



February 23, 2024

JMA Tech Properties, LLC
DBA GEC Consulting, LLC
Attn: Ms. Gail Cawley
168 Brampton Road
Syracuse, New York 13205

**RE: Subsurface Investigation Report
JMA Additional Properties, Syracuse, NY
CHA Project Number: 059294.001**

Dear Ms. Cawley:

CHA Consulting Inc. (CHA) performed a Subsurface Investigation June 5th through the 9th, 2023, on sixteen 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
094.-04-21.0	Horizon Transport LLC	517	Oneida St
094.-04-20.0	Horizon Transport LLC	521-27	Oneida St
094.-04-19.0	Green Horizons Environmental LLC	601-03	Oneida St
094.-04-18.0	Eno Wade	605-07	Oneida St
094.-04-17.0	Williams Mildred	609-11	Oneida St
094.-04-16.0	GEC Consulting LLC	615	Oneida St
094.-04-15.0	Green Horizons Environmental LLC	619	Oneida St
094.-04-14.0	Green Horizons Environmental LLC	625	Oneida St
094.-04-13.0	Green Horizons Environmental LLC	629	Oneida St
094.-04-12.0	Green Horizons Environmental LLC	637-39	Oneida St
094.-04-05.3	Catholic Charities of Syracuse	228	Tallman St
094.-04-09.0	Green Horizons Environment LLC	240 1/2	Tallman St
094.-04-10.0	Green Horizons Environmental LLC	242-46	Tallman St
094.-04-11.0	Green Horizons Environmental LLC	252-54	Tallman St & Oneida St
094.-04-01.0	Horizon Transport LLC	225	Taylor St W & Oneida St
094.-04-02.0	Horizon Transport LLC	201-07	Taylor St W & Clinton St

Collectively, each of these parcels was transferred to JMA Tech Properties LLC per a deed recording in December 2023. The parcels, along with all others on the block were subsequently re-zoned as one parcel, for a total area of 6.96 acres owned by JMA Tech Properties, LLC. The

parcels included as part of this lot are shown in Attachment A. This parcel may be a candidate for acceptance into the New York State Department of Environmental Conservation (NYSDEC) Brownfield Cleanup Program (BCP) based on current and historical uses. It is our understanding that the future use of the Site would be of a commercial or industrial nature. The subsurface investigation was performed to identify the presence or absence of contamination across the Site. CHA collected surface soil, subsurface soil, groundwater, indoor air, and soil vapor samples as described below.

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 at four to six inches below ground surface (bgs) in the locations shown on Figure 2. Soil Surface logs summarize the surface soil conditions encountered, soil type, and other field observations are recorded on the surface soil logs, included in Attachment B.

Subsurface Soil

To characterize subsurface conditions, CHA retained Cascade Drilling LLC to advance 23 soil borings and install 7 temporary wells across the Site (Figures 3 & 4 respectively). The soil borings were advanced using hydraulic push (Geoprobe®) drilling techniques and were continuously screened with a photoionization detector (PID) for the presence of volatile organic vapors. The soil borings were either advanced to the point at which groundwater was observed, or a maximum depth of 25 feet bgs. Soil boring logs summarizing the subsurface conditions encountered are included as Attachment C. The logs include soil type, PID readings, and other applicable field observations.

One representative soil sample from each of the soil borings was selected from the horizon exhibiting the highest probability for possible contamination, typically above the groundwater table, unless evidence of contamination such as staining or elevated PID readings were observed.

All non-disposable, down-hole equipment (e.g. MacroCore® sampler) was decontaminated with Alconox and water rinse between sampling locations, to prevent possible cross-contamination.

Groundwater

Seven of the 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 Figure 4. 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 using disposable polyethylene bailers. The installation of temporary wells and the use of bailers to collect the groundwater samples resulted in very turbid samples. As discussed later, this condition often impacts the results of metals analyses.

Once groundwater samples were collected, the PVC piping was removed and each borehole was backfilled with excess soil generated from the boring operations in all outside borings. Concrete was used to restore boring locations within the buildings.



Soil and Groundwater Samples

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

- Volatile organic compounds (VOCs) via Environmental Protection Agency (EPA) Method 8260 (subsurface soil and groundwater only);
- Semi-volatile organic compounds (SVOCs) via EPA Method 8270;
- Total Solids via EPA Method SM 2540 (soil samples only);
- RCRA 8 Metals via EPA Method 6010 (all surface soil and 8 subsurface soil sample locations);
- Polychlorinated biphenyls (PCBs) via EPA Method 8082A (five subsurface soil and all groundwater sample locations).

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 Alpha Analytical under proper chain-of-custody protocols.

Sub-Slab Soil Vapor and Indoor Air

In addition to the surface soil, subsurface soil and groundwater samples, CHA installed six sub-slab soil vapor (SSV) points to facilitate the collection of soil vapor samples under building slabs in the locations shown on Figure 5. 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 canisters 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 canister 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 duration of test are recorded on the Air Sampling Logs. The samples were submitted to Alpha Analytical for analysis of VOCs via EPA method TO-15.

FIELD OBSERVATIONS

Soils at the Site primarily consisted of fill material to a depth of approximately 1 to 10 feet bgs, depending on the location. The fill material generally consisted of sand and gravel with intermittent layers of silty clay. Fill material was brown in color, mostly compact, and intermittently contained metal shavings, brick fragments, traces of wood and other miscellaneous fill material. Beneath the fill material was typically a clay layer that was



approximately 10-18 feet thick followed by a sand and gravel layer that was encountered to a depth of 18-25 feet bgs.

During the course of the soil boring activities, CHA noted a petroleum-like odor in soil borings SOIL-103, SOIL-104, and SOIL-110, however no PID readings were observed. CHA also noted petroleum-like odor and staining at locations SOIL-112, SOIL-112-30ft-W, SOIL-112-30ft-N, SOIL-112-23ft-E, SOIL-112-15ft-N, SOIL-115, and SOIL-116 with PID readings ranging from less than 10 ppm to 2,211 ppm. The strongest odor, visible sheen on the soil, and highest PID readings were observed at soil boring SOIL-112-15ft-N.

Saturated soil was identified in the borings between 13 and 15 feet bgs across the Site. Depth to groundwater in the temporary wells was typically recorded between 12 to 16-feet bgs. A survey of the wells was not prepared during this subsurface investigation because only temporary groundwater wells were installed. However, based on proximity to Onondaga Creek, the direction of groundwater flow can be approximated to be toward the west.

During the course of the investigation, CHA identified what is likely an underground storage tank (UST) on the south side of the former Tompkins USA building. Upon review of NYSDEC records, this tank is believed to be a 9,000-gallon #2 fuel oil (on-site consumption) UST. Public records indicate that the UST is in service and is a Category 1 tank.

ANAYLTICAL RESULTS

Results for surface soil, subsurface soil, groundwater and soil vapor are presented in Tables 1-5. 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 Unrestricted Use sites as well as Commercial Use sites. Results indicate that there were detections of SVOCs in all five sample locations, with the following polycyclic aromatic hydrocarbons (PAHs) exceeding Unrestricted, and in some cases Commercial, SCOs:

- Benzo(a)anthracene,
- Benzo(a)pyrene,
- Benzo(b)fluoranthene,
- Benzo(k)fluoranthene,
- Chrysene,
- Dibenzo(a,h)anthracene, and
- Indeno(1,2,3-cd)pyrene.

In addition to the SVOCs, metals were also detected in all 5 surface soil samples:

- Arsenic was detected above the Unrestricted and Commercial SCOs at locations SURF-01, SURF-02, and SURF-03
- Barium was detected above the Unrestricted and Commercial SCOs at location SURF-02
- Cadmium was detected above the Unrestricted and Commercial SCOs at locations SURF-02 and SURF-05
- Lead was detected above the Unrestricted SCO at locations SURF-01, SURF-03, and SURF-05, with the detection at SURF-02 exceeding the Commercial SCO
- Mercury was detected above the Unrestricted SCO at location SURF-01, and above the Commercial SCO at locations SURF-02 and SURF-03
- Selenium and silver were detected above the Unrestricted SCOs at location SURF-02.



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.

Soil

Subsurface soil results are presented in Table 2 and were also compared to 6 NYCRR Part 375 SCOs for Unrestricted Use sites as well as Commercial Use sites. As shown in Table 2, there were multiple VOCs, SVOCs and metals detected in several of the soil samples collected. Figure 3 visually represents the location of each soil boring and the compounds that exceed their respective Unrestricted Use SCO and Commercial Use SCO. In summary:

- The following VOC compounds were detected:
 - Acetone - in majority of the soil samples at varying but low concentrations. Acetone is likely a laboratory contaminant and is not considered a Site contaminant of concern.
 - 2-butanone – detected in 7 of the soil samples at varying, but low concentrations. The 2-butanone concentration from soil sample SOIL-112 was the only detection that exceeded the Unrestricted SCO.
 - Vinyl chloride – detected in 4 of the soil samples, but only exceeded the Unrestricted SCO in soil sample SOIL-112.
- Typical SVOC detections included the same seven PAHs identified above in the surface soil sample section. Detections of PAHs exceeding Unrestricted Use SCOs were identified in soil sample SOIL-112 with the compounds benzo(a)pyrene, benzo(b)fluoranthene, and dibenzo(a,h)anthracene also exceeding the Commercial Use SCOs.
- Metals were detected in all 8 of the samples analyzed. Lead and mercury were detected above the Unrestricted SCOs in soil samples SOIL-112, SOIL-114, and SOIL-117. Lead was also detected above the Unrestricted SCO in soil sample SOIL-103.
- PCBs were not detected in the samples analyzed.

Based on the analytical results described above, the contaminants of concerns within the subsurface soil consist primarily of SVOCs, particularly PAHs. Elevated PID readings, noticeable odors, and stained soils were observed during drilling activities at SB-103, SB-104, SB-112-30FTW, SB-112-15FTN, SB-112-23FTE, SB-112-15FTS, SB-112-15FTN, SB-112-30FTN, SB-112-30FTW, SB-115, SB-116 and SB-117. However, analytical results (from the locations that were sampled) do not exceed the Unrestricted Use SCOs. This may have occurred because petroleum-based compounds can be degraded naturally by native microorganisms in the soil. However, the higher molecular weight of PAHs inhibits their natural biodegradation compared to other petroleum-based compounds, which may explain their presence in the subsurface soil at this time. It is likely historical contamination has naturally degraded to levels not exceeding their respective Unrestricted Use SCOs.

In addition to the organic compounds, inorganic compounds (metals) were detected in several subsurface soil locations. When comparing the subsurface soil results to the surface soil results, we see fewer compounds exceeding the Unrestricted SCOs, indicating that there may be an impact to the surface soil from the historical site operations.



Groundwater

Groundwater results are presented in Table 3 and were compared to the Technical Operations and Guidance Series 1.1.1. (TOGS 1.1.1.) Ambient Water Quality Standards for Class GA waters. As shown in Table 3, there were multiple VOCs, SVOCs, and metals detected in the groundwater samples collected. Figure 4 visually represents the location of each groundwater sample and the compounds that exceed their respective TOGS 1.1.1. standard. In summary:

- The following VOC compounds were detected above TOGS 1.1.1:
 - Benzene at TMW-101 and TMW-105
 - Cis-1,2-dichloroethene at TMW-101, TMW-108, and TMW-111
 - Vinyl chloride at TMW-101, TMW-105, TMW-108 and TMW-111
- The SVOCs benzo(a)anthracene, benzo(a)pyrene, benzo(b)fluoranthene, benzo(k)fluoranthene, chrysene, and indeno(1,2,3-cd)pyrene were detected at concentrations exceeding TOGS 1.1.1. in groundwater samples TMW-105, TMW-112, TMW-114 and TMW-117.
- The following metals were detected above TOGS 1.1.1 AWQS:
 - Arsenic at TMW-101, TMW-108, TMW-114, and TMW-117
 - Barium at TMW-105, TMW-108, TMW-114, and TMW-117
 - Cadmium at TMW-112
 - Chromium at TMW-105, TMW-108, TMW-112, TMW-114, and TMW-117
 - Lead at all 7 locations
 - Mercury at TMW-108, TMW-112, and TMW-117
 - Selenium at all locations except for TMW-112

Both chlorinated VOCs and petroleum hydrocarbons were detected in the groundwater samples. Chlorinated VOCs are contaminants from dense non-aqueous phase liquids, are denser than water, and tend to sink in the water column to a confining layer. Petroleum hydrocarbons are contaminants from light non-aqueous phase liquids, are less dense than water, and tend to float on the top of the water table.

Similar to the soil sample analytical results, the compounds PAHs and metals were also detected in the groundwater samples. Detection of PAHs is indicative of historical contamination of petroleum-based compounds. Metals adsorb to soil particles. The groundwater samples were turbid at the time of collection which likely increased the detected concentrations of metals in the groundwater.

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. 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, for these compounds. Figure 5 displays the sample locations and corresponding results.



Table 4 displays the results from this investigation in comparison with the decision matrices. In summary, results indicate that mitigation is required at locations IA-01/SSV-01, and IA-02/SSV-02. Additionally, the location IA-03/SSV-03 should be monitored and re-evaluated.

In addition to the compounds regulated by the NYSDOH, there were several petroleum hydrocarbons that were also detected. Guidance for petroleum hydrocarbons detected in SSV and IA samples is not available from the NYSDOH. Table 5 provides a summary of the detected compounds in comparison with the Table C2 from the NYSDOH guidance. Table C2 of the guidance is derived from the USEPA Building Assessment and Survey Evaluation (BASE) database (2001) for indoor and outdoor air. In comparison of sample results with this table many petroleum compounds were detected in exceedance of the 95th percentile, most notably benzene, ethylbenzene, xylene, and toluene.

CONCLUSIONS

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

- Surface soil is impacted by PAHs and metals. It is likely that surface soils have been impacted by historical operations at the Site.
- Historical contamination has naturally biodegraded to concentrations generally not exceeding the Unrestricted Use SCO in most subsurface soil samples. The results are typically consistent with an urban setting and historical site uses and therefore would likely not warrant further investigation based on future Site use as a commercial property.
- The chlorinated VOCs observed in the groundwater are compounds typically associated with dry cleaning operations. The former Coyne Textile facility across South Clinton Street (presumed upgradient direction) is currently listed in the BCP program with known off-site groundwater impacts. Additionally, the building on the north end of the property was formerly owned and operated by Coyne. It is likely that there are additional impacts from the historical operations in this area.
- The compound benzene was detected in the groundwater at location TMW-101. This compound is typically found in petroleum products. Historical operations surrounding the Site included various bulk storage tanks, industrial facilities, and gas stations.
- Although several petroleum compounds were detected within the SSV and IA samples collected, there is no NYSDOH guidance criteria. It is likely that aerobic biodegradation in the vadose zone of the soil has contributed to the breakdown of the petroleum products, and therefore no additional mitigation is likely warranted for these compounds.
- A UST was observed on the Site during this investigation. After further document review, the UST appears to be registered as a 9,000-gallon #2 fuel oil tank utilized for on-site consumption. Previous owners have vacated the property and proper tank closure has not occurred.

RECOMMENDATIONS

Based on the results of the investigation and the presence of an abandoned UST, 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,

A handwritten signature in black ink that reads "Samantha Miller". The signature is written in a cursive style with a large, stylized "S" and "M".

Samantha J. Miller, PE,
Senior Engineer V

AH/sjm

V:\Projects\ANY\K5\059294.001\Reports\JMA Additional Parcels Pre-Application Investigation\DRAFT\Subsurface Investigation
Report_SJM Edits.doc



FIGURES

- Figure 1 - Site Location Map
- Figure 2 – Surface Soil Sample Results
- Figure 3 – Subsurface Soil Sample Results
- Figure 4 – Groundwater Sample Results
- Figure 5 – Indoor Air and Sub-Slab Vapor Results

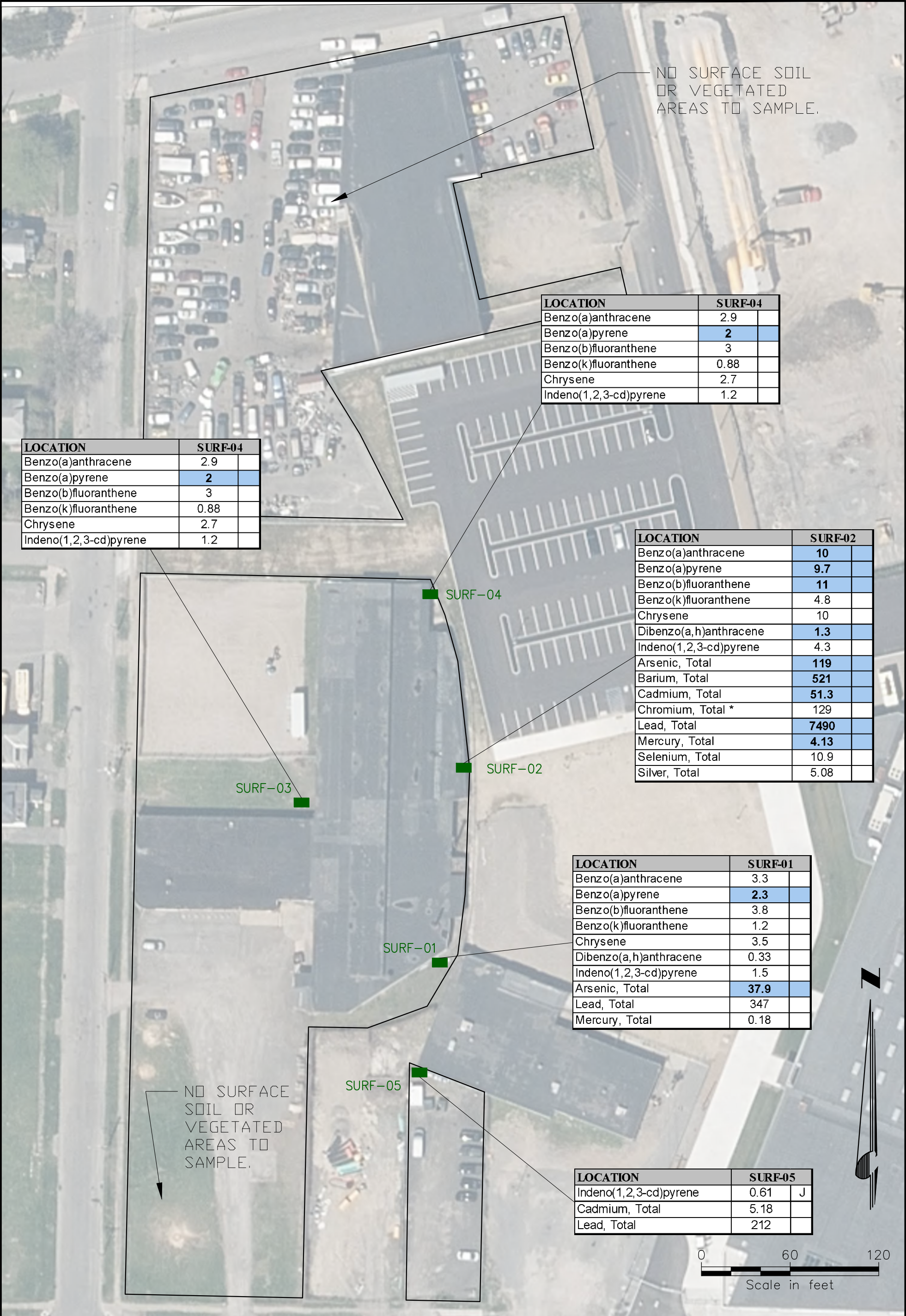
File: V:\PROJECTS\ANY\K5\059294\001\CADD\ACAD\ENVP\JMA ADDITIONAL PARCELS.MXD 2023 INVESTIGATION FIGURES.DWG Sowed: 2/22/2024 2:05:09 PM Plotted: 2/22/2024 2:05:37 PM Current User: Ehmman, Koryn LastSavedBy: 5768



SITE LOCATION MAP
1074 SOUTH CLINTON STREET
CITY OF SYRACUSE, NEW YORK
2023 SUBSURFACE INVESTIGATION REPORT

PROJECT NO.
059294.001
DATE: 03/2024
FIGURE 1

File: V:\PROJECTS\ANY\K5\059294.001\CADD\ENVP\JMA ADDITIONAL PARCELS JUNE 2023 INVESTIGATION\FIGURES.DWG Saved: 2/22/2024 2:15:01 PM Plotted: 2/22/2024 2:15:23 PM Current User: Ehmann, Koryn LastSavedBy: 5768



SURFACE SOIL RESULTS PRESENTED IN MG/KG (PPM).
PARAMETERS ANALYZED INCLUDE SVOCs, AND RCRA-8 METALS.
PARAMETERS SHOWN EXCEED 6 NYCRR PART 375 UNRESTRICTED USE SCOs OR COMMERCIAL USE SCOs (HIGHLIGHTED IN BLUE)

Drawing Copyright © 2024



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

SURFACE SOIL ANALYTICAL RESULTS
EXCEEDANCES ONLY

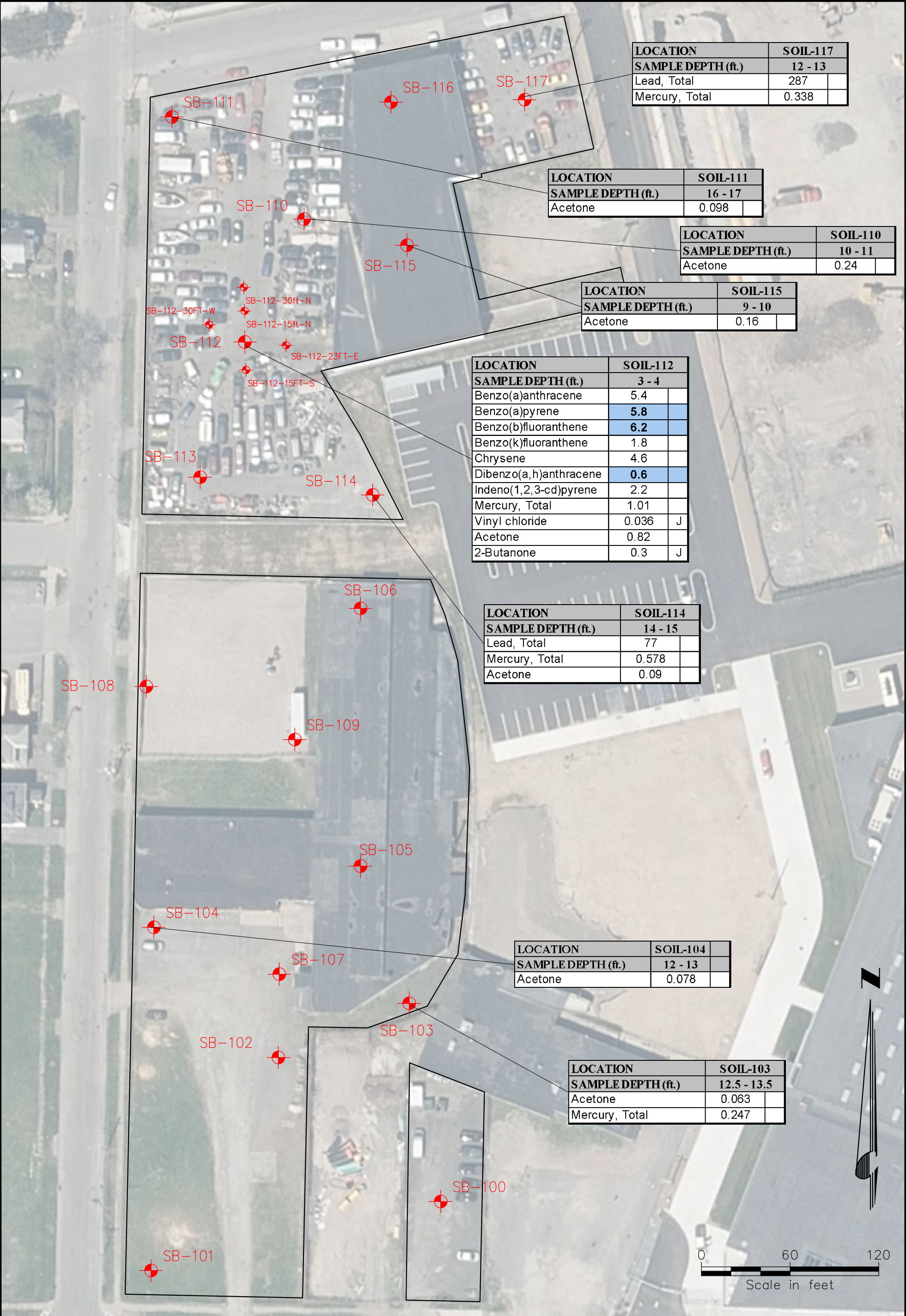
1074 SOUTH CLINTON STREET
2023 SUBSURFACE INVESTIGATION REPORT

PROJECT NO.
059294.001

DATE: 03/2024

FIGURE 2

File: V:\PROJECTS\ANY\K5\059294.001\CADD\ENVP\JMA ADDITIONAL PARCELS JUNE 2023 INVESTIGATION\FIGURES JUNE 2023 INVESTIGATION\JMA ADDITIONAL PARCELS JUNE 2023 INVESTIGATION.DWG Saved: 2/23/2024 9:06:26 AM Plotted: 2/23/2024 9:06:55 AM Current User: Ehmann, Karyn LastSavedBy: 5768



SUBSURFACE SOIL SAMPLE RESULTS PRESENTED IN MG/KG (PPM).
PARAMETERS ANALYZED INCLUDE VOCs, SVOCs, AND RCRA-8 METALS.
PARAMETERS SHOWN EXCEED 6 NYCRR PART 375 UNRESTRICTED USE SCO's OR COMMERCIAL USE SCO's (HIGHLIGHTED IN BLUE)

Drawing Copyright © 2024



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

SUBSURFACE SOIL ANALYTICAL RESULTS
EXCEEDANCES ONLY

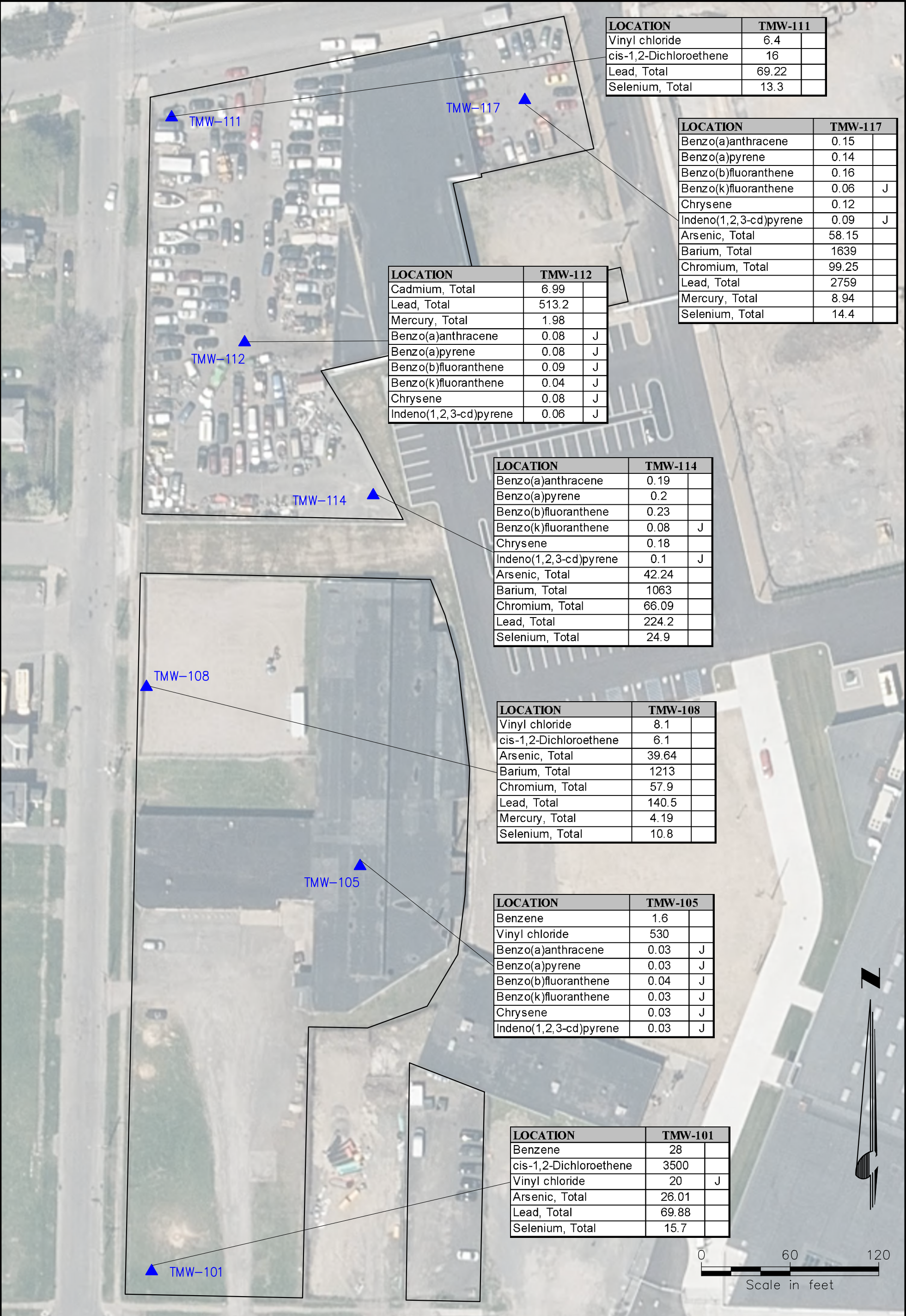
1074 SOUTH CLINTON STREET
2023 SUBSURFACE INVESTIGATION REPORT

PROJECT NO.
059294.001

DATE: 03/2024

FIGURE 3

File: V:\PROJECTS\ANY\K5\059294.001\CADD\ENVP\JMA ADDITIONAL PARCELS JUNE 2023 INVESTIGATION\FIGURES.DWG Saved: 2/22/2024 2:05:09 PM Plotted: 2/22/2024 2:07:14 PM Current User: Ehmann, Karyn LastSavedBy: 5768



CHA TEMPORARY MONITORING WELLS (TMWs) ANALYZED FOR VOCs, SVOCs, AND METALS. GROUNDWATER RESULTS DISPLAYED IN UG/L (PPB). PARAMETERS DISPLAYED EXCEED TOGS 1.1.1 AMBIENT GROUNDWATER QUALITY STANDARDS OR GUIDANCE VALUES FOR CLASS GA WATERS.



**GROUNDWATER MONITORING RESULTS
EXCEEDANCES ONLY**

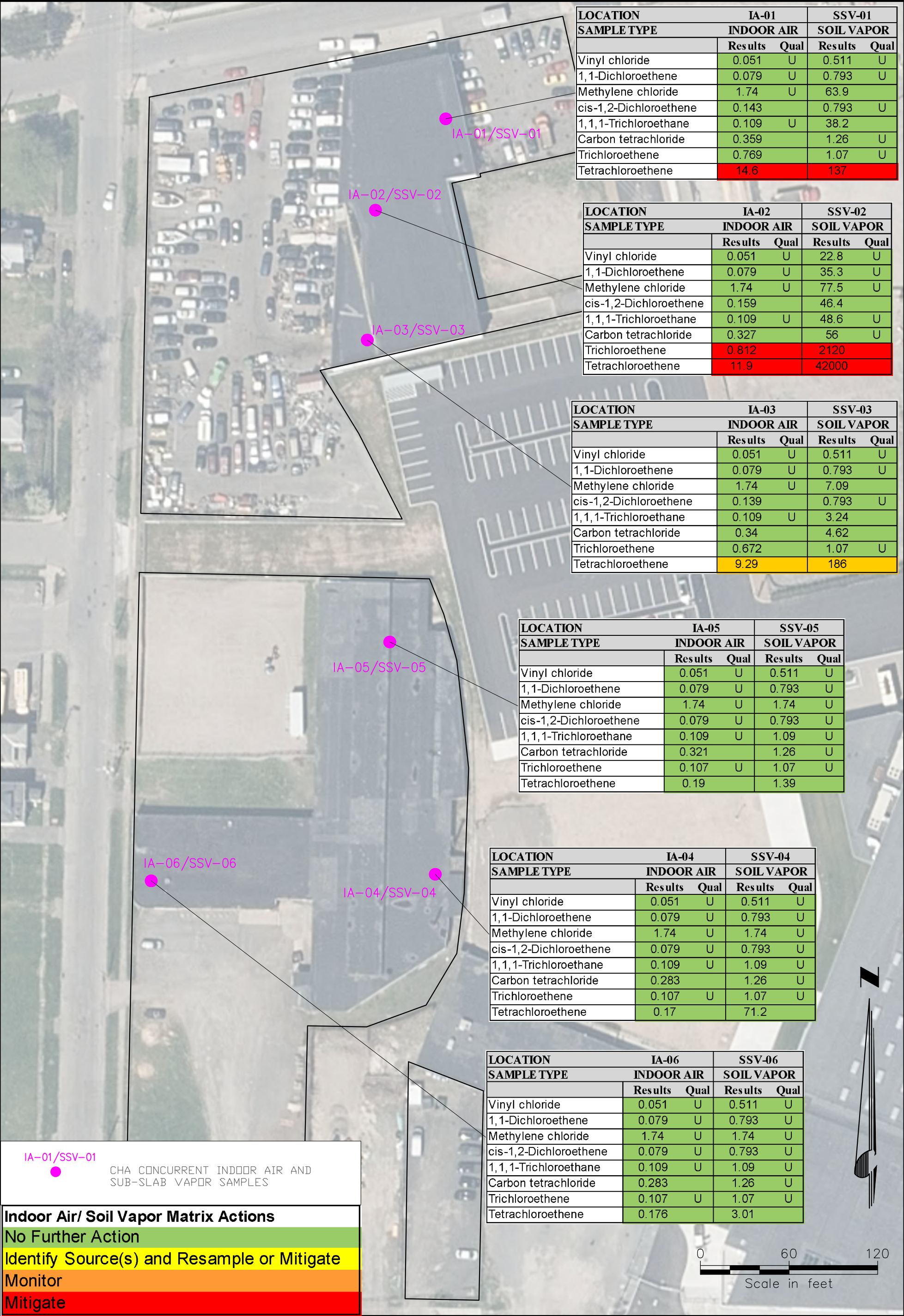
1074 SOUTH CLINTON STREET
2023 SUBSURFACE INVESTIGATION REPORT

PROJECT NO.
059294.001

DATE: 03/2024

FIGURE 4

File: V:\PROJECTS\ANY\K5\059294.001\CADD\ENVP\JMA ADDITIONAL PARCELS JUNE 2023 INVESTIGATION\FIGURES.DWG Saved: 2/22/2024 2:05:09 PM Plotted: 2/22/2024 2:08:22 PM Current User: Ehmann, Karyn LastSavedBy: 5768



TABLES

Table 1 – Surface Soil Analytical Results

Table 2 – Soil Analytical Results

Table 3 – Groundwater Analytical Results

Table 4 – NYSDOH Decision Matrix Outcomes

Table 5 – Sub-Slab Vapor and Indoor Air Analytical Results

Table 1. Surface Soil Results
Detected Compounds Only
2023 Subsurface Investigation Report

LOCATION				SURF-01	SURF-02	SURF-03	SURF-04	SURF-05
SAMPLING DATE				6/7/2023	6/7/2023	6/7/2023	6/7/2023	6/7/2023
SAMPLE TYPE				SOIL	SOIL	SOIL	SOIL	SOIL
	NY-RESC	NY-UNRES	Units	Results	Results	Results	Results	Results
General Chemistry								
Solids, Total			%	91.3	79	68.5	87.1	91.4
Semivolatile Organics								
2-Methylnaphthalene			mg/kg	2.1	1.7 J	1.4 U	0.084 J	0.18 J
3-Methylphenol/4-Methylphenol	500	0.33	mg/kg	0.26 U	3 U	1.7 U	0.27 U	1.3 U
Acenaphthene	500	20	mg/kg	0.83	2.2	0.97 U	0.33	0.73 U
Acenaphthylene	500	100	mg/kg	0.17	0.49 J	0.97 U	0.07 J	0.73 U
Acetophenone			mg/kg	0.18 U	2.1 U	1.2 U	0.19 U	0.33 J
Anthracene	500	100	mg/kg	0.78	3.9	0.28 J	0.85	0.18 J
Benzaldehyde			mg/kg	0.24 U	2.7 U	1.6 U	0.25 U	0.4 J
Benzo(a)anthracene	5.6	1	mg/kg	3.3	10	0.91	2.9	0.59
Benzo(a)pyrene	1	1	mg/kg	2.3	9.7	1.1	2	0.57 J
Benzo(b)fluoranthene	5.6	1	mg/kg	3.8	11	1.2	3	0.95
Benzo(ghi)perylene	500	100	mg/kg	1.1	5	1	0.9	0.58 J
Benzo(k)fluoranthene	56	0.8	mg/kg	1.2	4.8	0.66 J	0.88	0.32 J
Biphenyl			mg/kg	0.31 J	0.37 J	2.8 U	0.028 J	2.1 U
Bis(2-ethylhexyl)phthalate			mg/kg	0.18 U	2.1 U	0.48 J	0.19 U	0.91 U
Carbazole			mg/kg	0.6	2.6	0.16 J	0.92	0.15 J
Chrysene	56	1	mg/kg	3.5	10	1.1	2.7	0.68
Dibenzo(a,h)anthracene	0.56	0.33	mg/kg	0.33	1.3	0.72 U	0.25	0.14 J
Dibenzofuran	350	7	mg/kg	0.86	2.1	1.2 U	0.21	0.91 U
Fluoranthene	500	100	mg/kg	6	23	1.7	6.6	1
Fluorene	500	30	mg/kg	0.6	2 J	1.2 U	0.23	0.91 U
Indeno(1,2,3-cd)pyrene	5.6	0.5	mg/kg	1.5	4.3	0.97 U	1.2	0.61 J
Naphthalene	500	12	mg/kg	1.3	4.1	1.2 U	0.27	0.11 J
Phenanthrene	500	100	mg/kg	5.3	20	0.94	4.7	0.69
Phenol	500	0.33	mg/kg	0.18 U	2.1 U	1.2 U	0.19 U	0.19 J
Pyrene	500	100	mg/kg	4.5	18	1.6	5	0.82
Metals								
Arsenic, Total	16	13	mg/kg	37.9	119	21.4	6.89	4.91
Barium, Total	400	350	mg/kg	230	521	153	78	146
Cadmium, Total	9.3	2.5	mg/kg	0.505	51.3	2.2	0.24 J	5.18
Chromium, Total			mg/kg	26.9	129	36.6	15.9	38.9
Lead, Total	1000	63	mg/kg	347	7490	944	61.1	212
Mercury, Total	2.8	0.18	mg/kg	0.18	4.13	2.81	0.174	0.112
Selenium, Total	1500	3.9	mg/kg	3.29	10.9	2.92	0.444 J	0.726 J
Silver, Total	1500	2	mg/kg	1.06 U	5.08	0.596	0.229 U	0.826

Notes:

Samples were collected by CHA Consulting, Inc. and analyzed by Alpha Analytical

NY-RESC: New York NYCRR Part 375 Commercial Criteria, New York Restricted use Criteria per 6 NYCRR Part 375 Environmental Remediation Programs, effective December 14, 2006

NY-UNRES: New York NYCRR Part 375 New York Unrestricted use Criteria Criteria per 6 NYCRR Part 375 Environmental Remediation Programs, effective December 14, 2006.

U - parameter not detected at the RL

J - estimated parameter was detected above the MDL but below the RL

Blue shaded compounds exceed unrestricted SCOs & yellow colored compounds exceed commercial SCOs



Table 2. Subsurface Soil Results
Detected Compounds Only
2023 Subsurface Investigation Report

LOCATION				SOIL-100	SOIL-101	SOIL-102	SOIL-103	SOIL-104	SOIL-105	SOIL-106
SAMPLING DATE				6/5/2023	6/5/2023	6/5/2023	6/5/2023	6/5/2023	6/6/2023	6/6/2023
SAMPLE DEPTH (ft.)				11 - 12	13 - 14	12 - 13	12.5 - 13.5	12 - 13	16 - 17	18 - 19
	NY-RESC	NY-UNRES	Units	Results	Results	Results	Results	Results	Results	Results
General Chemistry										
Solids, Total			%	88.5	70.6	83.7	65.6	63.1	84	85.4
Volatile Organics by EPA 5035 Low										
1,2-Dichlorobenzene	500	1.1	mg/kg	0.0016 U	0.0025 U	0.002 U	0.0029 U	0.0032 U	0.002 U	0.0025 U
1,4-Dichlorobenzene	130	1.8	mg/kg	0.0016 U	0.0025 U	0.002 U	0.0029 U	0.0032 U	0.002 U	0.0025 U
2-Butanone	500	0.12	mg/kg	0.0081 U	0.012 U	0.01 U	0.015 U	0.018	0.01 U	0.0072 J
Acetone	500	0.05	mg/kg	0.0081 U	0.033	0.01 U	0.063	0.078	0.0095 J	0.042
Benzene	44	0.06	mg/kg	0.00041 U	0.00062 U	0.0005 U	0.00074 U	0.0008 U	0.00051 U	0.00064 U
Carbon disulfide			mg/kg	0.0081 U	0.0068 J	0.01 U	0.015 U	0.016 U	0.01 U	0.013
cis-1,2-Dichloroethene	500	0.25	mg/kg	0.00081 U	0.0004 J	0.001 U	0.0015 U	0.0016 U	0.001 U	0.0026
Cyclohexane			mg/kg	0.0081 U	0.012 U	0.01 U	0.00094 J	0.016 U	0.01 U	0.013 U
Ethylbenzene	390	1	mg/kg	0.00081 U	0.0012 U	0.001 U	0.0015 U	0.0016 U	0.001 U	0.0013 U
Isopropylbenzene			mg/kg	0.00081 U	0.0012 U	0.001 U	0.0015 U	0.0016 U	0.001 U	0.0013 U
Methyl Acetate			mg/kg	0.0032 U	0.005 U	0.004 U	0.0059 U	0.0064 U	0.0041 U	0.0051 U
Methyl cyclohexane			mg/kg	0.0032 U	0.005 U	0.004 U	0.0014 J	0.0064 U	0.0041 U	0.0051 U
o-Xylene			mg/kg	0.00081 U	0.0012 U	0.001 U	0.0015 U	0.0016 U	0.001 U	0.0013 U
p/m-Xylene			mg/kg	0.0016 U	0.0025 U	0.002 U	0.0029 U	0.0032 U	0.002 U	0.0025 U
Toluene	500	0.7	mg/kg	0.00081 U	0.0012 U	0.001 U	0.0015 U	0.0016 U	0.001 U	0.0013 U
trans-1,2-Dichloroethene	500	0.19	mg/kg	0.0012 U	0.0019 U	0.0015 U	0.0022 U	0.0024 U	0.0015 U	0.0019 U
Trichloroethene	200	0.47	mg/kg	0.00041 U	0.00062 U	0.0005 U	0.00074 U	0.0008 U	0.00051 U	0.00064 U
Vinyl chloride	13	0.02	mg/kg	0.00081 U	0.0012 U	0.001 U	0.0015 U	0.0016 U	0.001 U	0.00089 J
Volatile Organics by EPA 5035 High										
Tetrachloroethene	150	1.3	mg/kg	-	-	-	-	-	-	-
Chlorobenzene	500	1.1	mg/kg	-	-	-	-	-	-	-
Ethylbenzene	390	1	mg/kg	-	-	-	-	-	-	-
o-Xylene			mg/kg	-	-	-	-	-	-	-
cis-1,2-Dichloroethene	500	0.25	mg/kg	-	-	-	-	-	-	-
Isopropylbenzene			mg/kg	-	-	-	-	-	-	-
Methyl Acetate			mg/kg	-	-	-	-	-	-	-
Cyclohexane			mg/kg	-	-	-	-	-	-	-
Methyl cyclohexane			mg/kg	-	-	-	-	-	-	-



Table 2. Subsurface Soil Results
Detected Compounds Only
2023 Subsurface Investigation Report

LOCATION				SOIL-100	SOIL-101	SOIL-102	SOIL-103	SOIL-104	SOIL-105	SOIL-106
SAMPLING DATE				6/5/2023	6/5/2023	6/5/2023	6/5/2023	6/5/2023	6/6/2023	6/6/2023
SAMPLE DEPTH (ft.)				11 - 12	13 - 14	12 - 13	12.5 - 13.5	12 - 13	16 - 17	18 - 19
	NY-RESC	NY-UNRES	Units	Results	Results	Results	Results	Results	Results	Results
Semivolatile Organics										
2-Methylnaphthalene			mg/kg	0.22 U	0.28 U	0.047 J	0.3 U	0.31 U	0.23 U	0.23 U
3-Methylphenol/4-Methylphenol	500	0.33	mg/kg	0.27 U	0.33 U	0.28 U	0.059 J	0.049 J	0.28 U	0.28 U
Acenaphthene	500	20	mg/kg	0.15 U	0.18 U	0.16 U	0.2 U	0.21 U	0.16 U	0.15 U
Acenaphthylene	500	100	mg/kg	0.15 U	0.18 U	0.16 U	0.2 U	0.21 U	0.16 U	0.27 U
Acetophenone			mg/kg	0.19 U	0.23 U	0.19 U	0.25 U	0.26 U	0.19 U	0.19 U
Anthracene	500	100	mg/kg	0.11 U	0.14 U	0.12 U	0.15 U	0.16 U	0.22 U	0.36 U
Benzaldehyde			mg/kg	0.25 U	0.3 U	0.26 U	0.33 U	0.35 U	0.26 U	0.11 J
Benzo(a)anthracene	5.6	1	mg/kg	0.11 U	0.14 U	0.12 U	0.15 U	0.16 U	0.67 U	0.81 U
Benzo(a)pyrene	1	1	mg/kg	0.15 U	0.18 U	0.16 U	0.2 U	0.21 U	0.53 U	0.65 U
Benzo(b)fluoranthene	5.6	1	mg/kg	0.11 U	0.14 U	0.12 U	0.15 U	0.16 U	0.68 U	0.72 U
Benzo(ghi)perylene	500	100	mg/kg	0.022 J	0.18 U	0.16 U	0.2 U	0.21 U	0.26 U	0.26 U
Benzo(k)fluoranthene	56	0.8	mg/kg	0.11 U	0.14 U	0.12 U	0.15 U	0.16 U	0.31 U	0.35 U
Biphenyl			mg/kg	0.43 U	0.53 U	0.44 U	0.57 U	0.6 U	0.44 U	0.44 U
Bis(2-ethylhexyl)phthalate			mg/kg	0.19 U	0.23 U	0.19 U	0.25 U	0.26 U	0.075 J	0.19 U
Carbazole			mg/kg	0.19 U	0.23 U	0.19 U	0.25 U	0.26 U	0.13 J	0.066 J
Chrysene	56	1	mg/kg	0.11 U	0.14 U	0.12 U	0.15 U	0.16 U	0.54 U	0.68 U
Dibenzo(a,h)anthracene	0.56	0.33	mg/kg	0.11 U	0.14 U	0.12 U	0.15 U	0.16 U	0.089 J	0.076 J
Dibenzofuran	350	7	mg/kg	0.19 U	0.23 U	0.19 U	0.25 U	0.26 U	0.047 J	0.11 J
Fluoranthene	500	100	mg/kg	0.11 U	0.14 U	0.12 U	0.15 U	0.038 J	1.3 U	1.8 U
Fluorene	500	30	mg/kg	0.19 U	0.23 U	0.19 U	0.25 U	0.26 U	0.06 J	0.038 J
Indeno(1,2,3-cd)pyrene	5.6	0.5	mg/kg	0.15 U	0.18 U	0.16 U	0.2 U	0.21 U	0.27 U	0.27 U
Naphthalene	500	12	mg/kg	0.19 U	0.23 U	0.11 J	0.25 U	0.26 U	0.032 J	0.036 J
Phenanthrene	500	100	mg/kg	0.11 U	0.14 U	0.12 U	0.15 U	0.033 J	1.2 U	1.6 U
Phenol	500	0.33	mg/kg	0.19 U	0.23 U	0.19 U	0.25 U	0.26 U	0.19 U	0.19 U
Pyrene	500	100	mg/kg	0.11 U	0.14 U	0.12 U	0.15 U	0.032 J	1.1 U	1.4 U
Metals										
Arsenic, Total	16	13	mg/kg	-	-	-	6.78	-	-	4.04
Barium, Total	400	350	mg/kg	-	-	-	84.4	-	-	39.8
Cadmium, Total	9.3	2.5	mg/kg	-	-	-	0.25 J	-	-	0.144 J
Chromium, Total*	400	30	mg/kg	-	-	-	16.1	-	-	5.03
Lead, Total	1000	63	mg/kg	-	-	-	55	-	-	5.61
Mercury, Total	2.8	0.18	mg/kg	-	-	-	0.247	-	-	0.073 U
Selenium, Total	1500	3.9	mg/kg	-	-	-	1.12 J	-	-	0.761 J
Silver, Total	1500	2	mg/kg	-	-	-	0.292 U	-	-	0.225 U

Notes:

Samples were collected by CHA Consulting, Inc. and analyzed by Alpha Analytical

NY-RESC: New York NYCRR Part 375 Commercial Criteria, New York Restricted use Criteria per 6 NYCRR Part 375 Environmental Remediation Programs, effective December 14, 2006.

NY-UNRES: New York NYCRR Part 375 New York Unrestricted use Criteria Criteria per 6 NYCRR Part 375 Environmental Remediation Programs, effective December 14, 2006.

U - parameter not detected at the RL

J - estimated parameter was detected above the MDL but below the RL

Blue shaded compounds exceed unrestricted SCOs & yellow colored comounds exceed commercial SCOs



Table 2. Subsurface Soil Results
Detected Compounds Only
2023 Subsurface Investigation Report

LOCATION				SOIL-107	SOIL-108	SOIL-109	SOIL-110	SOIL-111	SOIL-112	SOIL-112-15FTN
SAMPLING DATE				6/6/2023	6/6/2023	6/6/2023	6/6/2023	6/6/2023	6/7/2023	6/7/2023
SAMPLE DEPTH (ft.)				14 - 15	8 - 9	14 - 15	10 - 11	16 - 17	3 - 4	13 - 14
	NY-RESC	NY-UNRES	Units	Results	Results	Results	Results	Results	Results	Results
General Chemistry										
Solids, Total			%	72.6	75.7	60.8	70	73.3	75.2	64.6
Volatile Organics by EPA 5035 Low										
1,2-Dichlorobenzene	500	1.1	mg/kg	0.0022 U	0.0021 U	0.0028 U	0.0026 U	0.0024 U	0.021 J	0.074 J
1,4-Dichlorobenzene	130	1.8	mg/kg	0.0022 U	0.0021 U	0.0028 U	0.0026 U	0.0024 U	0.15 U	0.08 J
2-Butanone	500	0.12	mg/kg	0.011 U	0.01 U	0.0073 J	0.013 U	0.024	0.3 J	0.95 U
Acetone	500	0.05	mg/kg	0.012	0.0079 J	0.049	0.24	0.098	0.82	0.95 U
Benzene	44	0.06	mg/kg	0.00056 U	0.00052 U	0.0007 U	0.0064	0.00026 J	0.02 J	0.047 U
Carbon disulfide			mg/kg	0.01 J	0.01 U	0.0077 J	0.013 U	0.012 U	0.75 U	0.95 U
cis-1,2-Dichloroethene	500	0.25	mg/kg	0.0011 U	0.001 U	0.0014 U	0.0049	0.00051 J	0.064 J	0.095 U
Cyclohexane			mg/kg	0.011 U	0.01 U	0.014 U	0.19	0.012 U	0.13 J	0.23 J
Ethylbenzene	390	1	mg/kg	0.0011 U	0.001 U	0.0014 U	0.0014	0.0012 U	0.16	0.026 J
Isopropylbenzene			mg/kg	0.0011 U	0.001 U	0.0014 U	0.04	0.0012 U	2.2	7.6
Methyl Acetate			mg/kg	0.0045 U	0.0041 U	0.0056 U	0.0052 U	0.0048 U	0.94	0.16 J
Methyl cyclohexane			mg/kg	0.0045 U	0.0041 U	0.0056 U	0.43 E	0.0048 U	1.2	2.3
o-Xylene			mg/kg	0.0011 U	0.001 U	0.0014 U	0.0028	0.0012 U	0.058 J	0.095 U
p/m-Xylene			mg/kg	0.0022 U	0.0021 U	0.0028 U	0.0026 U	0.0024 U	0.41	0.21
Toluene	500	0.7	mg/kg	0.0011 U	0.001 U	0.0014 U	0.00094 J	0.0012 U	0.075 U	0.095 U
trans-1,2-Dichloroethene	500	0.19	mg/kg	0.00032 J	0.0016 U	0.0021 U	0.0052	0.0018 U	0.11 U	0.14 U
Trichloroethene	200	0.47	mg/kg	0.00056 U	0.00052 U	0.0007 U	0.00065 U	0.0006 U	0.041	0.047 U
Vinyl chloride	13	0.02	mg/kg	0.0011 U	0.001 U	0.0014 U	0.0068	0.0012	0.036 J	0.095 U
Volatile Organics by EPA 5035 High										
Tetrachloroethene	150	1.3	mg/kg	- -	- -	- -	0.17	- -	- -	- -
Chlorobenzene	500	1.1	mg/kg	- -	- -	- -	0.022 J	- -	- -	- -
Ethylbenzene	390	1	mg/kg	- -	- -	- -	0.04 J	- -	- -	- -
o-Xylene			mg/kg	- -	- -	- -	0.035 J	- -	- -	- -
cis-1,2-Dichloroethene	500	0.25	mg/kg	- -	- -	- -	0.021 J	- -	- -	- -
Isopropylbenzene			mg/kg	- -	- -	- -	0.34	- -	- -	- -
Methyl Acetate			mg/kg	- -	- -	- -	0.39	- -	- -	- -
Cyclohexane			mg/kg	- -	- -	- -	0.56 J	- -	- -	- -
Methyl cyclohexane			mg/kg	- -	- -	- -	1.6	- -	- -	- -



Table 2. Subsurface Soil Results

Detected Compounds Only

2023 Subsurface Investigation Report

LOCATION				SOIL-107	SOIL-108	SOIL-109	SOIL-110	SOIL-111	SOIL-112	SOIL-112-15FTN
SAMPLING DATE				6/6/2023	6/6/2023	6/6/2023	6/6/2023	6/6/2023	6/7/2023	6/7/2023
SAMPLE DEPTH (ft.)				14 - 15	8 - 9	14 - 15	10 - 11	16 - 17	3 - 4	13 - 14
	NY-RESC	NY-UNRES	Units	Results	Results	Results	Results	Results	Results	Results
Semivolatile Organics										
2-Methylnaphthalene			mg/kg	0.27 U	0.26 U	0.32 U	0.083 J	0.27 U	0.12 J	0.055 J
3-Methylphenol/4-Methylpheno	500	0.33	mg/kg	0.32 U	0.31 U	0.39 U	0.34 U	0.32 U	0.31 U	0.37 U
Acenaphthene	500	20	mg/kg	0.18 U	0.17 U	0.22 U	0.21	0.18 U	0.67	0.097 J
Acenaphthylene	500	100	mg/kg	0.18 U	0.17 U	0.22 U	0.069 J	0.18 U	0.19	0.2 U
Acetophenone			mg/kg	0.22 U	0.22 U	0.27 U	0.24 U	0.22 U	0.22 U	0.26 U
Anthracene	500	100	mg/kg	0.13 U	0.13 U	0.16 U	0.22	0.13 U	1.9	0.064 J
Benzaldehyde			mg/kg	0.3 U	0.29 U	0.36 U	0.31 U	0.3 U	0.29 U	0.34 U
Benzo(a)anthracene	5.6	1	mg/kg	0.13 U	0.13 U	0.16 U	0.27	0.13 U	5.4	0.11 J
Benzo(a)pyrene	1	1	mg/kg	0.18 U	0.17 U	0.22 U	0.22	0.18 U	5.8	0.072 J
Benzo(b)fluoranthene	5.6	1	mg/kg	0.13 U	0.13 U	0.16 U	0.17	0.13 U	6.2	0.091 J
Benzo(ghi)perylene	500	100	mg/kg	0.18 U	0.17 U	0.22 U	0.1 J	0.18 U	2.4	0.046 J
Benzo(k)fluoranthene	56	0.8	mg/kg	0.13 U	0.13 U	0.16 U	0.14 U	0.13 U	1.8	0.041 J
Biphenyl			mg/kg	0.51 U	0.49 U	0.61 U	0.54 U	0.51 U	0.078 J	0.58 U
Bis(2-ethylhexyl)phthalate			mg/kg	0.22 U	0.22 U	0.27 U	0.24 U	0.22 U	0.22 U	0.26 U
Carbazole			mg/kg	0.22 U	0.22 U	0.27 U	0.24 U	0.22 U	0.2 J	0.26 U
Chrysene	56	1	mg/kg	0.13 U	0.13 U	0.16 U	0.56	0.13 U	4.6	0.097 J
Dibenzo(a,h)anthracene	0.56	0.33	mg/kg	0.13 U	0.13 U	0.16 U	0.04 J	0.13 U	0.6	0.15 U
Dibenzofuran	350	7	mg/kg	0.22 U	0.22 U	0.27 U	0.12 J	0.22 U	0.46	0.024 J
Fluoranthene	500	100	mg/kg	0.13 U	0.13 U	0.16 U	0.24	0.13 U	10	0.38
Fluorene	500	30	mg/kg	0.22 U	0.22 U	0.27 U	0.36	0.22 U	0.89	0.085 J
Indeno(1,2,3-cd)pyrene	5.6	0.5	mg/kg	0.18 U	0.17 U	0.22 U	0.052 J	0.18 U	2.2	0.2 U
Naphthalene	500	12	mg/kg	0.22 U	0.22 U	0.27 U	0.035 J	0.22 U	0.48	0.25 J
Phenanthrene	500	100	mg/kg	0.13 U	0.13 U	0.16 U	0.31	0.13 U	7.9	0.32
Phenol	500	0.33	mg/kg	0.22 U	0.22 U	0.27 U	0.24 U	0.22 U	0.22 U	0.26 U
Pyrene	500	100	mg/kg	0.13 U	0.13 U	0.16 U	0.53	0.13 U	9	0.35
Metals										
Arsenic, Total	16	13	mg/kg	-	-	3.72	4.16	-	10.2	-
Barium, Total	400	350	mg/kg	-	-	44.7	89.1	-	59.3	-
Cadmium, Total	9.3	2.5	mg/kg	-	-	0.139 J	0.308 J	-	0.816	-
Chromium, Total*	400	30	mg/kg	-	-	7.73	17.4	-	11.8	-
Lead, Total	1000	63	mg/kg	-	-	4.55	27.7	-	130	-
Mercury, Total	2.8	0.18	mg/kg	-	-	0.11 U	0.093 J	-	1.01	-
Selenium, Total	1500	3.9	mg/kg	-	-	3.52	0.56 J	-	0.795 J	-
Silver, Total	1500	2	mg/kg	-	-	0.313 U	0.268 U	-	0.355	-

Notes:

Samples were collected by CHA Consulting, Inc. and analyzed by Alpha Analytical

NY-RESC: New York NYCRR Part 375 Commercial Criteria, New York Restricted use CrNY-RESC: New York NYCRR Part 375 Commercial Criteria, New York Restricted use Criteria per 6 NYCRR Part 375 Environmental Remediation Programs, effective December 14, 2006.

NY-UNRES: New York NYCRR Part 375 New York Unrestricted use Criteria Criteria per (NY-UNRES: New York NYCRR Part 375 New York Unrestricted use Criteria Criteria per 6 NYCRR Part 375 Environmental Remediation Programs, effective December 14, 2006.

U - parameter not detected at the RL

J - estimated parameter was detected above the MDL but below the RL

Blue shaded compounds exceed unrestricted SCOs & yellow colored comounds exceed commercial SCOs

Notes:

Samples were collected by CHA Consulting, Inc. and analyzed by Alpha Analytical

U - parameter not detected at the RL

J - estimated parameter was detected above the MDL but below the RL

Blue shaded compounds exceed unrestricted SCOs & yellow colored comounds exceed commercial SCOs



Table 2. Subsurface Soil Results
Detected Compounds Only
2023 Subsurface Investigation Report

LOCATION				SOIL-112-30FTW		SOIL-113	
SAMPLING DATE				6/7/2023		6/7/2023	
SAMPLE DEPTH (ft.)				15 - 16		14 - 15	
	NY-RESC	NY-UNRES	Units	Results		Results	
General Chemistry							
Solids, Total			%	83.4		84.4	
Volatile Organics by EPA 5035 Low							
1,2-Dichlorobenzene	500	1.1	mg/kg	0.12	U	0.002	U
1,4-Dichlorobenzene	130	1.8	mg/kg	0.12	U	0.002	U
2-Butanone	500	0.12	mg/kg	0.58	U	0.0069	J
Acetone	500	0.05	mg/kg	0.58	U	0.047	
Benzene	44	0.06	mg/kg	0.029	U	0.0005	U
Carbon disulfide			mg/kg	0.58	U	0.01	U
cis-1,2-Dichloroethene	500	0.25	mg/kg	0.058	U	0.00086	J
Cyclohexane			mg/kg	0.58	U	0.01	U
Ethylbenzene	390	1	mg/kg	0.058	U	0.001	U
Isopropylbenzene			mg/kg	0.0087	J	0.001	U
Methyl Acetate			mg/kg	0.23	U	0.00097	J
Methyl cyclohexane			mg/kg	0.23	U	0.004	U
o-Xylene			mg/kg	0.058	U	0.001	U
p/m-Xylene			mg/kg	0.12	U	0.002	U
Toluene	500	0.7	mg/kg	0.058	U	0.001	U
trans-1,2-Dichloroethene	500	0.19	mg/kg	0.087	U	0.0015	U
Trichloroethene	200	0.47	mg/kg	0.029	U	0.0005	U
Vinyl chloride	13	0.02	mg/kg	0.058	U	0.001	U
Volatile Organics by EPA 5035 High							
Tetrachloroethene	150	1.3	mg/kg	-	-	-	-
Chlorobenzene	500	1.1	mg/kg	-	-	-	-
Ethylbenzene	390	1	mg/kg	-	-	-	-
o-Xylene			mg/kg	-	-	-	-
cis-1,2-Dichloroethene	500	0.25	mg/kg	-	-	-	-
Isopropylbenzene			mg/kg	-	-	-	-
Methyl Acetate			mg/kg	-	-	-	-
Cyclohexane			mg/kg	-	-	-	-
Methyl cyclohexane			mg/kg	-	-	-	-



Table 2. Subsurface Soil Results
Detected Compounds Only
2023 Subsurface Investigation Report

LOCATION				SOIL-112-30FTW		SOIL-113	
SAMPLING DATE				6/7/2023		6/7/2023	
SAMPLE DEPTH (ft.)				15 - 16		14 - 15	
	NY-RESC	NY-UNRES	Units	Results		Results	
Semivolatile Organics							
2-Methylnaphthalene			mg/kg	0.23	U	0.23	U
3-Methylphenol/4-Methylpheno	500	0.33	mg/kg	0.28	U	0.28	U
Acenaphthene	500	20	mg/kg	0.16	U	0.16	U
Acenaphthylene	500	100	mg/kg	0.16	U	0.16	U
Acetophenone			mg/kg	0.2	U	0.19	U
Anthracene	500	100	mg/kg	0.12	U	0.12	U
Benzaldehyde			mg/kg	0.26	U	0.26	U
Benzo(a)anthracene	5.6	1	mg/kg	0.032	J	0.12	U
Benzo(a)pyrene	1	1	mg/kg	0.16	U	0.16	U
Benzo(b)fluoranthene	5.6	1	mg/kg	0.12	U	0.12	U
Benzo(ghi)perylene	500	100	mg/kg	0.16	U	0.22	
Benzo(k)fluoranthene	56	0.8	mg/kg	0.12	U	0.12	U
Biphenyl			mg/kg	0.44	U	0.44	U
Bis(2-ethylhexyl)phthalate			mg/kg	0.2	U	0.19	U
Carbazole			mg/kg	0.2	U	0.19	U
Chrysene	56	1	mg/kg	0.022	J	0.12	U
Dibenzo(a,h)anthracene	0.56	0.33	mg/kg	0.12	U	0.024	J
Dibenzofuran	350	7	mg/kg	0.2	U	0.19	U
Fluoranthene	500	100	mg/kg	0.025	J	0.12	U
Fluorene	500	30	mg/kg	0.2	U	0.19	U
Indeno(1,2,3-cd)pyrene	5.6	0.5	mg/kg	0.16	U	0.12	J
Naphthalene	500	12	mg/kg	0.2	U	0.19	U
Phenanthrene	500	100	mg/kg	0.12	U	0.12	U
Phenol	500	0.33	mg/kg	0.2	U	0.19	U
Pyrene	500	100	mg/kg	0.031	J	0.12	U
Metals							
Arsenic, Total	16	13	mg/kg	-	-	1.96	
Barium, Total	400	350	mg/kg	-	-	30	
Cadmium, Total	9.3	2.5	mg/kg	-	-	0.083	J
Chromium, Total*	400	30	mg/kg	-	-	5.31	
Lead, Total	1000	63	mg/kg	-	-	3.47	
Mercury, Total	2.8	0.18	mg/kg	-	-	0.074	U
Selenium, Total	1500	3.9	mg/kg	-	-	0.312	J
Silver, Total	1500	2	mg/kg	-	-	0.228	U

Notes:
Samples were collected by CHA Consulting, Inc. and analyzed by Alpha Analytical
NY-RESC: New York NYCRR Part 375 Commercial Criteria, New York Restricted use Cri
NY-UNRES: New York NYCRR Part 375 New York Unrestricted use Criteria Criteria per f
U - parameter not detected at the RL
J - estimated parameter was detected above the MDL but below the RL
Blue shaded compounds exceed unrestricted SCOs & yellow colored comounds exceed c



Table 2. Subsurface Soil Results
Detected Compounds Only
2023 Subsurface Investigation Report

LOCATION				SOIL-114	SOIL-115	SOIL-116	SOIL-117
SAMPLING DATE				6/7/2023	6/7/2023	6/7/2023	6/7/2023
SAMPLE DEPTH (ft.)				14 - 15	9 - 10	14 - 15	12 - 13
	NY-RESC	NY-UNRES	Units	Results	Results	Results	Results
General Chemistry							
Solids, Total			%	60.8	55.8	84.2	83.5
Volatile Organics by EPA 5035 Low							
1,2-Dichlorobenzene	500	1.1	mg/kg	0.0034 U	0.0041 U	0.0017 U	0.002 U
1,4-Dichlorobenzene	130	1.8	mg/kg	0.0034 U	0.0041 U	0.0017 U	0.002 U
2-Butanone	500	0.12	mg/kg	0.025	0.023	0.0084 U	0.01 U
Acetone	500	0.05	mg/kg	0.09	0.16	0.0084 U	0.011
Benzene	44	0.06	mg/kg	0.00084 U	0.001 U	0.00042 U	0.00051 U
Carbon disulfide			mg/kg	0.017 U	0.02 U	0.0084 U	0.01 U
cis-1,2-Dichloroethene	500	0.25	mg/kg	0.0017 U	0.002 U	0.00084 U	0.001 U
Cyclohexane			mg/kg	0.017 U	0.02 U	0.066	0.01 U
Ethylbenzene	390	1	mg/kg	0.0017 U	0.002 U	0.00084 U	0.001 U
Isopropylbenzene			mg/kg	0.0017 U	0.002 U	0.023	0.001 U
Methyl Acetate			mg/kg	0.0067 U	0.021	0.0034 U	0.004 U
Methyl cyclohexane			mg/kg	0.0067 U	0.0082 U	0.79 E	0.004 U
o-Xylene			mg/kg	0.0017 U	0.00061 J	0.00084 U	0.001 U
p/m-Xylene			mg/kg	0.0034 U	0.0018 J	0.00058 J	0.002 U
Toluene	500	0.7	mg/kg	0.0017 U	0.0012 J	0.00082 J	0.001 U
trans-1,2-Dichloroethene	500	0.19	mg/kg	0.0025 U	0.0031 U	0.0012 U	0.0015 U
Trichloroethene	200	0.47	mg/kg	0.00084 U	0.00029 J	0.00042 U	0.00051 U
Vinyl chloride	13	0.02	mg/kg	0.0017 U	0.002 U	0.00084 U	0.001 U
Volatile Organics by EPA 5035 High							
Tetrachloroethene	150	1.3	mg/kg	- -	- -	0.028 U	- -
Chlorobenzene	500	1.1	mg/kg	- -	- -	0.028 U	- -
Ethylbenzene	390	1	mg/kg	- -	- -	0.055 U	- -
o-Xylene			mg/kg	- -	- -	0.055 U	- -
cis-1,2-Dichloroethene	500	0.25	mg/kg	- -	- -	0.055 U	- -
Isopropylbenzene			mg/kg	- -	- -	0.04 J	- -
Methyl Acetate			mg/kg	- -	- -	0.22 U	- -
Cyclohexane			mg/kg	- -	- -	0.054 J	- -
Methyl cyclohexane			mg/kg	- -	- -	0.7	- -



Table 2. Subsurface Soil Results
Detected Compounds Only
2023 Subsurface Investigation Report

LOCATION				SOIL-114	SOIL-115	SOIL-116	SOIL-117
SAMPLING DATE				6/7/2023	6/7/2023	6/7/2023	6/7/2023
SAMPLE DEPTH (ft.)				14 - 15	9 - 10	14 - 15	12 - 13
	NY-RESC	NY-UNRES	Units	Results	Results	Results	Results
Semivolatile Organics							
2-Methylnaphthalene			mg/kg	0.32 U	0.06 J	0.23 U	0.24 U
3-Methylphenol/4-Methylpheno	500	0.33	mg/kg	0.084 J	0.082 J	0.28 U	0.28 U
Acenaphthene	500	20	mg/kg	0.22 U	0.24 U	0.16 U	0.16 U
Acenaphthylene	500	100	mg/kg	0.22 U	0.24 U	0.16 U	0.046 J
Acetophenone			mg/kg	0.27 U	0.3 U	0.19 U	0.2 U
Anthracene	500	100	mg/kg	0.16 U	0.18 U	0.078 J	0.04 J
Benzaldehyde			mg/kg	0.36 U	0.39 U	0.26 U	0.26 U
Benzo(a)anthracene	5.6	1	mg/kg	0.16 U	0.1 J	0.12 U	0.12
Benzo(a)pyrene	1	1	mg/kg	0.22 U	0.082 J	0.16 U	0.12 J
Benzo(b)fluoranthene	5.6	1	mg/kg	0.16 U	0.11 J	0.12 U	0.14
Benzo(ghi)perylene	500	100	mg/kg	0.22 U	0.093 J	0.16 U	0.055 J
Benzo(k)fluoranthene	56	0.8	mg/kg	0.16 U	0.18 U	0.12 U	0.041 J
Biphenyl			mg/kg	0.62 U	0.68 U	0.44 U	0.45 U
Bis(2-ethylhexyl)phthalate			mg/kg	0.27 U	0.3 U	0.19 U	0.2 U
Carbazole			mg/kg	0.27 U	0.035 J	0.19 U	0.034 J
Chrysene	56	1	mg/kg	0.16 U	0.092 J	0.12 U	0.11 J
Dibenzo(a,h)anthracene	0.56	0.33	mg/kg	0.16 U	0.18 U	0.12 U	0.12 U
Dibenzofuran	350	7	mg/kg	0.27 U	0.3 U	0.19 U	0.024 J
Fluoranthene	500	100	mg/kg	0.041 J	0.17 J	0.12 U	0.29
Fluorene	500	30	mg/kg	0.27 U	0.032 J	0.27	0.032 J
Indeno(1,2,3-cd)pyrene	5.6	0.5	mg/kg	0.22 U	0.069 J	0.16 U	0.069 J
Naphthalene	500	12	mg/kg	0.27 U	9.7	0.19 U	0.034 J
Phenanthrene	500	100	mg/kg	0.16 U	0.16 J	0.53	0.27
Phenol	500	0.33	mg/kg	0.27 U	0.3 U	0.19 U	0.2 U
Pyrene	500	100	mg/kg	0.037 J	0.15 J	0.12 U	0.23
Metals							
Arsenic, Total	16	13	mg/kg	6.56	- -	- -	8.86
Barium, Total	400	350	mg/kg	78.7	- -	- -	151
Cadmium, Total	9.3	2.5	mg/kg	0.465 J	- -	- -	0.482
Chromium, Total*	400	30	mg/kg	16.9	- -	- -	14.8
Lead, Total	1000	63	mg/kg	77	- -	- -	287
Mercury, Total	2.8	0.18	mg/kg	0.578	- -	- -	0.338
Selenium, Total	1500	3.9	mg/kg	1.06 J	- -	- -	1.58
Silver, Total	1500	2	mg/kg	0.32 U	- -	- -	0.228 U

Notes:

Samples were collected by CHA Consulting, Inc. and analyzed by Alpha Analytical

NY-RESC: New York NYCRR Part 375 Commercial Criteria, New York Restricted use Cr

NY-UNRES: New York NYCRR Part 375 New York Unrestricted use Criteria Criteria per (

U - parameter not detected at the RL

J - estimated parameter was detected above the MDL but below the RL

Blue shaded compounds exceed unrestricted SCOs & yellow colored comounds exceed (



Table 3. Groundwater Results
Detected Compounds Only
2023 Subsurface Investigation Report

LOCATION			TMW-101	TMW-105	TMW-108	TMW-111	TMW-112	TMW-114	TMW-117
SAMPLING DATE			6/8/2023	6/8/2023	6/8/2023	6/8/2023	6/8/2023	6/8/2023	6/8/2023
SAMPLE TYPE			WATER	WATER	WATER	WATER	WATER	WATER	WATER
	NY-AWQS	Units	Results	Results	Results	Results	Results	Results	Results
Volatile Organics by GC/MS									
1,1-Dichloroethene	5	ug/l	4.8 J	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Acetone	50	ug/l	120 U	5 U	1.5 J	5 U	1.7 J	5 U	2.1 J
Benzene	1	ug/l	28	1.6	0.2 J	0.54	0.5 U	0.5 U	0.5 U
cis-1,2-Dichloroethene	5	ug/l	3500	2.5 U	6.1	16	2.5 U	1.1 J	2.5 U
Cyclohexane		ug/l	250 U	10 U	10 U	0.28 J	10 U	10 U	10 U
Trichloroethene	5	ug/l	4.4 J	0.5 U	0.5 U	0.48 J	0.5 U	0.5 U	0.5 U
Vinyl chloride	2	ug/l	20 J	530	8.1	6.4	0.34 J	0.1 J	1 U
Semivolatile Organics by GC/MS									
2-Methylnaphthalene		ug/l	0.1 U	0.05 J	0.1 U	0.1 U	0.03 J	0.02 J	0.1 U
Acenaphthene	20	ug/l	0.1 U	0.03 J	0.1 U	0.1 U	0.28	0.07 J	0.24
Acenaphthylene		ug/l	0.1 U	0.03 J	0.1 U	0.1 U	0.03 J	0.02 J	0.04 J
Anthracene	50	ug/l	0.1 U	0.03 J	0.1 U	0.1 U	0.15	0.16	0.07 J
Benzo(a)anthracene	0.002	ug/l	0.1 U	0.03 J	0.1 U	0.1 U	0.08 J	0.19	0.15
Benzo(a)pyrene	0	ug/l	0.1 U	0.03 J	0.1 U	0.1 U	0.08 J	0.2	0.14
Benzo(b)fluoranthene	0.002	ug/l	0.1 U	0.04 J	0.1 U	0.1 U	0.09 J	0.23	0.16
Benzo(ghi)perylene		ug/l	0.1 U	0.03 J	0.1 U	0.1 U	0.06 J	0.09 J	0.09 J
Benzo(k)fluoranthene	0.002	ug/l	0.1 U	0.03 J	0.1 U	0.1 U	0.04 J	0.08 J	0.06 J
Bis(2-ethylhexyl)phthalate	5	ug/l	3 U	3 U	1.5 J	3 U	1.8 J	3 U	3 U
Caprolactam		ug/l	4.9 J	10 U	3.4 J	5 J	8.3 J	5.6 J	3.4 J
Chrysene	0.002	ug/l	0.1 U	0.03 J	0.1 U	0.1 U	0.08 J	0.18	0.12
Dibenzo(a,h)anthracene		ug/l	0.1 U	0.02 J	0.1 U	0.1 U	0.03 J	0.03 J	0.02 J
Fluoranthene	50	ug/l	0.1 U	0.04 J	0.1 U	0.1 U	0.37	0.56	0.33
Fluorene	50	ug/l	0.1 U	0.04 J	0.1 U	0.1 U	0.18	0.08 J	0.07 J
Indeno(1,2,3-cd)pyrene	0.002	ug/l	0.1 U	0.03 J	0.1 U	0.1 U	0.06 J	0.1 J	0.09 J
Naphthalene	10	ug/l	0.1 U	0.08 J	0.1 U	0.1 U	0.06 J	0.1 U	0.1 U
Phenanthrene	50	ug/l	0.1 U	0.04 J	0.1 U	0.1 U	0.19	0.51	0.2
Pyrene	50	ug/l	0.1 U	0.05 J	0.1 U	0.1 U	0.29	0.48	0.29
Metals									
Arsenic, Total	25	ug/l	26.01	23.13	39.64	19.15	19.86	42.24	58.15
Barium, Total	1000	ug/l	490.8	1689	1213	526.2	459.2	1063	1639
Cadmium, Total	5	ug/l	0.69	0.8	0.59	0.66	6.99	1.47	1.53
Chromium, Total	50	ug/l	45.97	53.93	57.9	43.34	13.65	66.09	99.25
Lead, Total	25	ug/l	69.88	101.9	140.5	69.22	513.2	224.2	2759
Mercury, Total	0.7	ug/l	0.2 U	0.2	4.19	0.2 U	1.98	0.31	8.94
Selenium, Total	10	ug/l	15.7	16.9	10.8	13.3	3.63 J	24.9	14.4
Silver, Total	50	ug/l	0.4 U	0.8 U	0.8 U	0.4 U	0.35 J	0.33 J	0.92

Notes:

Samples were collected by CHA Consulting, Inc. and analyzed by Alpha Analytical

NY-AWQS: New York TOGS 111 Ambient Water Quality Standards criteria reflects all addendum to criteria through June 2004.

U - parameter not detected at the RL

J - estimated parameter was detected above the MDL but below the RL

Blue shaded compounds exceed TOGS 1.1.1



Table 4. NYSDOH Decision Matrix Comparison
2023 Subsurface Investigation Report

LOCATION		IA-01		SSV-01		IA-02		SSV-02		IA-03		SSV-03		IA-04		SSV-04		IA-05		SSV-05		IA-06		SSV-06	
SAMPLING DATE		6/9/2023		6/9/2023		6/9/2023		6/9/2023		6/9/2023		6/9/2023		6/9/2023		6/9/2023		6/9/2023		6/9/2023		6/9/2023		6/9/2023	
SAMPLE TYPE		AIR		SOIL_VAPOR		AIR		SOIL_VAPOR		AIR		SOIL_VAPOR		AIR		SOIL_VAPOR		AIR		SOIL_VAPOR		AIR		SOIL_VAPOR	
	Units	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual
Volatile Organics in Air and SIM																									
Vinyl chloride	ug/m3	0.051	U	0.511	U	0.051	U	22.8	U	0.051	U	0.511	U	0.051	U	0.511	U	0.051	U	0.511	U	0.051	U	0.511	U
1,1-Dichloroethene	ug/m3	0.079	U	0.793	U	0.079	U	35.3	U	0.079	U	0.793	U	0.079	U	0.793	U	0.079	U	0.793	U	0.079	U	0.793	U
Methylene chloride	ug/m3	1.74	U	63.9		1.74	U	77.5	U	1.74	U	7.09		1.74	U	1.74	U	1.74	U	1.74	U	1.74	U	1.74	U
cis-1,2-Dichloroethene	ug/m3	0.143		0.793	U	0.159		46.4		0.139		0.793	U	0.079	U	0.793	U	0.079	U	0.793	U	0.079	U	0.793	U
1,1,1-Trichloroethane	ug/m3	0.109	U	38.2		0.109	U	48.6	U	0.109	U	3.24		0.109	U	1.09	U	0.109	U	1.09	U	0.109	U	1.09	U
Carbon tetrachloride	ug/m3	0.359		1.26	U	0.327		56	U	0.34		4.62		0.283		1.26	U	0.321		1.26	U	0.283		1.26	U
Trichloroethene	ug/m3	0.769		1.07	U	0.812		2120		0.672		1.07	U	0.107	U	1.07	U	0.107	U	1.07	U	0.107	U	1.07	U
Tetrachloroethene	ug/m3	14.6		137		11.9		42000	E	9.29		186		0.17		71.2		0.19		1.39		0.176		3.01	

Samples Collected by CHA Consulting and analyzed by Alpha Analytical
NYSDOH Decision Matrices (rev. 2017) indicators:

- No Further Action
- Monitor
- Mitigate



Table 5. Air Sample Results
Detected Compounds Only
2023 Subsurface Investigation Report

LOCATION			IA-01		SSV-01		IA-02		SSV-02		IA-03		SSV-03	
SAMPLING DATE			6/9/2023		6/9/2023		6/9/2023		6/9/2023		6/9/2023		6/9/2023	
SAMPLE TYPE			AIR		SOIL_VAPOR		AIR		SOIL_VAPOR		AIR		SOIL_VAPOR	
	Table C2. Indoor Air 95th Percentile	Units	Results		Results		Results		Results		Results		Results	
Volatile Organics in Air														
1,1,1-Trichloroethane	3.8	ug/m3	-	-	38.2		-	-	48.6	U	-	-	3.24	
1,2,4-Trimethylbenzene	7.1	ug/m3	59		0.983	U	34.8		43.8	U	46.5		0.983	U
1,3,5-Trimethylbenzene	3.3	ug/m3	14.3		0.983	U	9.49		43.8	U	12.5		0.983	U
2,2,4-Trimethylpentane		ug/m3	186		0.934	U	238		41.6	U	259		0.934	U
2-Butanone	14.8	ug/m3	26.5		2.42		10.6		65.8	U	9.44		1.47	U
4-Ethyltoluene	3.3	ug/m3	16		0.983	U	9		43.8	U	12		0.983	U
4-Methyl-2-pentanone	8.1	ug/m3	4.47		2.05	U	6.43		91.4	U	5.9		2.05	U
Acetone	120.2	ug/m3	3160	E	113		1150		106	U	1120		21.2	
Benzene	9.6	ug/m3	94.9		2.19		104		28.5	U	104		1.98	
Carbon disulfide	8.3	ug/m3	0.623	U	1.43		0.623	U	27.7	U	0.623	U	0.623	U
Carbon tetrachloride	0.7	ug/m3	-	-	1.26	U	-	-	56	U	-	-	4.62	
Chloroform	0.7	ug/m3	0.977	U	0.977	U	0.977	U	43.5	U	0.977	U	1.48	
Chloromethane	4.4	ug/m3	1.28		0.413	U	1.34		18.4	U	1.26		0.413	U
cis-1,2-Dichloroethene	<1.8	ug/m3	-	-	0.793	U	-	-	46.4		-	-	0.793	U
Cyclohexane		ug/m3	115		2.24		126		30.7	U	129		1.64	
Dichlorodifluoromethane	32.9	ug/m3	4.73		4.92		4.12		44.1	U	4.58		2.97	
Ethanol	290	ug/m3	644		9.42	U	1030	E	420	U	959	E	9.42	U
Ethylbenzene	7.6	ug/m3	73		1.34		50.8		38.7	U	54.7		0.869	U
Heptane		ug/m3	145		9.34		148		36.5	U	152		6.35	
Isopropanol		ug/m3	6.39		1.82		4.5		54.8	U	4.03		1.23	U
Methylene chloride	16	ug/m3	1.74	U	63.9		1.74	U	77.5	U	1.74	U	7.09	
n-Hexane	15.2	ug/m3	356	E	8.95		402	E	31.4	U	331	E	5.29	
o-Xylene	11.2	ug/m3	89		1.58		61.7		38.7	U	68.6		1.18	
p/m-Xylene	28.5	ug/m3	249		5.39		169		77.3	U	183		3.83	
Tetrachloroethene	25.4	ug/m3	-	-	137		-	-	42000	E	-	-	186	
Tetrahydrofuran		ug/m3	6.16		1.47	U	8.82		65.8	U	7.02		1.47	U
Toluene	70.8	ug/m3	2800	E	82.9		516	E	39.2		396	E	12	
Trichloroethene	2.6	ug/m3	-	-	1.07	U	-	-	2120		-	-	1.07	U
Trichlorofluoromethane	54	ug/m3	52.8		17		52.6		50.1	U	48.4		5.96	
Volatile Organics in Air by SIM														
Carbon tetrachloride	0.7	ug/m3	0.359		-	-	0.327		-	-	0.34		-	-
cis-1,2-Dichloroethene	<2.0	ug/m3	0.143		-	-	0.159		-	-	0.139		-	-
Tetrachloroethene	25.4	ug/m3	14.6		-	-	11.9		-	-	9.29		-	-
Trichloroethene	6.5	ug/m3	0.769		-	-	0.812		-	-	0.672		-	-

Notes:

Samples Collected by CHA Consulting and analyzed by Alpha Analytical

BOLD Exceeds the NYSDOH Table C2. value for indoor air via Summa Cannister method

U - parameter was not detected at the RL displayed

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



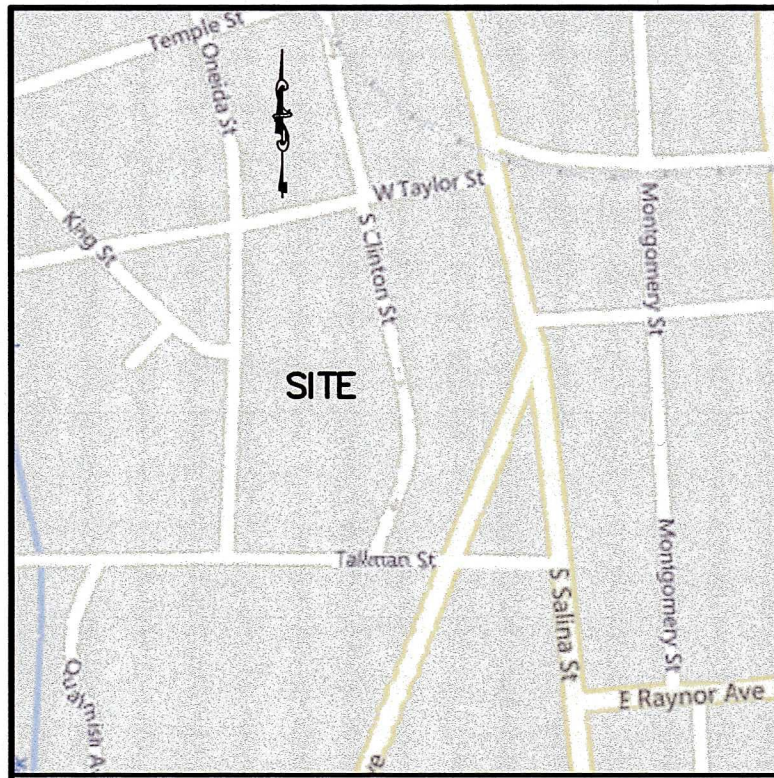
Table 5. Air Sample Results
Detected Compounds Only
2023 Subsurface Investigation Report

IA-04		SSV-04		IA-05		SSV-05		IA-06		SSV-06	
6/9/2023		6/9/2023		6/9/2023		6/9/2023		6/9/2023		6/9/2023	
AIR		SOIL_VAPOR		AIR		SOIL_VAPOR		AIR		SOIL_VAPOR	
Results		Results		Results		Results		Results		Results	
-	-	1.09	U	-	-	1.09	U	-	-	1.09	U
0.983	U	0.983	U	0.983	U	0.983	U	0.983	U	0.983	U
0.983	U	0.983	U	0.983	U	0.983	U	0.983	U	0.983	U
0.934	U	0.934	U	0.934	U	0.934	U	0.934	U	0.934	U
1.47	U	1.91		1.47	U	1.47	U	1.47	U	1.47	U
0.983	U	0.983	U	0.983	U	0.983	U	0.983	U	0.983	U
2.05	U	2.05	U	2.05	U	2.05	U	2.05	U	2.05	U
23.3		6.34		21.6		10.1		16.5		5.63	
0.639	U	0.639	U	0.639	U	2.28		0.639	U	0.639	U
0.623	U	5.61		0.623	U	0.657		0.623	U	0.623	U
-	-	1.26	U	-	-	1.26	U	-	-	1.26	U
0.977	U	0.977	U	0.977	U	0.977	U	0.977	U	0.977	U
1.08		0.413	U	0.954		0.413	U	1.07		0.413	U
-	-	0.793	U	-	-	0.793	U	-	-	0.793	U
0.688	U	1.12		0.688	U	1.99		0.688	U	0.688	U
2.31		2.46		2.31		2.43		2.31		2.55	
9.42	U	9.42	U	9.42	U	9.42	U	9.42	U	9.42	U
0.869	U	0.869	U	0.869	U	0.895		0.869	U	0.869	U
0.82	U	2.56		0.82	U	5.25		0.82	U	0.82	U
1.37		1.23	U	1.23	U	1.79		14.3		1.23	U
1.74	U	1.74	U	1.74	U	1.74	U	1.74	U	1.74	U
0.705	U	4.44		0.705	U	3.98		0.705	U	0.705	U
0.869	U	0.869	U	0.869	U	1.03		0.869	U	0.869	U
1.74	U	1.74	U	1.74	U	4.47		1.74	U	1.74	U
-	-	71.2		-	-	1.39		-	-	3.01	
2.17		2.08		1.85		1.47	U	1.71		2.84	
24		0.874		14.1		8.37		5.24		0.757	
-	-	1.07	U	-	-	1.07	U	-	-	1.07	U
1.46		1.66		1.33		7.98		1.25		1.61	
0.283		-	-	0.321		-	-	0.283		-	-
0.079	U	-	-	0.079	U	-	-	0.079	U	-	-
0.17		-	-	0.19		-	-	0.176		-	-
0.107	U	-	-	0.107	U	-	-	0.107	U	-	-



Attachment A

Parcel Map



LOCATION PLAN
Scale: 1" = 500'

NOTES:

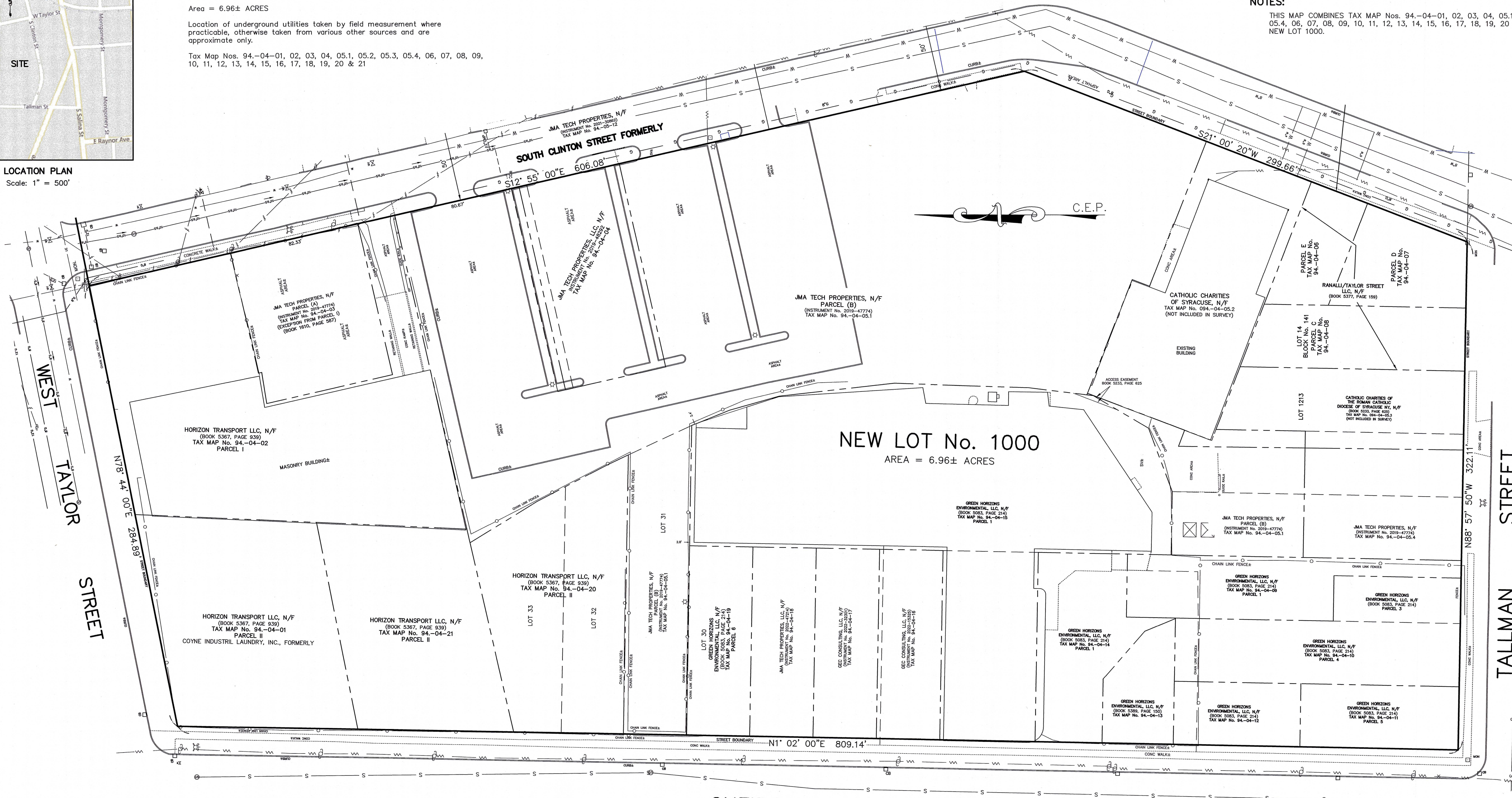
Area = 6.96± ACRES

Location of underground utilities taken by field measurement where practicable, otherwise taken from various other sources and are approximate only.

Tax Map Nos. 94-04-01, 02, 03, 04, 05.1, 05.2, 05.3, 05.4, 06, 07, 08, 09, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20 & 21

NOTES:

THIS MAP COMBINES TAX MAP Nos. 94-04-01, 02, 03, 04, 05.1, 05.2, 05.3, 05.4, 06, 07, 08, 09, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20 & 21 INTO NEW LOT 1000.

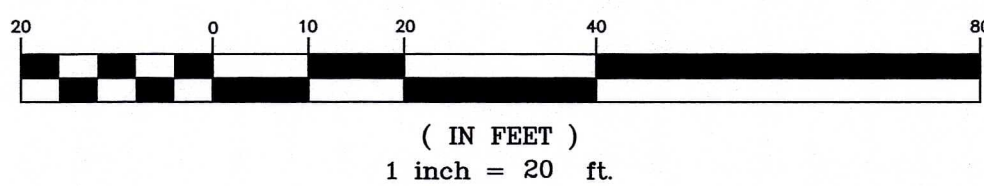


LEGEND:

- ☆ LS indicates light stand
- indicates utility pole, anchor & overhead lines
- IFF indicates iron pipe and/or monument found
- IND indicates iron pipe and/or monument found
- indicates bollard
- indicates sign
- 12" CUP indicates storm culvert
- 6" G indicates gas main, gas valve & gas line marker
- 8" W indicates water main, water valve & hydrant
- 18" D indicates storm sewer, catch basin & manhole
- 8" S indicates sanitary sewer, sewer vent & manhole
- TEL indicates underground telephone line, manhole & box
- UE indicates underground electric line & manhole
- CATV indicates underground television cable & box
- indicates 6" diameter bollard (typical)
- indicates 6" diameter monitoring well (typical)

- indicates boundary line
- indicates adjacent parcel line
- indicates old/original parcel line
- indicates easement line
- indicates centerline road

GRAPHIC SCALE



THE UNDERSIGNED HEREBY CERTIFIES THAT THIS IS A CORRECT MAP MADE FROM AN ACTUAL SURVEY.

N.Y.S. Licensed Surveyor

Subject to any statement of facts on accurate and up to date abstract of title will show. Unauthorized alteration or addition to a survey map bearing a licensed land surveyor's seal is a violation of section 7209, sub-division 2, of the New York State Education Law.

CITY OF SYRACUSE FINANCE DEPT.

The City of Syracuse hereby certifies that all property taxes due on this property have been paid as of this date: 4/26/24

Veronica H. Voss, Deputy Commissioner

CITY OF SYRACUSE DEPT. OF ENGINEERING

CITY OF SYRACUSE, NY DEPARTMENT OF ENGINEERING FINAL TRAC PLAN APPROVED 4/30/24

Man E. Voss, P.E.

CITY OF SYRACUSE PLANNING COMMISSION

Syracuse Planning Commission SYRACUSE, NEW YORK APPROVED 10/30/23 BY Wade

CITY OF SYRACUSE ASSESSMENT

Date Reviewed: 3-13-24

Ann E. Gallagher 1st Deputy Commissioner of Assessment

ONONDAGA COUNTY HEALTH DEPT.

ONONDAGA COUNTY HEALTH DEPARTMENT DIVISION OF ENVIRONMENTAL HEALTH MAR 07 2024 The proposed arrangements for water supply and sewage disposal for this project are acceptable to this Department. Subdivision approval by this Department is not required.

Bureau of Public Health Engineering

REVISIONS

FINAL PLAN

JMA WIRELESS

CITY OF SYRACUSE ONONDAGA COUNTY, NEW YORK

IANUZI & ROMANS LAND SURVEYING, P.C.

5251 WITZ DRIVE NORTH SYRACUSE, NY 13212 PHONE: (315) 457-7200 FAX: (315) 457-9251 EMAIL: mail@romanspc.com

DATE: JULY 7, 2023

SCALE: 1" = 30'

FILE No.: 2286.086

SHEET No.

F.B. No. 1729



Attachment B

Surface Soil Field Logs

	Surficial Soil Sampling Log	Sample Designation: <u>SURF-01</u>
Project Name:		Logged By:
Project Location:		Date: <u>6-7-23</u>
Project Number:		
Sampling Information:		
Sampling Method: <u>grab composite</u>		Sampling Depth: <u>4 inches</u>
Sampling Time: <u>1045</u>		Sampling Type: <u>composite</u>
Sample Analyses: <u>SVOC/RCRA8/TS</u>		No. of Bottles: <u>3</u>
Adjacent Land Use: % Woodland _____ % Wetland _____ % Farmland _____ % Comm/Ind. <u>100</u> % Res. _____		
Soil Substrate: % Gravel <u>10</u> % Sand <u>50</u> % Silt/Clay <u>40</u> % Organic Material _____		
Soil Color: <u>brown</u> Moisture Content: <u>dry</u>		
Comments: _____ f. sand and silty clay, trace gravel, glass, brick, brown, loose, dry SVOC/RCRA8 metals/TS adjacent to suspected UST, at back door to boiler		



Surficial Soil Sampling Log

Sample Designation: SURF-02

Project Name:

Logged By:

Project Location:

Date: 6-7-23

Project Number:

Sampling Information:

Sampling Method: _____

Sampling Depth: 6 inches

Sampling Time: 1150

Sampling Type: composite

Sample Analyses: SUDY/RLRA8/TS

No. of Bottles: 3

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

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

Soil Color: _____ Moisture Content: _____

Comments: _____

f. sand, little f.c. gravel, little silty clay, glass, brick, unders,
black and brown, dry
adjacent to former coal fired heating system in rear of building.

	Surficial Soil Sampling Log	Sample Designation: <u>SURF-03</u>
Project Name:		Logged By:
Project Location:		Date: <u>6.7.23</u>
Project Number:		
Sampling Information:		
Sampling Method: _____		Sampling Depth: <u>6 inches</u>
Sampling Time: <u>1225</u>		Sampling Type: _____
Sample Analyses: <u>SVOC/RCRA8/Ts</u>		No. of Bottles: <u>3</u>
Adjacent Land Use: % Woodland _____ % Wetland _____ % Farmland _____ % Comm/Ind. _____ % Res. _____		
Soil Substrate: % Gravel _____ % Sand _____ % Silt/Clay _____ % Organic Material _____		
Soil Color: <u>brown</u> Moisture Content: _____		
Comments: _____ <u>f. sand, little f.c. gravel, little silty clay, glass, brick, brown, dry</u> <u>beneath 2 old transformers that appeared to have spilled.</u>		

CHA	Surficial Soil Sampling Log	Sample Designation: <u>SURF-04</u>
Project Name:		Logged By:
Project Location:		Date: <u>6.7.23</u>
Project Number:		
Sampling Information:		
Sampling Method: _____		Sampling Depth: _____
Sampling Time: <u>1320</u>		Sampling Type: _____
Sample Analyses: <u>SVOC/RCRA8/TS</u>		No. of Bottles: _____
Adjacent Land Use: % Woodland _____ % Wetland _____ % Farmland _____ % Comm/Ind. <u>100</u> % Res. _____		
Soil Substrate: % Gravel _____ % Sand _____ % Silt/Clay _____ % Organic Material _____		
Soil Color: _____ Moisture Content: _____		
Comments: _____ <u>South east corner of building. Along fence line.</u> <u>Silty clay and f.c. gravel, brown and dark gray. compact, moist</u>		

	Surficial Soil Sampling Log	Sample Designation: <u>SURF-05</u>
Project Name:		Logged By:
Project Location:		Date: <u>6.7.23</u>
Project Number:		
Sampling Information:		
Sampling Method: <u>Composite</u>		Sampling Depth: <u>6 inches</u>
Sampling Time: _____		Sampling Type: _____
Sample Analyses: <u>SVOC/PCRA8/HS</u>		No. of Bottles: <u>3</u>
Adjacent Land Use: % Woodland _____ % Wetland _____ % Farmland _____ % Comm/Ind. _____ % Res. _____		
Soil Substrate: % Gravel _____ % Sand _____ % Silt/Clay _____ % Organic Material _____		
Soil Color: <u>brown</u> Moisture Content: _____		
Comments: _____ <u>fine Sand and f.c. gravel, brown, compact, dry</u> <u>behind trash bins by former Catholic Charities</u>		

Attachment C

Soil Boring Logs



PROJECT NUMBER: 059294.001

6/20/2023

JMA Additional Parcels
SUBSURFACE LOG
HOLE NUMBER SB-100

Page 1 of 1

LOCATION: Syracuse, New York

CLIENT: GEC Consulting, Inc.

CONTRACTOR: Cascade

DRILLER: Chris Aldrich

INSPECTOR: K. Ehmann

START DATE and TIME: 6/5/2023 12:45:00 PM

FINISH DATE and TIME: 6/5/2023 1:30:00 PM

SURFACE
ELEV:

CHECKED BY: K. Ehmann

DRILL FLUID: None

DRILLING RIG:

DATE

TIME

WATER
DEPTH (ft)CASING
BOTTOM (ft)HOLE
BOTTOM (ft)WATER LEVEL
OBSERVATIONS

SAMP./CORE NUMBER	SAMP. ADV. (ft) LEN. CORE (ft)	RECOVERY (ft)	PID Readings (ppm)	"N" Value or RQD%	SAMPLE	DEPTH (Feet)	GRAPHICS	DESCRIPTION AND CLASSIFICATION	ELEVATION (Feet)	Remarks on Character of Drilling, Water Return, etc.	WATER LEVELS AND/OR WELL DATA
S1	5	2.7	0.0			5		CRUSHED STONE, (FILL) Silty CLAY , Some f. Gravel, brown stiff, moist, brick (FILL) f.c. GRAVEL , angular, black and white, compact, moist (FILL) Silty CLAY , brown, stiff, moist, brick (FILL) c. GRAVEL , angular, grey, dry (FILL) Silty CLAY , trace f. gravel, brown, stiff, moist (ML)			
S2	5	5	0.0			10		Silty CLAY , brown, stiff, moist (ML) becomes grey			
S3	5	4.2	0.0			15		f. SAND , Some f. Gravel, trace silt, brown, loose, moist (SP) f.m.c. SAND , Some f.c. Gravel, grey, loose, wet (SP)		Soil sample SOIL-100 collected from 11 to 12 ft bgs.	
S4	5	3.6	0.0			20		c. SAND , trace f. gravel, grey, loose, wet (SP) f. SAND , grey, loose, wet (SP)			
S5	5	5	0.0								

End of Boring at 25 ft



PROJECT NUMBER: 059294.001

6/20/2023

JMA Additional Parcels
SUBSURFACE LOG
HOLE NUMBER SB-101

Page 1 of 1

LOCATION: Syracuse, New York

CLIENT: GEC Consulting, Inc.

CONTRACTOR: Cascade

DRILLER: Chris Aldrich

INSPECTOR: K. Ehmann

START DATE and TIME: 6/5/2023 1:50:00 PM

FINISH DATE and TIME: 6/5/2023 2:30:00 PM

SURFACE
ELEV:

CHECKED BY: K. Ehmann

DRILL FLUID: None

DRILLING RIG:

WATER LEVEL
OBSERVATIONS

DATE

TIME

WATER
DEPTH (ft)CASING
BOTTOM (ft)HOLE
BOTTOM (ft)

6-8-23

00:00

11.5

25

25

SAMP./CORE NUMBER	SAMP. ADV. (ft) LEN. CORE (ft)	RECOVERY (ft)	PID Readings (ppm)	"N" Value or RQD%	SAMPLE	DEPTH (Feet)	GRAPHICS	DESCRIPTION AND CLASSIFICATION	ELEVATION (Feet)	Remarks on Character of Drilling, Water Return, etc.	WATER LEVELS AND/OR WELL DATA
S1	5	2.9	0.0					CRUSHED STONE, (FILL)			
								Silty CLAY , little f. gravel, brown, compact, moist (FILL)			
						5		Silty CLAY , stiff, brown, moist (CL-ML)			
S2	5	4.2	0.0					becomes grey			
						10					
S3	5	4.2	0.0					SILT , Some f. Sand, brown, soft, moist (ML) becomes grey			
						15		f.m.c. SAND , dark grey, loose, we (SP)		Soil sample SOIL-101 collected from 13 to 14 ft bgs.	
								m.c. SAND , Some f. Gravel, grey, medium compact, wet (SP)			
S4	5	3.1	0.0					Silty CLAY , grey, soft, wet (CL-ML)			
						20					
S5	5	5	0.0					f. SAND , grey, wet, loose (SP)			

End of Boring at 25 ft



PROJECT NUMBER: 059294.001

6/20/2023

JMA Additional Parcels**SUBSURFACE LOG****HOLE NUMBER SB-102**

Page 1 of 1

LOCATION: Syracuse, New York

CLIENT: GEC Consulting, Inc.

CONTRACTOR: Cascade

DRILLER: Chris Aldrich

INSPECTOR: K. Ehmann

START DATE and TIME: 6/5/2023 2:45:00 PM

FINISH DATE and TIME: 6/5/2023 3:10:00 PM

SURFACE
ELEV:

CHECKED BY: K. Ehmann

DRILL FLUID: None

DRILLING RIG:

DATE

TIME

WATER
DEPTH (ft)CASING
BOTTOM (ft)HOLE
BOTTOM (ft)WATER LEVEL
OBSERVATIONS

SAMP./CORE NUMBER	SAMP. ADV. (ft) LEN. CORE (ft)	RECOVERY (ft)	PID Readings (ppm)	"N" Value or RQD%	SAMPLE	DEPTH (Feet)	GRAPHICS	DESCRIPTION AND CLASSIFICATION	ELEVATION (Feet)	Remarks on Character of Drilling, Water Return, etc.	WATER LEVELS AND/OR WELL DATA
S1	5	4.1	0.0			2		CRUSHED STONE, (FILL)			
						4		SILT , brown, stiff, moist (FILL)			
								BRICK, (FILL)			
								f.m.c. SAND , grey and black, compact, moist (FILL)			
								Silty CLAY , brown, stiff, moist (FILL)			
						6		CRUSHED STONE , black and orange, medium compact, moist (FILL)			
								Silty CLAY , brown, stiff, moist (ML)			
S2	5	5	0.0			8		becomes grey			
						10		becomes soft			
S3	5	3.6	0.0			12		f. SAND , Some Silty Clay, grey, medium compact, wet (SM)		Soil sample SOIL-102 collected from 12 to 13 ft bgs.	
						14		f.m.c. SAND , little f. gravel, grey, medium compact, wet (SP)			
S4	5	3	0.0			16					
						18					

End of Boring at 20 ft



PROJECT NUMBER: 059294.001

6/20/2023

JMA Additional Parcels**SUBSURFACE LOG****HOLE NUMBER SB-103**

Page 1 of 1

LOCATION: Syracuse, New York

CLIENT: GEC Consulting, Inc.

CONTRACTOR: Cascade

DRILLER: Chris Aldrich

INSPECTOR: K. Ehmann

START DATE and TIME: 6/5/2023 4:20:00 PM

FINISH DATE and TIME: 6/5/2023 4:00:00 PM

SURFACE
ELEV:

CHECKED BY: K. Ehmann

DRILL FLUID: None

DRILLING RIG:

DATE

TIME

WATER
DEPTH (ft)CASING
BOTTOM (ft)HOLE
BOTTOM (ft)WATER LEVEL
OBSERVATIONS

SAMP./CORE NUMBER	SAMP. ADV. (ft) LEN. CORE (ft)	RECOVERY (ft)	PID Readings (ppm)	"N" Value or RQD%	SAMPLE	DEPTH (Feet)	GRAPHICS	DESCRIPTION AND CLASSIFICATION	ELEVATION (Feet)	Remarks on Character of Drilling, Water Return, etc.	WATER LEVELS AND/OR WELL DATA
S1	5	4.1	0.0			2		TOPSOIL, (FILL) ASPHALT PAVEMENT, (FILL)			
						4		SILT , trace f. sand, brown, compact, moist (FILL) f.m.c. SAND , white and black, loose, moist (FILL)			
						6		Silty CLAY , brown, stiff, moist (FILL)			
S2	5	5	0.0			8		BRICK, (FILL)			
						10		f. GRAVEL , angular, black, compact, wet (FILL)			
						12		Silty CLAY , black, soft, wet, slight petroleum-like odor (ML)			
S3	5	3.6	0.0			14		f.m.c. SAND , gray, loose, wet (SP)		Soil sample SOIL-103 collected from 12.5 to 13.5 ft bgs.	
						16		f. SAND , trace f. gravel, grey, loose, wet (SP)			
S4	5	3	0.0			18		f.m.c. SAND , grey, medium compact, wet (SP)			

End of Boring at 20 ft



PROJECT NUMBER: 059294.001

6/20/2023

JMA Additional Parcels**SUBSURFACE LOG****HOLE NUMBER SB-104**

Page 1 of 1

LOCATION: Syracuse, New York

CLIENT: GEC Consulting, Inc.

CONTRACTOR: Cascade

DRILLER: Chris Aldrich

INSPECTOR: K. Ehmann

START DATE and TIME: 6/5/2023 4:00:00 PM

FINISH DATE and TIME: 6/5/2023 4:25:00 PM

SURFACE
ELEV:

CHECKED BY: K. Ehmann

DRILL FLUID: None

DRILLING RIG:

DATE

TIME

WATER
DEPTH (ft)CASING
BOTTOM (ft)HOLE
BOTTOM (ft)WATER LEVEL
OBSERVATIONS

SAMP./CORE NUMBER	SAMP. ADV. (ft) LEN. CORE (ft)	RECOVERY (ft)	PID Readings (ppm)	"N" Value or RQD%	SAMPLE	DEPTH (Feet)	GRAPHICS	DESCRIPTION AND CLASSIFICATION	ELEVATION (Feet)	Remarks on Character of Drilling, Water Return, etc.	WATER LEVELS AND/OR WELL DATA
S1	5	2.8	0.0			2		<u>CRUSHED STONE</u> , (FILL)			
								<u>ASPHALT PAVEMENT</u> , (FILL)			
						4		<u>Silty CLAY</u> , trace f. gravel, brown, stiff, moist (ML)			
S2	5	2.8	0.0			8		<u>f.m.c. SAND</u> , Some c. Gravel, grey, loose, wet (SP)			
						10		<u>Silty CLAY</u> , grey, soft, wet (ML)			
S3	5	3.5	0.0			12		becomes black, slight petroleum-like odor		Soil sample SOIL-104 collected from 12 to 13 ft bgs.	
						14		<u>f. SAND</u> , dark grey, loose, wet (SP)			
						16		<u>f.m.c. SAND</u> , Some f. Gravel, dark grey, loose, wet (SP)			
S4	5	3.1	0.0			18					

End of Boring at 20 ft



PROJECT NUMBER: 059294.001

6/20/2023

JMA Additional Parcels
SUBSURFACE LOG
HOLE NUMBER SB-105

Page 1 of 1

LOCATION: Syracuse, New York

CLIENT: GEC Consulting, Inc.

CONTRACTOR: Cascade

DRILLER: Chris Aldrich

INSPECTOR: A. Hodgins

START DATE and TIME: 6/6/2023 9:30:00 AM

FINISH DATE and TIME: 6/6/2023 10:15:00 AM

SURFACE
ELEV:

CHECKED BY: K. Ehmann

DRILL FLUID: None

DRILLING RIG:

DATE

TIME

WATER
DEPTH (ft)CASING
BOTTOM (ft)HOLE
BOTTOM (ft)WATER LEVEL
OBSERVATIONS

SAMP./CORE NUMBER	SAMP. ADV. (ft) LEN. CORE (ft)	RECOVERY (ft)	PID Readings (ppm)	"N" Value or RQD%	SAMPLE	DEPTH (Feet)	GRAPHICS	DESCRIPTION AND CLASSIFICATION	ELEVATION (Feet)	Remarks on Character of Drilling, Water Return, etc.	WATER LEVELS AND/OR WELL DATA
S1	5	2.7	0.0			5		CRUSHED STONE, (FILL) f.m.c. SAND, (FILL) ASPHALT PAVEMENT, (FILL)			
S2	5	2.6	0.0			10		Silty CLAY , brown, medium stiff, moist (CL-ML)			
S3	5	5	0.0			15		f. SAND , Some Silty Clay, brown, medium stiff, moist (SM)			
S4	5	4.2	0.0			20		m.c. SAND , little f. gravel, gray, wet (SP)			
S5	5	5	0.0			25		f. SAND , trace silt, gray, wet (SM)			
								Silty CLAY , gray, wet (CL-ML)		Soil sample SOIL-105 collected from 16 to 17 ft bgs.	

End of Boring at 25 ft



PROJECT NUMBER: 059294.001

6/20/2023

JMA Additional Parcels**SUBSURFACE LOG****HOLE NUMBER SB-106**

Page 1 of 1

LOCATION: Syracuse, New York

CLIENT: GEC Consulting, Inc.

CONTRACTOR: Cascade

DRILLER: Chris Aldrich

INSPECTOR: A. Hodgins

START DATE and TIME: 6/6/2023 10:20:00 AM

FINISH DATE and TIME: 6/6/2023 10:50:00 AM

SURFACE
ELEV:

CHECKED BY: K. Ehmann

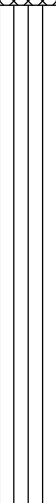
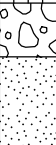
DRILL FLUID: None

DRILLING RIG:

DATE

TIME

WATER
DEPTH (ft)CASING
BOTTOM (ft)HOLE
BOTTOM (ft)WATER LEVEL
OBSERVATIONS

SAMP./CORE NUMBER	SAMP. ADV. (ft) LEN. CORE (ft)	RECOVERY (ft)	PID Readings (ppm)	"N" Value or RQD%	SAMPLE	DEPTH (Feet)	GRAPHICS	DESCRIPTION AND CLASSIFICATION	ELEVATION (Feet)	Remarks on Character of Drilling, Water Return, etc.	WATER LEVELS AND/OR WELL DATA
S1	5	2.1	0.0			5	 	CRUSHED STONE, (FILL) ash and crushed stone (FILL)			
S2	5	2.6	0.0			10		BRICK, (FILL) Silty CLAY , trace f. sand, dark grey, moist (ML)			
S3	5	4.4	0.0			15		becomes light brown			
S4	5	3.7	0.0			20	  	f. GRAVEL , trace c. sand, dark grey, moist (GP) m.c. SAND , trace silt, dark grey, wet (SP) Silty CLAY , little f. sand, brown, medium stiff, moist (ML)		Soil sample SOIL-106 collected from 18 to 19 ft bgs.	
S5	5	5	0.0				 	f.c. GRAVEL , Some Silt, dark grey, moist (GP) Silty CLAY , trace f. sand, dark grey, wet (ML) f. SAND , Some Silt, dark grey, loose, wet (SM)			

End of Boring at 25 ft



PROJECT NUMBER: 059294.001

6/20/2023

JMA Additional Parcels
SUBSURFACE LOG
HOLE NUMBER SB-107

Page 1 of 2

LOCATION: Syracuse, New York

CLIENT: GEC Consulting, Inc.

CONTRACTOR: Cascade

DRILLER: Chris Aldrich

INSPECTOR: A. Hodgins

START DATE and TIME: 6/6/2023 10:55:00 AM

FINISH DATE and TIME: 6/6/2023 11:20:00 AM

SURFACE
ELEV:

CHECKED BY: K. Ehmann

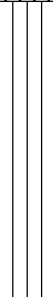
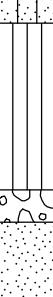
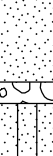
DRILL FLUID: None

DRILLING RIG:

DATE

TIME

WATER
DEPTH (ft)CASING
BOTTOM (ft)HOLE
BOTTOM (ft)WATER LEVEL
OBSERVATIONS

SAMP./CORE NUMBER	SAMP. ADV. (ft) LEN. CORE (ft)	RECOVERY (ft)	PID Readings (ppm)	"N" Value or RQD%	SAMPLE	DEPTH (Feet)	GRAPHICS	DESCRIPTION AND CLASSIFICATION	ELEVATION (Feet)	Remarks on Character of Drilling, Water Return, etc.	WATER LEVELS AND/OR WELL DATA
S1	5	3.5	0.0			5		CRUSHED STONE, (FILL) Silty CLAY , Some f. Sand, brown, medium stiff, moist (FILL)			
S2	5	2.6	0.0			10		Silty CLAY , Some f.m.c. Sand, brown, stiff, moist (ML) Silty CLAY , Some m.c. Sand, dark brown, wet (ML)			
S3	5	4	0.0			15		Silty CLAY , Some f. Sand, black, medium stiff, wet, slight organic odor (ML) f.m.c. SAND , Some f.c. Gravel, grey, medium compact, wet (SP) f. SAND , Some Silt, dark grey, wet (SM)		Soil sample SOIL-107 collected from 14 to 15 ft bgs.	
S4	5	5	0.0			20		Silty CLAY , Some f. Sand, dark grey, loose, wet (ML) f. GRAVEL , Some Silt, dark grey, loose, wet (GP) m.c. SAND , Some Silt, dark grey, loose, wet (SP)			
S5	5	3.8	0.0					f. GRAVEL , Some Silt, dark grey, loose, wet (GP) f. SAND , trace silt, dark grey, loose, wet			



JMA Additional Parcels
SUBSURFACE LOG
HOLE NUMBER SB-107

PROJECT NUMBER: 059294.001

6/20/2023

Page 2 of 2

SAMP./CORE NUMBER	SAMP. ADV. (ft) LEN. CORE (ft)	RECOVERY (ft)	PID Readings (ppm)	"N" Value or RQD%	SAMPLE	DEPTH (Feet)	GRAPHICS	DESCRIPTION AND CLASSIFICATION	ELEVATION (Feet)	Remarks on Character of Drilling, Water Return, etc.	WATER LEVELS AND/OR WELL DATA
								(SM) End of Boring at 25 ft			
						30					
						35					
						40					
						45					
						50					
						55					



PROJECT NUMBER: 059294.001

6/20/2023

JMA Additional Parcels
SUBSURFACE LOG
HOLE NUMBER SB-108

Page 1 of 1

LOCATION: Syracuse, New York

CLIENT: GEC Consulting, Inc.

CONTRACTOR: Cascade

DRILLER: Chris Aldrich

INSPECTOR: A. Hodgins

START DATE and TIME: 6/6/2023 11:10:00 AM

FINISH DATE and TIME: 6/6/2023 12:00:00 PM

SURFACE
ELEV:

CHECKED BY: K. Ehmann

DRILL FLUID: None

DRILLING RIG:

WATER LEVEL
OBSERVATIONS

DATE

TIME

WATER
DEPTH (ft)CASING
BOTTOM (ft)HOLE
BOTTOM (ft)

SAMP./CORE NUMBER	SAMP. ADV. (ft) LEN. CORE (ft)	RECOVERY (ft)	PID Readings (ppm)	"N" Value or RQD%	SAMPLE	DEPTH (Feet)	GRAPHICS	DESCRIPTION AND CLASSIFICATION	ELEVATION (Feet)	Remarks on Character of Drilling, Water Return, etc.	WATER LEVELS AND/OR WELL DATA
S1	5	3.2	0.0			2		CRUSHED STONE, (FILL)			
								ASPHALT PAVEMENT, (FILL)			
						4		Silty CLAY , brown, stiff, moist (FILL)			
								black fill material (FILL)			
						6		f.c. GRAVEL, (FILL)			
S2	5	3.9	0.0			8		f. SAND , Some Silt, brown, loose, wet (SM)			
						10		f. SAND , Some Silt, dark grey, medium compact, moist (SM)			
						12		f. SAND , Some Silt, dark brown, loose, wet (SM)			
S3	5	4	0.0			14		Silty CLAY , little f. sand, dark grey, medium stiff, moist (ML)			
						16		f.m.c. SAND , Some Silt, dark grey, loose, wet (SM)			
						18		f. GRAVEL , Some m.c. Sand, dark grey, medium stiff, wet (GP)			
S4	5	4	0.0					Silty CLAY , Some f. Sand, dark grey, medium stiff, wet (ML)			

Soil sample SOIL-108
collected from 8 to 9
ft bgs.

End of Boring at 20 ft



PROJECT NUMBER: 059294.001

6/20/2023

JMA Additional Parcels**SUBSURFACE LOG****HOLE NUMBER SB-109**

Page 1 of 1

LOCATION: Syracuse, New York

CLIENT: GEC Consulting, Inc.

CONTRACTOR: Cascade

DRILLER: Chris Aldrich

INSPECTOR: A. Hodgins

START DATE and TIME: 6/6/2023 1:00:00 PM

FINISH DATE and TIME: 6/6/2023 1:35:00 PM

SURFACE
ELEV:

CHECKED BY: K. Ehmann

DRILL FLUID: None

DRILLING RIG:

DATE

TIME

WATER
DEPTH (ft)CASING
BOTTOM (ft)HOLE
BOTTOM (ft)WATER LEVEL
OBSERVATIONS

SAMP./CORE NUMBER	SAMP. ADV. (ft) LEN. CORE (ft)	RECOVERY (ft)	PID Readings (ppm)	"N" Value or RQD%	SAMPLE	DEPTH (Feet)	GRAPHICS	DESCRIPTION AND CLASSIFICATION	ELEVATION (Feet)	Remarks on Character of Drilling, Water Return, etc.	WATER LEVELS AND/OR WELL DATA
S1	5	2.9	0.0			5		(FILL)			
S2	5	2.8	0.0			10		<u>Silty CLAY</u> , brown, medium stiff, moist (CL-ML)			
S3	5	3.6	0.0			15		<u>f. SAND</u> , trace silt, brown, loose, wet (SM) becomes grey <u>f.c. GRAVEL</u> , Some Silt, dark grey, loose, wet (GP)			
S4	5	3.3	0.0			20		<u>f.m.c. SAND</u> , Some f. Gravel, dark grey, wet (SP) <u>f. SAND</u> , trace silt, dark grey, medium loose, wet (SP)			
S5	5	5	0.0					<u>Silty CLAY</u> , Some f. Sand, dark grey, soft, wet (ML) <u>f. SAND</u> , trace silt, dark grey, medium loose, wet (SP) <u>Silty CLAY</u> , Some f. Sand, dark grey, soft, wet (ML)		Soil sample SOIL-109 collected from 14 to 15 ft bgs.	

End of Boring at 25 ft



PROJECT NUMBER: 059294.001

6/20/2023

JMA Additional Parcels
SUBSURFACE LOG
HOLE NUMBER SB-110

Page 1 of 1

LOCATION: Syracuse, New York

CLIENT: GEC Consulting, Inc.

CONTRACTOR: Cascade

DRILLER: Chris Aldrich

INSPECTOR: A. Hodgins

START DATE and TIME: 6/6/2023 1:55:00 PM

FINISH DATE and TIME: 6/6/2023 2:20:00 PM

SURFACE
ELEV:

CHECKED BY: K. Ehmann

DRILL FLUID: None

DRILLING RIG:

DATE

TIME

WATER
DEPTH (ft)CASING
BOTTOM (ft)HOLE
BOTTOM (ft)WATER LEVEL
OBSERVATIONS

SAMP./CORE NUMBER	SAMP. ADV. (ft)	LEN. CORE (ft)	RECOVERY (ft)	PID Readings (ppm)	"N" Value or RQD%	SAMPLE	DEPTH (Feet)	GRAPHICS	DESCRIPTION AND CLASSIFICATION	ELEVATION (Feet)	Remarks on Character of Drilling, Water Return, etc.	WATER LEVELS AND/OR WELL DATA
S1	5	2.9		0.0			2		CRUSHED STONE, (FILL) (FILL)			
S2	5	3		0.0			8		Silty CLAY , black, medium stiff, moist (ML)			
							10		Silty CLAY , light grey, stiff, moist (ML)			
S3	5	5		2.7			12		f.m.c. SAND , Some Silt, trace f. gravel, dark grey, loose, wet (SP)		Soil sample SOIL-110 collected from 10 to 11 ft bgs.	
S4	5	3.5		0.0			18					

End of Boring at 20 ft



PROJECT NUMBER: 059294.001

6/20/2023

JMA Additional Parcels
SUBSURFACE LOG
HOLE NUMBER SB-111

Page 1 of 1

LOCATION: Syracuse, New York

CLIENT: GEC Consulting, Inc.

CONTRACTOR: Cascade

DRILLER: Chris Aldrich

INSPECTOR: A. Hodgins

START DATE and TIME: 6/6/2023 2:30:00 PM

FINISH DATE and TIME: 6/6/2023 3:00:00 PM

SURFACE
ELEV:

CHECKED BY: K. Ehmann

DRILL FLUID: None

DRILLING RIG:

DATE

TIME

WATER
DEPTH (ft)CASING
BOTTOM (ft)HOLE
BOTTOM (ft)WATER LEVEL
OBSERVATIONS

SAMP./CORE NUMBER	SAMP. ADV. (ft) LEN. CORE (ft)	RECOVERY (ft)	PID Readings (ppm)	"N" Value or RQD%	SAMPLE	DEPTH (Feet)	GRAPHICS	DESCRIPTION AND CLASSIFICATION	ELEVATION (Feet)	Remarks on Character of Drilling, Water Return, etc.	WATER LEVELS AND/OR WELL DATA
S1	5	3.7	0.0			5		CRUSHED GRAVEL, (FILL) f.m. SAND , trace silt, light brown, soft, moist (FILL) loose Silty CLAY , light brown, medium stiff, moist (FILL) f.m.c. SAND , grey, medium compact, moist (FILL)			
S2	5	3.5	0.0			10		Silty CLAY , grey, soft, moist (CL-ML) Silty CLAY , Some f. Sand, grey, soft, moist (ML) Silty CLAY , grey, stiff, moist (CL-ML)			
S3	5	3.4	0.0			15		Silty CLAY , Some f. Sand, grey, soft, moist (ML) Silty CLAY , Some f.m. Sand, dark grey, medium stiff, wet (ML)			
S4	5	5	0.0			20		f. SAND , Some Silt, dark grey, medium stiff, moist (SM) Silty CLAY , Some f. Sand, dark grey, medium stiff, wet (ML)		Soil sample SOIL-111 collected from 16 to 17 ft bgs.	
S5	5	5	0.0								

End of Boring at 25 ft



PROJECT NUMBER: 059294.001

6/20/2023

JMA Additional Parcels
SUBSURFACE LOG
HOLE NUMBER SB-112

Page 1 of 1

LOCATION: Syracuse, New York

CLIENT: GEC Consulting, Inc.

CONTRACTOR: Cascade

DRILLER: Chris Aldrich

INSPECTOR: A. Hodgins

START DATE and TIME: 6/7/2023 7:30:00 AM

FINISH DATE and TIME: 6/7/2023 8:10:00 AM

SURFACE
ELEV:

CHECKED BY: K. Ehmann

DRILL FLUID: None

DRILLING RIG:

DATE

TIME

WATER
DEPTH (ft)CASING
BOTTOM (ft)HOLE
BOTTOM (ft)WATER LEVEL
OBSERVATIONS

SAMP./CORE NUMBER	SAMP. ADV. (ft) LEN. CORE (ft)	RECOVERY (ft)	PID Readings (ppm)	"N" Value or RQD%	SAMPLE	DEPTH (Feet)	GRAPHICS	DESCRIPTION AND CLASSIFICATION	ELEVATION (Feet)	Remarks on Character of Drilling, Water Return, etc.	WATER LEVELS AND/OR WELL DATA
S1	5	3.4	80.7			5		(FILL)		Boring headspace PID reading = 382 ppm	
S2	5	2.6	13.7			10		Silty CLAY, grey, stiff, moist (CL-ML)		Soil sample SOIL-112 collected from 3 to 4 ft bgs.	
								f.c. GRAVEL, Some Silt, brown, loose, moist (GP)			
								Silty CLAY, trace f. sand, black, stiff, moist (ML)			
S3	5	2.2	0.0			15		f. SAND, Some Silt, dark grey, compact, moist (SM)			
S4	5	3.6	0.0			20		f. GRAVEL, Some Silt, light grey, medium compact, wet (GP)			
								Silty CLAY, trace f. sand, dark grey, soft, wet (ML)			
S5	5	5	0.0					f. SAND, Some Silt, dark grey, loose, wet (SM)			

End of Boring at 25 ft



PROJECT NUMBER: 059294.001

6/20/2023

JMA Additional Parcels
SUBSURFACE LOG
HOLE NUMBER SB-112-15FT-N

Page 1 of 1

LOCATION: Syracuse, New York

CLIENT: GEC Consulting, Inc.

CONTRACTOR: Cascade

DRILLER: Chris Aldrich

INSPECTOR: A. Hodgins

START DATE and TIME: 6/7/2023 10:45:00 AM

FINISH DATE and TIME: 6/7/2023 11:00:00 AM

SURFACE
ELEV:

CHECKED BY: K. Ehmann

DRILL FLUID: None

DRILLING RIG:

DATE

TIME

WATER
DEPTH (ft)CASING
BOTTOM (ft)HOLE
BOTTOM (ft)WATER LEVEL
OBSERVATIONS

SAMP./CORE NUMBER	SAMP. ADV. (ft) LEN. CORE (ft)	RECOVERY (ft)	PID Readings (ppm)	"N" Value or RQD%	SAMPLE	DEPTH (Feet)	GRAPHICS	DESCRIPTION AND CLASSIFICATION	ELEVATION (Feet)	Remarks on Character of Drilling, Water Return, etc.	WATER LEVELS AND/OR WELL DATA
S1	5	3.2	409.3			2		ASPHALT PAVEMENT, (FILL) Fill material, ash and brick (FILL)		Boring headspace PID reading = 524 ppm.	
S2	5	2.7	295.3			8		f.c. GRAVEL , Some c. Sand, little silt, dark grey, medium compact, wet (GP)			
S3	5	2.4	307.3			12		Silty CLAY , trace f. sand, black, medium stiff, wet (ML)			
S4	5	3.5	0.8			18		c. GRAVEL , Some Silt, trace f. sand, dark grey, loose, wet (GP)		Soil sample SOIL-112-15ft-N collected from 13 to 14 ft bgs.	

End of Boring at 20 ft



PROJECT NUMBER: 059294.001

6/20/2023

JMA Additional Parcels
SUBSURFACE LOG
HOLE NUMBER SB-112-15FT-S

Page 1 of 1

LOCATION: Syracuse, New York

CLIENT: GEC Consulting, Inc.

CONTRACTOR: Cascade

DRILLER: Chris Aldrich

INSPECTOR: A. Hodgins

START DATE and TIME: 6/7/2023 10:30:00 AM

FINISH DATE and TIME: 6/7/2023 10:45:00 AM

SURFACE
ELEV:

CHECKED BY: K. Ehmann

DRILL FLUID: None

DRILLING RIG:

DATE

TIME

WATER
DEPTH (ft)CASING
BOTTOM (ft)HOLE
BOTTOM (ft)WATER LEVEL
OBSERVATIONS

SAMP./CORE NUMBER	SAMP. ADV. (ft) LEN. CORE (ft)	RECOVERY (ft)	PID Readings (ppm)	"N" Value or RQD%	SAMPLE	DEPTH (Feet)	GRAPHICS	DESCRIPTION AND CLASSIFICATION	ELEVATION (Feet)	Remarks on Character of Drilling, Water Return, etc.	WATER LEVELS AND/OR WELL DATA
S1	5	2.6	0.0			2		Fill material (FILL)		Boring headspace PID reading = 253 ppm	
S2	5	2.6	0.0			8		Silty CLAY , dark grey, medium compact, moist (ML)			

End of Boring at 10 ft



PROJECT NUMBER: 059294.001

6/20/2023

JMA Additional Parcels
SUBSURFACE LOG
HOLE NUMBER SB-112-23FT-E

Page 1 of 1

LOCATION: Syracuse, New York

CLIENT: GEC Consulting, Inc.

CONTRACTOR: Cascade

DRILLER: Chris Aldrich

INSPECTOR: A. Hodgins

START DATE and TIME: 6/7/2023 9:30:00 AM

FINISH DATE and TIME: 6/7/2023 9:45:00 AM

SURFACE
ELEV:

CHECKED BY: K. Ehmann

DRILL FLUID: None

DRILLING RIG:

DATE

TIME

WATER
DEPTH (ft)CASING
BOTTOM (ft)HOLE
BOTTOM (ft)WATER LEVEL
OBSERVATIONS

SAMP./CORE NUMBER	SAMP. ADV. (ft)	LEN. CORE (ft)	RECOVERY (ft)	PID Readings (ppm)	"N" Value or RQD%	SAMPLE	DEPTH (Feet)	GRAPHICS	DESCRIPTION AND CLASSIFICATION	ELEVATION (Feet)	Remarks on Character of Drilling, Water Return, etc.	WATER LEVELS AND/OR WELL DATA
S1	5	4.1		8.6			2		ASPHALT PAVEMENT, (FILL) Silty CLAY , Some f. Sand, asphalt, cinders, brick (FILL)		Boring headspace PID reading = 362 ppm	
S2	5	3.1		0.0			8		Silty CLAY , trace f. sand, black, medium compact, moist (ML)			

End of Boring at 10 ft



PROJECT NUMBER: 059294.001

6/20/2023

JMA Additional Parcels
SUBSURFACE LOG
HOLE NUMBER SB-112-30FT-N

Page 1 of 1

LOCATION: Syracuse, New York

CLIENT: GEC Consulting, Inc.

CONTRACTOR: Cascade

DRILLER: Chris Aldrich

INSPECTOR: A. Hodgins

START DATE and TIME: 6/7/2023 10:00:00 AM

FINISH DATE and TIME: 6/7/2023 10:20:00 AM

SURFACE
ELEV:

CHECKED BY: K. Ehmann

DRILL FLUID: None

DRILLING RIG:

DATE

TIME

WATER
DEPTH (ft)CASING
BOTTOM (ft)HOLE
BOTTOM (ft)WATER LEVEL
OBSERVATIONS

SAMP./CORE NUMBER	SAMP. ADV. (ft) LEN. CORE (ft)	RECOVERY (ft)	PID Readings (ppm)	"N" Value or RQD%	SAMPLE	DEPTH (Feet)	GRAPHICS	DESCRIPTION AND CLASSIFICATION	ELEVATION (Feet)	Remarks on Character of Drilling, Water Return, etc.	WATER LEVELS AND/OR WELL DATA
S1	5	3.7	6.5			2		<u>ASPHALT PAVEMENT</u> , (FILL) <u>Silty CLAY</u> , (FILL)			
						4		<u>Silty CLAY</u> , trace f. sand, black, medium stiff, moist (FILL)			
						6		cinders, ash, brick (FILL)			
S2	5	2.9	63			8		<u>Silty CLAY</u> , trace f. sand, cinders, ash, brick (FILL)			
						10					
S3	5	3.9	427.2			12		<u>Silty CLAY</u> , trace f.c. gravel, trace f. sand, black, medium stiff, wet (ML)			
						14					

End of Boring at 15 ft



PROJECT NUMBER: 059294.001

6/20/2023

JMA Additional Parcels
SUBSURFACE LOG
HOLE NUMBER SB-112-30FT-W

Page 1 of 1

LOCATION: Syracuse, New York

CLIENT: GEC Consulting, Inc.

CONTRACTOR: Cascade

DRILLER: Chris Aldrich

INSPECTOR: A. Hodgins

START DATE and TIME: 6/7/2023 9:00:00 AM

FINISH DATE and TIME: 6/7/2023 9:20:00 AM

SURFACE
ELEV:

CHECKED BY: K. Ehmann

DRILL FLUID: None

DRILLING RIG:

DATE

TIME

WATER
DEPTH (ft)CASING
BOTTOM (ft)HOLE
BOTTOM (ft)WATER LEVEL
OBSERVATIONS

SAMP./CORE NUMBER	SAMP. ADV. (ft) LEN. CORE (ft)	RECOVERY (ft)	PID Readings (ppm)	"N" Value or RQD%	SAMPLE	DEPTH (Feet)	GRAPHICS	DESCRIPTION AND CLASSIFICATION	ELEVATION (Feet)	Remarks on Character of Drilling, Water Return, etc.	WATER LEVELS AND/OR WELL DATA
S1	5	3.9	8.3			2		CRUSHED STONE , cinders and ash (FILL)			
						4		Silty CLAY , trace f. sand, dark gray, medium stiff, moist (FILL)			
S2	5	3.2	148			6		Silty CLAY , Some f. Gravel, black, loose, moist (FILL) cinders			
						8		Silty CLAY , trace f. sand, black, medium stiff, wet (ML)			
S3	5	3.5	509			10		f.m.c. SAND , Some f.c. Gravel, Some Silt, dark grey, medium compact, wet (SP)			
						12					
						14					
S4	5	3.6	533			16				Soil sample SOIL-112-30ft-W collected from 15 to 15 ft bgs.	
						18				PID readings going towards 0 ppm. Out of the contamination.	

End of Boring at 20 ft



PROJECT NUMBER: 059294.001

6/20/2023

JMA Additional Parcels**SUBSURFACE LOG****HOLE NUMBER SB-113**

Page 1 of 1

LOCATION: Syracuse, New York

CLIENT: GEC Consulting, Inc.

CONTRACTOR: Cascade

DRILLER: Chris Aldrich

INSPECTOR: A. Hodgins

START DATE and TIME: 6/7/2023 8:20:00 AM

FINISH DATE and TIME: 6/7/2023 9:00:00 AM

SURFACE
ELEV:

CHECKED BY: K. Ehmann

DRILL FLUID: None

DRILLING RIG:

DATE

TIME

WATER
DEPTH (ft)CASING
BOTTOM (ft)HOLE
BOTTOM (ft)WATER LEVEL
OBSERVATIONS

SAMP./CORE NUMBER	SAMP. ADV. (ft) LEN. CORE (ft)	RECOVERY (ft)	PID Readings (ppm)	"N" Value or RQD%	SAMPLE	DEPTH (Feet)	GRAPHICS	DESCRIPTION AND CLASSIFICATION	ELEVATION (Feet)	Remarks on Character of Drilling, Water Return, etc.	WATER LEVELS AND/OR WELL DATA
S1	5	3.4	0.0			5		Fill Material (FILL)			
S2	5	3.3	0.0			10		f. SAND , Some Silt, dark brown, loose, moist (SM) Silty CLAY , dark grey, stiff, moist (CL-ML)			
S3	5	3.7	0.0			15		f. SAND , Some f. Gravel, dark grey, loose, moist (SP)			
S4	5	3.2	0.0			20		f. GRAVEL , Some f. Sand, little silt, dark grey, loose, wet (GP)			
S5	5	5	0.0					Silty CLAY , Some f. Sand, grey, soft, wet (ML)		Soil sample SOIL-113 collected from 13 to 14 ft bgs.	

End of Boring at 25 ft



PROJECT NUMBER: 059294.001

6/20/2023

JMA Additional Parcels
SUBSURFACE LOG
HOLE NUMBER SB-114

Page 1 of 1

LOCATION: Syracuse, New York

CLIENT: GEC Consulting, Inc.

CONTRACTOR: Cascade

DRILLER: Chris Aldrich

INSPECTOR: A. Hodgins

START DATE and TIME: 6/7/2023 11:00:00 AM

FINISH DATE and TIME: 6/7/2023 11:40:00 AM

SURFACE
ELEV:

CHECKED BY: K. Ehmann

DRILL FLUID: None

DRILLING RIG:

DATE

TIME

WATER
DEPTH (ft)CASING
BOTTOM (ft)HOLE
BOTTOM (ft)WATER LEVEL
OBSERVATIONS

SAMP./CORE NUMBER	SAMP. ADV. (ft)	LEN. CORE (ft)	RECOVERY (ft)	PID Readings (ppm)	"N" Value or RQD%	SAMPLE	DEPTH (Feet)	GRAPHICS	DESCRIPTION AND CLASSIFICATION	ELEVATION (Feet)	Remarks on Character of Drilling, Water Return, etc.	WATER LEVELS AND/OR WELL DATA
S1	5	2.4		0.0			5		ASPHALT PAVEMENT , millings (FILL) f.c. GRAVEL , Some c. Sand, Some Silt, light brown, medium compact, moist, ash, brick and cinders (FILL)			
S2	5	2.5		0.0			10		Silty CLAY , trace f. sand, dark grey, medium compact, moist (ML)			
S3	5	3.6		0.0			15		f.c. GRAVEL , Some f. Sand, trace silt, dark grey, loose, wet (GP) f.m. SAND , Some Silt, dark grey, loose, wet (SM)			
S4	5	3.1		0.0			20		f.c. GRAVEL , Some f.m.c. Sand, trace silt, dark grey, medium compact, wet (GP) Silty CLAY , trace f. sand, very soft, wet (ML)			
S5	5	5		0.0							Soil sample SOIL-114 collected from 14 to 15 ft bgs.	

End of Boring at 25 ft



PROJECT NUMBER: 059294.001

6/20/2023

JMA Additional Parcels**SUBSURFACE LOG****HOLE NUMBER SB-115**

Page 1 of 1

LOCATION: Syracuse, New York

CLIENT: GEC Consulting, Inc.

CONTRACTOR: Cascade

DRILLER: Chris Aldrich

INSPECTOR: A. Hodgins

START DATE and TIME: 6/7/2023 12:50:00 PM

FINISH DATE and TIME: 6/7/2023 1:30:00 PM

SURFACE
ELEV:

CHECKED BY: K. Ehmann

DRILL FLUID: None

DRILLING RIG:

DATE

TIME

WATER
DEPTH (ft)CASING
BOTTOM (ft)HOLE
BOTTOM (ft)WATER LEVEL
OBSERVATIONS

SAMP./CORE NUMBER	SAMP. ADV. (ft) LEN. CORE (ft)	RECOVERY (ft)	PID Readings (ppm)	"N" Value or RQD%	SAMPLE	DEPTH (Feet)	GRAPHICS	DESCRIPTION AND CLASSIFICATION	ELEVATION (Feet)	Remarks on Character of Drilling, Water Return, etc.	WATER LEVELS AND/OR WELL DATA
S1	5	3.3	32.6					CONCRETE, (FILL) f. SAND , trace silt, light brown, stiff, moist (FILL)			
S2	5	3.3	48.8			5		Silty CLAY , Some f.c. Gravel, black, medium compact, wet (FILL) cinders and ash (FILL)		sweet, chemical-like odor	
S3	5	4	15.7			10		Silty CLAY , trace f. sand, dark grey, stiff, moist (ML)		Soil sample SOIL-115 collected from 9 to 10 ft bgs.	
S4	5	5	0.0			15		Silty CLAY , trace f. sand, black, soft, wet (ML)			
S5	5	5	0.0			20		Silty CLAY , Some f. Sand, very soft, saturated (ML)			

End of Boring at 25 ft



PROJECT NUMBER: 059294.001

6/20/2023

JMA Additional Parcels
SUBSURFACE LOG
HOLE NUMBER SB-116

Page 1 of 1

LOCATION: Syracuse, New York

CLIENT: GEC Consulting, Inc.

CONTRACTOR: Cascade

DRILLER: Chris Aldrich

INSPECTOR: A. Hodgens

START DATE and TIME: 6/7/2023 1:45:00 PM

FINISH DATE and TIME: 6/7/2023 3:10:00 PM

SURFACE
ELEV:

CHECKED BY: K. Ehmann

DRILL FLUID: None

DRILLING RIG:

DATE

TIME

WATER
DEPTH (ft)CASING
BOTTOM (ft)HOLE
BOTTOM (ft)WATER LEVEL
OBSERVATIONS

SAMP./CORE NUMBER	SAMP. ADV. (ft) LEN. CORE (ft)	RECOVERY (ft)	PID Readings (ppm)	"N" Value or RQD%	SAMPLE	DEPTH (Feet)	GRAPHICS	DESCRIPTION AND CLASSIFICATION	ELEVATION (Feet)	Remarks on Character of Drilling, Water Return, etc.	WATER LEVELS AND/OR WELL DATA
S1	5	3.5	0.0			2		CONCRETE, (FILL) Silty CLAY , trace f. gravel, light brown, stiff, moist (FILL) CRUSHED STONE, (FILL) Silty CLAY , trace f. sand, light brown, stiff, moist, ash, cinders (FILL)			
						4		brick, ash, cinders			
S2	5	3.8	17.4			6		f.c. GRAVEL , little f.m.c Sand, dark brown, medium compact, moist (GP)			
						8		Silty CLAY , trace f. sand, black, medium stiff, moist (ML)			
						10					
S3	5	4.5	77.7			12		Silty CLAY , trace f. sand, grey, medium stiff, wet (ML)			
						14					
						16		Silty CLAY , Some f.c. Gravel, trace f. sand, black, soft, wet (ML)			
S4	5	5	17.6			18		Silty CLAY , trace f. sand, grey, soft, moist (ML)			

Soil sample SOIL-116
collected from 14 to
15 ft bgs.

End of Boring at 20 ft



PROJECT NUMBER: 059294.001

6/20/2023

JMA Additional Parcels**SUBSURFACE LOG****HOLE NUMBER SB-117**

Page 1 of 1

LOCATION: Syracuse, New York

CLIENT: GEC Consulting, Inc.

CONTRACTOR: Cascade

DRILLER: Chris Aldrich

INSPECTOR: A. Hodgins

START DATE and TIME: 6/7/2023 3:30:00 PM

FINISH DATE and TIME: 6/7/2023 4:10:00 PM

SURFACE
ELEV:

CHECKED BY: K. Ehmann

DRILL FLUID: None

DRILLING RIG:

DATE

TIME

WATER
DEPTH (ft)CASING
BOTTOM (ft)HOLE
BOTTOM (ft)WATER LEVEL
OBSERVATIONS

SAMP./CORE NUMBER	SAMP. ADV. (ft)	LEN. CORE (ft)	RECOVERY (ft)	PID Readings (ppm)	"N" Value or RQD%	SAMPLE	DEPTH (Feet)	GRAPHICS	DESCRIPTION AND CLASSIFICATION	ELEVATION (Feet)	Remarks on Character of Drilling, Water Return, etc.	WATER LEVELS AND/OR WELL DATA
S1	5	3.5		0.0			2		ASPHALT PAVEMENT, (FILL) cinders, ash, brick (FILL)			
							4		Silty CLAY , trace f. sand, light brown, stiff, moist (ML)			
S2	5	4.7		0.0			6		Silty CLAY , trace f. sand, light grey, medium stiff, moist (ML)			
							8		Silty CLAY , trace f. sand, light grey, medium stiff, moist (ML)			
							10		Silty CLAY , Some f.c. Gravel, trace f. sand, dark brown, medium compact, moist (ML)			
S3	5	2.7		0.0			12		Silty CLAY , trace f.c. gravel, grey, loose, wet (ML)			
							14		Silty CLAY , trace f.c. gravel, grey, loose, wet (ML)			
							16		Silty CLAY , trace f. sand, light grey, medium stiff, moist (ML)			
S4	5	5		0.0			18		Silty CLAY , trace f. sand, light grey, medium stiff, moist (ML)			

Soil sample SOIL-117
collected from 12 to
13 ft bgs.

End of Boring at 20 ft

Attachment D

Indoor Air and Sub-Slab Vapor Field Logs

**SUMMA Canister Sampling Log**Sample Designation: SSV-06

Project Name: JMA Additional Parcels

Logged By: Andrew Hodgens

Project Location: Syracuse, NY

Date: 6-9-23

Project Number: 059294.001

SUMMA Canister Information:Sample ID: ~~SSV-06~~ SSV-06Sample Location: W. side of buildingSUMMA Canister Serial No.: 484Regulator Calibration Period: 5-31-23Regulator Serial No.: 0291Regulator Calibrated By: AlphaLaboratory Recorded Vacuum: -30.0Date: 5-31-23 Time: _____Start Date: 6-9-23Finish Date: 6-9-23Start Time: 8:40Finish Time: 16:18Initial Vacuum: -29.52Ending Vacuum: -6.07**Sampling Information:**Sample Type: Sub slabSample Ship Date: 6-9-23Sampled by: AHNo. of Containers: 1

Sample Analyses: TO-15

Comments: check in @ 11:54 = -20.17
~~13.55~~ 13.55 = -14.21Helium Tracer Gas Test @ 15:25-15:35
results = 75 ppm

**SUMMA Canister Sampling Log**

Sample Designation:

IA-06

Project Name: JMA Additional Parcels

Logged By: Andrew Hodgens

Project Location: Syracuse, NY

Date: 6-9-23

Project Number: 059294.001

SUMMA Canister Information:Sample ID: IA-06Sample Location: W. side of buildingSUMMA Canister Serial No.: 376Regulator Calibration Period: 5-31-23Regulator Serial No.: 0120Regulator Calibrated By: AlphaLaboratory Recorded Vacuum: -30.0Date: 5-31-23 Time: _____Start Date: 6-9-23Finish Date: 6-9-23Start Time: 8:32Finish Time: 14:56Initial Vacuum: -29.56Ending Vacuum: -6.14**Sampling Information:**Sample Type: Indoor AirSample Ship Date: 6-9-23Sampled by: AHNo. of Containers: 1

Sample Analyses: TO-15

Comments:

Check in @ 11:54 = -17.44
13:55 = -10.55

**SUMMA Canister Sampling Log**Sample Designation: SSV-05

Project Name: JMA Additional Parcels

Logged By: Andrew Hodgens

Project Location: Syracuse, NY

Date: 6-9-23

Project Number: 059294.001

SUMMA Canister Information:Sample ID: SSV-05Sample Location: North end of buildingSUMMA Canister Serial No.: 2249Regulator Calibration Period: 5-31-23Regulator Serial No.: 01651Regulator Calibrated By: AlphaLaboratory Recorded Vacuum: -29.9Date: 5-31-23 Time: 8Start Date: 6-9-23Finish Date: 6-9-23Start Time: 8:26Finish Time: 14:15Initial Vacuum: -29.47Ending Vacuum: -6.44**Sampling Information:**Sample Type: Sub slabSample Ship Date: 6-9-23Sampled by: AHNo. of Containers: 1

Sample Analyses: TO-15

Comments: check in @ 11:52 = -15.97
13:53 = -7.87Helium Tracer Gas Test @ 15:42 - 15:52
results = 0 ppm

**SUMMA Canister Sampling Log**Sample Designation: IA-05

Project Name: JMA Additional Parcels

Logged By: Andrew Hodgens

Project Location: Syracuse, NY

Date: 6-9-23

Project Number: 059294.001

SUMMA Canister Information:Sample ID: IA-05Sample Location: North end of buildingSUMMA Canister Serial No.: 2349Regulator Calibration Period: 5-31-23Regulator Serial No.: 01776Regulator Calibrated By: AlphaLaboratory Recorded Vacuum: -30.0Date: 5-31-23 Time: _____Start Date: 6-9-23Finish Date: 6-9-23Start Time: 8:21Finish Time: 15:12Initial Vacuum: -29.41Ending Vacuum: -6.30**Sampling Information:**Sample Type: Indoor AirSample Ship Date: 6-9-23Sampled by: AHNo. of Containers: 1

Sample Analyses: TO-15

Comments: Check in @ 11:52 = -17.65
13:53 = -10.74

**SUMMA Canister Sampling Log**Sample Designation: SSV-04

Project Name: JMA Additional Parcels

Logged By: Andrew Hodgens

Project Location: Syracuse, NY

Date: 6-9-23

Project Number: 059294.001

Sample ID: SSV-04**SUMMA Canister Information:**Sample Location: Bathroom areaSUMMA Canister Serial No. : 414Regulator Calibration Period: 5-31-23Regulator Serial No. : 01948Regulator Calibrated By: AlphaLaboratory Recorded Vacuum: -30.0Date: 5-31-23 Time: _____Start Date: 6-9-23Finish Date: 6-9-23Start Time: 8:15Finish Time: 16:10Initial Vacuum: -29.33Ending Vacuum: -5.45**Sampling Information:**Sample Type: Sub slabSample Ship Date: 6-9-23Sampled by: AltNo. of Containers: 1

Sample Analyses: TO-15

Comments: check in @ 11:50 = -19.53
13.52 = -13.89Helium Tracer Gas Test @ 15:58 - 16:08Results = 0 ppm

**SUMMA Canister Sampling Log**Sample Designation: IA-04

Project Name: JMA Additional Parcels

Logged By: Andrew Hodgens

Project Location: Syracuse, NY

Date: 6-9-23

Project Number: 059294.001

SUMMA Canister Information:Sample ID: IA-04Sample Location: Bathroom areaSUMMA Canister Serial No. : 3227Regulator Calibration Period: 5-31-23Regulator Serial No. : 02271Regulator Calibrated By: AlphaLaboratory Recorded Vacuum: -29.7Date: 5-31-23 Time: _____Start Date: 6-9-23Finish Date: 6-9-23Start Time: 8:07Finish Time: 16:07Initial Vacuum: -28.83Ending Vacuum: -4.39**Sampling Information:**Sample Type: Indoor AirSample Ship Date: 6-9-23Sampled by: AHNo. of Containers: 1

Sample Analyses: TO-15

Comments: check in @ 11:50 = -18.84
13:51 = -13.45

**SUMMA Canister Sampling Log**Sample Designation: SSV-03

Project Name: JMA Additional Parcels

Logged By: Andrew Hodgons

Project Location: Syracuse, NY

Date: 6-9-23

Project Number: 059294.001

SUMMA Canister Information:Sample ID: SSV-03Sample Location: South, by waste oil tanksSUMMA Canister Serial No.: 508Regulator Calibration Period: 5/31/23Regulator Serial No.: 01163Regulator Calibrated By: AlphaLaboratory Recorded Vacuum: -30.0Date: 5-31-23 Time: _____Start Date: 6-9-23Finish Date: 6-9-23Start Time: 0749Finish Time: 15:39Initial Vacuum: -30.03Ending Vacuum: ~~18~~ -6.51**Sampling Information:**Sample Type: SubslabSample Ship Date: 6-9-23Sampled by: AHNo. of Containers: 1Sample Analyses: T0-15Comments: check in
-16.87 -11.19
12:15 2:07

Helium Tracer Gas Test @ 12:12 - 12:22
Results = 200 ppm

**SUMMA Canister Sampling Log**Sample Designation: IA-03

Project Name: JMA Additional Parcels

Logged By: Andrew Hodgins

Project Location: Syracuse, NY

Date: 6-9-23

Project Number: 059294.001

SUMMA Canister Information:Sample ID: IA-03Sample Location: South, by waste oil tankSUMMA Canister Serial No.: 294Regulator Calibration Period: 5/31/23Regulator Serial No.: 02275Regulator Calibrated By: AlphaLaboratory Recorded Vacuum: -30.0Date: 5/31/23 Time: _____Start Date: 6-9-23Finish Date: 6-9-23Start Time: 7:45Finish Time: 1:28Initial Vacuum: -29.38Ending Vacuum: -5.04**Sampling Information:**Sample Type: Indoor AirSample Ship Date: 6-9-23Sampled by: AHNo. of Containers: 1Sample Analyses: T0-15Comments: -10.29 check in
12:15

**SUMMA Canister Sampling Log**Sample Designation: SSV-02

Project Name: JMA Additional Parcels

Logged By: Andrew Hodgins

Project Location: Syracuse, NY

Date: 6-9-23

Project Number: 059294.001

SUMMA Canister Information:Sample ID: SSV-02Sample Location: Car lift by parking lotSUMMA Canister Serial No.: 2215Regulator Calibration Period: 5/31/23Regulator Serial No.: 01553Regulator Calibrated By: AlphaLaboratory Recorded Vacuum: -30.0Date: 5/31/23 Time: 7:44Start Date: 6/9/23Finish Date: 6/9/23Start Time: 7:40Finish Time: 15:46Initial Vacuum: -29.81Ending Vacuum: -6.11**Sampling Information:**Sample Type: Sub slabSample Ship Date: 6-9-23Sampled by: AHNo. of Containers: 1Sample Analyses: T0-15Comments: check in
-17.53
12:17-12.59
207Helium Tracer gas test @ 12:28 - 12:38Results = 0 ppm

**SUMMA Canister Sampling Log**Sample Designation: IA-02

Project Name: JMA Additional Parcels

Logged By: Andrew Hodgins

Project Location: Syracuse, NY

Date: 6-9-23

Project Number: 059294.001

SUMMA Canister Information:Sample ID: IA-02Sample Location: car lift by parking lotSUMMA Canister Serial No.: 446Regulator Calibration Period: 5/31/23Regulator Serial No.: 0416Regulator Calibrated By: AlphaLaboratory Recorded Vacuum: -29.4Date: 5/31/23 Time: ~~7:34~~Start Date: 6/9/23Finish Date: 6/9/23Start Time: 7:34Finish Time: 15:35Initial Vacuum: -29.17Ending Vacuum: -5.73**Sampling Information:**Sample Type: Indoor AirSample Ship Date: 6-9-23Sampled by: AHNo. of Containers: 1Sample Analyses: T0-15Comments: check in-14.76-9.3912:172:06

**SUMMA Canister Sampling Log**Sample Designation: SSV-01

Project Name: JMA Additional Parcels

Logged By: Andrew Hodgins

Project Location: Syracuse, NY

Date: 6-9-23

Project Number: 059294.001

SUMMA Canister Information:Sample ID: SSV-01Sample Location: paint boothSUMMA Canister Serial No.: 2518Regulator Calibration Period: 5/31/23Regulator Serial No.: 01710Regulator Calibrated By: AlphaLaboratory Recorded Vacuum: -30.0Date: 5/31/23 Time: _____Start Date: 6/9/23Finish Date: 6/9/23Start Time: 7:29Finish Time: 15:34Initial Vacuum: -29.54Ending Vacuum: -6.12**Sampling Information:**Sample Type: Sub slabSample Ship Date: 6-9-23Sampled by: AHNo. of Containers: 1Sample Analyses: T0-15Comments: check in
-16:38 -11.19
12:21 2:05

Helium Tracer Gas Test @ 12:46 - 12:56
results = 75 ppm

**SUMMA Canister Sampling Log**Sample Designation: -IA-01

Project Name: JMA Additional Parcels

Logged By: Andrew Hodgins

Project Location: Syracuse, NY

Date: 6-9-23

Project Number: 059294.001

SUMMA Canister Information:Sample ID: IA-01Sample Location: paint boothSUMMA Canister Serial No.: 2358Regulator Calibration Period: 5/31/23Regulator Serial No.: 01110Regulator Calibrated By: AlphaLaboratory Recorded Vacuum: -30.0Date: 5-31-23 Time: _____Start Date: 6/9/23Finish Date: 6/9/23Start Time: 7:26Finish Time: 15:28Initial Vacuum: -29.39Ending Vacuum: -5.36**Sampling Information:**Sample Type: Indoor AirSample Ship Date: 6-9-23Sampled by: AHNo. of Containers: 1Sample Analyses: TO-15Comments: check in
-14.82 -9.57
12:20 2:04

Attachment E

Laboratory Analytical Reports



ANALYTICAL REPORT

Lab Number:	L2331318
Client:	CHA Companies One Park Place 300 South State St., Suite 600 Syracuse, NY 13202
ATTN:	Samantha Miller
Phone:	(315) 471-3920
Project Name:	JMA ADDITIONAL INVESTIGATION
Project Number:	059294
Report Date:	07/05/23

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

Certifications & Approvals: MA (M-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), OH (CL108), OR (MA-1316), PA (68-03671), RI (LAO00065), TX (T104704476), VT (VT-0935), VA (460195), USDA (Permit #525-23-122-91930).

Eight Walkup Drive, Westborough, MA 01581-1019
508-898-9220 (Fax) 508-898-9193 800-624-9220 - www.alphalab.com



Project Name: JMA ADDITIONAL INVESTIGATION
Project Number: 059294

Lab Number: L2331318
Report Date: 07/05/23

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2331318-01	SOIL-100	SOIL	140 CORTLAND AVE, SYRACUSE, NY	06/05/23 13:30	06/05/23
L2331318-02	SOIL-101	SOIL	140 CORTLAND AVE, SYRACUSE, NY	06/05/23 14:30	06/05/23
L2331318-03	SOIL-102	SOIL	140 CORTLAND AVE, SYRACUSE, NY	06/05/23 15:10	06/05/23
L2331318-04	SOIL-103	SOIL	140 CORTLAND AVE, SYRACUSE, NY	06/05/23 16:00	06/05/23
L2331318-05	SOIL-104	SOIL	140 CORTLAND AVE, SYRACUSE, NY	06/05/23 16:30	06/05/23
L2331318-06	SOIL-105	SOIL	140 CORTLAND AVE, SYRACUSE, NY	06/06/23 08:35	06/06/23
L2331318-07	SOIL-106	SOIL	140 CORTLAND AVE, SYRACUSE, NY	06/06/23 10:15	06/06/23
L2331318-08	SOIL-107	SOIL	140 CORTLAND AVE, SYRACUSE, NY	06/06/23 11:20	06/06/23
L2331318-09	SOIL-108	SOIL	140 CORTLAND AVE, SYRACUSE, NY	06/06/23 12:00	06/06/23
L2331318-10	SOIL-109	SOIL	140 CORTLAND AVE, SYRACUSE, NY	06/06/23 14:10	06/06/23
L2331318-11	SOIL-110	SOIL	140 CORTLAND AVE, SYRACUSE, NY	06/06/23 14:50	06/06/23
L2331318-12	SOIL-111	SOIL	140 CORTLAND AVE, SYRACUSE, NY	06/06/23 16:00	06/06/23
L2331318-13	SOIL-112	SOIL	140 CORTLAND AVE, SYRACUSE, NY	06/07/23 08:15	06/07/23
L2331318-14	SOIL-113	SOIL	140 CORTLAND AVE, SYRACUSE, NY	06/07/23 08:55	06/07/23
L2331318-15	SOIL-114	SOIL	140 CORTLAND AVE, SYRACUSE, NY	06/07/23 10:10	06/07/23
L2331318-16	SOIL-115	SOIL	140 CORTLAND AVE, SYRACUSE, NY	06/07/23 13:20	06/07/23
L2331318-17	SOIL-116	SOIL	140 CORTLAND AVE, SYRACUSE, NY	06/07/23 14:20	06/07/23
L2331318-18	SOIL-117	SOIL	140 CORTLAND AVE, SYRACUSE, NY	06/07/23 15:15	06/07/23
L2331318-19	SOIL-112-15FTN	SOIL	140 CORTLAND AVE, SYRACUSE, NY	06/07/23 10:50	06/07/23
L2331318-20	SOIL-112-30FTW	SOIL	140 CORTLAND AVE, SYRACUSE, NY	06/07/23 11:25	06/07/23
L2331318-21	SURF-01	SOIL	140 CORTLAND AVE, SYRACUSE, NY	06/07/23 10:45	06/07/23
L2331318-22	SURF-02	SOIL	140 CORTLAND AVE, SYRACUSE, NY	06/07/23 11:50	06/07/23
L2331318-23	SURF-03	SOIL	140 CORTLAND AVE, SYRACUSE, NY	06/07/23 12:25	06/07/23
L2331318-24	SURF-04	SOIL	140 CORTLAND AVE, SYRACUSE, NY	06/07/23 13:20	06/07/23

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2331318-25	SURF-05	SOIL	140 CORTLAND AVE, SYRACUSE, NY	06/07/23 14:00	06/07/23
L2331318-26	TMW-108	WATER	140 CORTLAND AVE, SYRACUSE, NY	06/08/23 10:35	06/08/23
L2331318-27	TMW-105	WATER	140 CORTLAND AVE, SYRACUSE, NY	06/08/23 09:25	06/08/23
L2331318-28	TMW-112	WATER	140 CORTLAND AVE, SYRACUSE, NY	06/08/23 13:30	06/08/23
L2331318-29	TMW-101	WATER	140 CORTLAND AVE, SYRACUSE, NY	06/08/23 08:30	06/08/23
L2331318-30	TMW-111	WATER	140 CORTLAND AVE, SYRACUSE, NY	06/08/23 15:00	06/08/23
L2331318-31	TMW-117	WATER	140 CORTLAND AVE, SYRACUSE, NY	06/08/23 12:40	06/08/23
L2331318-32	TMW-114	WATER	140 CORTLAND AVE, SYRACUSE, NY	06/08/23 14:00	06/08/23

Project Name: JMA ADDITIONAL INVESTIGATION
Project Number: 059294

Lab Number: L2331318
Report Date: 07/05/23

Case Narrative

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

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

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

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

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

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

Project Name: JMA ADDITIONAL INVESTIGATION
Project Number: 059294

Lab Number: L2331318
Report Date: 07/05/23

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

L2331318-15 through -20: The analysis of Total Solids was performed at the client's request.

L2331318-22 through -25: The sample collection dates were supplied by the client.

L2331318-26, -30, -31, and -32: The sample was received above the appropriate pH for the Total Metals analysis. The laboratory added additional HNO₃ to a pH <2.

Volatile Organics

L2331318-11: The sample was analyzed as a High Level Methanol in order to quantitate results within the calibration range. The result should be considered estimated, and is qualified with an E flag, for any compound that exceeded the calibration on the initial Low Level analysis. The results of both analyses are reported.

Differences were noted between the results of the analyses which have been attributed to vial discrepancies.

L2331318-11 (Low-Level): The acetone result should be considered estimated due to co-elution with a non-target compound.

L2331318-11 (Low-Level): The surrogate recovery is outside the acceptance criteria for 4-bromofluorobenzene (235%); however, the sample was not re-analyzed due to coelution with an obvious interference. A copy of the chromatogram is included as an attachment to this report.

L2331318-13 and -20: The analysis of Volatile Organics by EPA Method 5035/8260 Low Level could not be performed due to the elevated concentrations of non-target compounds in the sample.

L2331318-13: The surrogate recovery is outside the acceptance criteria for 4-bromofluorobenzene (164%); however, the sample was not re-analyzed due to coelution with an obvious interference. A copy of the chromatogram is included as an attachment to this report.

L2331318-17 (Low-Level): The surrogate recovery was outside the acceptance criteria for 4-bromofluorobenzene (160%) due to obvious interferences. A copy of the chromatogram is included as an

Project Name: JMA ADDITIONAL INVESTIGATION
Project Number: 059294

Lab Number: L2331318
Report Date: 07/05/23

Case Narrative (continued)

attachment to this report. The sample was analyzed as a High Level Methanol in order to quantitate result(s) within the calibration range. The result should be considered estimated, and is qualified with an E flag, for any compound that exceeded the calibration on the initial Low Level analysis. The results of both analyses are reported.

L2331318-19: The surrogate recovery is outside the acceptance criteria for 4-bromofluorobenzene (211%); however, the sample was not re-analyzed due to coelution with an obvious interference. A copy of the chromatogram is included as an attachment to this report.

L2331318-20: The surrogate recovery is outside the acceptance criteria for 4-bromofluorobenzene (155%); however, the sample was not re-analyzed due to coelution with an obvious interference. A copy of the chromatogram is included as an attachment to this report.

L2331318-26, -27, -29D, -30, -31, and -32: The sample was received in the proper acid-preserved containers; however, upon analysis, the pH was determined to be greater than 2, and thus the method required holding time was exceeded.

Semivolatile Organics

L2331318-22D, -23D, and -25D: The sample has elevated detection limits due to the dilution required by the sample matrix.

The WG1788928-2 LCS recoveries, associated with L2331318-17, -22D, -23D, and -25D, are below the acceptance criteria for 2,4-dinitrophenol (0%) and 4,6-dinitro-o-cresol (3%); however, they have been identified as "difficult" analytes. The results of the associated samples are reported.

Total Metals

L2331318-21: The sample has an elevated detection limit for silver due to the dilution required by matrix interferences encountered during analysis.

L2331318-26, -27, and -31: The sample has elevated detection limits for all elements, with the exception of mercury, due to the prep dilution required by the sample matrix.

The WG1793301-3 MS recovery, performed on L2331318-04, is outside the acceptance criteria for lead

Project Name: JMA ADDITIONAL INVESTIGATION
Project Number: 059294

Lab Number: L2331318
Report Date: 07/05/23

Case Narrative (continued)

(69%). A post digestion spike was performed and was within acceptance criteria.

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:



Kelly Stenstrom

Title: Technical Director/Representative

Date: 07/05/23

ORGANICS

VOLATILES

Project Name: JMA ADDITIONAL INVESTIGATION**Lab Number:** L2331318**Project Number:** 059294**Report Date:** 07/05/23**SAMPLE RESULTS**

Lab ID: L2331318-01
 Client ID: SOIL-100
 Sample Location: 140 CORTLAND AVE, SYRACUSE, NY

Date Collected: 06/05/23 13:30
 Date Received: 06/05/23
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260D
 Analytical Date: 06/15/23 21:57
 Analyst: JIC
 Percent Solids: 89%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	4.1	1.9	1
1,1-Dichloroethane	ND		ug/kg	0.81	0.12	1
Chloroform	ND		ug/kg	1.2	0.11	1
Carbon tetrachloride	ND		ug/kg	0.81	0.19	1
1,2-Dichloropropane	ND		ug/kg	0.81	0.10	1
Dibromochloromethane	ND		ug/kg	0.81	0.11	1
1,1,2-Trichloroethane	ND		ug/kg	0.81	0.22	1
Tetrachloroethene	0.16	J	ug/kg	0.41	0.16	1
Chlorobenzene	ND		ug/kg	0.41	0.10	1
Trichlorofluoromethane	ND		ug/kg	3.2	0.56	1
1,2-Dichloroethane	ND		ug/kg	0.81	0.21	1
1,1,1-Trichloroethane	ND		ug/kg	0.41	0.14	1
Bromodichloromethane	ND		ug/kg	0.41	0.09	1
trans-1,3-Dichloropropene	ND		ug/kg	0.81	0.22	1
cis-1,3-Dichloropropene	ND		ug/kg	0.41	0.13	1
Bromoform	ND		ug/kg	3.2	0.20	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.41	0.14	1
Benzene	ND		ug/kg	0.41	0.14	1
Toluene	ND		ug/kg	0.81	0.44	1
Ethylbenzene	ND		ug/kg	0.81	0.11	1
Chloromethane	ND		ug/kg	3.2	0.76	1
Bromomethane	ND		ug/kg	1.6	0.47	1
Vinyl chloride	ND		ug/kg	0.81	0.27	1
Chloroethane	ND		ug/kg	1.6	0.37	1
1,1-Dichloroethene	ND		ug/kg	0.81	0.19	1
trans-1,2-Dichloroethene	ND		ug/kg	1.2	0.11	1
Trichloroethene	ND		ug/kg	0.41	0.11	1
1,2-Dichlorobenzene	ND		ug/kg	1.6	0.12	1

Project Name: JMA ADDITIONAL INVESTIGATION**Lab Number:** L2331318**Project Number:** 059294**Report Date:** 07/05/23**SAMPLE RESULTS****Lab ID:** L2331318-01**Date Collected:** 06/05/23 13:30**Client ID:** SOIL-100**Date Received:** 06/05/23**Sample Location:** 140 CORTLAND AVE, SYRACUSE, NY**Field Prep:** Not Specified**Sample Depth:**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	1.6	0.12	1
1,4-Dichlorobenzene	ND		ug/kg	1.6	0.14	1
Methyl tert butyl ether	ND		ug/kg	1.6	0.16	1
p/m-Xylene	ND		ug/kg	1.6	0.46	1
o-Xylene	ND		ug/kg	0.81	0.24	1
cis-1,2-Dichloroethene	ND		ug/kg	0.81	0.14	1
Styrene	ND		ug/kg	0.81	0.16	1
Dichlorodifluoromethane	ND		ug/kg	8.1	0.74	1
Acetone	ND		ug/kg	8.1	3.9	1
Carbon disulfide	ND		ug/kg	8.1	3.7	1
2-Butanone	ND		ug/kg	8.1	1.8	1
4-Methyl-2-pentanone	ND		ug/kg	8.1	1.0	1
2-Hexanone	ND		ug/kg	8.1	0.96	1
Bromochloromethane	ND		ug/kg	1.6	0.17	1
1,2-Dibromoethane	ND		ug/kg	0.81	0.23	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	2.4	0.81	1
Isopropylbenzene	ND		ug/kg	0.81	0.09	1
1,2,3-Trichlorobenzene	ND		ug/kg	1.6	0.26	1
1,2,4-Trichlorobenzene	ND		ug/kg	1.6	0.22	1
Methyl Acetate	ND		ug/kg	3.2	0.77	1
Cyclohexane	ND		ug/kg	8.1	0.44	1
1,4-Dioxane	ND		ug/kg	65	28.	1
Freon-113	ND		ug/kg	3.2	0.56	1
Methyl cyclohexane	ND		ug/kg	3.2	0.49	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	95		70-130
Toluene-d8	99		70-130
4-Bromofluorobenzene	101		70-130
Dibromofluoromethane	106		70-130

Project Name: JMA ADDITIONAL INVESTIGATION**Lab Number:** L2331318**Project Number:** 059294**Report Date:** 07/05/23**SAMPLE RESULTS**

Lab ID: L2331318-02
 Client ID: SOIL-101
 Sample Location: 140 CORTLAND AVE, SYRACUSE, NY

Date Collected: 06/05/23 14:30
 Date Received: 06/05/23
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260D
 Analytical Date: 06/15/23 22:23
 Analyst: JIC
 Percent Solids: 71%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	6.2	2.8	1
1,1-Dichloroethane	ND		ug/kg	1.2	0.18	1
Chloroform	ND		ug/kg	1.9	0.17	1
Carbon tetrachloride	ND		ug/kg	1.2	0.29	1
1,2-Dichloropropane	ND		ug/kg	1.2	0.16	1
Dibromochloromethane	ND		ug/kg	1.2	0.17	1
1,1,2-Trichloroethane	ND		ug/kg	1.2	0.33	1
Tetrachloroethene	ND		ug/kg	0.62	0.24	1
Chlorobenzene	ND		ug/kg	0.62	0.16	1
Trichlorofluoromethane	ND		ug/kg	5.0	0.87	1
1,2-Dichloroethane	ND		ug/kg	1.2	0.32	1
1,1,1-Trichloroethane	ND		ug/kg	0.62	0.21	1
Bromodichloromethane	ND		ug/kg	0.62	0.14	1
trans-1,3-Dichloropropene	ND		ug/kg	1.2	0.34	1
cis-1,3-Dichloropropene	ND		ug/kg	0.62	0.20	1
Bromoform	ND		ug/kg	5.0	0.31	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.62	0.21	1
Benzene	ND		ug/kg	0.62	0.21	1
Toluene	ND		ug/kg	1.2	0.68	1
Ethylbenzene	ND		ug/kg	1.2	0.18	1
Chloromethane	ND		ug/kg	5.0	1.2	1
Bromomethane	ND		ug/kg	2.5	0.72	1
Vinyl chloride	ND		ug/kg	1.2	0.42	1
Chloroethane	ND		ug/kg	2.5	0.56	1
1,1-Dichloroethene	ND		ug/kg	1.2	0.30	1
trans-1,2-Dichloroethene	ND		ug/kg	1.9	0.17	1
Trichloroethene	ND		ug/kg	0.62	0.17	1
1,2-Dichlorobenzene	ND		ug/kg	2.5	0.18	1

Project Name: JMA ADDITIONAL INVESTIGATION**Lab Number:** L2331318**Project Number:** 059294**Report Date:** 07/05/23**SAMPLE RESULTS**

Lab ID: L2331318-02
 Client ID: SOIL-101
 Sample Location: 140 CORTLAND AVE, SYRACUSE, NY

Date Collected: 06/05/23 14:30
 Date Received: 06/05/23
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	2.5	0.18	1
1,4-Dichlorobenzene	ND		ug/kg	2.5	0.21	1
Methyl tert butyl ether	ND		ug/kg	2.5	0.25	1
p/m-Xylene	ND		ug/kg	2.5	0.70	1
o-Xylene	ND		ug/kg	1.2	0.36	1
cis-1,2-Dichloroethene	0.40	J	ug/kg	1.2	0.22	1
Styrene	ND		ug/kg	1.2	0.24	1
Dichlorodifluoromethane	ND		ug/kg	12	1.1	1
Acetone	33		ug/kg	12	6.0	1
Carbon disulfide	6.8	J	ug/kg	12	5.7	1
2-Butanone	ND		ug/kg	12	2.8	1
4-Methyl-2-pentanone	ND		ug/kg	12	1.6	1
2-Hexanone	ND		ug/kg	12	1.5	1
Bromochloromethane	ND		ug/kg	2.5	0.26	1
1,2-Dibromoethane	ND		ug/kg	1.2	0.35	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.7	1.2	1
Isopropylbenzene	ND		ug/kg	1.2	0.14	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.5	0.40	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.5	0.34	1
Methyl Acetate	ND		ug/kg	5.0	1.2	1
Cyclohexane	ND		ug/kg	12	0.68	1
1,4-Dioxane	ND		ug/kg	100	44.	1
Freon-113	ND		ug/kg	5.0	0.86	1
Methyl cyclohexane	ND		ug/kg	5.0	0.75	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	100		70-130
Toluene-d8	97		70-130
4-Bromofluorobenzene	104		70-130
Dibromofluoromethane	109		70-130

Project Name: JMA ADDITIONAL INVESTIGATION**Lab Number:** L2331318**Project Number:** 059294**Report Date:** 07/05/23**SAMPLE RESULTS**

Lab ID: L2331318-03
 Client ID: SOIL-102
 Sample Location: 140 CORTLAND AVE, SYRACUSE, NY

Date Collected: 06/05/23 15:10
 Date Received: 06/05/23
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260D
 Analytical Date: 06/15/23 22:49
 Analyst: JIC
 Percent Solids: 84%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	5.0	2.3	1
1,1-Dichloroethane	ND		ug/kg	1.0	0.14	1
Chloroform	ND		ug/kg	1.5	0.14	1
Carbon tetrachloride	ND		ug/kg	1.0	0.23	1
1,2-Dichloropropane	ND		ug/kg	1.0	0.12	1
Dibromochloromethane	ND		ug/kg	1.0	0.14	1
1,1,2-Trichloroethane	ND		ug/kg	1.0	0.27	1
Tetrachloroethene	ND		ug/kg	0.50	0.20	1
Chlorobenzene	ND		ug/kg	0.50	0.13	1
Trichlorofluoromethane	ND		ug/kg	4.0	0.70	1
1,2-Dichloroethane	ND		ug/kg	1.0	0.26	1
1,1,1-Trichloroethane	ND		ug/kg	0.50	0.17	1
Bromodichloromethane	ND		ug/kg	0.50	0.11	1
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.27	1
cis-1,3-Dichloropropene	ND		ug/kg	0.50	0.16	1
Bromoform	ND		ug/kg	4.0	0.25	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.50	0.17	1
Benzene	ND		ug/kg	0.50	0.17	1
Toluene	ND		ug/kg	1.0	0.54	1
Ethylbenzene	ND		ug/kg	1.0	0.14	1
Chloromethane	ND		ug/kg	4.0	0.93	1
Bromomethane	ND		ug/kg	2.0	0.58	1
Vinyl chloride	ND		ug/kg	1.0	0.34	1
Chloroethane	ND		ug/kg	2.0	0.45	1
1,1-Dichloroethene	ND		ug/kg	1.0	0.24	1
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.14	1
Trichloroethene	ND		ug/kg	0.50	0.14	1
1,2-Dichlorobenzene	ND		ug/kg	2.0	0.14	1

Project Name: JMA ADDITIONAL INVESTIGATION**Lab Number:** L2331318**Project Number:** 059294**Report Date:** 07/05/23**SAMPLE RESULTS****Lab ID:** L2331318-03**Date Collected:** 06/05/23 15:10**Client ID:** SOIL-102**Date Received:** 06/05/23**Sample Location:** 140 CORTLAND AVE, SYRACUSE, NY**Field Prep:** Not Specified**Sample Depth:**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	2.0	0.15	1
1,4-Dichlorobenzene	ND		ug/kg	2.0	0.17	1
Methyl tert butyl ether	ND		ug/kg	2.0	0.20	1
p/m-Xylene	ND		ug/kg	2.0	0.56	1
o-Xylene	ND		ug/kg	1.0	0.29	1
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.18	1
Styrene	ND		ug/kg	1.0	0.20	1
Dichlorodifluoromethane	ND		ug/kg	10	0.92	1
Acetone	ND		ug/kg	10	4.8	1
Carbon disulfide	ND		ug/kg	10	4.6	1
2-Butanone	ND		ug/kg	10	2.2	1
4-Methyl-2-pentanone	ND		ug/kg	10	1.3	1
2-Hexanone	ND		ug/kg	10	1.2	1
Bromochloromethane	ND		ug/kg	2.0	0.20	1
1,2-Dibromoethane	ND		ug/kg	1.0	0.28	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.0	1.0	1
Isopropylbenzene	ND		ug/kg	1.0	0.11	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.0	0.32	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.0	0.27	1
Methyl Acetate	ND		ug/kg	4.0	0.95	1
Cyclohexane	ND		ug/kg	10	0.54	1
1,4-Dioxane	ND		ug/kg	80	35.	1
Freon-113	ND		ug/kg	4.0	0.69	1
Methyl cyclohexane	ND		ug/kg	4.0	0.60	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	99		70-130
Toluene-d8	96		70-130
4-Bromofluorobenzene	103		70-130
Dibromofluoromethane	106		70-130

Project Name: JMA ADDITIONAL INVESTIGATION**Lab Number:** L2331318**Project Number:** 059294**Report Date:** 07/05/23**SAMPLE RESULTS**

Lab ID: L2331318-04
 Client ID: SOIL-103
 Sample Location: 140 CORTLAND AVE, SYRACUSE, NY

Date Collected: 06/05/23 16:00
 Date Received: 06/05/23
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260D
 Analytical Date: 06/15/23 23:15
 Analyst: JIC
 Percent Solids: 66%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	7.4	3.4	1
1,1-Dichloroethane	ND		ug/kg	1.5	0.21	1
Chloroform	ND		ug/kg	2.2	0.20	1
Carbon tetrachloride	ND		ug/kg	1.5	0.34	1
1,2-Dichloropropane	ND		ug/kg	1.5	0.18	1
Dibromochloromethane	ND		ug/kg	1.5	0.20	1
1,1,2-Trichloroethane	ND		ug/kg	1.5	0.39	1
Tetrachloroethene	ND		ug/kg	0.74	0.29	1
Chlorobenzene	ND		ug/kg	0.74	0.19	1
Trichlorofluoromethane	ND		ug/kg	5.9	1.0	1
1,2-Dichloroethane	ND		ug/kg	1.5	0.38	1
1,1,1-Trichloroethane	ND		ug/kg	0.74	0.24	1
Bromodichloromethane	ND		ug/kg	0.74	0.16	1
trans-1,3-Dichloropropene	ND		ug/kg	1.5	0.40	1
cis-1,3-Dichloropropene	ND		ug/kg	0.74	0.23	1
Bromoform	ND		ug/kg	5.9	0.36	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.74	0.24	1
Benzene	ND		ug/kg	0.74	0.24	1
Toluene	ND		ug/kg	1.5	0.80	1
Ethylbenzene	ND		ug/kg	1.5	0.21	1
Chloromethane	ND		ug/kg	5.9	1.4	1
Bromomethane	ND		ug/kg	2.9	0.85	1
Vinyl chloride	ND		ug/kg	1.5	0.49	1
Chloroethane	ND		ug/kg	2.9	0.66	1
1,1-Dichloroethene	ND		ug/kg	1.5	0.35	1
trans-1,2-Dichloroethene	ND		ug/kg	2.2	0.20	1
Trichloroethene	ND		ug/kg	0.74	0.20	1
1,2-Dichlorobenzene	ND		ug/kg	2.9	0.21	1

Project Name: JMA ADDITIONAL INVESTIGATION**Lab Number:** L2331318**Project Number:** 059294**Report Date:** 07/05/23**SAMPLE RESULTS****Lab ID:** L2331318-04**Date Collected:** 06/05/23 16:00**Client ID:** SOIL-103**Date Received:** 06/05/23**Sample Location:** 140 CORTLAND AVE, SYRACUSE, NY**Field Prep:** Not Specified**Sample Depth:**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	2.9	0.22	1
1,4-Dichlorobenzene	ND		ug/kg	2.9	0.25	1
Methyl tert butyl ether	ND		ug/kg	2.9	0.30	1
p/m-Xylene	ND		ug/kg	2.9	0.82	1
o-Xylene	ND		ug/kg	1.5	0.43	1
cis-1,2-Dichloroethene	ND		ug/kg	1.5	0.26	1
Styrene	ND		ug/kg	1.5	0.29	1
Dichlorodifluoromethane	ND		ug/kg	15	1.3	1
Acetone	63		ug/kg	15	7.1	1
Carbon disulfide	ND		ug/kg	15	6.7	1
2-Butanone	ND		ug/kg	15	3.3	1
4-Methyl-2-pentanone	ND		ug/kg	15	1.9	1
2-Hexanone	ND		ug/kg	15	1.7	1
Bromochloromethane	ND		ug/kg	2.9	0.30	1
1,2-Dibromoethane	ND		ug/kg	1.5	0.41	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	4.4	1.5	1
Isopropylbenzene	ND		ug/kg	1.5	0.16	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.9	0.47	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.9	0.40	1
Methyl Acetate	ND		ug/kg	5.9	1.4	1
Cyclohexane	0.94	J	ug/kg	15	0.80	1
1,4-Dioxane	ND		ug/kg	120	52.	1
Freon-113	ND		ug/kg	5.9	1.0	1
Methyl cyclohexane	1.4	J	ug/kg	5.9	0.89	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	99		70-130
Toluene-d8	98		70-130
4-Bromofluorobenzene	90		70-130
Dibromofluoromethane	106		70-130

Project Name: JMA ADDITIONAL INVESTIGATION**Lab Number:** L2331318**Project Number:** 059294**Report Date:** 07/05/23**SAMPLE RESULTS**

Lab ID: L2331318-05
 Client ID: SOIL-104
 Sample Location: 140 CORTLAND AVE, SYRACUSE, NY

Date Collected: 06/05/23 16:30
 Date Received: 06/05/23
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260D
 Analytical Date: 06/15/23 23:41
 Analyst: JIC
 Percent Solids: 63%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	8.0	3.6	1
1,1-Dichloroethane	ND		ug/kg	1.6	0.23	1
Chloroform	ND		ug/kg	2.4	0.22	1
Carbon tetrachloride	ND		ug/kg	1.6	0.37	1
1,2-Dichloropropane	ND		ug/kg	1.6	0.20	1
Dibromochloromethane	ND		ug/kg	1.6	0.22	1
1,1,2-Trichloroethane	ND		ug/kg	1.6	0.43	1
Tetrachloroethene	ND		ug/kg	0.80	0.31	1
Chlorobenzene	ND		ug/kg	0.80	0.20	1
Trichlorofluoromethane	ND		ug/kg	6.4	1.1	1
1,2-Dichloroethane	ND		ug/kg	1.6	0.41	1
1,1,1-Trichloroethane	ND		ug/kg	0.80	0.27	1
Bromodichloromethane	ND		ug/kg	0.80	0.17	1
trans-1,3-Dichloropropene	ND		ug/kg	1.6	0.44	1
cis-1,3-Dichloropropene	ND		ug/kg	0.80	0.25	1
Bromoform	ND		ug/kg	6.4	0.39	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.80	0.26	1
Benzene	ND		ug/kg	0.80	0.26	1
Toluene	ND		ug/kg	1.6	0.87	1
Ethylbenzene	ND		ug/kg	1.6	0.22	1
Chloromethane	ND		ug/kg	6.4	1.5	1
Bromomethane	ND		ug/kg	3.2	0.93	1
Vinyl chloride	ND		ug/kg	1.6	0.54	1
Chloroethane	ND		ug/kg	3.2	0.72	1
1,1-Dichloroethene	ND		ug/kg	1.6	0.38	1
trans-1,2-Dichloroethene	ND		ug/kg	2.4	0.22	1
Trichloroethene	ND		ug/kg	0.80	0.22	1
1,2-Dichlorobenzene	ND		ug/kg	3.2	0.23	1

Project Name: JMA ADDITIONAL INVESTIGATION**Lab Number:** L2331318**Project Number:** 059294**Report Date:** 07/05/23**SAMPLE RESULTS**

Lab ID: L2331318-05
 Client ID: SOIL-104
 Sample Location: 140 CORTLAND AVE, SYRACUSE, NY

Date Collected: 06/05/23 16:30
 Date Received: 06/05/23
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	3.2	0.24	1
1,4-Dichlorobenzene	ND		ug/kg	3.2	0.27	1
Methyl tert butyl ether	ND		ug/kg	3.2	0.32	1
p/m-Xylene	ND		ug/kg	3.2	0.89	1
o-Xylene	ND		ug/kg	1.6	0.46	1
cis-1,2-Dichloroethene	ND		ug/kg	1.6	0.28	1
Styrene	ND		ug/kg	1.6	0.31	1
Dichlorodifluoromethane	ND		ug/kg	16	1.5	1
Acetone	78		ug/kg	16	7.7	1
Carbon disulfide	ND		ug/kg	16	7.3	1
2-Butanone	18		ug/kg	16	3.5	1
4-Methyl-2-pentanone	ND		ug/kg	16	2.0	1
2-Hexanone	ND		ug/kg	16	1.9	1
Bromochloromethane	ND		ug/kg	3.2	0.33	1
1,2-Dibromoethane	ND		ug/kg	1.6	0.44	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	4.8	1.6	1
Isopropylbenzene	ND		ug/kg	1.6	0.17	1
1,2,3-Trichlorobenzene	ND		ug/kg	3.2	0.51	1
1,2,4-Trichlorobenzene	ND		ug/kg	3.2	0.43	1
Methyl Acetate	ND		ug/kg	6.4	1.5	1
Cyclohexane	ND		ug/kg	16	0.87	1
1,4-Dioxane	ND		ug/kg	130	56.	1
Freon-113	ND		ug/kg	6.4	1.1	1
Methyl cyclohexane	ND		ug/kg	6.4	0.96	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	98		70-130
Toluene-d8	97		70-130
4-Bromofluorobenzene	89		70-130
Dibromofluoromethane	108		70-130

Project Name: JMA ADDITIONAL INVESTIGATION**Lab Number:** L2331318**Project Number:** 059294**Report Date:** 07/05/23**SAMPLE RESULTS**

Lab ID: L2331318-06
 Client ID: SOIL-105
 Sample Location: 140 CORTLAND AVE, SYRACUSE, NY

Date Collected: 06/06/23 08:35
 Date Received: 06/06/23
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260D
 Analytical Date: 06/18/23 21:59
 Analyst: AJK
 Percent Solids: 84%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	5.1	2.3	1
1,1-Dichloroethane	ND		ug/kg	1.0	0.15	1
Chloroform	ND		ug/kg	1.5	0.14	1
Carbon tetrachloride	ND		ug/kg	1.0	0.23	1
1,2-Dichloropropane	ND		ug/kg	1.0	0.13	1
Dibromochloromethane	ND		ug/kg	1.0	0.14	1
1,1,2-Trichloroethane	ND		ug/kg	1.0	0.27	1
Tetrachloroethene	ND		ug/kg	0.51	0.20	1
Chlorobenzene	ND		ug/kg	0.51	0.13	1
Trichlorofluoromethane	ND		ug/kg	4.1	0.71	1
1,2-Dichloroethane	ND		ug/kg	1.0	0.26	1
1,1,1-Trichloroethane	ND		ug/kg	0.51	0.17	1
Bromodichloromethane	ND		ug/kg	0.51	0.11	1
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.28	1
cis-1,3-Dichloropropene	ND		ug/kg	0.51	0.16	1
Bromoform	ND		ug/kg	4.1	0.25	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.51	0.17	1
Benzene	ND		ug/kg	0.51	0.17	1
Toluene	ND		ug/kg	1.0	0.55	1
Ethylbenzene	ND		ug/kg	1.0	0.14	1
Chloromethane	ND		ug/kg	4.1	0.95	1
Bromomethane	ND		ug/kg	2.0	0.59	1
Vinyl chloride	ND		ug/kg	1.0	0.34	1
Chloroethane	ND		ug/kg	2.0	0.46	1
1,1-Dichloroethene	ND		ug/kg	1.0	0.24	1
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.14	1
Trichloroethene	ND		ug/kg	0.51	0.14	1
1,2-Dichlorobenzene	ND		ug/kg	2.0	0.15	1

Project Name: JMA ADDITIONAL INVESTIGATION**Lab Number:** L2331318**Project Number:** 059294**Report Date:** 07/05/23**SAMPLE RESULTS****Lab ID:** L2331318-06**Date Collected:** 06/06/23 08:35**Client ID:** SOIL-105**Date Received:** 06/06/23**Sample Location:** 140 CORTLAND AVE, SYRACUSE, NY**Field Prep:** Not Specified**Sample Depth:**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	2.0	0.15	1
1,4-Dichlorobenzene	ND		ug/kg	2.0	0.17	1
Methyl tert butyl ether	ND		ug/kg	2.0	0.20	1
p/m-Xylene	ND		ug/kg	2.0	0.57	1
o-Xylene	ND		ug/kg	1.0	0.30	1
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.18	1
Styrene	ND		ug/kg	1.0	0.20	1
Dichlorodifluoromethane	ND		ug/kg	10	0.93	1
Acetone	9.5	J	ug/kg	10	4.9	1
Carbon disulfide	ND		ug/kg	10	4.6	1
2-Butanone	ND		ug/kg	10	2.2	1
4-Methyl-2-pentanone	ND		ug/kg	10	1.3	1
2-Hexanone	ND		ug/kg	10	1.2	1
Bromochloromethane	ND		ug/kg	2.0	0.21	1
1,2-Dibromoethane	ND		ug/kg	1.0	0.28	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.0	1.0	1
Isopropylbenzene	ND		ug/kg	1.0	0.11	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.0	0.33	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.0	0.28	1
Methyl Acetate	ND		ug/kg	4.1	0.97	1
Cyclohexane	ND		ug/kg	10	0.55	1
1,4-Dioxane	ND		ug/kg	81	36.	1
Freon-113	ND		ug/kg	4.1	0.70	1
Methyl cyclohexane	ND		ug/kg	4.1	0.61	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	117		70-130
Toluene-d8	95		70-130
4-Bromofluorobenzene	96		70-130
Dibromofluoromethane	107		70-130

Project Name: JMA ADDITIONAL INVESTIGATION**Lab Number:** L2331318**Project Number:** 059294**Report Date:** 07/05/23**SAMPLE RESULTS**

Lab ID: L2331318-07
 Client ID: SOIL-106
 Sample Location: 140 CORTLAND AVE, SYRACUSE, NY

Date Collected: 06/06/23 10:15
 Date Received: 06/06/23
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260D
 Analytical Date: 06/18/23 22:25
 Analyst: AJK
 Percent Solids: 85%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	6.4	2.9	1
1,1-Dichloroethane	ND		ug/kg	1.3	0.18	1
Chloroform	ND		ug/kg	1.9	0.18	1
Carbon tetrachloride	ND		ug/kg	1.3	0.29	1
1,2-Dichloropropane	ND		ug/kg	1.3	0.16	1
Dibromochloromethane	ND		ug/kg	1.3	0.18	1
1,1,2-Trichloroethane	ND		ug/kg	1.3	0.34	1
Tetrachloroethene	ND		ug/kg	0.64	0.25	1
Chlorobenzene	ND		ug/kg	0.64	0.16	1
Trichlorofluoromethane	ND		ug/kg	5.1	0.88	1
1,2-Dichloroethane	ND		ug/kg	1.3	0.33	1
1,1,1-Trichloroethane	ND		ug/kg	0.64	0.21	1
Bromodichloromethane	ND		ug/kg	0.64	0.14	1
trans-1,3-Dichloropropene	ND		ug/kg	1.3	0.35	1
cis-1,3-Dichloropropene	ND		ug/kg	0.64	0.20	1
Bromoform	ND		ug/kg	5.1	0.31	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.64	0.21	1
Benzene	ND		ug/kg	0.64	0.21	1
Toluene	ND		ug/kg	1.3	0.69	1
Ethylbenzene	ND		ug/kg	1.3	0.18	1
Chloromethane	ND		ug/kg	5.1	1.2	1
Bromomethane	ND		ug/kg	2.5	0.74	1
Vinyl chloride	0.89	J	ug/kg	1.3	0.42	1
Chloroethane	ND		ug/kg	2.5	0.57	1
1,1-Dichloroethene	ND		ug/kg	1.3	0.30	1
trans-1,2-Dichloroethene	ND		ug/kg	1.9	0.17	1
Trichloroethene	ND		ug/kg	0.64	0.17	1
1,2-Dichlorobenzene	ND		ug/kg	2.5	0.18	1

Project Name: JMA ADDITIONAL INVESTIGATION**Lab Number:** L2331318**Project Number:** 059294**Report Date:** 07/05/23**SAMPLE RESULTS****Lab ID:** L2331318-07**Date Collected:** 06/06/23 10:15**Client ID:** SOIL-106**Date Received:** 06/06/23**Sample Location:** 140 CORTLAND AVE, SYRACUSE, NY**Field Prep:** Not Specified**Sample Depth:**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	2.5	0.19	1
1,4-Dichlorobenzene	ND		ug/kg	2.5	0.22	1
Methyl tert butyl ether	ND		ug/kg	2.5	0.26	1
p/m-Xylene	ND		ug/kg	2.5	0.71	1
o-Xylene	ND		ug/kg	1.3	0.37	1
cis-1,2-Dichloroethene	2.6		ug/kg	1.3	0.22	1
Styrene	ND		ug/kg	1.3	0.25	1
Dichlorodifluoromethane	ND		ug/kg	13	1.2	1
Acetone	42		ug/kg	13	6.1	1
Carbon disulfide	13		ug/kg	13	5.8	1
2-Butanone	7.2	J	ug/kg	13	2.8	1
4-Methyl-2-pentanone	ND		ug/kg	13	1.6	1
2-Hexanone	ND		ug/kg	13	1.5	1
Bromochloromethane	ND		ug/kg	2.5	0.26	1
1,2-Dibromoethane	ND		ug/kg	1.3	0.35	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.8	1.3	1
Isopropylbenzene	ND		ug/kg	1.3	0.14	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.5	0.41	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.5	0.34	1
Methyl Acetate	ND		ug/kg	5.1	1.2	1
Cyclohexane	ND		ug/kg	13	0.69	1
1,4-Dioxane	ND		ug/kg	100	44.	1
Freon-113	ND		ug/kg	5.1	0.88	1
Methyl cyclohexane	ND		ug/kg	5.1	0.76	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	114		70-130
Toluene-d8	98		70-130
4-Bromofluorobenzene	96		70-130
Dibromofluoromethane	106		70-130

Project Name: JMA ADDITIONAL INVESTIGATION**Lab Number:** L2331318**Project Number:** 059294**Report Date:** 07/05/23**SAMPLE RESULTS**

Lab ID: L2331318-08
 Client ID: SOIL-107
 Sample Location: 140 CORTLAND AVE, SYRACUSE, NY

Date Collected: 06/06/23 11:20
 Date Received: 06/06/23
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260D
 Analytical Date: 06/18/23 22:51
 Analyst: AJK
 Percent Solids: 73%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	5.6	2.6	1
1,1-Dichloroethane	ND		ug/kg	1.1	0.16	1
Chloroform	ND		ug/kg	1.7	0.16	1
Carbon tetrachloride	ND		ug/kg	1.1	0.26	1
1,2-Dichloropropane	ND		ug/kg	1.1	0.14	1
Dibromochloromethane	ND		ug/kg	1.1	0.16	1
1,1,2-Trichloroethane	ND		ug/kg	1.1	0.30	1
Tetrachloroethene	ND		ug/kg	0.56	0.22	1
Chlorobenzene	ND		ug/kg	0.56	0.14	1
Trichlorofluoromethane	ND		ug/kg	4.5	0.78	1
1,2-Dichloroethane	ND		ug/kg	1.1	0.29	1
1,1,1-Trichloroethane	ND		ug/kg	0.56	0.19	1
Bromodichloromethane	ND		ug/kg	0.56	0.12	1
trans-1,3-Dichloropropene	ND		ug/kg	1.1	0.31	1
cis-1,3-Dichloropropene	ND		ug/kg	0.56	0.18	1
Bromoform	ND		ug/kg	4.5	0.28	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.56	0.19	1
Benzene	ND		ug/kg	0.56	0.19	1
Toluene	ND		ug/kg	1.1	0.61	1
Ethylbenzene	ND		ug/kg	1.1	0.16	1
Chloromethane	ND		ug/kg	4.5	1.0	1
Bromomethane	ND		ug/kg	2.2	0.65	1
Vinyl chloride	ND		ug/kg	1.1	0.38	1
Chloroethane	ND		ug/kg	2.2	0.51	1
1,1-Dichloroethene	ND		ug/kg	1.1	0.27	1
trans-1,2-Dichloroethene	0.32	J	ug/kg	1.7	0.15	1
Trichloroethene	ND		ug/kg	0.56	0.15	1
1,2-Dichlorobenzene	ND		ug/kg	2.2	0.16	1

Project Name: JMA ADDITIONAL INVESTIGATION**Lab Number:** L2331318**Project Number:** 059294**Report Date:** 07/05/23**SAMPLE RESULTS****Lab ID:** L2331318-08**Date Collected:** 06/06/23 11:20**Client ID:** SOIL-107**Date Received:** 06/06/23**Sample Location:** 140 CORTLAND AVE, SYRACUSE, NY**Field Prep:** Not Specified**Sample Depth:**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	2.2	0.17	1
1,4-Dichlorobenzene	ND		ug/kg	2.2	0.19	1
Methyl tert butyl ether	ND		ug/kg	2.2	0.23	1
p/m-Xylene	ND		ug/kg	2.2	0.63	1
o-Xylene	ND		ug/kg	1.1	0.33	1
cis-1,2-Dichloroethene	ND		ug/kg	1.1	0.20	1
Styrene	ND		ug/kg	1.1	0.22	1
Dichlorodifluoromethane	ND		ug/kg	11	1.0	1
Acetone	12		ug/kg	11	5.4	1
Carbon disulfide	10	J	ug/kg	11	5.1	1
2-Butanone	ND		ug/kg	11	2.5	1
4-Methyl-2-pentanone	ND		ug/kg	11	1.4	1
2-Hexanone	ND		ug/kg	11	1.3	1
Bromochloromethane	ND		ug/kg	2.2	0.23	1
1,2-Dibromoethane	ND		ug/kg	1.1	0.31	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.4	1.1	1
Isopropylbenzene	ND		ug/kg	1.1	0.12	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.2	0.36	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.2	0.31	1
Methyl Acetate	ND		ug/kg	4.5	1.1	1
Cyclohexane	ND		ug/kg	11	0.61	1
1,4-Dioxane	ND		ug/kg	90	40.	1
Freon-113	ND		ug/kg	4.5	0.78	1
Methyl cyclohexane	ND		ug/kg	4.5	0.68	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	116		70-130
Toluene-d8	95		70-130
4-Bromofluorobenzene	94		70-130
Dibromofluoromethane	105		70-130

Project Name: JMA ADDITIONAL INVESTIGATION**Lab Number:** L2331318**Project Number:** 059294**Report Date:** 07/05/23**SAMPLE RESULTS**

Lab ID: L2331318-09
 Client ID: SOIL-108
 Sample Location: 140 CORTLAND AVE, SYRACUSE, NY

Date Collected: 06/06/23 12:00
 Date Received: 06/06/23
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260D
 Analytical Date: 06/18/23 23:16
 Analyst: AJK
 Percent Solids: 76%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	5.2	2.4	1
1,1-Dichloroethane	ND		ug/kg	1.0	0.15	1
Chloroform	ND		ug/kg	1.6	0.14	1
Carbon tetrachloride	ND		ug/kg	1.0	0.24	1
1,2-Dichloropropane	ND		ug/kg	1.0	0.13	1
Dibromochloromethane	ND		ug/kg	1.0	0.14	1
1,1,2-Trichloroethane	ND		ug/kg	1.0	0.28	1
Tetrachloroethene	0.50	J	ug/kg	0.52	0.20	1
Chlorobenzene	ND		ug/kg	0.52	0.13	1
Trichlorofluoromethane	ND		ug/kg	4.1	0.72	1
1,2-Dichloroethane	ND		ug/kg	1.0	0.26	1
1,1,1-Trichloroethane	ND		ug/kg	0.52	0.17	1
Bromodichloromethane	ND		ug/kg	0.52	0.11	1
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.28	1
cis-1,3-Dichloropropene	ND		ug/kg	0.52	0.16	1
Bromoform	ND		ug/kg	4.1	0.25	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.52	0.17	1
Benzene	ND		ug/kg	0.52	0.17	1
Toluene	ND		ug/kg	1.0	0.56	1
Ethylbenzene	ND		ug/kg	1.0	0.14	1
Chloromethane	ND		ug/kg	4.1	0.96	1
Bromomethane	ND		ug/kg	2.1	0.60	1
Vinyl chloride	ND		ug/kg	1.0	0.35	1
Chloroethane	ND		ug/kg	2.1	0.47	1
1,1-Dichloroethene	ND		ug/kg	1.0	0.25	1
trans-1,2-Dichloroethene	ND		ug/kg	1.6	0.14	1
Trichloroethene	ND		ug/kg	0.52	0.14	1
1,2-Dichlorobenzene	ND		ug/kg	2.1	0.15	1

Project Name: JMA ADDITIONAL INVESTIGATION**Lab Number:** L2331318**Project Number:** 059294**Report Date:** 07/05/23**SAMPLE RESULTS****Lab ID:** L2331318-09**Date Collected:** 06/06/23 12:00**Client ID:** SOIL-108**Date Received:** 06/06/23**Sample Location:** 140 CORTLAND AVE, SYRACUSE, NY**Field Prep:** Not Specified**Sample Depth:**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	2.1	0.15	1
1,4-Dichlorobenzene	ND		ug/kg	2.1	0.18	1
Methyl tert butyl ether	ND		ug/kg	2.1	0.21	1
p/m-Xylene	ND		ug/kg	2.1	0.58	1
o-Xylene	ND		ug/kg	1.0	0.30	1
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.18	1
Styrene	ND		ug/kg	1.0	0.20	1
Dichlorodifluoromethane	ND		ug/kg	10	0.94	1
Acetone	7.9	J	ug/kg	10	5.0	1
Carbon disulfide	ND		ug/kg	10	4.7	1
2-Butanone	ND		ug/kg	10	2.3	1
4-Methyl-2-pentanone	ND		ug/kg	10	1.3	1
2-Hexanone	ND		ug/kg	10	1.2	1
Bromochloromethane	ND		ug/kg	2.1	0.21	1
1,2-Dibromoethane	ND		ug/kg	1.0	0.29	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.1	1.0	1
Isopropylbenzene	ND		ug/kg	1.0	0.11	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.1	0.33	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.1	0.28	1
Methyl Acetate	ND		ug/kg	4.1	0.98	1
Cyclohexane	ND		ug/kg	10	0.56	1
1,4-Dioxane	ND		ug/kg	83	36.	1
Freon-113	ND		ug/kg	4.1	0.72	1
Methyl cyclohexane	ND		ug/kg	4.1	0.62	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	120		70-130
Toluene-d8	93		70-130
4-Bromofluorobenzene	94		70-130
Dibromofluoromethane	106		70-130

Project Name: JMA ADDITIONAL INVESTIGATION**Lab Number:** L2331318**Project Number:** 059294**Report Date:** 07/05/23**SAMPLE RESULTS**

Lab ID: L2331318-10
 Client ID: SOIL-109
 Sample Location: 140 CORTLAND AVE, SYRACUSE, NY

Date Collected: 06/06/23 14:10
 Date Received: 06/06/23
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260D
 Analytical Date: 06/18/23 23:42
 Analyst: AJK
 Percent Solids: 61%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	7.0	3.2	1
1,1-Dichloroethane	ND		ug/kg	1.4	0.20	1
Chloroform	ND		ug/kg	2.1	0.20	1
Carbon tetrachloride	ND		ug/kg	1.4	0.32	1
1,2-Dichloropropane	ND		ug/kg	1.4	0.17	1
Dibromochloromethane	ND		ug/kg	1.4	0.20	1
1,1,2-Trichloroethane	ND		ug/kg	1.4	0.37	1
Tetrachloroethene	ND		ug/kg	0.70	0.27	1
Chlorobenzene	ND		ug/kg	0.70	0.18	1
Trichlorofluoromethane	ND		ug/kg	5.6	0.97	1
1,2-Dichloroethane	ND		ug/kg	1.4	0.36	1
1,1,1-Trichloroethane	ND		ug/kg	0.70	0.23	1
Bromodichloromethane	ND		ug/kg	0.70	0.15	1
trans-1,3-Dichloropropene	ND		ug/kg	1.4	0.38	1
cis-1,3-Dichloropropene	ND		ug/kg	0.70	0.22	1
Bromoform	ND		ug/kg	5.6	0.34	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.70	0.23	1
Benzene	ND		ug/kg	0.70	0.23	1
Toluene	ND		ug/kg	1.4	0.76	1
Ethylbenzene	ND		ug/kg	1.4	0.20	1
Chloromethane	ND		ug/kg	5.6	1.3	1
Bromomethane	ND		ug/kg	2.8	0.81	1
Vinyl chloride	ND		ug/kg	1.4	0.47	1
Chloroethane	ND		ug/kg	2.8	0.63	1
1,1-Dichloroethene	ND		ug/kg	1.4	0.33	1
trans-1,2-Dichloroethene	ND		ug/kg	2.1	0.19	1
Trichloroethene	ND		ug/kg	0.70	0.19	1
1,2-Dichlorobenzene	ND		ug/kg	2.8	0.20	1

Project Name: JMA ADDITIONAL INVESTIGATION**Lab Number:** L2331318**Project Number:** 059294**Report Date:** 07/05/23**SAMPLE RESULTS****Lab ID:** L2331318-10**Date Collected:** 06/06/23 14:10**Client ID:** SOIL-109**Date Received:** 06/06/23**Sample Location:** 140 CORTLAND AVE, SYRACUSE, NY**Field Prep:** Not Specified**Sample Depth:**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	2.8	0.21	1
1,4-Dichlorobenzene	ND		ug/kg	2.8	0.24	1
Methyl tert butyl ether	ND		ug/kg	2.8	0.28	1
p/m-Xylene	ND		ug/kg	2.8	0.78	1
o-Xylene	ND		ug/kg	1.4	0.41	1
cis-1,2-Dichloroethene	ND		ug/kg	1.4	0.24	1
Styrene	ND		ug/kg	1.4	0.27	1
Dichlorodifluoromethane	ND		ug/kg	14	1.3	1
Acetone	49		ug/kg	14	6.7	1
Carbon disulfide	7.7	J	ug/kg	14	6.4	1
2-Butanone	7.3	J	ug/kg	14	3.1	1
4-Methyl-2-pentanone	ND		ug/kg	14	1.8	1
2-Hexanone	ND		ug/kg	14	1.6	1
Bromochloromethane	ND		ug/kg	2.8	0.29	1
1,2-Dibromoethane	ND		ug/kg	1.4	0.39	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	4.2	1.4	1
Isopropylbenzene	ND		ug/kg	1.4	0.15	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.8	0.45	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.8	0.38	1
Methyl Acetate	ND		ug/kg	5.6	1.3	1
Cyclohexane	ND		ug/kg	14	0.76	1
1,4-Dioxane	ND		ug/kg	110	49.	1
Freon-113	ND		ug/kg	5.6	0.97	1
Methyl cyclohexane	ND		ug/kg	5.6	0.84	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	119		70-130
Toluene-d8	95		70-130
4-Bromofluorobenzene	95		70-130
Dibromofluoromethane	106		70-130

Project Name: JMA ADDITIONAL INVESTIGATION**Lab Number:** L2331318**Project Number:** 059294**Report Date:** 07/05/23**SAMPLE RESULTS**

Lab ID: L2331318-11
 Client ID: SOIL-110
 Sample Location: 140 CORTLAND AVE, SYRACUSE, NY

Date Collected: 06/06/23 14:50
 Date Received: 06/06/23
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260D
 Analytical Date: 06/19/23 01:52
 Analyst: AJK
 Percent Solids: 70%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	6.5	3.0	1
1,1-Dichloroethane	2.7		ug/kg	1.3	0.19	1
Chloroform	ND		ug/kg	1.9	0.18	1
Carbon tetrachloride	ND		ug/kg	1.3	0.30	1
1,2-Dichloropropane	ND		ug/kg	1.3	0.16	1
Dibromochloromethane	ND		ug/kg	1.3	0.18	1
1,1,2-Trichloroethane	ND		ug/kg	1.3	0.34	1
Tetrachloroethene	7.3		ug/kg	0.65	0.25	1
Chlorobenzene	ND		ug/kg	0.65	0.16	1
Trichlorofluoromethane	ND		ug/kg	5.2	0.90	1
1,2-Dichloroethane	ND		ug/kg	1.3	0.33	1
1,1,1-Trichloroethane	ND		ug/kg	0.65	0.22	1
Bromodichloromethane	ND		ug/kg	0.65	0.14	1
trans-1,3-Dichloropropene	ND		ug/kg	1.3	0.35	1
cis-1,3-Dichloropropene	ND		ug/kg	0.65	0.20	1
Bromoform	ND		ug/kg	5.2	0.32	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.65	0.21	1
Benzene	6.4		ug/kg	0.65	0.21	1
Toluene	0.94	J	ug/kg	1.3	0.70	1
Ethylbenzene	1.4		ug/kg	1.3	0.18	1
Chloromethane	ND		ug/kg	5.2	1.2	1
Bromomethane	ND		ug/kg	2.6	0.75	1
Vinyl chloride	6.8		ug/kg	1.3	0.43	1
Chloroethane	ND		ug/kg	2.6	0.58	1
1,1-Dichloroethene	ND		ug/kg	1.3	0.31	1
trans-1,2-Dichloroethene	5.2		ug/kg	1.9	0.18	1
Trichloroethene	ND		ug/kg	0.65	0.18	1
1,2-Dichlorobenzene	ND		ug/kg	2.6	0.19	1

Project Name: JMA ADDITIONAL INVESTIGATION**Lab Number:** L2331318**Project Number:** 059294**Report Date:** 07/05/23**SAMPLE RESULTS****Lab ID:** L2331318-11**Date Collected:** 06/06/23 14:50**Client ID:** SOIL-110**Date Received:** 06/06/23**Sample Location:** 140 CORTLAND AVE, SYRACUSE, NY**Field Prep:** Not Specified**Sample Depth:**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	2.6	0.19	1
1,4-Dichlorobenzene	ND		ug/kg	2.6	0.22	1
Methyl tert butyl ether	ND		ug/kg	2.6	0.26	1
p/m-Xylene	ND		ug/kg	2.6	0.72	1
o-Xylene	2.8		ug/kg	1.3	0.38	1
cis-1,2-Dichloroethene	4.9		ug/kg	1.3	0.23	1
Styrene	ND		ug/kg	1.3	0.25	1
Dichlorodifluoromethane	ND		ug/kg	13	1.2	1
Acetone	240		ug/kg	13	6.2	1
Carbon disulfide	ND		ug/kg	13	5.9	1
2-Butanone	ND		ug/kg	13	2.9	1
4-Methyl-2-pentanone	ND		ug/kg	13	1.6	1
2-Hexanone	ND		ug/kg	13	1.5	1
Bromochloromethane	ND		ug/kg	2.6	0.26	1
1,2-Dibromoethane	ND		ug/kg	1.3	0.36	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.9	1.3	1
Isopropylbenzene	40		ug/kg	1.3	0.14	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.6	0.42	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.6	0.35	1
Methyl Acetate	ND		ug/kg	5.2	1.2	1
Cyclohexane	190		ug/kg	13	0.70	1
1,4-Dioxane	ND		ug/kg	100	45.	1
Freon-113	ND		ug/kg	5.2	0.90	1
Methyl cyclohexane	430	E	ug/kg	5.2	0.78	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	124		70-130
Toluene-d8	107		70-130
4-Bromofluorobenzene	235	Q	70-130
Dibromofluoromethane	101		70-130

Project Name: JMA ADDITIONAL INVESTIGATION**Lab Number:** L2331318**Project Number:** 059294**Report Date:** 07/05/23**SAMPLE RESULTS**

Lab ID: L2331318-11
 Client ID: SOIL-110
 Sample Location: 140 CORTLAND AVE, SYRACUSE, NY

Date Collected: 06/06/23 14:50
 Date Received: 06/06/23
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260D
 Analytical Date: 06/19/23 13:27
 Analyst: JIC
 Percent Solids: 70%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
Methylene chloride	ND		ug/kg	420	190	1
1,1-Dichloroethane	ND		ug/kg	85	12.	1
Chloroform	ND		ug/kg	130	12.	1
Carbon tetrachloride	ND		ug/kg	85	20.	1
1,2-Dichloropropane	ND		ug/kg	85	11.	1
Dibromochloromethane	ND		ug/kg	85	12.	1
1,1,2-Trichloroethane	ND		ug/kg	85	23.	1
Tetrachloroethene	170		ug/kg	42	17.	1
Chlorobenzene	22	J	ug/kg	42	11.	1
Trichlorofluoromethane	ND		ug/kg	340	59.	1
1,2-Dichloroethane	ND		ug/kg	85	22.	1
1,1,1-Trichloroethane	ND		ug/kg	42	14.	1
Bromodichloromethane	ND		ug/kg	42	9.2	1
trans-1,3-Dichloropropene	ND		ug/kg	85	23.	1
cis-1,3-Dichloropropene	ND		ug/kg	42	13.	1
Bromoform	ND		ug/kg	340	21.	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	42	14.	1
Benzene	ND		ug/kg	42	14.	1
Toluene	ND		ug/kg	85	46.	1
Ethylbenzene	40	J	ug/kg	85	12.	1
Chloromethane	ND		ug/kg	340	79.	1
Bromomethane	ND		ug/kg	170	49.	1
Vinyl chloride	ND		ug/kg	85	28.	1
Chloroethane	ND		ug/kg	170	38.	1
1,1-Dichloroethene	ND		ug/kg	85	20.	1
trans-1,2-Dichloroethene	ND		ug/kg	130	12.	1
Trichloroethene	ND		ug/kg	42	12.	1
1,2-Dichlorobenzene	ND		ug/kg	170	12.	1

Project Name: JMA ADDITIONAL INVESTIGATION**Lab Number:** L2331318**Project Number:** 059294**Report Date:** 07/05/23**SAMPLE RESULTS****Lab ID:** L2331318-11**Date Collected:** 06/06/23 14:50**Client ID:** SOIL-110**Date Received:** 06/06/23**Sample Location:** 140 CORTLAND AVE, SYRACUSE, NY**Field Prep:** Not Specified**Sample Depth:**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	170	12.	1
1,4-Dichlorobenzene	ND		ug/kg	170	14.	1
Methyl tert butyl ether	ND		ug/kg	170	17.	1
p/m-Xylene	ND		ug/kg	170	48.	1
o-Xylene	35	J	ug/kg	85	25.	1
cis-1,2-Dichloroethene	21	J	ug/kg	85	15.	1
Styrene	ND		ug/kg	85	17.	1
Dichlorodifluoromethane	ND		ug/kg	850	78.	1
Acetone	ND		ug/kg	850	410	1
Carbon disulfide	ND		ug/kg	850	390	1
2-Butanone	ND		ug/kg	850	190	1
4-Methyl-2-pentanone	ND		ug/kg	850	110	1
2-Hexanone	ND		ug/kg	850	100	1
Bromochloromethane	ND		ug/kg	170	17.	1
1,2-Dibromoethane	ND		ug/kg	85	24.	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	250	85.	1
Isopropylbenzene	340		ug/kg	85	9.2	1
1,2,3-Trichlorobenzene	ND		ug/kg	170	27.	1
1,2,4-Trichlorobenzene	ND		ug/kg	170	23.	1
Methyl Acetate	390		ug/kg	340	81.	1
Cyclohexane	560	J	ug/kg	850	46.	1
1,4-Dioxane	ND		ug/kg	6800	3000	1
Freon-113	ND		ug/kg	340	59.	1
Methyl cyclohexane	1600		ug/kg	340	51.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	110		70-130
Toluene-d8	99		70-130
4-Bromofluorobenzene	114		70-130
Dibromofluoromethane	101		70-130

Project Name: JMA ADDITIONAL INVESTIGATION**Lab Number:** L2331318**Project Number:** 059294**Report Date:** 07/05/23**SAMPLE RESULTS**

Lab ID: L2331318-12
 Client ID: SOIL-111
 Sample Location: 140 CORTLAND AVE, SYRACUSE, NY

Date Collected: 06/06/23 16:00
 Date Received: 06/06/23
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260D
 Analytical Date: 06/19/23 00:08
 Analyst: AJK
 Percent Solids: 73%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	6.0	2.8	1
1,1-Dichloroethane	ND		ug/kg	1.2	0.17	1
Chloroform	ND		ug/kg	1.8	0.17	1
Carbon tetrachloride	ND		ug/kg	1.2	0.28	1
1,2-Dichloropropane	ND		ug/kg	1.2	0.15	1
Dibromochloromethane	ND		ug/kg	1.2	0.17	1
1,1,2-Trichloroethane	ND		ug/kg	1.2	0.32	1
Tetrachloroethene	0.31	J	ug/kg	0.60	0.24	1
Chlorobenzene	ND		ug/kg	0.60	0.15	1
Trichlorofluoromethane	ND		ug/kg	4.8	0.83	1
1,2-Dichloroethane	ND		ug/kg	1.2	0.31	1
1,1,1-Trichloroethane	ND		ug/kg	0.60	0.20	1
Bromodichloromethane	ND		ug/kg	0.60	0.13	1
trans-1,3-Dichloropropene	ND		ug/kg	1.2	0.33	1
cis-1,3-Dichloropropene	ND		ug/kg	0.60	0.19	1
Bromoform	ND		ug/kg	4.8	0.30	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.60	0.20	1
Benzene	0.26	J	ug/kg	0.60	0.20	1
Toluene	ND		ug/kg	1.2	0.65	1
Ethylbenzene	ND		ug/kg	1.2	0.17	1
Chloromethane	ND		ug/kg	4.8	1.1	1
Bromomethane	ND		ug/kg	2.4	0.70	1
Vinyl chloride	1.2		ug/kg	1.2	0.40	1
Chloroethane	ND		ug/kg	2.4	0.54	1
1,1-Dichloroethene	ND		ug/kg	1.2	0.28	1
trans-1,2-Dichloroethene	ND		ug/kg	1.8	0.16	1
Trichloroethene	ND		ug/kg	0.60	0.16	1
1,2-Dichlorobenzene	ND		ug/kg	2.4	0.17	1

Project Name: JMA ADDITIONAL INVESTIGATION**Lab Number:** L2331318**Project Number:** 059294**Report Date:** 07/05/23**SAMPLE RESULTS****Lab ID:** L2331318-12**Date Collected:** 06/06/23 16:00**Client ID:** SOIL-111**Date Received:** 06/06/23**Sample Location:** 140 CORTLAND AVE, SYRACUSE, NY**Field Prep:** Not Specified**Sample Depth:**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	2.4	0.18	1
1,4-Dichlorobenzene	ND		ug/kg	2.4	0.20	1
Methyl tert butyl ether	ND		ug/kg	2.4	0.24	1
p/m-Xylene	ND		ug/kg	2.4	0.67	1
o-Xylene	ND		ug/kg	1.2	0.35	1
cis-1,2-Dichloroethene	0.51	J	ug/kg	1.2	0.21	1
Styrene	ND		ug/kg	1.2	0.24	1
Dichlorodifluoromethane	ND		ug/kg	12	1.1	1
Acetone	98		ug/kg	12	5.8	1
Carbon disulfide	ND		ug/kg	12	5.5	1
2-Butanone	24		ug/kg	12	2.7	1
4-Methyl-2-pentanone	ND		ug/kg	12	1.5	1
2-Hexanone	ND		ug/kg	12	1.4	1
Bromochloromethane	ND		ug/kg	2.4	0.25	1
1,2-Dibromoethane	ND		ug/kg	1.2	0.34	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.6	1.2	1
Isopropylbenzene	ND		ug/kg	1.2	0.13	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.4	0.39	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.4	0.33	1
Methyl Acetate	ND		ug/kg	4.8	1.1	1
Cyclohexane	ND		ug/kg	12	0.65	1
1,4-Dioxane	ND		ug/kg	96	42.	1
Freon-113	ND		ug/kg	4.8	0.83	1
Methyl cyclohexane	ND		ug/kg	4.8	0.72	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	118		70-130
Toluene-d8	94		70-130
4-Bromofluorobenzene	94		70-130
Dibromofluoromethane	110		70-130

Project Name: JMA ADDITIONAL INVESTIGATION**Lab Number:** L2331318**Project Number:** 059294**Report Date:** 07/05/23**SAMPLE RESULTS**

Lab ID: L2331318-13
 Client ID: SOIL-112
 Sample Location: 140 CORTLAND AVE, SYRACUSE, NY

Date Collected: 06/07/23 08:15
 Date Received: 06/07/23
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260D
 Analytical Date: 06/20/23 13:32
 Analyst: LAC
 Percent Solids: 75%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
Methylene chloride	ND		ug/kg	370	170	1
1,1-Dichloroethane	ND		ug/kg	75	11.	1
Chloroform	ND		ug/kg	110	10.	1
Carbon tetrachloride	ND		ug/kg	75	17.	1
1,2-Dichloropropane	ND		ug/kg	75	9.4	1
Dibromochloromethane	ND		ug/kg	75	10.	1
1,1,2-Trichloroethane	ND		ug/kg	75	20.	1
Tetrachloroethene	ND		ug/kg	37	15.	1
Chlorobenzene	ND		ug/kg	37	9.5	1
Trichlorofluoromethane	ND		ug/kg	300	52.	1
1,2-Dichloroethane	ND		ug/kg	75	19.	1
1,1,1-Trichloroethane	ND		ug/kg	37	12.	1
Bromodichloromethane	ND		ug/kg	37	8.2	1
trans-1,3-Dichloropropene	ND		ug/kg	75	20.	1
cis-1,3-Dichloropropene	ND		ug/kg	37	12.	1
Bromoform	ND		ug/kg	300	18.	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	37	12.	1
Benzene	20	J	ug/kg	37	12.	1
Toluene	ND		ug/kg	75	41.	1
Ethylbenzene	160		ug/kg	75	10.	1
Chloromethane	ND		ug/kg	300	70.	1
Bromomethane	ND		ug/kg	150	44.	1
Vinyl chloride	36	J	ug/kg	75	25.	1
Chloroethane	ND		ug/kg	150	34.	1
1,1-Dichloroethene	ND		ug/kg	75	18.	1
trans-1,2-Dichloroethene	ND		ug/kg	110	10.	1
Trichloroethene	41		ug/kg	37	10.	1
1,2-Dichlorobenzene	21	J	ug/kg	150	11.	1

Project Name: JMA ADDITIONAL INVESTIGATION**Lab Number:** L2331318**Project Number:** 059294**Report Date:** 07/05/23**SAMPLE RESULTS****Lab ID:** L2331318-13**Date Collected:** 06/07/23 08:15**Client ID:** SOIL-112**Date Received:** 06/07/23**Sample Location:** 140 CORTLAND AVE, SYRACUSE, NY**Field Prep:** Not Specified**Sample Depth:**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	150	11.	1
1,4-Dichlorobenzene	ND		ug/kg	150	13.	1
Methyl tert butyl ether	ND		ug/kg	150	15.	1
p/m-Xylene	410		ug/kg	150	42.	1
o-Xylene	58	J	ug/kg	75	22.	1
cis-1,2-Dichloroethene	64	J	ug/kg	75	13.	1
Styrene	ND		ug/kg	75	15.	1
Dichlorodifluoromethane	ND		ug/kg	750	68.	1
Acetone	820		ug/kg	750	360	1
Carbon disulfide	ND		ug/kg	750	340	1
2-Butanone	300	J	ug/kg	750	170	1
4-Methyl-2-pentanone	ND		ug/kg	750	96.	1
2-Hexanone	ND		ug/kg	750	88.	1
Bromochloromethane	ND		ug/kg	150	15.	1
1,2-Dibromoethane	ND		ug/kg	75	21.	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	220	75.	1
Isopropylbenzene	2200		ug/kg	75	8.2	1
1,2,3-Trichlorobenzene	ND		ug/kg	150	24.	1
1,2,4-Trichlorobenzene	ND		ug/kg	150	20.	1
Methyl Acetate	940		ug/kg	300	71.	1
Cyclohexane	130	J	ug/kg	750	41.	1
1,4-Dioxane	ND		ug/kg	6000	2600	1
Freon-113	ND		ug/kg	300	52.	1
Methyl cyclohexane	1200		ug/kg	300	45.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	99		70-130
Toluene-d8	103		70-130
4-Bromofluorobenzene	164	Q	70-130
Dibromofluoromethane	89		70-130

Project Name: JMA ADDITIONAL INVESTIGATION**Lab Number:** L2331318**Project Number:** 059294**Report Date:** 07/05/23**SAMPLE RESULTS**

Lab ID: L2331318-14
 Client ID: SOIL-113
 Sample Location: 140 CORTLAND AVE, SYRACUSE, NY

Date Collected: 06/07/23 08:55
 Date Received: 06/07/23
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260D
 Analytical Date: 06/20/23 10:57
 Analyst: LAC
 Percent Solids: 84%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	5.0	2.3	1
1,1-Dichloroethane	ND		ug/kg	1.0	0.14	1
Chloroform	ND		ug/kg	1.5	0.14	1
Carbon tetrachloride	ND		ug/kg	1.0	0.23	1
1,2-Dichloropropane	ND		ug/kg	1.0	0.12	1
Dibromochloromethane	ND		ug/kg	1.0	0.14	1
1,1,2-Trichloroethane	ND		ug/kg	1.0	0.27	1
Tetrachloroethene	ND		ug/kg	0.50	0.20	1
Chlorobenzene	ND		ug/kg	0.50	0.13	1
Trichlorofluoromethane	ND		ug/kg	4.0	0.69	1
1,2-Dichloroethane	ND		ug/kg	1.0	0.26	1
1,1,1-Trichloroethane	ND		ug/kg	0.50	0.17	1
Bromodichloromethane	ND		ug/kg	0.50	0.11	1
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.27	1
cis-1,3-Dichloropropene	ND		ug/kg	0.50	0.16	1
Bromoform	ND		ug/kg	4.0	0.24	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.50	0.16	1
Benzene	ND		ug/kg	0.50	0.16	1
Toluene	ND		ug/kg	1.0	0.54	1
Ethylbenzene	ND		ug/kg	1.0	0.14	1
Chloromethane	ND		ug/kg	4.0	0.93	1
Bromomethane	ND		ug/kg	2.0	0.58	1
Vinyl chloride	ND		ug/kg	1.0	0.33	1
Chloroethane	ND		ug/kg	2.0	0.45	1
1,1-Dichloroethene	ND		ug/kg	1.0	0.24	1
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.14	1
Trichloroethene	ND		ug/kg	0.50	0.14	1
1,2-Dichlorobenzene	ND		ug/kg	2.0	0.14	1

Project Name: JMA ADDITIONAL INVESTIGATION**Lab Number:** L2331318**Project Number:** 059294**Report Date:** 07/05/23**SAMPLE RESULTS****Lab ID:** L2331318-14**Date Collected:** 06/07/23 08:55**Client ID:** SOIL-113**Date Received:** 06/07/23**Sample Location:** 140 CORTLAND AVE, SYRACUSE, NY**Field Prep:** Not Specified**Sample Depth:**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	2.0	0.15	1
1,4-Dichlorobenzene	ND		ug/kg	2.0	0.17	1
Methyl tert butyl ether	ND		ug/kg	2.0	0.20	1
p/m-Xylene	ND		ug/kg	2.0	0.56	1
o-Xylene	ND		ug/kg	1.0	0.29	1
cis-1,2-Dichloroethene	0.86	J	ug/kg	1.0	0.17	1
Styrene	ND		ug/kg	1.0	0.20	1
Dichlorodifluoromethane	ND		ug/kg	10	0.91	1
Acetone	47		ug/kg	10	4.8	1
Carbon disulfide	ND		ug/kg	10	4.5	1
2-Butanone	6.9	J	ug/kg	10	2.2	1
4-Methyl-2-pentanone	ND		ug/kg	10	1.3	1
2-Hexanone	ND		ug/kg	10	1.2	1
Bromochloromethane	ND		ug/kg	2.0	0.20	1
1,2-Dibromoethane	ND		ug/kg	1.0	0.28	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.0	1.0	1
Isopropylbenzene	ND		ug/kg	1.0	0.11	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.0	0.32	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.0	0.27	1
Methyl Acetate	0.97	J	ug/kg	4.0	0.95	1
Cyclohexane	ND		ug/kg	10	0.54	1
1,4-Dioxane	ND		ug/kg	80	35.	1
Freon-113	ND		ug/kg	4.0	0.69	1
Methyl cyclohexane	ND		ug/kg	4.0	0.60	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	100		70-130
Toluene-d8	102		70-130
4-Bromofluorobenzene	108		70-130
Dibromofluoromethane	96		70-130

Project Name: JMA ADDITIONAL INVESTIGATION**Lab Number:** L2331318**Project Number:** 059294**Report Date:** 07/05/23**SAMPLE RESULTS**

Lab ID: L2331318-15
 Client ID: SOIL-114
 Sample Location: 140 CORTLAND AVE, SYRACUSE, NY

Date Collected: 06/07/23 10:10
 Date Received: 06/07/23
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260D
 Analytical Date: 06/20/23 11:36
 Analyst: LAC
 Percent Solids: 61%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	8.4	3.8	1
1,1-Dichloroethane	ND		ug/kg	1.7	0.24	1
Chloroform	ND		ug/kg	2.5	0.23	1
Carbon tetrachloride	ND		ug/kg	1.7	0.39	1
1,2-Dichloropropane	ND		ug/kg	1.7	0.21	1
Dibromochloromethane	ND		ug/kg	1.7	0.23	1
1,1,2-Trichloroethane	ND		ug/kg	1.7	0.45	1
Tetrachloroethene	ND		ug/kg	0.84	0.33	1
Chlorobenzene	ND		ug/kg	0.84	0.21	1
Trichlorofluoromethane	ND		ug/kg	6.7	1.2	1
1,2-Dichloroethane	ND		ug/kg	1.7	0.43	1
1,1,1-Trichloroethane	ND		ug/kg	0.84	0.28	1
Bromodichloromethane	ND		ug/kg	0.84	0.18	1
trans-1,3-Dichloropropene	ND		ug/kg	1.7	0.46	1
cis-1,3-Dichloropropene	ND		ug/kg	0.84	0.26	1
Bromoform	ND		ug/kg	6.7	0.41	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.84	0.28	1
Benzene	ND		ug/kg	0.84	0.28	1
Toluene	ND		ug/kg	1.7	0.91	1
Ethylbenzene	ND		ug/kg	1.7	0.24	1
Chloromethane	ND		ug/kg	6.7	1.6	1
Bromomethane	ND		ug/kg	3.4	0.98	1
Vinyl chloride	ND		ug/kg	1.7	0.56	1
Chloroethane	ND		ug/kg	3.4	0.76	1
1,1-Dichloroethene	ND		ug/kg	1.7	0.40	1
trans-1,2-Dichloroethene	ND		ug/kg	2.5	0.23	1
Trichloroethene	ND		ug/kg	0.84	0.23	1
1,2-Dichlorobenzene	ND		ug/kg	3.4	0.24	1

Project Name: JMA ADDITIONAL INVESTIGATION**Lab Number:** L2331318**Project Number:** 059294**Report Date:** 07/05/23**SAMPLE RESULTS**

Lab ID: L2331318-15
 Client ID: SOIL-114
 Sample Location: 140 CORTLAND AVE, SYRACUSE, NY

Date Collected: 06/07/23 10:10
 Date Received: 06/07/23
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	3.4	0.25	1
1,4-Dichlorobenzene	ND		ug/kg	3.4	0.29	1
Methyl tert butyl ether	ND		ug/kg	3.4	0.34	1
p/m-Xylene	ND		ug/kg	3.4	0.94	1
o-Xylene	ND		ug/kg	1.7	0.49	1
cis-1,2-Dichloroethene	ND		ug/kg	1.7	0.29	1
Styrene	ND		ug/kg	1.7	0.33	1
Dichlorodifluoromethane	ND		ug/kg	17	1.5	1
Acetone	90		ug/kg	17	8.1	1
Carbon disulfide	ND		ug/kg	17	7.6	1
2-Butanone	25		ug/kg	17	3.7	1
4-Methyl-2-pentanone	ND		ug/kg	17	2.1	1
2-Hexanone	ND		ug/kg	17	2.0	1
Bromochloromethane	ND		ug/kg	3.4	0.34	1
1,2-Dibromoethane	ND		ug/kg	1.7	0.47	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	5.0	1.7	1
Isopropylbenzene	ND		ug/kg	1.7	0.18	1
1,2,3-Trichlorobenzene	ND		ug/kg	3.4	0.54	1
1,2,4-Trichlorobenzene	ND		ug/kg	3.4	0.46	1
Methyl Acetate	ND		ug/kg	6.7	1.6	1
Cyclohexane	ND		ug/kg	17	0.91	1
1,4-Dioxane	ND		ug/kg	130	59.	1
Freon-113	ND		ug/kg	6.7	1.2	1
Methyl cyclohexane	ND		ug/kg	6.7	1.0	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	102		70-130
Toluene-d8	103		70-130
4-Bromofluorobenzene	111		70-130
Dibromofluoromethane	96		70-130

Project Name: JMA ADDITIONAL INVESTIGATION**Lab Number:** L2331318**Project Number:** 059294**Report Date:** 07/05/23**SAMPLE RESULTS**

Lab ID: L2331318-16
 Client ID: SOIL-115
 Sample Location: 140 CORTLAND AVE, SYRACUSE, NY

Date Collected: 06/07/23 13:20
 Date Received: 06/07/23
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260D
 Analytical Date: 06/20/23 12:53
 Analyst: LAC
 Percent Solids: 56%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	10	4.7	1
1,1-Dichloroethane	ND		ug/kg	2.0	0.30	1
Chloroform	ND		ug/kg	3.1	0.29	1
Carbon tetrachloride	ND		ug/kg	2.0	0.47	1
1,2-Dichloropropane	ND		ug/kg	2.0	0.26	1
Dibromochloromethane	ND		ug/kg	2.0	0.29	1
1,1,2-Trichloroethane	ND		ug/kg	2.0	0.55	1
Tetrachloroethene	ND		ug/kg	1.0	0.40	1
Chlorobenzene	ND		ug/kg	1.0	0.26	1
Trichlorofluoromethane	ND		ug/kg	8.2	1.4	1
1,2-Dichloroethane	ND		ug/kg	2.0	0.52	1
1,1,1-Trichloroethane	ND		ug/kg	1.0	0.34	1
Bromodichloromethane	ND		ug/kg	1.0	0.22	1
trans-1,3-Dichloropropene	ND		ug/kg	2.0	0.56	1
cis-1,3-Dichloropropene	ND		ug/kg	1.0	0.32	1
Bromoform	ND		ug/kg	8.2	0.50	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	1.0	0.34	1
Benzene	ND		ug/kg	1.0	0.34	1
Toluene	1.2	J	ug/kg	2.0	1.1	1
Ethylbenzene	ND		ug/kg	2.0	0.29	1
Chloromethane	ND		ug/kg	8.2	1.9	1
Bromomethane	ND		ug/kg	4.1	1.2	1
Vinyl chloride	ND		ug/kg	2.0	0.68	1
Chloroethane	ND		ug/kg	4.1	0.92	1
1,1-Dichloroethene	ND		ug/kg	2.0	0.49	1
trans-1,2-Dichloroethene	ND		ug/kg	3.1	0.28	1
Trichloroethene	0.29	J	ug/kg	1.0	0.28	1
1,2-Dichlorobenzene	ND		ug/kg	4.1	0.29	1

Project Name: JMA ADDITIONAL INVESTIGATION**Lab Number:** L2331318**Project Number:** 059294**Report Date:** 07/05/23**SAMPLE RESULTS****Lab ID:** L2331318-16**Date Collected:** 06/07/23 13:20**Client ID:** SOIL-115**Date Received:** 06/07/23**Sample Location:** 140 CORTLAND AVE, SYRACUSE, NY**Field Prep:** Not Specified**Sample Depth:**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	4.1	0.30	1
1,4-Dichlorobenzene	ND		ug/kg	4.1	0.35	1
Methyl tert butyl ether	ND		ug/kg	4.1	0.41	1
p/m-Xylene	1.8	J	ug/kg	4.1	1.1	1
o-Xylene	0.61	J	ug/kg	2.0	0.60	1
cis-1,2-Dichloroethene	ND		ug/kg	2.0	0.36	1
Styrene	ND		ug/kg	2.0	0.40	1
Dichlorodifluoromethane	ND		ug/kg	20	1.9	1
Acetone	160		ug/kg	20	9.8	1
Carbon disulfide	ND		ug/kg	20	9.3	1
2-Butanone	23		ug/kg	20	4.5	1
4-Methyl-2-pentanone	ND		ug/kg	20	2.6	1
2-Hexanone	ND		ug/kg	20	2.4	1
Bromochloromethane	ND		ug/kg	4.1	0.42	1
1,2-Dibromoethane	ND		ug/kg	2.0	0.57	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	6.1	2.0	1
Isopropylbenzene	ND		ug/kg	2.0	0.22	1
1,2,3-Trichlorobenzene	ND		ug/kg	4.1	0.66	1
1,2,4-Trichlorobenzene	ND		ug/kg	4.1	0.56	1
Methyl Acetate	21		ug/kg	8.2	1.9	1
Cyclohexane	ND		ug/kg	20	1.1	1
1,4-Dioxane	ND		ug/kg	160	72.	1
Freon-113	ND		ug/kg	8.2	1.4	1
Methyl cyclohexane	ND		ug/kg	8.2	1.2	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	101		70-130
Toluene-d8	104		70-130
4-Bromofluorobenzene	112		70-130
Dibromofluoromethane	93		70-130

Project Name: JMA ADDITIONAL INVESTIGATION**Lab Number:** L2331318**Project Number:** 059294**Report Date:** 07/05/23**SAMPLE RESULTS**

Lab ID: L2331318-17
 Client ID: SOIL-116
 Sample Location: 140 CORTLAND AVE, SYRACUSE, NY

Date Collected: 06/07/23 14:20
 Date Received: 06/07/23
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260D
 Analytical Date: 06/20/23 14:11
 Analyst: LAC
 Percent Solids: 84%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
Methylene chloride	ND		ug/kg	280	130	1
1,1-Dichloroethane	ND		ug/kg	55	8.0	1
Chloroform	ND		ug/kg	83	7.7	1
Carbon tetrachloride	ND		ug/kg	55	13.	1
1,2-Dichloropropane	ND		ug/kg	55	6.9	1
Dibromochloromethane	ND		ug/kg	55	7.7	1
1,1,2-Trichloroethane	ND		ug/kg	55	15.	1
Tetrachloroethene	ND		ug/kg	28	11.	1
Chlorobenzene	ND		ug/kg	28	7.0	1
Trichlorofluoromethane	ND		ug/kg	220	38.	1
1,2-Dichloroethane	ND		ug/kg	55	14.	1
1,1,1-Trichloroethane	ND		ug/kg	28	9.2	1
Bromodichloromethane	ND		ug/kg	28	6.0	1
trans-1,3-Dichloropropene	ND		ug/kg	55	15.	1
cis-1,3-Dichloropropene	ND		ug/kg	28	8.7	1
Bromoform	ND		ug/kg	220	14.	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	28	9.2	1
Benzene	ND		ug/kg	28	9.2	1
Toluene	ND		ug/kg	55	30.	1
Ethylbenzene	ND		ug/kg	55	7.8	1
Chloromethane	ND		ug/kg	220	52.	1
Bromomethane	ND		ug/kg	110	32.	1
Vinyl chloride	ND		ug/kg	55	18.	1
Chloroethane	ND		ug/kg	110	25.	1
1,1-Dichloroethene	ND		ug/kg	55	13.	1
trans-1,2-Dichloroethene	ND		ug/kg	83	7.6	1
Trichloroethene	ND		ug/kg	28	7.6	1
1,2-Dichlorobenzene	ND		ug/kg	110	8.0	1

Project Name: JMA ADDITIONAL INVESTIGATION**Lab Number:** L2331318**Project Number:** 059294**Report Date:** 07/05/23**SAMPLE RESULTS****Lab ID:** L2331318-17**Date Collected:** 06/07/23 14:20**Client ID:** SOIL-116**Date Received:** 06/07/23**Sample Location:** 140 CORTLAND AVE, SYRACUSE, NY**Field Prep:** Not Specified**Sample Depth:**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	110	8.2	1
1,4-Dichlorobenzene	ND		ug/kg	110	9.4	1
Methyl tert butyl ether	ND		ug/kg	110	11.	1
p/m-Xylene	ND		ug/kg	110	31.	1
o-Xylene	ND		ug/kg	55	16.	1
cis-1,2-Dichloroethene	ND		ug/kg	55	9.7	1
Styrene	ND		ug/kg	55	11.	1
Dichlorodifluoromethane	ND		ug/kg	550	50.	1
Acetone	ND		ug/kg	550	260	1
Carbon disulfide	ND		ug/kg	550	250	1
2-Butanone	ND		ug/kg	550	120	1
4-Methyl-2-pentanone	ND		ug/kg	550	71.	1
2-Hexanone	ND		ug/kg	550	65.	1
Bromochloromethane	ND		ug/kg	110	11.	1
1,2-Dibromoethane	ND		ug/kg	55	15.	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	160	55.	1
Isopropylbenzene	40	J	ug/kg	55	6.0	1
1,2,3-Trichlorobenzene	ND		ug/kg	110	18.	1
1,2,4-Trichlorobenzene	ND		ug/kg	110	15.	1
Methyl Acetate	ND		ug/kg	220	52.	1
Cyclohexane	54	J	ug/kg	550	30.	1
1,4-Dioxane	ND		ug/kg	4400	1900	1
Freon-113	ND		ug/kg	220	38.	1
Methyl cyclohexane	700		ug/kg	220	33.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	97		70-130
Toluene-d8	102		70-130
4-Bromofluorobenzene	106		70-130
Dibromofluoromethane	88		70-130

Project Name: JMA ADDITIONAL INVESTIGATION**Lab Number:** L2331318**Project Number:** 059294**Report Date:** 07/05/23**SAMPLE RESULTS**

Lab ID: L2331318-17
 Client ID: SOIL-116
 Sample Location: 140 CORTLAND AVE, SYRACUSE, NY

Date Collected: 06/07/23 14:20
 Date Received: 06/07/23
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260D
 Analytical Date: 06/21/23 03:43
 Analyst: JIC
 Percent Solids: 84%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	4.2	1.9	1
1,1-Dichloroethane	ND		ug/kg	0.84	0.12	1
Chloroform	ND		ug/kg	1.2	0.12	1
Carbon tetrachloride	ND		ug/kg	0.84	0.19	1
1,2-Dichloropropane	ND		ug/kg	0.84	0.10	1
Dibromochloromethane	ND		ug/kg	0.84	0.12	1
1,1,2-Trichloroethane	ND		ug/kg	0.84	0.22	1
Tetrachloroethene	ND		ug/kg	0.42	0.16	1
Chlorobenzene	ND		ug/kg	0.42	0.11	1
Trichlorofluoromethane	ND		ug/kg	3.4	0.58	1
1,2-Dichloroethane	ND		ug/kg	0.84	0.22	1
1,1,1-Trichloroethane	ND		ug/kg	0.42	0.14	1
Bromodichloromethane	ND		ug/kg	0.42	0.09	1
trans-1,3-Dichloropropene	ND		ug/kg	0.84	0.23	1
cis-1,3-Dichloropropene	ND		ug/kg	0.42	0.13	1
Bromoform	ND		ug/kg	3.4	0.21	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.42	0.14	1
Benzene	ND		ug/kg	0.42	0.14	1
Toluene	0.82	J	ug/kg	0.84	0.45	1
Ethylbenzene	ND		ug/kg	0.84	0.12	1
Chloromethane	ND		ug/kg	3.4	0.78	1
Bromomethane	ND		ug/kg	1.7	0.49	1
Vinyl chloride	ND		ug/kg	0.84	0.28	1
Chloroethane	ND		ug/kg	1.7	0.38	1
1,1-Dichloroethene	ND		ug/kg	0.84	0.20	1
trans-1,2-Dichloroethene	ND		ug/kg	1.2	0.11	1
Trichloroethene	ND		ug/kg	0.42	0.11	1
1,2-Dichlorobenzene	ND		ug/kg	1.7	0.12	1

Project Name: JMA ADDITIONAL INVESTIGATION**Lab Number:** L2331318**Project Number:** 059294**Report Date:** 07/05/23**SAMPLE RESULTS**

Lab ID: L2331318-17
 Client ID: SOIL-116
 Sample Location: 140 CORTLAND AVE, SYRACUSE, NY

Date Collected: 06/07/23 14:20
 Date Received: 06/07/23
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	1.7	0.12	1
1,4-Dichlorobenzene	ND		ug/kg	1.7	0.14	1
Methyl tert butyl ether	ND		ug/kg	1.7	0.17	1
p/m-Xylene	0.58	J	ug/kg	1.7	0.47	1
o-Xylene	ND		ug/kg	0.84	0.24	1
cis-1,2-Dichloroethene	ND		ug/kg	0.84	0.15	1
Styrene	ND		ug/kg	0.84	0.16	1
Dichlorodifluoromethane	ND		ug/kg	8.4	0.77	1
Acetone	ND		ug/kg	8.4	4.0	1
Carbon disulfide	ND		ug/kg	8.4	3.8	1
2-Butanone	ND		ug/kg	8.4	1.8	1
4-Methyl-2-pentanone	ND		ug/kg	8.4	1.1	1
2-Hexanone	ND		ug/kg	8.4	0.99	1
Bromochloromethane	ND		ug/kg	1.7	0.17	1
1,2-Dibromoethane	ND		ug/kg	0.84	0.23	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	2.5	0.84	1
Isopropylbenzene	23		ug/kg	0.84	0.09	1
1,2,3-Trichlorobenzene	ND		ug/kg	1.7	0.27	1
1,2,4-Trichlorobenzene	ND		ug/kg	1.7	0.23	1
Methyl Acetate	ND		ug/kg	3.4	0.80	1
Cyclohexane	66		ug/kg	8.4	0.46	1
1,4-Dioxane	ND		ug/kg	67	29.	1
Freon-113	ND		ug/kg	3.4	0.58	1
Methyl cyclohexane	790	E	ug/kg	3.4	0.50	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	85		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	160	Q	70-130
Dibromofluoromethane	72		70-130

Project Name: JMA ADDITIONAL INVESTIGATION**Lab Number:** L2331318**Project Number:** 059294**Report Date:** 07/05/23**SAMPLE RESULTS**

Lab ID: L2331318-18
 Client ID: SOIL-117
 Sample Location: 140 CORTLAND AVE, SYRACUSE, NY

Date Collected: 06/07/23 15:15
 Date Received: 06/07/23
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260D
 Analytical Date: 06/20/23 12:15
 Analyst: LAC
 Percent Solids: 84%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	5.1	2.3	1
1,1-Dichloroethane	ND		ug/kg	1.0	0.15	1
Chloroform	ND		ug/kg	1.5	0.14	1
Carbon tetrachloride	ND		ug/kg	1.0	0.23	1
1,2-Dichloropropane	ND		ug/kg	1.0	0.13	1
Dibromochloromethane	ND		ug/kg	1.0	0.14	1
1,1,2-Trichloroethane	ND		ug/kg	1.0	0.27	1
Tetrachloroethene	ND		ug/kg	0.51	0.20	1
Chlorobenzene	ND		ug/kg	0.51	0.13	1
Trichlorofluoromethane	ND		ug/kg	4.0	0.70	1
1,2-Dichloroethane	ND		ug/kg	1.0	0.26	1
1,1,1-Trichloroethane	ND		ug/kg	0.51	0.17	1
Bromodichloromethane	ND		ug/kg	0.51	0.11	1
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.28	1
cis-1,3-Dichloropropene	ND		ug/kg	0.51	0.16	1
Bromoform	ND		ug/kg	4.0	0.25	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.51	0.17	1
Benzene	ND		ug/kg	0.51	0.17	1
Toluene	ND		ug/kg	1.0	0.55	1
Ethylbenzene	ND		ug/kg	1.0	0.14	1
Chloromethane	ND		ug/kg	4.0	0.94	1
Bromomethane	ND		ug/kg	2.0	0.59	1
Vinyl chloride	ND		ug/kg	1.0	0.34	1
Chloroethane	ND		ug/kg	2.0	0.46	1
1,1-Dichloroethene	ND		ug/kg	1.0	0.24	1
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.14	1
Trichloroethene	ND		ug/kg	0.51	0.14	1
1,2-Dichlorobenzene	ND		ug/kg	2.0	0.15	1

Project Name: JMA ADDITIONAL INVESTIGATION**Lab Number:** L2331318**Project Number:** 059294**Report Date:** 07/05/23**SAMPLE RESULTS****Lab ID:** L2331318-18**Date Collected:** 06/07/23 15:15**Client ID:** SOIL-117**Date Received:** 06/07/23**Sample Location:** 140 CORTLAND AVE, SYRACUSE, NY**Field Prep:** Not Specified**Sample Depth:**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	2.0	0.15	1
1,4-Dichlorobenzene	ND		ug/kg	2.0	0.17	1
Methyl tert butyl ether	ND		ug/kg	2.0	0.20	1
p/m-Xylene	ND		ug/kg	2.0	0.57	1
o-Xylene	ND		ug/kg	1.0	0.30	1
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.18	1
Styrene	ND		ug/kg	1.0	0.20	1
Dichlorodifluoromethane	ND		ug/kg	10	0.93	1
Acetone	11		ug/kg	10	4.9	1
Carbon disulfide	ND		ug/kg	10	4.6	1
2-Butanone	ND		ug/kg	10	2.2	1
4-Methyl-2-pentanone	ND		ug/kg	10	1.3	1
2-Hexanone	ND		ug/kg	10	1.2	1
Bromochloromethane	ND		ug/kg	2.0	0.21	1
1,2-Dibromoethane	ND		ug/kg	1.0	0.28	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.0	1.0	1
Isopropylbenzene	ND		ug/kg	1.0	0.11	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.0	0.33	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.0	0.28	1
Methyl Acetate	ND		ug/kg	4.0	0.96	1
Cyclohexane	ND		ug/kg	10	0.55	1
1,4-Dioxane	ND		ug/kg	81	36.	1
Freon-113	ND		ug/kg	4.0	0.70	1
Methyl cyclohexane	ND		ug/kg	4.0	0.61	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	98		70-130
Toluene-d8	102		70-130
4-Bromofluorobenzene	110		70-130
Dibromofluoromethane	95		70-130

Project Name: JMA ADDITIONAL INVESTIGATION**Lab Number:** L2331318**Project Number:** 059294**Report Date:** 07/05/23**SAMPLE RESULTS**

Lab ID: L2331318-19
 Client ID: SOIL-112-15FTN
 Sample Location: 140 CORTLAND AVE, SYRACUSE, NY

Date Collected: 06/07/23 10:50
 Date Received: 06/07/23
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260D
 Analytical Date: 06/20/23 14:49
 Analyst: LAC
 Percent Solids: 65%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
Methylene chloride	ND		ug/kg	470	220	1
1,1-Dichloroethane	ND		ug/kg	95	14.	1
Chloroform	ND		ug/kg	140	13.	1
Carbon tetrachloride	ND		ug/kg	95	22.	1
1,2-Dichloropropane	ND		ug/kg	95	12.	1
Dibromochloromethane	ND		ug/kg	95	13.	1
1,1,2-Trichloroethane	ND		ug/kg	95	25.	1
Tetrachloroethene	ND		ug/kg	47	18.	1
Chlorobenzene	ND		ug/kg	47	12.	1
Trichlorofluoromethane	ND		ug/kg	380	66.	1
1,2-Dichloroethane	ND		ug/kg	95	24.	1
1,1,1-Trichloroethane	ND		ug/kg	47	16.	1
Bromodichloromethane	ND		ug/kg	47	10.	1
trans-1,3-Dichloropropene	ND		ug/kg	95	26.	1
cis-1,3-Dichloropropene	ND		ug/kg	47	15.	1
Bromoform	ND		ug/kg	380	23.	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	47	16.	1
Benzene	ND		ug/kg	47	16.	1
Toluene	ND		ug/kg	95	51.	1
Ethylbenzene	26	J	ug/kg	95	13.	1
Chloromethane	ND		ug/kg	380	88.	1
Bromomethane	ND		ug/kg	190	55.	1
Vinyl chloride	ND		ug/kg	95	32.	1
Chloroethane	ND		ug/kg	190	43.	1
1,1-Dichloroethene	ND		ug/kg	95	22.	1
trans-1,2-Dichloroethene	ND		ug/kg	140	13.	1
Trichloroethene	ND		ug/kg	47	13.	1
1,2-Dichlorobenzene	74	J	ug/kg	190	14.	1

Project Name: JMA ADDITIONAL INVESTIGATION**Lab Number:** L2331318**Project Number:** 059294**Report Date:** 07/05/23**SAMPLE RESULTS**

Lab ID: L2331318-19
 Client ID: SOIL-112-15FTN
 Sample Location: 140 CORTLAND AVE, SYRACUSE, NY

Date Collected: 06/07/23 10:50
 Date Received: 06/07/23
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	190	14.	1
1,4-Dichlorobenzene	80	J	ug/kg	190	16.	1
Methyl tert butyl ether	ND		ug/kg	190	19.	1
p/m-Xylene	210		ug/kg	190	53.	1
o-Xylene	ND		ug/kg	95	28.	1
cis-1,2-Dichloroethene	ND		ug/kg	95	16.	1
Styrene	ND		ug/kg	95	18.	1
Dichlorodifluoromethane	ND		ug/kg	950	87.	1
Acetone	ND		ug/kg	950	460	1
Carbon disulfide	ND		ug/kg	950	430	1
2-Butanone	ND		ug/kg	950	210	1
4-Methyl-2-pentanone	ND		ug/kg	950	120	1
2-Hexanone	ND		ug/kg	950	110	1
Bromochloromethane	ND		ug/kg	190	19.	1
1,2-Dibromoethane	ND		ug/kg	95	26.	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	280	94.	1
Isopropylbenzene	7600		ug/kg	95	10.	1
1,2,3-Trichlorobenzene	ND		ug/kg	190	30.	1
1,2,4-Trichlorobenzene	ND		ug/kg	190	26.	1
Methyl Acetate	160	J	ug/kg	380	90.	1
Cyclohexane	230	J	ug/kg	950	52.	1
1,4-Dioxane	ND		ug/kg	7600	3300	1
Freon-113	ND		ug/kg	380	66.	1
Methyl cyclohexane	2300		ug/kg	380	57.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	98		70-130
Toluene-d8	102		70-130
4-Bromofluorobenzene	211	Q	70-130
Dibromofluoromethane	89		70-130

Project Name: JMA ADDITIONAL INVESTIGATION**Lab Number:** L2331318**Project Number:** 059294**Report Date:** 07/05/23**SAMPLE RESULTS**

Lab ID: L2331318-20
 Client ID: SOIL-112-30FTW
 Sample Location: 140 CORTLAND AVE, SYRACUSE, NY

Date Collected: 06/07/23 11:25
 Date Received: 06/07/23
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260D
 Analytical Date: 06/20/23 15:28
 Analyst: JIC
 Percent Solids: 83%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
Methylene chloride	ND		ug/kg	290	130	1
1,1-Dichloroethane	ND		ug/kg	58	8.4	1
Chloroform	ND		ug/kg	87	8.2	1
Carbon tetrachloride	ND		ug/kg	58	13.	1
1,2-Dichloropropane	ND		ug/kg	58	7.3	1
Dibromochloromethane	ND		ug/kg	58	8.2	1
1,1,2-Trichloroethane	ND		ug/kg	58	16.	1
Tetrachloroethene	ND		ug/kg	29	11.	1
Chlorobenzene	ND		ug/kg	29	7.4	1
Trichlorofluoromethane	ND		ug/kg	230	40.	1
1,2-Dichloroethane	ND		ug/kg	58	15.	1
1,1,1-Trichloroethane	ND		ug/kg	29	9.7	1
Bromodichloromethane	ND		ug/kg	29	6.3	1
trans-1,3-Dichloropropene	ND		ug/kg	58	16.	1
cis-1,3-Dichloropropene	ND		ug/kg	29	9.2	1
Bromoform	ND		ug/kg	230	14.	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	29	9.7	1
Benzene	ND		ug/kg	29	9.7	1
Toluene	ND		ug/kg	58	32.	1
Ethylbenzene	ND		ug/kg	58	8.2	1
Chloromethane	ND		ug/kg	230	54.	1
Bromomethane	ND		ug/kg	120	34.	1
Vinyl chloride	ND		ug/kg	58	20.	1
Chloroethane	ND		ug/kg	120	26.	1
1,1-Dichloroethene	ND		ug/kg	58	14.	1
trans-1,2-Dichloroethene	ND		ug/kg	87	8.0	1
Trichloroethene	ND		ug/kg	29	8.0	1
1,2-Dichlorobenzene	ND		ug/kg	120	8.4	1

Project Name: JMA ADDITIONAL INVESTIGATION**Lab Number:** L2331318**Project Number:** 059294**Report Date:** 07/05/23**SAMPLE RESULTS**

Lab ID: L2331318-20
 Client ID: SOIL-112-30FTW
 Sample Location: 140 CORTLAND AVE, SYRACUSE, NY

Date Collected: 06/07/23 11:25
 Date Received: 06/07/23
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	120	8.6	1
1,4-Dichlorobenzene	ND		ug/kg	120	10.	1
Methyl tert butyl ether	ND		ug/kg	120	12.	1
p/m-Xylene	ND		ug/kg	120	33.	1
o-Xylene	ND		ug/kg	58	17.	1
cis-1,2-Dichloroethene	ND		ug/kg	58	10.	1
Styrene	ND		ug/kg	58	11.	1
Dichlorodifluoromethane	ND		ug/kg	580	53.	1
Acetone	ND		ug/kg	580	280	1
Carbon disulfide	ND		ug/kg	580	260	1
2-Butanone	ND		ug/kg	580	130	1
4-Methyl-2-pentanone	ND		ug/kg	580	74.	1
2-Hexanone	ND		ug/kg	580	69.	1
Bromochloromethane	ND		ug/kg	120	12.	1
1,2-Dibromoethane	ND		ug/kg	58	16.	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	170	58.	1
Isopropylbenzene	8.7	J	ug/kg	58	6.3	1
1,2,3-Trichlorobenzene	ND		ug/kg	120	19.	1
1,2,4-Trichlorobenzene	ND		ug/kg	120	16.	1
Methyl Acetate	ND		ug/kg	230	55.	1
Cyclohexane	ND		ug/kg	580	32.	1
1,4-Dioxane	ND		ug/kg	4600	2000	1
Freon-113	ND		ug/kg	230	40.	1
Methyl cyclohexane	ND		ug/kg	230	35.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	97		70-130
Toluene-d8	102		70-130
4-Bromofluorobenzene	155	Q	70-130
Dibromofluoromethane	88		70-130

Project Name: JMA ADDITIONAL INVESTIGATION**Lab Number:** L2331318**Project Number:** 059294**Report Date:** 07/05/23**SAMPLE RESULTS**

Lab ID: L2331318-26
 Client ID: TMW-108
 Sample Location: 140 CORTLAND AVE, SYRACUSE, NY

Date Collected: 06/08/23 10:35
 Date Received: 06/08/23
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 1,8260D
 Analytical Date: 06/17/23 11:26
 Analyst: PID

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	0.20	J	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	8.1		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: JMA ADDITIONAL INVESTIGATION**Lab Number:** L2331318**Project Number:** 059294**Report Date:** 07/05/23**SAMPLE RESULTS****Lab ID:** L2331318-26**Date Collected:** 06/08/23 10:35**Client ID:** TMW-108**Date Received:** 06/08/23**Sample Location:** 140 CORTLAND AVE, 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	0.70	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	6.1		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	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	101		70-130
Toluene-d8	95		70-130
4-Bromofluorobenzene	95		70-130
Dibromofluoromethane	99		70-130

Project Name: JMA ADDITIONAL INVESTIGATION**Lab Number:** L2331318**Project Number:** 059294**Report Date:** 07/05/23**SAMPLE RESULTS**

Lab ID: L2331318-27
 Client ID: TMW-105
 Sample Location: 140 CORTLAND AVE, SYRACUSE, NY

Date Collected: 06/08/23 09:25
 Date Received: 06/08/23
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 1,8260D
 Analytical Date: 06/17/23 11:48
 Analyst: PID

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	1.6		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	590	E	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: JMA ADDITIONAL INVESTIGATION**Lab Number:** L2331318**Project Number:** 059294**Report Date:** 07/05/23**SAMPLE RESULTS****Lab ID:** L2331318-27**Date Collected:** 06/08/23 09:25**Client ID:** TMW-105**Date Received:** 06/08/23**Sample Location:** 140 CORTLAND AVE, 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	0.70	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	97		70-130
Toluene-d8	95		70-130
4-Bromofluorobenzene	94		70-130
Dibromofluoromethane	103		70-130

Project Name: JMA ADDITIONAL INVESTIGATION**Lab Number:** L2331318**Project Number:** 059294**Report Date:** 07/05/23**SAMPLE RESULTS**

Lab ID: L2331318-27 D
 Client ID: TMW-105
 Sample Location: 140 CORTLAND AVE, SYRACUSE, NY

Date Collected: 06/08/23 09:25
 Date Received: 06/08/23
 Field Prep: Not Specified

Sample Depth:

Matrix: Water

Analytical Method: 1,8260D

Analytical Date: 06/19/23 13:02

Analyst: MKS

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Volatile Organics by GC/MS - Westborough Lab

Vinyl chloride	530		ug/l	10	0.71	10

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	108		70-130
Toluene-d8	99		70-130
4-Bromofluorobenzene	103		70-130
Dibromofluoromethane	105		70-130

Project Name: JMA ADDITIONAL INVESTIGATION**Lab Number:** L2331318**Project Number:** 059294**Report Date:** 07/05/23**SAMPLE RESULTS**

Lab ID: L2331318-28
 Client ID: TMW-112
 Sample Location: 140 CORTLAND AVE, SYRACUSE, NY

Date Collected: 06/08/23 13:30
 Date Received: 06/08/23
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 1,8260D
 Analytical Date: 06/17/23 12:09
 Analyst: PID

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	0.34	J	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: JMA ADDITIONAL INVESTIGATION**Lab Number:** L2331318**Project Number:** 059294**Report Date:** 07/05/23**SAMPLE RESULTS****Lab ID:** L2331318-28**Date Collected:** 06/08/23 13:30**Client ID:** TMW-112**Date Received:** 06/08/23**Sample Location:** 140 CORTLAND AVE, 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	0.70	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	1.7	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	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	98		70-130
Toluene-d8	96		70-130
4-Bromofluorobenzene	101		70-130
Dibromofluoromethane	100		70-130

Project Name: JMA ADDITIONAL INVESTIGATION**Lab Number:** L2331318**Project Number:** 059294**Report Date:** 07/05/23**SAMPLE RESULTS**

Lab ID: L2331318-29 D
 Client ID: TMW-101
 Sample Location: 140 CORTLAND AVE, SYRACUSE, NY

Date Collected: 06/08/23 08:30
 Date Received: 06/08/23
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 1,8260D
 Analytical Date: 06/17/23 12:31
 Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	62	18.	25
1,1-Dichloroethane	ND		ug/l	62	18.	25
Chloroform	ND		ug/l	62	18.	25
Carbon tetrachloride	ND		ug/l	12	3.4	25
1,2-Dichloropropane	ND		ug/l	25	3.4	25
Dibromochloromethane	ND		ug/l	12	3.7	25
1,1,2-Trichloroethane	ND		ug/l	38	12.	25
Tetrachloroethene	ND		ug/l	12	4.5	25
Chlorobenzene	ND		ug/l	62	18.	25
Trichlorofluoromethane	ND		ug/l	62	18.	25
1,2-Dichloroethane	ND		ug/l	12	3.3	25
1,1,1-Trichloroethane	ND		ug/l	62	18.	25
Bromodichloromethane	ND		ug/l	12	4.8	25
trans-1,3-Dichloropropene	ND		ug/l	12	4.1	25
cis-1,3-Dichloropropene	ND		ug/l	12	3.6	25
Bromoform	ND		ug/l	50	16.	25
1,1,2,2-Tetrachloroethane	ND		ug/l	12	4.2	25
Benzene	28		ug/l	12	4.0	25
Toluene	ND		ug/l	62	18.	25
Ethylbenzene	ND		ug/l	62	18.	25
Chloromethane	ND		ug/l	62	18.	25
Bromomethane	ND		ug/l	62	18.	25
Vinyl chloride	20	J	ug/l	25	1.8	25
Chloroethane	ND		ug/l	62	18.	25
1,1-Dichloroethene	4.8	J	ug/l	12	4.2	25
trans-1,2-Dichloroethene	ND		ug/l	62	18.	25
Trichloroethene	4.4	J	ug/l	12	4.4	25
1,2-Dichlorobenzene	ND		ug/l	62	18.	25

Project Name: JMA ADDITIONAL INVESTIGATION**Lab Number:** L2331318**Project Number:** 059294**Report Date:** 07/05/23**SAMPLE RESULTS**

Lab ID: L2331318-29 D
 Client ID: TMW-101
 Sample Location: 140 CORTLAND AVE, SYRACUSE, NY

Date Collected: 06/08/23 08:30
 Date Received: 06/08/23
 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	62	18.	25
1,4-Dichlorobenzene	ND		ug/l	62	18.	25
Methyl tert butyl ether	ND		ug/l	62	18.	25
p/m-Xylene	ND		ug/l	62	18.	25
o-Xylene	ND		ug/l	62	18.	25
cis-1,2-Dichloroethene	3500		ug/l	62	18.	25
Styrene	ND		ug/l	62	18.	25
Dichlorodifluoromethane	ND		ug/l	120	25.	25
Acetone	ND		ug/l	120	36.	25
Carbon disulfide	ND		ug/l	120	25.	25
2-Butanone	ND		ug/l	120	48.	25
4-Methyl-2-pentanone	ND		ug/l	120	25.	25
2-Hexanone	ND		ug/l	120	25.	25
Bromochloromethane	ND		ug/l	62	18.	25
1,2-Dibromoethane	ND		ug/l	50	16.	25
1,2-Dibromo-3-chloropropane	ND		ug/l	62	18.	25
Isopropylbenzene	ND		ug/l	62	18.	25
1,2,3-Trichlorobenzene	ND		ug/l	62	18.	25
1,2,4-Trichlorobenzene	ND		ug/l	62	18.	25
Methyl Acetate	ND		ug/l	50	5.8	25
Cyclohexane	ND		ug/l	250	6.8	25
1,4-Dioxane	ND		ug/l	6200	1500	25
Freon-113	ND		ug/l	62	18.	25
Methyl cyclohexane	ND		ug/l	250	9.9	25

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	95		70-130
Toluene-d8	97		70-130
4-Bromofluorobenzene	93		70-130
Dibromofluoromethane	101		70-130

Project Name: JMA ADDITIONAL INVESTIGATION**Lab Number:** L2331318**Project Number:** 059294**Report Date:** 07/05/23**SAMPLE RESULTS**

Lab ID: L2331318-30
 Client ID: TMW-111
 Sample Location: 140 CORTLAND AVE, SYRACUSE, NY

Date Collected: 06/08/23 15:00
 Date Received: 06/08/23
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 1,8260D
 Analytical Date: 06/17/23 12:53
 Analyst: PID

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	0.54		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	6.4		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	0.48	J	ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1

Project Name: JMA ADDITIONAL INVESTIGATION**Lab Number:** L2331318**Project Number:** 059294**Report Date:** 07/05/23**SAMPLE RESULTS****Lab ID:** L2331318-30**Date Collected:** 06/08/23 15:00**Client ID:** TMW-111**Date Received:** 06/08/23**Sample Location:** 140 CORTLAND AVE, 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	0.70	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	16		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	0.28	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	ND		ug/l	10	0.40	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	96		70-130
Toluene-d8	95		70-130
4-Bromofluorobenzene	93		70-130
Dibromofluoromethane	103		70-130

Project Name: JMA ADDITIONAL INVESTIGATION**Lab Number:** L2331318**Project Number:** 059294**Report Date:** 07/05/23**SAMPLE RESULTS**

Lab ID: L2331318-31
 Client ID: TMW-117
 Sample Location: 140 CORTLAND AVE, SYRACUSE, NY

Date Collected: 06/08/23 12:40
 Date Received: 06/08/23
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 1,8260D
 Analytical Date: 06/17/23 13:14
 Analyst: PID

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: JMA ADDITIONAL INVESTIGATION**Lab Number:** L2331318**Project Number:** 059294**Report Date:** 07/05/23**SAMPLE RESULTS****Lab ID:** L2331318-31**Date Collected:** 06/08/23 12:40**Client ID:** TMW-117**Date Received:** 06/08/23**Sample Location:** 140 CORTLAND AVE, 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	0.70	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	2.1	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	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	101		70-130
Toluene-d8	95		70-130
4-Bromofluorobenzene	95		70-130
Dibromofluoromethane	98		70-130

Project Name: JMA ADDITIONAL INVESTIGATION**Lab Number:** L2331318**Project Number:** 059294**Report Date:** 07/05/23**SAMPLE RESULTS**

Lab ID: L2331318-32
 Client ID: TMW-114
 Sample Location: 140 CORTLAND AVE, SYRACUSE, NY

Date Collected: 06/08/23 14:00
 Date Received: 06/08/23
 Field Prep: Not Specified

Sample Depth:

Matrix: Water

Analytical Method: 1,8260D

Analytical Date: 06/17/23 13:36

Analyst: PID

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	0.10	J	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: JMA ADDITIONAL INVESTIGATION**Lab Number:** L2331318**Project Number:** 059294**Report Date:** 07/05/23**SAMPLE RESULTS****Lab ID:** L2331318-32**Date Collected:** 06/08/23 14:00**Client ID:** TMW-114**Date Received:** 06/08/23**Sample Location:** 140 CORTLAND AVE, 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	0.70	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	1.1	J	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	101		70-130
Toluene-d8	96		70-130
4-Bromofluorobenzene	96		70-130
Dibromofluoromethane	96		70-130

Project Name: JMA ADDITIONAL INVESTIGATION
Project Number: 059294

Lab Number: L2331318
Report Date: 07/05/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
 Analytical Date: 06/15/23 20:37
 Analyst: JIC

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-05 Batch: WG1792367-5					
Methylene chloride	ND		ug/kg	5.0	2.3
1,1-Dichloroethane	ND		ug/kg	1.0	0.14
Chloroform	ND		ug/kg	1.5	0.14
Carbon tetrachloride	ND		ug/kg	1.0	0.23
1,2-Dichloropropane	ND		ug/kg	1.0	0.12
Dibromochloromethane	ND		ug/kg	1.0	0.14
1,1,2-Trichloroethane	ND		ug/kg	1.0	0.27
Tetrachloroethene	ND		ug/kg	0.50	0.20
Chlorobenzene	ND		ug/kg	0.50	0.13
Trichlorofluoromethane	ND		ug/kg	4.0	0.70
1,2-Dichloroethane	ND		ug/kg	1.0	0.26
1,1,1-Trichloroethane	ND		ug/kg	0.50	0.17
Bromodichloromethane	ND		ug/kg	0.50	0.11
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.27
cis-1,3-Dichloropropene	ND		ug/kg	0.50	0.16
Bromoform	ND		ug/kg	4.0	0.25
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.50	0.17
Benzene	ND		ug/kg	0.50	0.17
Toluene	0.60	J	ug/kg	1.0	0.54
Ethylbenzene	ND		ug/kg	1.0	0.14
Chloromethane	ND		ug/kg	4.0	0.93
Bromomethane	ND		ug/kg	2.0	0.58
Vinyl chloride	ND		ug/kg	1.0	0.34
Chloroethane	ND		ug/kg	2.0	0.45
1,1-Dichloroethene	ND		ug/kg	1.0	0.24
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.14
Trichloroethene	ND		ug/kg	0.50	0.14
1,2-Dichlorobenzene	0.25	J	ug/kg	2.0	0.14
1,3-Dichlorobenzene	0.22	J	ug/kg	2.0	0.15

Project Name: JMA ADDITIONAL INVESTIGATION
Project Number: 059294

Lab Number: L2331318
Report Date: 07/05/23

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260D
 Analytical Date: 06/15/23 20:37
 Analyst: JIC

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-05 Batch: WG1792367-5					
1,4-Dichlorobenzene	0.28	J	ug/kg	2.0	0.17
Methyl tert butyl ether	ND		ug/kg	2.0	0.20
p/m-Xylene	ND		ug/kg	2.0	0.56
o-Xylene	ND		ug/kg	1.0	0.29
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.18
Styrene	ND		ug/kg	1.0	0.20
Dichlorodifluoromethane	ND		ug/kg	10	0.92
Acetone	ND		ug/kg	10	4.8
Carbon disulfide	ND		ug/kg	10	4.6
2-Butanone	ND		ug/kg	10	2.2
4-Methyl-2-pentanone	ND		ug/kg	10	1.3
2-Hexanone	ND		ug/kg	10	1.2
Bromochloromethane	ND		ug/kg	2.0	0.20
1,2-Dibromoethane	ND		ug/kg	1.0	0.28
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.0	1.0
Isopropylbenzene	ND		ug/kg	1.0	0.11
1,2,3-Trichlorobenzene	1.1	J	ug/kg	2.0	0.32
1,2,4-Trichlorobenzene	0.81	J	ug/kg	2.0	0.27
Methyl Acetate	ND		ug/kg	4.0	0.95
Cyclohexane	ND		ug/kg	10	0.54
1,4-Dioxane	ND		ug/kg	80	35.
Freon-113	ND		ug/kg	4.0	0.69
Methyl cyclohexane	ND		ug/kg	4.0	0.60

Project Name: JMA ADDITIONAL INVESTIGATION
Project Number: 059294

Lab Number: L2331318
Report Date: 07/05/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 06/15/23 20:37
Analyst: JIC

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-05 Batch: WG1792367-5					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	99		70-130
Toluene-d8	97		70-130
4-Bromofluorobenzene	116		70-130
Dibromofluoromethane	107		70-130

Project Name: JMA ADDITIONAL INVESTIGATION
Project Number: 059294

Lab Number: L2331318
Report Date: 07/05/23

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260D
 Analytical Date: 06/17/23 06:20
 Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 26-32 Batch: WG1793066-5					
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
1,1,1,2-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: JMA ADDITIONAL INVESTIGATION
Project Number: 059294

Lab Number: L2331318
Report Date: 07/05/23

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260D
 Analytical Date: 06/17/23 06:20
 Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 26-32 Batch: WG1793066-5					
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70
Methyl tert butyl ether	ND		ug/l	2.5	0.70
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: JMA ADDITIONAL INVESTIGATION
Project Number: 059294

Lab Number: L2331318
Report Date: 07/05/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 06/17/23 06:20
Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 26-32 Batch: WG1793066-5					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	103		70-130
Toluene-d8	94		70-130
4-Bromofluorobenzene	94		70-130
Dibromofluoromethane	107		70-130

Project Name: JMA ADDITIONAL INVESTIGATION
Project Number: 059294

Lab Number: L2331318
Report Date: 07/05/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
 Analytical Date: 06/18/23 18:33
 Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 06-12 Batch: WG1793112-5					
Methylene chloride	ND		ug/kg	5.0	2.3
1,1-Dichloroethane	ND		ug/kg	1.0	0.14
Chloroform	ND		ug/kg	1.5	0.14
Carbon tetrachloride	ND		ug/kg	1.0	0.23
1,2-Dichloropropane	ND		ug/kg	1.0	0.12
Dibromochloromethane	ND		ug/kg	1.0	0.14
1,1,2-Trichloroethane	ND		ug/kg	1.0	0.27
Tetrachloroethene	ND		ug/kg	0.50	0.20
Chlorobenzene	ND		ug/kg	0.50	0.13
Trichlorofluoromethane	ND		ug/kg	4.0	0.70
1,2-Dichloroethane	ND		ug/kg	1.0	0.26
1,1,1-Trichloroethane	ND		ug/kg	0.50	0.17
Bromodichloromethane	ND		ug/kg	0.50	0.11
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.27
cis-1,3-Dichloropropene	ND		ug/kg	0.50	0.16
Bromoform	ND		ug/kg	4.0	0.25
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.50	0.17
Benzene	ND		ug/kg	0.50	0.17
Toluene	ND		ug/kg	1.0	0.54
Ethylbenzene	ND		ug/kg	1.0	0.14
Chloromethane	ND		ug/kg	4.0	0.93
Bromomethane	ND		ug/kg	2.0	0.58
Vinyl chloride	ND		ug/kg	1.0	0.34
Chloroethane	ND		ug/kg	2.0	0.45
1,1-Dichloroethene	ND		ug/kg	1.0	0.24
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.14
Trichloroethene	ND		ug/kg	0.50	0.14
1,2-Dichlorobenzene	ND		ug/kg	2.0	0.14
1,3-Dichlorobenzene	ND		ug/kg	2.0	0.15

Project Name: JMA ADDITIONAL INVESTIGATION
Project Number: 059294

Lab Number: L2331318
Report Date: 07/05/23

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260D
 Analytical Date: 06/18/23 18:33
 Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 06-12 Batch: WG1793112-5					
1,4-Dichlorobenzene	ND		ug/kg	2.0	0.17
Methyl tert butyl ether	ND		ug/kg	2.0	0.20
p/m-Xylene	ND		ug/kg	2.0	0.56
o-Xylene	ND		ug/kg	1.0	0.29
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.18
Styrene	ND		ug/kg	1.0	0.20
Dichlorodifluoromethane	ND		ug/kg	10	0.92
Acetone	ND		ug/kg	10	4.8
Carbon disulfide	ND		ug/kg	10	4.6
2-Butanone	ND		ug/kg	10	2.2
4-Methyl-2-pentanone	ND		ug/kg	10	1.3
2-Hexanone	ND		ug/kg	10	1.2
Bromochloromethane	ND		ug/kg	2.0	0.20
1,2-Dibromoethane	ND		ug/kg	1.0	0.28
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.0	1.0
Isopropylbenzene	ND		ug/kg	1.0	0.11
1,2,3-Trichlorobenzene	ND		ug/kg	2.0	0.32
1,2,4-Trichlorobenzene	ND		ug/kg	2.0	0.27
Methyl Acetate	ND		ug/kg	4.0	0.95
Cyclohexane	ND		ug/kg	10	0.54
1,4-Dioxane	ND		ug/kg	80	35.
Freon-113	ND		ug/kg	4.0	0.69
Methyl cyclohexane	ND		ug/kg	4.0	0.60

Project Name: JMA ADDITIONAL INVESTIGATION
Project Number: 059294

Lab Number: L2331318
Report Date: 07/05/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 06/18/23 18:33
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 06-12 Batch: WG1793112-5					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	108		70-130
Toluene-d8	96		70-130
4-Bromofluorobenzene	94		70-130
Dibromofluoromethane	101		70-130

Project Name: JMA ADDITIONAL INVESTIGATION
Project Number: 059294

Lab Number: L2331318
Report Date: 07/05/23

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260D
 Analytical Date: 06/19/23 11:07
 Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 High - Westborough Lab for sample(s): 11 Batch: WG1793258-5					
Methylene chloride	ND		ug/kg	250	110
1,1-Dichloroethane	ND		ug/kg	50	7.2
Chloroform	ND		ug/kg	75	7.0
Carbon tetrachloride	ND		ug/kg	50	12.
1,2-Dichloropropane	ND		ug/kg	50	6.2
Dibromochloromethane	ND		ug/kg	50	7.0
1,1,2-Trichloroethane	ND		ug/kg	50	13.
Tetrachloroethene	ND		ug/kg	25	9.8
Chlorobenzene	ND		ug/kg	25	6.4
Trichlorofluoromethane	ND		ug/kg	200	35.
1,2-Dichloroethane	ND		ug/kg	50	13.
1,1,1-Trichloroethane	ND		ug/kg	25	8.4
Bromodichloromethane	ND		ug/kg	25	5.4
trans-1,3-Dichloropropene	ND		ug/kg	50	14.
cis-1,3-Dichloropropene	ND		ug/kg	25	7.9
Bromoform	ND		ug/kg	200	12.
1,1,2,2-Tetrachloroethane	ND		ug/kg	25	8.3
Benzene	ND		ug/kg	25	8.3
Toluene	ND		ug/kg	50	27.
Ethylbenzene	ND		ug/kg	50	7.0
Chloromethane	ND		ug/kg	200	47.
Bromomethane	ND		ug/kg	100	29.
Vinyl chloride	ND		ug/kg	50	17.
Chloroethane	ND		ug/kg	100	23.
1,1-Dichloroethene	ND		ug/kg	50	12.
trans-1,2-Dichloroethene	ND		ug/kg	75	6.8
Trichloroethene	ND		ug/kg	25	6.8
1,2-Dichlorobenzene	ND		ug/kg	100	7.2
1,3-Dichlorobenzene	ND		ug/kg	100	7.4

Project Name: JMA ADDITIONAL INVESTIGATION
Project Number: 059294

Lab Number: L2331318
Report Date: 07/05/23

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260D
 Analytical Date: 06/19/23 11:07
 Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 High - Westborough Lab for sample(s): 11 Batch: WG1793258-5					
1,4-Dichlorobenzene	ND		ug/kg	100	8.6
Methyl tert butyl ether	ND		ug/kg	100	10.
p/m-Xylene	ND		ug/kg	100	28.
o-Xylene	ND		ug/kg	50	14.
cis-1,2-Dichloroethene	ND		ug/kg	50	8.8
Styrene	ND		ug/kg	50	9.8
Dichlorodifluoromethane	ND		ug/kg	500	46.
Acetone	ND		ug/kg	500	240
Carbon disulfide	ND		ug/kg	500	230
2-Butanone	ND		ug/kg	500	110
4-Methyl-2-pentanone	ND		ug/kg	500	64.
2-Hexanone	ND		ug/kg	500	59.
Bromochloromethane	ND		ug/kg	100	10.
1,2-Dibromoethane	ND		ug/kg	50	14.
1,2-Dibromo-3-chloropropane	ND		ug/kg	150	50.
Isopropylbenzene	ND		ug/kg	50	5.4
1,2,3-Trichlorobenzene	ND		ug/kg	100	16.
1,2,4-Trichlorobenzene	ND		ug/kg	100	14.
Methyl Acetate	ND		ug/kg	200	48.
Cyclohexane	ND		ug/kg	500	27.
1,4-Dioxane	ND		ug/kg	4000	1800
Freon-113	ND		ug/kg	200	35.
Methyl cyclohexane	ND		ug/kg	200	30.

Project Name: JMA ADDITIONAL INVESTIGATION
Project Number: 059294

Lab Number: L2331318
Report Date: 07/05/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 06/19/23 11:07
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 High - Westborough Lab for sample(s): 11 Batch: WG1793258-5					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	108		70-130
Toluene-d8	96		70-130
4-Bromofluorobenzene	93		70-130
Dibromofluoromethane	101		70-130

Project Name: JMA ADDITIONAL INVESTIGATION
Project Number: 059294

Lab Number: L2331318
Report Date: 07/05/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
 Analytical Date: 06/20/23 09:40
 Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 14-16,18 Batch: WG1794192-5					
Methylene chloride	ND		ug/kg	5.0	2.3
1,1-Dichloroethane	ND		ug/kg	1.0	0.14
Chloroform	ND		ug/kg	1.5	0.14
Carbon tetrachloride	ND		ug/kg	1.0	0.23
1,2-Dichloropropane	ND		ug/kg	1.0	0.12
Dibromochloromethane	ND		ug/kg	1.0	0.14
1,1,2-Trichloroethane	ND		ug/kg	1.0	0.27
Tetrachloroethene	ND		ug/kg	0.50	0.20
Chlorobenzene	ND		ug/kg	0.50	0.13
Trichlorofluoromethane	ND		ug/kg	4.0	0.70
1,2-Dichloroethane	ND		ug/kg	1.0	0.26
1,1,1-Trichloroethane	ND		ug/kg	0.50	0.17
Bromodichloromethane	ND		ug/kg	0.50	0.11
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.27
cis-1,3-Dichloropropene	ND		ug/kg	0.50	0.16
Bromoform	ND		ug/kg	4.0	0.25
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.50	0.17
Benzene	ND		ug/kg	0.50	0.17
Toluene	ND		ug/kg	1.0	0.54
Ethylbenzene	ND		ug/kg	1.0	0.14
Chloromethane	ND		ug/kg	4.0	0.93
Bromomethane	ND		ug/kg	2.0	0.58
Vinyl chloride	ND		ug/kg	1.0	0.34
Chloroethane	ND		ug/kg	2.0	0.45
1,1-Dichloroethene	ND		ug/kg	1.0	0.24
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.14
Trichloroethene	ND		ug/kg	0.50	0.14
1,2-Dichlorobenzene	ND		ug/kg	2.0	0.14
1,3-Dichlorobenzene	ND		ug/kg	2.0	0.15

Project Name: JMA ADDITIONAL INVESTIGATION
Project Number: 059294

Lab Number: L2331318
Report Date: 07/05/23

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 06/20/23 09:40
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 14-16,18 Batch: WG1794192-5					
1,4-Dichlorobenzene	ND		ug/kg	2.0	0.17
Methyl tert butyl ether	ND		ug/kg	2.0	0.20
p/m-Xylene	ND		ug/kg	2.0	0.56
o-Xylene	ND		ug/kg	1.0	0.29
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.18
Styrene	ND		ug/kg	1.0	0.20
Dichlorodifluoromethane	ND		ug/kg	10	0.92
Acetone	ND		ug/kg	10	4.8
Carbon disulfide	ND		ug/kg	10	4.6
2-Butanone	ND		ug/kg	10	2.2
4-Methyl-2-pentanone	ND		ug/kg	10	1.3
2-Hexanone	ND		ug/kg	10	1.2
Bromochloromethane	ND		ug/kg	2.0	0.20
1,2-Dibromoethane	ND		ug/kg	1.0	0.28
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.0	1.0
Isopropylbenzene	ND		ug/kg	1.0	0.11
1,2,3-Trichlorobenzene	ND		ug/kg	2.0	0.32
1,2,4-Trichlorobenzene	ND		ug/kg	2.0	0.27
Methyl Acetate	ND		ug/kg	4.0	0.95
Cyclohexane	ND		ug/kg	10	0.54
1,4-Dioxane	ND		ug/kg	80	35.
Freon-113	ND		ug/kg	4.0	0.69
Methyl cyclohexane	ND		ug/kg	4.0	0.60

Project Name: JMA ADDITIONAL INVESTIGATION
Project Number: 059294

Lab Number: L2331318
Report Date: 07/05/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 06/20/23 09:40
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 14-16,18 Batch: WG1794192-5					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	98		70-130
Toluene-d8	103		70-130
4-Bromofluorobenzene	107		70-130
Dibromofluoromethane	91		70-130

Project Name: JMA ADDITIONAL INVESTIGATION
Project Number: 059294

Lab Number: L2331318
Report Date: 07/05/23

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260D
 Analytical Date: 06/20/23 09:40
 Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 High - Westborough Lab for sample(s): 13,17,19-20 Batch: WG1794193-5					
Methylene chloride	ND		ug/kg	250	110
1,1-Dichloroethane	ND		ug/kg	50	7.2
Chloroform	ND		ug/kg	75	7.0
Carbon tetrachloride	ND		ug/kg	50	12.
1,2-Dichloropropane	ND		ug/kg	50	6.2
Dibromochloromethane	ND		ug/kg	50	7.0
1,1,2-Trichloroethane	ND		ug/kg	50	13.
Tetrachloroethene	ND		ug/kg	25	9.8
Chlorobenzene	ND		ug/kg	25	6.4
Trichlorofluoromethane	ND		ug/kg	200	35.
1,2-Dichloroethane	ND		ug/kg	50	13.
1,1,1-Trichloroethane	ND		ug/kg	25	8.4
Bromodichloromethane	ND		ug/kg	25	5.4
trans-1,3-Dichloropropene	ND		ug/kg	50	14.
cis-1,3-Dichloropropene	ND		ug/kg	25	7.9
Bromoform	ND		ug/kg	200	12.
1,1,2,2-Tetrachloroethane	ND		ug/kg	25	8.3
Benzene	ND		ug/kg	25	8.3
Toluene	ND		ug/kg	50	27.
Ethylbenzene	ND		ug/kg	50	7.0
Chloromethane	ND		ug/kg	200	47.
Bromomethane	ND		ug/kg	100	29.
Vinyl chloride	ND		ug/kg	50	17.
Chloroethane	ND		ug/kg	100	23.
1,1-Dichloroethene	ND		ug/kg	50	12.
trans-1,2-Dichloroethene	ND		ug/kg	75	6.8
Trichloroethene	ND		ug/kg	25	6.8
1,2-Dichlorobenzene	ND		ug/kg	100	7.2
1,3-Dichlorobenzene	ND		ug/kg	100	7.4

Project Name: JMA ADDITIONAL INVESTIGATION
Project Number: 059294

Lab Number: L2331318
Report Date: 07/05/23

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260D
 Analytical Date: 06/20/23 09:40
 Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 High - Westborough Lab for sample(s):				13,17,19-20	Batch: WG1794193-5
1,4-Dichlorobenzene	ND		ug/kg	100	8.6
Methyl tert butyl ether	ND		ug/kg	100	10.
p/m-Xylene	ND		ug/kg	100	28.
o-Xylene	ND		ug/kg	50	14.
cis-1,2-Dichloroethene	ND		ug/kg	50	8.8
Styrene	ND		ug/kg	50	9.8
Dichlorodifluoromethane	ND		ug/kg	500	46.
Acetone	ND		ug/kg	500	240
Carbon disulfide	ND		ug/kg	500	230
2-Butanone	ND		ug/kg	500	110
4-Methyl-2-pentanone	ND		ug/kg	500	64.
2-Hexanone	ND		ug/kg	500	59.
Bromochloromethane	ND		ug/kg	100	10.
1,2-Dibromoethane	ND		ug/kg	50	14.
1,2-Dibromo-3-chloropropane	ND		ug/kg	150	50.
Isopropylbenzene	ND		ug/kg	50	5.4
1,2,3-Trichlorobenzene	ND		ug/kg	100	16.
1,2,4-Trichlorobenzene	ND		ug/kg	100	14.
Methyl Acetate	ND		ug/kg	200	48.
Cyclohexane	ND		ug/kg	500	27.
1,4-Dioxane	ND		ug/kg	4000	1800
Freon-113	ND		ug/kg	200	35.
Methyl cyclohexane	ND		ug/kg	200	30.

Project Name: JMA ADDITIONAL INVESTIGATION
Project Number: 059294

Lab Number: L2331318
Report Date: 07/05/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 06/20/23 09:40
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 High - Westborough Lab for sample(s): 13,17,19-20 Batch: WG1794193-5					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	99		70-130
Toluene-d8	103		70-130
4-Bromofluorobenzene	106		70-130
Dibromofluoromethane	91		70-130

Project Name: JMA ADDITIONAL INVESTIGATION
Project Number: 059294

Lab Number: L2331318
Report Date: 07/05/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
 Analytical Date: 06/20/23 20:26
 Analyst: LAC

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 17 Batch: WG1794243-5					
Methylene chloride	ND		ug/kg	5.0	2.3
1,1-Dichloroethane	ND		ug/kg	1.0	0.14
Chloroform	ND		ug/kg	1.5	0.14
Carbon tetrachloride	ND		ug/kg	1.0	0.23
1,2-Dichloropropane	ND		ug/kg	1.0	0.12
Dibromochloromethane	ND		ug/kg	1.0	0.14
1,1,2-Trichloroethane	ND		ug/kg	1.0	0.27
Tetrachloroethene	ND		ug/kg	0.50	0.20
Chlorobenzene	ND		ug/kg	0.50	0.13
Trichlorofluoromethane	ND		ug/kg	4.0	0.70
1,2-Dichloroethane	ND		ug/kg	1.0	0.26
1,1,1-Trichloroethane	ND		ug/kg	0.50	0.17
Bromodichloromethane	ND		ug/kg	0.50	0.11
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.27
cis-1,3-Dichloropropene	ND		ug/kg	0.50	0.16
Bromoform	ND		ug/kg	4.0	0.25
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.50	0.17
Benzene	ND		ug/kg	0.50	0.17
Toluene	ND		ug/kg	1.0	0.54
Ethylbenzene	ND		ug/kg	1.0	0.14
Chloromethane	ND		ug/kg	4.0	0.93
Bromomethane	ND		ug/kg	2.0	0.58
Vinyl chloride	ND		ug/kg	1.0	0.34
Chloroethane	ND		ug/kg	2.0	0.45
1,1-Dichloroethene	ND		ug/kg	1.0	0.24
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.14
Trichloroethene	ND		ug/kg	0.50	0.14
1,2-Dichlorobenzene	ND		ug/kg	2.0	0.14
1,3-Dichlorobenzene	ND		ug/kg	2.0	0.15

Project Name: JMA ADDITIONAL INVESTIGATION
Project Number: 059294

Lab Number: L2331318
Report Date: 07/05/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 06/20/23 20:26
Analyst: LAC

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 17 Batch: WG1794243-5					
1,4-Dichlorobenzene	ND		ug/kg	2.0	0.17
Methyl tert butyl ether	ND		ug/kg	2.0	0.20
p/m-Xylene	ND		ug/kg	2.0	0.56
o-Xylene	ND		ug/kg	1.0	0.29
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.18
Styrene	ND		ug/kg	1.0	0.20
Dichlorodifluoromethane	ND		ug/kg	10	0.92
Acetone	ND		ug/kg	10	4.8
Carbon disulfide	ND		ug/kg	10	4.6
2-Butanone	ND		ug/kg	10	2.2
4-Methyl-2-pentanone	ND		ug/kg	10	1.3
2-Hexanone	ND		ug/kg	10	1.2
Bromochloromethane	ND		ug/kg	2.0	0.20
1,2-Dibromoethane	ND		ug/kg	1.0	0.28
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.0	1.0
Isopropylbenzene	ND		ug/kg	1.0	0.11
1,2,3-Trichlorobenzene	ND		ug/kg	2.0	0.32
1,2,4-Trichlorobenzene	ND		ug/kg	2.0	0.27
Methyl Acetate	ND		ug/kg	4.0	0.95
Cyclohexane	ND		ug/kg	10	0.54
1,4-Dioxane	ND		ug/kg	80	35.
Freon-113	ND		ug/kg	4.0	0.69
Methyl cyclohexane	ND		ug/kg	4.0	0.60

Project Name: JMA ADDITIONAL INVESTIGATION
Project Number: 059294

Lab Number: L2331318
Report Date: 07/05/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 06/20/23 20:26
Analyst: LAC

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 17 Batch: WG1794243-5					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	117		70-130
Toluene-d8	91		70-130
4-Bromofluorobenzene	95		70-130
Dibromofluoromethane	117		70-130

Project Name: JMA ADDITIONAL INVESTIGATION
Project Number: 059294

Lab Number: L2331318
Report Date: 07/05/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
 Analytical Date: 06/19/23 10:57
 Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 27 Batch: WG1794311-5					
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
1,1,1,2-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: JMA ADDITIONAL INVESTIGATION
Project Number: 059294

Lab Number: L2331318
Report Date: 07/05/23

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260D
 Analytical Date: 06/19/23 10:57
 Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 27 Batch: WG1794311-5					
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70
Methyl tert butyl ether	ND		ug/l	2.5	0.70
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: JMA ADDITIONAL INVESTIGATION
Project Number: 059294

Lab Number: L2331318
Report Date: 07/05/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 06/19/23 10:57
Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 27 Batch: WG1794311-5					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	110		70-130
Toluene-d8	95		70-130
4-Bromofluorobenzene	98		70-130
Dibromofluoromethane	104		70-130

Lab Control Sample Analysis **Batch Quality Control**

Project Name: JMA ADDITIONAL INVESTIGATION

Lab Number: L2331318

Project Number: 059294

Report Date: 07/05/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-05 Batch: WG1792367-3 WG1792367-4								
Methylene chloride	93		92		70-130	1		30
1,1-Dichloroethane	98		98		70-130	0		30
Chloroform	98		98		70-130	0		30
Carbon tetrachloride	101		101		70-130	0		30
1,2-Dichloropropane	94		93		70-130	1		30
Dibromochloromethane	85		84		70-130	1		30
1,1,2-Trichloroethane	84		82		70-130	2		30
Tetrachloroethene	98		98		70-130	0		30
Chlorobenzene	91		92		70-130	1		30
Trichlorofluoromethane	116		111		70-139	4		30
1,2-Dichloroethane	89		87		70-130	2		30
1,1,1-Trichloroethane	105		105		70-130	0		30
Bromodichloromethane	94		94		70-130	0		30
trans-1,3-Dichloropropene	85		84		70-130	1		30
cis-1,3-Dichloropropene	96		95		70-130	1		30
Bromoform	80		78		70-130	3		30
1,1,2,2-Tetrachloroethane	78		76		70-130	3		30
Benzene	99		99		70-130	0		30
Toluene	91		93		70-130	2		30
Ethylbenzene	94		95		70-130	1		30
Chloromethane	96		95		52-130	1		30
Bromomethane	110		109		57-147	1		30
Vinyl chloride	98		97		67-130	1		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: JMA ADDITIONAL INVESTIGATION

Project Number: 059294

Lab Number: L2331318

Report Date: 07/05/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-05 Batch: WG1792367-3 WG1792367-4								
Chloroethane	103		101		50-151	2		30
1,1-Dichloroethene	108		106		65-135	2		30
trans-1,2-Dichloroethene	104		104		70-130	0		30
Trichloroethene	103		102		70-130	1		30
1,2-Dichlorobenzene	89		89		70-130	0		30
1,3-Dichlorobenzene	92		93		70-130	1		30
1,4-Dichlorobenzene	90		90		70-130	0		30
Methyl tert butyl ether	87		85		66-130	2		30
p/m-Xylene	94		95		70-130	1		30
o-Xylene	92		93		70-130	1		30
cis-1,2-Dichloroethene	102		97		70-130	5		30
Styrene	93		93		70-130	0		30
Dichlorodifluoromethane	100		99		30-146	1		30
Acetone	66		56		54-140	16		30
Carbon disulfide	101		101		59-130	0		30
2-Butanone	60	Q	56	Q	70-130	7		30
4-Methyl-2-pentanone	73		70		70-130	4		30
2-Hexanone	63	Q	59	Q	70-130	7		30
Bromochloromethane	96		96		70-130	0		30
1,2-Dibromoethane	87		86		70-130	1		30
1,2-Dibromo-3-chloropropane	76		74		68-130	3		30
Isopropylbenzene	95		96		70-130	1		30
1,2,3-Trichlorobenzene	99		90		70-130	10		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: JMA ADDITIONAL INVESTIGATION

Project Number: 059294

Lab Number: L2331318

Report Date: 07/05/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-05 Batch: WG1792367-3 WG1792367-4								
1,2,4-Trichlorobenzene	104		94		70-130	10		30
Methyl Acetate	60		59		51-146	2		30
Cyclohexane	98		98		59-142	0		30
1,4-Dioxane	86		82		65-136	5		30
Freon-113	109		108		50-139	1		30
Methyl cyclohexane	101		100		70-130	1		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	89		88		70-130
Toluene-d8	98		97		70-130
4-Bromofluorobenzene	99		99		70-130
Dibromofluoromethane	100		100		70-130

Lab Control Sample Analysis **Batch Quality Control**

Project Name: JMA ADDITIONAL INVESTIGATION

Project Number: 059294

Lab Number: L2331318

Report Date: 07/05/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 26-32 Batch: WG1793066-3 WG1793066-4								
Methylene chloride	110		110		70-130	0		20
1,1-Dichloroethane	110		100		70-130	10		20
Chloroform	100		110		70-130	10		20
Carbon tetrachloride	100		92		63-132	8		20
1,2-Dichloropropane	100		100		70-130	0		20
Dibromochloromethane	88		92		63-130	4		20
1,1,2-Trichloroethane	92		93		70-130	1		20
Tetrachloroethene	99		100		70-130	1		20
Chlorobenzene	99		97		75-130	2		20
Trichlorofluoromethane	110		100		62-150	10		20
1,2-Dichloroethane	93		94		70-130	1		20
1,1,1-Trichloroethane	99		86		67-130	14		20
Bromodichloromethane	100		96		67-130	4		20
trans-1,3-Dichloropropene	91		89		70-130	2		20
cis-1,3-Dichloropropene	94		95		70-130	1		20
Bromoform	84		87		54-136	4		20
1,1,2,2-Tetrachloroethane	89		89		67-130	0		20
Benzene	110		99		70-130	11		20
Toluene	100		99		70-130	1		20
Ethylbenzene	100		100		70-130	0		20
Chloromethane	96		86		64-130	11		20
Bromomethane	81		78		39-139	4		20
Vinyl chloride	110		98		55-140	12		20

Lab Control Sample Analysis **Batch Quality Control**

Project Name: JMA ADDITIONAL INVESTIGATION

Project Number: 059294

Lab Number: L2331318

Report Date: 07/05/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 26-32 Batch: WG1793066-3 WG1793066-4								
Chloroethane	120		110		55-138	9		20
1,1-Dichloroethene	110		98		61-145	12		20
trans-1,2-Dichloroethene	110		100		70-130	10		20
Trichloroethene	90		94		70-130	4		20
1,2-Dichlorobenzene	99		100		70-130	1		20
1,3-Dichlorobenzene	100		100		70-130	0		20
1,4-Dichlorobenzene	100		98		70-130	2		20
Methyl tert butyl ether	85		82		63-130	4		20
p/m-Xylene	105		105		70-130	0		20
o-Xylene	105		100		70-130	5		20
cis-1,2-Dichloroethene	100		100		70-130	0		20
Styrene	105		105		70-130	0		20
Dichlorodifluoromethane	86		81		36-147	6		20
Acetone	96		90		58-148	6		20
Carbon disulfide	110		99		51-130	11		20
2-Butanone	73		69		63-138	6		20
4-Methyl-2-pentanone	75		75		59-130	0		20
2-Hexanone	80		75		57-130	6		20
Bromochloromethane	100		100		70-130	0		20
1,2-Dibromoethane	90		93		70-130	3		20
1,2-Dibromo-3-chloropropane	80		83		41-144	4		20
Isopropylbenzene	100		100		70-130	0		20
1,2,3-Trichlorobenzene	90		90		70-130	0		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: JMA ADDITIONAL INVESTIGATION

Lab Number: L2331318

Project Number: 059294

Report Date: 07/05/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 26-32 Batch: WG1793066-3 WG1793066-4								
1,2,4-Trichlorobenzene	97		94		70-130	3		20
Methyl Acetate	85		85		70-130	0		20
Cyclohexane	110		100		70-130	10		20
1,4-Dioxane	78		86		56-162	10		20
Freon-113	110		100		70-130	10		20
Methyl cyclohexane	94		95		70-130	1		20

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	93		91		70-130
Toluene-d8	99		98		70-130
4-Bromofluorobenzene	97		95		70-130
Dibromofluoromethane	104		98		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: JMA ADDITIONAL INVESTIGATION

Project Number: 059294

Lab Number: L2331318

Report Date: 07/05/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 06-12 Batch: WG1793112-3 WG1793112-4								
Methylene chloride	95		98		70-130	3		30
1,1-Dichloroethane	108		111		70-130	3		30
Chloroform	103		108		70-130	5		30
Carbon tetrachloride	113		118		70-130	4		30
1,2-Dichloropropane	102		106		70-130	4		30
Dibromochloromethane	95		98		70-130	3		30
1,1,2-Trichloroethane	89		91		70-130	2		30
Tetrachloroethene	107		112		70-130	5		30
Chlorobenzene	95		98		70-130	3		30
Trichlorofluoromethane	122		127		70-139	4		30
1,2-Dichloroethane	105		111		70-130	6		30
1,1,1-Trichloroethane	111		117		70-130	5		30
Bromodichloromethane	102		107		70-130	5		30
trans-1,3-Dichloropropene	92		95		70-130	3		30
cis-1,3-Dichloropropene	98		103		70-130	5		30
Bromoform	94		97		70-130	3		30
1,1,2,2-Tetrachloroethane	79		77		70-130	3		30
Benzene	99		104		70-130	5		30
Toluene	89		93		70-130	4		30
Ethylbenzene	95		98		70-130	3		30
Chloromethane	122		126		52-130	3		30
Bromomethane	129		131		57-147	2		30
Vinyl chloride	104		107		67-130	3		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: JMA ADDITIONAL INVESTIGATION

Project Number: 059294

Lab Number: L2331318

Report Date: 07/05/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 06-12 Batch: WG1793112-3 WG1793112-4								
Chloroethane	105		109		50-151	4		30
1,1-Dichloroethene	106		110		65-135	4		30
trans-1,2-Dichloroethene	105		109		70-130	4		30
Trichloroethene	108		118		70-130	9		30
1,2-Dichlorobenzene	94		97		70-130	3		30
1,3-Dichlorobenzene	94		98		70-130	4		30
1,4-Dichlorobenzene	94		98		70-130	4		30
Methyl tert butyl ether	99		104		66-130	5		30
p/m-Xylene	97		99		70-130	2		30
o-Xylene	95		98		70-130	3		30
cis-1,2-Dichloroethene	100		105		70-130	5		30
Styrene	93		96		70-130	3		30
Dichlorodifluoromethane	103		107		30-146	4		30
Acetone	105		106		54-140	1		30
Carbon disulfide	107		111		59-130	4		30
2-Butanone	104		106		70-130	2		30
4-Methyl-2-pentanone	91		92		70-130	1		30
2-Hexanone	86		87		70-130	1		30
Bromochloromethane	103		107		70-130	4		30
1,2-Dibromoethane	91		94		70-130	3		30
1,2-Dibromo-3-chloropropane	82		87		68-130	6		30
Isopropylbenzene	94		98		70-130	4		30
1,2,3-Trichlorobenzene	98		102		70-130	4		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: JMA ADDITIONAL INVESTIGATION

Project Number: 059294

Lab Number: L2331318

Report Date: 07/05/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 06-12 Batch: WG1793112-3 WG1793112-4								
1,2,4-Trichlorobenzene	99		103		70-130	4		30
Methyl Acetate	106		110		51-146	4		30
Cyclohexane	116		121		59-142	4		30
1,4-Dioxane	99		103		65-136	4		30
Freon-113	113		119		50-139	5		30
Methyl cyclohexane	103		107		70-130	4		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	107		107		70-130
Toluene-d8	97		96		70-130
4-Bromofluorobenzene	94		96		70-130
Dibromofluoromethane	102		103		70-130

Lab Control Sample Analysis **Batch Quality Control**

Project Name: JMA ADDITIONAL INVESTIGATION

Project Number: 059294

Lab Number: L2331318

Report Date: 07/05/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 High - Westborough Lab Associated sample(s): 11 Batch: WG1793258-3 WG1793258-4								
Methylene chloride	93		92		70-130	1		30
1,1-Dichloroethane	103		100		70-130	3		30
Chloroform	100		99		70-130	1		30
Carbon tetrachloride	106		101		70-130	5		30
1,2-Dichloropropane	100		97		70-130	3		30
Dibromochloromethane	91		91		70-130	0		30
1,1,2-Trichloroethane	87		87		70-130	0		30
Tetrachloroethene	100		96		70-130	4		30
Chlorobenzene	91		89		70-130	2		30
Trichlorofluoromethane	109		107		70-139	2		30
1,2-Dichloroethane	104		104		70-130	0		30
1,1,1-Trichloroethane	106		102		70-130	4		30
Bromodichloromethane	98		99		70-130	1		30
trans-1,3-Dichloropropene	90		90		70-130	0		30
cis-1,3-Dichloropropene	96		95		70-130	1		30
Bromoform	89		92		70-130	3		30
1,1,2,2-Tetrachloroethane	77		76		70-130	1		30
Benzene	96		93		70-130	3		30
Toluene	86		83		70-130	4		30
Ethylbenzene	91		88		70-130	3		30
Chloromethane	111		105		52-130	6		30
Bromomethane	117		114		57-147	3		30
Vinyl chloride	94		91		67-130	3		30

Lab Control Sample Analysis **Batch Quality Control**

Project Name: JMA ADDITIONAL INVESTIGATION

Lab Number: L2331318

Project Number: 059294

Report Date: 07/05/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 High - Westborough Lab Associated sample(s): 11 Batch: WG1793258-3 WG1793258-4								
Chloroethane	98		94		50-151	4		30
1,1-Dichloroethene	98		95		65-135	3		30
trans-1,2-Dichloroethene	99		95		70-130	4		30
Trichloroethene	102		104		70-130	2		30
1,2-Dichlorobenzene	86		89		70-130	3		30
1,3-Dichlorobenzene	87		88		70-130	1		30
1,4-Dichlorobenzene	87		88		70-130	1		30
Methyl tert butyl ether	98		98		66-130	0		30
p/m-Xylene	91		88		70-130	3		30
o-Xylene	91		90		70-130	1		30
cis-1,2-Dichloroethene	96		95		70-130	1		30
Styrene	89		87		70-130	2		30
Dichlorodifluoromethane	92		87		30-146	6		30
Acetone	101		103		54-140	2		30
Carbon disulfide	100		96		59-130	4		30
2-Butanone	103		103		70-130	0		30
4-Methyl-2-pentanone	92		94		70-130	2		30
2-Hexanone	85		88		70-130	3		30
Bromochloromethane	101		100		70-130	1		30
1,2-Dibromoethane	90		89		70-130	1		30
1,2-Dibromo-3-chloropropane	79		82		68-130	4		30
Isopropylbenzene	87		86		70-130	1		30
1,2,3-Trichlorobenzene	91		94		70-130	3		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: JMA ADDITIONAL INVESTIGATION

Lab Number: L2331318

Project Number: 059294

Report Date: 07/05/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 High - Westborough Lab Associated sample(s): 11 Batch: WG1793258-3 WG1793258-4								
1,2,4-Trichlorobenzene	93		93		70-130	0		30
Methyl Acetate	111		110		51-146	1		30
Cyclohexane	106		102		59-142	4		30
1,4-Dioxane	101		106		65-136	5		30
Freon-113	103		100		50-139	3		30
Methyl cyclohexane	93		90		70-130	3		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	109		109		70-130
Toluene-d8	96		95		70-130
4-Bromofluorobenzene	94		94		70-130
Dibromofluoromethane	101		103		70-130

Lab Control Sample Analysis **Batch Quality Control**

Project Name: JMA ADDITIONAL INVESTIGATION

Project Number: 059294

Lab Number: L2331318

Report Date: 07/05/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 14-16,18 Batch: WG1794192-3 WG1794192-4								
Methylene chloride	87		90		70-130	3		30
1,1-Dichloroethane	96		99		70-130	3		30
Chloroform	91		94		70-130	3		30
Carbon tetrachloride	85		85		70-130	0		30
1,2-Dichloropropane	96		100		70-130	4		30
Dibromochloromethane	86		91		70-130	6		30
1,1,2-Trichloroethane	91		97		70-130	6		30
Tetrachloroethene	87		88		70-130	1		30
Chlorobenzene	92		94		70-130	2		30
Trichlorofluoromethane	89		89		70-139	0		30
1,2-Dichloroethane	90		94		70-130	4		30
1,1,1-Trichloroethane	90		91		70-130	1		30
Bromodichloromethane	90		94		70-130	4		30
trans-1,3-Dichloropropene	89		94		70-130	5		30
cis-1,3-Dichloropropene	93		98		70-130	5		30
Bromoform	76		82		70-130	8		30
1,1,2,2-Tetrachloroethane	93		98		70-130	5		30
Benzene	95		97		70-130	2		30
Toluene	92		94		70-130	2		30
Ethylbenzene	95		97		70-130	2		30
Chloromethane	97		96		52-130	1		30
Bromomethane	87		85		57-147	2		30
Vinyl chloride	95		93		67-130	2		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: JMA ADDITIONAL INVESTIGATION

Project Number: 059294

Lab Number: L2331318

Report Date: 07/05/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 14-16,18 Batch: WG1794192-3 WG1794192-4								
Chloroethane	99		99		50-151	0		30
1,1-Dichloroethene	91		90		65-135	1		30
trans-1,2-Dichloroethene	91		92		70-130	1		30
Trichloroethene	93		95		70-130	2		30
1,2-Dichlorobenzene	90		94		70-130	4		30
1,3-Dichlorobenzene	93		95		70-130	2		30
1,4-Dichlorobenzene	91		94		70-130	3		30
Methyl tert butyl ether	84		90		66-130	7		30
p/m-Xylene	94		96		70-130	2		30
o-Xylene	94		96		70-130	2		30
cis-1,2-Dichloroethene	89		92		70-130	3		30
Styrene	94		97		70-130	3		30
Dichlorodifluoromethane	76		73		30-146	4		30
Acetone	90		97		54-140	7		30
Carbon disulfide	87		87		59-130	0		30
2-Butanone	90		95		70-130	5		30
4-Methyl-2-pentanone	93		101		70-130	8		30
2-Hexanone	96		102		70-130	6		30
Bromochloromethane	87		90		70-130	3		30
1,2-Dibromoethane	87		92		70-130	6		30
1,2-Dibromo-3-chloropropane	72		79		68-130	9		30
Isopropylbenzene	96		98		70-130	2		30
1,2,3-Trichlorobenzene	82		89		70-130	8		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: JMA ADDITIONAL INVESTIGATION

Project Number: 059294

Lab Number: L2331318

Report Date: 07/05/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 14-16,18 Batch: WG1794192-3 WG1794192-4								
1,2,4-Trichlorobenzene	95		99		70-130	4		30
Methyl Acetate	89		93		51-146	4		30
Cyclohexane	103		102		59-142	1		30
1,4-Dioxane	83		88		65-136	6		30
Freon-113	91		91		50-139	0		30
Methyl cyclohexane	95		93		70-130	2		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	97		98		70-130
Toluene-d8	101		102		70-130
4-Bromofluorobenzene	105		107		70-130
Dibromofluoromethane	95		97		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: JMA ADDITIONAL INVESTIGATION

Project Number: 059294

Lab Number: L2331318

Report Date: 07/05/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 High - Westborough Lab Associated sample(s): 13,17,19-20 Batch: WG1794193-3 WG1794193-4								
Methylene chloride	87		90		70-130	3		30
1,1-Dichloroethane	96		99		70-130	3		30
Chloroform	91		94		70-130	3		30
Carbon tetrachloride	85		85		70-130	0		30
1,2-Dichloropropane	96		100		70-130	4		30
Dibromochloromethane	86		91		70-130	6		30
1,1,2-Trichloroethane	91		97		70-130	6		30
Tetrachloroethene	87		88		70-130	1		30
Chlorobenzene	92		94		70-130	2		30
Trichlorofluoromethane	89		89		70-139	0		30
1,2-Dichloroethane	90		94		70-130	4		30
1,1,1-Trichloroethane	90		91		70-130	1		30
Bromodichloromethane	90		94		70-130	4		30
trans-1,3-Dichloropropene	89		94		70-130	5		30
cis-1,3-Dichloropropene	93		98		70-130	5		30
Bromoform	76		82		70-130	8		30
1,1,2,2-Tetrachloroethane	93		98		70-130	5		30
Benzene	95		97		70-130	2		30
Toluene	92		94		70-130	2		30
Ethylbenzene	95		97		70-130	2		30
Chloromethane	97		96		52-130	1		30
Bromomethane	87		85		57-147	2		30
Vinyl chloride	95		93		67-130	2		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: JMA ADDITIONAL INVESTIGATION

Project Number: 059294

Lab Number: L2331318

Report Date: 07/05/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 High - Westborough Lab Associated sample(s): 13,17,19-20 Batch: WG1794193-3 WG1794193-4								
Chloroethane	99		99		50-151	0		30
1,1-Dichloroethene	91		90		65-135	1		30
trans-1,2-Dichloroethene	91		92		70-130	1		30
Trichloroethene	93		95		70-130	2		30
1,2-Dichlorobenzene	90		94		70-130	4		30
1,3-Dichlorobenzene	93		95		70-130	2		30
1,4-Dichlorobenzene	91		94		70-130	3		30
Methyl tert butyl ether	84		90		66-130	7		30
p/m-Xylene	94		96		70-130	2		30
o-Xylene	94		96		70-130	2		30
cis-1,2-Dichloroethene	89		92		70-130	3		30
Styrene	94		97		70-130	3		30
Dichlorodifluoromethane	76		73		30-146	4		30
Acetone	90		97		54-140	7		30
Carbon disulfide	87		87		59-130	0		30
2-Butanone	90		95		70-130	5		30
4-Methyl-2-pentanone	93		101		70-130	8		30
2-Hexanone	96		102		70-130	6		30
Bromochloromethane	87		90		70-130	3		30
1,2-Dibromoethane	87		92		70-130	6		30
1,2-Dibromo-3-chloropropane	72		79		68-130	9		30
Isopropylbenzene	96		98		70-130	2		30
1,2,3-Trichlorobenzene	82		89		70-130	8		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: JMA ADDITIONAL INVESTIGATION

Project Number: 059294

Lab Number: L2331318

Report Date: 07/05/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 High - Westborough Lab Associated sample(s): 13,17,19-20 Batch: WG1794193-3 WG1794193-4								
1,2,4-Trichlorobenzene	95		99		70-130	4		30
Methyl Acetate	89		93		51-146	4		30
Cyclohexane	103		102		59-142	1		30
1,4-Dioxane	83		88		65-136	6		30
Freon-113	91		91		50-139	0		30
Methyl cyclohexane	95		93		70-130	2		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	97		98		70-130
Toluene-d8	101		102		70-130
4-Bromofluorobenzene	105		107		70-130
Dibromofluoromethane	95		97		70-130

Lab Control Sample Analysis **Batch Quality Control**

Project Name: JMA ADDITIONAL INVESTIGATION

Lab Number: L2331318

Project Number: 059294

Report Date: 07/05/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 17 Batch: WG1794243-3 WG1794243-4								
Methylene chloride	92		92		70-130	0		30
1,1-Dichloroethane	100		100		70-130	0		30
Chloroform	102		95		70-130	7		30
Carbon tetrachloride	110		111		70-130	1		30
1,2-Dichloropropane	95		96		70-130	1		30
Dibromochloromethane	89		88		70-130	1		30
1,1,2-Trichloroethane	84		85		70-130	1		30
Tetrachloroethene	86		85		70-130	1		30
Chlorobenzene	92		92		70-130	0		30
Trichlorofluoromethane	93		93		70-139	0		30
1,2-Dichloroethane	102		101		70-130	1		30
1,1,1-Trichloroethane	110		109		70-130	1		30
Bromodichloromethane	107		108		70-130	1		30
trans-1,3-Dichloropropene	89		88		70-130	1		30
cis-1,3-Dichloropropene	101		99		70-130	2		30
Bromoform	84		86		70-130	2		30
1,1,2,2-Tetrachloroethane	63	Q	64	Q	70-130	2		30
Benzene	99		99		70-130	0		30
Toluene	85		85		70-130	0		30
Ethylbenzene	90		90		70-130	0		30
Chloromethane	118		121		52-130	3		30
Bromomethane	106		104		57-147	2		30
Vinyl chloride	105		100		67-130	5		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: JMA ADDITIONAL INVESTIGATION

Project Number: 059294

Lab Number: L2331318

Report Date: 07/05/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 17 Batch: WG1794243-3 WG1794243-4								
Chloroethane	104		105		50-151	1		30
1,1-Dichloroethene	105		106		65-135	1		30
trans-1,2-Dichloroethene	95		93		70-130	2		30
Trichloroethene	95		95		70-130	0		30
1,2-Dichlorobenzene	86		87		70-130	1		30
1,3-Dichlorobenzene	86		87		70-130	1		30
1,4-Dichlorobenzene	86		87		70-130	1		30
Methyl tert butyl ether	98		96		66-130	2		30
p/m-Xylene	98		97		70-130	1		30
o-Xylene	97		97		70-130	0		30
cis-1,2-Dichloroethene	91		91		70-130	0		30
Styrene	96		96		70-130	0		30
Dichlorodifluoromethane	92		95		30-146	3		30
Acetone	101		107		54-140	6		30
Carbon disulfide	111		110		59-130	1		30
2-Butanone	94		93		70-130	1		30
4-Methyl-2-pentanone	82		84		70-130	2		30
2-Hexanone	82		84		70-130	2		30
Bromochloromethane	100		102		70-130	2		30
1,2-Dibromoethane	77		78		70-130	1		30
1,2-Dibromo-3-chloropropane	79		82		68-130	4		30
Isopropylbenzene	78		80		70-130	3		30
1,2,3-Trichlorobenzene	83		84		70-130	1		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: JMA ADDITIONAL INVESTIGATION

Project Number: 059294

Lab Number: L2331318

Report Date: 07/05/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 17 Batch: WG1794243-3 WG1794243-4								
1,2,4-Trichlorobenzene	86		86		70-130	0		30
Methyl Acetate	99		101		51-146	2		30
Cyclohexane	99		97		59-142	2		30
1,4-Dioxane	85		93		65-136	9		30
Freon-113	107		107		50-139	0		30
Methyl cyclohexane	98		96		70-130	2		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	105		104		70-130
Toluene-d8	94		94		70-130
4-Bromofluorobenzene	89		91		70-130
Dibromofluoromethane	104		104		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: JMA ADDITIONAL INVESTIGATION

Project Number: 059294

Lab Number: L2331318

Report Date: 07/05/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 27 Batch: WG1794311-3 WG1794311-4								
Methylene chloride	110		110		70-130	0		20
1,1-Dichloroethane	110		120		70-130	9		20
Chloroform	110		120		70-130	9		20
Carbon tetrachloride	94		100		63-132	6		20
1,2-Dichloropropane	110		110		70-130	0		20
Dibromochloromethane	87		90		63-130	3		20
1,1,2-Trichloroethane	110		110		70-130	0		20
Tetrachloroethene	100		100		70-130	0		20
Chlorobenzene	100		110		75-130	10		20
Trichlorofluoromethane	110		120		62-150	9		20
1,2-Dichloroethane	110		110		70-130	0		20
1,1,1-Trichloroethane	110		110		67-130	0		20
Bromodichloromethane	97		100		67-130	3		20
trans-1,3-Dichloropropene	94		100		70-130	6		20
cis-1,3-Dichloropropene	99		100		70-130	1		20
Bromoform	77		87		54-136	12		20
1,1,2,2-Tetrachloroethane	110		120		67-130	9		20
Benzene	110		110		70-130	0		20
Toluene	100		110		70-130	10		20
Ethylbenzene	98		100		70-130	2		20
Chloromethane	120		120		64-130	0		20
Bromomethane	120		130		39-139	8		20
Vinyl chloride	120		120		55-140	0		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: JMA ADDITIONAL INVESTIGATION

Project Number: 059294

Lab Number: L2331318

Report Date: 07/05/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 27 Batch: WG1794311-3 WG1794311-4								
Chloroethane	120		120		55-138	0		20
1,1-Dichloroethene	110		110		61-145	0		20
trans-1,2-Dichloroethene	110		110		70-130	0		20
Trichloroethene	100		110		70-130	10		20
1,2-Dichlorobenzene	100		110		70-130	10		20
1,3-Dichlorobenzene	100		110		70-130	10		20
1,4-Dichlorobenzene	99		110		70-130	11		20
Methyl tert butyl ether	98		100		63-130	2		20
p/m-Xylene	100		110		70-130	10		20
o-Xylene	100		105		70-130	5		20
cis-1,2-Dichloroethene	100		110		70-130	10		20
Styrene	105		110		70-130	5		20
Dichlorodifluoromethane	110		120		36-147	9		20
Acetone	100		110		58-148	10		20
Carbon disulfide	97		100		51-130	3		20
2-Butanone	100		110		63-138	10		20
4-Methyl-2-pentanone	89		94		59-130	5		20
2-Hexanone	80		89		57-130	11		20
Bromochloromethane	100		100		70-130	0		20
1,2-Dibromoethane	100		100		70-130	0		20
1,2-Dibromo-3-chloropropane	83		95		41-144	13		20
Isopropylbenzene	98		110		70-130	12		20
1,2,3-Trichlorobenzene	93		100		70-130	7		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: JMA ADDITIONAL INVESTIGATION

Project Number: 059294

Lab Number: L2331318

Report Date: 07/05/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 27 Batch: WG1794311-3 WG1794311-4								
1,2,4-Trichlorobenzene	92		100		70-130	8		20
Methyl Acetate	110		120		70-130	9		20
Cyclohexane	110		120		70-130	9		20
1,4-Dioxane	88		88		56-162	0		20
Freon-113	110		120		70-130	9		20
Methyl cyclohexane	90		100		70-130	11		20

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	108		107		70-130
Toluene-d8	101		102		70-130
4-Bromofluorobenzene	95		99		70-130
Dibromofluoromethane	107		105		70-130

SEMIVOLATILES

Project Name: JMA ADDITIONAL INVESTIGATION**Lab Number:** L2331318**Project Number:** 059294**Report Date:** 07/05/23**SAMPLE RESULTS**

Lab ID: L2331318-01
 Client ID: SOIL-100
 Sample Location: 140 CORTLAND AVE, SYRACUSE, NY

Date Collected: 06/05/23 13:30
 Date Received: 06/05/23
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270E
 Analytical Date: 06/15/23 11:50
 Analyst: SLR
 Percent Solids: 89%

Extraction Method: EPA 3546
 Extraction Date: 06/08/23 23:48

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		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	ND		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	ND		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	ND		ug/kg	110	21.	1
Benzo(a)pyrene	ND		ug/kg	150	46.	1

Project Name: JMA ADDITIONAL INVESTIGATION**Lab Number:** L2331318**Project Number:** 059294**Report Date:** 07/05/23**SAMPLE RESULTS**

Lab ID: L2331318-01
 Client ID: SOIL-100
 Sample Location: 140 CORTLAND AVE, SYRACUSE, NY

Date Collected: 06/05/23 13:30
 Date Received: 06/05/23
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(b)fluoranthene	ND		ug/kg	110	32.	1
Benzo(k)fluoranthene	ND		ug/kg	110	30.	1
Chrysene	ND		ug/kg	110	20.	1
Acenaphthylene	ND		ug/kg	150	29.	1
Anthracene	ND		ug/kg	110	36.	1
Benzo(ghi)perylene	22	J	ug/kg	150	22.	1
Fluorene	ND		ug/kg	190	18.	1
Phenanthrene	ND		ug/kg	110	23.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	22.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	150	26.	1
Pyrene	ND		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	ND		ug/kg	190	18.	1
2-Methylnaphthalene	ND		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	ND		ug/kg	190	18.	1
Atrazine	ND		ug/kg	150	66.	1
Benzaldehyde	ND		ug/kg	250	51.	1

Project Name: JMA ADDITIONAL INVESTIGATION**Lab Number:** L2331318**Project Number:** 059294**Report Date:** 07/05/23**SAMPLE RESULTS****Lab ID:** L2331318-01**Date Collected:** 06/05/23 13:30**Client ID:** SOIL-100**Date Received:** 06/05/23**Sample Location:** 140 CORTLAND AVE, 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	88		25-120
Phenol-d6	84		10-120
Nitrobenzene-d5	91		23-120
2-Fluorobiphenyl	83		30-120
2,4,6-Tribromophenol	84		10-136
4-Terphenyl-d14	68		18-120

Project Name: JMA ADDITIONAL INVESTIGATION**Lab Number:** L2331318**Project Number:** 059294**Report Date:** 07/05/23**SAMPLE RESULTS**

Lab ID: L2331318-02
 Client ID: SOIL-101
 Sample Location: 140 CORTLAND AVE, SYRACUSE, NY

Date Collected: 06/05/23 14:30
 Date Received: 06/05/23
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270E
 Analytical Date: 06/15/23 12:07
 Analyst: SLR
 Percent Solids: 71%

Extraction Method: EPA 3546
 Extraction Date: 06/08/23 23:48

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	180	24.	1
Hexachlorobenzene	ND		ug/kg	140	26.	1
Bis(2-chloroethyl)ether	ND		ug/kg	210	31.	1
2-Chloronaphthalene	ND		ug/kg	230	23.	1
3,3'-Dichlorobenzidine	ND		ug/kg	230	62.	1
2,4-Dinitrotoluene	ND		ug/kg	230	46.	1
2,6-Dinitrotoluene	ND		ug/kg	230	40.	1
Fluoranthene	ND		ug/kg	140	26.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	230	25.	1
4-Bromophenyl phenyl ether	ND		ug/kg	230	35.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	280	39.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	250	23.	1
Hexachlorobutadiene	ND		ug/kg	230	34.	1
Hexachlorocyclopentadiene	ND		ug/kg	660	210	1
Hexachloroethane	ND		ug/kg	180	37.	1
Isophorone	ND		ug/kg	210	30.	1
Naphthalene	ND		ug/kg	230	28.	1
Nitrobenzene	ND		ug/kg	210	34.	1
NDPA/DPA	ND		ug/kg	180	26.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	230	36.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	230	80.	1
Butyl benzyl phthalate	ND		ug/kg	230	58.	1
Di-n-butylphthalate	ND		ug/kg	230	44.	1
Di-n-octylphthalate	ND		ug/kg	230	79.	1
Diethyl phthalate	ND		ug/kg	230	21.	1
Dimethyl phthalate	ND		ug/kg	230	48.	1
Benzo(a)anthracene	ND		ug/kg	140	26.	1
Benzo(a)pyrene	ND		ug/kg	180	56.	1

Project Name: JMA ADDITIONAL INVESTIGATION**Lab Number:** L2331318**Project Number:** 059294**Report Date:** 07/05/23**SAMPLE RESULTS****Lab ID:** L2331318-02**Date Collected:** 06/05/23 14:30**Client ID:** SOIL-101**Date Received:** 06/05/23**Sample Location:** 140 CORTLAND AVE, 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	ND		ug/kg	140	39.	1
Benzo(k)fluoranthene	ND		ug/kg	140	37.	1
Chrysene	ND		ug/kg	140	24.	1
Acenaphthylene	ND		ug/kg	180	36.	1
Anthracene	ND		ug/kg	140	45.	1
Benzo(ghi)perylene	ND		ug/kg	180	27.	1
Fluorene	ND		ug/kg	230	22.	1
Phenanthrene	ND		ug/kg	140	28.	1
Dibenzo(a,h)anthracene	ND		ug/kg	140	27.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	180	32.	1
Pyrene	ND		ug/kg	140	23.	1
Biphenyl	ND		ug/kg	530	30.	1
4-Chloroaniline	ND		ug/kg	230	42.	1
2-Nitroaniline	ND		ug/kg	230	44.	1
3-Nitroaniline	ND		ug/kg	230	44.	1
4-Nitroaniline	ND		ug/kg	230	96.	1
Dibenzofuran	ND		ug/kg	230	22.	1
2-Methylnaphthalene	ND		ug/kg	280	28.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	230	24.	1
Acetophenone	ND		ug/kg	230	29.	1
2,4,6-Trichlorophenol	ND		ug/kg	140	44.	1
p-Chloro-m-cresol	ND		ug/kg	230	34.	1
2-Chlorophenol	ND		ug/kg	230	27.	1
2,4-Dichlorophenol	ND		ug/kg	210	37.	1
2,4-Dimethylphenol	ND		ug/kg	230	76.	1
2-Nitrophenol	ND		ug/kg	500	87.	1
4-Nitrophenol	ND		ug/kg	320	94.	1
2,4-Dinitrophenol	ND		ug/kg	1100	110	1
4,6-Dinitro-o-cresol	ND		ug/kg	600	110	1
Pentachlorophenol	ND		ug/kg	180	51.	1
Phenol	ND		ug/kg	230	35.	1
2-Methylphenol	ND		ug/kg	230	36.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	330	36.	1
2,4,5-Trichlorophenol	ND		ug/kg	230	44.	1
Carbazole	ND		ug/kg	230	22.	1
Atrazine	ND		ug/kg	180	81.	1
Benzaldehyde	ND		ug/kg	300	62.	1

Project Name: JMA ADDITIONAL INVESTIGATION**Lab Number:** L2331318**Project Number:** 059294**Report Date:** 07/05/23**SAMPLE RESULTS****Lab ID:** L2331318-02**Date Collected:** 06/05/23 14:30**Client ID:** SOIL-101**Date Received:** 06/05/23**Sample Location:** 140 CORTLAND AVE, 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	230	70.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	230	47.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	59		25-120
Phenol-d6	54		10-120
Nitrobenzene-d5	63		23-120
2-Fluorobiphenyl	56		30-120
2,4,6-Tribromophenol	63		10-136
4-Terphenyl-d14	48		18-120

Project Name: JMA ADDITIONAL INVESTIGATION**Lab Number:** L2331318**Project Number:** 059294**Report Date:** 07/05/23**SAMPLE RESULTS**

Lab ID: L2331318-03
 Client ID: SOIL-102
 Sample Location: 140 CORTLAND AVE, SYRACUSE, NY

Date Collected: 06/05/23 15:10
 Date Received: 06/05/23
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270E
 Analytical Date: 06/15/23 12:24
 Analyst: SLR
 Percent Solids: 84%

Extraction Method: EPA 3546
 Extraction Date: 06/08/23 23:48

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	160	20.	1
Hexachlorobenzene	ND		ug/kg	120	22.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	26.	1
2-Chloronaphthalene	ND		ug/kg	190	19.	1
3,3'-Dichlorobenzidine	ND		ug/kg	190	52.	1
2,4-Dinitrotoluene	ND		ug/kg	190	39.	1
2,6-Dinitrotoluene	ND		ug/kg	190	33.	1
Fluoranthene	ND		ug/kg	120	22.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	190	21.	1
4-Bromophenyl phenyl ether	ND		ug/kg	190	30.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	230	33.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	210	19.	1
Hexachlorobutadiene	ND		ug/kg	190	28.	1
Hexachlorocyclopentadiene	ND		ug/kg	560	180	1
Hexachloroethane	ND		ug/kg	160	31.	1
Isophorone	ND		ug/kg	170	25.	1
Naphthalene	110	J	ug/kg	190	24.	1
Nitrobenzene	ND		ug/kg	170	29.	1
NDPA/DPA	ND		ug/kg	160	22.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	190	30.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	190	67.	1
Butyl benzyl phthalate	ND		ug/kg	190	49.	1
Di-n-butylphthalate	ND		ug/kg	190	37.	1
Di-n-octylphthalate	ND		ug/kg	190	66.	1
Diethyl phthalate	ND		ug/kg	190	18.	1
Dimethyl phthalate	ND		ug/kg	190	41.	1
Benzo(a)anthracene	ND		ug/kg	120	22.	1
Benzo(a)pyrene	ND		ug/kg	160	47.	1

Project Name: JMA ADDITIONAL INVESTIGATION**Lab Number:** L2331318**Project Number:** 059294**Report Date:** 07/05/23**SAMPLE RESULTS**

Lab ID: L2331318-03
 Client ID: SOIL-102
 Sample Location: 140 CORTLAND AVE, SYRACUSE, NY

Date Collected: 06/05/23 15:10
 Date Received: 06/05/23
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(b)fluoranthene	ND		ug/kg	120	33.	1
Benzo(k)fluoranthene	ND		ug/kg	120	31.	1
Chrysene	ND		ug/kg	120	20.	1
Acenaphthylene	ND		ug/kg	160	30.	1
Anthracene	ND		ug/kg	120	38.	1
Benzo(ghi)perylene	ND		ug/kg	160	23.	1
Fluorene	ND		ug/kg	190	19.	1
Phenanthrene	ND		ug/kg	120	24.	1
Dibenzo(a,h)anthracene	ND		ug/kg	120	22.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	160	27.	1
Pyrene	ND		ug/kg	120	19.	1
Biphenyl	ND		ug/kg	440	25.	1
4-Chloroaniline	ND		ug/kg	190	35.	1
2-Nitroaniline	ND		ug/kg	190	37.	1
3-Nitroaniline	ND		ug/kg	190	37.	1
4-Nitroaniline	ND		ug/kg	190	80.	1
Dibenzofuran	ND		ug/kg	190	18.	1
2-Methylnaphthalene	47	J	ug/kg	230	23.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	190	20.	1
Acetophenone	ND		ug/kg	190	24.	1
2,4,6-Trichlorophenol	ND		ug/kg	120	37.	1
p-Chloro-m-cresol	ND		ug/kg	190	29.	1
2-Chlorophenol	ND		ug/kg	190	23.	1
2,4-Dichlorophenol	ND		ug/kg	170	31.	1
2,4-Dimethylphenol	ND		ug/kg	190	64.	1
2-Nitrophenol	ND		ug/kg	420	73.	1
4-Nitrophenol	ND		ug/kg	270	79.	1
2,4-Dinitrophenol	ND		ug/kg	930	90.	1
4,6-Dinitro-o-cresol	ND		ug/kg	500	93.	1
Pentachlorophenol	ND		ug/kg	160	43.	1
Phenol	ND		ug/kg	190	29.	1
2-Methylphenol	ND		ug/kg	190	30.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	280	30.	1
2,4,5-Trichlorophenol	ND		ug/kg	190	37.	1
Carbazole	ND		ug/kg	190	19.	1
Atrazine	ND		ug/kg	160	68.	1
Benzaldehyde	ND		ug/kg	260	52.	1

Project Name: JMA ADDITIONAL INVESTIGATION**Lab Number:** L2331318**Project Number:** 059294**Report Date:** 07/05/23**SAMPLE RESULTS****Lab ID:** L2331318-03**Date Collected:** 06/05/23 15:10**Client ID:** SOIL-102**Date Received:** 06/05/23**Sample Location:** 140 CORTLAND AVE, 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	59.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	190	39.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	80		25-120
Phenol-d6	78		10-120
Nitrobenzene-d5	87		23-120
2-Fluorobiphenyl	79		30-120
2,4,6-Tribromophenol	86		10-136
4-Terphenyl-d14	75		18-120

Project Name: JMA ADDITIONAL INVESTIGATION**Lab Number:** L2331318**Project Number:** 059294**Report Date:** 07/05/23**SAMPLE RESULTS**

Lab ID: L2331318-04
 Client ID: SOIL-103
 Sample Location: 140 CORTLAND AVE, SYRACUSE, NY

Date Collected: 06/05/23 16:00
 Date Received: 06/05/23
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270E
 Analytical Date: 06/15/23 12:42
 Analyst: SLR
 Percent Solids: 66%

Extraction Method: EPA 3546
 Extraction Date: 06/08/23 23:48

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	200	26.	1
Hexachlorobenzene	ND		ug/kg	150	28.	1
Bis(2-chloroethyl)ether	ND		ug/kg	220	34.	1
2-Chloronaphthalene	ND		ug/kg	250	25.	1
3,3'-Dichlorobenzidine	ND		ug/kg	250	66.	1
2,4-Dinitrotoluene	ND		ug/kg	250	50.	1
2,6-Dinitrotoluene	ND		ug/kg	250	43.	1
Fluoranthene	ND		ug/kg	150	29.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	250	27.	1
4-Bromophenyl phenyl ether	ND		ug/kg	250	38.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	300	43.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	270	25.	1
Hexachlorobutadiene	ND		ug/kg	250	37.	1
Hexachlorocyclopentadiene	ND		ug/kg	720	230	1
Hexachloroethane	ND		ug/kg	200	40.	1
Isophorone	ND		ug/kg	220	32.	1
Naphthalene	ND		ug/kg	250	30.	1
Nitrobenzene	ND		ug/kg	220	37.	1
NDPA/DPA	ND		ug/kg	200	28.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	250	39.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	250	86.	1
Butyl benzyl phthalate	ND		ug/kg	250	63.	1
Di-n-butylphthalate	ND		ug/kg	250	47.	1
Di-n-octylphthalate	ND		ug/kg	250	85.	1
Diethyl phthalate	ND		ug/kg	250	23.	1
Dimethyl phthalate	ND		ug/kg	250	52.	1
Benzo(a)anthracene	ND		ug/kg	150	28.	1
Benzo(a)pyrene	ND		ug/kg	200	61.	1

Project Name: JMA ADDITIONAL INVESTIGATION**Lab Number:** L2331318**Project Number:** 059294**Report Date:** 07/05/23**SAMPLE RESULTS****Lab ID:** L2331318-04**Date Collected:** 06/05/23 16:00**Client ID:** SOIL-103**Date Received:** 06/05/23**Sample Location:** 140 CORTLAND AVE, 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	ND		ug/kg	150	42.	1
Benzo(k)fluoranthene	ND		ug/kg	150	40.	1
Chrysene	ND		ug/kg	150	26.	1
Acenaphthylene	ND		ug/kg	200	39.	1
Anthracene	ND		ug/kg	150	49.	1
Benzo(ghi)perylene	ND		ug/kg	200	29.	1
Fluorene	ND		ug/kg	250	24.	1
Phenanthrene	ND		ug/kg	150	30.	1
Dibenzo(a,h)anthracene	ND		ug/kg	150	29.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	200	35.	1
Pyrene	ND		ug/kg	150	25.	1
Biphenyl	ND		ug/kg	570	32.	1
4-Chloroaniline	ND		ug/kg	250	46.	1
2-Nitroaniline	ND		ug/kg	250	48.	1
3-Nitroaniline	ND		ug/kg	250	47.	1
4-Nitroaniline	ND		ug/kg	250	100	1
Dibenzofuran	ND		ug/kg	250	24.	1
2-Methylnaphthalene	ND		ug/kg	300	30.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	250	26.	1
Acetophenone	ND		ug/kg	250	31.	1
2,4,6-Trichlorophenol	ND		ug/kg	150	47.	1
p-Chloro-m-cresol	ND		ug/kg	250	37.	1
2-Chlorophenol	ND		ug/kg	250	30.	1
2,4-Dichlorophenol	ND		ug/kg	220	40.	1
2,4-Dimethylphenol	ND		ug/kg	250	82.	1
2-Nitrophenol	ND		ug/kg	540	94.	1
4-Nitrophenol	ND		ug/kg	350	100	1
2,4-Dinitrophenol	ND		ug/kg	1200	120	1
4,6-Dinitro-o-cresol	ND		ug/kg	650	120	1
Pentachlorophenol	ND		ug/kg	200	55.	1
Phenol	ND		ug/kg	250	38.	1
2-Methylphenol	ND		ug/kg	250	39.	1
3-Methylphenol/4-Methylphenol	59	J	ug/kg	360	39.	1
2,4,5-Trichlorophenol	ND		ug/kg	250	48.	1
Carbazole	ND		ug/kg	250	24.	1
Atrazine	ND		ug/kg	200	88.	1
Benzaldehyde	ND		ug/kg	330	68.	1

Project Name: JMA ADDITIONAL INVESTIGATION**Lab Number:** L2331318**Project Number:** 059294**Report Date:** 07/05/23**SAMPLE RESULTS****Lab ID:** L2331318-04**Date Collected:** 06/05/23 16:00**Client ID:** SOIL-103**Date Received:** 06/05/23**Sample Location:** 140 CORTLAND AVE, 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	250	76.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	250	50.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	65		25-120
Phenol-d6	61		10-120
Nitrobenzene-d5	67		23-120
2-Fluorobiphenyl	63		30-120
2,4,6-Tribromophenol	68		10-136
4-Terphenyl-d14	57		18-120

Project Name: JMA ADDITIONAL INVESTIGATION**Lab Number:** L2331318**Project Number:** 059294**Report Date:** 07/05/23**SAMPLE RESULTS**

Lab ID: L2331318-05
 Client ID: SOIL-104
 Sample Location: 140 CORTLAND AVE, SYRACUSE, NY

Date Collected: 06/05/23 16:30
 Date Received: 06/05/23
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270E
 Analytical Date: 06/15/23 17:18
 Analyst: SLR
 Percent Solids: 63%

Extraction Method: EPA 3546
 Extraction Date: 06/08/23 23:48

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	210	27.	1
Hexachlorobenzene	ND		ug/kg	160	29.	1
Bis(2-chloroethyl)ether	ND		ug/kg	240	36.	1
2-Chloronaphthalene	ND		ug/kg	260	26.	1
3,3'-Dichlorobenzidine	ND		ug/kg	260	70.	1
2,4-Dinitrotoluene	ND		ug/kg	260	52.	1
2,6-Dinitrotoluene	ND		ug/kg	260	45.	1
Fluoranthene	38	J	ug/kg	160	30.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	260	28.	1
4-Bromophenyl phenyl ether	ND		ug/kg	260	40.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	310	45.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	280	26.	1
Hexachlorobutadiene	ND		ug/kg	260	38.	1
Hexachlorocyclopentadiene	ND		ug/kg	750	240	1
Hexachloroethane	ND		ug/kg	210	42.	1
Isophorone	ND		ug/kg	240	34.	1
Naphthalene	ND		ug/kg	260	32.	1
Nitrobenzene	ND		ug/kg	240	39.	1
NDPA/DPA	ND		ug/kg	210	30.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	260	40.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	260	91.	1
Butyl benzyl phthalate	ND		ug/kg	260	66.	1
Di-n-butylphthalate	ND		ug/kg	260	50.	1
Di-n-octylphthalate	ND		ug/kg	260	89.	1
Diethyl phthalate	ND		ug/kg	260	24.	1
Dimethyl phthalate	ND		ug/kg	260	55.	1
Benzo(a)anthracene	ND		ug/kg	160	30.	1
Benzo(a)pyrene	ND		ug/kg	210	64.	1

Project Name: JMA ADDITIONAL INVESTIGATION**Lab Number:** L2331318**Project Number:** 059294**Report Date:** 07/05/23**SAMPLE RESULTS**

Lab ID: L2331318-05
 Client ID: SOIL-104
 Sample Location: 140 CORTLAND AVE, SYRACUSE, NY

Date Collected: 06/05/23 16:30
 Date Received: 06/05/23
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(b)fluoranthene	ND		ug/kg	160	44.	1
Benzo(k)fluoranthene	ND		ug/kg	160	42.	1
Chrysene	ND		ug/kg	160	27.	1
Acenaphthylene	ND		ug/kg	210	40.	1
Anthracene	ND		ug/kg	160	51.	1
Benzo(ghi)perylene	ND		ug/kg	210	31.	1
Fluorene	ND		ug/kg	260	25.	1
Phenanthrene	33	J	ug/kg	160	32.	1
Dibenzo(a,h)anthracene	ND		ug/kg	160	30.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	210	36.	1
Pyrene	32	J	ug/kg	160	26.	1
Biphenyl	ND		ug/kg	600	34.	1
4-Chloroaniline	ND		ug/kg	260	48.	1
2-Nitroaniline	ND		ug/kg	260	50.	1
3-Nitroaniline	ND		ug/kg	260	49.	1
4-Nitroaniline	ND		ug/kg	260	110	1
Dibenzofuran	ND		ug/kg	260	25.	1
2-Methylnaphthalene	ND		ug/kg	310	32.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	260	27.	1
Acetophenone	ND		ug/kg	260	32.	1
2,4,6-Trichlorophenol	ND		ug/kg	160	50.	1
p-Chloro-m-cresol	ND		ug/kg	260	39.	1
2-Chlorophenol	ND		ug/kg	260	31.	1
2,4-Dichlorophenol	ND		ug/kg	240	42.	1
2,4-Dimethylphenol	ND		ug/kg	260	86.	1
2-Nitrophenol	ND		ug/kg	570	99.	1
4-Nitrophenol	ND		ug/kg	370	110	1
2,4-Dinitrophenol	ND		ug/kg	1200	120	1
4,6-Dinitro-o-cresol	ND		ug/kg	680	120	1
Pentachlorophenol	ND		ug/kg	210	58.	1
Phenol	ND		ug/kg	260	40.	1
2-Methylphenol	ND		ug/kg	260	41.	1
3-Methylphenol/4-Methylphenol	49	J	ug/kg	380	41.	1
2,4,5-Trichlorophenol	ND		ug/kg	260	50.	1
Carbazole	ND		ug/kg	260	25.	1
Atrazine	ND		ug/kg	210	92.	1
Benzaldehyde	ND		ug/kg	350	71.	1

Project Name: JMA ADDITIONAL INVESTIGATION**Lab Number:** L2331318**Project Number:** 059294**Report Date:** 07/05/23**SAMPLE RESULTS****Lab ID:** L2331318-05**Date Collected:** 06/05/23 16:30**Client ID:** SOIL-104**Date Received:** 06/05/23**Sample Location:** 140 CORTLAND AVE, 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	260	80.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	260	53.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	82		25-120
Phenol-d6	76		10-120
Nitrobenzene-d5	79		23-120
2-Fluorobiphenyl	77		30-120
2,4,6-Tribromophenol	83		10-136
4-Terphenyl-d14	68		18-120

Project Name: JMA ADDITIONAL INVESTIGATION**Lab Number:** L2331318**Project Number:** 059294**Report Date:** 07/05/23**SAMPLE RESULTS**

Lab ID: L2331318-06
 Client ID: SOIL-105
 Sample Location: 140 CORTLAND AVE, SYRACUSE, NY

Date Collected: 06/06/23 08:35
 Date Received: 06/06/23
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270E
 Analytical Date: 06/15/23 17:36
 Analyst: SLR
 Percent Solids: 84%

Extraction Method: EPA 3546
 Extraction Date: 06/08/23 23:48

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	160	20.	1
Hexachlorobenzene	ND		ug/kg	120	22.	1
Bis(2-chloroethyl)ether	ND		ug/kg	180	26.	1
2-Chloronaphthalene	ND		ug/kg	190	19.	1
3,3'-Dichlorobenzidine	ND		ug/kg	190	52.	1
2,4-Dinitrotoluene	ND		ug/kg	190	39.	1
2,6-Dinitrotoluene	ND		ug/kg	190	33.	1
Fluoranthene	1300		ug/kg	120	22.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	190	21.	1
4-Bromophenyl phenyl ether	ND		ug/kg	190	30.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	230	33.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	210	20.	1
Hexachlorobutadiene	ND		ug/kg	190	28.	1
Hexachlorocyclopentadiene	ND		ug/kg	560	180	1
Hexachloroethane	ND		ug/kg	160	32.	1
Isophorone	ND		ug/kg	180	25.	1
Naphthalene	32	J	ug/kg	190	24.	1
Nitrobenzene	ND		ug/kg	180	29.	1
NDPA/DPA	ND		ug/kg	160	22.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	190	30.	1
Bis(2-ethylhexyl)phthalate	75	J	ug/kg	190	67.	1
Butyl benzyl phthalate	ND		ug/kg	190	49.	1
Di-n-butylphthalate	ND		ug/kg	190	37.	1
Di-n-octylphthalate	ND		ug/kg	190	66.	1
Diethyl phthalate	ND		ug/kg	190	18.	1
Dimethyl phthalate	ND		ug/kg	190	41.	1
Benzo(a)anthracene	670		ug/kg	120	22.	1
Benzo(a)pyrene	530		ug/kg	160	48.	1

Project Name: JMA ADDITIONAL INVESTIGATION**Lab Number:** L2331318**Project Number:** 059294**Report Date:** 07/05/23**SAMPLE RESULTS****Lab ID:** L2331318-06**Date Collected:** 06/06/23 08:35**Client ID:** SOIL-105**Date Received:** 06/06/23**Sample Location:** 140 CORTLAND AVE, 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	680		ug/kg	120	33.	1
Benzo(k)fluoranthene	310		ug/kg	120	31.	1
Chrysene	540		ug/kg	120	20.	1
Acenaphthylene	160		ug/kg	160	30.	1
Anthracene	220		ug/kg	120	38.	1
Benzo(ghi)perylene	260		ug/kg	160	23.	1
Fluorene	60	J	ug/kg	190	19.	1
Phenanthrene	1200		ug/kg	120	24.	1
Dibenzo(a,h)anthracene	89	J	ug/kg	120	22.	1
Indeno(1,2,3-cd)pyrene	270		ug/kg	160	27.	1
Pyrene	1100		ug/kg	120	19.	1
Biphenyl	ND		ug/kg	440	25.	1
4-Chloroaniline	ND		ug/kg	190	35.	1
2-Nitroaniline	ND		ug/kg	190	38.	1
3-Nitroaniline	ND		ug/kg	190	37.	1
4-Nitroaniline	ND		ug/kg	190	81.	1
Dibenzofuran	47	J	ug/kg	190	18.	1
2-Methylnaphthalene	ND		ug/kg	230	24.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	190	20.	1
Acetophenone	ND		ug/kg	190	24.	1
2,4,6-Trichlorophenol	ND		ug/kg	120	37.	1
p-Chloro-m-cresol	ND		ug/kg	190	29.	1
2-Chlorophenol	ND		ug/kg	190	23.	1
2,4-Dichlorophenol	ND		ug/kg	180	31.	1
2,4-Dimethylphenol	ND		ug/kg	190	64.	1
2-Nitrophenol	ND		ug/kg	420	73.	1
4-Nitrophenol	ND		ug/kg	270	79.	1
2,4-Dinitrophenol	ND		ug/kg	930	91.	1
4,6-Dinitro-o-cresol	ND		ug/kg	510	93.	1
Pentachlorophenol	ND		ug/kg	160	43.	1
Phenol	ND		ug/kg	190	29.	1
2-Methylphenol	ND		ug/kg	190	30.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	280	30.	1
2,4,5-Trichlorophenol	ND		ug/kg	190	37.	1
Carbazole	130	J	ug/kg	190	19.	1
Atrazine	ND		ug/kg	160	68.	1
Benzaldehyde	ND		ug/kg	260	52.	1

Project Name: JMA ADDITIONAL INVESTIGATION**Lab Number:** L2331318**Project Number:** 059294**Report Date:** 07/05/23**SAMPLE RESULTS****Lab ID:** L2331318-06**Date Collected:** 06/06/23 08:35**Client ID:** SOIL-105**Date Received:** 06/06/23**Sample Location:** 140 CORTLAND AVE, 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	59.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	190	39.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	56		25-120
Phenol-d6	56		10-120
Nitrobenzene-d5	66		23-120
2-Fluorobiphenyl	63		30-120
2,4,6-Tribromophenol	59		10-136
4-Terphenyl-d14	56		18-120

Project Name: JMA ADDITIONAL INVESTIGATION**Lab Number:** L2331318**Project Number:** 059294**Report Date:** 07/05/23**SAMPLE RESULTS**

Lab ID: L2331318-07
 Client ID: SOIL-106
 Sample Location: 140 CORTLAND AVE, SYRACUSE, NY

Date Collected: 06/06/23 10:15
 Date Received: 06/06/23
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270E
 Analytical Date: 06/15/23 17:53
 Analyst: SLR
 Percent Solids: 85%

Extraction Method: EPA 3546
 Extraction Date: 06/08/23 23:48

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	150	20.	1
Hexachlorobenzene	ND		ug/kg	110	21.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	26.	1
2-Chloronaphthalene	ND		ug/kg	190	19.	1
3,3'-Dichlorobenzidine	ND		ug/kg	190	51.	1
2,4-Dinitrotoluene	ND		ug/kg	190	38.	1
2,6-Dinitrotoluene	ND		ug/kg	190	33.	1
Fluoranthene	1800		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	230	33.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	210	19.	1
Hexachlorobutadiene	ND		ug/kg	190	28.	1
Hexachlorocyclopentadiene	ND		ug/kg	550	170	1
Hexachloroethane	ND		ug/kg	150	31.	1
Isophorone	ND		ug/kg	170	25.	1
Naphthalene	36	J	ug/kg	190	23.	1
Nitrobenzene	ND		ug/kg	170	28.	1
NDPA/DPA	ND		ug/kg	150	22.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	190	30.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	190	66.	1
Butyl benzyl phthalate	ND		ug/kg	190	48.	1
Di-n-butylphthalate	ND		ug/kg	190	36.	1
Di-n-octylphthalate	ND		ug/kg	190	65.	1
Diethyl phthalate	ND		ug/kg	190	18.	1
Dimethyl phthalate	ND		ug/kg	190	40.	1
Benzo(a)anthracene	810		ug/kg	110	22.	1
Benzo(a)pyrene	650		ug/kg	150	47.	1

Project Name: JMA ADDITIONAL INVESTIGATION**Lab Number:** L2331318**Project Number:** 059294**Report Date:** 07/05/23**SAMPLE RESULTS****Lab ID:** L2331318-07**Date Collected:** 06/06/23 10:15**Client ID:** SOIL-106**Date Received:** 06/06/23**Sample Location:** 140 CORTLAND AVE, 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	720		ug/kg	110	32.	1
Benzo(k)fluoranthene	350		ug/kg	110	31.	1
Chrysene	680		ug/kg	110	20.	1
Acenaphthylene	270		ug/kg	150	30.	1
Anthracene	360		ug/kg	110	37.	1
Benzo(ghi)perylene	260		ug/kg	150	22.	1
Fluorene	38	J	ug/kg	190	19.	1
Phenanthrene	1600		ug/kg	110	23.	1
Dibenzo(a,h)anthracene	76	J	ug/kg	110	22.	1
Indeno(1,2,3-cd)pyrene	270		ug/kg	150	27.	1
Pyrene	1400		ug/kg	110	19.	1
Biphenyl	ND		ug/kg	440	25.	1
4-Chloroaniline	ND		ug/kg	190	35.	1
2-Nitroaniline	ND		ug/kg	190	37.	1
3-Nitroaniline	ND		ug/kg	190	36.	1
4-Nitroaniline	ND		ug/kg	190	79.	1
Dibenzofuran	110	J	ug/kg	190	18.	1
2-Methylnaphthalene	ND		ug/kg	230	23.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	190	20.	1
Acetophenone	ND		ug/kg	190	24.	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	23.	1
2,4-Dichlorophenol	ND		ug/kg	170	31.	1
2,4-Dimethylphenol	ND		ug/kg	190	63.	1
2-Nitrophenol	ND		ug/kg	410	72.	1
4-Nitrophenol	ND		ug/kg	270	78.	1
2,4-Dinitrophenol	ND		ug/kg	920	89.	1
4,6-Dinitro-o-cresol	ND		ug/kg	500	92.	1
Pentachlorophenol	ND		ug/kg	150	42.	1
Phenol	ND		ug/kg	190	29.	1
2-Methylphenol	ND		ug/kg	190	30.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	280	30.	1
2,4,5-Trichlorophenol	ND		ug/kg	190	37.	1
Carbazole	66	J	ug/kg	190	19.	1
Atrazine	ND		ug/kg	150	67.	1
Benzaldehyde	110	J	ug/kg	250	52.	1

Project Name: JMA ADDITIONAL INVESTIGATION**Lab Number:** L2331318**Project Number:** 059294**Report Date:** 07/05/23**SAMPLE RESULTS****Lab ID:** L2331318-07**Date Collected:** 06/06/23 10:15**Client ID:** SOIL-106**Date Received:** 06/06/23**Sample Location:** 140 CORTLAND AVE, 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	58.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	190	39.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	86		25-120
Phenol-d6	80		10-120
Nitrobenzene-d5	94		23-120
2-Fluorobiphenyl	83		30-120
2,4,6-Tribromophenol	84		10-136
4-Terphenyl-d14	70		18-120

Project Name: JMA ADDITIONAL INVESTIGATION**Lab Number:** L2331318**Project Number:** 059294**Report Date:** 07/05/23**SAMPLE RESULTS**

Lab ID: L2331318-08
 Client ID: SOIL-107
 Sample Location: 140 CORTLAND AVE, SYRACUSE, NY

Date Collected: 06/06/23 11:20
 Date Received: 06/06/23
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270E
 Analytical Date: 06/15/23 18:11
 Analyst: SLR
 Percent Solids: 73%

Extraction Method: EPA 3546
 Extraction Date: 06/08/23 23:48

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	180	23.	1
Hexachlorobenzene	ND		ug/kg	130	25.	1
Bis(2-chloroethyl)ether	ND		ug/kg	200	30.	1
2-Chloronaphthalene	ND		ug/kg	220	22.	1
3,3'-Dichlorobenzidine	ND		ug/kg	220	59.	1
2,4-Dinitrotoluene	ND		ug/kg	220	45.	1
2,6-Dinitrotoluene	ND		ug/kg	220	38.	1
Fluoranthene	ND		ug/kg	130	26.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	220	24.	1
4-Bromophenyl phenyl ether	ND		ug/kg	220	34.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	270	38.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	240	22.	1
Hexachlorobutadiene	ND		ug/kg	220	33.	1
Hexachlorocyclopentadiene	ND		ug/kg	640	200	1
Hexachloroethane	ND		ug/kg	180	36.	1
Isophorone	ND		ug/kg	200	29.	1
Naphthalene	ND		ug/kg	220	27.	1
Nitrobenzene	ND		ug/kg	200	33.	1
NDPA/DPA	ND		ug/kg	180	25.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	220	34.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	220	77.	1
Butyl benzyl phthalate	ND		ug/kg	220	56.	1
Di-n-butylphthalate	ND		ug/kg	220	42.	1
Di-n-octylphthalate	ND		ug/kg	220	76.	1
Diethyl phthalate	ND		ug/kg	220	21.	1
Dimethyl phthalate	ND		ug/kg	220	47.	1
Benzo(a)anthracene	ND		ug/kg	130	25.	1
Benzo(a)pyrene	ND		ug/kg	180	54.	1

Project Name: JMA ADDITIONAL INVESTIGATION**Lab Number:** L2331318**Project Number:** 059294**Report Date:** 07/05/23**SAMPLE RESULTS**

Lab ID: L2331318-08
 Client ID: SOIL-107
 Sample Location: 140 CORTLAND AVE, SYRACUSE, NY

Date Collected: 06/06/23 11:20
 Date Received: 06/06/23
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(b)fluoranthene	ND		ug/kg	130	38.	1
Benzo(k)fluoranthene	ND		ug/kg	130	36.	1
Chrysene	ND		ug/kg	130	23.	1
Acenaphthylene	ND		ug/kg	180	34.	1
Anthracene	ND		ug/kg	130	44.	1
Benzo(ghi)perylene	ND		ug/kg	180	26.	1
Fluorene	ND		ug/kg	220	22.	1
Phenanthrene	ND		ug/kg	130	27.	1
Dibenzo(a,h)anthracene	ND		ug/kg	130	26.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	180	31.	1
Pyrene	ND		ug/kg	130	22.	1
Biphenyl	ND		ug/kg	510	29.	1
4-Chloroaniline	ND		ug/kg	220	41.	1
2-Nitroaniline	ND		ug/kg	220	43.	1
3-Nitroaniline	ND		ug/kg	220	42.	1
4-Nitroaniline	ND		ug/kg	220	92.	1
Dibenzofuran	ND		ug/kg	220	21.	1
2-Methylnaphthalene	ND		ug/kg	270	27.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	220	23.	1
Acetophenone	ND		ug/kg	220	28.	1
2,4,6-Trichlorophenol	ND		ug/kg	130	42.	1
p-Chloro-m-cresol	ND		ug/kg	220	33.	1
2-Chlorophenol	ND		ug/kg	220	26.	1
2,4-Dichlorophenol	ND		ug/kg	200	36.	1
2,4-Dimethylphenol	ND		ug/kg	220	74.	1
2-Nitrophenol	ND		ug/kg	480	84.	1
4-Nitrophenol	ND		ug/kg	310	91.	1
2,4-Dinitrophenol	ND		ug/kg	1100	100	1
4,6-Dinitro-o-cresol	ND		ug/kg	580	110	1
Pentachlorophenol	ND		ug/kg	180	49.	1
Phenol	ND		ug/kg	220	34.	1
2-Methylphenol	ND		ug/kg	220	35.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	320	35.	1
2,4,5-Trichlorophenol	ND		ug/kg	220	43.	1
Carbazole	ND		ug/kg	220	22.	1
Atrazine	ND		ug/kg	180	78.	1
Benzaldehyde	ND		ug/kg	300	60.	1

Project Name: JMA ADDITIONAL INVESTIGATION**Lab Number:** L2331318**Project Number:** 059294**Report Date:** 07/05/23**SAMPLE RESULTS**

Lab ID: L2331318-08

Date Collected: 06/06/23 11:20

Client ID: SOIL-107

Date Received: 06/06/23

Sample Location: 140 CORTLAND AVE, 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	220	68.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	220	45.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	78		25-120
Phenol-d6	74		10-120
Nitrobenzene-d5	76		23-120
2-Fluorobiphenyl	70		30-120
2,4,6-Tribromophenol	73		10-136
4-Terphenyl-d14	62		18-120

Project Name: JMA ADDITIONAL INVESTIGATION**Lab Number:** L2331318**Project Number:** 059294**Report Date:** 07/05/23**SAMPLE RESULTS**

Lab ID: L2331318-09
 Client ID: SOIL-108
 Sample Location: 140 CORTLAND AVE, SYRACUSE, NY

Date Collected: 06/06/23 12:00
 Date Received: 06/06/23
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270E
 Analytical Date: 06/15/23 18:29
 Analyst: SLR
 Percent Solids: 76%

Extraction Method: EPA 3546
 Extraction Date: 06/08/23 23:48

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	170	22.	1
Hexachlorobenzene	ND		ug/kg	130	24.	1
Bis(2-chloroethyl)ether	ND		ug/kg	200	29.	1
2-Chloronaphthalene	ND		ug/kg	220	22.	1
3,3'-Dichlorobenzidine	ND		ug/kg	220	58.	1
2,4-Dinitrotoluene	ND		ug/kg	220	43.	1
2,6-Dinitrotoluene	ND		ug/kg	220	37.	1
Fluoranthene	ND		ug/kg	130	25.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	220	23.	1
4-Bromophenyl phenyl ether	ND		ug/kg	220	33.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	260	37.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	230	22.	1
Hexachlorobutadiene	ND		ug/kg	220	32.	1
Hexachlorocyclopentadiene	ND		ug/kg	620	200	1
Hexachloroethane	ND		ug/kg	170	35.	1
Isophorone	ND		ug/kg	200	28.	1
Naphthalene	ND		ug/kg	220	26.	1
Nitrobenzene	ND		ug/kg	200	32.	1
NDPA/DPA	ND		ug/kg	170	25.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	220	34.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	220	75.	1
Butyl benzyl phthalate	ND		ug/kg	220	55.	1
Di-n-butylphthalate	ND		ug/kg	220	41.	1
Di-n-octylphthalate	ND		ug/kg	220	74.	1
Diethyl phthalate	ND		ug/kg	220	20.	1
Dimethyl phthalate	ND		ug/kg	220	46.	1
Benzo(a)anthracene	ND		ug/kg	130	24.	1
Benzo(a)pyrene	ND		ug/kg	170	53.	1

Project Name: JMA ADDITIONAL INVESTIGATION**Lab Number:** L2331318**Project Number:** 059294**Report Date:** 07/05/23**SAMPLE RESULTS**

Lab ID: L2331318-09
 Client ID: SOIL-108
 Sample Location: 140 CORTLAND AVE, SYRACUSE, NY

Date Collected: 06/06/23 12:00
 Date Received: 06/06/23
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(b)fluoranthene	ND		ug/kg	130	36.	1
Benzo(k)fluoranthene	ND		ug/kg	130	35.	1
Chrysene	ND		ug/kg	130	22.	1
Acenaphthylene	ND		ug/kg	170	34.	1
Anthracene	ND		ug/kg	130	42.	1
Benzo(ghi)perylene	ND		ug/kg	170	26.	1
Fluorene	ND		ug/kg	220	21.	1
Phenanthrene	ND		ug/kg	130	26.	1
Dibenzo(a,h)anthracene	ND		ug/kg	130	25.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	170	30.	1
Pyrene	ND		ug/kg	130	22.	1
Biphenyl	ND		ug/kg	490	28.	1
4-Chloroaniline	ND		ug/kg	220	40.	1
2-Nitroaniline	ND		ug/kg	220	42.	1
3-Nitroaniline	ND		ug/kg	220	41.	1
4-Nitroaniline	ND		ug/kg	220	90.	1
Dibenzofuran	ND		ug/kg	220	20.	1
2-Methylnaphthalene	ND		ug/kg	260	26.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	220	23.	1
Acetophenone	ND		ug/kg	220	27.	1
2,4,6-Trichlorophenol	ND		ug/kg	130	41.	1
p-Chloro-m-cresol	ND		ug/kg	220	32.	1
2-Chlorophenol	ND		ug/kg	220	26.	1
2,4-Dichlorophenol	ND		ug/kg	200	35.	1
2,4-Dimethylphenol	ND		ug/kg	220	72.	1
2-Nitrophenol	ND		ug/kg	470	82.	1
4-Nitrophenol	ND		ug/kg	300	88.	1
2,4-Dinitrophenol	ND		ug/kg	1000	100	1
4,6-Dinitro-o-cresol	ND		ug/kg	560	100	1
Pentachlorophenol	ND		ug/kg	170	48.	1
Phenol	ND		ug/kg	220	33.	1
2-Methylphenol	ND		ug/kg	220	34.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	310	34.	1
2,4,5-Trichlorophenol	ND		ug/kg	220	42.	1
Carbazole	ND		ug/kg	220	21.	1
Atrazine	ND		ug/kg	170	76.	1
Benzaldehyde	ND		ug/kg	290	59.	1

Project Name: JMA ADDITIONAL INVESTIGATION**Lab Number:** L2331318**Project Number:** 059294**Report Date:** 07/05/23**SAMPLE RESULTS****Lab ID:** L2331318-09**Date Collected:** 06/06/23 12:00**Client ID:** SOIL-108**Date Received:** 06/06/23**Sample Location:** 140 CORTLAND AVE, 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	220	66.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	220	44.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	62		25-120
Phenol-d6	62		10-120
Nitrobenzene-d5	65		23-120
2-Fluorobiphenyl	64		30-120
2,4,6-Tribromophenol	64		10-136
4-Terphenyl-d14	60		18-120

Project Name: JMA ADDITIONAL INVESTIGATION**Lab Number:** L2331318**Project Number:** 059294**Report Date:** 07/05/23**SAMPLE RESULTS**

Lab ID: L2331318-10
 Client ID: SOIL-109
 Sample Location: 140 CORTLAND AVE, SYRACUSE, NY

Date Collected: 06/06/23 14:10
 Date Received: 06/06/23
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270E
 Analytical Date: 06/15/23 18:46
 Analyst: SLR
 Percent Solids: 61%

Extraction Method: EPA 3546
 Extraction Date: 06/08/23 23:48

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	220	28.	1
Hexachlorobenzene	ND		ug/kg	160	30.	1
Bis(2-chloroethyl)ether	ND		ug/kg	240	36.	1
2-Chloronaphthalene	ND		ug/kg	270	27.	1
3,3'-Dichlorobenzidine	ND		ug/kg	270	72.	1
2,4-Dinitrotoluene	ND		ug/kg	270	54.	1
2,6-Dinitrotoluene	ND		ug/kg	270	46.	1
Fluoranthene	ND		ug/kg	160	31.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	270	29.	1
4-Bromophenyl phenyl ether	ND		ug/kg	270	41.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	320	46.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	290	27.	1
Hexachlorobutadiene	ND		ug/kg	270	39.	1
Hexachlorocyclopentadiene	ND		ug/kg	770	240	1
Hexachloroethane	ND		ug/kg	220	44.	1
Isophorone	ND		ug/kg	240	35.	1
Naphthalene	ND		ug/kg	270	33.	1
Nitrobenzene	ND		ug/kg	240	40.	1
NDPA/DPA	ND		ug/kg	220	31.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	270	42.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	270	93.	1
Butyl benzyl phthalate	ND		ug/kg	270	68.	1
Di-n-butylphthalate	ND		ug/kg	270	51.	1
Di-n-octylphthalate	ND		ug/kg	270	91.	1
Diethyl phthalate	ND		ug/kg	270	25.	1
Dimethyl phthalate	ND		ug/kg	270	56.	1
Benzo(a)anthracene	ND		ug/kg	160	30.	1
Benzo(a)pyrene	ND		ug/kg	220	66.	1

Project Name: JMA ADDITIONAL INVESTIGATION**Lab Number:** L2331318**Project Number:** 059294**Report Date:** 07/05/23**SAMPLE RESULTS**

Lab ID: L2331318-10
 Client ID: SOIL-109
 Sample Location: 140 CORTLAND AVE, SYRACUSE, NY

Date Collected: 06/06/23 14:10
 Date Received: 06/06/23
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(b)fluoranthene	ND		ug/kg	160	45.	1
Benzo(k)fluoranthene	ND		ug/kg	160	43.	1
Chrysene	ND		ug/kg	160	28.	1
Acenaphthylene	ND		ug/kg	220	42.	1
Anthracene	ND		ug/kg	160	52.	1
Benzo(ghi)perylene	ND		ug/kg	220	32.	1
Fluorene	ND		ug/kg	270	26.	1
Phenanthrene	ND		ug/kg	160	33.	1
Dibenzo(a,h)anthracene	ND		ug/kg	160	31.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	220	38.	1
Pyrene	ND		ug/kg	160	27.	1
Biphenyl	ND		ug/kg	610	35.	1
4-Chloroaniline	ND		ug/kg	270	49.	1
2-Nitroaniline	ND		ug/kg	270	52.	1
3-Nitroaniline	ND		ug/kg	270	51.	1
4-Nitroaniline	ND		ug/kg	270	110	1
Dibenzofuran	ND		ug/kg	270	25.	1
2-Methylnaphthalene	ND		ug/kg	320	32.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	270	28.	1
Acetophenone	ND		ug/kg	270	33.	1
2,4,6-Trichlorophenol	ND		ug/kg	160	51.	1
p-Chloro-m-cresol	ND		ug/kg	270	40.	1
2-Chlorophenol	ND		ug/kg	270	32.	1
2,4-Dichlorophenol	ND		ug/kg	240	43.	1
2,4-Dimethylphenol	ND		ug/kg	270	89.	1
2-Nitrophenol	ND		ug/kg	580	100	1
4-Nitrophenol	ND		ug/kg	380	110	1
2,4-Dinitrophenol	ND		ug/kg	1300	120	1
4,6-Dinitro-o-cresol	ND		ug/kg	700	130	1
Pentachlorophenol	ND		ug/kg	220	59.	1
Phenol	ND		ug/kg	270	41.	1
2-Methylphenol	ND		ug/kg	270	42.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	390	42.	1
2,4,5-Trichlorophenol	ND		ug/kg	270	52.	1
Carbazole	ND		ug/kg	270	26.	1
Atrazine	ND		ug/kg	220	94.	1
Benzaldehyde	ND		ug/kg	360	73.	1

Project Name: JMA ADDITIONAL INVESTIGATION**Lab Number:** L2331318**Project Number:** 059294**Report Date:** 07/05/23**SAMPLE RESULTS****Lab ID:** L2331318-10**Date Collected:** 06/06/23 14:10**Client ID:** SOIL-109**Date Received:** 06/06/23**Sample Location:** 140 CORTLAND AVE, 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	270	82.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	270	54.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	68		25-120
Phenol-d6	60		10-120
Nitrobenzene-d5	67		23-120
2-Fluorobiphenyl	58		30-120
2,4,6-Tribromophenol	65		10-136
4-Terphenyl-d14	53		18-120

Project Name: JMA ADDITIONAL INVESTIGATION**Lab Number:** L2331318**Project Number:** 059294**Report Date:** 07/05/23**SAMPLE RESULTS**

Lab ID: L2331318-11
 Client ID: SOIL-110
 Sample Location: 140 CORTLAND AVE, SYRACUSE, NY

Date Collected: 06/06/23 14:50
 Date Received: 06/06/23
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270E
 Analytical Date: 06/15/23 19:04
 Analyst: SLR
 Percent Solids: 70%

Extraction Method: EPA 3546
 Extraction Date: 06/08/23 23:48

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	210		ug/kg	190	24.	1
Hexachlorobenzene	ND		ug/kg	140	26.	1
Bis(2-chloroethyl)ether	ND		ug/kg	210	32.	1
2-Chloronaphthalene	ND		ug/kg	240	24.	1
3,3'-Dichlorobenzidine	ND		ug/kg	240	63.	1
2,4-Dinitrotoluene	ND		ug/kg	240	47.	1
2,6-Dinitrotoluene	ND		ug/kg	240	41.	1
Fluoranthene	240		ug/kg	140	27.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	240	25.	1
4-Bromophenyl phenyl ether	ND		ug/kg	240	36.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	280	40.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	260	24.	1
Hexachlorobutadiene	ND		ug/kg	240	35.	1
Hexachlorocyclopentadiene	ND		ug/kg	680	210	1
Hexachloroethane	ND		ug/kg	190	38.	1
Isophorone	ND		ug/kg	210	31.	1
Naphthalene	35	J	ug/kg	240	29.	1
Nitrobenzene	ND		ug/kg	210	35.	1
NDPA/DPA	ND		ug/kg	190	27.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	240	37.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	240	82.	1
Butyl benzyl phthalate	ND		ug/kg	240	60.	1
Di-n-butylphthalate	ND		ug/kg	240	45.	1
Di-n-octylphthalate	ND		ug/kg	240	81.	1
Diethyl phthalate	ND		ug/kg	240	22.	1
Dimethyl phthalate	ND		ug/kg	240	50.	1
Benzo(a)anthracene	270		ug/kg	140	27.	1
Benzo(a)pyrene	220		ug/kg	190	58.	1

Project Name: JMA ADDITIONAL INVESTIGATION**Lab Number:** L2331318**Project Number:** 059294**Report Date:** 07/05/23**SAMPLE RESULTS**

Lab ID: L2331318-11
 Client ID: SOIL-110
 Sample Location: 140 CORTLAND AVE, SYRACUSE, NY

Date Collected: 06/06/23 14:50
 Date Received: 06/06/23
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(b)fluoranthene	170		ug/kg	140	40.	1
Benzo(k)fluoranthene	ND		ug/kg	140	38.	1
Chrysene	560		ug/kg	140	25.	1
Acenaphthylene	69	J	ug/kg	190	37.	1
Anthracene	220		ug/kg	140	46.	1
Benzo(ghi)perylene	100	J	ug/kg	190	28.	1
Fluorene	360		ug/kg	240	23.	1
Phenanthrene	310		ug/kg	140	29.	1
Dibenzo(a,h)anthracene	40	J	ug/kg	140	27.	1
Indeno(1,2,3-cd)pyrene	52	J	ug/kg	190	33.	1
Pyrene	530		ug/kg	140	24.	1
Biphenyl	ND		ug/kg	540	31.	1
4-Chloroaniline	ND		ug/kg	240	43.	1
2-Nitroaniline	ND		ug/kg	240	46.	1
3-Nitroaniline	ND		ug/kg	240	45.	1
4-Nitroaniline	ND		ug/kg	240	98.	1
Dibenzofuran	120	J	ug/kg	240	22.	1
2-Methylnaphthalene	83	J	ug/kg	280	29.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	240	25.	1
Acetophenone	ND		ug/kg	240	29.	1
2,4,6-Trichlorophenol	ND		ug/kg	140	45.	1
p-Chloro-m-cresol	ND		ug/kg	240	35.	1
2-Chlorophenol	ND		ug/kg	240	28.	1
2,4-Dichlorophenol	ND		ug/kg	210	38.	1
2,4-Dimethylphenol	ND		ug/kg	240	78.	1
2-Nitrophenol	ND		ug/kg	510	89.	1
4-Nitrophenol	ND		ug/kg	330	97.	1
2,4-Dinitrophenol	ND		ug/kg	1100	110	1
4,6-Dinitro-o-cresol	ND		ug/kg	620	110	1
Pentachlorophenol	ND		ug/kg	190	52.	1
Phenol	ND		ug/kg	240	36.	1
2-Methylphenol	ND		ug/kg	240	37.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	340	37.	1
2,4,5-Trichlorophenol	ND		ug/kg	240	45.	1
Carbazole	ND		ug/kg	240	23.	1
Atrazine	ND		ug/kg	190	83.	1
Benzaldehyde	ND		ug/kg	310	64.	1

Project Name: JMA ADDITIONAL INVESTIGATION**Lab Number:** L2331318**Project Number:** 059294**Report Date:** 07/05/23**SAMPLE RESULTS****Lab ID:** L2331318-11**Date Collected:** 06/06/23 14:50**Client ID:** SOIL-110**Date Received:** 06/06/23**Sample Location:** 140 CORTLAND AVE, 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	240	72.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	240	48.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	66		25-120
Phenol-d6	63		10-120
Nitrobenzene-d5	80		23-120
2-Fluorobiphenyl	67		30-120
2,4,6-Tribromophenol	55		10-136
4-Terphenyl-d14	61		18-120

Project Name: JMA ADDITIONAL INVESTIGATION**Lab Number:** L2331318**Project Number:** 059294**Report Date:** 07/05/23**SAMPLE RESULTS**

Lab ID: L2331318-12
 Client ID: SOIL-111
 Sample Location: 140 CORTLAND AVE, SYRACUSE, NY

Date Collected: 06/06/23 16:00
 Date Received: 06/06/23
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270E
 Analytical Date: 06/15/23 19:21
 Analyst: SLR
 Percent Solids: 73%

Extraction Method: EPA 3546
 Extraction Date: 06/08/23 23:48

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	180	23.	1
Hexachlorobenzene	ND		ug/kg	130	25.	1
Bis(2-chloroethyl)ether	ND		ug/kg	200	30.	1
2-Chloronaphthalene	ND		ug/kg	220	22.	1
3,3'-Dichlorobenzidine	ND		ug/kg	220	60.	1
2,4-Dinitrotoluene	ND		ug/kg	220	45.	1
2,6-Dinitrotoluene	ND		ug/kg	220	38.	1
Fluoranthene	ND		ug/kg	130	26.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	220	24.	1
4-Bromophenyl phenyl ether	ND		ug/kg	220	34.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	270	38.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	240	22.	1
Hexachlorobutadiene	ND		ug/kg	220	33.	1
Hexachlorocyclopentadiene	ND		ug/kg	640	200	1
Hexachloroethane	ND		ug/kg	180	36.	1
Isophorone	ND		ug/kg	200	29.	1
Naphthalene	ND		ug/kg	220	27.	1
Nitrobenzene	ND		ug/kg	200	33.	1
NDPA/DPA	ND		ug/kg	180	26.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	220	35.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	220	78.	1
Butyl benzyl phthalate	ND		ug/kg	220	57.	1
Di-n-butylphthalate	ND		ug/kg	220	43.	1
Di-n-octylphthalate	ND		ug/kg	220	76.	1
Diethyl phthalate	ND		ug/kg	220	21.	1
Dimethyl phthalate	ND		ug/kg	220	47.	1
Benzo(a)anthracene	ND		ug/kg	130	25.	1
Benzo(a)pyrene	ND		ug/kg	180	55.	1

Project Name: JMA ADDITIONAL INVESTIGATION**Lab Number:** L2331318**Project Number:** 059294**Report Date:** 07/05/23**SAMPLE RESULTS****Lab ID:** L2331318-12**Date Collected:** 06/06/23 16:00**Client ID:** SOIL-111**Date Received:** 06/06/23**Sample Location:** 140 CORTLAND AVE, 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	ND		ug/kg	130	38.	1
Benzo(k)fluoranthene	ND		ug/kg	130	36.	1
Chrysene	ND		ug/kg	130	23.	1
Acenaphthylene	ND		ug/kg	180	35.	1
Anthracene	ND		ug/kg	130	44.	1
Benzo(ghi)perylene	ND		ug/kg	180	26.	1
Fluorene	ND		ug/kg	220	22.	1
Phenanthrene	ND		ug/kg	130	27.	1
Dibenzo(a,h)anthracene	ND		ug/kg	130	26.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	180	31.	1
Pyrene	ND		ug/kg	130	22.	1
Biphenyl	ND		ug/kg	510	29.	1
4-Chloroaniline	ND		ug/kg	220	41.	1
2-Nitroaniline	ND		ug/kg	220	43.	1
3-Nitroaniline	ND		ug/kg	220	42.	1
4-Nitroaniline	ND		ug/kg	220	93.	1
Dibenzofuran	ND		ug/kg	220	21.	1
2-Methylnaphthalene	ND		ug/kg	270	27.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	220	23.	1
Acetophenone	ND		ug/kg	220	28.	1
2,4,6-Trichlorophenol	ND		ug/kg	130	43.	1
p-Chloro-m-cresol	ND		ug/kg	220	33.	1
2-Chlorophenol	ND		ug/kg	220	26.	1
2,4-Dichlorophenol	ND		ug/kg	200	36.	1
2,4-Dimethylphenol	ND		ug/kg	220	74.	1
2-Nitrophenol	ND		ug/kg	480	84.	1
4-Nitrophenol	ND		ug/kg	310	92.	1
2,4-Dinitrophenol	ND		ug/kg	1100	100	1
4,6-Dinitro-o-cresol	ND		ug/kg	580	110	1
Pentachlorophenol	ND		ug/kg	180	49.	1
Phenol	ND		ug/kg	220	34.	1
2-Methylphenol	ND		ug/kg	220	35.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	320	35.	1
2,4,5-Trichlorophenol	ND		ug/kg	220	43.	1
Carbazole	ND		ug/kg	220	22.	1
Atrazine	ND		ug/kg	180	79.	1
Benzaldehyde	ND		ug/kg	300	61.	1

Project Name: JMA ADDITIONAL INVESTIGATION**Lab Number:** L2331318**Project Number:** 059294**Report Date:** 07/05/23**SAMPLE RESULTS****Lab ID:** L2331318-12**Date Collected:** 06/06/23 16:00**Client ID:** SOIL-111**Date Received:** 06/06/23**Sample Location:** 140 CORTLAND AVE, 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	220	68.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	220	45.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	149	Q	25-120
Phenol-d6	144	Q	10-120
Nitrobenzene-d5	139	Q	23-120
2-Fluorobiphenyl	137	Q	30-120
2,4,6-Tribromophenol	135		10-136
4-Terphenyl-d14	137	Q	18-120

Project Name: JMA ADDITIONAL INVESTIGATION**Lab Number:** L2331318**Project Number:** 059294**Report Date:** 07/05/23**SAMPLE RESULTS**

Lab ID: L2331318-13
 Client ID: SOIL-112
 Sample Location: 140 CORTLAND AVE, SYRACUSE, NY

Date Collected: 06/07/23 08:15
 Date Received: 06/07/23
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270E
 Analytical Date: 06/15/23 19:39
 Analyst: CMM
 Percent Solids: 75%

Extraction Method: EPA 3546
 Extraction Date: 06/08/23 23:48

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	670		ug/kg	170	23.	1
Hexachlorobenzene	ND		ug/kg	130	24.	1
Bis(2-chloroethyl)ether	ND		ug/kg	200	30.	1
2-Chloronaphthalene	ND		ug/kg	220	22.	1
3,3'-Dichlorobenzidine	ND		ug/kg	220	58.	1
2,4-Dinitrotoluene	ND		ug/kg	220	44.	1
2,6-Dinitrotoluene	ND		ug/kg	220	37.	1
Fluoranthene	12000	E	ug/kg	130	25.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	220	23.	1
4-Bromophenyl phenyl ether	ND		ug/kg	220	33.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	260	37.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	240	22.	1
Hexachlorobutadiene	ND		ug/kg	220	32.	1
Hexachlorocyclopentadiene	ND		ug/kg	620	200	1
Hexachloroethane	ND		ug/kg	170	35.	1
Isophorone	ND		ug/kg	200	28.	1
Naphthalene	480		ug/kg	220	27.	1
Nitrobenzene	ND		ug/kg	200	32.	1
NDPA/DPA	ND		ug/kg	170	25.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	220	34.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	220	76.	1
Butyl benzyl phthalate	ND		ug/kg	220	55.	1
Di-n-butylphthalate	ND		ug/kg	220	41.	1
Di-n-octylphthalate	ND		ug/kg	220	74.	1
Diethyl phthalate	ND		ug/kg	220	20.	1
Dimethyl phthalate	ND		ug/kg	220	46.	1
Benzo(a)anthracene	5400		ug/kg	130	24.	1
Benzo(a)pyrene	5800		ug/kg	170	53.	1

Project Name: JMA ADDITIONAL INVESTIGATION**Lab Number:** L2331318**Project Number:** 059294**Report Date:** 07/05/23**SAMPLE RESULTS****Lab ID:** L2331318-13**Date Collected:** 06/07/23 08:15**Client ID:** SOIL-112**Date Received:** 06/07/23**Sample Location:** 140 CORTLAND AVE, 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	6200		ug/kg	130	37.	1
Benzo(k)fluoranthene	1800		ug/kg	130	35.	1
Chrysene	4600		ug/kg	130	23.	1
Acenaphthylene	190		ug/kg	170	34.	1
Anthracene	1900		ug/kg	130	42.	1
Benzo(ghi)perylene	2400		ug/kg	170	26.	1
Fluorene	890		ug/kg	220	21.	1
Phenanthrene	7900		ug/kg	130	26.	1
Dibenzo(a,h)anthracene	600		ug/kg	130	25.	1
Indeno(1,2,3-cd)pyrene	2200		ug/kg	170	30.	1
Pyrene	11000	E	ug/kg	130	22.	1
Biphenyl	78	J	ug/kg	500	28.	1
4-Chloroaniline	ND		ug/kg	220	40.	1
2-Nitroaniline	ND		ug/kg	220	42.	1
3-Nitroaniline	ND		ug/kg	220	41.	1
4-Nitroaniline	ND		ug/kg	220	90.	1
Dibenzofuran	460		ug/kg	220	21.	1
2-Methylnaphthalene	120	J	ug/kg	260	26.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	220	23.	1
Acetophenone	ND		ug/kg	220	27.	1
2,4,6-Trichlorophenol	ND		ug/kg	130	41.	1
p-Chloro-m-cresol	ND		ug/kg	220	32.	1
2-Chlorophenol	ND		ug/kg	220	26.	1
2,4-Dichlorophenol	ND		ug/kg	200	35.	1
2,4-Dimethylphenol	ND		ug/kg	220	72.	1
2-Nitrophenol	ND		ug/kg	470	82.	1
4-Nitrophenol	ND		ug/kg	300	89.	1
2,4-Dinitrophenol	ND		ug/kg	1000	100	1
4,6-Dinitro-o-cresol	ND		ug/kg	570	100	1
Pentachlorophenol	ND		ug/kg	170	48.	1
Phenol	ND		ug/kg	220	33.	1
2-Methylphenol	ND		ug/kg	220	34.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	310	34.	1
2,4,5-Trichlorophenol	ND		ug/kg	220	42.	1
Carbazole	200	J	ug/kg	220	21.	1
Atrazine	ND		ug/kg	170	76.	1
Benzaldehyde	ND		ug/kg	290	59.	1

Project Name: JMA ADDITIONAL INVESTIGATION**Lab Number:** L2331318**Project Number:** 059294**Report Date:** 07/05/23**SAMPLE RESULTS****Lab ID:** L2331318-13**Date Collected:** 06/07/23 08:15**Client ID:** SOIL-112**Date Received:** 06/07/23**Sample Location:** 140 CORTLAND AVE, 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	220	66.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	220	44.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	67		25-120
Phenol-d6	76		10-120
Nitrobenzene-d5	153	Q	23-120
2-Fluorobiphenyl	75		30-120
2,4,6-Tribromophenol	66		10-136
4-Terphenyl-d14	71		18-120

Project Name: JMA ADDITIONAL INVESTIGATION**Project Number:** 059294**Lab Number:** L2331318**Report Date:** 07/05/23**SAMPLE RESULTS**

Lab ID: L2331318-13 D
Client ID: SOIL-112
Sample Location: 140 CORTLAND AVE, SYRACUSE, NY

Date Collected: 06/07/23 08:15
Date Received: 06/07/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 06/26/23 17:13
Analyst: JG
Percent Solids: 75%

Extraction Method: EPA 3546
Extraction Date: 06/08/23 23:48

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Semivolatile Organics by GC/MS - Westborough Lab

Fluoranthene	10000		ug/kg	660	120	5
Pyrene	9000		ug/kg	660	110	5

Project Name: JMA ADDITIONAL INVESTIGATION**Lab Number:** L2331318**Project Number:** 059294**Report Date:** 07/05/23**SAMPLE RESULTS**

Lab ID: L2331318-14
 Client ID: SOIL-113
 Sample Location: 140 CORTLAND AVE, SYRACUSE, NY

Date Collected: 06/07/23 08:55
 Date Received: 06/07/23
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270E
 Analytical Date: 06/15/23 19:56
 Analyst: SLR
 Percent Solids: 84%

Extraction Method: EPA 3546
 Extraction Date: 06/08/23 23:48

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	160	20.	1
Hexachlorobenzene	ND		ug/kg	120	22.	1
Bis(2-chloroethyl)ether	ND		ug/kg	180	26.	1
2-Chloronaphthalene	ND		ug/kg	190	19.	1
3,3'-Dichlorobenzidine	ND		ug/kg	190	52.	1
2,4-Dinitrotoluene	ND		ug/kg	190	39.	1
2,6-Dinitrotoluene	ND		ug/kg	190	33.	1
Fluoranthene	ND		ug/kg	120	22.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	190	21.	1
4-Bromophenyl phenyl ether	ND		ug/kg	190	30.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	230	33.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	210	20.	1
Hexachlorobutadiene	ND		ug/kg	190	28.	1
Hexachlorocyclopentadiene	ND		ug/kg	560	180	1
Hexachloroethane	ND		ug/kg	160	32.	1
Isophorone	ND		ug/kg	180	25.	1
Naphthalene	ND		ug/kg	190	24.	1
Nitrobenzene	ND		ug/kg	180	29.	1
NDPA/DPA	ND		ug/kg	160	22.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	190	30.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	190	67.	1
Butyl benzyl phthalate	ND		ug/kg	190	49.	1
Di-n-butylphthalate	ND		ug/kg	190	37.	1
Di-n-octylphthalate	ND		ug/kg	190	66.	1
Diethyl phthalate	ND		ug/kg	190	18.	1
Dimethyl phthalate	ND		ug/kg	190	41.	1
Benzo(a)anthracene	ND		ug/kg	120	22.	1
Benzo(a)pyrene	ND		ug/kg	160	48.	1

Project Name: JMA ADDITIONAL INVESTIGATION**Lab Number:** L2331318**Project Number:** 059294**Report Date:** 07/05/23**SAMPLE RESULTS**

Lab ID: L2331318-14

Date Collected: 06/07/23 08:55

Client ID: SOIL-113

Date Received: 06/07/23

Sample Location: 140 CORTLAND AVE, 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	ND		ug/kg	120	33.	1
Benzo(k)fluoranthene	ND		ug/kg	120	31.	1
Chrysene	ND		ug/kg	120	20.	1
Acenaphthylene	ND		ug/kg	160	30.	1
Anthracene	ND		ug/kg	120	38.	1
Benzo(ghi)perylene	220		ug/kg	160	23.	1
Fluorene	ND		ug/kg	190	19.	1
Phenanthrene	ND		ug/kg	120	24.	1
Dibenzo(a,h)anthracene	24	J	ug/kg	120	22.	1
Indeno(1,2,3-cd)pyrene	120	J	ug/kg	160	27.	1
Pyrene	ND		ug/kg	120	19.	1
Biphenyl	ND		ug/kg	440	25.	1
4-Chloroaniline	ND		ug/kg	190	35.	1
2-Nitroaniline	ND		ug/kg	190	38.	1
3-Nitroaniline	ND		ug/kg	190	37.	1
4-Nitroaniline	ND		ug/kg	190	81.	1
Dibenzofuran	ND		ug/kg	190	18.	1
2-Methylnaphthalene	ND		ug/kg	230	24.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	190	20.	1
Acetophenone	ND		ug/kg	190	24.	1
2,4,6-Trichlorophenol	ND		ug/kg	120	37.	1
p-Chloro-m-cresol	ND		ug/kg	190	29.	1
2-Chlorophenol	ND		ug/kg	190	23.	1
2,4-Dichlorophenol	ND		ug/kg	180	31.	1
2,4-Dimethylphenol	ND		ug/kg	190	64.	1
2-Nitrophenol	ND		ug/kg	420	73.	1
4-Nitrophenol	ND		ug/kg	270	80.	1
2,4-Dinitrophenol	ND		ug/kg	940	91.	1
4,6-Dinitro-o-cresol	ND		ug/kg	510	94.	1
Pentachlorophenol	ND		ug/kg	160	43.	1
Phenol	ND		ug/kg	190	29.	1
2-Methylphenol	ND		ug/kg	190	30.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	280	30.	1
2,4,5-Trichlorophenol	ND		ug/kg	190	37.	1
Carbazole	ND		ug/kg	190	19.	1
Atrazine	ND		ug/kg	160	68.	1
Benzaldehyde	ND		ug/kg	260	53.	1

Project Name: JMA ADDITIONAL INVESTIGATION**Lab Number:** L2331318**Project Number:** 059294**Report Date:** 07/05/23**SAMPLE RESULTS****Lab ID:** L2331318-14**Date Collected:** 06/07/23 08:55**Client ID:** SOIL-113**Date Received:** 06/07/23**Sample Location:** 140 CORTLAND AVE, 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	59.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	190	39.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	58		25-120
Phenol-d6	59		10-120
Nitrobenzene-d5	60		23-120
2-Fluorobiphenyl	60		30-120
2,4,6-Tribromophenol	76		10-136
4-Terphenyl-d14	66		18-120

Project Name: JMA ADDITIONAL INVESTIGATION**Lab Number:** L2331318**Project Number:** 059294**Report Date:** 07/05/23**SAMPLE RESULTS**

Lab ID: L2331318-15
 Client ID: SOIL-114
 Sample Location: 140 CORTLAND AVE, SYRACUSE, NY

Date Collected: 06/07/23 10:10
 Date Received: 06/07/23
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270E
 Analytical Date: 06/25/23 19:41
 Analyst: IM
 Percent Solids: 61%

Extraction Method: EPA 3546
 Extraction Date: 06/08/23 23:48

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	220	28.	1
Hexachlorobenzene	ND		ug/kg	160	30.	1
Bis(2-chloroethyl)ether	ND		ug/kg	240	37.	1
2-Chloronaphthalene	ND		ug/kg	270	27.	1
3,3'-Dichlorobenzidine	ND		ug/kg	270	72.	1
2,4-Dinitrotoluene	ND		ug/kg	270	54.	1
2,6-Dinitrotoluene	ND		ug/kg	270	46.	1
Fluoranthene	41	J	ug/kg	160	31.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	270	29.	1
4-Bromophenyl phenyl ether	ND		ug/kg	270	41.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	320	46.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	290	27.	1
Hexachlorobutadiene	ND		ug/kg	270	40.	1
Hexachlorocyclopentadiene	ND		ug/kg	780	240	1
Hexachloroethane	ND		ug/kg	220	44.	1
Isophorone	ND		ug/kg	240	35.	1
Naphthalene	ND		ug/kg	270	33.	1
Nitrobenzene	ND		ug/kg	240	40.	1
NDPA/DPA	ND		ug/kg	220	31.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	270	42.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	270	94.	1
Butyl benzyl phthalate	ND		ug/kg	270	68.	1
Di-n-butylphthalate	ND		ug/kg	270	51.	1
Di-n-octylphthalate	ND		ug/kg	270	92.	1
Diethyl phthalate	ND		ug/kg	270	25.	1
Dimethyl phthalate	ND		ug/kg	270	57.	1
Benzo(a)anthracene	ND		ug/kg	160	30.	1
Benzo(a)pyrene	ND		ug/kg	220	66.	1

Project Name: JMA ADDITIONAL INVESTIGATION**Lab Number:** L2331318**Project Number:** 059294**Report Date:** 07/05/23**SAMPLE RESULTS**

Lab ID: L2331318-15
 Client ID: SOIL-114
 Sample Location: 140 CORTLAND AVE, SYRACUSE, NY

Date Collected: 06/07/23 10:10
 Date Received: 06/07/23
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(b)fluoranthene	ND		ug/kg	160	46.	1
Benzo(k)fluoranthene	ND		ug/kg	160	43.	1
Chrysene	ND		ug/kg	160	28.	1
Acenaphthylene	ND		ug/kg	220	42.	1
Anthracene	ND		ug/kg	160	53.	1
Benzo(ghi)perylene	ND		ug/kg	220	32.	1
Fluorene	ND		ug/kg	270	26.	1
Phenanthrene	ND		ug/kg	160	33.	1
Dibenzo(a,h)anthracene	ND		ug/kg	160	31.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	220	38.	1
Pyrene	37	J	ug/kg	160	27.	1
Biphenyl	ND		ug/kg	620	35.	1
4-Chloroaniline	ND		ug/kg	270	49.	1
2-Nitroaniline	ND		ug/kg	270	52.	1
3-Nitroaniline	ND		ug/kg	270	51.	1
4-Nitroaniline	ND		ug/kg	270	110	1
Dibenzofuran	ND		ug/kg	270	26.	1
2-Methylnaphthalene	ND		ug/kg	320	33.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	270	28.	1
Acetophenone	ND		ug/kg	270	34.	1
2,4,6-Trichlorophenol	ND		ug/kg	160	51.	1
p-Chloro-m-cresol	ND		ug/kg	270	40.	1
2-Chlorophenol	ND		ug/kg	270	32.	1
2,4-Dichlorophenol	ND		ug/kg	240	44.	1
2,4-Dimethylphenol	ND		ug/kg	270	89.	1
2-Nitrophenol	ND		ug/kg	580	100	1
4-Nitrophenol	ND		ug/kg	380	110	1
2,4-Dinitrophenol	ND		ug/kg	1300	130	1
4,6-Dinitro-o-cresol	ND		ug/kg	700	130	1
Pentachlorophenol	ND		ug/kg	220	60.	1
Phenol	ND		ug/kg	270	41.	1
2-Methylphenol	ND		ug/kg	270	42.	1
3-Methylphenol/4-Methylphenol	84	J	ug/kg	390	42.	1
2,4,5-Trichlorophenol	ND		ug/kg	270	52.	1
Carbazole	ND		ug/kg	270	26.	1
Atrazine	ND		ug/kg	220	95.	1
Benzaldehyde	ND		ug/kg	360	73.	1

Project Name: JMA ADDITIONAL INVESTIGATION**Lab Number:** L2331318**Project Number:** 059294**Report Date:** 07/05/23**SAMPLE RESULTS****Lab ID:** L2331318-15**Date Collected:** 06/07/23 10:10**Client ID:** SOIL-114**Date Received:** 06/07/23**Sample Location:** 140 CORTLAND AVE, 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	270	82.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	270	55.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	79		25-120
Phenol-d6	79		10-120
Nitrobenzene-d5	87		23-120
2-Fluorobiphenyl	75		30-120
2,4,6-Tribromophenol	86		10-136
4-Terphenyl-d14	77		18-120

Project Name: JMA ADDITIONAL INVESTIGATION**Lab Number:** L2331318**Project Number:** 059294**Report Date:** 07/05/23**SAMPLE RESULTS**

Lab ID: L2331318-16
 Client ID: SOIL-115
 Sample Location: 140 CORTLAND AVE, SYRACUSE, NY

Date Collected: 06/07/23 13:20
 Date Received: 06/07/23
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270E
 Analytical Date: 06/15/23 20:37
 Analyst: CMM
 Percent Solids: 56%

Extraction Method: EPA 3546
 Extraction Date: 06/08/23 23:48

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	240	31.	1
Hexachlorobenzene	ND		ug/kg	180	33.	1
Bis(2-chloroethyl)ether	ND		ug/kg	270	40.	1
2-Chloronaphthalene	ND		ug/kg	300	30.	1
3,3'-Dichlorobenzidine	ND		ug/kg	300	79.	1
2,4-Dinitrotoluene	ND		ug/kg	300	60.	1
2,6-Dinitrotoluene	ND		ug/kg	300	51.	1
Fluoranthene	170	J	ug/kg	180	34.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	300	32.	1
4-Bromophenyl phenyl ether	ND		ug/kg	300	46.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	360	51.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	320	30.	1
Hexachlorobutadiene	ND		ug/kg	300	44.	1
Hexachlorocyclopentadiene	ND		ug/kg	850	270	1
Hexachloroethane	ND		ug/kg	240	48.	1
Isophorone	ND		ug/kg	270	39.	1
Naphthalene	9700		ug/kg	300	36.	1
Nitrobenzene	ND		ug/kg	270	44.	1
NDPA/DPA	ND		ug/kg	240	34.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	300	46.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	300	100	1
Butyl benzyl phthalate	ND		ug/kg	300	75.	1
Di-n-butylphthalate	ND		ug/kg	300	57.	1
Di-n-octylphthalate	ND		ug/kg	300	100	1
Diethyl phthalate	ND		ug/kg	300	28.	1
Dimethyl phthalate	ND		ug/kg	300	63.	1
Benzo(a)anthracene	100	J	ug/kg	180	34.	1
Benzo(a)pyrene	82	J	ug/kg	240	73.	1

Project Name: JMA ADDITIONAL INVESTIGATION**Lab Number:** L2331318**Project Number:** 059294**Report Date:** 07/05/23**SAMPLE RESULTS**

Lab ID: L2331318-16

Date Collected: 06/07/23 13:20

Client ID: SOIL-115

Date Received: 06/07/23

Sample Location: 140 CORTLAND AVE, 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	110	J	ug/kg	180	50.	1
Benzo(k)fluoranthene	ND		ug/kg	180	48.	1
Chrysene	92	J	ug/kg	180	31.	1
Acenaphthylene	ND		ug/kg	240	46.	1
Anthracene	ND		ug/kg	180	58.	1
Benzo(ghi)perylene	93	J	ug/kg	240	35.	1
Fluorene	32	J	ug/kg	300	29.	1
Phenanthrene	160	J	ug/kg	180	36.	1
Dibenzo(a,h)anthracene	ND		ug/kg	180	34.	1
Indeno(1,2,3-cd)pyrene	69	J	ug/kg	240	42.	1
Pyrene	150	J	ug/kg	180	30.	1
Biphenyl	ND		ug/kg	680	39.	1
4-Chloroaniline	ND		ug/kg	300	54.	1
2-Nitroaniline	ND		ug/kg	300	58.	1
3-Nitroaniline	ND		ug/kg	300	56.	1
4-Nitroaniline	ND		ug/kg	300	120	1
Dibenzofuran	ND		ug/kg	300	28.	1
2-Methylnaphthalene	60	J	ug/kg	360	36.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	300	31.	1
Acetophenone	ND		ug/kg	300	37.	1
2,4,6-Trichlorophenol	ND		ug/kg	180	57.	1
p-Chloro-m-cresol	ND		ug/kg	300	44.	1
2-Chlorophenol	ND		ug/kg	300	35.	1
2,4-Dichlorophenol	ND		ug/kg	270	48.	1
2,4-Dimethylphenol	ND		ug/kg	300	98.	1
2-Nitrophenol	ND		ug/kg	640	110	1
4-Nitrophenol	ND		ug/kg	420	120	1
2,4-Dinitrophenol	ND		ug/kg	1400	140	1
4,6-Dinitro-o-cresol	ND		ug/kg	780	140	1
Pentachlorophenol	ND		ug/kg	240	66.	1
Phenol	ND		ug/kg	300	45.	1
2-Methylphenol	ND		ug/kg	300	46.	1
3-Methylphenol/4-Methylphenol	82	J	ug/kg	430	47.	1
2,4,5-Trichlorophenol	ND		ug/kg	300	57.	1
Carbazole	35	J	ug/kg	300	29.	1
Atrazine	ND		ug/kg	240	100	1
Benzaldehyde	ND		ug/kg	390	81.	1

Project Name: JMA ADDITIONAL INVESTIGATION**Lab Number:** L2331318**Project Number:** 059294**Report Date:** 07/05/23**SAMPLE RESULTS****Lab ID:** L2331318-16**Date Collected:** 06/07/23 13:20**Client ID:** SOIL-115**Date Received:** 06/07/23**Sample Location:** 140 CORTLAND AVE, 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	300	91.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	300	60.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	42		25-120
Phenol-d6	44		10-120
Nitrobenzene-d5	43		23-120
2-Fluorobiphenyl	45		30-120
2,4,6-Tribromophenol	44		10-136
4-Terphenyl-d14	38		18-120

Project Name: JMA ADDITIONAL INVESTIGATION**Lab Number:** L2331318**Project Number:** 059294**Report Date:** 07/05/23**SAMPLE RESULTS**

Lab ID: L2331318-17
 Client ID: SOIL-116
 Sample Location: 140 CORTLAND AVE, SYRACUSE, NY

Date Collected: 06/07/23 14:20
 Date Received: 06/07/23
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270E
 Analytical Date: 06/24/23 23:19
 Analyst: JG
 Percent Solids: 84%

Extraction Method: EPA 3546
 Extraction Date: 06/09/23 00:19

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	160	20.	1
Hexachlorobenzene	ND		ug/kg	120	22.	1
Bis(2-chloroethyl)ether	ND		ug/kg	180	26.	1
2-Chloronaphthalene	ND		ug/kg	190	19.	1
3,3'-Dichlorobenzidine	ND		ug/kg	190	52.	1
2,4-Dinitrotoluene	ND		ug/kg	190	39.	1
2,6-Dinitrotoluene	ND		ug/kg	190	33.	1
Fluoranthene	ND		ug/kg	120	22.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	190	21.	1
4-Bromophenyl phenyl ether	ND		ug/kg	190	30.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	230	33.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	210	20.	1
Hexachlorobutadiene	ND		ug/kg	190	28.	1
Hexachlorocyclopentadiene	ND		ug/kg	560	180	1
Hexachloroethane	ND		ug/kg	160	32.	1
Isophorone	ND		ug/kg	180	25.	1
Naphthalene	ND		ug/kg	190	24.	1
Nitrobenzene	ND		ug/kg	180	29.	1
NDPA/DPA	ND		ug/kg	160	22.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	190	30.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	190	67.	1
Butyl benzyl phthalate	ND		ug/kg	190	49.	1
Di-n-butylphthalate	ND		ug/kg	190	37.	1
Di-n-octylphthalate	ND		ug/kg	190	66.	1
Diethyl phthalate	ND		ug/kg	190	18.	1
Dimethyl phthalate	ND		ug/kg	190	41.	1
Benzo(a)anthracene	ND		ug/kg	120	22.	1
Benzo(a)pyrene	ND		ug/kg	160	48.	1

Project Name: JMA ADDITIONAL INVESTIGATION**Lab Number:** L2331318**Project Number:** 059294**Report Date:** 07/05/23**SAMPLE RESULTS**

Lab ID: L2331318-17
 Client ID: SOIL-116
 Sample Location: 140 CORTLAND AVE, SYRACUSE, NY

Date Collected: 06/07/23 14:20
 Date Received: 06/07/23
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(b)fluoranthene	ND		ug/kg	120	33.	1
Benzo(k)fluoranthene	ND		ug/kg	120	31.	1
Chrysene	ND		ug/kg	120	20.	1
Acenaphthylene	ND		ug/kg	160	30.	1
Anthracene	78	J	ug/kg	120	38.	1
Benzo(ghi)perylene	ND		ug/kg	160	23.	1
Fluorene	270		ug/kg	190	19.	1
Phenanthrene	530		ug/kg	120	24.	1
Dibenzo(a,h)anthracene	ND		ug/kg	120	22.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	160	27.	1
Pyrene	ND		ug/kg	120	19.	1
Biphenyl	ND		ug/kg	440	25.	1
4-Chloroaniline	ND		ug/kg	190	35.	1
2-Nitroaniline	ND		ug/kg	190	38.	1
3-Nitroaniline	ND		ug/kg	190	37.	1
4-Nitroaniline	ND		ug/kg	190	81.	1
Dibenzofuran	ND		ug/kg	190	18.	1
2-Methylnaphthalene	ND		ug/kg	230	24.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	190	20.	1
Acetophenone	ND		ug/kg	190	24.	1
2,4,6-Trichlorophenol	ND		ug/kg	120	37.	1
p-Chloro-m-cresol	ND		ug/kg	190	29.	1
2-Chlorophenol	ND		ug/kg	190	23.	1
2,4-Dichlorophenol	ND		ug/kg	180	31.	1
2,4-Dimethylphenol	ND		ug/kg	190	64.	1
2-Nitrophenol	ND		ug/kg	420	73.	1
4-Nitrophenol	ND		ug/kg	270	80.	1
2,4-Dinitrophenol	ND		ug/kg	940	91.	1
4,6-Dinitro-o-cresol	ND		ug/kg	510	94.	1
Pentachlorophenol	ND		ug/kg	160	43.	1
Phenol	ND		ug/kg	190	29.	1
2-Methylphenol	ND		ug/kg	190	30.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	280	30.	1
2,4,5-Trichlorophenol	ND		ug/kg	190	37.	1
Carbazole	ND		ug/kg	190	19.	1
Atrazine	ND		ug/kg	160	68.	1
Benzaldehyde	ND		ug/kg	260	53.	1

Project Name: JMA ADDITIONAL INVESTIGATION**Lab Number:** L2331318**Project Number:** 059294**Report Date:** 07/05/23**SAMPLE RESULTS****Lab ID:** L2331318-17**Date Collected:** 06/07/23 14:20**Client ID:** SOIL-116**Date Received:** 06/07/23**Sample Location:** 140 CORTLAND AVE, 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	59.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	190	39.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	41		25-120
Phenol-d6	52		10-120
Nitrobenzene-d5	45		23-120
2-Fluorobiphenyl	56		30-120
2,4,6-Tribromophenol	33		10-136
4-Terphenyl-d14	51		18-120

Project Name: JMA ADDITIONAL INVESTIGATION**Lab Number:** L2331318**Project Number:** 059294**Report Date:** 07/05/23**SAMPLE RESULTS**

Lab ID: L2331318-18
 Client ID: SOIL-117
 Sample Location: 140 CORTLAND AVE, SYRACUSE, NY

Date Collected: 06/07/23 15:15
 Date Received: 06/07/23
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270E
 Analytical Date: 06/15/23 21:01
 Analyst: CMM
 Percent Solids: 84%

Extraction Method: EPA 3546
 Extraction Date: 06/08/23 23:48

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	160	20.	1
Hexachlorobenzene	ND		ug/kg	120	22.	1
Bis(2-chloroethyl)ether	ND		ug/kg	180	27.	1
2-Chloronaphthalene	ND		ug/kg	200	20.	1
3,3'-Dichlorobenzidine	ND		ug/kg	200	52.	1
2,4-Dinitrotoluene	ND		ug/kg	200	39.	1
2,6-Dinitrotoluene	ND		ug/kg	200	34.	1
Fluoranthene	290		ug/kg	120	23.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	200	21.	1
4-Bromophenyl phenyl ether	ND		ug/kg	200	30.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	240	34.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	210	20.	1
Hexachlorobutadiene	ND		ug/kg	200	29.	1
Hexachlorocyclopentadiene	ND		ug/kg	560	180	1
Hexachloroethane	ND		ug/kg	160	32.	1
Isophorone	ND		ug/kg	180	26.	1
Naphthalene	34	J	ug/kg	200	24.	1
Nitrobenzene	ND		ug/kg	180	29.	1
NDPA/DPA	ND		ug/kg	160	22.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	200	30.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	200	68.	1
Butyl benzyl phthalate	ND		ug/kg	200	50.	1
Di-n-butylphthalate	ND		ug/kg	200	37.	1
Di-n-octylphthalate	ND		ug/kg	200	67.	1
Diethyl phthalate	ND		ug/kg	200	18.	1
Dimethyl phthalate	ND		ug/kg	200	41.	1
Benzo(a)anthracene	120		ug/kg	120	22.	1
Benzo(a)pyrene	120	J	ug/kg	160	48.	1

Project Name: JMA ADDITIONAL INVESTIGATION**Lab Number:** L2331318**Project Number:** 059294**Report Date:** 07/05/23**SAMPLE RESULTS**

Lab ID: L2331318-18
 Client ID: SOIL-117
 Sample Location: 140 CORTLAND AVE, SYRACUSE, NY

Date Collected: 06/07/23 15:15
 Date Received: 06/07/23
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(b)fluoranthene	140		ug/kg	120	33.	1
Benzo(k)fluoranthene	41	J	ug/kg	120	32.	1
Chrysene	110	J	ug/kg	120	20.	1
Acenaphthylene	46	J	ug/kg	160	30.	1
Anthracene	40	J	ug/kg	120	38.	1
Benzo(ghi)perylene	55	J	ug/kg	160	23.	1
Fluorene	32	J	ug/kg	200	19.	1
Phenanthrene	270		ug/kg	120	24.	1
Dibenzo(a,h)anthracene	ND		ug/kg	120	23.	1
Indeno(1,2,3-cd)pyrene	69	J	ug/kg	160	28.	1
Pyrene	230		ug/kg	120	20.	1
Biphenyl	ND		ug/kg	450	26.	1
4-Chloroaniline	ND		ug/kg	200	36.	1
2-Nitroaniline	ND		ug/kg	200	38.	1
3-Nitroaniline	ND		ug/kg	200	37.	1
4-Nitroaniline	ND		ug/kg	200	82.	1
Dibenzofuran	24	J	ug/kg	200	19.	1
2-Methylnaphthalene	ND		ug/kg	240	24.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	200	21.	1
Acetophenone	ND		ug/kg	200	24.	1
2,4,6-Trichlorophenol	ND		ug/kg	120	37.	1
p-Chloro-m-cresol	ND		ug/kg	200	29.	1
2-Chlorophenol	ND		ug/kg	200	23.	1
2,4-Dichlorophenol	ND		ug/kg	180	32.	1
2,4-Dimethylphenol	ND		ug/kg	200	65.	1
2-Nitrophenol	ND		ug/kg	430	74.	1
4-Nitrophenol	ND		ug/kg	280	80.	1
2,4-Dinitrophenol	ND		ug/kg	950	92.	1
4,6-Dinitro-o-cresol	ND		ug/kg	510	95.	1
Pentachlorophenol	ND		ug/kg	160	43.	1
Phenol	ND		ug/kg	200	30.	1
2-Methylphenol	ND		ug/kg	200	30.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	280	31.	1
2,4,5-Trichlorophenol	ND		ug/kg	200	38.	1
Carbazole	34	J	ug/kg	200	19.	1
Atrazine	ND		ug/kg	160	69.	1
Benzaldehyde	ND		ug/kg	260	53.	1

Project Name: JMA ADDITIONAL INVESTIGATION**Lab Number:** L2331318**Project Number:** 059294**Report Date:** 07/05/23**SAMPLE RESULTS****Lab ID:** L2331318-18**Date Collected:** 06/07/23 15:15**Client ID:** SOIL-117**Date Received:** 06/07/23**Sample Location:** 140 CORTLAND AVE, 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	200	60.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	200	40.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	85		25-120
Phenol-d6	88		10-120
Nitrobenzene-d5	69		23-120
2-Fluorobiphenyl	86		30-120
2,4,6-Tribromophenol	90		10-136
4-Terphenyl-d14	75		18-120

Project Name: JMA ADDITIONAL INVESTIGATION**Lab Number:** L2331318**Project Number:** 059294**Report Date:** 07/05/23**SAMPLE RESULTS**

Lab ID: L2331318-19
 Client ID: SOIL-112-15FTN
 Sample Location: 140 CORTLAND AVE, SYRACUSE, NY

Date Collected: 06/07/23 10:50
 Date Received: 06/07/23
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270E
 Analytical Date: 06/25/23 17:41
 Analyst: IM
 Percent Solids: 65%

Extraction Method: EPA 3546
 Extraction Date: 06/18/23 12:20

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	97	J	ug/kg	200	26.	1
Hexachlorobenzene	ND		ug/kg	150	29.	1
Bis(2-chloroethyl)ether	ND		ug/kg	230	35.	1
2-Chloronaphthalene	ND		ug/kg	260	25.	1
3,3'-Dichlorobenzidine	ND		ug/kg	260	68.	1
2,4-Dinitrotoluene	ND		ug/kg	260	51.	1
2,6-Dinitrotoluene	ND		ug/kg	260	44.	1
Fluoranthene	380		ug/kg	150	29.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	260	27.	1
4-Bromophenyl phenyl ether	ND		ug/kg	260	39.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	310	44.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	280	26.	1
Hexachlorobutadiene	ND		ug/kg	260	38.	1
Hexachlorocyclopentadiene	ND		ug/kg	730	230	1
Hexachloroethane	ND		ug/kg	200	41.	1
Isophorone	ND		ug/kg	230	33.	1
Naphthalene	250	J	ug/kg	260	31.	1
Nitrobenzene	ND		ug/kg	230	38.	1
NDPA/DPA	ND		ug/kg	200	29.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	260	40.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	260	89.	1
Butyl benzyl phthalate	ND		ug/kg	260	64.	1
Di-n-butylphthalate	ND		ug/kg	260	48.	1
Di-n-octylphthalate	ND		ug/kg	260	87.	1
Diethyl phthalate	ND		ug/kg	260	24.	1
Dimethyl phthalate	ND		ug/kg	260	54.	1
Benzo(a)anthracene	110	J	ug/kg	150	29.	1
Benzo(a)pyrene	72	J	ug/kg	200	62.	1

Project Name: JMA ADDITIONAL INVESTIGATION**Lab Number:** L2331318**Project Number:** 059294**Report Date:** 07/05/23**SAMPLE RESULTS**

Lab ID: L2331318-19
 Client ID: SOIL-112-15FTN
 Sample Location: 140 CORTLAND AVE, SYRACUSE, NY

Date Collected: 06/07/23 10:50
 Date Received: 06/07/23
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(b)fluoranthene	91	J	ug/kg	150	43.	1
Benzo(k)fluoranthene	41	J	ug/kg	150	41.	1
Chrysene	97	J	ug/kg	150	27.	1
Acenaphthylene	ND		ug/kg	200	40.	1
Anthracene	64	J	ug/kg	150	50.	1
Benzo(ghi)perylene	46	J	ug/kg	200	30.	1
Fluorene	85	J	ug/kg	260	25.	1
Phenanthrene	320		ug/kg	150	31.	1
Dibenzo(a,h)anthracene	ND		ug/kg	150	30.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	200	36.	1
Pyrene	350		ug/kg	150	25.	1
Biphenyl	ND		ug/kg	580	33.	1
4-Chloroaniline	ND		ug/kg	260	47.	1
2-Nitroaniline	ND		ug/kg	260	49.	1
3-Nitroaniline	ND		ug/kg	260	48.	1
4-Nitroaniline	ND		ug/kg	260	110	1
Dibenzofuran	24	J	ug/kg	260	24.	1
2-Methylnaphthalene	55	J	ug/kg	310	31.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	260	27.	1
Acetophenone	ND		ug/kg	260	32.	1
2,4,6-Trichlorophenol	ND		ug/kg	150	48.	1
p-Chloro-m-cresol	ND		ug/kg	260	38.	1
2-Chlorophenol	ND		ug/kg	260	30.	1
2,4-Dichlorophenol	ND		ug/kg	230	41.	1
2,4-Dimethylphenol	ND		ug/kg	260	84.	1
2-Nitrophenol	ND		ug/kg	550	96.	1
4-Nitrophenol	ND		ug/kg	360	100	1
2,4-Dinitrophenol	ND		ug/kg	1200	120	1
4,6-Dinitro-o-cresol	ND		ug/kg	670	120	1
Pentachlorophenol	ND		ug/kg	200	56.	1
Phenol	ND		ug/kg	260	39.	1
2-Methylphenol	ND		ug/kg	260	40.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	370	40.	1
2,4,5-Trichlorophenol	ND		ug/kg	260	49.	1
Carbazole	ND		ug/kg	260	25.	1
Atrazine	ND		ug/kg	200	90.	1
Benzaldehyde	ND		ug/kg	340	69.	1

Project Name: JMA ADDITIONAL INVESTIGATION**Lab Number:** L2331318**Project Number:** 059294**Report Date:** 07/05/23**SAMPLE RESULTS****Lab ID:** L2331318-19**Date Collected:** 06/07/23 10:50**Client ID:** SOIL-112-15FTN**Date Received:** 06/07/23**Sample Location:** 140 CORTLAND AVE, 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	260	78.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	260	52.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	70		25-120
Phenol-d6	84		10-120
Nitrobenzene-d5	109		23-120
2-Fluorobiphenyl	67		30-120
2,4,6-Tribromophenol	53		10-136
4-Terphenyl-d14	60		18-120

Project Name: JMA ADDITIONAL INVESTIGATION**Lab Number:** L2331318**Project Number:** 059294**Report Date:** 07/05/23**SAMPLE RESULTS**

Lab ID: L2331318-20
 Client ID: SOIL-112-30FTW
 Sample Location: 140 CORTLAND AVE, SYRACUSE, NY

Date Collected: 06/07/23 11:25
 Date Received: 06/07/23
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270E
 Analytical Date: 06/15/23 21:26
 Analyst: CMM
 Percent Solids: 83%

Extraction Method: EPA 3546
 Extraction Date: 06/08/23 23:48

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	160	20.	1
Hexachlorobenzene	ND		ug/kg	120	22.	1
Bis(2-chloroethyl)ether	ND		ug/kg	180	26.	1
2-Chloronaphthalene	ND		ug/kg	200	19.	1
3,3'-Dichlorobenzidine	ND		ug/kg	200	52.	1
2,4-Dinitrotoluene	ND		ug/kg	200	39.	1
2,6-Dinitrotoluene	ND		ug/kg	200	34.	1
Fluoranthene	25	J	ug/kg	120	22.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	200	21.	1
4-Bromophenyl phenyl ether	ND		ug/kg	200	30.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	230	33.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	210	20.	1
Hexachlorobutadiene	ND		ug/kg	200	28.	1
Hexachlorocyclopentadiene	ND		ug/kg	560	180	1
Hexachloroethane	ND		ug/kg	160	32.	1
Isophorone	ND		ug/kg	180	25.	1
Naphthalene	ND		ug/kg	200	24.	1
Nitrobenzene	ND		ug/kg	180	29.	1
NDPA/DPA	ND		ug/kg	160	22.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	200	30.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	200	68.	1
Butyl benzyl phthalate	ND		ug/kg	200	49.	1
Di-n-butylphthalate	ND		ug/kg	200	37.	1
Di-n-octylphthalate	ND		ug/kg	200	66.	1
Diethyl phthalate	ND		ug/kg	200	18.	1
Dimethyl phthalate	ND		ug/kg	200	41.	1
Benzo(a)anthracene	32	J	ug/kg	120	22.	1
Benzo(a)pyrene	ND		ug/kg	160	48.	1

Project Name: JMA ADDITIONAL INVESTIGATION**Lab Number:** L2331318**Project Number:** 059294**Report Date:** 07/05/23**SAMPLE RESULTS**

Lab ID: L2331318-20
 Client ID: SOIL-112-30FTW
 Sample Location: 140 CORTLAND AVE, SYRACUSE, NY

Date Collected: 06/07/23 11:25
 Date Received: 06/07/23
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(b)fluoranthene	ND		ug/kg	120	33.	1
Benzo(k)fluoranthene	ND		ug/kg	120	31.	1
Chrysene	22	J	ug/kg	120	20.	1
Acenaphthylene	ND		ug/kg	160	30.	1
Anthracene	ND		ug/kg	120	38.	1
Benzo(ghi)perylene	ND		ug/kg	160	23.	1
Fluorene	ND		ug/kg	200	19.	1
Phenanthrene	ND		ug/kg	120	24.	1
Dibenzo(a,h)anthracene	ND		ug/kg	120	22.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	160	27.	1
Pyrene	31	J	ug/kg	120	19.	1
Biphenyl	ND		ug/kg	440	25.	1
4-Chloroaniline	ND		ug/kg	200	36.	1
2-Nitroaniline	ND		ug/kg	200	38.	1
3-Nitroaniline	ND		ug/kg	200	37.	1
4-Nitroaniline	ND		ug/kg	200	81.	1
Dibenzofuran	ND		ug/kg	200	18.	1
2-Methylnaphthalene	ND		ug/kg	230	24.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	200	20.	1
Acetophenone	ND		ug/kg	200	24.	1
2,4,6-Trichlorophenol	ND		ug/kg	120	37.	1
p-Chloro-m-cresol	ND		ug/kg	200	29.	1
2-Chlorophenol	ND		ug/kg	200	23.	1
2,4-Dichlorophenol	ND		ug/kg	180	31.	1
2,4-Dimethylphenol	ND		ug/kg	200	64.	1
2-Nitrophenol	ND		ug/kg	420	73.	1
4-Nitrophenol	ND		ug/kg	270	80.	1
2,4-Dinitrophenol	ND		ug/kg	940	91.	1
4,6-Dinitro-o-cresol	ND		ug/kg	510	94.	1
Pentachlorophenol	ND		ug/kg	160	43.	1
Phenol	ND		ug/kg	200	29.	1
2-Methylphenol	ND		ug/kg	200	30.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	280	30.	1
2,4,5-Trichlorophenol	ND		ug/kg	200	37.	1
Carbazole	ND		ug/kg	200	19.	1
Atrazine	ND		ug/kg	160	68.	1
Benzaldehyde	ND		ug/kg	260	53.	1

Project Name: JMA ADDITIONAL INVESTIGATION**Lab Number:** L2331318**Project Number:** 059294**Report Date:** 07/05/23**SAMPLE RESULTS****Lab ID:** L2331318-20**Date Collected:** 06/07/23 11:25**Client ID:** SOIL-112-30FTW**Date Received:** 06/07/23**Sample Location:** 140 CORTLAND AVE, 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	200	59.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	200	39.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	70		25-120
Phenol-d6	73		10-120
Nitrobenzene-d5	82		23-120
2-Fluorobiphenyl	71		30-120
2,4,6-Tribromophenol	64		10-136
4-Terphenyl-d14	64		18-120

Project Name: JMA ADDITIONAL INVESTIGATION**Lab Number:** L2331318**Project Number:** 059294**Report Date:** 07/05/23**SAMPLE RESULTS**

Lab ID: L2331318-21
 Client ID: SURF-01
 Sample Location: 140 CORTLAND AVE, SYRACUSE, NY

Date Collected: 06/07/23 10:45
 Date Received: 06/07/23
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270E
 Analytical Date: 06/15/23 21:51
 Analyst: CMM
 Percent Solids: 91%

Extraction Method: EPA 3546
 Extraction Date: 06/08/23 23:48

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	830		ug/kg	140	18.	1
Hexachlorobenzene	ND		ug/kg	110	20.	1
Bis(2-chloroethyl)ether	ND		ug/kg	160	24.	1
2-Chloronaphthalene	ND		ug/kg	180	18.	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	48.	1
2,4-Dinitrotoluene	ND		ug/kg	180	36.	1
2,6-Dinitrotoluene	ND		ug/kg	180	31.	1
Fluoranthene	6000		ug/kg	110	20.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	19.	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	27.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	210	30.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	190	18.	1
Hexachlorobutadiene	ND		ug/kg	180	26.	1
Hexachlorocyclopentadiene	ND		ug/kg	510	160	1
Hexachloroethane	ND		ug/kg	140	29.	1
Isophorone	ND		ug/kg	160	23.	1
Naphthalene	1300		ug/kg	180	22.	1
Nitrobenzene	ND		ug/kg	160	26.	1
NDPA/DPA	ND		ug/kg	140	20.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	28.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	180	62.	1
Butyl benzyl phthalate	ND		ug/kg	180	45.	1
Di-n-butylphthalate	ND		ug/kg	180	34.	1
Di-n-octylphthalate	ND		ug/kg	180	61.	1
Diethyl phthalate	ND		ug/kg	180	16.	1
Dimethyl phthalate	ND		ug/kg	180	38.	1
Benzo(a)anthracene	3300		ug/kg	110	20.	1
Benzo(a)pyrene	2300		ug/kg	140	44.	1

Project Name: JMA ADDITIONAL INVESTIGATION**Lab Number:** L2331318**Project Number:** 059294**Report Date:** 07/05/23**SAMPLE RESULTS****Lab ID:** L2331318-21**Date Collected:** 06/07/23 10:45**Client ID:** SURF-01**Date Received:** 06/07/23**Sample Location:** 140 CORTLAND AVE, 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	3800		ug/kg	110	30.	1
Benzo(k)fluoranthene	1200		ug/kg	110	28.	1
Chrysene	3500		ug/kg	110	18.	1
Acenaphthylene	170		ug/kg	140	28.	1
Anthracene	780		ug/kg	110	35.	1
Benzo(ghi)perylene	1100		ug/kg	140	21.	1
Fluorene	600		ug/kg	180	17.	1
Phenanthrene	5300		ug/kg	110	22.	1
Dibenzo(a,h)anthracene	330		ug/kg	110	21.	1
Indeno(1,2,3-cd)pyrene	1500		ug/kg	140	25.	1
Pyrene	4500		ug/kg	110	18.	1
Biphenyl	310	J	ug/kg	410	23.	1
4-Chloroaniline	ND		ug/kg	180	32.	1
2-Nitroaniline	ND		ug/kg	180	34.	1
3-Nitroaniline	ND		ug/kg	180	34.	1
4-Nitroaniline	ND		ug/kg	180	74.	1
Dibenzofuran	860		ug/kg	180	17.	1
2-Methylnaphthalene	2100		ug/kg	210	22.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	19.	1
Acetophenone	ND		ug/kg	180	22.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	34.	1
p-Chloro-m-cresol	ND		ug/kg	180	27.	1
2-Chlorophenol	ND		ug/kg	180	21.	1
2,4-Dichlorophenol	ND		ug/kg	160	29.	1
2,4-Dimethylphenol	ND		ug/kg	180	59.	1
2-Nitrophenol	ND		ug/kg	380	67.	1
4-Nitrophenol	ND		ug/kg	250	73.	1
2,4-Dinitrophenol	ND		ug/kg	860	83.	1
4,6-Dinitro-o-cresol	ND		ug/kg	460	86.	1
Pentachlorophenol	ND		ug/kg	140	39.	1
Phenol	ND		ug/kg	180	27.	1
2-Methylphenol	ND		ug/kg	180	28.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	260	28.	1
2,4,5-Trichlorophenol	ND		ug/kg	180	34.	1
Carbazole	600		ug/kg	180	17.	1
Atrazine	ND		ug/kg	140	62.	1
Benzaldehyde	ND		ug/kg	240	48.	1

Project Name: JMA ADDITIONAL INVESTIGATION**Lab Number:** L2331318**Project Number:** 059294**Report Date:** 07/05/23**SAMPLE RESULTS****Lab ID:** L2331318-21**Date Collected:** 06/07/23 10:45**Client ID:** SURF-01**Date Received:** 06/07/23**Sample Location:** 140 CORTLAND AVE, 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	180	54.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	180	36.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	29		25-120
Phenol-d6	28		10-120
Nitrobenzene-d5	58		23-120
2-Fluorobiphenyl	73		30-120
2,4,6-Tribromophenol	44		10-136
4-Terphenyl-d14	63		18-120

Project Name: JMA ADDITIONAL INVESTIGATION**Lab Number:** L2331318**Project Number:** 059294**Report Date:** 07/05/23**SAMPLE RESULTS**

Lab ID: L2331318-22 D
 Client ID: SURF-02
 Sample Location: 140 CORTLAND AVE, SYRACUSE, NY

Date Collected: 06/07/23 11:50
 Date Received: 06/07/23
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270E
 Analytical Date: 06/25/23 19:59
 Analyst: IM
 Percent Solids: 79%

Extraction Method: EPA 3546
 Extraction Date: 06/09/23 00:19

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	2200		ug/kg	1700	220	10
Hexachlorobenzene	ND		ug/kg	1200	230	10
Bis(2-chloroethyl)ether	ND		ug/kg	1900	280	10
2-Chloronaphthalene	ND		ug/kg	2100	200	10
3,3'-Dichlorobenzidine	ND		ug/kg	2100	550	10
2,4-Dinitrotoluene	ND		ug/kg	2100	420	10
2,6-Dinitrotoluene	ND		ug/kg	2100	360	10
Fluoranthene	23000		ug/kg	1200	240	10
4-Chlorophenyl phenyl ether	ND		ug/kg	2100	220	10
4-Bromophenyl phenyl ether	ND		ug/kg	2100	320	10
Bis(2-chloroisopropyl)ether	ND		ug/kg	2500	350	10
Bis(2-chloroethoxy)methane	ND		ug/kg	2200	210	10
Hexachlorobutadiene	ND		ug/kg	2100	300	10
Hexachlorocyclopentadiene	ND		ug/kg	5900	1900	10
Hexachloroethane	ND		ug/kg	1700	340	10
Isophorone	ND		ug/kg	1900	270	10
Naphthalene	4100		ug/kg	2100	250	10
Nitrobenzene	ND		ug/kg	1900	310	10
NDPA/DPA	ND		ug/kg	1700	240	10
n-Nitrosodi-n-propylamine	ND		ug/kg	2100	320	10
Bis(2-ethylhexyl)phthalate	ND		ug/kg	2100	720	10
Butyl benzyl phthalate	ND		ug/kg	2100	520	10
Di-n-butylphthalate	ND		ug/kg	2100	390	10
Di-n-octylphthalate	ND		ug/kg	2100	710	10
Diethyl phthalate	ND		ug/kg	2100	190	10
Dimethyl phthalate	ND		ug/kg	2100	440	10
Benzo(a)anthracene	10000		ug/kg	1200	230	10
Benzo(a)pyrene	9700		ug/kg	1700	510	10

Project Name: JMA ADDITIONAL INVESTIGATION**Lab Number:** L2331318**Project Number:** 059294**Report Date:** 07/05/23**SAMPLE RESULTS**

Lab ID: L2331318-22 D
 Client ID: SURF-02
 Sample Location: 140 CORTLAND AVE, SYRACUSE, NY

Date Collected: 06/07/23 11:50
 Date Received: 06/07/23
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(b)fluoranthene	11000		ug/kg	1200	350	10
Benzo(k)fluoranthene	4800		ug/kg	1200	330	10
Chrysene	10000		ug/kg	1200	220	10
Acenaphthylene	490	J	ug/kg	1700	320	10
Anthracene	3900		ug/kg	1200	400	10
Benzo(ghi)perylene	5000		ug/kg	1700	240	10
Fluorene	2000	J	ug/kg	2100	200	10
Phenanthrene	20000		ug/kg	1200	250	10
Dibenzo(a,h)anthracene	1300		ug/kg	1200	240	10
Indeno(1,2,3-cd)pyrene	4300		ug/kg	1700	290	10
Pyrene	18000		ug/kg	1200	210	10
Biphenyl	370	J	ug/kg	4700	270	10
4-Chloroaniline	ND		ug/kg	2100	380	10
2-Nitroaniline	ND		ug/kg	2100	400	10
3-Nitroaniline	ND		ug/kg	2100	390	10
4-Nitroaniline	ND		ug/kg	2100	860	10
Dibenzofuran	2100		ug/kg	2100	200	10
2-Methylnaphthalene	1700	J	ug/kg	2500	250	10
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	2100	220	10
Acetophenone	ND		ug/kg	2100	260	10
2,4,6-Trichlorophenol	ND		ug/kg	1200	390	10
p-Chloro-m-cresol	ND		ug/kg	2100	310	10
2-Chlorophenol	ND		ug/kg	2100	240	10
2,4-Dichlorophenol	ND		ug/kg	1900	330	10
2,4-Dimethylphenol	ND		ug/kg	2100	680	10
2-Nitrophenol	ND		ug/kg	4500	780	10
4-Nitrophenol	ND		ug/kg	2900	850	10
2,4-Dinitrophenol	ND		ug/kg	10000	970	10
4,6-Dinitro-o-cresol	ND		ug/kg	5400	1000	10
Pentachlorophenol	ND		ug/kg	1700	460	10
Phenol	ND		ug/kg	2100	310	10
2-Methylphenol	ND		ug/kg	2100	320	10
3-Methylphenol/4-Methylphenol	ND		ug/kg	3000	320	10
2,4,5-Trichlorophenol	ND		ug/kg	2100	400	10
Carbazole	2600		ug/kg	2100	200	10
Atrazine	ND		ug/kg	1700	730	10
Benzaldehyde	ND		ug/kg	2700	560	10

Project Name: JMA ADDITIONAL INVESTIGATION**Lab Number:** L2331318**Project Number:** 059294**Report Date:** 07/05/23**SAMPLE RESULTS**

Lab ID: L2331318-22 D
 Client ID: SURF-02
 Sample Location: 140 CORTLAND AVE, SYRACUSE, NY

Date Collected: 06/07/23 11:50
 Date Received: 06/07/23
 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	2100	630	10
2,3,4,6-Tetrachlorophenol	ND		ug/kg	2100	420	10

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	47		25-120
Phenol-d6	48		10-120
Nitrobenzene-d5	59		23-120
2-Fluorobiphenyl	54		30-120
2,4,6-Tribromophenol	29		10-136
4-Terphenyl-d14	50		18-120

Project Name: JMA ADDITIONAL INVESTIGATION**Lab Number:** L2331318**Project Number:** 059294**Report Date:** 07/05/23**SAMPLE RESULTS**

Lab ID: L2331318-23 D
 Client ID: SURF-03
 Sample Location: 140 CORTLAND AVE, SYRACUSE, NY

Date Collected: 06/07/23 12:25
 Date Received: 06/07/23
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270E
 Analytical Date: 06/25/23 20:16
 Analyst: IM
 Percent Solids: 69%

Extraction Method: EPA 3546
 Extraction Date: 06/09/23 00:19

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	970	120	5
Hexachlorobenzene	ND		ug/kg	720	140	5
Bis(2-chloroethyl)ether	ND		ug/kg	1100	160	5
2-Chloronaphthalene	ND		ug/kg	1200	120	5
3,3'-Dichlorobenzidine	ND		ug/kg	1200	320	5
2,4-Dinitrotoluene	ND		ug/kg	1200	240	5
2,6-Dinitrotoluene	ND		ug/kg	1200	210	5
Fluoranthene	1700		ug/kg	720	140	5
4-Chlorophenyl phenyl ether	ND		ug/kg	1200	130	5
4-Bromophenyl phenyl ether	ND		ug/kg	1200	180	5
Bis(2-chloroisopropyl)ether	ND		ug/kg	1400	210	5
Bis(2-chloroethoxy)methane	ND		ug/kg	1300	120	5
Hexachlorobutadiene	ND		ug/kg	1200	180	5
Hexachlorocyclopentadiene	ND		ug/kg	3400	1100	5
Hexachloroethane	ND		ug/kg	970	200	5
Isophorone	ND		ug/kg	1100	160	5
Naphthalene	ND		ug/kg	1200	150	5
Nitrobenzene	ND		ug/kg	1100	180	5
NDPA/DPA	ND		ug/kg	970	140	5
n-Nitrosodi-n-propylamine	ND		ug/kg	1200	190	5
Bis(2-ethylhexyl)phthalate	480	J	ug/kg	1200	420	5
Butyl benzyl phthalate	ND		ug/kg	1200	300	5
Di-n-butylphthalate	ND		ug/kg	1200	230	5
Di-n-octylphthalate	ND		ug/kg	1200	410	5
Diethyl phthalate	ND		ug/kg	1200	110	5
Dimethyl phthalate	ND		ug/kg	1200	250	5
Benzo(a)anthracene	910		ug/kg	720	140	5
Benzo(a)pyrene	1100		ug/kg	970	290	5

Project Name: JMA ADDITIONAL INVESTIGATION**Lab Number:** L2331318**Project Number:** 059294**Report Date:** 07/05/23**SAMPLE RESULTS**

Lab ID: L2331318-23 D
 Client ID: SURF-03
 Sample Location: 140 CORTLAND AVE, SYRACUSE, NY

Date Collected: 06/07/23 12:25
 Date Received: 06/07/23
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(b)fluoranthene	1200		ug/kg	720	200	5
Benzo(k)fluoranthene	660	J	ug/kg	720	190	5
Chrysene	1100		ug/kg	720	120	5
Acenaphthylene	ND		ug/kg	970	190	5
Anthracene	280	J	ug/kg	720	240	5
Benzo(ghi)perylene	1000		ug/kg	970	140	5
Fluorene	ND		ug/kg	1200	120	5
Phenanthrene	940		ug/kg	720	150	5
Dibenzo(a,h)anthracene	ND		ug/kg	720	140	5
Indeno(1,2,3-cd)pyrene	ND		ug/kg	970	170	5
Pyrene	1600		ug/kg	720	120	5
Biphenyl	ND		ug/kg	2800	160	5
4-Chloroaniline	ND		ug/kg	1200	220	5
2-Nitroaniline	ND		ug/kg	1200	230	5
3-Nitroaniline	ND		ug/kg	1200	230	5
4-Nitroaniline	ND		ug/kg	1200	500	5
Dibenzofuran	ND		ug/kg	1200	110	5
2-Methylnaphthalene	ND		ug/kg	1400	140	5
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	1200	130	5
Acetophenone	ND		ug/kg	1200	150	5
2,4,6-Trichlorophenol	ND		ug/kg	720	230	5
p-Chloro-m-cresol	ND		ug/kg	1200	180	5
2-Chlorophenol	ND		ug/kg	1200	140	5
2,4-Dichlorophenol	ND		ug/kg	1100	190	5
2,4-Dimethylphenol	ND		ug/kg	1200	400	5
2-Nitrophenol	ND		ug/kg	2600	450	5
4-Nitrophenol	ND		ug/kg	1700	490	5
2,4-Dinitrophenol	ND		ug/kg	5800	560	5
4,6-Dinitro-o-cresol	ND		ug/kg	3100	580	5
Pentachlorophenol	ND		ug/kg	970	260	5
Phenol	ND		ug/kg	1200	180	5
2-Methylphenol	ND		ug/kg	1200	190	5
3-Methylphenol/4-Methylphenol	ND		ug/kg	1700	190	5
2,4,5-Trichlorophenol	ND		ug/kg	1200	230	5
Carbazole	160	J	ug/kg	1200	120	5
Atrazine	ND		ug/kg	970	420	5
Benzaldehyde	ND		ug/kg	1600	330	5

Project Name: JMA ADDITIONAL INVESTIGATION**Lab Number:** L2331318**Project Number:** 059294**Report Date:** 07/05/23**SAMPLE RESULTS**

Lab ID: L2331318-23 D
 Client ID: SURF-03
 Sample Location: 140 CORTLAND AVE, SYRACUSE, NY

Date Collected: 06/07/23 12:25
 Date Received: 06/07/23
 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	1200	370	5
2,3,4,6-Tetrachlorophenol	ND		ug/kg	1200	240	5

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	56		25-120
Phenol-d6	56		10-120
Nitrobenzene-d5	65		23-120
2-Fluorobiphenyl	53		30-120
2,4,6-Tribromophenol	49		10-136
4-Terphenyl-d14	38		18-120

Project Name: JMA ADDITIONAL INVESTIGATION**Lab Number:** L2331318**Project Number:** 059294**Report Date:** 07/05/23**SAMPLE RESULTS**

Lab ID: L2331318-24
 Client ID: SURF-04
 Sample Location: 140 CORTLAND AVE, SYRACUSE, NY

Date Collected: 06/07/23 13:20
 Date Received: 06/07/23
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270E
 Analytical Date: 06/15/23 22:15
 Analyst: CMM
 Percent Solids: 87%

Extraction Method: EPA 3546
 Extraction Date: 06/08/23 23:48

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	330		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	18.	1
3,3'-Dichlorobenzidine	ND		ug/kg	190	50.	1
2,4-Dinitrotoluene	ND		ug/kg	190	37.	1
2,6-Dinitrotoluene	ND		ug/kg	190	32.	1
Fluoranthene	6600		ug/kg	110	21.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	190	20.	1
4-Bromophenyl phenyl ether	ND		ug/kg	190	28.	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	530	170	1
Hexachloroethane	ND		ug/kg	150	30.	1
Isophorone	ND		ug/kg	170	24.	1
Naphthalene	270		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	35.	1
Di-n-octylphthalate	ND		ug/kg	190	63.	1
Diethyl phthalate	ND		ug/kg	190	17.	1
Dimethyl phthalate	ND		ug/kg	190	39.	1
Benzo(a)anthracene	2900		ug/kg	110	21.	1
Benzo(a)pyrene	2000		ug/kg	150	46.	1

Project Name: JMA ADDITIONAL INVESTIGATION**Lab Number:** L2331318**Project Number:** 059294**Report Date:** 07/05/23**SAMPLE RESULTS****Lab ID:** L2331318-24**Date Collected:** 06/07/23 13:20**Client ID:** SURF-04**Date Received:** 06/07/23**Sample Location:** 140 CORTLAND AVE, 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	3000		ug/kg	110	31.	1
Benzo(k)fluoranthene	880		ug/kg	110	30.	1
Chrysene	2700		ug/kg	110	19.	1
Acenaphthylene	70	J	ug/kg	150	29.	1
Anthracene	850		ug/kg	110	36.	1
Benzo(ghi)perylene	900		ug/kg	150	22.	1
Fluorene	230		ug/kg	190	18.	1
Phenanthrene	4700		ug/kg	110	23.	1
Dibenzo(a,h)anthracene	250		ug/kg	110	22.	1
Indeno(1,2,3-cd)pyrene	1200		ug/kg	150	26.	1
Pyrene	5000		ug/kg	110	18.	1
Biphenyl	28	J	ug/kg	420	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	77.	1
Dibenzofuran	210		ug/kg	190	18.	1
2-Methylnaphthalene	84	J	ug/kg	220	22.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	190	19.	1
Acetophenone	ND		ug/kg	190	23.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	35.	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	480	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	920		ug/kg	190	18.	1
Atrazine	ND		ug/kg	150	65.	1
Benzaldehyde	ND		ug/kg	250	50.	1

Project Name: JMA ADDITIONAL INVESTIGATION**Lab Number:** L2331318**Project Number:** 059294**Report Date:** 07/05/23**SAMPLE RESULTS****Lab ID:** L2331318-24**Date Collected:** 06/07/23 13:20**Client ID:** SURF-04**Date Received:** 06/07/23**Sample Location:** 140 CORTLAND AVE, 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	63		25-120
Phenol-d6	69		10-120
Nitrobenzene-d5	31		23-120
2-Fluorobiphenyl	74		30-120
2,4,6-Tribromophenol	60		10-136
4-Terphenyl-d14	66		18-120

Project Name: JMA ADDITIONAL INVESTIGATION**Lab Number:** L2331318**Project Number:** 059294**Report Date:** 07/05/23**SAMPLE RESULTS**

Lab ID: L2331318-25 D
 Client ID: SURF-05
 Sample Location: 140 CORTLAND AVE, SYRACUSE, NY

Date Collected: 06/07/23 14:00
 Date Received: 06/07/23
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270E
 Analytical Date: 06/26/23 16:49
 Analyst: JG
 Percent Solids: 91%

Extraction Method: EPA 3546
 Extraction Date: 06/09/23 00:19

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	730	94.	5
Hexachlorobenzene	ND		ug/kg	540	100	5
Bis(2-chloroethyl)ether	ND		ug/kg	820	120	5
2-Chloronaphthalene	ND		ug/kg	910	90.	5
3,3'-Dichlorobenzidine	ND		ug/kg	910	240	5
2,4-Dinitrotoluene	ND		ug/kg	910	180	5
2,6-Dinitrotoluene	ND		ug/kg	910	160	5
Fluoranthene	1000		ug/kg	540	100	5
4-Chlorophenyl phenyl ether	ND		ug/kg	910	97.	5
4-Bromophenyl phenyl ether	ND		ug/kg	910	140	5
Bis(2-chloroisopropyl)ether	ND		ug/kg	1100	160	5
Bis(2-chloroethoxy)methane	ND		ug/kg	980	91.	5
Hexachlorobutadiene	ND		ug/kg	910	130	5
Hexachlorocyclopentadiene	ND		ug/kg	2600	820	5
Hexachloroethane	ND		ug/kg	730	150	5
Isophorone	ND		ug/kg	820	120	5
Naphthalene	110	J	ug/kg	910	110	5
Nitrobenzene	ND		ug/kg	820	130	5
NDPA/DPA	ND		ug/kg	730	100	5
n-Nitrosodi-n-propylamine	ND		ug/kg	910	140	5
Bis(2-ethylhexyl)phthalate	ND		ug/kg	910	310	5
Butyl benzyl phthalate	ND		ug/kg	910	230	5
Di-n-butylphthalate	ND		ug/kg	910	170	5
Di-n-octylphthalate	ND		ug/kg	910	310	5
Diethyl phthalate	ND		ug/kg	910	84.	5
Dimethyl phthalate	ND		ug/kg	910	190	5
Benzo(a)anthracene	590		ug/kg	540	100	5
Benzo(a)pyrene	570	J	ug/kg	730	220	5

Project Name: JMA ADDITIONAL INVESTIGATION**Lab Number:** L2331318**Project Number:** 059294**Report Date:** 07/05/23**SAMPLE RESULTS**

Lab ID: L2331318-25 D
 Client ID: SURF-05
 Sample Location: 140 CORTLAND AVE, SYRACUSE, NY

Date Collected: 06/07/23 14:00
 Date Received: 06/07/23
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(b)fluoranthene	950		ug/kg	540	150	5
Benzo(k)fluoranthene	320	J	ug/kg	540	140	5
Chrysene	680		ug/kg	540	94.	5
Acenaphthylene	ND		ug/kg	730	140	5
Anthracene	180	J	ug/kg	540	180	5
Benzo(ghi)perylene	580	J	ug/kg	730	110	5
Fluorene	ND		ug/kg	910	88.	5
Phenanthrene	690		ug/kg	540	110	5
Dibenzo(a,h)anthracene	140	J	ug/kg	540	100	5
Indeno(1,2,3-cd)pyrene	610	J	ug/kg	730	130	5
Pyrene	820		ug/kg	540	90.	5
Biphenyl	ND		ug/kg	2100	120	5
4-Chloroaniline	ND		ug/kg	910	160	5
2-Nitroaniline	ND		ug/kg	910	170	5
3-Nitroaniline	ND		ug/kg	910	170	5
4-Nitroaniline	ND		ug/kg	910	380	5
Dibenzofuran	ND		ug/kg	910	86.	5
2-Methylnaphthalene	180	J	ug/kg	1100	110	5
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	910	95.	5
Acetophenone	330	J	ug/kg	910	110	5
2,4,6-Trichlorophenol	ND		ug/kg	540	170	5
p-Chloro-m-cresol	ND		ug/kg	910	140	5
2-Chlorophenol	ND		ug/kg	910	110	5
2,4-Dichlorophenol	ND		ug/kg	820	140	5
2,4-Dimethylphenol	ND		ug/kg	910	300	5
2-Nitrophenol	ND		ug/kg	2000	340	5
4-Nitrophenol	ND		ug/kg	1300	370	5
2,4-Dinitrophenol	ND		ug/kg	4400	420	5
4,6-Dinitro-o-cresol	ND		ug/kg	2400	440	5
Pentachlorophenol	ND		ug/kg	730	200	5
Phenol	190	J	ug/kg	910	140	5
2-Methylphenol	ND		ug/kg	910	140	5
3-Methylphenol/4-Methylphenol	ND		ug/kg	1300	140	5
2,4,5-Trichlorophenol	ND		ug/kg	910	170	5
Carbazole	150	J	ug/kg	910	88.	5
Atrazine	ND		ug/kg	730	320	5
Benzaldehyde	400	J	ug/kg	1200	240	5

Project Name: JMA ADDITIONAL INVESTIGATION**Lab Number:** L2331318**Project Number:** 059294**Report Date:** 07/05/23**SAMPLE RESULTS**

Lab ID: L2331318-25 D

Date Collected: 06/07/23 14:00

Client ID: SURF-05

Date Received: 06/07/23

Sample Location: 140 CORTLAND AVE, 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	910	280	5
2,3,4,6-Tetrachlorophenol	ND		ug/kg	910	180	5

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	49		25-120
Phenol-d6	45		10-120
Nitrobenzene-d5	44		23-120
2-Fluorobiphenyl	43		30-120
2,4,6-Tribromophenol	48		10-136
4-Terphenyl-d14	41		18-120

Project Name: JMA ADDITIONAL INVESTIGATION**Lab Number:** L2331318**Project Number:** 059294**Report Date:** 07/05/23**SAMPLE RESULTS**

Lab ID: L2331318-26
 Client ID: TMW-108
 Sample Location: 140 CORTLAND AVE, SYRACUSE, NY

Date Collected: 06/08/23 10:35
 Date Received: 06/08/23
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 1,8270E
 Analytical Date: 06/14/23 21:34
 Analyst: SZ

Extraction Method: EPA 3510C
 Extraction Date: 06/14/23 00:07

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.50	1
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.6	1
2,4-Dinitrotoluene	ND		ug/l	5.0	1.2	1
2,6-Dinitrotoluene	ND		ug/l	5.0	0.93	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.49	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.38	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.53	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.50	1
Hexachlorocyclopentadiene	ND		ug/l	20	0.69	1
Isophorone	ND		ug/l	5.0	1.2	1
Nitrobenzene	ND		ug/l	2.0	0.77	1
NDPA/DPA	ND		ug/l	2.0	0.42	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.64	1
Bis(2-ethylhexyl)phthalate	1.5	J	ug/l	3.0	1.5	1
Butyl benzyl phthalate	ND		ug/l	5.0	1.2	1
Di-n-butylphthalate	ND		ug/l	5.0	0.39	1
Di-n-octylphthalate	ND		ug/l	5.0	1.3	1
Diethyl phthalate	ND		ug/l	5.0	0.38	1
Dimethyl phthalate	ND		ug/l	5.0	1.8	1
Biphenyl	ND		ug/l	2.0	0.46	1
4-Chloroaniline	ND		ug/l	5.0	1.1	1
2-Nitroaniline	ND		ug/l	5.0	0.50	1
3-Nitroaniline	ND		ug/l	5.0	0.81	1
4-Nitroaniline	ND		ug/l	5.0	0.80	1
Dibenzofuran	ND		ug/l	2.0	0.50	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.44	1
Acetophenone	ND		ug/l	5.0	0.53	1
2,4,6-Trichlorophenol	ND		ug/l	5.0	0.61	1

Project Name: JMA ADDITIONAL INVESTIGATION**Lab Number:** L2331318**Project Number:** 059294**Report Date:** 07/05/23**SAMPLE RESULTS****Lab ID:** L2331318-26**Date Collected:** 06/08/23 10:35**Client ID:** TMW-108**Date Received:** 06/08/23**Sample Location:** 140 CORTLAND AVE, SYRACUSE, NY**Field Prep:** Not Specified**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	0.35	1
2-Chlorophenol	ND		ug/l	2.0	0.48	1
2,4-Dichlorophenol	ND		ug/l	5.0	0.41	1
2,4-Dimethylphenol	ND		ug/l	5.0	1.8	1
2-Nitrophenol	ND		ug/l	10	0.85	1
4-Nitrophenol	ND		ug/l	10	0.67	1
2,4-Dinitrophenol	ND		ug/l	20	6.6	1
4,6-Dinitro-o-cresol	ND		ug/l	10	1.8	1
Phenol	ND		ug/l	5.0	0.57	1
2-Methylphenol	ND		ug/l	5.0	0.49	1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	0.48	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	0.77	1
Carbazole	ND		ug/l	2.0	0.49	1
Atrazine	ND		ug/l	10	0.76	1
Benzaldehyde	ND		ug/l	5.0	0.53	1
Caprolactam	3.4	J	ug/l	10	3.3	1
2,3,4,6-Tetrachlorophenol	ND		ug/l	5.0	0.84	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	51		21-120
Phenol-d6	39		10-120
Nitrobenzene-d5	64		23-120
2-Fluorobiphenyl	71		15-120
2,4,6-Tribromophenol	63		10-120
4-Terphenyl-d14	66		41-149

Project Name: JMA ADDITIONAL INVESTIGATION**Lab Number:** L2331318**Project Number:** 059294**Report Date:** 07/05/23**SAMPLE RESULTS**

Lab ID: L2331318-26
 Client ID: TMW-108
 Sample Location: 140 CORTLAND AVE, SYRACUSE, NY

Date Collected: 06/08/23 10:35
 Date Received: 06/08/23
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 1,8270E-SIM
 Analytical Date: 06/15/23 17:05
 Analyst: DV

Extraction Method: EPA 3510C
 Extraction Date: 06/14/23 00:09

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

Project Name: JMA ADDITIONAL INVESTIGATION**Lab Number:** L2331318**Project Number:** 059294**Report Date:** 07/05/23**SAMPLE RESULTS**

Lab ID: L2331318-26

Date Collected: 06/08/23 10:35

Client ID: TMW-108

Date Received: 06/08/23

Sample Location: 140 CORTLAND AVE, SYRACUSE, NY

Field Prep: Not Specified

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	46		21-120
Phenol-d6	40		10-120
Nitrobenzene-d5	74		23-120
2-Fluorobiphenyl	74		15-120
2,4,6-Tribromophenol	103		10-120
4-Terphenyl-d14	81		41-149

Project Name: JMA ADDITIONAL INVESTIGATION**Lab Number:** L2331318**Project Number:** 059294**Report Date:** 07/05/23**SAMPLE RESULTS**

Lab ID: L2331318-27
 Client ID: TMW-105
 Sample Location: 140 CORTLAND AVE, SYRACUSE, NY

Date Collected: 06/08/23 09:25
 Date Received: 06/08/23
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 1,8270E
 Analytical Date: 06/17/23 18:01
 Analyst: SZ

Extraction Method: EPA 3510C
 Extraction Date: 06/14/23 00:07

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.50	1
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.6	1
2,4-Dinitrotoluene	ND		ug/l	5.0	1.2	1
2,6-Dinitrotoluene	ND		ug/l	5.0	0.93	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.49	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.38	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.53	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.50	1
Hexachlorocyclopentadiene	ND		ug/l	20	0.69	1
Isophorone	ND		ug/l	5.0	1.2	1
Nitrobenzene	ND		ug/l	2.0	0.77	1
NDPA/DPA	ND		ug/l	2.0	0.42	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.64	1
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	1.5	1
Butyl benzyl phthalate	ND		ug/l	5.0	1.2	1
Di-n-butylphthalate	ND		ug/l	5.0	0.39	1
Di-n-octylphthalate	ND		ug/l	5.0	1.3	1
Diethyl phthalate	ND		ug/l	5.0	0.38	1
Dimethyl phthalate	ND		ug/l	5.0	1.8	1
Biphenyl	ND		ug/l	2.0	0.46	1
4-Chloroaniline	ND		ug/l	5.0	1.1	1
2-Nitroaniline	ND		ug/l	5.0	0.50	1
3-Nitroaniline	ND		ug/l	5.0	0.81	1
4-Nitroaniline	ND		ug/l	5.0	0.80	1
Dibenzofuran	ND		ug/l	2.0	0.50	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.44	1
Acetophenone	ND		ug/l	5.0	0.53	1
2,4,6-Trichlorophenol	ND		ug/l	5.0	0.61	1

Project Name: JMA ADDITIONAL INVESTIGATION**Lab Number:** L2331318**Project Number:** 059294**Report Date:** 07/05/23**SAMPLE RESULTS****Lab ID:** L2331318-27**Date Collected:** 06/08/23 09:25**Client ID:** TMW-105**Date Received:** 06/08/23**Sample Location:** 140 CORTLAND AVE, SYRACUSE, NY**Field Prep:** Not Specified**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	0.35	1
2-Chlorophenol	ND		ug/l	2.0	0.48	1
2,4-Dichlorophenol	ND		ug/l	5.0	0.41	1
2,4-Dimethylphenol	ND		ug/l	5.0	1.8	1
2-Nitrophenol	ND		ug/l	10	0.85	1
4-Nitrophenol	ND		ug/l	10	0.67	1
2,4-Dinitrophenol	ND		ug/l	20	6.6	1
4,6-Dinitro-o-cresol	ND		ug/l	10	1.8	1
Phenol	ND		ug/l	5.0	0.57	1
2-Methylphenol	ND		ug/l	5.0	0.49	1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	0.48	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	0.77	1
Carbazole	ND		ug/l	2.0	0.49	1
Atrazine	ND		ug/l	10	0.76	1
Benzaldehyde	ND		ug/l	5.0	0.53	1
Caprolactam	ND		ug/l	10	3.3	1
2,3,4,6-Tetrachlorophenol	ND		ug/l	5.0	0.84	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	54		21-120
Phenol-d6	47		10-120
Nitrobenzene-d5	77		23-120
2-Fluorobiphenyl	89		15-120
2,4,6-Tribromophenol	120		10-120
4-Terphenyl-d14	86		41-149

Project Name: JMA ADDITIONAL INVESTIGATION**Lab Number:** L2331318**Project Number:** 059294**Report Date:** 07/05/23**SAMPLE RESULTS**

Lab ID: L2331318-27
 Client ID: TMW-105
 Sample Location: 140 CORTLAND AVE, SYRACUSE, NY

Date Collected: 06/08/23 09:25
 Date Received: 06/08/23
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 1,8270E-SIM
 Analytical Date: 06/16/23 18:23
 Analyst: DV

Extraction Method: EPA 3510C
 Extraction Date: 06/14/23 00:09

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

Project Name: JMA ADDITIONAL INVESTIGATION**Lab Number:** L2331318**Project Number:** 059294**Report Date:** 07/05/23**SAMPLE RESULTS****Lab ID:** L2331318-27**Date Collected:** 06/08/23 09:25**Client ID:** TMW-105**Date Received:** 06/08/23**Sample Location:** 140 CORTLAND AVE, SYRACUSE, NY**Field Prep:** Not Specified**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	58		21-120
Phenol-d6	58		10-120
Nitrobenzene-d5	113		23-120
2-Fluorobiphenyl	102		15-120
2,4,6-Tribromophenol	106		10-120
4-Terphenyl-d14	119		41-149

Project Name: JMA ADDITIONAL INVESTIGATION**Lab Number:** L2331318**Project Number:** 059294**Report Date:** 07/05/23**SAMPLE RESULTS**

Lab ID: L2331318-28
 Client ID: TMW-112
 Sample Location: 140 CORTLAND AVE, SYRACUSE, NY

Date Collected: 06/08/23 13:30
 Date Received: 06/08/23
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 1,8270E
 Analytical Date: 06/17/23 18:24
 Analyst: SZ

Extraction Method: EPA 3510C
 Extraction Date: 06/14/23 00:07

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.50	1
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.6	1
2,4-Dinitrotoluene	ND		ug/l	5.0	1.2	1
2,6-Dinitrotoluene	ND		ug/l	5.0	0.93	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.49	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.38	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.53	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.50	1
Hexachlorocyclopentadiene	ND		ug/l	20	0.69	1
Isophorone	ND		ug/l	5.0	1.2	1
Nitrobenzene	ND		ug/l	2.0	0.77	1
NDPA/DPA	ND		ug/l	2.0	0.42	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.64	1
Bis(2-ethylhexyl)phthalate	1.8	J	ug/l	3.0	1.5	1
Butyl benzyl phthalate	ND		ug/l	5.0	1.2	1
Di-n-butylphthalate	ND		ug/l	5.0	0.39	1
Di-n-octylphthalate	ND		ug/l	5.0	1.3	1
Diethyl phthalate	ND		ug/l	5.0	0.38	1
Dimethyl phthalate	ND		ug/l	5.0	1.8	1
Biphenyl	ND		ug/l	2.0	0.46	1
4-Chloroaniline	ND		ug/l	5.0	1.1	1
2-Nitroaniline	ND		ug/l	5.0	0.50	1
3-Nitroaniline	ND		ug/l	5.0	0.81	1
4-Nitroaniline	ND		ug/l	5.0	0.80	1
Dibenzofuran	ND		ug/l	2.0	0.50	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.44	1
Acetophenone	ND		ug/l	5.0	0.53	1
2,4,6-Trichlorophenol	ND		ug/l	5.0	0.61	1

Project Name: JMA ADDITIONAL INVESTIGATION**Lab Number:** L2331318**Project Number:** 059294**Report Date:** 07/05/23**SAMPLE RESULTS****Lab ID:** L2331318-28**Date Collected:** 06/08/23 13:30**Client ID:** TMW-112**Date Received:** 06/08/23**Sample Location:** 140 CORTLAND AVE, SYRACUSE, NY**Field Prep:** Not Specified**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	0.35	1
2-Chlorophenol	ND		ug/l	2.0	0.48	1
2,4-Dichlorophenol	ND		ug/l	5.0	0.41	1
2,4-Dimethylphenol	ND		ug/l	5.0	1.8	1
2-Nitrophenol	ND		ug/l	10	0.85	1
4-Nitrophenol	ND		ug/l	10	0.67	1
2,4-Dinitrophenol	ND		ug/l	20	6.6	1
4,6-Dinitro-o-cresol	ND		ug/l	10	1.8	1
Phenol	ND		ug/l	5.0	0.57	1
2-Methylphenol	ND		ug/l	5.0	0.49	1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	0.48	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	0.77	1
Carbazole	ND		ug/l	2.0	0.49	1
Atrazine	ND		ug/l	10	0.76	1
Benzaldehyde	ND		ug/l	5.0	0.53	1
Caprolactam	8.3	J	ug/l	10	3.3	1
2,3,4,6-Tetrachlorophenol	ND		ug/l	5.0	0.84	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	45		21-120
Phenol-d6	48		10-120
Nitrobenzene-d5	80		23-120
2-Fluorobiphenyl	101		15-120
2,4,6-Tribromophenol	63		10-120
4-Terphenyl-d14	95		41-149

Project Name: JMA ADDITIONAL INVESTIGATION**Lab Number:** L2331318**Project Number:** 059294**Report Date:** 07/05/23**SAMPLE RESULTS**

Lab ID: L2331318-28
 Client ID: TMW-112
 Sample Location: 140 CORTLAND AVE, SYRACUSE, NY

Date Collected: 06/08/23 13:30
 Date Received: 06/08/23
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 1,8270E-SIM
 Analytical Date: 06/16/23 18:39
 Analyst: DV

Extraction Method: EPA 3510C
 Extraction Date: 06/14/23 00:09

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	0.28		ug/l	0.10	0.01	1
2-Chloronaphthalene	ND		ug/l	0.20	0.02	1
Fluoranthene	0.37		ug/l	0.10	0.02	1
Hexachlorobutadiene	ND		ug/l	0.50	0.05	1
Naphthalene	0.06	J	ug/l	0.10	0.05	1
Benzo(a)anthracene	0.08	J	ug/l	0.10	0.02	1
Benzo(a)pyrene	0.08	J	ug/l	0.10	0.02	1
Benzo(b)fluoranthene	0.09	J	ug/l	0.10	0.01	1
Benzo(k)fluoranthene	0.04	J	ug/l	0.10	0.01	1
Chrysene	0.08	J	ug/l	0.10	0.01	1
Acenaphthylene	0.03	J	ug/l	0.10	0.01	1
Anthracene	0.15		ug/l	0.10	0.01	1
Benzo(ghi)perylene	0.06	J	ug/l	0.10	0.01	1
Fluorene	0.18		ug/l	0.10	0.01	1
Phenanthrene	0.19		ug/l	0.10	0.02	1
Dibenzo(a,h)anthracene	0.03	J	ug/l	0.10	0.01	1
Indeno(1,2,3-cd)pyrene	0.06	J	ug/l	0.10	0.01	1
Pyrene	0.29		ug/l	0.10	0.02	1
2-Methylnaphthalene	0.03	J	ug/l	0.10	0.02	1
Pentachlorophenol	ND		ug/l	0.80	0.01	1
Hexachlorobenzene	ND		ug/l	0.80	0.01	1
Hexachloroethane	ND		ug/l	0.80	0.06	1

Project Name: JMA ADDITIONAL INVESTIGATION**Lab Number:** L2331318**Project Number:** 059294**Report Date:** 07/05/23**SAMPLE RESULTS**

Lab ID: L2331318-28

Date Collected: 06/08/23 13:30

Client ID: TMW-112

Date Received: 06/08/23

Sample Location: 140 CORTLAND AVE, SYRACUSE, NY

Field Prep: Not Specified

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	59		21-120
Phenol-d6	50		10-120
Nitrobenzene-d5	90		23-120
2-Fluorobiphenyl	89		15-120
2,4,6-Tribromophenol	144	Q	10-120
4-Terphenyl-d14	101		41-149

Project Name: JMA ADDITIONAL INVESTIGATION**Lab Number:** L2331318**Project Number:** 059294**Report Date:** 07/05/23**SAMPLE RESULTS**

Lab ID: L2331318-29
 Client ID: TMW-101
 Sample Location: 140 CORTLAND AVE, SYRACUSE, NY

Date Collected: 06/08/23 08:30
 Date Received: 06/08/23
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 1,8270E
 Analytical Date: 06/14/23 22:00
 Analyst: SZ

Extraction Method: EPA 3510C
 Extraction Date: 06/14/23 00:07

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.50	1
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.6	1
2,4-Dinitrotoluene	ND		ug/l	5.0	1.2	1
2,6-Dinitrotoluene	ND		ug/l	5.0	0.93	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.49	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.38	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.53	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.50	1
Hexachlorocyclopentadiene	ND		ug/l	20	0.69	1
Isophorone	ND		ug/l	5.0	1.2	1
Nitrobenzene	ND		ug/l	2.0	0.77	1
NDPA/DPA	ND		ug/l	2.0	0.42	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.64	1
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	1.5	1
Butyl benzyl phthalate	ND		ug/l	5.0	1.2	1
Di-n-butylphthalate	ND		ug/l	5.0	0.39	1
Di-n-octylphthalate	ND		ug/l	5.0	1.3	1
Diethyl phthalate	ND		ug/l	5.0	0.38	1
Dimethyl phthalate	ND		ug/l	5.0	1.8	1
Biphenyl	ND		ug/l	2.0	0.46	1
4-Chloroaniline	ND		ug/l	5.0	1.1	1
2-Nitroaniline	ND		ug/l	5.0	0.50	1
3-Nitroaniline	ND		ug/l	5.0	0.81	1
4-Nitroaniline	ND		ug/l	5.0	0.80	1
Dibenzofuran	ND		ug/l	2.0	0.50	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.44	1
Acetophenone	ND		ug/l	5.0	0.53	1
2,4,6-Trichlorophenol	ND		ug/l	5.0	0.61	1

Project Name: JMA ADDITIONAL INVESTIGATION**Lab Number:** L2331318**Project Number:** 059294**Report Date:** 07/05/23**SAMPLE RESULTS****Lab ID:** L2331318-29**Date Collected:** 06/08/23 08:30**Client ID:** TMW-101**Date Received:** 06/08/23**Sample Location:** 140 CORTLAND AVE, SYRACUSE, NY**Field Prep:** Not Specified**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	0.35	1
2-Chlorophenol	ND		ug/l	2.0	0.48	1
2,4-Dichlorophenol	ND		ug/l	5.0	0.41	1
2,4-Dimethylphenol	ND		ug/l	5.0	1.8	1
2-Nitrophenol	ND		ug/l	10	0.85	1
4-Nitrophenol	ND		ug/l	10	0.67	1
2,4-Dinitrophenol	ND		ug/l	20	6.6	1
4,6-Dinitro-o-cresol	ND		ug/l	10	1.8	1
Phenol	ND		ug/l	5.0	0.57	1
2-Methylphenol	ND		ug/l	5.0	0.49	1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	0.48	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	0.77	1
Carbazole	ND		ug/l	2.0	0.49	1
Atrazine	ND		ug/l	10	0.76	1
Benzaldehyde	ND		ug/l	5.0	0.53	1
Caprolactam	4.9	J	ug/l	10	3.3	1
2,3,4,6-Tetrachlorophenol	ND		ug/l	5.0	0.84	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	48		21-120
Phenol-d6	36		10-120
Nitrobenzene-d5	61		23-120
2-Fluorobiphenyl	67		15-120
2,4,6-Tribromophenol	58		10-120
4-Terphenyl-d14	69		41-149

Project Name: JMA ADDITIONAL INVESTIGATION**Lab Number:** L2331318**Project Number:** 059294**Report Date:** 07/05/23**SAMPLE RESULTS**

Lab ID: L2331318-29
 Client ID: TMW-101
 Sample Location: 140 CORTLAND AVE, SYRACUSE, NY

Date Collected: 06/08/23 08:30
 Date Received: 06/08/23
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 1,8270E-SIM
 Analytical Date: 06/15/23 15:56
 Analyst: DV

Extraction Method: EPA 3510C
 Extraction Date: 06/14/23 00:09

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

Project Name: JMA ADDITIONAL INVESTIGATION**Lab Number:** L2331318**Project Number:** 059294**Report Date:** 07/05/23**SAMPLE RESULTS**

Lab ID: L2331318-29

Date Collected: 06/08/23 08:30

Client ID: TMW-101

Date Received: 06/08/23

Sample Location: 140 CORTLAND AVE, SYRACUSE, NY

Field Prep: Not Specified

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	43		21-120
Phenol-d6	35		10-120
Nitrobenzene-d5	70		23-120
2-Fluorobiphenyl	75		15-120
2,4,6-Tribromophenol	102		10-120
4-Terphenyl-d14	80		41-149

Project Name: JMA ADDITIONAL INVESTIGATION**Lab Number:** L2331318**Project Number:** 059294**Report Date:** 07/05/23**SAMPLE RESULTS**

Lab ID: L2331318-30
 Client ID: TMW-111
 Sample Location: 140 CORTLAND AVE, SYRACUSE, NY

Date Collected: 06/08/23 15:00
 Date Received: 06/08/23
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 1,8270E
 Analytical Date: 06/14/23 22:25
 Analyst: SZ

Extraction Method: EPA 3510C
 Extraction Date: 06/14/23 00:07

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.50	1
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.6	1
2,4-Dinitrotoluene	ND		ug/l	5.0	1.2	1
2,6-Dinitrotoluene	ND		ug/l	5.0	0.93	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.49	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.38	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.53	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.50	1
Hexachlorocyclopentadiene	ND		ug/l	20	0.69	1
Isophorone	ND		ug/l	5.0	1.2	1
Nitrobenzene	ND		ug/l	2.0	0.77	1
NDPA/DPA	ND		ug/l	2.0	0.42	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.64	1
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	1.5	1
Butyl benzyl phthalate	ND		ug/l	5.0	1.2	1
Di-n-butylphthalate	ND		ug/l	5.0	0.39	1
Di-n-octylphthalate	ND		ug/l	5.0	1.3	1
Diethyl phthalate	ND		ug/l	5.0	0.38	1
Dimethyl phthalate	ND		ug/l	5.0	1.8	1
Biphenyl	ND		ug/l	2.0	0.46	1
4-Chloroaniline	ND		ug/l	5.0	1.1	1
2-Nitroaniline	ND		ug/l	5.0	0.50	1
3-Nitroaniline	ND		ug/l	5.0	0.81	1
4-Nitroaniline	ND		ug/l	5.0	0.80	1
Dibenzofuran	ND		ug/l	2.0	0.50	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.44	1
Acetophenone	ND		ug/l	5.0	0.53	1
2,4,6-Trichlorophenol	ND		ug/l	5.0	0.61	1

Project Name: JMA ADDITIONAL INVESTIGATION**Lab Number:** L2331318**Project Number:** 059294**Report Date:** 07/05/23**SAMPLE RESULTS****Lab ID:** L2331318-30**Date Collected:** 06/08/23 15:00**Client ID:** TMW-111**Date Received:** 06/08/23**Sample Location:** 140 CORTLAND AVE, SYRACUSE, NY**Field Prep:** Not Specified**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	0.35	1
2-Chlorophenol	ND		ug/l	2.0	0.48	1
2,4-Dichlorophenol	ND		ug/l	5.0	0.41	1
2,4-Dimethylphenol	ND		ug/l	5.0	1.8	1
2-Nitrophenol	ND		ug/l	10	0.85	1
4-Nitrophenol	ND		ug/l	10	0.67	1
2,4-Dinitrophenol	ND		ug/l	20	6.6	1
4,6-Dinitro-o-cresol	ND		ug/l	10	1.8	1
Phenol	ND		ug/l	5.0	0.57	1
2-Methylphenol	ND		ug/l	5.0	0.49	1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	0.48	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	0.77	1
Carbazole	ND		ug/l	2.0	0.49	1
Atrazine	ND		ug/l	10	0.76	1
Benzaldehyde	ND		ug/l	5.0	0.53	1
Caprolactam	5.0	J	ug/l	10	3.3	1
2,3,4,6-Tetrachlorophenol	ND		ug/l	5.0	0.84	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	32		21-120
Phenol-d6	26		10-120
Nitrobenzene-d5	49		23-120
2-Fluorobiphenyl	55		15-120
2,4,6-Tribromophenol	41		10-120
4-Terphenyl-d14	63		41-149

Project Name: JMA ADDITIONAL INVESTIGATION**Lab Number:** L2331318**Project Number:** 059294**Report Date:** 07/05/23**SAMPLE RESULTS**

Lab ID: L2331318-30
 Client ID: TMW-111
 Sample Location: 140 CORTLAND AVE, SYRACUSE, NY

Date Collected: 06/08/23 15:00
 Date Received: 06/08/23
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 1,8270E-SIM
 Analytical Date: 06/15/23 16:13
 Analyst: DV

Extraction Method: EPA 3510C
 Extraction Date: 06/14/23 00:09

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

Project Name: JMA ADDITIONAL INVESTIGATION**Lab Number:** L2331318**Project Number:** 059294**Report Date:** 07/05/23**SAMPLE RESULTS**

Lab ID: L2331318-30

Date Collected: 06/08/23 15:00

Client ID: TMW-111

Date Received: 06/08/23

Sample Location: 140 CORTLAND AVE, SYRACUSE, NY

Field Prep: Not Specified

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	25		21-120
Phenol-d6	26		10-120
Nitrobenzene-d5	57		23-120
2-Fluorobiphenyl	63		15-120
2,4,6-Tribromophenol	54		10-120
4-Terphenyl-d14	73		41-149

Project Name: JMA ADDITIONAL INVESTIGATION**Lab Number:** L2331318**Project Number:** 059294**Report Date:** 07/05/23**SAMPLE RESULTS**

Lab ID: L2331318-31
 Client ID: TMW-117
 Sample Location: 140 CORTLAND AVE, SYRACUSE, NY

Date Collected: 06/08/23 12:40
 Date Received: 06/08/23
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 1,8270E
 Analytical Date: 06/17/23 18:47
 Analyst: SZ

Extraction Method: EPA 3510C
 Extraction Date: 06/14/23 00:07

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.50	1
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.6	1
2,4-Dinitrotoluene	ND		ug/l	5.0	1.2	1
2,6-Dinitrotoluene	ND		ug/l	5.0	0.93	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.49	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.38	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.53	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.50	1
Hexachlorocyclopentadiene	ND		ug/l	20	0.69	1
Isophorone	ND		ug/l	5.0	1.2	1
Nitrobenzene	ND		ug/l	2.0	0.77	1
NDPA/DPA	ND		ug/l	2.0	0.42	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.64	1
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	1.5	1
Butyl benzyl phthalate	ND		ug/l	5.0	1.2	1
Di-n-butylphthalate	ND		ug/l	5.0	0.39	1
Di-n-octylphthalate	ND		ug/l	5.0	1.3	1
Diethyl phthalate	ND		ug/l	5.0	0.38	1
Dimethyl phthalate	ND		ug/l	5.0	1.8	1
Biphenyl	ND		ug/l	2.0	0.46	1
4-Chloroaniline	ND		ug/l	5.0	1.1	1
2-Nitroaniline	ND		ug/l	5.0	0.50	1
3-Nitroaniline	ND		ug/l	5.0	0.81	1
4-Nitroaniline	ND		ug/l	5.0	0.80	1
Dibenzofuran	ND		ug/l	2.0	0.50	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.44	1
Acetophenone	ND		ug/l	5.0	0.53	1
2,4,6-Trichlorophenol	ND		ug/l	5.0	0.61	1

Project Name: JMA ADDITIONAL INVESTIGATION**Lab Number:** L2331318**Project Number:** 059294**Report Date:** 07/05/23**SAMPLE RESULTS****Lab ID:** L2331318-31**Date Collected:** 06/08/23 12:40**Client ID:** TMW-117**Date Received:** 06/08/23**Sample Location:** 140 CORTLAND AVE, SYRACUSE, NY**Field Prep:** Not Specified**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	0.35	1
2-Chlorophenol	ND		ug/l	2.0	0.48	1
2,4-Dichlorophenol	ND		ug/l	5.0	0.41	1
2,4-Dimethylphenol	ND		ug/l	5.0	1.8	1
2-Nitrophenol	ND		ug/l	10	0.85	1
4-Nitrophenol	ND		ug/l	10	0.67	1
2,4-Dinitrophenol	ND		ug/l	20	6.6	1
4,6-Dinitro-o-cresol	ND		ug/l	10	1.8	1
Phenol	ND		ug/l	5.0	0.57	1
2-Methylphenol	ND		ug/l	5.0	0.49	1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	0.48	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	0.77	1
Carbazole	ND		ug/l	2.0	0.49	1
Atrazine	ND		ug/l	10	0.76	1
Benzaldehyde	ND		ug/l	5.0	0.53	1
Caprolactam	3.4	J	ug/l	10	3.3	1
2,3,4,6-Tetrachlorophenol	ND		ug/l	5.0	0.84	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	48		21-120
Phenol-d6	37		10-120
Nitrobenzene-d5	61		23-120
2-Fluorobiphenyl	72		15-120
2,4,6-Tribromophenol	86		10-120
4-Terphenyl-d14	74		41-149

Project Name: JMA ADDITIONAL INVESTIGATION**Lab Number:** L2331318**Project Number:** 059294**Report Date:** 07/05/23**SAMPLE RESULTS**

Lab ID: L2331318-31
 Client ID: TMW-117
 Sample Location: 140 CORTLAND AVE, SYRACUSE, NY

Date Collected: 06/08/23 12:40
 Date Received: 06/08/23
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 1,8270E-SIM
 Analytical Date: 06/15/23 10:18
 Analyst: DV

Extraction Method: EPA 3510C
 Extraction Date: 06/14/23 00:09

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	0.24		ug/l	0.10	0.01	1
2-Chloronaphthalene	ND		ug/l	0.20	0.02	1
Fluoranthene	0.33		ug/l	0.10	0.02	1
Hexachlorobutadiene	ND		ug/l	0.50	0.05	1
Naphthalene	ND		ug/l	0.10	0.05	1
Benzo(a)anthracene	0.15		ug/l	0.10	0.02	1
Benzo(a)pyrene	0.14		ug/l	0.10	0.02	1
Benzo(b)fluoranthene	0.16		ug/l	0.10	0.01	1
Benzo(k)fluoranthene	0.06	J	ug/l	0.10	0.01	1
Chrysene	0.12		ug/l	0.10	0.01	1
Acenaphthylene	0.04	J	ug/l	0.10	0.01	1
Anthracene	0.07	J	ug/l	0.10	0.01	1
Benzo(ghi)perylene	0.09	J	ug/l	0.10	0.01	1
Fluorene	0.07	J	ug/l	0.10	0.01	1
Phenanthrene	0.20		ug/l	0.10	0.02	1
Dibenzo(a,h)anthracene	0.02	J	ug/l	0.10	0.01	1
Indeno(1,2,3-cd)pyrene	0.09	J	ug/l	0.10	0.01	1
Pyrene	0.29		ug/l	0.10	0.02	1
2-Methylnaphthalene	ND		ug/l	0.10	0.02	1
Pentachlorophenol	ND		ug/l	0.80	0.01	1
Hexachlorobenzene	ND		ug/l	0.80	0.01	1
Hexachloroethane	ND		ug/l	0.80	0.06	1

Project Name: JMA ADDITIONAL INVESTIGATION**Lab Number:** L2331318**Project Number:** 059294**Report Date:** 07/05/23**SAMPLE RESULTS**

Lab ID: L2331318-31

Date Collected: 06/08/23 12:40

Client ID: TMW-117

Date Received: 06/08/23

Sample Location: 140 CORTLAND AVE, SYRACUSE, NY

Field Prep: Not Specified

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	43		21-120
Phenol-d6	34		10-120
Nitrobenzene-d5	68		23-120
2-Fluorobiphenyl	68		15-120
2,4,6-Tribromophenol	108		10-120
4-Terphenyl-d14	75		41-149

Project Name: JMA ADDITIONAL INVESTIGATION**Lab Number:** L2331318**Project Number:** 059294**Report Date:** 07/05/23**SAMPLE RESULTS**

Lab ID: L2331318-32
 Client ID: TMW-114
 Sample Location: 140 CORTLAND AVE, SYRACUSE, NY

Date Collected: 06/08/23 14:00
 Date Received: 06/08/23
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 1,8270E
 Analytical Date: 06/15/23 19:12
 Analyst: CMM

Extraction Method: EPA 3510C
 Extraction Date: 06/14/23 10:45

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.50	1
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.6	1
2,4-Dinitrotoluene	ND		ug/l	5.0	1.2	1
2,6-Dinitrotoluene	ND		ug/l	5.0	0.93	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.49	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.38	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.53	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.50	1
Hexachlorocyclopentadiene	ND		ug/l	20	0.69	1
Isophorone	ND		ug/l	5.0	1.2	1
Nitrobenzene	ND		ug/l	2.0	0.77	1
NDPA/DPA	ND		ug/l	2.0	0.42	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.64	1
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	1.5	1
Butyl benzyl phthalate	ND		ug/l	5.0	1.2	1
Di-n-butylphthalate	ND		ug/l	5.0	0.39	1
Di-n-octylphthalate	ND		ug/l	5.0	1.3	1
Diethyl phthalate	ND		ug/l	5.0	0.38	1
Dimethyl phthalate	ND		ug/l	5.0	1.8	1
Biphenyl	ND		ug/l	2.0	0.46	1
4-Chloroaniline	ND		ug/l	5.0	1.1	1
2-Nitroaniline	ND		ug/l	5.0	0.50	1
3-Nitroaniline	ND		ug/l	5.0	0.81	1
4-Nitroaniline	ND		ug/l	5.0	0.80	1
Dibenzofuran	ND		ug/l	2.0	0.50	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.44	1
Acetophenone	ND		ug/l	5.0	0.53	1
2,4,6-Trichlorophenol	ND		ug/l	5.0	0.61	1

Project Name: JMA ADDITIONAL INVESTIGATION**Lab Number:** L2331318**Project Number:** 059294**Report Date:** 07/05/23**SAMPLE RESULTS****Lab ID:** L2331318-32**Date Collected:** 06/08/23 14:00**Client ID:** TMW-114**Date Received:** 06/08/23**Sample Location:** 140 CORTLAND AVE, SYRACUSE, NY**Field Prep:** Not Specified**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	0.35	1
2-Chlorophenol	ND		ug/l	2.0	0.48	1
2,4-Dichlorophenol	ND		ug/l	5.0	0.41	1
2,4-Dimethylphenol	ND		ug/l	5.0	1.8	1
2-Nitrophenol	ND		ug/l	10	0.85	1
4-Nitrophenol	ND		ug/l	10	0.67	1
2,4-Dinitrophenol	ND		ug/l	20	6.6	1
4,6-Dinitro-o-cresol	ND		ug/l	10	1.8	1
Phenol	ND		ug/l	5.0	0.57	1
2-Methylphenol	ND		ug/l	5.0	0.49	1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	0.48	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	0.77	1
Carbazole	ND		ug/l	2.0	0.49	1
Atrazine	ND		ug/l	10	0.76	1
Benzaldehyde	ND		ug/l	5.0	0.53	1
Caprolactam	5.6	J	ug/l	10	3.3	1
2,3,4,6-Tetrachlorophenol	ND		ug/l	5.0	0.84	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	60		21-120
Phenol-d6	52		10-120
Nitrobenzene-d5	73		23-120
2-Fluorobiphenyl	78		15-120
2,4,6-Tribromophenol	86		10-120
4-Terphenyl-d14	68		41-149

Project Name: JMA ADDITIONAL INVESTIGATION**Lab Number:** L2331318**Project Number:** 059294**Report Date:** 07/05/23**SAMPLE RESULTS**

Lab ID: L2331318-32
 Client ID: TMW-114
 Sample Location: 140 CORTLAND AVE, SYRACUSE, NY

Date Collected: 06/08/23 14:00
 Date Received: 06/08/23
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 1,8270E-SIM
 Analytical Date: 06/16/23 18:56
 Analyst: DV

Extraction Method: EPA 3510C
 Extraction Date: 06/14/23 10:45

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	0.07	J	ug/l	0.10	0.01	1
2-Chloronaphthalene	ND		ug/l	0.20	0.02	1
Fluoranthene	0.56		ug/l	0.10	0.02	1
Hexachlorobutadiene	ND		ug/l	0.50	0.05	1
Naphthalene	ND		ug/l	0.10	0.05	1
Benzo(a)anthracene	0.19		ug/l	0.10	0.02	1
Benzo(a)pyrene	0.20		ug/l	0.10	0.02	1
Benzo(b)fluoranthene	0.23		ug/l	0.10	0.01	1
Benzo(k)fluoranthene	0.08	J	ug/l	0.10	0.01	1
Chrysene	0.18		ug/l	0.10	0.01	1
Acenaphthylene	0.02	J	ug/l	0.10	0.01	1
Anthracene	0.16		ug/l	0.10	0.01	1
Benzo(ghi)perylene	0.09	J	ug/l	0.10	0.01	1
Fluorene	0.08	J	ug/l	0.10	0.01	1
Phenanthrene	0.51		ug/l	0.10	0.02	1
Dibenzo(a,h)anthracene	0.03	J	ug/l	0.10	0.01	1
Indeno(1,2,3-cd)pyrene	0.10	J	ug/l	0.10	0.01	1
Pyrene	0.48		ug/l	0.10	0.02	1
2-Methylnaphthalene	0.02	J	ug/l	0.10	0.02	1
Pentachlorophenol	ND		ug/l	0.80	0.01	1
Hexachlorobenzene	ND		ug/l	0.80	0.01	1
Hexachloroethane	ND		ug/l	0.80	0.06	1

Project Name: JMA ADDITIONAL INVESTIGATION**Lab Number:** L2331318**Project Number:** 059294**Report Date:** 07/05/23**SAMPLE RESULTS**

Lab ID: L2331318-32

Date Collected: 06/08/23 14:00

Client ID: TMW-114

Date Received: 06/08/23

Sample Location: 140 CORTLAND AVE, SYRACUSE, NY

Field Prep: Not Specified

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	62		21-120
Phenol-d6	57		10-120
Nitrobenzene-d5	93		23-120
2-Fluorobiphenyl	84		15-120
2,4,6-Tribromophenol	107		10-120
4-Terphenyl-d14	92		41-149

Project Name: JMA ADDITIONAL INVESTIGATION
Project Number: 059294

Lab Number: L2331318
Report Date: 07/05/23

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 06/09/23 18:38
Analyst: JG

Extraction Method: EPA 3546
Extraction Date: 06/08/23 15:21

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 17,22-23,25 Batch: WG1788928-1					
Acenaphthene	ND		ug/kg	130	17.
Hexachlorobenzene	ND		ug/kg	98	18.
Bis(2-chloroethyl)ether	ND		ug/kg	150	22.
2-Chloronaphthalene	ND		ug/kg	160	16.
3,3'-Dichlorobenzidine	ND		ug/kg	160	44.
2,4-Dinitrotoluene	ND		ug/kg	160	33.
2,6-Dinitrotoluene	ND		ug/kg	160	28.
Fluoranthene	ND		ug/kg	98	19.
4-Chlorophenyl phenyl ether	ND		ug/kg	160	18.
4-Bromophenyl phenyl ether	ND		ug/kg	160	25.
Bis(2-chloroisopropyl)ether	ND		ug/kg	200	28.
Bis(2-chloroethoxy)methane	ND		ug/kg	180	16.
Hexachlorobutadiene	ND		ug/kg	160	24.
Hexachlorocyclopentadiene	ND		ug/kg	470	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	19.
n-Nitrosodi-n-propylamine	ND		ug/kg	160	25.
Bis(2-ethylhexyl)phthalate	ND		ug/kg	160	57.
Butyl benzyl phthalate	ND		ug/kg	160	41.
Di-n-butylphthalate	ND		ug/kg	160	31.
Di-n-octylphthalate	ND		ug/kg	160	56.
Diethyl phthalate	ND		ug/kg	160	15.
Dimethyl phthalate	ND		ug/kg	160	34.
Benzo(a)anthracene	ND		ug/kg	98	18.
Benzo(a)pyrene	ND		ug/kg	130	40.
Benzo(b)fluoranthene	ND		ug/kg	98	28.

Project Name: JMA ADDITIONAL INVESTIGATION
Project Number: 059294

Lab Number: L2331318
Report Date: 07/05/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 06/09/23 18:38
Analyst: JG

Extraction Method: EPA 3546
Extraction Date: 06/08/23 15:21

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 17,22-23,25 Batch: WG1788928-1					
Benzo(k)fluoranthene	ND		ug/kg	98	26.
Chrysene	ND		ug/kg	98	17.
Acenaphthylene	ND		ug/kg	130	25.
Anthracene	ND		ug/kg	98	32.
Benzo(ghi)perylene	ND		ug/kg	130	19.
Fluorene	ND		ug/kg	160	16.
Phenanthrene	ND		ug/kg	98	20.
Dibenzo(a,h)anthracene	ND		ug/kg	98	19.
Indeno(1,2,3-cd)pyrene	ND		ug/kg	130	23.
Pyrene	ND		ug/kg	98	16.
Biphenyl	ND		ug/kg	370	21.
4-Chloroaniline	ND		ug/kg	160	30.
2-Nitroaniline	ND		ug/kg	160	32.
3-Nitroaniline	ND		ug/kg	160	31.
4-Nitroaniline	ND		ug/kg	160	68.
Dibenzofuran	ND		ug/kg	160	16.
2-Methylnaphthalene	ND		ug/kg	200	20.
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	160	17.
Acetophenone	ND		ug/kg	160	20.
2,4,6-Trichlorophenol	ND		ug/kg	98	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	62.
4-Nitrophenol	ND		ug/kg	230	67.
2,4-Dinitrophenol	ND		ug/kg	790	76.
4,6-Dinitro-o-cresol	ND		ug/kg	430	79.
Pentachlorophenol	ND		ug/kg	130	36.

Project Name: JMA ADDITIONAL INVESTIGATION
Project Number: 059294

Lab Number: L2331318
Report Date: 07/05/23

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8270E
 Analytical Date: 06/09/23 18:38
 Analyst: JG

Extraction Method: EPA 3546
 Extraction Date: 06/08/23 15:21

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 17,22-23,25 Batch: WG1788928-1					
Phenol	ND		ug/kg	160	25.
2-Methylphenol	ND		ug/kg	160	25.
3-Methylphenol/4-Methylphenol	ND		ug/kg	240	26.
2,4,5-Trichlorophenol	ND		ug/kg	160	31.
Carbazole	ND		ug/kg	160	16.
Atrazine	ND		ug/kg	130	57.
Benzaldehyde	ND		ug/kg	220	44.
Caprolactam	ND		ug/kg	160	50.
2,3,4,6-Tetrachlorophenol	ND		ug/kg	160	33.

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	92		25-120
Phenol-d6	87		10-120
Nitrobenzene-d5	76		23-120
2-Fluorobiphenyl	75		30-120
2,4,6-Tribromophenol	73		10-136
4-Terphenyl-d14	77		18-120

Project Name: JMA ADDITIONAL INVESTIGATION
Project Number: 059294

Lab Number: L2331318
Report Date: 07/05/23

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 06/15/23 09:34
Analyst: SLR

Extraction Method: EPA 3546
Extraction Date: 06/08/23 23:48

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-16,18,20-21,24 Batch: WG1789045-1					
Acenaphthene	ND		ug/kg	130	17.
Hexachlorobenzene	ND		ug/kg	98	18.
Bis(2-chloroethyl)ether	ND		ug/kg	150	22.
2-Chloronaphthalene	ND		ug/kg	160	16.
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	98	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	200	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.
Dimethyl phthalate	ND		ug/kg	160	34.
Benzo(a)anthracene	ND		ug/kg	98	18.
Benzo(a)pyrene	ND		ug/kg	130	40.
Benzo(b)fluoranthene	ND		ug/kg	98	27.

Project Name: JMA ADDITIONAL INVESTIGATION
Project Number: 059294

Lab Number: L2331318
Report Date: 07/05/23

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 06/15/23 09:34
Analyst: SLR

Extraction Method: EPA 3546
Extraction Date: 06/08/23 23:48

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-16,18,20-21,24 Batch: WG1789045-1					
Benzo(k)fluoranthene	ND		ug/kg	98	26.
Chrysene	ND		ug/kg	98	17.
Acenaphthylene	ND		ug/kg	130	25.
Anthracene	ND		ug/kg	98	32.
Benzo(ghi)perylene	ND		ug/kg	130	19.
Fluorene	ND		ug/kg	160	16.
Phenanthrene	ND		ug/kg	98	20.
Dibenzo(a,h)anthracene	ND		ug/kg	98	19.
Indeno(1,2,3-cd)pyrene	ND		ug/kg	130	23.
Pyrene	ND		ug/kg	98	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	200	20.
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	160	17.
Acetophenone	ND		ug/kg	160	20.
2,4,6-Trichlorophenol	ND		ug/kg	98	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.
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.

Project Name: JMA ADDITIONAL INVESTIGATION
Project Number: 059294

Lab Number: L2331318
Report Date: 07/05/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 06/15/23 09:34
Analyst: SLR

Extraction Method: EPA 3546
Extraction Date: 06/08/23 23:48

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-16,18,20-21,24 Batch: WG1789045-1					
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.
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.

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	82		25-120
Phenol-d6	80		10-120
Nitrobenzene-d5	86		23-120
2-Fluorobiphenyl	77		30-120
2,4,6-Tribromophenol	71		10-136
4-Terphenyl-d14	73		18-120

Project Name: JMA ADDITIONAL INVESTIGATION
Project Number: 059294

Lab Number: L2331318
Report Date: 07/05/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 06/14/23 19:52
Analyst: SZ

Extraction Method: EPA 3510C
Extraction Date: 06/14/23 00:07

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 26-32 Batch: WG1790916-1					
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.50
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.6
2,4-Dinitrotoluene	ND		ug/l	5.0	1.2
2,6-Dinitrotoluene	ND		ug/l	5.0	0.93
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.49
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.38
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.53
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.50
Hexachlorocyclopentadiene	ND		ug/l	20	0.69
Isophorone	ND		ug/l	5.0	1.2
Nitrobenzene	ND		ug/l	2.0	0.77
NDPA/DPA	ND		ug/l	2.0	0.42
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.64
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	1.5
Butyl benzyl phthalate	ND		ug/l	5.0	1.2
Di-n-butylphthalate	ND		ug/l	5.0	0.39
Di-n-octylphthalate	ND		ug/l	5.0	1.3
Diethyl phthalate	ND		ug/l	5.0	0.38
Dimethyl phthalate	ND		ug/l	5.0	1.8
Biphenyl	ND		ug/l	2.0	0.46
4-Chloroaniline	ND		ug/l	5.0	1.1
2-Nitroaniline	ND		ug/l	5.0	0.50
3-Nitroaniline	ND		ug/l	5.0	0.81
4-Nitroaniline	ND		ug/l	5.0	0.80
Dibenzofuran	ND		ug/l	2.0	0.50
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.44
Acetophenone	ND		ug/l	5.0	0.53
2,4,6-Trichlorophenol	ND		ug/l	5.0	0.61
p-Chloro-m-cresol	ND		ug/l	2.0	0.35

Project Name: JMA ADDITIONAL INVESTIGATION
Project Number: 059294

Lab Number: L2331318
Report Date: 07/05/23

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 06/14/23 19:52
Analyst: SZ

Extraction Method: EPA 3510C
Extraction Date: 06/14/23 00:07

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 26-32 Batch: WG1790916-1					
2-Chlorophenol	ND		ug/l	2.0	0.48
2,4-Dichlorophenol	ND		ug/l	5.0	0.41
2,4-Dimethylphenol	ND		ug/l	5.0	1.8
2-Nitrophenol	ND		ug/l	10	0.85
4-Nitrophenol	ND		ug/l	10	0.67
2,4-Dinitrophenol	ND		ug/l	20	6.6
4,6-Dinitro-o-cresol	ND		ug/l	10	1.8
Phenol	ND		ug/l	5.0	0.57
2-Methylphenol	ND		ug/l	5.0	0.49
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	0.48
2,4,5-Trichlorophenol	ND		ug/l	5.0	0.77
Carbazole	ND		ug/l	2.0	0.49
Atrazine	ND		ug/l	10	0.76
Benzaldehyde	ND		ug/l	5.0	0.53
Caprolactam	ND		ug/l	10	3.3
2,3,4,6-Tetrachlorophenol	ND		ug/l	5.0	0.84

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	50		21-120
Phenol-d6	38		10-120
Nitrobenzene-d5	67		23-120
2-Fluorobiphenyl	73		15-120
2,4,6-Tribromophenol	64		10-120
4-Terphenyl-d14	70		41-149

Project Name: JMA ADDITIONAL INVESTIGATION
Project Number: 059294

Lab Number: L2331318
Report Date: 07/05/23

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8270E-SIM
Analytical Date: 06/14/23 17:53
Analyst: DV

Extraction Method: EPA 3510C
Extraction Date: 06/14/23 00:09

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS-SIM - Westborough Lab for sample(s): 26-32 Batch: WG1790918-1					
Acenaphthene	ND		ug/l	0.10	0.01
2-Chloronaphthalene	ND		ug/l	0.20	0.02
Fluoranthene	ND		ug/l	0.10	0.02
Hexachlorobutadiene	ND		ug/l	0.50	0.05
Naphthalene	ND		ug/l	0.10	0.05
Benzo(a)anthracene	ND		ug/l	0.10	0.02
Benzo(a)pyrene	0.02	J	ug/l	0.10	0.02
Benzo(b)fluoranthene	0.02	J	ug/l	0.10	0.01
Benzo(k)fluoranthene	0.03	J	ug/l	0.10	0.01
Chrysene	ND		ug/l	0.10	0.01
Acenaphthylene	ND		ug/l	0.10	0.01
Anthracene	ND		ug/l	0.10	0.01
Benzo(ghi)perylene	0.03	J	ug/l	0.10	0.01
Fluorene	ND		ug/l	0.10	0.01
Phenanthrene	ND		ug/l	0.10	0.02
Dibenzo(a,h)anthracene	0.04	J	ug/l	0.10	0.01
Indeno(1,2,3-cd)pyrene	0.03	J	ug/l	0.10	0.01
Pyrene	ND		ug/l	0.10	0.02
2-Methylnaphthalene	ND		ug/l	0.10	0.02
Pentachlorophenol	ND		ug/l	0.80	0.01
Hexachlorobenzene	ND		ug/l	0.80	0.01
Hexachloroethane	ND		ug/l	0.80	0.06

Project Name: JMA ADDITIONAL INVESTIGATION
Project Number: 059294

Lab Number: L2331318
Report Date: 07/05/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E-SIM
 Analytical Date: 06/14/23 17:53
 Analyst: DV

Extraction Method: EPA 3510C
 Extraction Date: 06/14/23 00:09

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS-SIM - Westborough Lab for sample(s): 26-32 Batch: WG1790918-1					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	52		21-120
Phenol-d6	42		10-120
Nitrobenzene-d5	88		23-120
2-Fluorobiphenyl	78		15-120
2,4,6-Tribromophenol	109		10-120
4-Terphenyl-d14	86		41-149

Project Name: JMA ADDITIONAL INVESTIGATION
Project Number: 059294

Lab Number: L2331318
Report Date: 07/05/23

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 06/22/23 09:54
Analyst: EJL

Extraction Method: EPA 3546
Extraction Date: 06/18/23 12:20

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 19 Batch: WG1792852-1					
Acenaphthene	ND		ug/kg	130	17.
Hexachlorobenzene	ND		ug/kg	100	18.
Bis(2-chloroethyl)ether	ND		ug/kg	150	22.
2-Chloronaphthalene	ND		ug/kg	160	16.
3,3'-Dichlorobenzidine	ND		ug/kg	160	44.
2,4-Dinitrotoluene	ND		ug/kg	160	33.
2,6-Dinitrotoluene	ND		ug/kg	160	28.
Fluoranthene	ND		ug/kg	100	19.
4-Chlorophenyl phenyl ether	ND		ug/kg	160	18.
4-Bromophenyl phenyl ether	ND		ug/kg	160	25.
Bis(2-chloroisopropyl)ether	ND		ug/kg	200	28.
Bis(2-chloroethoxy)methane	ND		ug/kg	180	17.
Hexachlorobutadiene	ND		ug/kg	160	24.
Hexachlorocyclopentadiene	ND		ug/kg	470	150
Hexachloroethane	ND		ug/kg	130	27.
Isophorone	ND		ug/kg	150	22.
Naphthalene	ND		ug/kg	160	20.
Nitrobenzene	ND		ug/kg	150	24.
NDPA/DPA	ND		ug/kg	130	19.
n-Nitrosodi-n-propylamine	ND		ug/kg	160	26.
Bis(2-ethylhexyl)phthalate	ND		ug/kg	160	57.
Butyl benzyl phthalate	ND		ug/kg	160	42.
Di-n-butylphthalate	ND		ug/kg	160	31.
Di-n-octylphthalate	ND		ug/kg	160	56.
Diethyl phthalate	ND		ug/kg	160	15.
Dimethyl phthalate	ND		ug/kg	160	35.
Benzo(a)anthracene	ND		ug/kg	100	19.
Benzo(a)pyrene	ND		ug/kg	130	40.
Benzo(b)fluoranthene	ND		ug/kg	100	28.

Project Name: JMA ADDITIONAL INVESTIGATION
Project Number: 059294

Lab Number: L2331318
Report Date: 07/05/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 06/22/23 09:54
Analyst: EJL

Extraction Method: EPA 3546
Extraction Date: 06/18/23 12:20

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 19 Batch: WG1792852-1					
Benzo(k)fluoranthene	ND		ug/kg	100	26.
Chrysene	ND		ug/kg	100	17.
Acenaphthylene	ND		ug/kg	130	26.
Anthracene	ND		ug/kg	100	32.
Benzo(ghi)perylene	ND		ug/kg	130	20.
Fluorene	ND		ug/kg	160	16.
Phenanthrene	ND		ug/kg	100	20.
Dibenzo(a,h)anthracene	ND		ug/kg	100	19.
Indeno(1,2,3-cd)pyrene	ND		ug/kg	130	23.
Pyrene	ND		ug/kg	100	16.
Biphenyl	ND		ug/kg	380	22.
4-Chloroaniline	ND		ug/kg	160	30.
2-Nitroaniline	ND		ug/kg	160	32.
3-Nitroaniline	ND		ug/kg	160	31.
4-Nitroaniline	ND		ug/kg	160	69.
Dibenzofuran	ND		ug/kg	160	16.
2-Methylnaphthalene	ND		ug/kg	200	20.
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	160	17.
Acetophenone	ND		ug/kg	160	20.
2,4,6-Trichlorophenol	ND		ug/kg	100	31.
p-Chloro-m-cresol	ND		ug/kg	160	25.
2-Chlorophenol	ND		ug/kg	160	20.
2,4-Dichlorophenol	ND		ug/kg	150	27.
2,4-Dimethylphenol	ND		ug/kg	160	55.
2-Nitrophenol	ND		ug/kg	360	62.
4-Nitrophenol	ND		ug/kg	230	68.
2,4-Dinitrophenol	ND		ug/kg	800	77.
4,6-Dinitro-o-cresol	ND		ug/kg	430	80.
Pentachlorophenol	ND		ug/kg	130	36.

Project Name: JMA ADDITIONAL INVESTIGATION
Project Number: 059294

Lab Number: L2331318
Report Date: 07/05/23

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 06/22/23 09:54
Analyst: EJJ

Extraction Method: EPA 3546
Extraction Date: 06/18/23 12:20

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 19 Batch: WG1792852-1					
Phenol	ND		ug/kg	160	25.
2-Methylphenol	ND		ug/kg	160	26.
3-Methylphenol/4-Methylphenol	ND		ug/kg	240	26.
2,4,5-Trichlorophenol	ND		ug/kg	160	32.
Carbazole	ND		ug/kg	160	16.
Atrazine	ND		ug/kg	130	58.
Benzaldehyde	ND		ug/kg	220	45.
Caprolactam	ND		ug/kg	160	50.
2,3,4,6-Tetrachlorophenol	ND		ug/kg	160	33.

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	84		25-120
Phenol-d6	80		10-120
Nitrobenzene-d5	82		23-120
2-Fluorobiphenyl	78		30-120
2,4,6-Tribromophenol	62		10-136
4-Terphenyl-d14	77		18-120

Lab Control Sample Analysis Batch Quality Control

Project Name: JMA ADDITIONAL INVESTIGATION

Project Number: 059294

Lab Number: L2331318

Report Date: 07/05/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 17,22-23,25 Batch: WG1788928-2 WG1788928-3								
Acenaphthene	44		74		31-137	51	Q	50
Hexachlorobenzene	39	Q	64		40-140	49		50
Bis(2-chloroethyl)ether	47		82		40-140	54	Q	50
2-Chloronaphthalene	44		72		40-140	48		50
3,3'-Dichlorobenzidine	46		78		40-140	52	Q	50
2,4-Dinitrotoluene	39	Q	71		40-132	58	Q	50
2,6-Dinitrotoluene	37	Q	67		40-140	58	Q	50
Fluoranthene	49		78		40-140	46		50
4-Chlorophenyl phenyl ether	41		71		40-140	54	Q	50
4-Bromophenyl phenyl ether	40		68		40-140	52	Q	50
Bis(2-chloroisopropyl)ether	55		95		40-140	53	Q	50
Bis(2-chloroethoxy)methane	47		84		40-117	56	Q	50
Hexachlorobutadiene	40		69		40-140	53	Q	50
Hexachlorocyclopentadiene	10	Q	20	Q	40-140	70	Q	50
Hexachloroethane	42		71		40-140	51	Q	50
Isophorone	47		82		40-140	54	Q	50
Naphthalene	45		76		40-140	51	Q	50
Nitrobenzene	46		80		40-140	54	Q	50
NDPA/DPA	44		76		36-157	53	Q	50
n-Nitrosodi-n-propylamine	52		91		32-121	55	Q	50
Bis(2-ethylhexyl)phthalate	51		85		40-140	50		50
Butyl benzyl phthalate	66		102		40-140	43		50
Di-n-butylphthalate	58		101		40-140	54	Q	50

Lab Control Sample Analysis

Batch Quality Control

Project Name: JMA ADDITIONAL INVESTIGATION

Project Number: 059294

Lab Number: L2331318

Report Date: 07/05/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 17,22-23,25 Batch: WG1788928-2 WG1788928-3								
Di-n-octylphthalate	58		91		40-140	44		50
Diethyl phthalate	50		87		40-140	54	Q	50
Dimethyl phthalate	43		75		40-140	54	Q	50
Benzo(a)anthracene	50		83		40-140	50		50
Benzo(a)pyrene	58		95		40-140	48		50
Benzo(b)fluoranthene	51		89		40-140	54	Q	50
Benzo(k)fluoranthene	53		79		40-140	39		50
Chrysene	48		80		40-140	50		50
Acenaphthylene	46		75		40-140	48		50
Anthracene	51		87		40-140	52	Q	50
Benzo(ghi)perylene	51		85		40-140	50		50
Fluorene	42		71		40-140	51	Q	50
Phenanthrene	50		83		40-140	50		50
Dibenzo(a,h)anthracene	49		82		40-140	50		50
Indeno(1,2,3-cd)pyrene	50		84		40-140	51	Q	50
Pyrene	50		79		35-142	45		50
Biphenyl	44		74		37-127	51	Q	50
4-Chloroaniline	39	Q	58		40-140	39		50
2-Nitroaniline	45	Q	79		47-134	55	Q	50
3-Nitroaniline	51		82		26-129	47		50
4-Nitroaniline	50		79		41-125	45		50
Dibenzofuran	43		74		40-140	53	Q	50
2-Methylnaphthalene	45		74		40-140	49		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: JMA ADDITIONAL INVESTIGATION

Project Number: 059294

Lab Number: L2331318

Report Date: 07/05/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 17,22-23,25 Batch: WG1788928-2 WG1788928-3								
1,2,4,5-Tetrachlorobenzene	38	Q	62		40-117	48		50
Acetophenone	52		85		14-144	48		50
2,4,6-Trichlorophenol	49		72		30-130	38		50
p-Chloro-m-cresol	51		84		26-103	49		50
2-Chlorophenol	48		80		25-102	50		50
2,4-Dichlorophenol	46		75		30-130	48		50
2,4-Dimethylphenol	48		81		30-130	51	Q	50
2-Nitrophenol	29	Q	60		30-130	70	Q	50
4-Nitrophenol	47		76		11-114	47		50
2,4-Dinitrophenol	0	Q	12		4-130	NC		50
4,6-Dinitro-o-cresol	3	Q	11		10-130	121	Q	50
Pentachlorophenol	32		48		17-109	40		50
Phenol	47		81		26-90	53	Q	50
2-Methylphenol	44		76		30-130	53	Q	50
3-Methylphenol/4-Methylphenol	45		80		30-130	56	Q	50
2,4,5-Trichlorophenol	45		72		30-130	46		50
Carbazole	53	Q	88		54-128	50		50
Atrazine	44		72		40-140	48		50
Benzaldehyde	61		104		40-140	52	Q	50
Caprolactam	65		96		15-130	39		50
2,3,4,6-Tetrachlorophenol	46		68		40-140	39		50

Lab Control Sample Analysis**Batch Quality Control****Project Name:** JMA ADDITIONAL INVESTIGATION**Lab Number:** L2331318**Project Number:** 059294**Report Date:** 07/05/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 17,22-23,25 Batch: WG1788928-2 WG1788928-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	49		84		25-120
Phenol-d6	46		79		10-120
Nitrobenzene-d5	45		80		23-120
2-Fluorobiphenyl	40		67		30-120
2,4,6-Tribromophenol	48		71		10-136
4-Terphenyl-d14	47		74		18-120

Lab Control Sample Analysis **Batch Quality Control**

Project Name: JMA ADDITIONAL INVESTIGATION

Lab Number: L2331318

Project Number: 059294

Report Date: 07/05/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-16,18,20-21,24 Batch: WG1789045-2 WG1789045-3								
Acenaphthene	60		68		31-137	13		50
Hexachlorobenzene	58		64		40-140	10		50
Bis(2-chloroethyl)ether	59		66		40-140	11		50
2-Chloronaphthalene	62		70		40-140	12		50
3,3'-Dichlorobenzidine	61		68		40-140	11		50
2,4-Dinitrotoluene	91		100		40-132	9		50
2,6-Dinitrotoluene	79		88		40-140	11		50
Fluoranthene	64		73		40-140	13		50
4-Chlorophenyl phenyl ether	63		68		40-140	8		50
4-Bromophenyl phenyl ether	62		66		40-140	6		50
Bis(2-chloroisopropyl)ether	62		70		40-140	12		50
Bis(2-chloroethoxy)methane	60		66		40-117	10		50
Hexachlorobutadiene	63		73		40-140	15		50
Hexachlorocyclopentadiene	71		80		40-140	12		50
Hexachloroethane	63		70		40-140	11		50
Isophorone	58		65		40-140	11		50
Naphthalene	61		69		40-140	12		50
Nitrobenzene	64		73		40-140	13		50
NDPA/DPA	64		71		36-157	10		50
n-Nitrosodi-n-propylamine	60		69		32-121	14		50
Bis(2-ethylhexyl)phthalate	85		92		40-140	8		50
Butyl benzyl phthalate	76		86		40-140	12		50
Di-n-butylphthalate	77		82		40-140	6		50

Lab Control Sample Analysis **Batch Quality Control**

Project Name: JMA ADDITIONAL INVESTIGATION

Project Number: 059294

Lab Number: L2331318

Report Date: 07/05/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-16,18,20-21,24 Batch: WG1789045-2 WG1789045-3								
Di-n-octylphthalate	94		103		40-140	9		50
Diethyl phthalate	67		72		40-140	7		50
Dimethyl phthalate	64		71		40-140	10		50
Benzo(a)anthracene	69		78		40-140	12		50
Benzo(a)pyrene	79		92		40-140	15		50
Benzo(b)fluoranthene	70		78		40-140	11		50
Benzo(k)fluoranthene	71		86		40-140	19		50
Chrysene	66		77		40-140	15		50
Acenaphthylene	66		74		40-140	11		50
Anthracene	67		75		40-140	11		50
Benzo(ghi)perylene	69		78		40-140	12		50
Fluorene	60		66		40-140	10		50
Phenanthrene	64		72		40-140	12		50
Dibenzo(a,h)anthracene	67		76		40-140	13		50
Indeno(1,2,3-cd)pyrene	69		78		40-140	12		50
Pyrene	63		73		35-142	15		50
Biphenyl	62		70		37-127	12		50
4-Chloroaniline	52		43		40-140	19		50
2-Nitroaniline	80		92		47-134	14		50
3-Nitroaniline	62		67		26-129	8		50
4-Nitroaniline	73		81		41-125	10		50
Dibenzofuran	62		68		40-140	9		50
2-Methylnaphthalene	64		72		40-140	12		50

Lab Control Sample Analysis **Batch Quality Control**

Project Name: JMA ADDITIONAL INVESTIGATION

Project Number: 059294

Lab Number: L2331318

Report Date: 07/05/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-16,18,20-21,24 Batch: WG1789045-2 WG1789045-3								
1,2,4,5-Tetrachlorobenzene	64		71		40-117	10		50
Acetophenone	63		72		14-144	13		50
2,4,6-Trichlorophenol	71		80		30-130	12		50
p-Chloro-m-cresol	70		79		26-103	12		50
2-Chlorophenol	66		73		25-102	10		50
2,4-Dichlorophenol	65		71		30-130	9		50
2,4-Dimethylphenol	59		65		30-130	10		50
2-Nitrophenol	84		93		30-130	10		50
4-Nitrophenol	70		83		11-114	17		50
2,4-Dinitrophenol	51		63		4-130	21		50
4,6-Dinitro-o-cresol	96		108		10-130	12		50
Pentachlorophenol	58		70		17-109	19		50
Phenol	63		73		26-90	15		50
2-Methylphenol	59		68		30-130.	14		50
3-Methylphenol/4-Methylphenol	60		69		30-130	14		50
2,4,5-Trichlorophenol	71		79		30-130	11		50
Carbazole	66		76		54-128	14		50
Atrazine	68		76		40-140	11		50
Benzaldehyde	58		64		40-140	10		50
Caprolactam	78		90		15-130	14		50
2,3,4,6-Tetrachlorophenol	69		78		40-140	12		50

Lab Control Sample Analysis**Batch Quality Control****Project Name:** JMA ADDITIONAL INVESTIGATION**Lab Number:** L2331318**Project Number:** 059294**Report Date:** 07/05/23

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

Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-16,18,20-21,24 Batch: WG1789045-2 WG1789045-3

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	68		77		25-120
Phenol-d6	64		72		10-120
Nitrobenzene-d5	69		76		23-120
2-Fluorobiphenyl	62		69		30-120
2,4,6-Tribromophenol	64		71		10-136
4-Terphenyl-d14	59		67		18-120

Lab Control Sample Analysis

Batch Quality Control

Project Name: JMA ADDITIONAL INVESTIGATION

Project Number: 059294

Lab Number: L2331318

Report Date: 07/05/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 26-32 Batch: WG1790916-2 WG1790916-3								
Bis(2-chloroethyl)ether	59		61		40-140	3		30
3,3'-Dichlorobenzidine	64		60		40-140	6		30
2,4-Dinitrotoluene	69		66		48-143	4		30
2,6-Dinitrotoluene	68		63		40-140	8		30
4-Chlorophenyl phenyl ether	67		63		40-140	6		30
4-Bromophenyl phenyl ether	70		65		40-140	7		30
Bis(2-chloroisopropyl)ether	60		60		40-140	0		30
Bis(2-chloroethoxy)methane	64		62		40-140	3		30
Hexachlorocyclopentadiene	63		66		40-140	5		30
Isophorone	63		63		40-140	0		30
Nitrobenzene	60		62		40-140	3		30
NDPA/DPA	69		68		40-140	1		30
n-Nitrosodi-n-propylamine	64		64		29-132	0		30
Bis(2-ethylhexyl)phthalate	73		66		40-140	10		30
Butyl benzyl phthalate	72		65		40-140	10		30
Di-n-butylphthalate	71		64		40-140	10		30
Di-n-octylphthalate	72		67		40-140	7		30
Diethyl phthalate	70		66		40-140	6		30
Dimethyl phthalate	69		64		40-140	8		30
Biphenyl	68		67		40-140	1		30
4-Chloroaniline	56		56		40-140	0		30
2-Nitroaniline	68		64		52-143	6		30
3-Nitroaniline	63		59		25-145	7		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: JMA ADDITIONAL INVESTIGATION

Project Number: 059294

Lab Number: L2331318

Report Date: 07/05/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 26-32 Batch: WG1790916-2 WG1790916-3								
4-Nitroaniline	64		59		51-143	8		30
Dibenzofuran	67		65		40-140	3		30
1,2,4,5-Tetrachlorobenzene	67		69		2-134	3		30
Acetophenone	65		67		39-129	3		30
2,4,6-Trichlorophenol	70		67		30-130	4		30
p-Chloro-m-cresol	67		63		23-97	6		30
2-Chlorophenol	63		62		27-123	2		30
2,4-Dichlorophenol	67		66		30-130	2		30
2,4-Dimethylphenol	64		60		30-130	6		30
2-Nitrophenol	66		67		30-130	2		30
4-Nitrophenol	49		45		10-80	9		30
2,4-Dinitrophenol	48		45		20-130	6		30
4,6-Dinitro-o-cresol	70		69		20-164	1		30
Phenol	41		40		12-110	2		30
2-Methylphenol	58		58		30-130	0		30
3-Methylphenol/4-Methylphenol	63		61		30-130	3		30
2,4,5-Trichlorophenol	69		66		30-130	4		30
Carbazole	71		68		55-144	4		30
Atrazine	84		78		40-140	7		30
Benzaldehyde	88		91		40-140	3		30
Caprolactam	28		27		10-130	4		30
2,3,4,6-Tetrachlorophenol	70		66		40-140	6		30

Lab Control Sample Analysis**Batch Quality Control****Project Name:** JMA ADDITIONAL INVESTIGATION**Lab Number:** L2331318**Project Number:** 059294**Report Date:** 07/05/23

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

Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 26-32 Batch: WG1790916-2 WG1790916-3

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	54		54		21-120
Phenol-d6	41		41		10-120
Nitrobenzene-d5	64		67		23-120
2-Fluorobiphenyl	69		68		15-120
2,4,6-Tribromophenol	67		65		10-120
4-Terphenyl-d14	70		61		41-149

Lab Control Sample Analysis **Batch Quality Control**

Project Name: JMA ADDITIONAL INVESTIGATION

Project Number: 059294

Lab Number: L2331318

Report Date: 07/05/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS-SIM - Westborough Lab Associated sample(s): 26-32 Batch: WG1790918-2 WG1790918-3								
Acenaphthene	67		65		40-140	3		40
2-Chloronaphthalene	68		67		40-140	1		40
Fluoranthene	71		68		40-140	4		40
Hexachlorobutadiene	60		61		40-140	2		40
Naphthalene	64		64		40-140	0		40
Benzo(a)anthracene	81		76		40-140	6		40
Benzo(a)pyrene	80		76		40-140	5		40
Benzo(b)fluoranthene	74		70		40-140	6		40
Benzo(k)fluoranthene	74		70		40-140	6		40
Chrysene	70		67		40-140	4		40
Acenaphthylene	76		74		40-140	3		40
Anthracene	74		70		40-140	6		40
Benzo(ghi)perylene	79		76		40-140	4		40
Fluorene	71		68		40-140	4		40
Phenanthrene	66		63		40-140	5		40
Dibenzo(a,h)anthracene	79		75		40-140	5		40
Indeno(1,2,3-cd)pyrene	78		75		40-140	4		40
Pyrene	68		65		40-140	5		40
2-Methylnaphthalene	68		68		40-140	0		40
Pentachlorophenol	77		72		40-140	7		40
Hexachlorobenzene	64		61		40-140	5		40
Hexachloroethane	63		64		40-140	2		40

Lab Control Sample Analysis**Batch Quality Control****Project Name:** JMA ADDITIONAL INVESTIGATION**Lab Number:** L2331318**Project Number:** 059294**Report Date:** 07/05/23

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

Semivolatile Organics by GC/MS-SIM - Westborough Lab Associated sample(s): 26-32 Batch: WG1790918-2 WG1790918-3

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	57		57		21-120
Phenol-d6	48		47		10-120
Nitrobenzene-d5	84		85		23-120
2-Fluorobiphenyl	71		69		15-120
2,4,6-Tribromophenol	109		102		10-120
4-Terphenyl-d14	73		68		41-149

Lab Control Sample Analysis

Batch Quality Control

Project Name: JMA ADDITIONAL INVESTIGATION

Project Number: 059294

Lab Number: L2331318

Report Date: 07/05/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 19 Batch: WG1792852-2 WG1792852-3								
Acenaphthene	72		72		31-137	0		50
Hexachlorobenzene	64		66		40-140	3		50
Bis(2-chloroethyl)ether	70		71		40-140	1		50
2-Chloronaphthalene	70		71		40-140	1		50
3,3'-Dichlorobenzidine	76		75		40-140	1		50
2,4-Dinitrotoluene	100		102		40-132	2		50
2,6-Dinitrotoluene	90		90		40-140	0		50
Fluoranthene	75		77		40-140	3		50
4-Chlorophenyl phenyl ether	70		70		40-140	0		50
4-Bromophenyl phenyl ether	68		67		40-140	1		50
Bis(2-chloroisopropyl)ether	71		72		40-140	1		50
Bis(2-chloroethoxy)methane	67		67		40-117	0		50
Hexachlorobutadiene	72		72		40-140	0		50
Hexachlorocyclopentadiene	62		67		40-140	8		50
Hexachloroethane	72		74		40-140	3		50
Isophorone	65		67		40-140	3		50
Naphthalene	72		72		40-140	0		50
Nitrobenzene	74		76		40-140	3		50
NDPA/DPA	72		72		36-157	0		50
n-Nitrosodi-n-propylamine	69		69		32-121	0		50
Bis(2-ethylhexyl)phthalate	86		90		40-140	5		50
Butyl benzyl phthalate	86		88		40-140	2		50
Di-n-butylphthalate	80		83		40-140	4		50

Lab Control Sample Analysis **Batch Quality Control**

Project Name: JMA ADDITIONAL INVESTIGATION

Project Number: 059294

Lab Number: L2331318

Report Date: 07/05/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 19 Batch: WG1792852-2 WG1792852-3								
Di-n-octylphthalate	99		102		40-140	3		50
Diethyl phthalate	72		74		40-140	3		50
Dimethyl phthalate	70		69		40-140	1		50
Benzo(a)anthracene	77		80		40-140	4		50
Benzo(a)pyrene	90		91		40-140	1		50
Benzo(b)fluoranthene	83		86		40-140	4		50
Benzo(k)fluoranthene	82		81		40-140	1		50
Chrysene	75		76		40-140	1		50
Acenaphthylene	73		74		40-140	1		50
Anthracene	75		76		40-140	1		50
Benzo(ghi)perylene	80		82		40-140	2		50
Fluorene	71		71		40-140	0		50
Phenanthrene	74		74		40-140	0		50
Dibenzo(a,h)anthracene	78		79		40-140	1		50
Indeno(1,2,3-cd)pyrene	85		87		40-140	2		50
Pyrene	75		77		35-142	3		50
Biphenyl	71		70		37-127	1		50
4-Chloroaniline	62		49		40-140	23		50
2-Nitroaniline	92		91		47-134	1		50
3-Nitroaniline	69		67		26-129	3		50
4-Nitroaniline	84		86		41-125	2		50
Dibenzofuran	72		73		40-140	1		50
2-Methylnaphthalene	71		72		40-140	1		50

Lab Control Sample Analysis **Batch Quality Control**

Project Name: JMA ADDITIONAL INVESTIGATION

Project Number: 059294

Lab Number: L2331318

Report Date: 07/05/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 19 Batch: WG1792852-2 WG1792852-3								
1,2,4,5-Tetrachlorobenzene	73		72		40-117	1		50
Acetophenone	75		76		14-144	1		50
2,4,6-Trichlorophenol	80		81		30-130	1		50
p-Chloro-m-cresol	79		78		26-103	1		50
2-Chlorophenol	77		79		25-102	3		50
2,4-Dichlorophenol	74		74		30-130	0		50
2,4-Dimethylphenol	63		64		30-130	2		50
2-Nitrophenol	95		96		30-130	1		50
4-Nitrophenol	78		84		11-114	7		50
2,4-Dinitrophenol	87		91		4-130	4		50
4,6-Dinitro-o-cresol	103		104		10-130	1		50
Pentachlorophenol	56		62		17-109	10		50
Phenol	80		81		26-90	1		50
2-Methylphenol	70		71		30-130.	1		50
3-Methylphenol/4-Methylphenol	72		72		30-130	0		50
2,4,5-Trichlorophenol	78		82		30-130	5		50
Carbazole	77		79		54-128	3		50
Atrazine	79		83		40-140	5		50
Benzaldehyde	69		70		40-140	1		50
Caprolactam	89		86		15-130	3		50
2,3,4,6-Tetrachlorophenol	77		75		40-140	3		50

Lab Control Sample Analysis**Batch Quality Control****Project Name:** JMA ADDITIONAL INVESTIGATION**Lab Number:** L2331318**Project Number:** 059294**Report Date:** 07/05/23

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

Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 19 Batch: WG1792852-2 WG1792852-3

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	84		89		25-120
Phenol-d6	78		82		10-120
Nitrobenzene-d5	81		86		23-120
2-Fluorobiphenyl	71		74		30-120
2,4,6-Tribromophenol	73		78		10-136
4-Terphenyl-d14	72		76		18-120

PCBS

Project Name: JMA ADDITIONAL INVESTIGATION**Lab Number:** L2331318**Project Number:** 059294**Report Date:** 07/05/23**SAMPLE RESULTS**

Lab ID: L2331318-04
 Client ID: SOIL-103
 Sample Location: 140 CORTLAND AVE, SYRACUSE, NY

Date Collected: 06/05/23 16:00
 Date Received: 06/05/23
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8082A
 Analytical Date: 06/19/23 09:50
 Analyst: JM
 Percent Solids: 66%

Extraction Method: EPA 3546
 Extraction Date: 06/18/23 13:38
 Cleanup Method: EPA 3665A
 Cleanup Date: 06/19/23
 Cleanup Method: EPA 3660B
 Cleanup Date: 06/19/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	75.6	6.71	1	A
Aroclor 1221	ND		ug/kg	75.6	7.58	1	A
Aroclor 1232	ND		ug/kg	75.6	16.0	1	A
Aroclor 1242	ND		ug/kg	75.6	10.2	1	A
Aroclor 1248	ND		ug/kg	75.6	11.3	1	A
Aroclor 1254	ND		ug/kg	75.6	8.27	1	A
Aroclor 1260	ND		ug/kg	75.6	14.0	1	A
Aroclor 1262	ND		ug/kg	75.6	9.60	1	A
Aroclor 1268	ND		ug/kg	75.6	7.83	1	A
PCBs, Total	ND		ug/kg	75.6	6.71	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	69		30-150	A
Decachlorobiphenyl	63		30-150	A
2,4,5,6-Tetrachloro-m-xylene	71		30-150	B
Decachlorobiphenyl	62		30-150	B

Project Name: JMA ADDITIONAL INVESTIGATION**Lab Number:** L2331318**Project Number:** 059294**Report Date:** 07/05/23**SAMPLE RESULTS**

Lab ID: L2331318-07
 Client ID: SOIL-106
 Sample Location: 140 CORTLAND AVE, SYRACUSE, NY

Date Collected: 06/06/23 10:15
 Date Received: 06/06/23
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8082A
 Analytical Date: 06/19/23 09:58
 Analyst: JM
 Percent Solids: 85%

Extraction Method: EPA 3546
 Extraction Date: 06/18/23 13:38
 Cleanup Method: EPA 3665A
 Cleanup Date: 06/19/23
 Cleanup Method: EPA 3660B
 Cleanup Date: 06/19/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	55.0	4.88	1	A
Aroclor 1221	ND		ug/kg	55.0	5.51	1	A
Aroclor 1232	ND		ug/kg	55.0	11.6	1	A
Aroclor 1242	ND		ug/kg	55.0	7.41	1	A
Aroclor 1248	ND		ug/kg	55.0	8.25	1	A
Aroclor 1254	ND		ug/kg	55.0	6.01	1	A
Aroclor 1260	ND		ug/kg	55.0	10.2	1	A
Aroclor 1262	ND		ug/kg	55.0	6.98	1	A
Aroclor 1268	ND		ug/kg	55.0	5.70	1	A
PCBs, Total	ND		ug/kg	55.0	4.88	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	67		30-150	A
Decachlorobiphenyl	53		30-150	A
2,4,5,6-Tetrachloro-m-xylene	69		30-150	B
Decachlorobiphenyl	53		30-150	B

Project Name: JMA ADDITIONAL INVESTIGATION**Lab Number:** L2331318**Project Number:** 059294**Report Date:** 07/05/23**SAMPLE RESULTS**

Lab ID: L2331318-11
 Client ID: SOIL-110
 Sample Location: 140 CORTLAND AVE, SYRACUSE, NY

Date Collected: 06/06/23 14:50
 Date Received: 06/06/23
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8082A
 Analytical Date: 06/19/23 10:06
 Analyst: JM
 Percent Solids: 70%

Extraction Method: EPA 3546
 Extraction Date: 06/18/23 13:38
 Cleanup Method: EPA 3665A
 Cleanup Date: 06/19/23
 Cleanup Method: EPA 3660B
 Cleanup Date: 06/19/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	66.8	5.93	1	A
Aroclor 1221	ND		ug/kg	66.8	6.69	1	A
Aroclor 1232	ND		ug/kg	66.8	14.2	1	A
Aroclor 1242	ND		ug/kg	66.8	9.00	1	A
Aroclor 1248	ND		ug/kg	66.8	10.0	1	A
Aroclor 1254	ND		ug/kg	66.8	7.30	1	A
Aroclor 1260	ND		ug/kg	66.8	12.3	1	A
Aroclor 1262	ND		ug/kg	66.8	8.48	1	A
Aroclor 1268	ND		ug/kg	66.8	6.92	1	A
PCBs, Total	ND		ug/kg	66.8	5.93	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	71		30-150	A
Decachlorobiphenyl	72		30-150	A
2,4,5,6-Tetrachloro-m-xylene	72		30-150	B
Decachlorobiphenyl	71		30-150	B

Project Name: JMA ADDITIONAL INVESTIGATION**Lab Number:** L2331318**Project Number:** 059294**Report Date:** 07/05/23**SAMPLE RESULTS**

Lab ID: L2331318-14
 Client ID: SOIL-113
 Sample Location: 140 CORTLAND AVE, SYRACUSE, NY

Date Collected: 06/07/23 08:55
 Date Received: 06/07/23
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8082A
 Analytical Date: 06/19/23 10:14
 Analyst: JM
 Percent Solids: 84%

Extraction Method: EPA 3546
 Extraction Date: 06/18/23 13:38
 Cleanup Method: EPA 3665A
 Cleanup Date: 06/19/23
 Cleanup Method: EPA 3660B
 Cleanup Date: 06/19/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	55.2	4.90	1	A
Aroclor 1221	ND		ug/kg	55.2	5.53	1	A
Aroclor 1232	ND		ug/kg	55.2	11.7	1	A
Aroclor 1242	ND		ug/kg	55.2	7.44	1	A
Aroclor 1248	ND		ug/kg	55.2	8.28	1	A
Aroclor 1254	ND		ug/kg	55.2	6.04	1	A
Aroclor 1260	ND		ug/kg	55.2	10.2	1	A
Aroclor 1262	ND		ug/kg	55.2	7.01	1	A
Aroclor 1268	ND		ug/kg	55.2	5.72	1	A
PCBs, Total	ND		ug/kg	55.2	4.90	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	72		30-150	A
Decachlorobiphenyl	73		30-150	A
2,4,5,6-Tetrachloro-m-xylene	74		30-150	B
Decachlorobiphenyl	68		30-150	B

Project Name: JMA ADDITIONAL INVESTIGATION**Lab Number:** L2331318**Project Number:** 059294**Report Date:** 07/05/23**SAMPLE RESULTS**

Lab ID: L2331318-18
 Client ID: SOIL-117
 Sample Location: 140 CORTLAND AVE, SYRACUSE, NY

Date Collected: 06/07/23 15:15
 Date Received: 06/07/23
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8082A
 Analytical Date: 06/19/23 10:22
 Analyst: JM
 Percent Solids: 84%

Extraction Method: EPA 3546
 Extraction Date: 06/18/23 13:38
 Cleanup Method: EPA 3665A
 Cleanup Date: 06/19/23
 Cleanup Method: EPA 3660B
 Cleanup Date: 06/19/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	55.0	4.88	1	A
Aroclor 1221	ND		ug/kg	55.0	5.51	1	A
Aroclor 1232	ND		ug/kg	55.0	11.6	1	A
Aroclor 1242	ND		ug/kg	55.0	7.41	1	A
Aroclor 1248	ND		ug/kg	55.0	8.25	1	A
Aroclor 1254	ND		ug/kg	55.0	6.02	1	A
Aroclor 1260	ND		ug/kg	55.0	10.2	1	A
Aroclor 1262	ND		ug/kg	55.0	6.98	1	A
Aroclor 1268	ND		ug/kg	55.0	5.70	1	A
PCBs, Total	ND		ug/kg	55.0	4.88	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	65		30-150	A
Decachlorobiphenyl	64		30-150	A
2,4,5,6-Tetrachloro-m-xylene	68		30-150	B
Decachlorobiphenyl	60		30-150	B

Project Name: JMA ADDITIONAL INVESTIGATION**Lab Number:** L2331318**Project Number:** 059294**Report Date:** 07/05/23**SAMPLE RESULTS**

Lab ID: L2331318-26
 Client ID: TMW-108
 Sample Location: 140 CORTLAND AVE, SYRACUSE, NY

Date Collected: 06/08/23 10:35
 Date Received: 06/08/23
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 1,8082A
 Analytical Date: 06/21/23 12:55
 Analyst: MEO

Extraction Method: EPA 3510C
 Extraction Date: 06/20/23 23:27
 Cleanup Method: EPA 3665A
 Cleanup Date: 06/21/23
 Cleanup Method: EPA 3660B
 Cleanup Date: 06/21/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/l	0.071	0.061	1	A
Aroclor 1221	ND		ug/l	0.071	0.061	1	A
Aroclor 1232	ND		ug/l	0.071	0.061	1	A
Aroclor 1242	ND		ug/l	0.071	0.061	1	A
Aroclor 1248	ND		ug/l	0.071	0.061	1	A
Aroclor 1254	ND		ug/l	0.071	0.061	1	A
Aroclor 1260	ND		ug/l	0.071	0.061	1	A
Aroclor 1262	ND		ug/l	0.071	0.061	1	A
Aroclor 1268	ND		ug/l	0.071	0.061	1	A
PCBs, Total	ND		ug/l	0.071	0.061	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	67		30-150	A
Decachlorobiphenyl	73		30-150	A
2,4,5,6-Tetrachloro-m-xylene	60		30-150	B
Decachlorobiphenyl	71		30-150	B

Project Name: JMA ADDITIONAL INVESTIGATION**Lab Number:** L2331318**Project Number:** 059294**Report Date:** 07/05/23**SAMPLE RESULTS**

Lab ID: L2331318-27
 Client ID: TMW-105
 Sample Location: 140 CORTLAND AVE, SYRACUSE, NY

Date Collected: 06/08/23 09:25
 Date Received: 06/08/23
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 1,8082A
 Analytical Date: 06/21/23 13:04
 Analyst: MEO

Extraction Method: EPA 3510C
 Extraction Date: 06/20/23 23:27
 Cleanup Method: EPA 3665A
 Cleanup Date: 06/21/23
 Cleanup Method: EPA 3660B
 Cleanup Date: 06/21/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/l	0.071	0.061	1	A
Aroclor 1221	ND		ug/l	0.071	0.061	1	A
Aroclor 1232	ND		ug/l	0.071	0.061	1	A
Aroclor 1242	ND		ug/l	0.071	0.061	1	A
Aroclor 1248	ND		ug/l	0.071	0.061	1	A
Aroclor 1254	ND		ug/l	0.071	0.061	1	A
Aroclor 1260	ND		ug/l	0.071	0.061	1	A
Aroclor 1262	ND		ug/l	0.071	0.061	1	A
Aroclor 1268	ND		ug/l	0.071	0.061	1	A
PCBs, Total	ND		ug/l	0.071	0.061	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	66		30-150	A
Decachlorobiphenyl	75		30-150	A
2,4,5,6-Tetrachloro-m-xylene	59		30-150	B
Decachlorobiphenyl	71		30-150	B

Project Name: JMA ADDITIONAL INVESTIGATION**Lab Number:** L2331318**Project Number:** 059294**Report Date:** 07/05/23**SAMPLE RESULTS**

Lab ID: L2331318-28
 Client ID: TMW-112
 Sample Location: 140 CORTLAND AVE, SYRACUSE, NY

Date Collected: 06/08/23 13:30
 Date Received: 06/08/23
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 1,8082A
 Analytical Date: 06/21/23 13:13
 Analyst: MEO

Extraction Method: EPA 3510C
 Extraction Date: 06/20/23 23:27
 Cleanup Method: EPA 3665A
 Cleanup Date: 06/21/23
 Cleanup Method: EPA 3660B
 Cleanup Date: 06/21/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/l	0.071	0.061	1	A
Aroclor 1221	ND		ug/l	0.071	0.061	1	A
Aroclor 1232	ND		ug/l	0.071	0.061	1	A
Aroclor 1242	ND		ug/l	0.071	0.061	1	A
Aroclor 1248	ND		ug/l	0.071	0.061	1	A
Aroclor 1254	ND		ug/l	0.071	0.061	1	A
Aroclor 1260	ND		ug/l	0.071	0.061	1	A
Aroclor 1262	ND		ug/l	0.071	0.061	1	A
Aroclor 1268	ND		ug/l	0.071	0.061	1	A
PCBs, Total	ND		ug/l	0.071	0.061	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	62		30-150	A
Decachlorobiphenyl	54		30-150	A
2,4,5,6-Tetrachloro-m-xylene	55		30-150	B
Decachlorobiphenyl	54		30-150	B

Project Name: JMA ADDITIONAL INVESTIGATION**Lab Number:** L2331318**Project Number:** 059294**Report Date:** 07/05/23**SAMPLE RESULTS**

Lab ID: L2331318-29
 Client ID: TMW-101
 Sample Location: 140 CORTLAND AVE, SYRACUSE, NY

Date Collected: 06/08/23 08:30
 Date Received: 06/08/23
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 1,8082A
 Analytical Date: 06/21/23 13:23
 Analyst: MEO

Extraction Method: EPA 3510C
 Extraction Date: 06/20/23 23:27
 Cleanup Method: EPA 3665A
 Cleanup Date: 06/21/23
 Cleanup Method: EPA 3660B
 Cleanup Date: 06/21/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/l	0.071	0.061	1	A
Aroclor 1221	ND		ug/l	0.071	0.061	1	A
Aroclor 1232	ND		ug/l	0.071	0.061	1	A
Aroclor 1242	ND		ug/l	0.071	0.061	1	A
Aroclor 1248	ND		ug/l	0.071	0.061	1	A
Aroclor 1254	ND		ug/l	0.071	0.061	1	A
Aroclor 1260	ND		ug/l	0.071	0.061	1	A
Aroclor 1262	ND		ug/l	0.071	0.061	1	A
Aroclor 1268	ND		ug/l	0.071	0.061	1	A
PCBs, Total	ND		ug/l	0.071	0.061	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	61		30-150	A
Decachlorobiphenyl	60		30-150	A
2,4,5,6-Tetrachloro-m-xylene	58		30-150	B
Decachlorobiphenyl	64		30-150	B

Project Name: JMA ADDITIONAL INVESTIGATION**Lab Number:** L2331318**Project Number:** 059294**Report Date:** 07/05/23**SAMPLE RESULTS**

Lab ID: L2331318-30
 Client ID: TMW-111
 Sample Location: 140 CORTLAND AVE, SYRACUSE, NY

Date Collected: 06/08/23 15:00
 Date Received: 06/08/23
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 1,8082A
 Analytical Date: 06/21/23 13:32
 Analyst: MEO

Extraction Method: EPA 3510C
 Extraction Date: 06/20/23 23:27
 Cleanup Method: EPA 3665A
 Cleanup Date: 06/21/23
 Cleanup Method: EPA 3660B
 Cleanup Date: 06/21/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/l	0.071	0.061	1	A
Aroclor 1221	ND		ug/l	0.071	0.061	1	A
Aroclor 1232	ND		ug/l	0.071	0.061	1	A
Aroclor 1242	ND		ug/l	0.071	0.061	1	A
Aroclor 1248	ND		ug/l	0.071	0.061	1	A
Aroclor 1254	ND		ug/l	0.071	0.061	1	A
Aroclor 1260	ND		ug/l	0.071	0.061	1	A
Aroclor 1262	ND		ug/l	0.071	0.061	1	A
Aroclor 1268	ND		ug/l	0.071	0.061	1	A
PCBs, Total	ND		ug/l	0.071	0.061	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	66		30-150	A
Decachlorobiphenyl	67		30-150	A
2,4,5,6-Tetrachloro-m-xylene	59		30-150	B
Decachlorobiphenyl	65		30-150	B

Project Name: JMA ADDITIONAL INVESTIGATION**Lab Number:** L2331318**Project Number:** 059294**Report Date:** 07/05/23**SAMPLE RESULTS**

Lab ID: L2331318-31
 Client ID: TMW-117
 Sample Location: 140 CORTLAND AVE, SYRACUSE, NY

Date Collected: 06/08/23 12:40
 Date Received: 06/08/23
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 1,8082A
 Analytical Date: 06/21/23 14:10
 Analyst: MEO

Extraction Method: EPA 3510C
 Extraction Date: 06/20/23 23:27
 Cleanup Method: EPA 3665A
 Cleanup Date: 06/21/23
 Cleanup Method: EPA 3660B
 Cleanup Date: 06/21/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/l	0.071	0.061	1	A
Aroclor 1221	ND		ug/l	0.071	0.061	1	A
Aroclor 1232	ND		ug/l	0.071	0.061	1	A
Aroclor 1242	ND		ug/l	0.071	0.061	1	A
Aroclor 1248	ND		ug/l	0.071	0.061	1	A
Aroclor 1254	ND		ug/l	0.071	0.061	1	A
Aroclor 1260	ND		ug/l	0.071	0.061	1	A
Aroclor 1262	ND		ug/l	0.071	0.061	1	A
Aroclor 1268	ND		ug/l	0.071	0.061	1	A
PCBs, Total	ND		ug/l	0.071	0.061	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	64		30-150	A
Decachlorobiphenyl	66		30-150	A
2,4,5,6-Tetrachloro-m-xylene	59		30-150	B
Decachlorobiphenyl	67		30-150	B

Project Name: JMA ADDITIONAL INVESTIGATION**Lab Number:** L2331318**Project Number:** 059294**Report Date:** 07/05/23**SAMPLE RESULTS**

Lab ID: L2331318-32
 Client ID: TMW-114
 Sample Location: 140 CORTLAND AVE, SYRACUSE, NY

Date Collected: 06/08/23 14:00
 Date Received: 06/08/23
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 1,8082A
 Analytical Date: 06/21/23 13:42
 Analyst: MEO

Extraction Method: EPA 3510C
 Extraction Date: 06/20/23 23:27
 Cleanup Method: EPA 3665A
 Cleanup Date: 06/21/23
 Cleanup Method: EPA 3660B
 Cleanup Date: 06/21/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/l	0.071	0.061	1	A
Aroclor 1221	ND		ug/l	0.071	0.061	1	A
Aroclor 1232	ND		ug/l	0.071	0.061	1	A
Aroclor 1242	ND		ug/l	0.071	0.061	1	A
Aroclor 1248	ND		ug/l	0.071	0.061	1	A
Aroclor 1254	ND		ug/l	0.071	0.061	1	A
Aroclor 1260	ND		ug/l	0.071	0.061	1	A
Aroclor 1262	ND		ug/l	0.071	0.061	1	A
Aroclor 1268	ND		ug/l	0.071	0.061	1	A
PCBs, Total	ND		ug/l	0.071	0.061	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	58		30-150	A
Decachlorobiphenyl	59		30-150	A
2,4,5,6-Tetrachloro-m-xylene	54		30-150	B
Decachlorobiphenyl	60		30-150	B

Project Name: JMA ADDITIONAL INVESTIGATION
Project Number: 059294

Lab Number: L2331318
Report Date: 07/05/23

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8082A
 Analytical Date: 06/19/23 09:02
 Analyst: JM

Extraction Method: EPA 3546
 Extraction Date: 06/18/23 13:38
 Cleanup Method: EPA 3665A
 Cleanup Date: 06/19/23
 Cleanup Method: EPA 3660B
 Cleanup Date: 06/19/23

Parameter	Result	Qualifier	Units	RL	MDL	Column
Polychlorinated Biphenyls by GC - Westborough Lab for sample(s): 04,07,11,14,18 Batch: WG1792860-1						
Aroclor 1016	ND		ug/kg	48.9	4.34	A
Aroclor 1221	ND		ug/kg	48.9	4.90	A
Aroclor 1232	ND		ug/kg	48.9	10.4	A
Aroclor 1242	ND		ug/kg	48.9	6.59	A
Aroclor 1248	ND		ug/kg	48.9	7.33	A
Aroclor 1254	ND		ug/kg	48.9	5.35	A
Aroclor 1260	ND		ug/kg	48.9	9.03	A
Aroclor 1262	ND		ug/kg	48.9	6.21	A
Aroclor 1268	ND		ug/kg	48.9	5.06	A
PCBs, Total	ND		ug/kg	48.9	4.34	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	86		30-150	A
Decachlorobiphenyl	86		30-150	A
2,4,5,6-Tetrachloro-m-xylene	93		30-150	B
Decachlorobiphenyl	84		30-150	B

Project Name: JMA ADDITIONAL INVESTIGATION
Project Number: 059294

Lab Number: L2331318
Report Date: 07/05/23

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8082A
 Analytical Date: 06/21/23 12:26
 Analyst: MEO

Extraction Method: EPA 3510C
 Extraction Date: 06/20/23 23:27
 Cleanup Method: EPA 3665A
 Cleanup Date: 06/21/23
 Cleanup Method: EPA 3660B
 Cleanup Date: 06/21/23

Parameter	Result	Qualifier	Units	RL	MDL	Column
Polychlorinated Biphenyls by GC - Westborough Lab for sample(s): 26-32 Batch: WG1793970-1						
Aroclor 1016	ND		ug/l	0.071	0.061	A
Aroclor 1221	ND		ug/l	0.071	0.061	A
Aroclor 1232	ND		ug/l	0.071	0.061	A
Aroclor 1242	ND		ug/l	0.071	0.061	A
Aroclor 1248	ND		ug/l	0.071	0.061	A
Aroclor 1254	ND		ug/l	0.071	0.061	A
Aroclor 1260	ND		ug/l	0.071	0.061	A
Aroclor 1262	ND		ug/l	0.071	0.061	A
Aroclor 1268	ND		ug/l	0.071	0.061	A
PCBs, Total	ND		ug/l	0.071	0.061	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	62		30-150	A
Decachlorobiphenyl	84		30-150	A
2,4,5,6-Tetrachloro-m-xylene	59		30-150	B
Decachlorobiphenyl	79		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: JMA ADDITIONAL INVESTIGATION

Project Number: 059294

Lab Number: L2331318

Report Date: 07/05/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Polychlorinated Biphenyls by GC - Westborough Lab Associated sample(s): 04,07,11,14,18 Batch: WG1792860-2 WG1792860-3									
Aroclor 1016	78		78		40-140	0		50	A
Aroclor 1260	69		66		40-140	4		50	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	81		83		30-150	A
Decachlorobiphenyl	75		75		30-150	A
2,4,5,6-Tetrachloro-m-xylene	83		85		30-150	B
Decachlorobiphenyl	73		74		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: JMA ADDITIONAL INVESTIGATION

Project Number: 059294

Lab Number: L2331318

Report Date: 07/05/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Polychlorinated Biphenyls by GC - Westborough Lab Associated sample(s): 26-32 Batch: WG1793970-2 WG1793970-3									
Aroclor 1016	73		72		40-140	1		50	A
Aroclor 1260	76		75		40-140	1		50	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	67		66		30-150	A
Decachlorobiphenyl	86		85		30-150	A
2,4,5,6-Tetrachloro-m-xylene	61		60		30-150	B
Decachlorobiphenyl	79		84		30-150	B

METALS

Project Name: JMA ADDITIONAL INVESTIGATION**Lab Number:** L2331318**Project Number:** 059294**Report Date:** 07/05/23**SAMPLE RESULTS**

Lab ID: L2331318-04

Date Collected: 06/05/23 16:00

Client ID: SOIL-103

Date Received: 06/05/23

Sample Location: 140 CORTLAND AVE, SYRACUSE, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 66%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	6.78		mg/kg	0.584	0.122	1	06/21/23 22:38	07/03/23 13:14	EPA 3050B	1,6010D	DHL
Barium, Total	84.4		mg/kg	0.584	0.102	1	06/21/23 22:38	07/03/23 13:14	EPA 3050B	1,6010D	DHL
Cadmium, Total	0.250	J	mg/kg	0.584	0.057	1	06/21/23 22:38	07/03/23 13:14	EPA 3050B	1,6010D	DHL
Chromium, Total	16.1		mg/kg	0.584	0.056	1	06/21/23 22:38	07/03/23 13:14	EPA 3050B	1,6010D	DHL
Lead, Total	55.0		mg/kg	2.92	0.157	1	06/21/23 22:38	07/03/23 13:14	EPA 3050B	1,6010D	DHL
Mercury, Total	0.247		mg/kg	0.10	0.065	1	06/21/23 23:48	06/28/23 17:05	EPA 7471B	1,7471B	DMB
Selenium, Total	1.12	J	mg/kg	1.17	0.151	1	06/21/23 22:38	07/03/23 13:14	EPA 3050B	1,6010D	DHL
Silver, Total	ND		mg/kg	0.292	0.165	1	06/21/23 22:38	07/03/23 13:14	EPA 3050B	1,6010D	DHL



Project Name: JMA ADDITIONAL INVESTIGATION**Lab Number:** L2331318**Project Number:** 059294**Report Date:** 07/05/23**SAMPLE RESULTS**

Lab ID: L2331318-07

Date Collected: 06/06/23 10:15

Client ID: SOIL-106

Date Received: 06/06/23

Sample Location: 140 CORTLAND AVE, SYRACUSE, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 85%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	4.04		mg/kg	0.450	0.094	1	06/21/23 22:38	07/03/23 14:09	EPA 3050B	1,6010D	DHL
Barium, Total	39.8		mg/kg	0.450	0.078	1	06/21/23 22:38	07/03/23 14:09	EPA 3050B	1,6010D	DHL
Cadmium, Total	0.144	J	mg/kg	0.450	0.044	1	06/21/23 22:38	07/03/23 14:09	EPA 3050B	1,6010D	DHL
Chromium, Total	5.03		mg/kg	0.450	0.043	1	06/21/23 22:38	07/03/23 14:09	EPA 3050B	1,6010D	DHL
Lead, Total	5.61		mg/kg	2.25	0.120	1	06/21/23 22:38	07/03/23 14:09	EPA 3050B	1,6010D	DHL
Mercury, Total	ND		mg/kg	0.073	0.048	1	06/21/23 23:48	06/28/23 17:25	EPA 7471B	1,7471B	DMB
Selenium, Total	0.761	J	mg/kg	0.899	0.116	1	06/21/23 22:38	07/03/23 14:09	EPA 3050B	1,6010D	DHL
Silver, Total	ND		mg/kg	0.225	0.127	1	06/21/23 22:38	07/03/23 14:09	EPA 3050B	1,6010D	DHL



Project Name: JMA ADDITIONAL INVESTIGATION**Lab Number:** L2331318**Project Number:** 059294**Report Date:** 07/05/23**SAMPLE RESULTS**

Lab ID: L2331318-10

Date Collected: 06/06/23 14:10

Client ID: SOIL-109

Date Received: 06/06/23

Sample Location: 140 CORTLAND AVE, SYRACUSE, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 61%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	3.72		mg/kg	0.626	0.130	1	06/21/23 22:38	07/03/23 14:13	EPA 3050B	1,6010D	DHL
Barium, Total	44.7		mg/kg	0.626	0.109	1	06/21/23 22:38	07/03/23 14:13	EPA 3050B	1,6010D	DHL
Cadmium, Total	0.139	J	mg/kg	0.626	0.061	1	06/21/23 22:38	07/03/23 14:13	EPA 3050B	1,6010D	DHL
Chromium, Total	7.73		mg/kg	0.626	0.060	1	06/21/23 22:38	07/03/23 14:13	EPA 3050B	1,6010D	DHL
Lead, Total	4.55		mg/kg	3.13	0.168	1	06/21/23 22:38	07/03/23 14:13	EPA 3050B	1,6010D	DHL
Mercury, Total	ND		mg/kg	0.110	0.072	1	06/21/23 23:48	06/28/23 17:28	EPA 7471B	1,7471B	DMB
Selenium, Total	3.52		mg/kg	1.25	0.161	1	06/21/23 22:38	07/03/23 14:13	EPA 3050B	1,6010D	DHL
Silver, Total	ND		mg/kg	0.313	0.177	1	06/21/23 22:38	07/03/23 14:13	EPA 3050B	1,6010D	DHL



Project Name: JMA ADDITIONAL INVESTIGATION**Lab Number:** L2331318**Project Number:** 059294**Report Date:** 07/05/23**SAMPLE RESULTS**

Lab ID: L2331318-11

Date Collected: 06/06/23 14:50

Client ID: SOIL-110

Date Received: 06/06/23

Sample Location: 140 CORTLAND AVE, SYRACUSE, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 70%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	4.16		mg/kg	0.537	0.112	1	06/21/23 22:38	07/03/23 14:16	EPA 3050B	1,6010D	DHL
Barium, Total	89.1		mg/kg	0.537	0.093	1	06/21/23 22:38	07/03/23 14:16	EPA 3050B	1,6010D	DHL
Cadmium, Total	0.308	J	mg/kg	0.537	0.053	1	06/21/23 22:38	07/03/23 14:16	EPA 3050B	1,6010D	DHL
Chromium, Total	17.4		mg/kg	0.537	0.052	1	06/21/23 22:38	07/03/23 14:16	EPA 3050B	1,6010D	DHL
Lead, Total	27.7		mg/kg	2.68	0.144	1	06/21/23 22:38	07/03/23 14:16	EPA 3050B	1,6010D	DHL
Mercury, Total	0.093	J	mg/kg	0.104	0.068	1	06/21/23 23:48	06/28/23 17:32	EPA 7471B	1,7471B	DMB
Selenium, Total	0.560	J	mg/kg	1.07	0.138	1	06/21/23 22:38	07/03/23 14:16	EPA 3050B	1,6010D	DHL
Silver, Total	ND		mg/kg	0.268	0.152	1	06/21/23 22:38	07/03/23 14:16	EPA 3050B	1,6010D	DHL



Project Name: JMA ADDITIONAL INVESTIGATION**Lab Number:** L2331318**Project Number:** 059294**Report Date:** 07/05/23**SAMPLE RESULTS**

Lab ID: L2331318-13

Date Collected: 06/07/23 08:15

Client ID: SOIL-112

Date Received: 06/07/23

Sample Location: 140 CORTLAND AVE, SYRACUSE, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 75%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	10.2		mg/kg	0.522	0.108	1	06/21/23 22:38	07/03/23 14:19	EPA 3050B	1,6010D	DHL
Barium, Total	59.3		mg/kg	0.522	0.091	1	06/21/23 22:38	07/03/23 14:19	EPA 3050B	1,6010D	DHL
Cadmium, Total	0.816		mg/kg	0.522	0.051	1	06/21/23 22:38	07/03/23 14:19	EPA 3050B	1,6010D	DHL
Chromium, Total	11.8		mg/kg	0.522	0.050	1	06/21/23 22:38	07/03/23 14:19	EPA 3050B	1,6010D	DHL
Lead, Total	130		mg/kg	2.61	0.140	1	06/21/23 22:38	07/03/23 14:19	EPA 3050B	1,6010D	DHL
Mercury, Total	1.01		mg/kg	0.097	0.063	1	06/21/23 23:48	06/28/23 17:35	EPA 7471B	1,7471B	DMB
Selenium, Total	0.795	J	mg/kg	1.04	0.135	1	06/21/23 22:38	07/03/23 14:19	EPA 3050B	1,6010D	DHL
Silver, Total	0.355		mg/kg	0.261	0.148	1	06/21/23 22:38	07/03/23 14:19	EPA 3050B	1,6010D	DHL



Project Name: JMA ADDITIONAL INVESTIGATION**Lab Number:** L2331318**Project Number:** 059294**Report Date:** 07/05/23**SAMPLE RESULTS**

Lab ID: L2331318-14

Date Collected: 06/07/23 08:55

Client ID: SOIL-113

Date Received: 06/07/23

Sample Location: 140 CORTLAND AVE, SYRACUSE, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 84%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	1.96		mg/kg	0.457	0.095	1	06/21/23 22:38	07/03/23 14:23	EPA 3050B	1,6010D	DHL
Barium, Total	30.0		mg/kg	0.457	0.080	1	06/21/23 22:38	07/03/23 14:23	EPA 3050B	1,6010D	DHL
Cadmium, Total	0.083	J	mg/kg	0.457	0.045	1	06/21/23 22:38	07/03/23 14:23	EPA 3050B	1,6010D	DHL
Chromium, Total	5.31		mg/kg	0.457	0.044	1	06/21/23 22:38	07/03/23 14:23	EPA 3050B	1,6010D	DHL
Lead, Total	3.47		mg/kg	2.28	0.122	1	06/21/23 22:38	07/03/23 14:23	EPA 3050B	1,6010D	DHL
Mercury, Total	ND		mg/kg	0.074	0.048	1	06/21/23 23:48	06/28/23 17:38	EPA 7471B	1,7471B	DMB
Selenium, Total	0.312	J	mg/kg	0.914	0.118	1	06/21/23 22:38	07/03/23 14:23	EPA 3050B	1,6010D	DHL
Silver, Total	ND		mg/kg	0.228	0.129	1	06/21/23 22:38	07/03/23 14:23	EPA 3050B	1,6010D	DHL



Project Name: JMA ADDITIONAL INVESTIGATION**Lab Number:** L2331318**Project Number:** 059294**Report Date:** 07/05/23**SAMPLE RESULTS**

Lab ID: L2331318-15

Date Collected: 06/07/23 10:10

Client ID: SOIL-114

Date Received: 06/07/23

Sample Location: 140 CORTLAND AVE, SYRACUSE, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 61%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	6.56		mg/kg	0.639	0.133	1	06/21/23 22:38	07/03/23 14:27	EPA 3050B	1,6010D	DHL
Barium, Total	78.7		mg/kg	0.639	0.111	1	06/21/23 22:38	07/03/23 14:27	EPA 3050B	1,6010D	DHL
Cadmium, Total	0.465	J	mg/kg	0.639	0.063	1	06/21/23 22:38	07/03/23 14:27	EPA 3050B	1,6010D	DHL
Chromium, Total	16.9		mg/kg	0.639	0.061	1	06/21/23 22:38	07/03/23 14:27	EPA 3050B	1,6010D	DHL
Lead, Total	77.0		mg/kg	3.20	0.171	1	06/21/23 22:38	07/03/23 14:27	EPA 3050B	1,6010D	DHL
Mercury, Total	0.578		mg/kg	0.112	0.073	1	06/21/23 23:48	06/28/23 17:42	EPA 7471B	1,7471B	DMB
Selenium, Total	1.06	J	mg/kg	1.28	0.165	1	06/21/23 22:38	07/03/23 14:27	EPA 3050B	1,6010D	DHL
Silver, Total	ND		mg/kg	0.320	0.181	1	06/21/23 22:38	07/03/23 14:27	EPA 3050B	1,6010D	DHL



Project Name: JMA ADDITIONAL INVESTIGATION**Lab Number:** L2331318**Project Number:** 059294**Report Date:** 07/05/23**SAMPLE RESULTS**

Lab ID: L2331318-18

Date Collected: 06/07/23 15:15

Client ID: SOIL-117

Date Received: 06/07/23

Sample Location: 140 CORTLAND AVE, SYRACUSE, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 84%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	8.86		mg/kg	0.457	0.095	1	06/21/23 22:38	07/03/23 14:30	EPA 3050B	1,6010D	DHL
Barium, Total	151		mg/kg	0.457	0.080	1	06/21/23 22:38	07/03/23 14:30	EPA 3050B	1,6010D	DHL
Cadmium, Total	0.482		mg/kg	0.457	0.045	1	06/21/23 22:38	07/03/23 14:30	EPA 3050B	1,6010D	DHL
Chromium, Total	14.8		mg/kg	0.457	0.044	1	06/21/23 22:38	07/03/23 14:30	EPA 3050B	1,6010D	DHL
Lead, Total	287		mg/kg	2.28	0.122	1	06/21/23 22:38	07/03/23 14:30	EPA 3050B	1,6010D	DHL
Mercury, Total	0.338		mg/kg	0.085	0.055	1	06/21/23 23:48	06/28/23 17:45	EPA 7471B	1,7471B	DMB
Selenium, Total	1.58		mg/kg	0.914	0.118	1	06/21/23 22:38	07/03/23 14:30	EPA 3050B	1,6010D	DHL
Silver, Total	ND		mg/kg	0.228	0.129	1	06/21/23 22:38	07/03/23 14:30	EPA 3050B	1,6010D	DHL



Project Name: JMA ADDITIONAL INVESTIGATION**Lab Number:** L2331318**Project Number:** 059294**Report Date:** 07/05/23**SAMPLE RESULTS**

Lab ID: L2331318-21

Date Collected: 06/07/23 10:45

Client ID: SURF-01

Date Received: 06/07/23

Sample Location: 140 CORTLAND AVE, SYRACUSE, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 91%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	37.9		mg/kg	0.424	0.088	1	06/21/23 22:38	07/03/23 14:33	EPA 3050B	1,6010D	DHL
Barium, Total	230		mg/kg	0.424	0.074	1	06/21/23 22:38	07/03/23 14:33	EPA 3050B	1,6010D	DHL
Cadmium, Total	0.505		mg/kg	0.424	0.042	1	06/21/23 22:38	07/03/23 14:33	EPA 3050B	1,6010D	DHL
Chromium, Total	26.9		mg/kg	0.424	0.041	1	06/21/23 22:38	07/03/23 14:33	EPA 3050B	1,6010D	DHL
Lead, Total	347		mg/kg	2.12	0.114	1	06/21/23 22:38	07/03/23 14:33	EPA 3050B	1,6010D	DHL
Mercury, Total	0.180		mg/kg	0.079	0.051	1	06/21/23 23:48	06/28/23 17:55	EPA 7471B	1,7471B	DMB
Selenium, Total	3.29		mg/kg	0.848	0.109	1	06/21/23 22:38	07/03/23 14:33	EPA 3050B	1,6010D	DHL
Silver, Total	ND		mg/kg	1.06	0.600	5	06/21/23 22:38	07/03/23 17:45	EPA 3050B	1,6010D	TAA



Project Name: JMA ADDITIONAL INVESTIGATION**Lab Number:** L2331318**Project Number:** 059294**Report Date:** 07/05/23**SAMPLE RESULTS**

Lab ID: L2331318-22

Date Collected: 06/07/23 11:50

Client ID: SURF-02

Date Received: 06/07/23

Sample Location: 140 CORTLAND AVE, SYRACUSE, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 79%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	119		mg/kg	0.503	0.105	1	06/21/23 22:38	07/03/23 15:50	EPA 3050B	1,6010D	TAA
Barium, Total	521		mg/kg	0.503	0.088	1	06/21/23 22:38	07/03/23 15:50	EPA 3050B	1,6010D	TAA
Cadmium, Total	51.3		mg/kg	0.503	0.049	1	06/21/23 22:38	07/03/23 15:50	EPA 3050B	1,6010D	TAA
Chromium, Total	129		mg/kg	0.503	0.048	1	06/21/23 22:38	07/03/23 15:50	EPA 3050B	1,6010D	TAA
Lead, Total	7490		mg/kg	2.52	0.135	1	06/21/23 22:38	07/03/23 15:50	EPA 3050B	1,6010D	TAA
Mercury, Total	4.13		mg/kg	0.180	0.118	2	06/21/23 23:48	06/28/23 19:50	EPA 7471B	1,7471B	DMB
Selenium, Total	10.9		mg/kg	1.01	0.130	1	06/21/23 22:38	07/03/23 15:50	EPA 3050B	1,6010D	TAA
Silver, Total	5.08		mg/kg	0.252	0.142	1	06/21/23 22:38	07/03/23 15:50	EPA 3050B	1,6010D	TAA



Project Name: JMA ADDITIONAL INVESTIGATION**Lab Number:** L2331318**Project Number:** 059294**Report Date:** 07/05/23**SAMPLE RESULTS**

Lab ID: L2331318-23

Date Collected: 06/07/23 12:25

Client ID: SURF-03

Date Received: 06/07/23

Sample Location: 140 CORTLAND AVE, SYRACUSE, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 69%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	21.4		mg/kg	0.582	0.121	1	06/21/23 22:38	07/03/23 15:53	EPA 3050B	1,6010D	TAA
Barium, Total	153		mg/kg	0.582	0.101	1	06/21/23 22:38	07/03/23 15:53	EPA 3050B	1,6010D	TAA
Cadmium, Total	2.20		mg/kg	0.582	0.057	1	06/21/23 22:38	07/03/23 15:53	EPA 3050B	1,6010D	TAA
Chromium, Total	36.6		mg/kg	0.582	0.056	1	06/21/23 22:38	07/03/23 15:53	EPA 3050B	1,6010D	TAA
Lead, Total	944		mg/kg	2.91	0.156	1	06/21/23 22:38	07/03/23 15:53	EPA 3050B	1,6010D	TAA
Mercury, Total	2.81		mg/kg	0.098	0.064	1	06/21/23 23:48	06/28/23 18:01	EPA 7471B	1,7471B	DMB
Selenium, Total	2.92		mg/kg	1.16	0.150	1	06/21/23 22:38	07/03/23 15:53	EPA 3050B	1,6010D	TAA
Silver, Total	0.596		mg/kg	0.291	0.165	1	06/21/23 22:38	07/03/23 15:53	EPA 3050B	1,6010D	TAA



Project Name: JMA ADDITIONAL INVESTIGATION**Lab Number:** L2331318**Project Number:** 059294**Report Date:** 07/05/23**SAMPLE RESULTS**

Lab ID: L2331318-24

Date Collected: 06/07/23 13:20

Client ID: SURF-04

Date Received: 06/07/23

Sample Location: 140 CORTLAND AVE, 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	6.89		mg/kg	0.458	0.095	1	06/21/23 22:38	07/03/23 15:57	EPA 3050B	1,6010D	TAA
Barium, Total	78.0		mg/kg	0.458	0.080	1	06/21/23 22:38	07/03/23 15:57	EPA 3050B	1,6010D	TAA
Cadmium, Total	0.240	J	mg/kg	0.458	0.045	1	06/21/23 22:38	07/03/23 15:57	EPA 3050B	1,6010D	TAA
Chromium, Total	15.9		mg/kg	0.458	0.044	1	06/21/23 22:38	07/03/23 15:57	EPA 3050B	1,6010D	TAA
Lead, Total	61.1		mg/kg	2.29	0.123	1	06/21/23 22:38	07/03/23 15:57	EPA 3050B	1,6010D	TAA
Mercury, Total	0.174		mg/kg	0.083	0.054	1	06/21/23 23:48	06/28/23 18:05	EPA 7471B	1,7471B	DMB
Selenium, Total	0.444	J	mg/kg	0.916	0.118	1	06/21/23 22:38	07/03/23 15:57	EPA 3050B	1,6010D	TAA
Silver, Total	ND		mg/kg	0.229	0.130	1	06/21/23 22:38	07/03/23 15:57	EPA 3050B	1,6010D	TAA



Project Name: JMA ADDITIONAL INVESTIGATION**Lab Number:** L2331318**Project Number:** 059294**Report Date:** 07/05/23**SAMPLE RESULTS**

Lab ID: L2331318-25

Date Collected: 06/07/23 14:00

Client ID: SURF-05

Date Received: 06/07/23

Sample Location: 140 CORTLAND AVE, SYRACUSE, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 91%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	4.91		mg/kg	0.429	0.089	1	06/21/23 22:38	07/03/23 16:00	EPA 3050B	1,6010D	TAA
Barium, Total	146		mg/kg	0.429	0.075	1	06/21/23 22:38	07/03/23 16:00	EPA 3050B	1,6010D	TAA
Cadmium, Total	5.18		mg/kg	0.429	0.042	1	06/21/23 22:38	07/03/23 16:00	EPA 3050B	1,6010D	TAA
Chromium, Total	38.9		mg/kg	0.429	0.041	1	06/21/23 22:38	07/03/23 16:00	EPA 3050B	1,6010D	TAA
Lead, Total	212		mg/kg	2.15	0.115	1	06/21/23 22:38	07/03/23 16:00	EPA 3050B	1,6010D	TAA
Mercury, Total	0.112		mg/kg	0.080	0.052	1	06/21/23 23:48	06/28/23 18:08	EPA 7471B	1,7471B	DMB
Selenium, Total	0.726	J	mg/kg	0.859	0.111	1	06/21/23 22:38	07/03/23 16:00	EPA 3050B	1,6010D	TAA
Silver, Total	0.826		mg/kg	0.215	0.122	1	06/21/23 22:38	07/03/23 16:00	EPA 3050B	1,6010D	TAA



Project Name: JMA ADDITIONAL INVESTIGATION**Lab Number:** L2331318**Project Number:** 059294**Report Date:** 07/05/23**SAMPLE RESULTS**

Lab ID: L2331318-26

Date Collected: 06/08/23 10:35

Client ID: TMW-108

Date Received: 06/08/23

Sample Location: 140 CORTLAND AVE, SYRACUSE, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	0.03964		mg/l	0.00100	0.00033	1	06/21/23 15:21	06/27/23 11:12	EPA 3005A	1,6020B	EJF
Barium, Total	1.213		mg/l	0.00100	0.00034	1	06/21/23 15:21	06/27/23 11:12	EPA 3005A	1,6020B	EJF
Cadmium, Total	0.00059		mg/l	0.00040	0.00011	1	06/21/23 15:21	06/27/23 11:12	EPA 3005A	1,6020B	EJF
Chromium, Total	0.05790		mg/l	0.00200	0.00035	1	06/21/23 15:21	06/27/23 11:12	EPA 3005A	1,6020B	EJF
Lead, Total	0.1405		mg/l	0.00200	0.00068	1	06/21/23 15:21	06/27/23 11:12	EPA 3005A	1,6020B	EJF
Mercury, Total	0.00419		mg/l	0.00020	0.00009	1	06/21/23 16:50	06/23/23 11:30	EPA 7470A	1,7470A	DMB
Selenium, Total	0.0108		mg/l	0.0100	0.00346	1	06/21/23 15:21	06/27/23 11:12	EPA 3005A	1,6020B	EJF
Silver, Total	ND		mg/l	0.00080	0.00032	1	06/21/23 15:21	06/27/23 11:12	EPA 3005A	1,6020B	EJF



Project Name: JMA ADDITIONAL INVESTIGATION**Lab Number:** L2331318**Project Number:** 059294**Report Date:** 07/05/23**SAMPLE RESULTS**

Lab ID: L2331318-27

Date Collected: 06/08/23 09:25

Client ID: TMW-105

Date Received: 06/08/23

Sample Location: 140 CORTLAND AVE, SYRACUSE, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	0.02313		mg/l	0.00100	0.00033	1	06/21/23 15:21	06/27/23 11:17	EPA 3005A	1,6020B	EJF
Barium, Total	1.689		mg/l	0.00100	0.00034	1	06/21/23 15:21	06/27/23 11:17	EPA 3005A	1,6020B	EJF
Cadmium, Total	0.00080		mg/l	0.00040	0.00011	1	06/21/23 15:21	06/27/23 11:17	EPA 3005A	1,6020B	EJF
Chromium, Total	0.05393		mg/l	0.00200	0.00035	1	06/21/23 15:21	06/27/23 11:17	EPA 3005A	1,6020B	EJF
Lead, Total	0.1019		mg/l	0.00200	0.00068	1	06/21/23 15:21	06/27/23 11:17	EPA 3005A	1,6020B	EJF
Mercury, Total	0.00020		mg/l	0.00020	0.00009	1	06/21/23 16:50	06/29/23 12:49	EPA 7470A	1,7470A	DMB
Selenium, Total	0.0169		mg/l	0.0100	0.00346	1	06/21/23 15:21	06/27/23 11:17	EPA 3005A	1,6020B	EJF
Silver, Total	ND		mg/l	0.00080	0.00032	1	06/21/23 15:21	06/27/23 11:17	EPA 3005A	1,6020B	EJF



Project Name: JMA ADDITIONAL INVESTIGATION**Lab Number:** L2331318**Project Number:** 059294**Report Date:** 07/05/23**SAMPLE RESULTS**

Lab ID: L2331318-28

Date Collected: 06/08/23 13:30

Client ID: TMW-112

Date Received: 06/08/23

Sample Location: 140 CORTLAND AVE, SYRACUSE, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	0.01986		mg/l	0.00050	0.00016	1	06/21/23 15:21	06/27/23 11:22	EPA 3005A	1,6020B	EJF
Barium, Total	0.4592		mg/l	0.00050	0.00017	1	06/21/23 15:21	06/27/23 11:22	EPA 3005A	1,6020B	EJF
Cadmium, Total	0.00699		mg/l	0.00020	0.00005	1	06/21/23 15:21	06/27/23 11:22	EPA 3005A	1,6020B	EJF
Chromium, Total	0.01365		mg/l	0.00100	0.00017	1	06/21/23 15:21	06/27/23 11:22	EPA 3005A	1,6020B	EJF
Lead, Total	0.5132		mg/l	0.00100	0.00034	1	06/21/23 15:21	06/27/23 11:22	EPA 3005A	1,6020B	EJF
Mercury, Total	0.00198		mg/l	0.00020	0.00009	1	06/21/23 16:50	06/29/23 12:52	EPA 7470A	1,7470A	DMB
Selenium, Total	0.00363	J	mg/l	0.00500	0.00173	1	06/21/23 15:21	06/27/23 11:22	EPA 3005A	1,6020B	EJF
Silver, Total	0.00035	J	mg/l	0.00040	0.00016	1	06/21/23 15:21	06/27/23 11:22	EPA 3005A	1,6020B	EJF



Project Name: JMA ADDITIONAL INVESTIGATION**Lab Number:** L2331318**Project Number:** 059294**Report Date:** 07/05/23**SAMPLE RESULTS**

Lab ID: L2331318-29

Date Collected: 06/08/23 08:30

Client ID: TMW-101

Date Received: 06/08/23

Sample Location: 140 CORTLAND AVE, SYRACUSE, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	0.02601		mg/l	0.00050	0.00016	1	06/21/23 15:21	06/27/23 11:27	EPA 3005A	1,6020B	EJF
Barium, Total	0.4908		mg/l	0.00050	0.00017	1	06/21/23 15:21	06/27/23 11:27	EPA 3005A	1,6020B	EJF
Cadmium, Total	0.00069		mg/l	0.00020	0.00005	1	06/21/23 15:21	06/27/23 11:27	EPA 3005A	1,6020B	EJF
Chromium, Total	0.04597		mg/l	0.00100	0.00017	1	06/21/23 15:21	06/27/23 11:27	EPA 3005A	1,6020B	EJF
Lead, Total	0.06988		mg/l	0.00100	0.00034	1	06/21/23 15:21	06/27/23 11:27	EPA 3005A	1,6020B	EJF
Mercury, Total	ND		mg/l	0.00020	0.00009	1	06/21/23 16:50	06/29/23 12:56	EPA 7470A	1,7470A	DMB
Selenium, Total	0.0157		mg/l	0.00500	0.00173	1	06/21/23 15:21	06/27/23 11:27	EPA 3005A	1,6020B	EJF
Silver, Total	ND		mg/l	0.00040	0.00016	1	06/21/23 15:21	06/27/23 11:27	EPA 3005A	1,6020B	EJF



Project Name: JMA ADDITIONAL INVESTIGATION**Lab Number:** L2331318**Project Number:** 059294**Report Date:** 07/05/23**SAMPLE RESULTS**

Lab ID: L2331318-30

Date Collected: 06/08/23 15:00

Client ID: TMW-111

Date Received: 06/08/23

Sample Location: 140 CORTLAND AVE, SYRACUSE, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	0.01915		mg/l	0.00050	0.00016	1	06/21/23 15:21	06/27/23 11:32	EPA 3005A	1,6020B	EJF
Barium, Total	0.5262		mg/l	0.00050	0.00017	1	06/21/23 15:21	06/27/23 11:32	EPA 3005A	1,6020B	EJF
Cadmium, Total	0.00066		mg/l	0.00020	0.00005	1	06/21/23 15:21	06/27/23 11:32	EPA 3005A	1,6020B	EJF
Chromium, Total	0.04334		mg/l	0.00100	0.00017	1	06/21/23 15:21	06/27/23 11:32	EPA 3005A	1,6020B	EJF
Lead, Total	0.06922		mg/l	0.00100	0.00034	1	06/21/23 15:21	06/27/23 11:32	EPA 3005A	1,6020B	EJF
Mercury, Total	ND		mg/l	0.00020	0.00009	1	06/21/23 16:50	06/29/23 12:59	EPA 7470A	1,7470A	DMB
Selenium, Total	0.0133		mg/l	0.00500	0.00173	1	06/21/23 15:21	06/27/23 11:32	EPA 3005A	1,6020B	EJF
Silver, Total	ND		mg/l	0.00040	0.00016	1	06/21/23 15:21	06/27/23 11:32	EPA 3005A	1,6020B	EJF



Project Name: JMA ADDITIONAL INVESTIGATION**Lab Number:** L2331318**Project Number:** 059294**Report Date:** 07/05/23**SAMPLE RESULTS**

Lab ID: L2331318-31

Date Collected: 06/08/23 12:40

Client ID: TMW-117

Date Received: 06/08/23

Sample Location: 140 CORTLAND AVE, SYRACUSE, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	0.05815		mg/l	0.00100	0.00033	1	06/21/23 15:21	06/27/23 11:36	EPA 3005A	1,6020B	EJF
Barium, Total	1.639		mg/l	0.00100	0.00034	1	06/21/23 15:21	06/27/23 11:36	EPA 3005A	1,6020B	EJF
Cadmium, Total	0.00153		mg/l	0.00040	0.00011	1	06/21/23 15:21	06/27/23 11:36	EPA 3005A	1,6020B	EJF
Chromium, Total	0.09925		mg/l	0.00200	0.00035	1	06/21/23 15:21	06/27/23 11:36	EPA 3005A	1,6020B	EJF
Lead, Total	2.759		mg/l	0.00200	0.00068	1	06/21/23 15:21	06/27/23 11:36	EPA 3005A	1,6020B	EJF
Mercury, Total	0.00894		mg/l	0.00020	0.00009	1	06/21/23 16:50	06/29/23 13:09	EPA 7470A	1,7470A	DMB
Selenium, Total	0.0144		mg/l	0.0100	0.00346	1	06/21/23 15:21	06/27/23 11:36	EPA 3005A	1,6020B	EJF
Silver, Total	0.00092		mg/l	0.00080	0.00032	1	06/21/23 15:21	06/27/23 11:36	EPA 3005A	1,6020B	EJF



Project Name: JMA ADDITIONAL INVESTIGATION**Lab Number:** L2331318**Project Number:** 059294**Report Date:** 07/05/23**SAMPLE RESULTS**

Lab ID: L2331318-32

Date Collected: 06/08/23 14:00

Client ID: TMW-114

Date Received: 06/08/23

Sample Location: 140 CORTLAND AVE, SYRACUSE, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	0.04224		mg/l	0.00050	0.00016	1	06/21/23 15:21	06/27/23 11:41	EPA 3005A	1,6020B	EJF
Barium, Total	1.063		mg/l	0.00050	0.00017	1	06/21/23 15:21	06/27/23 11:41	EPA 3005A	1,6020B	EJF
Cadmium, Total	0.00147		mg/l	0.00020	0.00005	1	06/21/23 15:21	06/27/23 11:41	EPA 3005A	1,6020B	EJF
Chromium, Total	0.06609		mg/l	0.00100	0.00017	1	06/21/23 15:21	06/27/23 11:41	EPA 3005A	1,6020B	EJF
Lead, Total	0.2242		mg/l	0.00100	0.00034	1	06/21/23 15:21	06/27/23 11:41	EPA 3005A	1,6020B	EJF
Mercury, Total	0.00031		mg/l	0.00020	0.00009	1	06/21/23 16:50	06/29/23 13:13	EPA 7470A	1,7470A	DMB
Selenium, Total	0.0249		mg/l	0.00500	0.00173	1	06/21/23 15:21	06/27/23 11:41	EPA 3005A	1,6020B	EJF
Silver, Total	0.00033	J	mg/l	0.00040	0.00016	1	06/21/23 15:21	06/27/23 11:41	EPA 3005A	1,6020B	EJF



Project Name: JMA ADDITIONAL INVESTIGATION

Lab Number: L2331318

Project Number: 059294

Report Date: 07/05/23

Method Blank Analysis Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 04,07,10-11,13-15,18,21-25 Batch: WG1793301-1										
Arsenic, Total	ND		mg/kg	0.400	0.083	1	06/21/23 22:38	07/03/23 12:57	1,6010D	DHL
Barium, Total	ND		mg/kg	0.400	0.070	1	06/21/23 22:38	07/03/23 12:57	1,6010D	DHL
Cadmium, Total	ND		mg/kg	0.400	0.039	1	06/21/23 22:38	07/03/23 12:57	1,6010D	DHL
Chromium, Total	ND		mg/kg	0.400	0.038	1	06/21/23 22:38	07/03/23 12:57	1,6010D	DHL
Lead, Total	ND		mg/kg	2.00	0.107	1	06/21/23 22:38	07/03/23 12:57	1,6010D	DHL
Selenium, Total	ND		mg/kg	0.800	0.103	1	06/21/23 22:38	07/03/23 12:57	1,6010D	DHL
Silver, Total	ND		mg/kg	0.200	0.113	1	06/21/23 22:38	07/03/23 12:57	1,6010D	DHL

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): 04,07,10-11,13-15,18,21-25 Batch: WG1793302-1										
Mercury, Total	ND		mg/kg	0.083	0.054	1	06/21/23 23:48	06/28/23 16:59	1,7471B	DMB

Prep Information

Digestion Method: EPA 7471B

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 26-32 Batch: WG1793754-1										
Arsenic, Total	ND		mg/l	0.00050	0.00016	1	06/21/23 15:21	06/23/23 09:47	1,6020B	SMV
Barium, Total	ND		mg/l	0.00050	0.00017	1	06/21/23 15:21	06/23/23 09:47	1,6020B	SMV
Cadmium, Total	ND		mg/l	0.00020	0.00005	1	06/21/23 15:21	06/23/23 09:47	1,6020B	SMV
Chromium, Total	ND		mg/l	0.00100	0.00017	1	06/21/23 15:21	06/23/23 09:47	1,6020B	SMV
Lead, Total	ND		mg/l	0.00100	0.00034	1	06/21/23 15:21	06/23/23 09:47	1,6020B	SMV
Selenium, Total	ND		mg/l	0.00500	0.00173	1	06/21/23 15:21	06/23/23 09:47	1,6020B	SMV
Silver, Total	ND		mg/l	0.00040	0.00016	1	06/21/23 15:21	06/23/23 09:47	1,6020B	SMV

Project Name: JMA ADDITIONAL INVESTIGATION**Lab Number:** L2331318**Project Number:** 059294**Report Date:** 07/05/23

Method Blank Analysis Batch Quality Control

Prep Information

Digestion Method: EPA 3005A

Parameter	Result Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 26-32 Batch: WG1793755-1									
Mercury, Total	ND	mg/l	0.00020	0.00009	1	06/21/23 16:50	06/23/23 11:23	1,7470A	DMB

Prep Information

Digestion Method: EPA 7470A

Lab Control Sample Analysis**Batch Quality Control****Project Name:** JMA ADDITIONAL INVESTIGATION**Lab Number:** L2331318**Project Number:** 059294**Report Date:** 07/05/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 04,07,10-11,13-15,18,21-25 Batch: WG1793301-2 SRM Lot Number: D119-540								
Arsenic, Total	105		-		83-117	-		
Barium, Total	105		-		82-118	-		
Cadmium, Total	106		-		82-117	-		
Chromium, Total	110		-		82-119	-		
Lead, Total	104		-		82-118	-		
Selenium, Total	112		-		79-121	-		
Silver, Total	104		-		80-120	-		
Total Metals - Mansfield Lab Associated sample(s): 04,07,10-11,13-15,18,21-25 Batch: WG1793302-2 SRM Lot Number: D119-540								
Mercury, Total	87		-		73-127	-		
Total Metals - Mansfield Lab Associated sample(s): 26-32 Batch: WG1793754-2								
Arsenic, Total	100		-		80-120	-		
Barium, Total	100		-		80-120	-		
Cadmium, Total	101		-		80-120	-		
Chromium, Total	98		-		80-120	-		
Lead, Total	102		-		80-120	-		
Selenium, Total	95		-		80-120	-		
Silver, Total	96		-		80-120	-		

Lab Control Sample Analysis**Batch Quality Control****Project Name:** JMA ADDITIONAL INVESTIGATION**Project Number:** 059294**Lab Number:** L2331318**Report Date:** 07/05/23

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 26-32 Batch: WG1793755-2					
Mercury, Total	113	-	80-120	-	

Matrix Spike Analysis **Batch Quality Control**

Project Name: JMA ADDITIONAL INVESTIGATION
Project Number: 059294

Lab Number: L2331318
Report Date: 07/05/23

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 04,07,10-11,13-15,18,21-25 QC Batch ID: WG1793301-3 QC Sample: L2331318-04 Client ID: SOIL-103												
Arsenic, Total	6.78	14.2	21.2	101		-	-		75-125	-		20
Barium, Total	84.4	237	303	92		-	-		75-125	-		20
Cadmium, Total	0.250J	6.28	5.77	92		-	-		75-125	-		20
Chromium, Total	16.1	23.7	39.2	97		-	-		75-125	-		20
Lead, Total	55.0	62.8	98.3	69	Q	-	-		75-125	-		20
Selenium, Total	1.12J	14.2	16.7	117		-	-		75-125	-		20
Silver, Total	ND	5.93	6.28	106		-	-		75-125	-		20

Total Metals - Mansfield Lab Associated sample(s): 04,07,10-11,13-15,18,21-25 QC Batch ID: WG1793302-3 QC Sample: L2331318-04 Client ID: SOIL-103

Mercury, Total	0.247	2.02	2.33	103		-	-		80-120	-		20

Total Metals - Mansfield Lab Associated sample(s): 26-32 QC Batch ID: WG1793754-3 WG1793754-4 QC Sample: L2332397-01 Client ID: MS Sample

Arsenic, Total	0.03852	0.12	0.1658	106		0.1590	100		75-125	4		20
Barium, Total	0.7292	2	2.765	102		2.689	98		75-125	3		20
Cadmium, Total	ND	0.053	0.05408	102		0.05354	101		75-125	1		20
Chromium, Total	0.0005J	0.2	0.2052	103		0.1995	100		75-125	3		20
Lead, Total	0.0006J	0.53	0.5253	99		0.5145	97		75-125	2		20
Selenium, Total	ND	0.12	0.119	99		0.117	98		75-125	2		20
Silver, Total	ND	0.05	0.04831	97		0.04757	95		75-125	2		20

Total Metals - Mansfield Lab Associated sample(s): 26-32 QC Batch ID: WG1793755-3 QC Sample: L2331318-26 Client ID: TMW-108

Mercury, Total	0.00419	0.005	0.00937	104		-	-		75-125	-		20

Lab Duplicate Analysis *Batch Quality Control*

Project Name: JMA ADDITIONAL INVESTIGATION

Project Number: 059294

Lab Number: L2331318

Report Date: 07/05/23

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 04,07,10-11,13-15,18,21-25 QC Batch ID: WG1793301-4 QC Sample: L2331318-04 Client ID: SOIL-103						
Arsenic, Total	6.78	6.66	mg/kg	2		20
Barium, Total	84.4	85.0	mg/kg	1		20
Cadmium, Total	0.250J	0.243J	mg/kg	NC		20
Chromium, Total	16.1	15.9	mg/kg	1		20
Lead, Total	55.0	47.4	mg/kg	15		20
Selenium, Total	1.12J	0.930J	mg/kg	NC		20
Silver, Total	ND	ND	mg/kg	NC		20
Total Metals - Mansfield Lab Associated sample(s): 04,07,10-11,13-15,18,21-25 QC Batch ID: WG1793302-4 QC Sample: L2331318-04 Client ID: SOIL-103						
Mercury, Total	0.247	0.236	mg/kg	5		20
Total Metals - Mansfield Lab Associated sample(s): 26-32 QC Batch ID: WG1793755-4 QC Sample: L2331318-26 Client ID: TMW-108						
Mercury, Total	0.00419	0.00413	mg/l	1		20

Project Name: JMA ADDITIONAL INVESTIGATION

Project Number: 059294

Lab Serial Dilution Analysis Batch Quality Control

Lab Number: L2331318

Report Date: 07/05/23

Parameter	Native Sample	Serial Dilution	Units	% D	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 04,07,10-11,13-15,18,21-25 QC Batch ID: WG1793301-6 QC Sample: L2331318-04 Client ID: SOIL-103						
Barium, Total	84.4	88.5	mg/kg	5		20
Chromium, Total	16.1	17.1	mg/kg	6		20
Total Metals - Mansfield Lab Associated sample(s): 26-32 QC Batch ID: WG1793754-6 QC Sample: L2332397-01 Client ID: DUP Sample						
Arsenic, Total	0.03852	0.04004	mg/l	4		20

INORGANICS & MISCELLANEOUS

Project Name: JMA ADDITIONAL INVESTIGATION**Project Number:** 059294**Lab Number:** L2331318**Report Date:** 07/05/23**SAMPLE RESULTS****Lab ID:** L2331318-01**Client ID:** SOIL-100**Sample Location:** 140 CORTLAND AVE, SYRACUSE, NY**Date Collected:** 06/05/23 13:30**Date Received:** 06/05/23**Field Prep:** Not Specified**Sample Depth:****Matrix:** Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	88.5		%	0.100	NA	1	-	06/06/23 10:44	121,2540G	ROI



Project Name: JMA ADDITIONAL INVESTIGATION
Project Number: 059294

Lab Number: L2331318
Report Date: 07/05/23

SAMPLE RESULTS

Lab ID: L2331318-02
Client ID: SOIL-101
Sample Location: 140 CORTLAND AVE, SYRACUSE, NY

Date Collected: 06/05/23 14:30
Date Received: 06/05/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	70.6		%	0.100	NA	1	-	06/06/23 10:44	121,2540G	ROI



Project Name: JMA ADDITIONAL INVESTIGATION
Project Number: 059294

Lab Number: L2331318
Report Date: 07/05/23

SAMPLE RESULTS

Lab ID: L2331318-03
Client ID: SOIL-102
Sample Location: 140 CORTLAND AVE, SYRACUSE, NY

Date Collected: 06/05/23 15:10
Date Received: 06/05/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	83.7		%	0.100	NA	1	-	06/06/23 10:44	121,2540G	ROI



Project Name: JMA ADDITIONAL INVESTIGATION
Project Number: 059294

Lab Number: L2331318
Report Date: 07/05/23

SAMPLE RESULTS

Lab ID: L2331318-04
Client ID: SOIL-103
Sample Location: 140 CORTLAND AVE, SYRACUSE, NY

Date Collected: 06/05/23 16:00
Date Received: 06/05/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	65.6		%	0.100	NA	1	-	06/06/23 10:56	121,2540G	ROI



Project Name: JMA ADDITIONAL INVESTIGATION
Project Number: 059294

Lab Number: L2331318
Report Date: 07/05/23

SAMPLE RESULTS

Lab ID: L2331318-05
Client ID: SOIL-104
Sample Location: 140 CORTLAND AVE, SYRACUSE, NY

Date Collected: 06/05/23 16:30
Date Received: 06/05/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	63.1		%	0.100	NA	1	-	06/06/23 10:56	121,2540G	ROI



Project Name: JMA ADDITIONAL INVESTIGATION**Project Number:** 059294**Lab Number:** L2331318**Report Date:** 07/05/23**SAMPLE RESULTS****Lab ID:** L2331318-06**Client ID:** SOIL-105**Sample Location:** 140 CORTLAND AVE, SYRACUSE, NY**Date Collected:** 06/06/23 08:35**Date Received:** 06/06/23**Field Prep:** Not Specified**Sample Depth:****Matrix:** Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	84.0		%	0.100	NA	1	-	06/07/23 11:51	121,2540G	ROI



Project Name: JMA ADDITIONAL INVESTIGATION**Project Number:** 059294**Lab Number:** L2331318**Report Date:** 07/05/23**SAMPLE RESULTS****Lab ID:** L2331318-07**Client ID:** SOIL-106**Sample Location:** 140 CORTLAND AVE, SYRACUSE, NY**Date Collected:** 06/06/23 10:15**Date Received:** 06/06/23**Field Prep:** Not Specified**Sample Depth:****Matrix:** Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	85.4		%	0.100	NA	1	-	06/07/23 11:51	121,2540G	ROI



Project Name: JMA ADDITIONAL INVESTIGATION
Project Number: 059294

Lab Number: L2331318
Report Date: 07/05/23

SAMPLE RESULTS

Lab ID: L2331318-08
Client ID: SOIL-107
Sample Location: 140 CORTLAND AVE, SYRACUSE, NY

Date Collected: 06/06/23 11:20
Date Received: 06/06/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	72.6		%	0.100	NA	1	-	06/07/23 11:51	121,2540G	ROI



Project Name: JMA ADDITIONAL INVESTIGATION
Project Number: 059294

Lab Number: L2331318
Report Date: 07/05/23

SAMPLE RESULTS

Lab ID: L2331318-09
Client ID: SOIL-108
Sample Location: 140 CORTLAND AVE, SYRACUSE, NY

Date Collected: 06/06/23 12:00
Date Received: 06/06/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	75.7		%	0.100	NA	1	-	06/07/23 11:51	121,2540G	ROI



Project Name: JMA ADDITIONAL INVESTIGATION**Project Number:** 059294**Lab Number:** L2331318**Report Date:** 07/05/23**SAMPLE RESULTS****Lab ID:** L2331318-10**Client ID:** SOIL-109**Sample Location:** 140 CORTLAND AVE, SYRACUSE, NY**Date Collected:** 06/06/23 14:10**Date Received:** 06/06/23**Field Prep:** Not Specified**Sample Depth:****Matrix:** Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	60.8		%	0.100	NA	1	-	06/07/23 11:51	121,2540G	ROI



Project Name: JMA ADDITIONAL INVESTIGATION**Project Number:** 059294**Lab Number:** L2331318**Report Date:** 07/05/23**SAMPLE RESULTS****Lab ID:** L2331318-11**Client ID:** SOIL-110**Sample Location:** 140 CORTLAND AVE, SYRACUSE, NY**Date Collected:** 06/06/23 14:50**Date Received:** 06/06/23**Field Prep:** Not Specified**Sample Depth:****Matrix:** Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	70.0		%	0.100	NA	1	-	06/07/23 11:51	121,2540G	ROI



Project Name: JMA ADDITIONAL INVESTIGATION
Project Number: 059294

Lab Number: L2331318
Report Date: 07/05/23

SAMPLE RESULTS

Lab ID: L2331318-12
Client ID: SOIL-111
Sample Location: 140 CORTLAND AVE, SYRACUSE, NY

Date Collected: 06/06/23 16:00
Date Received: 06/06/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	73.3		%	0.100	NA	1	-	06/07/23 11:51	121,2540G	ROI



Project Name: JMA ADDITIONAL INVESTIGATION
Project Number: 059294

Lab Number: L2331318
Report Date: 07/05/23

SAMPLE RESULTS

Lab ID: L2331318-13
Client ID: SOIL-112
Sample Location: 140 CORTLAND AVE, SYRACUSE, NY

Date Collected: 06/07/23 08:15
Date Received: 06/07/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	75.2		%	0.100	NA	1	-	06/09/23 12:48	121,2540G	ROI



Project Name: JMA ADDITIONAL INVESTIGATION
Project Number: 059294

Lab Number: L2331318
Report Date: 07/05/23

SAMPLE RESULTS

Lab ID: L2331318-14
Client ID: SOIL-113
Sample Location: 140 CORTLAND AVE, SYRACUSE, NY

Date Collected: 06/07/23 08:55
Date Received: 06/07/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	84.4		%	0.100	NA	1	-	06/09/23 12:48	121,2540G	ROI



Project Name: JMA ADDITIONAL INVESTIGATION
Project Number: 059294

Lab Number: L2331318
Report Date: 07/05/23

SAMPLE RESULTS

Lab ID: L2331318-15
Client ID: SOIL-114
Sample Location: 140 CORTLAND AVE, SYRACUSE, NY

Date Collected: 06/07/23 10:10
Date Received: 06/07/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	60.8		%	0.100	NA	1	-	06/09/23 12:48	121,2540G	ROI



Project Name: JMA ADDITIONAL INVESTIGATION
Project Number: 059294

Lab Number: L2331318
Report Date: 07/05/23

SAMPLE RESULTS

Lab ID: L2331318-16
Client ID: SOIL-115
Sample Location: 140 CORTLAND AVE, SYRACUSE, NY

Date Collected: 06/07/23 13:20
Date Received: 06/07/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	55.8		%	0.100	NA	1	-	06/09/23 12:48	121,2540G	ROI



Project Name: JMA ADDITIONAL INVESTIGATION**Project Number:** 059294**Lab Number:** L2331318**Report Date:** 07/05/23**SAMPLE RESULTS****Lab ID:** L2331318-17**Client ID:** SOIL-116**Sample Location:** 140 CORTLAND AVE, SYRACUSE, NY**Date Collected:** 06/07/23 14:20**Date Received:** 06/07/23**Field Prep:** Not Specified**Sample Depth:****Matrix:** Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	84.2		%	0.100	NA	1	-	06/09/23 12:48	121,2540G	ROI



Project Name: JMA ADDITIONAL INVESTIGATION
Project Number: 059294

Lab Number: L2331318
Report Date: 07/05/23

SAMPLE RESULTS

Lab ID: L2331318-18
Client ID: SOIL-117
Sample Location: 140 CORTLAND AVE, SYRACUSE, NY

Date Collected: 06/07/23 15:15
Date Received: 06/07/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	83.5		%	0.100	NA	1	-	06/09/23 12:48	121,2540G	ROI



Project Name: JMA ADDITIONAL INVESTIGATION
Project Number: 059294

Lab Number: L2331318
Report Date: 07/05/23

SAMPLE RESULTS

Lab ID: L2331318-19
Client ID: SOIL-112-15FTN
Sample Location: 140 CORTLAND AVE, SYRACUSE, NY

Date Collected: 06/07/23 10:50
Date Received: 06/07/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	64.6		%	0.100	NA	1	-	06/09/23 12:48	121,2540G	ROI



Project Name: JMA ADDITIONAL INVESTIGATION
Project Number: 059294

Lab Number: L2331318
Report Date: 07/05/23

SAMPLE RESULTS

Lab ID: L2331318-20
Client ID: SOIL-112-30FTW
Sample Location: 140 CORTLAND AVE, SYRACUSE, NY

Date Collected: 06/07/23 11:25
Date Received: 06/07/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	83.4		%	0.100	NA	1	-	06/09/23 12:48	121,2540G	ROI



Project Name: JMA ADDITIONAL INVESTIGATION**Project Number:** 059294**Lab Number:** L2331318**Report Date:** 07/05/23**SAMPLE RESULTS****Lab ID:** L2331318-21**Client ID:** SURF-01**Sample Location:** 140 CORTLAND AVE, SYRACUSE, NY**Date Collected:** 06/07/23 10:45**Date Received:** 06/07/23**Field Prep:** Not Specified**Sample Depth:****Matrix:** Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	91.3		%	0.100	NA	1	-	06/09/23 12:48	121,2540G	ROI



Project Name: JMA ADDITIONAL INVESTIGATION
Project Number: 059294

Lab Number: L2331318
Report Date: 07/05/23

SAMPLE RESULTS

Lab ID: L2331318-22
Client ID: SURF-02
Sample Location: 140 CORTLAND AVE, SYRACUSE, NY

Date Collected: 06/07/23 11:50
Date Received: 06/07/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	79.0		%	0.100	NA	1	-	06/09/23 12:48	121,2540G	ROI



Project Name: JMA ADDITIONAL INVESTIGATION
Project Number: 059294

Lab Number: L2331318
Report Date: 07/05/23

SAMPLE RESULTS

Lab ID: L2331318-23
Client ID: SURF-03
Sample Location: 140 CORTLAND AVE, SYRACUSE, NY

Date Collected: 06/07/23 12:25
Date Received: 06/07/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	68.5		%	0.100	NA	1	-	06/09/23 12:48	121,2540G	ROI



Project Name: JMA ADDITIONAL INVESTIGATION
Project Number: 059294

Lab Number: L2331318
Report Date: 07/05/23

SAMPLE RESULTS

Lab ID: L2331318-24
Client ID: SURF-04
Sample Location: 140 CORTLAND AVE, SYRACUSE, NY

Date Collected: 06/07/23 13:20
Date Received: 06/07/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	87.1		%	0.100	NA	1	-	06/09/23 12:48	121,2540G	ROI



Project Name: JMA ADDITIONAL INVESTIGATION
Project Number: 059294

Lab Number: L2331318
Report Date: 07/05/23

SAMPLE RESULTS

Lab ID: L2331318-25
Client ID: SURF-05
Sample Location: 140 CORTLAND AVE, SYRACUSE, NY

Date Collected: 06/07/23 14:00
Date Received: 06/07/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	91.4		%	0.100	NA	1	-	06/09/23 12:48	121,2540G	ROI



Project Name: JMA ADDITIONAL INVESTIGATION
Project Number: 059294

Lab Duplicate Analysis

Batch Quality Control

Lab Number: L2331318
Report Date: 07/05/23

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-03 QC Batch ID: WG1787624-1 QC Sample: L2330515-05 Client ID: DUP Sample						
Solids, Total	74.9	75.5	%	1		20
General Chemistry - Westborough Lab Associated sample(s): 04-05 QC Batch ID: WG1787626-1 QC Sample: L2331267-07 Client ID: DUP Sample						
Solids, Total	85.2	84.8	%	0		20
General Chemistry - Westborough Lab Associated sample(s): 06-12 QC Batch ID: WG1788206-1 QC Sample: L2331647-04 Client ID: DUP Sample						
Solids, Total	72.2	73.0	%	1		20
General Chemistry - Westborough Lab Associated sample(s): 13-25 QC Batch ID: WG1789229-1 QC Sample: L2331947-01 Client ID: DUP Sample						
Solids, Total	86.3	85.3	%	1		20

Project Name: JMA ADDITIONAL INVESTIGATION**Lab Number:** L2331318**Project Number:** 059294**Report Date:** 07/05/23**Sample Receipt and Container Information**

Were project specific reporting limits specified?

YES

Cooler Information**Cooler Custody Seal**

A Absent

A1 Absent

A2 Absent

A3 Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2331318-01A	Vial MeOH preserved	A	NA		3.1	Y	Absent		NYTCL-8260HLW-R2(14)
L2331318-01B	Vial water preserved	A	NA		3.1	Y	Absent	06-JUN-23 08:19	NYTCL-8260HLW-R2(14)
L2331318-01C	Vial water preserved	A	NA		3.1	Y	Absent	06-JUN-23 08:19	NYTCL-8260HLW-R2(14)
L2331318-01D	Plastic 2oz unpreserved for TS	A	NA		3.1	Y	Absent		TS(7)
L2331318-01E	Plastic 2oz unpreserved for TS	A	NA		3.1	Y	Absent		TS(7)
L2331318-01F	Glass 120ml/4oz unpreserved	A	NA		3.1	Y	Absent		NYTCL-8270(14)
L2331318-02A	Vial MeOH preserved	A	NA		3.1	Y	Absent		NYTCL-8260HLW-R2(14)
L2331318-02B	Vial water preserved	A	NA		3.1	Y	Absent	06-JUN-23 08:19	NYTCL-8260HLW-R2(14)
L2331318-02C	Vial water preserved	A	NA		3.1	Y	Absent	06-JUN-23 08:19	NYTCL-8260HLW-R2(14)
L2331318-02D	Plastic 2oz unpreserved for TS	A	NA		3.1	Y	Absent		TS(7)
L2331318-02E	Plastic 2oz unpreserved for TS	A	NA		3.1	Y	Absent		TS(7)
L2331318-02F	Glass 120ml/4oz unpreserved	A	NA		3.1	Y	Absent		NYTCL-8270(14)
L2331318-03A	Vial MeOH preserved	A	NA		3.1	Y	Absent		NYTCL-8260HLW-R2(14)
L2331318-03B	Vial water preserved	A	NA		3.1	Y	Absent	06-JUN-23 08:19	NYTCL-8260HLW-R2(14)
L2331318-03C	Vial water preserved	A	NA		3.1	Y	Absent	06-JUN-23 08:19	NYTCL-8260HLW-R2(14)
L2331318-03D	Plastic 2oz unpreserved for TS	A	NA		3.1	Y	Absent		TS(7)
L2331318-03E	Plastic 2oz unpreserved for TS	A	NA		3.1	Y	Absent		TS(7)
L2331318-03F	Glass 120ml/4oz unpreserved	A	NA		3.1	Y	Absent		NYTCL-8270(14)
L2331318-04A	Vial MeOH preserved	A	NA		3.1	Y	Absent		NYTCL-8260HLW-R2(14)
L2331318-04B	Vial water preserved	A	NA		3.1	Y	Absent	06-JUN-23 08:19	NYTCL-8260HLW-R2(14)

Project Name: JMA ADDITIONAL INVESTIGATION**Lab Number:** L2331318**Project Number:** 059294**Report Date:** 07/05/23**Container Information**

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2331318-04C	Vial water preserved	A	NA		3.1	Y	Absent	06-JUN-23 08:19	NYTCL-8260HLW-R2(14)
L2331318-04D	Plastic 2oz unpreserved for TS	A	NA		3.1	Y	Absent		TS(7)
L2331318-04E	Plastic 2oz unpreserved for TS	A	NA		3.1	Y	Absent		TS(7)
L2331318-04F	Metals Only-Glass 60mL/2oz unpreserved	A	NA		3.1	Y	Absent		BA-TI(180),AS-TI(180),AG-TI(180),CR-TI(180),SE-TI(180),PB-TI(180),HG-T(28),CD-TI(180)
L2331318-04G	Glass 60mL/2oz unpreserved	A	NA		3.1	Y	Absent		NYTCL-8270(14),NYTCL-8082(365)
L2331318-04H	Glass 120ml/4oz unpreserved	A	NA		3.1	Y	Absent		NYTCL-8270(14),NYTCL-8082(365)
L2331318-05A	Vial MeOH preserved	A	NA		3.1	Y	Absent		NYTCL-8260HLW-R2(14)
L2331318-05B	Vial water preserved	A	NA		3.1	Y	Absent	06-JUN-23 08:19	NYTCL-8260HLW-R2(14)
L2331318-05C	Vial water preserved	A	NA		3.1	Y	Absent	06-JUN-23 08:19	NYTCL-8260HLW-R2(14)
L2331318-05D	Plastic 2oz unpreserved for TS	A	NA		3.1	Y	Absent		TS(7)
L2331318-05E	Plastic 2oz unpreserved for TS	A	NA		3.1	Y	Absent		TS(7)
L2331318-05F	Glass 120ml/4oz unpreserved	A	NA		3.1	Y	Absent		NYTCL-8270(14)
L2331318-06A	Vial MeOH preserved	A1	NA		4.8	Y	Absent		NYTCL-8260HLW-R2(14)
L2331318-06B	Vial water preserved	A1	NA		4.8	Y	Absent	07-JUN-23 09:36	NYTCL-8260HLW-R2(14)
L2331318-06C	Vial water preserved	A1	NA		4.8	Y	Absent	07-JUN-23 09:36	NYTCL-8260HLW-R2(14)
L2331318-06D	Plastic 120ml unpreserved	A1	NA		4.8	Y	Absent		TS(7)
L2331318-06E	Plastic 2oz unpreserved for TS	A1	NA		4.8	Y	Absent		TS(7)
L2331318-06F	Glass 120ml/4oz unpreserved	A1	NA		4.8	Y	Absent		NYTCL-8270(14)
L2331318-07A	Vial MeOH preserved	A1	NA		4.8	Y	Absent		NYTCL-8260HLW-R2(14)
L2331318-07B	Vial water preserved	A1	NA		4.8	Y	Absent	07-JUN-23 09:36	NYTCL-8260HLW-R2(14)
L2331318-07C	Vial water preserved	A1	NA		4.8	Y	Absent	07-JUN-23 09:36	NYTCL-8260HLW-R2(14)
L2331318-07D	Plastic 120ml unpreserved	A1	NA		4.8	Y	Absent		TS(7)
L2331318-07E	Plastic 2oz unpreserved for TS	A1	NA		4.8	Y	Absent		TS(7)
L2331318-07F	Metals Only-Glass 60mL/2oz unpreserved	A1	NA		4.8	Y	Absent		AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),SE-TI(180),PB-TI(180),HG-T(28),CD-TI(180)
L2331318-07G	Glass 60mL/2oz unpreserved	A1	NA		4.8	Y	Absent		NYTCL-8270(14),NYTCL-8082(365)
L2331318-07H	Glass 120ml/4oz unpreserved	A1	NA		4.8	Y	Absent		NYTCL-8270(14),NYTCL-8082(365)
L2331318-08A	Vial MeOH preserved	A1	NA		4.8	Y	Absent		NYTCL-8260HLW-R2(14)

Project Name: JMA ADDITIONAL INVESTIGATION**Lab Number:** L2331318**Project Number:** 059294**Report Date:** 07/05/23**Container Information**

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2331318-08B	Vial water preserved	A1	NA		4.8	Y	Absent	07-JUN-23 09:36	NYTCL-8260HLW-R2(14)
L2331318-08C	Vial water preserved	A1	NA		4.8	Y	Absent	07-JUN-23 09:36	NYTCL-8260HLW-R2(14)
L2331318-08D	Plastic 120ml unpreserved	A1	NA		4.8	Y	Absent		TS(7)
L2331318-08E	Plastic 2oz unpreserved for TS	A1	NA		4.8	Y	Absent		TS(7)
L2331318-08F	Glass 60mL/2oz unpreserved	A1	NA		4.8	Y	Absent		NYTCL-8270(14)
L2331318-08G	Glass 120ml/4oz unpreserved	A1	NA		4.8	Y	Absent		NYTCL-8270(14)
L2331318-09A	Vial MeOH preserved	A1	NA		4.8	Y	Absent		NYTCL-8260HLW-R2(14)
L2331318-09B	Vial water preserved	A1	NA		4.8	Y	Absent	07-JUN-23 09:36	NYTCL-8260HLW-R2(14)
L2331318-09C	Vial water preserved	A1	NA		4.8	Y	Absent	07-JUN-23 09:36	NYTCL-8260HLW-R2(14)
L2331318-09D	Plastic 2oz unpreserved for TS	A1	NA		4.8	Y	Absent		TS(7)
L2331318-09D1	Plastic 2oz unpreserved for TS	A1	NA		4.8	Y	Absent		TS(7)
L2331318-09E	Glass 120ml/4oz unpreserved	A1	NA		4.8	Y	Absent		NYTCL-8270(14)
L2331318-10A	Vial MeOH preserved	A1	NA		4.8	Y	Absent		NYTCL-8260HLW-R2(14)
L2331318-10B	Vial water preserved	A1	NA		4.8	Y	Absent	07-JUN-23 09:36	NYTCL-8260HLW-R2(14)
L2331318-10C	Vial water preserved	A1	NA		4.8	Y	Absent	07-JUN-23 09:36	NYTCL-8260HLW-R2(14)
L2331318-10D	Plastic 120ml unpreserved	A1	NA		4.8	Y	Absent		TS(7)
L2331318-10E	Plastic 2oz unpreserved for TS	A1	NA		4.8	Y	Absent		TS(7)
L2331318-10F	Metals Only-Glass 60mL/2oz unpreserved	A1	NA		4.8	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)
L2331318-10G	Glass 120ml/4oz unpreserved	A1	NA		4.8	Y	Absent		NYTCL-8270(14)
L2331318-11A	Vial MeOH preserved	A1	NA		4.8	Y	Absent		NYTCL-8260HLW-R2(14),NYTCL-8260H-R2(14)
L2331318-11B	Vial water preserved	A1	NA		4.8	Y	Absent	07-JUN-23 09:36	NYTCL-8260HLW-R2(14),NYTCL-8260H-R2(14)
L2331318-11C	Vial water preserved	A1	NA		4.8	Y	Absent	07-JUN-23 09:36	NYTCL-8260HLW-R2(14),NYTCL-8260H-R2(14)
L2331318-11D	Plastic 120ml unpreserved	A1	NA		4.8	Y	Absent		TS(7)
L2331318-11E	Plastic 2oz unpreserved for TS	A1	NA		4.8	Y	Absent		TS(7)
L2331318-11F	Metals Only-Glass 60mL/2oz unpreserved	A1	NA		4.8	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)
L2331318-11G	Glass 60mL/2oz unpreserved	A1	NA		4.8	Y	Absent		NYTCL-8270(14),NYTCL-8082(365)

Project Name: JMA ADDITIONAL INVESTIGATION**Lab Number:** L2331318**Project Number:** 059294**Report Date:** 07/05/23**Container Information**

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2331318-11H	Glass 120ml/4oz unpreserved	A1	NA		4.8	Y	Absent		NYTCL-8270(14),NYTCL-8082(365)
L2331318-12A	Vial MeOH preserved	A1	NA		4.8	Y	Absent		NYTCL-8260HLW-R2(14)
L2331318-12B	Vial water preserved	A1	NA		4.8	Y	Absent	07-JUN-23 09:36	NYTCL-8260HLW-R2(14)
L2331318-12C	Vial water preserved	A1	NA		4.8	Y	Absent	07-JUN-23 09:36	NYTCL-8260HLW-R2(14)
L2331318-12D	Plastic 2oz unpreserved for TS	A1	NA		4.8	Y	Absent		TS(7)
L2331318-12E	Plastic 2oz unpreserved for TS	A1	NA		4.8	Y	Absent		TS(7)
L2331318-12F	Glass 120ml/4oz unpreserved	A1	NA		4.8	Y	Absent		NYTCL-8270(14)
L2331318-13A	Vial MeOH preserved	A2	NA		5.3	Y	Absent		NYTCL-8260HLW-R2(14)
L2331318-13B	Vial water preserved	A2	NA		5.3	Y	Absent	08-JUN-23 12:21	NYTCL-8260HLW-R2(14)
L2331318-13C	Vial water preserved	A2	NA		5.3	Y	Absent	08-JUN-23 12:21	NYTCL-8260HLW-R2(14)
L2331318-13D	Plastic 2oz unpreserved for TS	A2	NA		5.3	Y	Absent		TS(7)
L2331318-13E	Plastic 120ml unpreserved	A2	NA		5.3	Y	Absent		TS(7)
L2331318-13F	Glass 60mL/2oz unpreserved	A2	NA		5.3	Y	Absent		BA-TI(180),AS-TI(180),AG-TI(180),CR-TI(180),SE-TI(180),PB-TI(180),HG-T(28),CD-TI(180)
L2331318-13G	Glass 120ml/4oz unpreserved	A2	NA		5.3	Y	Absent		NYTCL-8270(14)
L2331318-14A	Vial MeOH preserved	A2	NA		5.3	Y	Absent		NYTCL-8260HLW-R2(14)
L2331318-14B	Vial water preserved	A2	NA		5.3	Y	Absent	08-JUN-23 12:21	NYTCL-8260HLW-R2(14)
L2331318-14C	Vial water preserved	A2	NA		5.3	Y	Absent	08-JUN-23 12:21	NYTCL-8260HLW-R2(14)
L2331318-14D	Plastic 2oz unpreserved for TS	A2	NA		5.3	Y	Absent		TS(7)
L2331318-14E	Plastic 120ml unpreserved	A2	NA		5.3	Y	Absent		TS(7)
L2331318-14F	Glass 60mL/2oz unpreserved	A2	NA		5.3	Y	Absent		AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),SE-TI(180),PB-TI(180),HG-T(28),CD-TI(180)
L2331318-14G	Glass 60mL/2oz unpreserved	A2	NA		5.3	Y	Absent		NYTCL-8270(14),NYTCL-8082(365)
L2331318-14H	Glass 120ml/4oz unpreserved	A2	NA		5.3	Y	Absent		NYTCL-8270(14),NYTCL-8082(365)
L2331318-15A	Vial MeOH preserved	A2	NA		5.3	Y	Absent		NYTCL-8260HLW-R2(14)
L2331318-15B	Vial water preserved	A2	NA		5.3	Y	Absent	08-JUN-23 12:21	NYTCL-8260HLW-R2(14)
L2331318-15C	Vial water preserved	A2	NA		5.3	Y	Absent	08-JUN-23 12:21	NYTCL-8260HLW-R2(14)
L2331318-15D	Plastic 120ml unpreserved	A2	NA		5.3	Y	Absent		TS(7)

Project Name: JMA ADDITIONAL INVESTIGATION**Lab Number:** L2331318**Project Number:** 059294**Report Date:** 07/05/23**Container Information**

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2331318-15E	Glass 60mL/2oz unpreserved	A2	NA		5.3	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)
L2331318-15F	Glass 120ml/4oz unpreserved	A2	NA		5.3	Y	Absent		NYTCL-8270(14)
L2331318-16A	Vial MeOH preserved	A2	NA		5.3	Y	Absent		NYTCL-8260HLW-R2(14)
L2331318-16B	Vial water preserved	A2	NA		5.3	Y	Absent	08-JUN-23 12:21	NYTCL-8260HLW-R2(14)
L2331318-16C	Vial water preserved	A2	NA		5.3	Y	Absent	08-JUN-23 12:21	NYTCL-8260HLW-R2(14)
L2331318-16D	Plastic 120ml unpreserved	A2	NA		5.3	Y	Absent		TS(7)
L2331318-16E	Glass 120ml/4oz unpreserved	A2	NA		5.3	Y	Absent		NYTCL-8270(14)
L2331318-17A	Vial MeOH preserved	A2	NA		5.3	Y	Absent		NYTCL-8260HLW-R2(14),NYTCL-8260H-R2(14)
L2331318-17B	Vial water preserved	A2	NA		5.3	Y	Absent	08-JUN-23 12:21	NYTCL-8260HLW-R2(14),NYTCL-8260H-R2(14)
L2331318-17C	Vial water preserved	A2	NA		5.3	Y	Absent	08-JUN-23 12:21	NYTCL-8260HLW-R2(14),NYTCL-8260H-R2(14)
L2331318-17D	Plastic 120ml unpreserved	A2	NA		5.3	Y	Absent		TS(7)
L2331318-17E	Glass 120ml/4oz unpreserved	A2	NA		5.3	Y	Absent		NYTCL-8270(14)
L2331318-18A	Vial MeOH preserved	A2	NA		5.3	Y	Absent		NYTCL-8260HLW-R2(14)
L2331318-18B	Vial water preserved	A2	NA		5.3	Y	Absent	08-JUN-23 12:21	NYTCL-8260HLW-R2(14)
L2331318-18C	Vial water preserved	A2	NA		5.3	Y	Absent	08-JUN-23 12:21	NYTCL-8260HLW-R2(14)
L2331318-18D	Plastic 120ml unpreserved	A2	NA		5.3	Y	Absent		TS(7)
L2331318-18E	Glass 60mL/2oz unpreserved	A2	NA		5.3	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)
L2331318-18F	Glass 60mL/2oz unpreserved	A2	NA		5.3	Y	Absent		NYTCL-8270(14),NYTCL-8082(365)
L2331318-18G	Glass 120ml/4oz unpreserved	A2	NA		5.3	Y	Absent		NYTCL-8270(14),NYTCL-8082(365)
L2331318-19A	Vial MeOH preserved	A2	NA		5.3	Y	Absent		NYTCL-8260HLW-R2(14)
L2331318-19B	Vial water preserved	A2	NA		5.3	Y	Absent	08-JUN-23 12:21	NYTCL-8260HLW-R2(14)
L2331318-19C	Vial water preserved	A2	NA		5.3	Y	Absent	08-JUN-23 12:21	NYTCL-8260HLW-R2(14)
L2331318-19D	Plastic 120ml unpreserved	A2	NA		5.3	Y	Absent		TS(7)
L2331318-19E	Glass 120ml/4oz unpreserved	A2	NA		5.3	Y	Absent		NYTCL-8270(14)
L2331318-20A	Vial MeOH preserved	A2	NA		5.3	Y	Absent		NYTCL-8260HLW-R2(14)
L2331318-20B	Vial water preserved	A2	NA		5.3	Y	Absent	08-JUN-23 12:21	NYTCL-8260HLW-R2(14)

Project Name: JMA ADDITIONAL INVESTIGATION
Project Number: 059294

Serial_No: 07052318:58
Lab Number: L2331318
Report Date: 07/05/23

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2331318-20C	Vial water preserved	A2	NA		5.3	Y	Absent	08-JUN-23 12:21	NYTCL-8260HLW-R2(14)
L2331318-20D	Plastic 120ml unpreserved	A2	NA		5.3	Y	Absent		TS(7)
L2331318-20E	Glass 120ml/4oz unpreserved	A2	NA		5.3	Y	Absent		NYTCL-8270(14)
L2331318-21A	Plastic 2oz unpreserved for TS	A2	NA		5.3	Y	Absent		TS(7)
L2331318-21B	Glass 60mL/2oz unpreserved	A2	NA		5.3	Y	Absent		AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),SE-TI(180),PB-TI(180),HG-T(28),CD-TI(180)
L2331318-21C	Glass 120ml/4oz unpreserved	A2	NA		5.3	Y	Absent		NYTCL-8270(14)
L2331318-22A	Plastic 2oz unpreserved for TS	A2	NA		5.3	Y	Absent		TS(7)
L2331318-22B	Glass 60mL/2oz unpreserved	A2	NA		5.3	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)
L2331318-22C	Glass 120ml/4oz unpreserved	A2	NA		5.3	Y	Absent		NYTCL-8270(14)
L2331318-23A	Plastic 2oz unpreserved for TS	A2	NA		5.3	Y	Absent		TS(7)
L2331318-23B	Glass 60mL/2oz unpreserved	A2	NA		5.3	Y	Absent		AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),SE-TI(180),PB-TI(180),HG-T(28),CD-TI(180)
L2331318-23C	Glass 120ml/4oz unpreserved	A2	NA		5.3	Y	Absent		NYTCL-8270(14)
L2331318-24A	Plastic 2oz unpreserved for TS	A2	NA		5.3	Y	Absent		TS(7)
L2331318-24B	Glass 60mL/2oz unpreserved	A2	NA		5.3	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)
L2331318-24C	Glass 120ml/4oz unpreserved	A2	NA		5.3	Y	Absent		NYTCL-8270(14)
L2331318-25A	Plastic 2oz unpreserved for TS	A2	NA		5.3	Y	Absent		TS(7)
L2331318-25B	Glass 60mL/2oz unpreserved	A2	NA		5.3	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)
L2331318-25C	Glass 120ml/4oz unpreserved	A2	NA		5.3	Y	Absent		NYTCL-8270(14)
L2331318-26A	Vial HCl preserved	A3	NA		2.4	Y	Absent		NYTCL-8260-R2(14)
L2331318-26B	Vial HCl preserved	A3	NA		2.4	Y	Absent		NYTCL-8260-R2(14)
L2331318-26C	Vial HCl preserved	A3	NA		2.4	Y	Absent		NYTCL-8260-R2(14)
L2331318-26D	Plastic 250ml HNO3 preserved	A3	6	<2	2.4	N	Absent		BA-6020T(180),SE-6020T(180),CR-6020T(180),PB-6020T(180),AS-6020T(180),HG-T(28),AG-6020T(180),CD-6020T(180)
L2331318-26E	Amber 120ml unpreserved	A3	7	7	2.4	Y	Absent		NYTCL-8082-LVI(365)

Project Name: JMA ADDITIONAL INVESTIGATION
Project Number: 059294

Serial_No:07052318:58
Lab Number: L2331318
Report Date: 07/05/23

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2331318-26F	Amber 120ml unpreserved	A3	7	7	2.4	Y	Absent		NYTCL-8082-LVI(365)
L2331318-26G	Amber 250ml unpreserved	A3	7	7	2.4	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L2331318-26H	Amber 250ml unpreserved	A3	7	7	2.4	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L2331318-27A	Vial HCl preserved	A3	NA		2.4	Y	Absent		NYTCL-8260-R2(14)
L2331318-27B	Vial HCl preserved	A3	NA		2.4	Y	Absent		NYTCL-8260-R2(14)
L2331318-27C	Vial HCl preserved	A3	NA		2.4	Y	Absent		NYTCL-8260-R2(14)
L2331318-27D	Plastic 250ml HNO3 preserved	A3	<2	<2	2.4	Y	Absent		BA-6020T(180),SE-6020T(180),CR-6020T(180),PB-6020T(180),AS-6020T(180),AG-6020T(180),CD-6020T(180),HG-T(28)
L2331318-27E	Amber 120ml unpreserved	A3	7	7	2.4	Y	Absent		NYTCL-8082-LVI(365)
L2331318-27F	Amber 120ml unpreserved	A3	7	7	2.4	Y	Absent		NYTCL-8082-LVI(365)
L2331318-27G	Amber 250ml unpreserved	A3	7	7	2.4	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L2331318-27H	Amber 250ml unpreserved	A3	7	7	2.4	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L2331318-28A	Vial HCl preserved	A3	NA		2.4	Y	Absent		NYTCL-8260-R2(14)
L2331318-28B	Vial HCl preserved	A3	NA		2.4	Y	Absent		NYTCL-8260-R2(14)
L2331318-28C	Vial HCl preserved	A3	NA		2.4	Y	Absent		NYTCL-8260-R2(14)
L2331318-28D	Plastic 250ml HNO3 preserved	A3	<2	<2	2.4	Y	Absent		SE-6020T(180),BA-6020T(180),CR-6020T(180),PB-6020T(180),AS-6020T(180),AG-6020T(180),CD-6020T(180),HG-T(28)
L2331318-28E	Amber 120ml unpreserved	A3	7	7	2.4	Y	Absent		NYTCL-8082-LVI(365)
L2331318-28F	Amber 120ml unpreserved	A3	7	7	2.4	Y	Absent		NYTCL-8082-LVI(365)
L2331318-28G	Amber 250ml unpreserved	A3	7	7	2.4	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L2331318-28H	Amber 250ml unpreserved	A3	7	7	2.4	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L2331318-29A	Vial HCl preserved	A3	NA		2.4	Y	Absent		NYTCL-8260-R2(14)
L2331318-29B	Vial HCl preserved	A3	NA		2.4	Y	Absent		NYTCL-8260-R2(14)
L2331318-29C	Vial HCl preserved	A3	NA		2.4	Y	Absent		NYTCL-8260-R2(14)
L2331318-29D	Plastic 250ml HNO3 preserved	A3	<2	<2	2.4	Y	Absent		BA-6020T(180),SE-6020T(180),CR-6020T(180),PB-6020T(180),AS-6020T(180),CD-6020T(180),AG-6020T(180),HG-T(28)
L2331318-29E	Amber 120ml unpreserved	A3	7	7	2.4	Y	Absent		NYTCL-8082-LVI(365)
L2331318-29F	Amber 120ml unpreserved	A3	7	7	2.4	Y	Absent		NYTCL-8082-LVI(365)
L2331318-29G	Amber 250ml unpreserved	A3	7	7	2.4	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)

Project Name: JMA ADDITIONAL INVESTIGATION
Project Number: 059294

Serial_No:07052318:58
Lab Number: L2331318
Report Date: 07/05/23

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2331318-29H	Amber 250ml unpreserved	A3	7	7	2.4	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L2331318-30A	Vial HCl preserved	A3	NA		2.4	Y	Absent		NYTCL-8260-R2(14)
L2331318-30B	Vial HCl preserved	A3	NA		2.4	Y	Absent		NYTCL-8260-R2(14)
L2331318-30C	Vial HCl preserved	A3	NA		2.4	Y	Absent		NYTCL-8260-R2(14)
L2331318-30D	Plastic 250ml HNO3 preserved	A3	3	<2	2.4	N	Absent		BA-6020T(180),SE-6020T(180),CR-6020T(180),PB-6020T(180),AS-6020T(180),AG-6020T(180),CD-6020T(180),HG-T(28)
L2331318-30E	Amber 120ml unpreserved	A3	7	7	2.4	Y	Absent		NYTCL-8082-LVI(365)
L2331318-30F	Amber 120ml unpreserved	A3	7	7	2.4	Y	Absent		NYTCL-8082-LVI(365)
L2331318-30G	Amber 250ml unpreserved	A3	7	7	2.4	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L2331318-30H	Amber 250ml unpreserved	A3	7	7	2.4	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L2331318-31A	Vial HCl preserved	A3	NA		2.4	Y	Absent		NYTCL-8260-R2(14)
L2331318-31B	Vial HCl preserved	A3	NA		2.4	Y	Absent		NYTCL-8260-R2(14)
L2331318-31C	Vial HCl preserved	A3	NA		2.4	Y	Absent		NYTCL-8260-R2(14)
L2331318-31D	Plastic 250ml HNO3 preserved	A3	7	<2	2.4	N	Absent		SE-6020T(180),BA-6020T(180),CR-6020T(180),PB-6020T(180),AS-6020T(180),HG-T(28),CD-6020T(180),AG-6020T(180)
L2331318-31E	Amber 120ml unpreserved	A3	7	7	2.4	Y	Absent		NYTCL-8082-LVI(365)
L2331318-31F	Amber 120ml unpreserved	A3	7	7	2.4	Y	Absent		NYTCL-8082-LVI(365)
L2331318-31G	Amber 250ml unpreserved	A3	7	7	2.4	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L2331318-31H	Amber 250ml unpreserved	A3	7	7	2.4	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L2331318-32A	Vial HCl preserved	A3	NA		2.4	Y	Absent		NYTCL-8260-R2(14)
L2331318-32B	Vial HCl preserved	A3	NA		2.4	Y	Absent		NYTCL-8260-R2(14)
L2331318-32C	Vial HCl preserved	A3	NA		2.4	Y	Absent		NYTCL-8260-R2(14)
L2331318-32D	Plastic 250ml HNO3 preserved	A3	3	<2	2.4	N	Absent		SE-6020T(180),BA-6020T(180),CR-6020T(180),PB-6020T(180),AS-6020T(180),CD-6020T(180),AG-6020T(180),HG-T(28)
L2331318-32E	Amber 120ml unpreserved	A3	7	7	2.4	Y	Absent		NYTCL-8082-LVI(365)
L2331318-32F	Amber 120ml unpreserved	A3	7	7	2.4	Y	Absent		NYTCL-8082-LVI(365)
L2331318-32G	Amber 250ml unpreserved	A3	7	7	2.4	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L2331318-32H	Amber 250ml unpreserved	A3	7	7	2.4	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)

Project Name: JMA ADDITIONAL INVESTIGATION
Project Number: 059294

Serial_No:07052318:58
Lab Number: L2331318
Report Date: 07/05/23

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)

Project Name: JMA ADDITIONAL INVESTIGATION
Project Number: 059294

Lab Number: L2331318
Report Date: 07/05/23

GLOSSARY

Acronyms

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

Report Format: DU Report with 'J' Qualifiers



Project Name: JMA ADDITIONAL INVESTIGATION
Project Number: 059294

Lab Number: L2331318
Report Date: 07/05/23

Footnotes

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

Terms

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

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

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

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

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

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

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

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

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

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

Data Qualifiers

- A** - Spectra identified as "Aldol Condensates" are byproducts of the extraction/concentration procedures when acetone is introduced in the process.
- B** - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).
- C** - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.
- D** - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.
- E** - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.
- F** - The ratio of quantifier ion response to qualifier ion response falls outside of the laboratory criteria. Results are considered to be an estimated maximum concentration.
- G** - The concentration may be biased high due to matrix interferences (i.e. co-elution) with non-target compound(s). The result should be considered estimated.
- H** - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.
- I** - The lower value for the two columns has been reported due to obvious interference.
- J** - Estimated value. 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: JMA ADDITIONAL INVESTIGATION
Project Number: 059294

Lab Number: L2331318
Report Date: 07/05/23

Data Qualifiers

Identified Compounds (TICs).

- M** - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.
- ND** - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.
- NJ** - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.
- P** - The RPD between the results for the two columns exceeds the method-specified criteria.
- Q** - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)
- R** - Analytical results are from sample re-analysis.
- RE** - Analytical results are from sample re-extraction.
- S** - Analytical results are from modified screening analysis.
- V** - The surrogate associated with this target analyte has a recovery outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)
- Z** - The batch matrix spike and/or duplicate associated with this target analyte has a recovery/RPD outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Report Format: DU Report with 'J' Qualifiers



Project Name: JMA ADDITIONAL INVESTIGATION
Project Number: 059294

Lab Number: L2331318
Report Date: 07/05/23

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.



Alpha Analytical, Inc.Facility: **Company-wide**Department: **Quality Assurance**Title: **Certificate/Approval Program Summary**ID No.: **17873**

Revision 20

Published Date: 6/16/2023 4:52:28 PM

Page 1 of 1

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, Azobenzene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.**EPA 8270E:** NPW: Dimethylnaphthalene, 1,4-Diphenylhydrazine, alpha-Terpineol; SCM: Dimethylnaphthalene, 1,4-Diphenylhydrazine.**SM4500:** NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO₂, NO₃.**Mansfield Facility****SM 2540D:** TSS.**EPA TO-15:** Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene,

3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.

Biological Tissue Matrix: EPA 3050B

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

Westborough Facility:**Drinking Water****EPA 300.0:** Chloride, Nitrate-N, Fluoride, Sulfate; **EPA 353.2:** Nitrate-N, Nitrite-N; **SM4500NO3-F:** Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE,****EPA 180.1, SM2130B, SM4500CI-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, SM9221E, EPA 1600, EPA 1603, SM9222D.****Mansfield Facility:****Drinking Water****EPA 200.7:** Al, Ba, Cd, Cr, Cu, Fe, Mn, Ni, Na, Ag, Ca, Zn. **EPA 200.8:** Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn. **EPA 245.1 Hg.****EPA 522, EPA 537.1.****Non-Potable Water****EPA 200.7:** Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.**EPA 200.8:** Al, Sb, As, Be, Cd, Cr, Cu, Fe, Pb, Mn, Ni, K, Se, Ag, Na, TL, Zn.**EPA 245.1 Hg.****SM2340B**

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

12331318

Page 338 of 347

 NEW YORK CHAIN OF CUSTODY 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 _____ of _____		Date Rec'd in Lab 6/7/23		ALPHA Job # 12331318																																																																																																																																																																																																																																																																																																																			
		Project Information Project Name: JMA Additional Investigation Project Location: Syracuse NY Project # 059244 (Use Project name as Project #) ☐		Deliverables ☐ ASP-A ☒ ASP-B ☐ EQUIS (1 File) ☒ EQUIS (4 File) ☐ Other		Billing Information ☒ Same as Client Info PO #																																																																																																																																																																																																																																																																																																																					
Client Information Client: CHA Consulting Address: 300 S. State St. Suite 600 Syracuse NY 13202 Phone: 315-257-7250 Fax: _____ Email: Lehmann@chacompanies.com		Project Manager: Samantha Miller ALPHAQuote #: _____ Turn-Around Time Standard ☒ Due Date: _____ Rush (only if pre approved) ☐ # of Days: _____		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:		ANALYSIS VDL 8260 SVOL 8270 Total Solids RCRA 7 Metals 747 PCBs 8082		Sample Filtration ☐ Done ☐ Lab to do Preservation ☐ Lab to do (Please Specify below)		Total Bottles																																																																																																																																																																																																																																																																																																																					
Please specify Metals or TAL. RCRA 8 metals																																																																																																																																																																																																																																																																																																																											
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th rowspan="2">ALPHA Lab ID (Lab Use Only)</th> <th rowspan="2">Sample ID</th> <th colspan="2">Collection</th> <th rowspan="2">Sample Matrix</th> <th rowspan="2">Sampler's Initials</th> <th rowspan="2">VDL</th> <th rowspan="2">SVOL</th> <th rowspan="2">Total Solids</th> <th rowspan="2">RCRA 7 Metals 747</th> <th rowspan="2">PCBs</th> <th rowspan="2"></th> <th rowspan="2"></th> <th rowspan="2"></th> <th rowspan="2"></th> <th rowspan="2"></th> <th rowspan="2"></th> <th rowspan="2"></th> </tr> <tr> <th>Date</th> <th>Time</th> </tr> </thead> <tbody> <tr> <td>313 18-06</td> <td>SOIL-105</td> <td>6-6-23</td> <td>835</td> <td>S</td> <td>Alt</td> <td>X</td> <td>X</td> <td>X</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>07</td> <td>SOIL-106</td> <td></td> <td>1015</td> <td></td> <td></td> <td>X</td> <td>X</td> <td>X</td> <td>X</td> <td>X</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>08</td> <td>SOIL-107</td> <td></td> <td>1120</td> <td></td> <td></td> <td>X</td> <td>X</td> <td>X</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>09</td> <td>SOIL-108</td> <td></td> <td>1200</td> <td></td> <td></td> <td>X</td> <td>X</td> <td>X</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>10</td> <td>SOIL-109</td> <td></td> <td>1410</td> <td></td> <td></td> <td>X</td> <td>X</td> <td>X</td> <td>X</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>11</td> <td>SOIL-110</td> <td></td> <td>1450</td> <td></td> <td></td> <td>X</td> <td>X</td> <td>X</td> <td>X</td> <td>X</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>12</td> <td>SOIL-111</td> <td></td> <td>1600</td> <td></td> <td></td> <td>X</td> <td>X</td> <td>X</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr><td> </td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td> </td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td> </td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td> </td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td> </td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td> </td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td> </td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td> </td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td> </td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> </tbody> </table>		ALPHA Lab ID (Lab Use Only)	Sample ID	Collection		Sample Matrix	Sampler's Initials	VDL	SVOL	Total Solids	RCRA 7 Metals 747	PCBs								Date	Time	313 18-06	SOIL-105	6-6-23	835	S	Alt	X	X	X										07	SOIL-106		1015			X	X	X	X	X								08	SOIL-107		1120			X	X	X										09	SOIL-108		1200			X	X	X										10	SOIL-109		1410			X	X	X	X									11	SOIL-110		1450			X	X	X	X	X								12	SOIL-111		1600			X	X	X																																																																																																																																																																																	
ALPHA Lab ID (Lab Use Only)	Sample ID			Collection																Sample Matrix	Sampler's Initials	VDL	SVOL	Total Solids	RCRA 7 Metals 747	PCBs																																																																																																																																																																																																																																																																																																	
		Date	Time																																																																																																																																																																																																																																																																																																																								
313 18-06	SOIL-105	6-6-23	835	S	Alt	X	X	X																																																																																																																																																																																																																																																																																																																			
07	SOIL-106		1015			X	X	X	X	X																																																																																																																																																																																																																																																																																																																	
08	SOIL-107		1120			X	X	X																																																																																																																																																																																																																																																																																																																			
09	SOIL-108		1200			X	X	X																																																																																																																																																																																																																																																																																																																			
10	SOIL-109		1410			X	X	X	X																																																																																																																																																																																																																																																																																																																		
11	SOIL-110		1450			X	X	X	X	X																																																																																																																																																																																																																																																																																																																	
12	SOIL-111		1600			X	X	X																																																																																																																																																																																																																																																																																																																			
Preservative Code: A = None B = HCl C = HNO ₃ D = H ₂ SO ₄ E = NaOH F = MeOH G = NaHSO ₄ H = Na ₂ S ₂ O ₃ K/E = Zn Ac/NaOH O = Other		Container Code P = Plastic A = Amber Glass V = Vial G = Glass B = Bacteria Cup C = Cube O = Other E = Encore D = BOD Bottle		Westboro: Certification No: MA935 Mansfield: Certification No: MA015		Container Type V A P A A Preservative F A A A A		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.)																																																																																																																																																																																																																																																																																																																			
Relinquished By: JBell		Date/Time: 6/6/23 1729		Received By: JBell		Date/Time: 6/6/23 1729		Date/Time: 6/7/23 0130																																																																																																																																																																																																																																																																																																																			

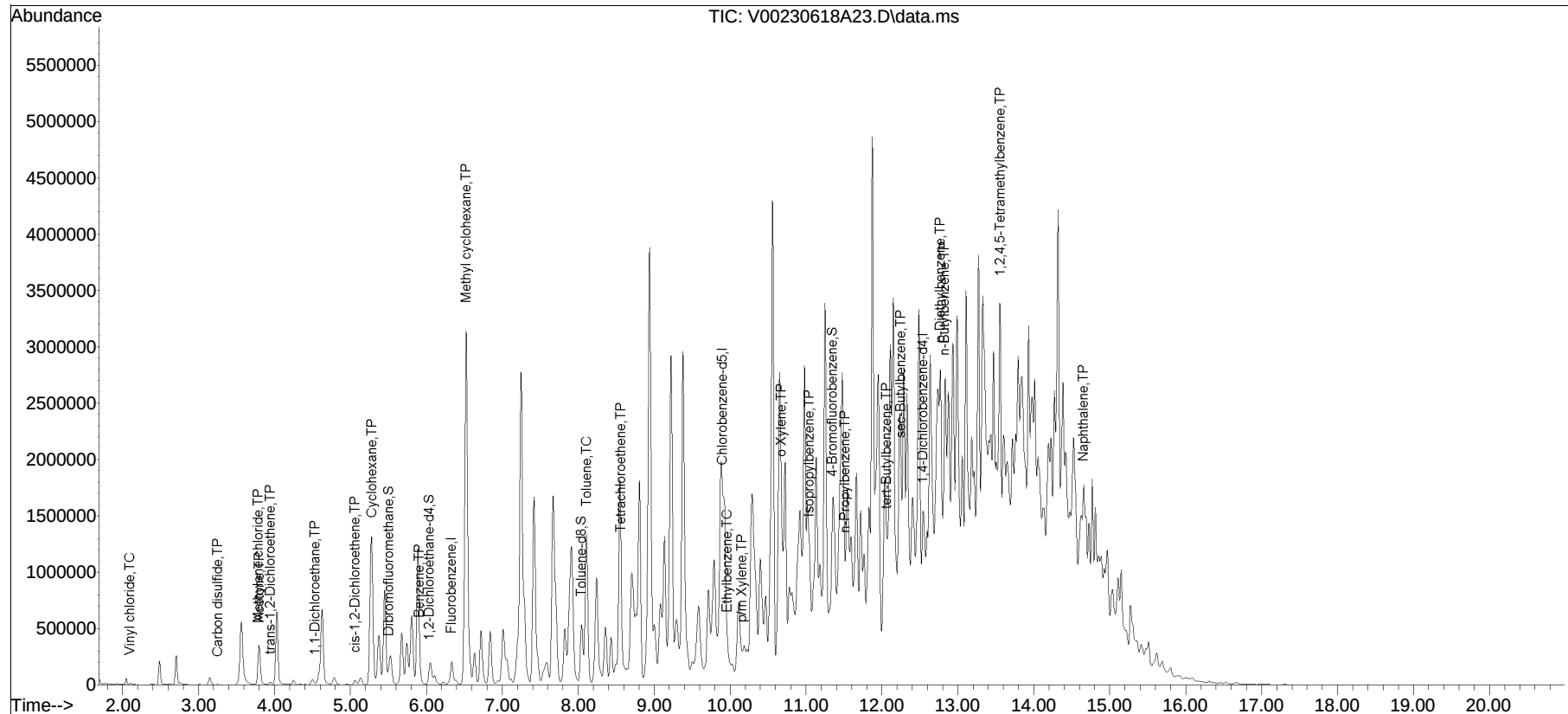
 NEW YORK CHAIN OF CUSTODY		Service Centers Mahwah, NJ 07430: 35 Whitney Rd, Suite 5 Albany, NY 12205: 14 Walker Way Tonawanda, NY 14150: 275 Cooper Ave, Suite 105		Page 1 of 2		Date Rec'd in Lab 6/18/23		ALPHA Job # 22331318												
Westborough, MA 01581 8 Walkup Dr. TEL: 508-898-9220 FAX: 508-898-9193		Mansfield, MA 02048 320 Forbes Blvd TEL: 508-822-9300 FAX: 508-822-3288		Project Information Project Name: JMA Additional Investigation Project Location: Syracuse NY Project # 059294 (Use Project name as Project #) ☐				Deliverables ☐ ASP-A ☒ ASP-B ☐ EQuIS (1 File) ☒ EQuIS (4 File) ☐ Other		Billing Information ☒ Same as Client Info PO #										
Client Information Client: CHA Consulting Address: 300 S. State St. Syracuse NY 13202 Phone: 315-257-7250 Fax: Email: kehman@cha.companies		Project Manager: Sam Miller ALPHAQuote #: Turn-Around Time Rush (only if pre approved) ☐ Standard ☒ Due Date: # of Days:		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 ☐				ANALYSIS				Sample Filtration ☐ Done ☐ Lab to do Preservation ☐ Lab to do (Please Specify below)		Total Bottles										
Other project specific requirements/comments:																				
Please specify Metals or TAL. RCRA 8 Metals																				
ALPHA Lab ID (Lab Use Only)		Sample ID		Collection		Sample Matrix	Sampler's Initials	VOL	SVDL		Total Solids	RCRA 8 Metals	POL							
				Date	Time															
31318-13		SOIL-112		6.7.23	0815	S	AA	X	X		X	X						7		
14		SOIL-113			0855			X	X		X	X	X					8		
15		SOIL-114			1010			X	X			X						6		
16		SOIL-115			1320			X	X									5		
17		SOIL-116			1420			X	X									5		
18		SOIL-117			1515			X	X		X	X					7			
19		SOIL-112-15ft+N			1050			X	X								5			
20		SOIL-112-30ft+W			1125			X	X								5			
Preservative Code: A = None B = HCl C = HNO ₃ D = H ₂ SO ₄ E = NaOH F = MeOH G = NaHSO ₄ H = Na ₂ S ₂ O ₃ K/E = Zn Ac/NaOH O = Other		Container Code P = Plastic A = Amber Glass V = Vial G = Glass B = Bacteria Cup C = Cube O = Other E = Encore D = BOD Bottle		Westboro: Certification No: MA935 Mansfield: Certification No: MA015		Container Type V A P A A		Preservative F A A A A		Relinquished By: PRB Sy East 6/7/23 1800		Received By: PRB Sy East 6/7/23 1800		Date/Time 6/7/23 1800		Date/Time 6/7/23 1800		Date/Time 6/8/23 0100		Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS. (See reverse side.)

Quantitation Report (QT Reviewed)

Data Path : K:\VOA100\2023\230618A\
 Data File : V00230618A23.D
 Acq On : 19 Jun 2023 1:52 am
 Operator : VOA100:AJK
 Sample : L2331318-11,31,5.52,5,,B
 Misc : WG1793112,ICAL19924
 ALS Vial : 23 Sample Multiplier: 1

Quant Time: Jun 19 08:22:31 2023
 Quant Method : K:\VOA100\2023\230618A\V100_230413N_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Fri Apr 14 10:30:46 2023
 Response via : Initial Calibration

Sub List : 8260-CurveSoil - Megamix plus Diox18A03.D•

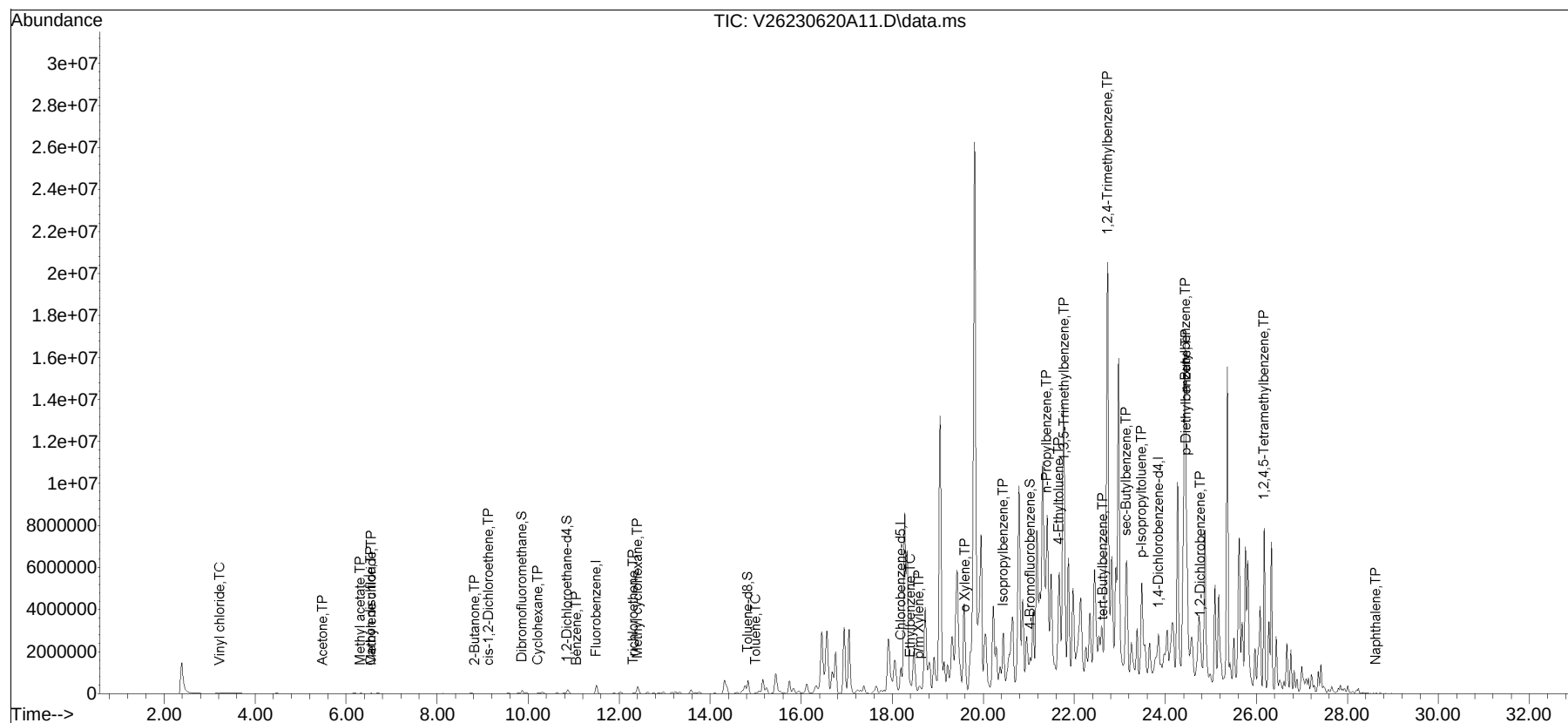


Quantitation Report (QT Reviewed)

Data Path : K:\VOA126\2023\230620A\
 Data File : V26230620A11.D
 Acq On : 20 Jun 2023 01:32 pm
 Operator : VOA126:LAC
 Sample : 12331318-13, 31h, 5.69, 5, 0.100, , a
 Misc : WG1794193, ICAL20045
 ALS Vial : 11 Sample Multiplier: 1

Quant Time: Jun 21 12:08:15 2023
 Quant Method : K:\VOA126\2023\230620A\V126_230526N_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Sat May 27 09:44:00 2023
 Response via : Initial Calibration

Sub List : 8260-CurveSoil - Megamix plus Diox20A01.D•

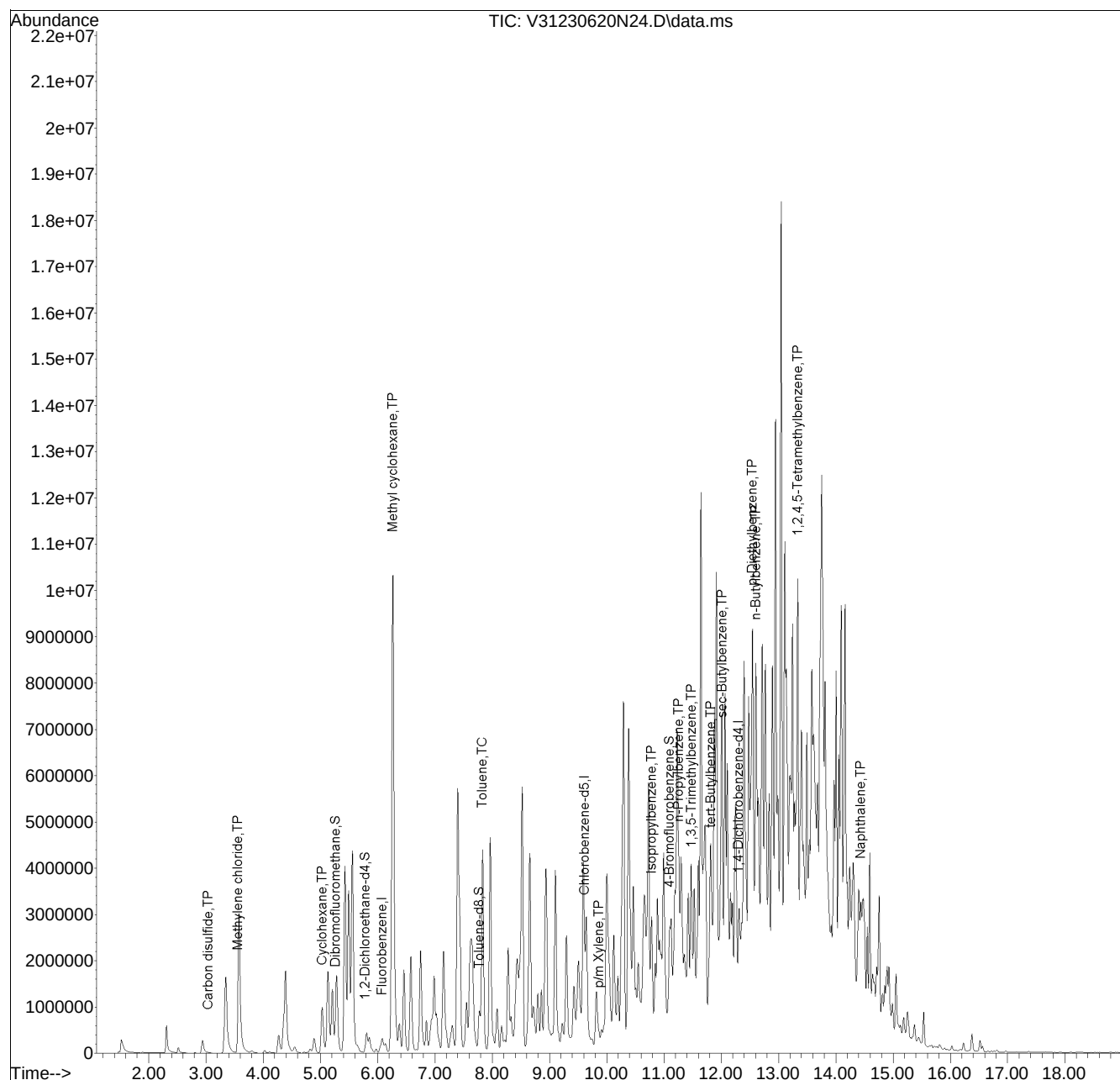


Quantitation Report (QT Reviewed)

Data Path : K:\VOA131\2023\230620N\
 Data File : V31230620N24.D
 Acq On : 21 Jun 2023 03:43 am
 Operator : VOA131:JIC
 Sample : L2331318-17, 31, 7.09, 5,, B
 Misc : WG1794243, ICAL19865
 ALS Vial : 24 Sample Multiplier: 1

Quant Time: Jun 21 11:34:40 2023
 Quant Method : K:\VOA131\2023\230620N\V31_230328A_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Wed Mar 29 10:40:23 2023
 Response via : Initial Calibration

Sub List : 8260-CurveSoil - Megamix plus Diox20N01.D•

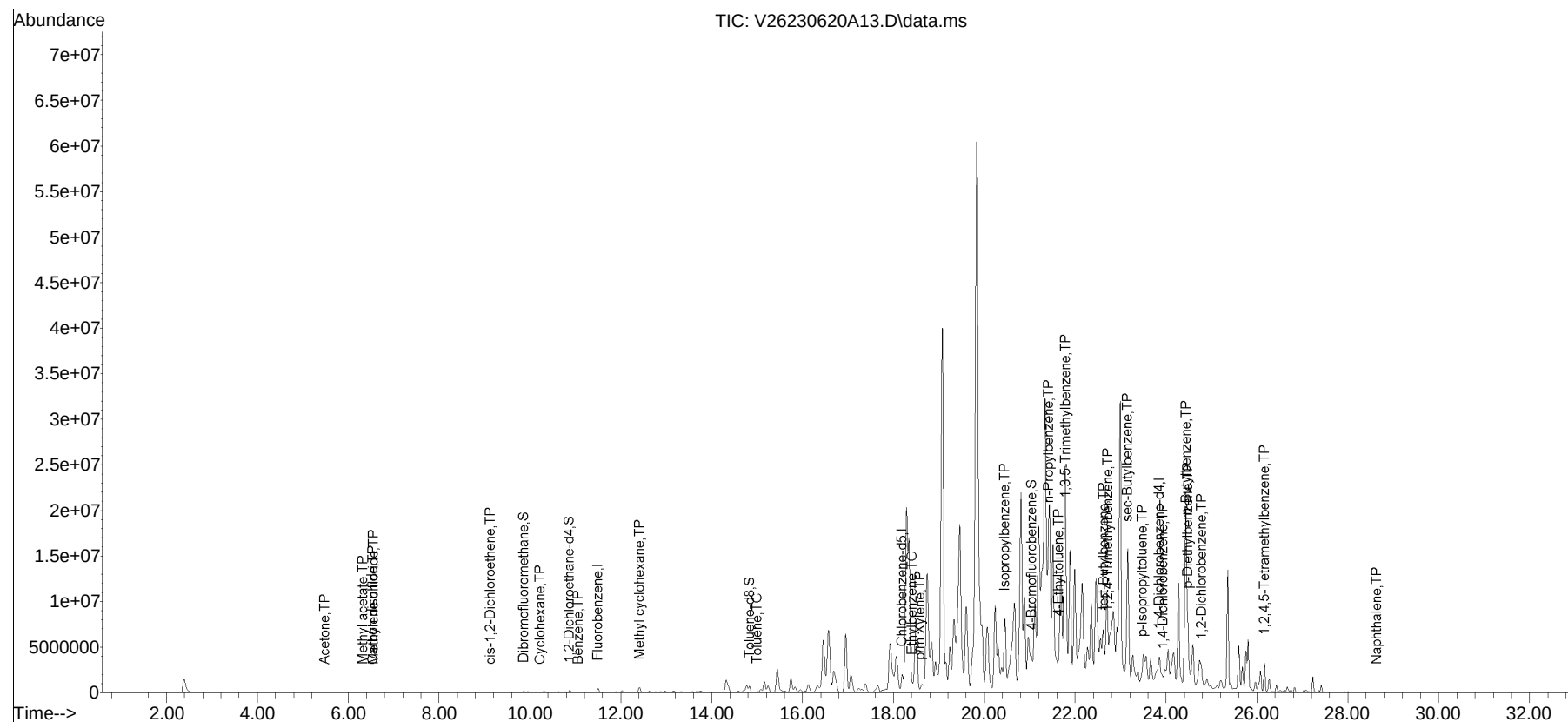


Quantitation Report (QT Reviewed)

Data Path : K:\VOA126\2023\230620A\
 Data File : V26230620A13.D
 Acq On : 20 Jun 2023 02:49 pm
 Operator : VOA126:LAC
 Sample : l2331318-19,31h,5.75,5,0.100,,a
 Misc : WG1794193,ICAL20045
 ALS Vial : 13 Sample Multiplier: 1

Quant Time: Jun 21 12:09:33 2023
 Quant Method : K:\VOA126\2023\230620A\V126_230526N_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Sat May 27 09:44:00 2023
 Response via : Initial Calibration

Sub List : 8260-CurveSoil - Megamix plus Diox20A01.D•

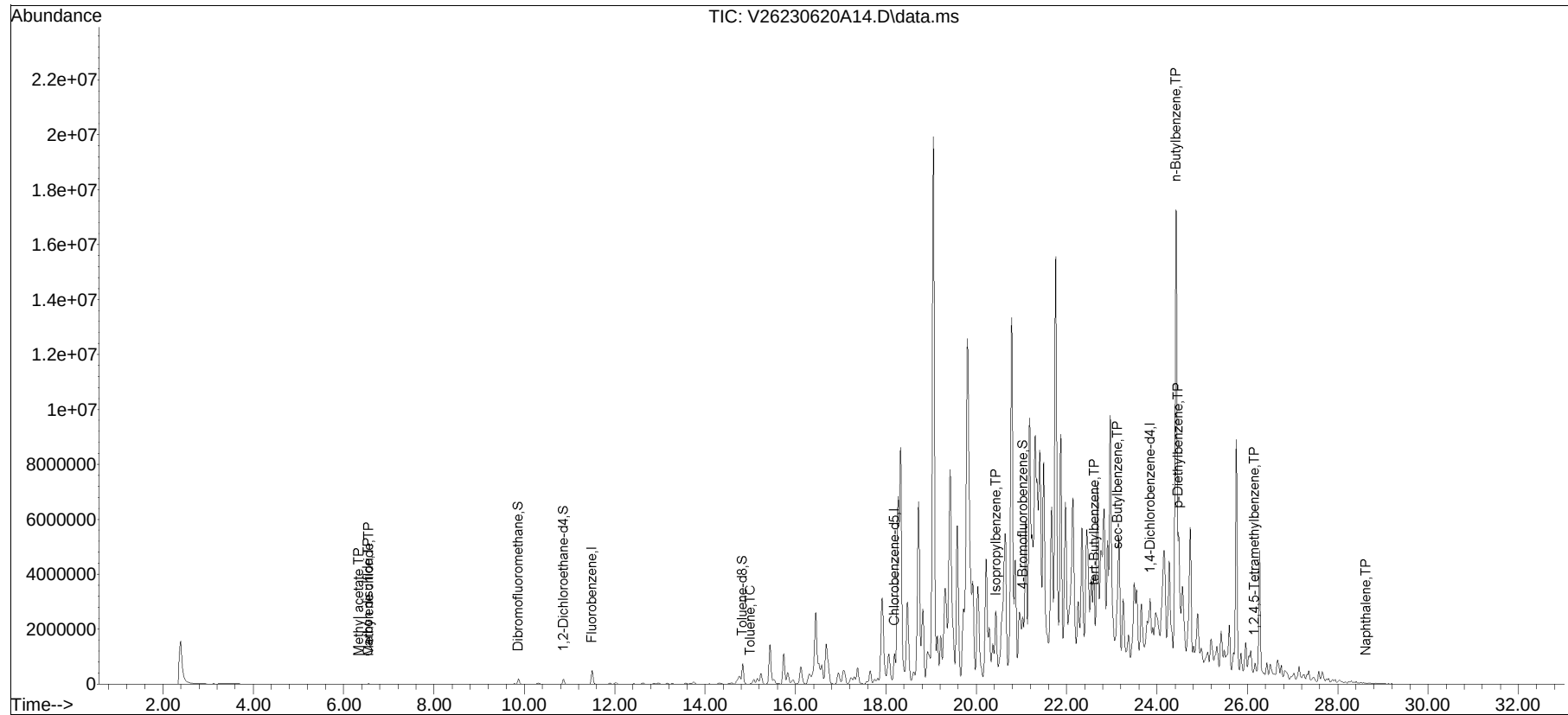


Quantitation Report (QT Reviewed)

Data Path : K:\VOA126\2023\230620A\
 Data File : V26230620A14.D
 Acq On : 20 Jun 2023 03:28 pm
 Operator : VOA126:JIC
 Sample : l2331318-20,31h,6.21,5,0.100,,a
 Misc : WG1794193,ICAL20045
 ALS Vial : 14 Sample Multiplier: 1

Quant Time: Jun 21 09:58:34 2023
 Quant Method : K:\VOA126\2023\230620A\V126_230526N_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Sat May 27 09:44:00 2023
 Response via : Initial Calibration

Sub List : 8260-CurveSoil - Megamix plus Diox20A01.D•





ANALYTICAL REPORT

Lab Number:	L2332912
Client:	CHA Companies One Park Place 300 South State St., Suite 600 Syracuse, NY 13202
ATTN:	Samantha Miller
Phone:	(315) 471-3920
Project Name:	JMA ADDITIONAL INVESTIGATION
Project Number:	059294
Report Date:	06/27/23

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

Certifications & Approvals: MA (M-MA030), NH NELAP (2062), CT (PH-0825), DoD (L2474), FL (E87814), IL (200081), IN (C-MA-04), KY (KY98046), LA (85084), ME (MA00030), MD (350), MI (99110), NJ (MA015), NY (11627), NC (685), OH (CL106), OR (MA-0262), PA (68-02089), RI (LAO00299), TX (T104704419), VT (VT-0015), VA (460194), WA (C954), US Army Corps of Engineers, USDA (Permit #525-23-107-88708), USFWS (Permit #206964).

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



Project Name: JMA ADDITIONAL INVESTIGATION**Project Number:** 059294**Lab Number:** L2332912**Report Date:** 06/27/23

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2332912-01	IA-01	AIR	SYRACUSE, NY	06/09/23 15:28	06/09/23
L2332912-02	SSV-01	SOIL_VAPOR	SYRACUSE, NY	06/09/23 15:34	06/09/23
L2332912-03	IA-02	AIR	SYRACUSE, NY	06/09/23 15:35	06/09/23
L2332912-04	SSV-02	SOIL_VAPOR	SYRACUSE, NY	06/09/23 15:46	06/09/23
L2332912-05	IA-03	AIR	SYRACUSE, NY	06/09/23 13:28	06/09/23
L2332912-06	SSV-03	SOIL_VAPOR	SYRACUSE, NY	06/09/23 15:39	06/09/23
L2332912-07	IA-04	AIR	SYRACUSE, NY	06/09/23 16:07	06/09/23
L2332912-08	SSV-04	SOIL_VAPOR	SYRACUSE, NY	06/09/23 16:10	06/09/23
L2332912-09	IA-05	AIR	SYRACUSE, NY	06/09/23 15:12	06/09/23
L2332912-10	SSV-05	SOIL_VAPOR	SYRACUSE, NY	06/09/23 14:15	06/09/23
L2332912-11	IA-06	AIR	SYRACUSE, NY	06/09/23 14:56	06/09/23
L2332912-12	SSV-06	SOIL_VAPOR	SYRACUSE, NY	06/09/23 16:18	06/09/23

Project Name: JMA ADDITIONAL INVESTIGATION
Project Number: 059294

Lab Number: L2332912
Report Date: 06/27/23

Case Narrative

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

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

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

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

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

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

Project Name: JMA ADDITIONAL INVESTIGATION
Project Number: 059294

Lab Number: L2332912
Report Date: 06/27/23

Case Narrative (continued)

Volatile Organics in Air

Canisters were released from the laboratory on June 1, 2023. The canister certification results are provided as an addendum.

L2332912-01D, -03D, and -05D: The samples were re-analyzed on dilution in order to quantitate the results within the calibration range. The result(s) should be considered estimated, and are qualified with an E flag, for any compound(s) that exceeded the calibration range in the initial analysis. The re-analysis was performed only for the compound(s) that exceeded the calibration range.

L2332912-04D2: The sample was re-analyzed on dilution in order to quantitate the results within the calibration range. The result(s) should be considered estimated, and are qualified with an E flag, for any compound(s) that exceeded the calibration range in the initial analysis. The re-analysis was performed only for the compound(s) that exceeded the calibration range.

L2332912-04D: The sample has elevated detection limits due to the dilution required by the elevated concentrations of target compounds in the sample.

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

Authorized Signature:  Christopher J. Anderson

Title: Technical Director/Representative

Date: 06/27/23

AIR

Project Name: JMA ADDITIONAL INVESTIGATION
Project Number: 059294

Lab Number: L2332912
Report Date: 06/27/23

SAMPLE RESULTS

Lab ID: L2332912-01
Client ID: IA-01
Sample Location: SYRACUSE, NY

Date Collected: 06/09/23 15:28
Date Received: 06/09/23
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15
Analytical Date: 06/22/23 00:17
Analyst: RAY

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
Dichlorodifluoromethane	0.957	0.200	--	4.73	0.989	--		1
Chloromethane	0.620	0.200	--	1.28	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	342	5.00	--	644	9.42	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acetone	1040	1.00	--	2470	2.38	--	E	1
Trichlorofluoromethane	9.40	0.200	--	52.8	1.12	--		1
Isopropanol	2.60	0.500	--	6.39	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	8.98	0.500	--	26.5	1.47	--		1
Ethyl Acetate	ND	0.500	--	ND	1.80	--		1
Chloroform	ND	0.200	--	ND	0.977	--		1
Tetrahydrofuran	2.09	0.500	--	6.16	1.47	--		1



Project Name: JMA ADDITIONAL INVESTIGATION**Lab Number:** L2332912**Project Number:** 059294**Report Date:** 06/27/23**SAMPLE RESULTS**

Lab ID: L2332912-01
 Client ID: IA-01
 Sample Location: SYRACUSE, NY

Date Collected: 06/09/23 15:28
 Date Received: 06/09/23
 Field Prep: Not Specified

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
n-Hexane	103	0.200	--	363	0.705	--	E	1
Benzene	29.7	0.200	--	94.9	0.639	--		1
Cyclohexane	33.4	0.200	--	115	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	39.9	0.200	--	186	0.934	--		1
Heptane	35.4	0.200	--	145	0.820	--		1
cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
4-Methyl-2-pentanone	1.09	0.500	--	4.47	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	378	0.200	--	1420	0.754	--	E	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	16.8	0.200	--	73.0	0.869	--		1
p/m-Xylene	57.4	0.400	--	249	1.74	--		1
Bromoform	ND	0.200	--	ND	2.07	--		1
Styrene	25.0	0.200	--	106	0.852	--		1
1,1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
o-Xylene	20.5	0.200	--	89.0	0.869	--		1
4-Ethyltoluene	3.26	0.200	--	16.0	0.983	--		1
1,3,5-Trimethylbenzene	2.91	0.200	--	14.3	0.983	--		1



Project Name: JMA ADDITIONAL INVESTIGATION**Lab Number:** L2332912**Project Number:** 059294**Report Date:** 06/27/23**SAMPLE RESULTS**

Lab ID: L2332912-01
 Client ID: IA-01
 Sample Location: SYRACUSE, NY

Date Collected: 06/09/23 15:28
 Date Received: 06/09/23
 Field Prep: Not Specified

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
1,2,4-Trimethylbenzene	12.0	0.200	--	59.0	0.983	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	96		60-140
Bromochloromethane	95		60-140
chlorobenzene-d5	93		60-140



Project Name: JMA ADDITIONAL INVESTIGATION
Project Number: 059294

Lab Number: L2332912
Report Date: 06/27/23

SAMPLE RESULTS

Lab ID: L2332912-01
 Client ID: IA-01
 Sample Location: SYRACUSE, NY

Date Collected: 06/09/23 15:28
 Date Received: 06/09/23
 Field Prep: Not Specified

Sample Depth:
 Matrix: Air
 Analytical Method: 48,TO-15-SIM
 Analytical Date: 06/22/23 00:17
 Analyst: RAY

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air by SIM - Mansfield Lab								
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
cis-1,2-Dichloroethene	0.036	0.020	--	0.143	0.079	--		1
1,1,1-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Carbon tetrachloride	0.057	0.020	--	0.359	0.126	--		1
Trichloroethene	0.143	0.020	--	0.769	0.107	--		1
Tetrachloroethene	2.16	0.020	--	14.6	0.136	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-difluorobenzene	97		60-140
bromochloromethane	97		60-140
chlorobenzene-d5	93		60-140



Project Name: JMA ADDITIONAL INVESTIGATION
Project Number: 059294

Lab Number: L2332912
Report Date: 06/27/23

SAMPLE RESULTS

Lab ID: L2332912-01 D
 Client ID: IA-01
 Sample Location: SYRACUSE, NY

Date Collected: 06/09/23 15:28
 Date Received: 06/09/23
 Field Prep: Not Specified

Sample Depth:
 Matrix: Air
 Analytical Method: 48,TO-15
 Analytical Date: 06/23/23 07:37
 Analyst: RAY

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
Acetone	1330	10.0	--	3160	23.8	--		10
n-Hexane	101	2.00	--	356	7.05	--		10
Toluene	744	2.00	--	2800	7.54	--		10

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	99		60-140
Bromochloromethane	97		60-140
chlorobenzene-d5	93		60-140



Project Name: JMA ADDITIONAL INVESTIGATION**Lab Number:** L2332912**Project Number:** 059294**Report Date:** 06/27/23**SAMPLE RESULTS**

Lab ID: L2332912-02
 Client ID: SSV-01
 Sample Location: SYRACUSE, NY

Date Collected: 06/09/23 15:34
 Date Received: 06/09/23
 Field Prep: Not Specified

Sample Depth:
 Matrix: Soil_Vapor
 Analytical Method: 48,TO-15
 Analytical Date: 06/23/23 01:50
 Analyst: RAY

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
Dichlorodifluoromethane	0.994	0.200	--	4.92	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	47.4	1.00	--	113	2.38	--		1
Trichlorofluoromethane	3.03	0.200	--	17.0	1.12	--		1
Isopropanol	0.740	0.500	--	1.82	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	18.4	0.500	--	63.9	1.74	--		1
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
Carbon disulfide	0.459	0.200	--	1.43	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	0.821	0.500	--	2.42	1.47	--		1
cis-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1



Project Name: JMA ADDITIONAL INVESTIGATION**Lab Number:** L2332912**Project Number:** 059294**Report Date:** 06/27/23**SAMPLE RESULTS**

Lab ID: L2332912-02
 Client ID: SSV-01
 Sample Location: SYRACUSE, NY

Date Collected: 06/09/23 15:34
 Date Received: 06/09/23
 Field Prep: Not Specified

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
Ethyl Acetate	ND	0.500	--	ND	1.80	--		1
Chloroform	ND	0.200	--	ND	0.977	--		1
Tetrahydrofuran	ND	0.500	--	ND	1.47	--		1
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
n-Hexane	2.54	0.200	--	8.95	0.705	--		1
1,1,1-Trichloroethane	7.00	0.200	--	38.2	1.09	--		1
Benzene	0.685	0.200	--	2.19	0.639	--		1
Carbon tetrachloride	ND	0.200	--	ND	1.26	--		1
Cyclohexane	0.651	0.200	--	2.24	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	2.28	0.200	--	9.34	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	22.0	0.200	--	82.9	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	20.2	0.200	--	137	1.36	--		1
Chlorobenzene	ND	0.200	--	ND	0.921	--		1
Ethylbenzene	0.308	0.200	--	1.34	0.869	--		1



Project Name: JMA ADDITIONAL INVESTIGATION
Project Number: 059294

Lab Number: L2332912
Report Date: 06/27/23

SAMPLE RESULTS

Lab ID: L2332912-02
 Client ID: SSV-01
 Sample Location: SYRACUSE, NY

Date Collected: 06/09/23 15:34
 Date Received: 06/09/23
 Field Prep: Not Specified

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
p/m-Xylene	1.24	0.400	--	5.39	1.74	--		1
Bromoform	ND	0.200	--	ND	2.07	--		1
Styrene	ND	0.200	--	ND	0.852	--		1
1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
o-Xylene	0.364	0.200	--	1.58	0.869	--		1
4-Ethyltoluene	ND	0.200	--	ND	0.983	--		1
1,3,5-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
1,2,4-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	91		60-140
Bromochloromethane	92		60-140
chlorobenzene-d5	89		60-140



Project Name: JMA ADDITIONAL INVESTIGATION
Project Number: 059294

Lab Number: L2332912
Report Date: 06/27/23

SAMPLE RESULTS

Lab ID: L2332912-03
 Client ID: IA-02
 Sample Location: SYRACUSE, NY

Date Collected: 06/09/23 15:35
 Date Received: 06/09/23
 Field Prep: Not Specified

Sample Depth:
 Matrix: Air
 Analytical Method: 48,TO-15
 Analytical Date: 06/22/23 00:55
 Analyst: RAY

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
Dichlorodifluoromethane	0.834	0.200	--	4.12	0.989	--		1
Chloromethane	0.647	0.200	--	1.34	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	517	5.00	--	974	9.42	--	E	1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acetone	486	1.00	--	1150	2.38	--		1
Trichlorofluoromethane	9.36	0.200	--	52.6	1.12	--		1
Isopropanol	1.83	0.500	--	4.50	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	3.61	0.500	--	10.6	1.47	--		1
Ethyl Acetate	ND	0.500	--	ND	1.80	--		1
Chloroform	ND	0.200	--	ND	0.977	--		1
Tetrahydrofuran	2.99	0.500	--	8.82	1.47	--		1



Project Name: JMA ADDITIONAL INVESTIGATION**Lab Number:** L2332912**Project Number:** 059294**Report Date:** 06/27/23**SAMPLE RESULTS**

Lab ID: L2332912-03
 Client ID: IA-02
 Sample Location: SYRACUSE, NY

Date Collected: 06/09/23 15:35
 Date Received: 06/09/23
 Field Prep: Not Specified

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
n-Hexane	114	0.200	--	402	0.705	--	E	1
Benzene	32.6	0.200	--	104	0.639	--		1
Cyclohexane	36.5	0.200	--	126	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	51.0	0.200	--	238	0.934	--		1
Heptane	36.2	0.200	--	148	0.820	--		1
cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
4-Methyl-2-pentanone	1.57	0.500	--	6.43	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	113	0.200	--	426	0.754	--	E	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	11.7	0.200	--	50.8	0.869	--		1
p/m-Xylene	38.8	0.400	--	169	1.74	--		1
Bromoform	ND	0.200	--	ND	2.07	--		1
Styrene	1.23	0.200	--	5.24	0.852	--		1
1,1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
o-Xylene	14.2	0.200	--	61.7	0.869	--		1
4-Ethyltoluene	1.83	0.200	--	9.00	0.983	--		1
1,3,5-Trimethylbenzene	1.93	0.200	--	9.49	0.983	--		1



Project Name: JMA ADDITIONAL INVESTIGATION**Lab Number:** L2332912**Project Number:** 059294**Report Date:** 06/27/23**SAMPLE RESULTS**

Lab ID: L2332912-03
 Client ID: IA-02
 Sample Location: SYRACUSE, NY

Date Collected: 06/09/23 15:35
 Date Received: 06/09/23
 Field Prep: Not Specified

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
1,2,4-Trimethylbenzene	7.07	0.200	--	34.8	0.983	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	88		60-140
Bromochloromethane	85		60-140
chlorobenzene-d5	87		60-140



Project Name: JMA ADDITIONAL INVESTIGATION
Project Number: 059294

Lab Number: L2332912
Report Date: 06/27/23

SAMPLE RESULTS

Lab ID: L2332912-03
 Client ID: IA-02
 Sample Location: SYRACUSE, NY

Date Collected: 06/09/23 15:35
 Date Received: 06/09/23
 Field Prep: Not Specified

Sample Depth:
 Matrix: Air
 Analytical Method: 48,TO-15-SIM
 Analytical Date: 06/22/23 00:55
 Analyst: RAY

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air by SIM - Mansfield Lab								
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
cis-1,2-Dichloroethene	0.040	0.020	--	0.159	0.079	--		1
1,1,1-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Carbon tetrachloride	0.052	0.020	--	0.327	0.126	--		1
Trichloroethene	0.151	0.020	--	0.812	0.107	--		1
Tetrachloroethene	1.76	0.020	--	11.9	0.136	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-difluorobenzene	90		60-140
bromochloromethane	86		60-140
chlorobenzene-d5	87		60-140



Project Name: JMA ADDITIONAL INVESTIGATION**Lab Number:** L2332912**Project Number:** 059294**Report Date:** 06/27/23**SAMPLE RESULTS**

Lab ID: L2332912-03 D

Client ID: IA-02

Sample Location: SYRACUSE, NY

Date Collected: 06/09/23 15:35

Date Received: 06/09/23

Field Prep: Not Specified

Sample Depth:

Matrix: Air

Analytical Method: 48,TO-15

Analytical Date: 06/23/23 08:11

Analyst: RAY

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
Ethanol	546	25.0	--	1030	47.1	--		5
n-Hexane	114	1.00	--	402	3.52	--		5
Toluene	137	1.00	--	516	3.77	--		5

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	101		60-140
Bromochloromethane	98		60-140
chlorobenzene-d5	94		60-140



Project Name: JMA ADDITIONAL INVESTIGATION
Project Number: 059294

Lab Number: L2332912
Report Date: 06/27/23

SAMPLE RESULTS

Lab ID: L2332912-04 D
 Client ID: SSV-02
 Sample Location: SYRACUSE, NY

Date Collected: 06/09/23 15:46
 Date Received: 06/09/23
 Field Prep: Not Specified

Sample Depth:
 Matrix: Soil_Vapor
 Analytical Method: 48,TO-15
 Analytical Date: 06/23/23 02:27
 Analyst: RAY

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
Dichlorodifluoromethane	ND	8.91	--	ND	44.1	--		44.56
Chloromethane	ND	8.91	--	ND	18.4	--		44.56
Freon-114	ND	8.91	--	ND	62.3	--		44.56
Vinyl chloride	ND	8.91	--	ND	22.8	--		44.56
1,3-Butadiene	ND	8.91	--	ND	19.7	--		44.56
Bromomethane	ND	8.91	--	ND	34.6	--		44.56
Chloroethane	ND	8.91	--	ND	23.5	--		44.56
Ethanol	ND	223	--	ND	420	--		44.56
Vinyl bromide	ND	8.91	--	ND	39.0	--		44.56
Acetone	ND	44.6	--	ND	106	--		44.56
Trichlorofluoromethane	ND	8.91	--	ND	50.1	--		44.56
Isopropanol	ND	22.3	--	ND	54.8	--		44.56
1,1-Dichloroethene	ND	8.91	--	ND	35.3	--		44.56
Tertiary butyl Alcohol	ND	22.3	--	ND	67.6	--		44.56
Methylene chloride	ND	22.3	--	ND	77.5	--		44.56
3-Chloropropene	ND	8.91	--	ND	27.9	--		44.56
Carbon disulfide	ND	8.91	--	ND	27.7	--		44.56
Freon-113	ND	8.91	--	ND	68.3	--		44.56
trans-1,2-Dichloroethene	ND	8.91	--	ND	35.3	--		44.56
1,1-Dichloroethane	ND	8.91	--	ND	36.1	--		44.56
Methyl tert butyl ether	ND	8.91	--	ND	32.1	--		44.56
2-Butanone	ND	22.3	--	ND	65.8	--		44.56
cis-1,2-Dichloroethene	11.7	8.91	--	46.4	35.3	--		44.56



Project Name: JMA ADDITIONAL INVESTIGATION
Project Number: 059294

Lab Number: L2332912
Report Date: 06/27/23

SAMPLE RESULTS

Lab ID: L2332912-04 D
 Client ID: SSV-02
 Sample Location: SYRACUSE, NY

Date Collected: 06/09/23 15:46
 Date Received: 06/09/23
 Field Prep: Not Specified

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
Ethyl Acetate	ND	22.3	--	ND	80.4	--		44.56
Chloroform	ND	8.91	--	ND	43.5	--		44.56
Tetrahydrofuran	ND	22.3	--	ND	65.8	--		44.56
1,2-Dichloroethane	ND	8.91	--	ND	36.1	--		44.56
n-Hexane	ND	8.91	--	ND	31.4	--		44.56
1,1,1-Trichloroethane	ND	8.91	--	ND	48.6	--		44.56
Benzene	ND	8.91	--	ND	28.5	--		44.56
Carbon tetrachloride	ND	8.91	--	ND	56.0	--		44.56
Cyclohexane	ND	8.91	--	ND	30.7	--		44.56
1,2-Dichloropropane	ND	8.91	--	ND	41.2	--		44.56
Bromodichloromethane	ND	8.91	--	ND	59.7	--		44.56
1,4-Dioxane	ND	8.91	--	ND	32.1	--		44.56
Trichloroethene	394	8.91	--	2120	47.9	--		44.56
2,2,4-Trimethylpentane	ND	8.91	--	ND	41.6	--		44.56
Heptane	ND	8.91	--	ND	36.5	--		44.56
cis-1,3-Dichloropropene	ND	8.91	--	ND	40.5	--		44.56
4-Methyl-2-pentanone	ND	22.3	--	ND	91.4	--		44.56
trans-1,3-Dichloropropene	ND	8.91	--	ND	40.5	--		44.56
1,1,2-Trichloroethane	ND	8.91	--	ND	48.6	--		44.56
Toluene	10.4	8.91	--	39.2	33.6	--		44.56
2-Hexanone	ND	8.91	--	ND	36.5	--		44.56
Dibromochloromethane	ND	8.91	--	ND	75.9	--		44.56
1,2-Dibromoethane	ND	8.91	--	ND	68.5	--		44.56
Tetrachloroethene	5650	8.91	--	38300	60.4	--	E	44.56
Chlorobenzene	ND	8.91	--	ND	41.0	--		44.56
Ethylbenzene	ND	8.91	--	ND	38.7	--		44.56



Project Name: JMA ADDITIONAL INVESTIGATION**Lab Number:** L2332912**Project Number:** 059294**Report Date:** 06/27/23**SAMPLE RESULTS**

Lab ID: L2332912-04 D

Client ID: SSV-02

Sample Location: SYRACUSE, NY

Date Collected: 06/09/23 15:46

Date Received: 06/09/23

Field Prep: Not Specified

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
p/m-Xylene	ND	17.8	--	ND	77.3	--		44.56
Bromoform	ND	8.91	--	ND	92.1	--		44.56
Styrene	ND	8.91	--	ND	37.9	--		44.56
1,1,2,2-Tetrachloroethane	ND	8.91	--	ND	61.2	--		44.56
o-Xylene	ND	8.91	--	ND	38.7	--		44.56
4-Ethyltoluene	ND	8.91	--	ND	43.8	--		44.56
1,3,5-Trimethylbenzene	ND	8.91	--	ND	43.8	--		44.56
1,2,4-Trimethylbenzene	ND	8.91	--	ND	43.8	--		44.56
Benzyl chloride	ND	8.91	--	ND	46.1	--		44.56
1,3-Dichlorobenzene	ND	8.91	--	ND	53.6	--		44.56
1,4-Dichlorobenzene	ND	8.91	--	ND	53.6	--		44.56
1,2-Dichlorobenzene	ND	8.91	--	ND	53.6	--		44.56
1,2,4-Trichlorobenzene	ND	8.91	--	ND	66.1	--		44.56
Hexachlorobutadiene	ND	8.91	--	ND	95.0	--		44.56

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



Project Name: JMA ADDITIONAL INVESTIGATION**Lab Number:** L2332912**Project Number:** 059294**Report Date:** 06/27/23**SAMPLE RESULTS**

Lab ID: L2332912-04 D2

Client ID: SSV-02

Sample Location: SYRACUSE, NY

Date Collected: 06/09/23 15:46

Date Received: 06/09/23

Field Prep: Not Specified

Sample Depth:

Matrix: Soil_Vapor

Analytical Method: 48,TO-15

Analytical Date: 06/23/23 08:17

Analyst: RAY

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
Tetrachloroethene	6190	27.6	--	42000	187	--		138.1

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



Project Name: JMA ADDITIONAL INVESTIGATION
Project Number: 059294

Lab Number: L2332912
Report Date: 06/27/23

SAMPLE RESULTS

Lab ID: L2332912-05
 Client ID: IA-03
 Sample Location: SYRACUSE, NY

Date Collected: 06/09/23 13:28
 Date Received: 06/09/23
 Field Prep: Not Specified

Sample Depth:
 Matrix: Air
 Analytical Method: 48,TO-15
 Analytical Date: 06/22/23 01:33
 Analyst: RAY

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
Dichlorodifluoromethane	0.927	0.200	--	4.58	0.989	--		1
Chloromethane	0.612	0.200	--	1.26	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	626	5.00	--	1180	9.42	--	E	1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acetone	472	1.00	--	1120	2.38	--		1
Trichlorofluoromethane	8.61	0.200	--	48.4	1.12	--		1
Isopropanol	1.64	0.500	--	4.03	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	3.20	0.500	--	9.44	1.47	--		1
Ethyl Acetate	ND	0.500	--	ND	1.80	--		1
Chloroform	ND	0.200	--	ND	0.977	--		1
Tetrahydrofuran	2.38	0.500	--	7.02	1.47	--		1



Project Name: JMA ADDITIONAL INVESTIGATION**Lab Number:** L2332912**Project Number:** 059294**Report Date:** 06/27/23**SAMPLE RESULTS**

Lab ID: L2332912-05
 Client ID: IA-03
 Sample Location: SYRACUSE, NY

Date Collected: 06/09/23 13:28
 Date Received: 06/09/23
 Field Prep: Not Specified

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
n-Hexane	118	0.200	--	416	0.705	--	E	1
Benzene	32.7	0.200	--	104	0.639	--		1
Cyclohexane	37.4	0.200	--	129	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	55.5	0.200	--	259	0.934	--		1
Heptane	37.0	0.200	--	152	0.820	--		1
cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
4-Methyl-2-pentanone	1.44	0.500	--	5.90	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	115	0.200	--	433	0.754	--	E	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	12.6	0.200	--	54.7	0.869	--		1
p/m-Xylene	42.2	0.400	--	183	1.74	--		1
Bromoform	ND	0.200	--	ND	2.07	--		1
Styrene	1.03	0.200	--	4.39	0.852	--		1
1,1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
o-Xylene	15.8	0.200	--	68.6	0.869	--		1
4-Ethyltoluene	2.44	0.200	--	12.0	0.983	--		1
1,3,5-Trimethylbenzene	2.55	0.200	--	12.5	0.983	--		1



Project Name: JMA ADDITIONAL INVESTIGATION**Lab Number:** L2332912**Project Number:** 059294**Report Date:** 06/27/23**SAMPLE RESULTS**

Lab ID: L2332912-05
 Client ID: IA-03
 Sample Location: SYRACUSE, NY

Date Collected: 06/09/23 13:28
 Date Received: 06/09/23
 Field Prep: Not Specified

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
1,2,4-Trimethylbenzene	9.46	0.200	--	46.5	0.983	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	89		60-140
Bromochloromethane	85		60-140
chlorobenzene-d5	85		60-140



Project Name: JMA ADDITIONAL INVESTIGATION
Project Number: 059294

Lab Number: L2332912
Report Date: 06/27/23

SAMPLE RESULTS

Lab ID: L2332912-05
 Client ID: IA-03
 Sample Location: SYRACUSE, NY

Date Collected: 06/09/23 13:28
 Date Received: 06/09/23
 Field Prep: Not Specified

Sample Depth:
 Matrix: Air
 Analytical Method: 48,TO-15-SIM
 Analytical Date: 06/22/23 01:33
 Analyst: RAY

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air by SIM - Mansfield Lab								
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
cis-1,2-Dichloroethene	0.035	0.020	--	0.139	0.079	--		1
1,1,1-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Carbon tetrachloride	0.054	0.020	--	0.340	0.126	--		1
Trichloroethene	0.125	0.020	--	0.672	0.107	--		1
Tetrachloroethene	1.37	0.020	--	9.29	0.136	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-difluorobenzene	89		60-140
bromochloromethane	85		60-140
chlorobenzene-d5	86		60-140



Project Name: JMA ADDITIONAL INVESTIGATION
Project Number: 059294

Lab Number: L2332912
Report Date: 06/27/23

SAMPLE RESULTS

Lab ID: L2332912-05 D
 Client ID: IA-03
 Sample Location: SYRACUSE, NY

Date Collected: 06/09/23 13:28
 Date Received: 06/09/23
 Field Prep: Not Specified

Sample Depth:
 Matrix: Air
 Analytical Method: 48,TO-15
 Analytical Date: 06/23/23 08:46
 Analyst: RAY

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
Ethanol	509	25.0	--	959	47.1	--		5
n-Hexane	94.0	1.00	--	331	3.52	--		5
Toluene	105	1.00	--	396	3.77	--		5

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



Project Name: JMA ADDITIONAL INVESTIGATION**Lab Number:** L2332912**Project Number:** 059294**Report Date:** 06/27/23**SAMPLE RESULTS**

Lab ID: L2332912-06
 Client ID: SSV-03
 Sample Location: SYRACUSE, NY

Date Collected: 06/09/23 15:39
 Date Received: 06/09/23
 Field Prep: Not Specified

Sample Depth:
 Matrix: Soil_Vapor
 Analytical Method: 48,TO-15
 Analytical Date: 06/23/23 03:06
 Analyst: RAY

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
Dichlorodifluoromethane	0.600	0.200	--	2.97	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	8.91	1.00	--	21.2	2.38	--		1
Trichlorofluoromethane	1.06	0.200	--	5.96	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	2.04	0.500	--	7.09	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



Project Name: JMA ADDITIONAL INVESTIGATION**Lab Number:** L2332912**Project Number:** 059294**Report Date:** 06/27/23**SAMPLE RESULTS**

Lab ID: L2332912-06
 Client ID: SSV-03
 Sample Location: SYRACUSE, NY

Date Collected: 06/09/23 15:39
 Date Received: 06/09/23
 Field Prep: Not Specified

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
Ethyl Acetate	ND	0.500	--	ND	1.80	--		1
Chloroform	0.304	0.200	--	1.48	0.977	--		1
Tetrahydrofuran	ND	0.500	--	ND	1.47	--		1
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
n-Hexane	1.50	0.200	--	5.29	0.705	--		1
1,1,1-Trichloroethane	0.594	0.200	--	3.24	1.09	--		1
Benzene	0.621	0.200	--	1.98	0.639	--		1
Carbon tetrachloride	0.735	0.200	--	4.62	1.26	--		1
Cyclohexane	0.477	0.200	--	1.64	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	1.55	0.200	--	6.35	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	3.18	0.200	--	12.0	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	27.4	0.200	--	186	1.36	--		1
Chlorobenzene	ND	0.200	--	ND	0.921	--		1
Ethylbenzene	ND	0.200	--	ND	0.869	--		1



Project Name: JMA ADDITIONAL INVESTIGATION**Lab Number:** L2332912**Project Number:** 059294**Report Date:** 06/27/23**SAMPLE RESULTS**

Lab ID: L2332912-06
 Client ID: SSV-03
 Sample Location: SYRACUSE, NY

Date Collected: 06/09/23 15:39
 Date Received: 06/09/23
 Field Prep: Not Specified

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
p/m-Xylene	0.882	0.400	--	3.83	1.74	--		1
Bromoform	ND	0.200	--	ND	2.07	--		1
Styrene	ND	0.200	--	ND	0.852	--		1
1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
o-Xylene	0.272	0.200	--	1.18	0.869	--		1
4-Ethyltoluene	ND	0.200	--	ND	0.983	--		1
1,3,5-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
1,2,4-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	90		60-140
Bromochloromethane	90		60-140
chlorobenzene-d5	91		60-140



Project Name: JMA ADDITIONAL INVESTIGATION
Project Number: 059294

Lab Number: L2332912
Report Date: 06/27/23

SAMPLE RESULTS

Lab ID: L2332912-07
 Client ID: IA-04
 Sample Location: SYRACUSE, NY

Date Collected: 06/09/23 16:07
 Date Received: 06/09/23
 Field Prep: Not Specified

Sample Depth:
 Matrix: Air
 Analytical Method: 48,TO-15
 Analytical Date: 06/22/23 02:50
 Analyst: RAY

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
Dichlorodifluoromethane	0.468	0.200	--	2.31	0.989	--		1
Chloromethane	0.522	0.200	--	1.08	0.413	--		1
Freon-114	ND	0.200	--	ND	1.40	--		1
1,3-Butadiene	ND	0.200	--	ND	0.442	--		1
Bromomethane	ND	0.200	--	ND	0.777	--		1
Chloroethane	ND	0.200	--	ND	0.528	--		1
Ethanol	ND	5.00	--	ND	9.42	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acetone	9.82	1.00	--	23.3	2.38	--		1
Trichlorofluoromethane	0.260	0.200	--	1.46	1.12	--		1
Isopropanol	0.556	0.500	--	1.37	1.23	--		1
Tertiary butyl Alcohol	ND	0.500	--	ND	1.52	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
Carbon disulfide	ND	0.200	--	ND	0.623	--		1
Freon-113	ND	0.200	--	ND	1.53	--		1
trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
1,1-Dichloroethane	ND	0.200	--	ND	0.809	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
Ethyl Acetate	ND	0.500	--	ND	1.80	--		1
Chloroform	ND	0.200	--	ND	0.977	--		1
Tetrahydrofuran	0.737	0.500	--	2.17	1.47	--		1



Project Name: JMA ADDITIONAL INVESTIGATION**Lab Number:** L2332912**Project Number:** 059294**Report Date:** 06/27/23**SAMPLE RESULTS**

Lab ID: L2332912-07
 Client ID: IA-04
 Sample Location: SYRACUSE, NY

Date Collected: 06/09/23 16:07
 Date Received: 06/09/23
 Field Prep: Not Specified

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
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	6.38	0.200	--	24.0	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
1,1,1,2,2-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: JMA ADDITIONAL INVESTIGATION**Lab Number:** L2332912**Project Number:** 059294**Report Date:** 06/27/23**SAMPLE RESULTS**

Lab ID: L2332912-07
 Client ID: IA-04
 Sample Location: SYRACUSE, NY

Date Collected: 06/09/23 16:07
 Date Received: 06/09/23
 Field Prep: Not Specified

Sample Depth:

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

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	86		60-140
Bromochloromethane	82		60-140
chlorobenzene-d5	83		60-140



Project Name: JMA ADDITIONAL INVESTIGATION
Project Number: 059294

Lab Number: L2332912
Report Date: 06/27/23

SAMPLE RESULTS

Lab ID: L2332912-07
 Client ID: IA-04
 Sample Location: SYRACUSE, NY

Date Collected: 06/09/23 16:07
 Date Received: 06/09/23
 Field Prep: Not Specified

Sample Depth:
 Matrix: Air
 Analytical Method: 48,TO-15-SIM
 Analytical Date: 06/22/23 02:50
 Analyst: RAY

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
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	0.045	0.020	--	0.283	0.126	--		1
Trichloroethene	ND	0.020	--	ND	0.107	--		1
Tetrachloroethene	0.025	0.020	--	0.170	0.136	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-difluorobenzene	87		60-140
bromochloromethane	84		60-140
chlorobenzene-d5	83		60-140



Project Name: JMA ADDITIONAL INVESTIGATION**Lab Number:** L2332912**Project Number:** 059294**Report Date:** 06/27/23**SAMPLE RESULTS**

Lab ID: L2332912-08
 Client ID: SSV-04
 Sample Location: SYRACUSE, NY

Date Collected: 06/09/23 16:10
 Date Received: 06/09/23
 Field Prep: Not Specified

Sample Depth:
 Matrix: Soil_Vapor
 Analytical Method: 48,TO-15
 Analytical Date: 06/23/23 03:45
 Analyst: RAY

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
Dichlorodifluoromethane	0.497	0.200	--	2.46	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
Freon-114	ND	0.200	--	ND	1.40	--		1
Vinyl chloride	ND	0.200	--	ND	0.511	--		1
1,3-Butadiene	ND	0.200	--	ND	0.442	--		1
Bromomethane	ND	0.200	--	ND	0.777	--		1
Chloroethane	ND	0.200	--	ND	0.528	--		1
Ethanol	ND	5.00	--	ND	9.42	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acetone	2.67	1.00	--	6.34	2.38	--		1
Trichlorofluoromethane	0.295	0.200	--	1.66	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	1.80	0.200	--	5.61	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	0.647	0.500	--	1.91	1.47	--		1
cis-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1



Project Name: JMA ADDITIONAL INVESTIGATION**Lab Number:** L2332912**Project Number:** 059294**Report Date:** 06/27/23**SAMPLE RESULTS**

Lab ID: L2332912-08
 Client ID: SSV-04
 Sample Location: SYRACUSE, NY

Date Collected: 06/09/23 16:10
 Date Received: 06/09/23
 Field Prep: Not Specified

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
Ethyl Acetate	ND	0.500	--	ND	1.80	--		1
Chloroform	ND	0.200	--	ND	0.977	--		1
Tetrahydrofuran	0.706	0.500	--	2.08	1.47	--		1
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
n-Hexane	1.26	0.200	--	4.44	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	0.325	0.200	--	1.12	0.688	--		1
1,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
Bromodichloromethane	ND	0.200	--	ND	1.34	--		1
1,4-Dioxane	ND	0.200	--	ND	0.721	--		1
Trichloroethene	ND	0.200	--	ND	1.07	--		1
2,2,4-Trimethylpentane	ND	0.200	--	ND	0.934	--		1
Heptane	0.625	0.200	--	2.56	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	0.232	0.200	--	0.874	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	10.5	0.200	--	71.2	1.36	--		1
Chlorobenzene	ND	0.200	--	ND	0.921	--		1
Ethylbenzene	ND	0.200	--	ND	0.869	--		1



Project Name: JMA ADDITIONAL INVESTIGATION**Lab Number:** L2332912**Project Number:** 059294**Report Date:** 06/27/23**SAMPLE RESULTS**

Lab ID: L2332912-08
 Client ID: SSV-04
 Sample Location: SYRACUSE, NY

Date Collected: 06/09/23 16:10
 Date Received: 06/09/23
 Field Prep: Not Specified

Sample Depth:

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

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	90		60-140
Bromochloromethane	92		60-140
chlorobenzene-d5	90		60-140



Project Name: JMA ADDITIONAL INVESTIGATION**Lab Number:** L2332912**Project Number:** 059294**Report Date:** 06/27/23**SAMPLE RESULTS**

Lab ID: L2332912-09
 Client ID: IA-05
 Sample Location: SYRACUSE, NY

Date Collected: 06/09/23 15:12
 Date Received: 06/09/23
 Field Prep: Not Specified

Sample Depth:
 Matrix: Air
 Analytical Method: 48,TO-15
 Analytical Date: 06/22/23 03:28
 Analyst: RAY

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
Dichlorodifluoromethane	0.468	0.200	--	2.31	0.989	--		1
Chloromethane	0.462	0.200	--	0.954	0.413	--		1
Freon-114	ND	0.200	--	ND	1.40	--		1
1,3-Butadiene	ND	0.200	--	ND	0.442	--		1
Bromomethane	ND	0.200	--	ND	0.777	--		1
Chloroethane	ND	0.200	--	ND	0.528	--		1
Ethanol	ND	5.00	--	ND	9.42	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acetone	9.09	1.00	--	21.6	2.38	--		1
Trichlorofluoromethane	0.237	0.200	--	1.33	1.12	--		1
Isopropanol	ND	0.500	--	ND	1.23	--		1
Tertiary butyl Alcohol	ND	0.500	--	ND	1.52	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
Carbon disulfide	ND	0.200	--	ND	0.623	--		1
Freon-113	ND	0.200	--	ND	1.53	--		1
trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
1,1-Dichloroethane	ND	0.200	--	ND	0.809	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
Ethyl Acetate	ND	0.500	--	ND	1.80	--		1
Chloroform	ND	0.200	--	ND	0.977	--		1
Tetrahydrofuran	0.626	0.500	--	1.85	1.47	--		1



Project Name: JMA ADDITIONAL INVESTIGATION**Lab Number:** L2332912**Project Number:** 059294**Report Date:** 06/27/23**SAMPLE RESULTS**

Lab ID: L2332912-09
 Client ID: IA-05
 Sample Location: SYRACUSE, NY

Date Collected: 06/09/23 15:12
 Date Received: 06/09/23
 Field Prep: Not Specified

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
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	3.73	0.200	--	14.1	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	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
1,1,1,2,2-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: JMA ADDITIONAL INVESTIGATION**Lab Number:** L2332912**Project Number:** 059294**Report Date:** 06/27/23**SAMPLE RESULTS**

Lab ID: L2332912-09
 Client ID: IA-05
 Sample Location: SYRACUSE, NY

Date Collected: 06/09/23 15:12
 Date Received: 06/09/23
 Field Prep: Not Specified

Sample Depth:

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

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	87		60-140
Bromochloromethane	84		60-140
chlorobenzene-d5	83		60-140



Project Name: JMA ADDITIONAL INVESTIGATION**Lab Number:** L2332912**Project Number:** 059294**Report Date:** 06/27/23**SAMPLE RESULTS**

Lab ID: L2332912-09
 Client ID: IA-05
 Sample Location: SYRACUSE, NY

Date Collected: 06/09/23 15:12
 Date Received: 06/09/23
 Field Prep: Not Specified

Sample Depth:
 Matrix: Air
 Analytical Method: 48,TO-15-SIM
 Analytical Date: 06/22/23 03:28
 Analyst: RAY

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
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	0.051	0.020	--	0.321	0.126	--		1
Trichloroethene	ND	0.020	--	ND	0.107	--		1
Tetrachloroethene	0.028	0.020	--	0.190	0.136	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-difluorobenzene	88		60-140
bromochloromethane	86		60-140
chlorobenzene-d5	84		60-140



Project Name: JMA ADDITIONAL INVESTIGATION**Lab Number:** L2332912**Project Number:** 059294**Report Date:** 06/27/23**SAMPLE RESULTS**

Lab ID: L2332912-10
 Client ID: SSV-05
 Sample Location: SYRACUSE, NY

Date Collected: 06/09/23 14:15
 Date Received: 06/09/23
 Field Prep: Not Specified

Sample Depth:
 Matrix: Soil_Vapor
 Analytical Method: 48,TO-15
 Analytical Date: 06/23/23 04:24
 Analyst: RAY

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
Dichlorodifluoromethane	0.491	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	4.26	1.00	--	10.1	2.38	--		1
Trichlorofluoromethane	1.42	0.200	--	7.98	1.12	--		1
Isopropanol	0.729	0.500	--	1.79	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	0.211	0.200	--	0.657	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



Project Name: JMA ADDITIONAL INVESTIGATION**Lab Number:** L2332912**Project Number:** 059294**Report Date:** 06/27/23**SAMPLE RESULTS**

Lab ID: L2332912-10
 Client ID: SSV-05
 Sample Location: SYRACUSE, NY

Date Collected: 06/09/23 14:15
 Date Received: 06/09/23
 Field Prep: Not Specified

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
Ethyl Acetate	ND	0.500	--	ND	1.80	--		1
Chloroform	ND	0.200	--	ND	0.977	--		1
Tetrahydrofuran	ND	0.500	--	ND	1.47	--		1
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
n-Hexane	1.13	0.200	--	3.98	0.705	--		1
1,1,1-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Benzene	0.713	0.200	--	2.28	0.639	--		1
Carbon tetrachloride	ND	0.200	--	ND	1.26	--		1
Cyclohexane	0.578	0.200	--	1.99	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	1.28	0.200	--	5.25	0.820	--		1
cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Toluene	2.22	0.200	--	8.37	0.754	--		1
2-Hexanone	ND	0.200	--	ND	0.820	--		1
Dibromochloromethane	ND	0.200	--	ND	1.70	--		1
1,2-Dibromoethane	ND	0.200	--	ND	1.54	--		1
Tetrachloroethene	0.205	0.200	--	1.39	1.36	--		1
Chlorobenzene	ND	0.200	--	ND	0.921	--		1
Ethylbenzene	0.206	0.200	--	0.895	0.869	--		1



Project Name: JMA ADDITIONAL INVESTIGATION**Lab Number:** L2332912**Project Number:** 059294**Report Date:** 06/27/23**SAMPLE RESULTS**

Lab ID: L2332912-10
 Client ID: SSV-05
 Sample Location: SYRACUSE, NY

Date Collected: 06/09/23 14:15
 Date Received: 06/09/23
 Field Prep: Not Specified

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
p/m-Xylene	1.03	0.400	--	4.47	1.74	--		1
Bromoform	ND	0.200	--	ND	2.07	--		1
Styrene	ND	0.200	--	ND	0.852	--		1
1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
o-Xylene	0.237	0.200	--	1.03	0.869	--		1
4-Ethyltoluene	ND	0.200	--	ND	0.983	--		1
1,3,5-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
1,2,4-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1

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



Project Name: JMA ADDITIONAL INVESTIGATION**Lab Number:** L2332912**Project Number:** 059294**Report Date:** 06/27/23**SAMPLE RESULTS**

Lab ID: L2332912-11
 Client ID: IA-06
 Sample Location: SYRACUSE, NY

Date Collected: 06/09/23 14:56
 Date Received: 06/09/23
 Field Prep: Not Specified

Sample Depth:
 Matrix: Air
 Analytical Method: 48,TO-15
 Analytical Date: 06/22/23 08:02
 Analyst: RAY

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
Dichlorodifluoromethane	0.468	0.200	--	2.31	0.989	--		1
Chloromethane	0.516	0.200	--	1.07	0.413	--		1
Freon-114	ND	0.200	--	ND	1.40	--		1
1,3-Butadiene	ND	0.200	--	ND	0.442	--		1
Bromomethane	ND	0.200	--	ND	0.777	--		1
Chloroethane	ND	0.200	--	ND	0.528	--		1
Ethanol	ND	5.00	--	ND	9.42	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acetone	6.96	1.00	--	16.5	2.38	--		1
Trichlorofluoromethane	0.223	0.200	--	1.25	1.12	--		1
Isopropanol	5.82	0.500	--	14.3	1.23	--		1
Tertiary butyl Alcohol	ND	0.500	--	ND	1.52	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
Carbon disulfide	ND	0.200	--	ND	0.623	--		1
Freon-113	ND	0.200	--	ND	1.53	--		1
trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
1,1-Dichloroethane	ND	0.200	--	ND	0.809	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
Ethyl Acetate	ND	0.500	--	ND	1.80	--		1
Chloroform	ND	0.200	--	ND	0.977	--		1
Tetrahydrofuran	0.580	0.500	--	1.71	1.47	--		1



Project Name: JMA ADDITIONAL INVESTIGATION**Lab Number:** L2332912**Project Number:** 059294**Report Date:** 06/27/23**SAMPLE RESULTS**

Lab ID: L2332912-11
 Client ID: IA-06
 Sample Location: SYRACUSE, NY

Date Collected: 06/09/23 14:56
 Date Received: 06/09/23
 Field Prep: Not Specified

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
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	1.39	0.200	--	5.24	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
1,1,1,2,2-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: JMA ADDITIONAL INVESTIGATION**Lab Number:** L2332912**Project Number:** 059294**Report Date:** 06/27/23**SAMPLE RESULTS**

Lab ID: L2332912-11
 Client ID: IA-06
 Sample Location: SYRACUSE, NY

Date Collected: 06/09/23 14:56
 Date Received: 06/09/23
 Field Prep: Not Specified

Sample Depth:

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

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	87		60-140
Bromochloromethane	83		60-140
chlorobenzene-d5	83		60-140



Project Name: JMA ADDITIONAL INVESTIGATION
Project Number: 059294

Lab Number: L2332912
Report Date: 06/27/23

SAMPLE RESULTS

Lab ID: L2332912-11
 Client ID: IA-06
 Sample Location: SYRACUSE, NY

Date Collected: 06/09/23 14:56
 Date Received: 06/09/23
 Field Prep: Not Specified

Sample Depth:
 Matrix: Air
 Analytical Method: 48,TO-15-SIM
 Analytical Date: 06/22/23 08:02
 Analyst: RAY

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
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	0.045	0.020	--	0.283	0.126	--		1
Trichloroethene	ND	0.020	--	ND	0.107	--		1
Tetrachloroethene	0.026	0.020	--	0.176	0.136	--		1

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



Project Name: JMA ADDITIONAL INVESTIGATION
Project Number: 059294

Lab Number: L2332912
Report Date: 06/27/23

SAMPLE RESULTS

Lab ID: L2332912-12
Client ID: SSV-06
Sample Location: SYRACUSE, NY

Date Collected: 06/09/23 16:18
Date Received: 06/09/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil_Vapor
Analytical Method: 48,TO-15
Analytical Date: 06/23/23 05:03
Analyst: RAY

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
Dichlorodifluoromethane	0.515	0.200	--	2.55	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	2.37	1.00	--	5.63	2.38	--		1
Trichlorofluoromethane	0.286	0.200	--	1.61	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



Project Name: JMA ADDITIONAL INVESTIGATION**Lab Number:** L2332912**Project Number:** 059294**Report Date:** 06/27/23**SAMPLE RESULTS**

Lab ID: L2332912-12
 Client ID: SSV-06
 Sample Location: SYRACUSE, NY

Date Collected: 06/09/23 16:18
 Date Received: 06/09/23
 Field Prep: Not Specified

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
Ethyl Acetate	ND	0.500	--	ND	1.80	--		1
Chloroform	ND	0.200	--	ND	0.977	--		1
Tetrahydrofuran	0.963	0.500	--	2.84	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	0.201	0.200	--	0.757	0.754	--		1
2-Hexanone	ND	0.200	--	ND	0.820	--		1
Dibromochloromethane	ND	0.200	--	ND	1.70	--		1
1,2-Dibromoethane	ND	0.200	--	ND	1.54	--		1
Tetrachloroethene	0.444	0.200	--	3.01	1.36	--		1
Chlorobenzene	ND	0.200	--	ND	0.921	--		1
Ethylbenzene	ND	0.200	--	ND	0.869	--		1



Project Name: JMA ADDITIONAL INVESTIGATION**Lab Number:** L2332912**Project Number:** 059294**Report Date:** 06/27/23**SAMPLE RESULTS**

Lab ID: L2332912-12
 Client ID: SSV-06
 Sample Location: SYRACUSE, NY

Date Collected: 06/09/23 16:18
 Date Received: 06/09/23
 Field Prep: Not Specified

Sample Depth:

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

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	91		60-140
Bromochloromethane	92		60-140
chlorobenzene-d5	89		60-140



Project Name: JMA ADDITIONAL INVESTIGATION**Lab Number:** L2332912**Project Number:** 059294**Report Date:** 06/27/23

Method Blank Analysis Batch Quality Control

Analytical Method: 48,TO-15-SIM

Analytical Date: 06/21/23 15:35

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air by SIM - Mansfield Lab for sample(s): 01,03,05,07,09,11 Batch: WG1794405-4								
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1,1-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Carbon tetrachloride	ND	0.020	--	ND	0.126	--		1
Trichloroethene	ND	0.020	--	ND	0.107	--		1
Tetrachloroethene	ND	0.020	--	ND	0.136	--		1

Project Name: JMA ADDITIONAL INVESTIGATION**Lab Number:** L2332912**Project Number:** 059294**Report Date:** 06/27/23

Method Blank Analysis Batch Quality Control

Analytical Method: 48,TO-15

Analytical Date: 06/21/23 14:56

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab for sample(s): 01,03,05,07,09,11 Batch: WG1794408-4								
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: JMA ADDITIONAL INVESTIGATION**Lab Number:** L2332912**Project Number:** 059294**Report Date:** 06/27/23

Method Blank Analysis Batch Quality Control

Analytical Method: 48,TO-15

Analytical Date: 06/21/23 14:56

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab for sample(s): 01,03,05,07,09,11 Batch: WG1794408-4								
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: JMA ADDITIONAL INVESTIGATION**Lab Number:** L2332912**Project Number:** 059294**Report Date:** 06/27/23

Method Blank Analysis Batch Quality Control

Analytical Method: 48,TO-15

Analytical Date: 06/21/23 14:56

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab for sample(s): 01,03,05,07,09,11 Batch: WG1794408-4								
Bromoform	ND	0.200	--	ND	2.07	--		1
Styrene	ND	0.200	--	ND	0.852	--		1
1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
o-Xylene	ND	0.200	--	ND	0.869	--		1
4-Ethyltoluene	ND	0.200	--	ND	0.983	--		1
1,3,5-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
1,2,4-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1

Project Name: JMA ADDITIONAL INVESTIGATION**Lab Number:** L2332912**Project Number:** 059294**Report Date:** 06/27/23

Method Blank Analysis Batch Quality Control

Analytical Method: 48,TO-15

Analytical Date: 06/22/23 14:30

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab for sample(s): 01,03,05 Batch: WG1795016-4								
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: JMA ADDITIONAL INVESTIGATION**Lab Number:** L2332912**Project Number:** 059294**Report Date:** 06/27/23

Method Blank Analysis Batch Quality Control

Analytical Method: 48,TO-15

Analytical Date: 06/22/23 14:30

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab for sample(s): 01,03,05 Batch: WG1795016-4								
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: JMA ADDITIONAL INVESTIGATION**Lab Number:** L2332912**Project Number:** 059294**Report Date:** 06/27/23

Method Blank Analysis Batch Quality Control

Analytical Method: 48,TO-15

Analytical Date: 06/22/23 14:30

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab for sample(s): 01,03,05 Batch: WG1795016-4								
Bromoform	ND	0.200	--	ND	2.07	--		1
Styrene	ND	0.200	--	ND	0.852	--		1
1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
o-Xylene	ND	0.200	--	ND	0.869	--		1
4-Ethyltoluene	ND	0.200	--	ND	0.983	--		1
1,3,5-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
1,2,4-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1

Project Name: JMA ADDITIONAL INVESTIGATION**Lab Number:** L2332912**Project Number:** 059294**Report Date:** 06/27/23

Method Blank Analysis Batch Quality Control

Analytical Method: 48,TO-15

Analytical Date: 06/22/23 15:01

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab for sample(s): 02,04,06,08,10,12 Batch: WG1795023-4								
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: JMA ADDITIONAL INVESTIGATION**Lab Number:** L2332912**Project Number:** 059294**Report Date:** 06/27/23

Method Blank Analysis Batch Quality Control

Analytical Method: 48,TO-15

Analytical Date: 06/22/23 15:01

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab for sample(s): 02,04,06,08,10,12 Batch: WG1795023-4								
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: JMA ADDITIONAL INVESTIGATION**Lab Number:** L2332912**Project Number:** 059294**Report Date:** 06/27/23

Method Blank Analysis Batch Quality Control

Analytical Method: 48,TO-15

Analytical Date: 06/22/23 15:01

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab for sample(s): 02,04,06,08,10,12 Batch: WG1795023-4								
Bromoform	ND	0.200	--	ND	2.07	--		1
Styrene	ND	0.200	--	ND	0.852	--		1
1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
o-Xylene	ND	0.200	--	ND	0.869	--		1
4-Ethyltoluene	ND	0.200	--	ND	0.983	--		1
1,3,5-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
1,2,4-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1

Lab Control Sample Analysis **Batch Quality Control**

Project Name: JMA ADDITIONAL INVESTIGATION

Project Number: 059294

Lab Number: L2332912

Report Date: 06/27/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics in Air by SIM - Mansfield Lab Associated sample(s): 01,03,05,07,09,11 Batch: WG1794405-3								
Vinyl chloride	93		-		70-130	-		25
1,1-Dichloroethene	103		-		70-130	-		25
cis-1,2-Dichloroethene	93		-		70-130	-		25
1,1,1-Trichloroethane	78		-		70-130	-		25
Carbon tetrachloride	86		-		70-130	-		25
Trichloroethene	89		-		70-130	-		25
Tetrachloroethene	81		-		70-130	-		25

Lab Control Sample Analysis

Batch Quality Control

Project Name: JMA ADDITIONAL INVESTIGATION

Project Number: 059294

Lab Number: L2332912

Report Date: 06/27/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 01,03,05,07,09,11 Batch: WG1794408-3								
Dichlorodifluoromethane	90		-		70-130	-		
Chloromethane	82		-		70-130	-		
Freon-114	98		-		70-130	-		
Vinyl chloride	99		-		70-130	-		
1,3-Butadiene	92		-		70-130	-		
Bromomethane	99		-		70-130	-		
Chloroethane	103		-		70-130	-		
Ethanol	91		-		40-160	-		
Vinyl bromide	88		-		70-130	-		
Acetone	103		-		40-160	-		
Trichlorofluoromethane	96		-		70-130	-		
Isopropanol	88		-		40-160	-		
1,1-Dichloroethene	108		-		70-130	-		
Tertiary butyl Alcohol	101		-		70-130	-		
Methylene chloride	92		-		70-130	-		
3-Chloropropene	106		-		70-130	-		
Carbon disulfide	80		-		70-130	-		
Freon-113	87		-		70-130	-		
trans-1,2-Dichloroethene	99		-		70-130	-		
1,1-Dichloroethane	97		-		70-130	-		
Methyl tert butyl ether	90		-		70-130	-		
2-Butanone	90		-		70-130	-		
cis-1,2-Dichloroethene	102		-		70-130	-		

Lab Control Sample Analysis

Batch Quality Control

Project Name: JMA ADDITIONAL INVESTIGATION

Project Number: 059294

Lab Number: L2332912

Report Date: 06/27/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 01,03,05,07,09,11 Batch: WG1794408-3								
Ethyl Acetate	108		-		70-130	-		
Chloroform	100		-		70-130	-		
Tetrahydrofuran	90		-		70-130	-		
1,2-Dichloroethane	88		-		70-130	-		
n-Hexane	102		-		70-130	-		
1,1,1-Trichloroethane	83		-		70-130	-		
Benzene	93		-		70-130	-		
Carbon tetrachloride	91		-		70-130	-		
Cyclohexane	103		-		70-130	-		
1,2-Dichloropropane	92		-		70-130	-		
Bromodichloromethane	101		-		70-130	-		
1,4-Dioxane	98		-		70-130	-		
Trichloroethene	94		-		70-130	-		
2,2,4-Trimethylpentane	104		-		70-130	-		
Heptane	86		-		70-130	-		
cis-1,3-Dichloropropene	93		-		70-130	-		
4-Methyl-2-pentanone	88		-		70-130	-		
trans-1,3-Dichloropropene	88		-		70-130	-		
1,1,2-Trichloroethane	89		-		70-130	-		
Toluene	90		-		70-130	-		
2-Hexanone	87		-		70-130	-		
Dibromochloromethane	98		-		70-130	-		
1,2-Dibromoethane	93		-		70-130	-		

Lab Control Sample Analysis

Batch Quality Control

Project Name: JMA ADDITIONAL INVESTIGATION

Project Number: 059294

Lab Number: L2332912

Report Date: 06/27/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 01,03,05,07,09,11 Batch: WG1794408-3								
Tetrachloroethene	89		-		70-130	-		
Chlorobenzene	96		-		70-130	-		
Ethylbenzene	90		-		70-130	-		
p/m-Xylene	90		-		70-130	-		
Bromoform	103		-		70-130	-		
Styrene	96		-		70-130	-		
1,1,2,2-Tetrachloroethane	99		-		70-130	-		
o-Xylene	91		-		70-130	-		
4-Ethyltoluene	92		-		70-130	-		
1,3,5-Trimethylbenzene	98		-		70-130	-		
1,2,4-Trimethylbenzene	94		-		70-130	-		
Benzyl chloride	88		-		70-130	-		
1,3-Dichlorobenzene	92		-		70-130	-		
1,4-Dichlorobenzene	95		-		70-130	-		
1,2-Dichlorobenzene	93		-		70-130	-		
1,2,4-Trichlorobenzene	92		-		70-130	-		
Hexachlorobutadiene	83		-		70-130	-		

Lab Control Sample Analysis

Batch Quality Control

Project Name: JMA ADDITIONAL INVESTIGATION

Project Number: 059294

Lab Number: L2332912

Report Date: 06/27/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 01,03,05 Batch: WG1795016-3								
Dichlorodifluoromethane	96		-		70-130	-		
Chloromethane	81		-		70-130	-		
Freon-114	104		-		70-130	-		
Vinyl chloride	104		-		70-130	-		
1,3-Butadiene	94		-		70-130	-		
Bromomethane	104		-		70-130	-		
Chloroethane	107		-		70-130	-		
Ethanol	95		-		40-160	-		
Vinyl bromide	87		-		70-130	-		
Acetone	103		-		40-160	-		
Trichlorofluoromethane	97		-		70-130	-		
Isopropanol	85		-		40-160	-		
1,1-Dichloroethene	111		-		70-130	-		
Tertiary butyl Alcohol	102		-		70-130	-		
Methylene chloride	90		-		70-130	-		
3-Chloropropene	107		-		70-130	-		
Carbon disulfide	77		-		70-130	-		
Freon-113	85		-		70-130	-		
trans-1,2-Dichloroethene	94		-		70-130	-		
1,1-Dichloroethane	92		-		70-130	-		
Methyl tert butyl ether	89		-		70-130	-		
2-Butanone	86		-		70-130	-		
cis-1,2-Dichloroethene	97		-		70-130	-		

Lab Control Sample Analysis

Batch Quality Control

Project Name: JMA ADDITIONAL INVESTIGATION

Project Number: 059294

Lab Number: L2332912

Report Date: 06/27/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 01,03,05 Batch: WG1795016-3								
Ethyl Acetate	107		-		70-130	-		
Chloroform	98		-		70-130	-		
Tetrahydrofuran	86		-		70-130	-		
1,2-Dichloroethane	82		-		70-130	-		
n-Hexane	103		-		70-130	-		
1,1,1-Trichloroethane	79		-		70-130	-		
Benzene	94		-		70-130	-		
Carbon tetrachloride	86		-		70-130	-		
Cyclohexane	104		-		70-130	-		
1,2-Dichloropropane	90		-		70-130	-		
Bromodichloromethane	98		-		70-130	-		
1,4-Dioxane	94		-		70-130	-		
Trichloroethene	93		-		70-130	-		
2,2,4-Trimethylpentane	104		-		70-130	-		
Heptane	83		-		70-130	-		
cis-1,3-Dichloropropene	93		-		70-130	-		
4-Methyl-2-pentanone	84		-		70-130	-		
trans-1,3-Dichloropropene	86		-		70-130	-		
1,1,2-Trichloroethane	90		-		70-130	-		
Toluene	88		-		70-130	-		
2-Hexanone	83		-		70-130	-		
Dibromochloromethane	96		-		70-130	-		
1,2-Dibromoethane	94		-		70-130	-		

Lab Control Sample Analysis

Batch Quality Control

Project Name: JMA ADDITIONAL INVESTIGATION

Project Number: 059294

Lab Number: L2332912

Report Date: 06/27/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 01,03,05 Batch: WG1795016-3								
Tetrachloroethene	90		-		70-130	-		
Chlorobenzene	97		-		70-130	-		
Ethylbenzene	88		-		70-130	-		
p/m-Xylene	89		-		70-130	-		
Bromoform	104		-		70-130	-		
Styrene	96		-		70-130	-		
1,1,2,2-Tetrachloroethane	100		-		70-130	-		
o-Xylene	89		-		70-130	-		
4-Ethyltoluene	95		-		70-130	-		
1,3,5-Trimethylbenzene	88		-		70-130	-		
1,2,4-Trimethylbenzene	94		-		70-130	-		
Benzyl chloride	84		-		70-130	-		
1,3-Dichlorobenzene	94		-		70-130	-		
1,4-Dichlorobenzene	97		-		70-130	-		
1,2-Dichlorobenzene	92		-		70-130	-		
1,2,4-Trichlorobenzene	93		-		70-130	-		
Hexachlorobutadiene	83		-		70-130	-		

Lab Control Sample Analysis

Batch Quality Control

Project Name: JMA ADDITIONAL INVESTIGATION

Project Number: 059294

Lab Number: L2332912

Report Date: 06/27/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 02,04,06,08,10,12 Batch: WG1795023-3								
Dichlorodifluoromethane	92		-		70-130	-		
Chloromethane	89		-		70-130	-		
Freon-114	97		-		70-130	-		
Vinyl chloride	88		-		70-130	-		
1,3-Butadiene	88		-		70-130	-		
Bromomethane	98		-		70-130	-		
Chloroethane	88		-		70-130	-		
Ethanol	73		-		40-160	-		
Vinyl bromide	84		-		70-130	-		
Acetone	91		-		40-160	-		
Trichlorofluoromethane	93		-		70-130	-		
Isopropanol	87		-		40-160	-		
1,1-Dichloroethene	91		-		70-130	-		
Tertiary butyl Alcohol	86		-		70-130	-		
Methylene chloride	91		-		70-130	-		
3-Chloropropene	89		-		70-130	-		
Carbon disulfide	88		-		70-130	-		
Freon-113	93		-		70-130	-		
trans-1,2-Dichloroethene	86		-		70-130	-		
1,1-Dichloroethane	89		-		70-130	-		
Methyl tert butyl ether	94		-		70-130	-		
2-Butanone	93		-		70-130	-		
cis-1,2-Dichloroethene	92		-		70-130	-		

Lab Control Sample Analysis

Batch Quality Control

Project Name: JMA ADDITIONAL INVESTIGATION

Project Number: 059294

Lab Number: L2332912

Report Date: 06/27/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 02,04,06,08,10,12 Batch: WG1795023-3								
Ethyl Acetate	91		-		70-130	-		
Chloroform	101		-		70-130	-		
Tetrahydrofuran	90		-		70-130	-		
1,2-Dichloroethane	94		-		70-130	-		
n-Hexane	80		-		70-130	-		
1,1,1-Trichloroethane	88		-		70-130	-		
Benzene	86		-		70-130	-		
Carbon tetrachloride	98		-		70-130	-		
Cyclohexane	80		-		70-130	-		
1,2-Dichloropropane	86		-		70-130	-		
Bromodichloromethane	96		-		70-130	-		
1,4-Dioxane	90		-		70-130	-		
Trichloroethene	91		-		70-130	-		
2,2,4-Trimethylpentane	83		-		70-130	-		
Heptane	88		-		70-130	-		
cis-1,3-Dichloropropene	97		-		70-130	-		
4-Methyl-2-pentanone	102		-		70-130	-		
trans-1,3-Dichloropropene	86		-		70-130	-		
1,1,2-Trichloroethane	90		-		70-130	-		
Toluene	84		-		70-130	-		
2-Hexanone	88		-		70-130	-		
Dibromochloromethane	99		-		70-130	-		
1,2-Dibromoethane	94		-		70-130	-		

Lab Control Sample Analysis

Batch Quality Control

Project Name: JMA ADDITIONAL INVESTIGATION

Project Number: 059294

Lab Number: L2332912

Report Date: 06/27/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 02,04,06,08,10,12 Batch: WG1795023-3								
Tetrachloroethene	95		-		70-130	-		
Chlorobenzene	91		-		70-130	-		
Ethylbenzene	87		-		70-130	-		
p/m-Xylene	88		-		70-130	-		
Bromoform	99		-		70-130	-		
Styrene	90		-		70-130	-		
1,1,2,2-Tetrachloroethane	97		-		70-130	-		
o-Xylene	90		-		70-130	-		
4-Ethyltoluene	89		-		70-130	-		
1,3,5-Trimethylbenzene	88		-		70-130	-		
1,2,4-Trimethylbenzene	93		-		70-130	-		
Benzyl chloride	90		-		70-130	-		
1,3-Dichlorobenzene	91		-		70-130	-		
1,4-Dichlorobenzene	95		-		70-130	-		
1,2-Dichlorobenzene	97		-		70-130	-		
1,2,4-Trichlorobenzene	111		-		70-130	-		
Hexachlorobutadiene	105		-		70-130	-		

Project Name: JMA ADDITIONAL INVESTIGATION

Project Number: 059294

Lab Duplicate Analysis
Batch Quality Control

Lab Number: L2332912

Report Date: 06/27/23

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Volatile Organics in Air by SIM - Mansfield Lab Associated sample(s): 01,03,05,07,09,11 QC Batch ID: WG1794405-5 QC Sample: L2332912-05 Client ID: IA-03						
Vinyl chloride	ND	ND	ppbV	NC		25
1,1-Dichloroethene	ND	ND	ppbV	NC		25
cis-1,2-Dichloroethene	0.035	0.037	ppbV	6		25
1,1,1-Trichloroethane	ND	ND	ppbV	NC		25
Carbon tetrachloride	0.054	0.067	ppbV	21		25
Trichloroethene	0.125	0.123	ppbV	2		25
Tetrachloroethene	1.37	1.40	ppbV	2		25

Lab Duplicate Analysis Batch Quality Control

Project Name: JMA ADDITIONAL INVESTIGATION

Project Number: 059294

Lab Number: L2332912

Report Date: 06/27/23

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 01,03,05,07,09,11 QC Batch ID: WG1794408-5 QC Sample: L2332912-05 Client ID: IA-03						
Dichlorodifluoromethane	0.927	0.918	ppbV	1		25
Chloromethane	0.612	0.624	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	626E	640E	ppbV	2		25
Vinyl bromide	ND	ND	ppbV	NC		25
Acetone	472	476	ppbV	1		25
Trichlorofluoromethane	8.61	8.66	ppbV	1		25
Isopropanol	1.64	1.65	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	3.20	3.27	ppbV	2		25
Ethyl Acetate	ND	ND	ppbV	NC		25

Lab Duplicate Analysis Batch Quality Control

Project Name: JMA ADDITIONAL INVESTIGATION

Project Number: 059294

Lab Number: L2332912

Report Date: 06/27/23

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 01,03,05,07,09,11 QC Batch ID: WG1794408-5 QC Sample: L2332912-05 Client ID: IA-03						
Chloroform	ND	ND	ppbV	NC		25
Tetrahydrofuran	2.38	2.44	ppbV	2		25
1,2-Dichloroethane	ND	ND	ppbV	NC		25
n-Hexane	118E	120E	ppbV	2		25
Benzene	32.7	33.4	ppbV	2		25
Cyclohexane	37.4	37.9	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	55.5	56.2	ppbV	1		25
Heptane	37.0	37.7	ppbV	2		25
cis-1,3-Dichloropropene	ND	ND	ppbV	NC		25
4-Methyl-2-pentanone	1.44	1.58	ppbV	9		25
trans-1,3-Dichloropropene	ND	ND	ppbV	NC		25
1,1,2-Trichloroethane	ND	ND	ppbV	NC		25
Toluene	115E	115E	ppbV	0		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	12.6	12.7	ppbV	1		25

Lab Duplicate Analysis

Batch Quality Control

Project Name: JMA ADDITIONAL INVESTIGATION

Project Number: 059294

Lab Number: L2332912

Report Date: 06/27/23

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 01,03,05,07,09,11 QC Batch ID: WG1794408-5 QC Sample: L2332912-05 Client ID: IA-03						
p/m-Xylene	42.2	42.8	ppbV	1		25
Bromoform	ND	ND	ppbV	NC		25
Styrene	1.03	1.02	ppbV	1		25
1,1,2,2-Tetrachloroethane	ND	ND	ppbV	NC		25
o-Xylene	15.8	16.0	ppbV	1		25
4-Ethyltoluene	2.44	2.46	ppbV	1		25
1,3,5-Trimethylbenzene	2.55	2.57	ppbV	1		25
1,2,4-Trimethylbenzene	9.46	9.45	ppbV	0		25
Benzyl chloride	ND	ND	ppbV	NC		25
1,3-Dichlorobenzene	ND	ND	ppbV	NC		25
1,4-Dichlorobenzene	ND	ND	ppbV	NC		25
1,2-Dichlorobenzene	ND	ND	ppbV	NC		25
1,2,4-Trichlorobenzene	ND	ND	ppbV	NC		25
Hexachlorobutadiene	ND	ND	ppbV	NC		25

Project Name: JMA ADDITIONAL INVESTIGATION

Serial_No:06272317:33
Lab Number: L2332912

Project Number: 059294

Report Date: 06/27/23

Canister and Flow Controller Information

Samplenum	Client ID	Media ID	Media Type	Date Prepared	Bottle Order	Cleaning Batch ID	Can Leak Check	Initial Pressure (in. Hg)	Pressure on Receipt (in. Hg)	Flow Controller Leak Chk	Flow Out mL/min	Flow In mL/min	% RPD
L2332912-01	IA-01	01110	Flow 5	06/01/23	425795		-	-	-	Pass	4.5	4.2	7
L2332912-01	IA-01	2358	2.7L Can	06/01/23	425795	L2326898-02	Pass	-30.0	-5.5	-	-	-	-
L2332912-02	SSV-01	01710	Flow 4	06/01/23	425795		-	-	-	Pass	4.5	3.2	34
L2332912-02	SSV-01	2518	2.7L Can	06/01/23	425795	L2326898-02	Pass	-30.0	-6.6	-	-	-	-
L2332912-03	IA-02	0416	Flow 5	06/01/23	425795		-	-	-	Pass	4.5	4.0	12
L2332912-03	IA-02	446	2.7L Can	06/01/23	425795	L2327536-01	Pass	-29.4	-5.9	-	-	-	-
L2332912-04	SSV-02	01553	Flow 4	06/01/23	425795		-	-	-	Pass	4.5	4.5	0
L2332912-04	SSV-02	2215	2.7L Can	06/01/23	425795	L2327536-01	Pass	-30.0	-7.0	-	-	-	-
L2332912-05	IA-03	02275	Flow 5	06/01/23	425795		-	-	-	Pass	4.5	5.4	18
L2332912-05	IA-03	2794	2.7L Can	06/01/23	425795	L2326898-02	Pass	-30.0	-5.2	-	-	-	-
L2332912-06	SSV-03	01163	Flow 2	06/01/23	425795		-	-	-	Pass	4.5	1.4	105
L2332912-06	SSV-03	508	2.7L Can	06/01/23	425795	L2327536-01	Pass	-30.0	-5.3	-	-	-	-
L2332912-07	IA-04	02271	Flow 5	06/01/23	425795		-	-	-	Pass	4.5	4.6	2
L2332912-07	IA-04	3227	2.7L Can	06/01/23	425795	L2327536-01	Pass	-29.7	-7.9	-	-	-	-
L2332912-08	SSV-04	01948	Flow 4	06/01/23	425795		-	-	-	Pass	4.5	4.0	12

Project Name: JMA ADDITIONAL INVESTIGATION

Serial_No:06272317:33
Lab Number: L2332912

Project Number: 059294

Report Date: 06/27/23

Canister and Flow Controller Information

Samplenum	Client ID	Media ID	Media Type	Date Prepared	Bottle Order	Cleaning Batch ID	Can Leak Check	Initial Pressure (in. Hg)	Pressure on Receipt (in. Hg)	Flow Controller Leak Chk	Flow Out mL/min	Flow In mL/min	% RPD
L2332912-08	SSV-04	414	2.7L Can	06/01/23	425795	L2327536-01	Pass	-30.0	-6.9	-	-	-	-
L2332912-09	IA-05	01776	Flow 5	06/01/23	425795		-	-	-	Pass	4.5	4.6	2
L2332912-09	IA-05	2349	2.7L Can	06/01/23	425795	L2327536-01	Pass	-30.0	-6.9	-	-	-	-
L2332912-10	SSV-05	01651	Flow 4	06/01/23	425795		-	-	-	Pass	4.5	5.8	25
L2332912-10	SSV-05	2249	2.7L Can	06/01/23	425795	L2327536-01	Pass	-29.9	-5.8	-	-	-	-
L2332912-11	IA-06	0120	Flow 5	06/01/23	425795		-	-	-	Pass	4.5	5.0	11
L2332912-11	IA-06	376	2.7L Can	06/01/23	425795	L2327536-01	Pass	-30.0	-6.8	-	-	-	-
L2332912-12	SSV-06	0291	Flow 4	06/01/23	425795		-	-	-	Pass	4.5	0.1	191
L2332912-12	SSV-06	484	2.7L Can	06/01/23	425795	L2327536-01	Pass	-30.0	-6.8	-	-	-	-

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

Lab Number: L2326898
Report Date: 06/27/23

Air Canister Certification Results

Lab ID: L2326898-02
Client ID: CAN 1728 SHELF 9
Sample Location:

Date Collected: 05/15/23 16:00
Date Received: 05/16/23
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Analytical Method: 48,TO-15
Analytical Date: 05/16/23 17:51
Analyst: JMB

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
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: L2326898
Report Date: 06/27/23

Air Canister Certification Results

Lab ID: L2326898-02
Client ID: CAN 1728 SHELF 9
Sample Location:

Date Collected: 05/15/23 16:00
Date Received: 05/16/23
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
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: L2326898
Report Date: 06/27/23

Air Canister Certification Results

Lab ID: L2326898-02
Client ID: CAN 1728 SHELF 9
Sample Location:

Date Collected: 05/15/23 16:00
Date Received: 05/16/23
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
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: L2326898
Report Date: 06/27/23

Air Canister Certification Results

Lab ID: L2326898-02
Client ID: CAN 1728 SHELF 9
Sample Location:

Date Collected: 05/15/23 16:00
Date Received: 05/16/23
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
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**Lab Number:** L2326898**Project Number:** CANISTER QC BAT**Report Date:** 06/27/23**Air Canister Certification Results**

Lab ID: L2326898-02

Date Collected: 05/15/23 16:00

Client ID: CAN 1728 SHELF 9

Date Received: 05/16/23

Sample Location:

Field Prep: Not Specified

Sample Depth:

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

Results	Qualifier	Units	RDL	Dilution Factor
Tentatively Identified Compounds				
No Tentatively Identified Compounds				

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

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

Lab Number: L2326898
Report Date: 06/27/23

Air Canister Certification Results

Lab ID: L2326898-02
Client ID: CAN 1728 SHELF 9
Sample Location:

Date Collected: 05/15/23 16:00
Date Received: 05/16/23
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Analytical Method: 48,TO-15-SIM
Analytical Date: 05/16/23 17:51
Analyst: JMB

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
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: L2326898
Report Date: 06/27/23

Air Canister Certification Results

Lab ID: L2326898-02
Client ID: CAN 1728 SHELF 9
Sample Location:

Date Collected: 05/15/23 16:00
Date Received: 05/16/23
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
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
1,1,1,2,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
o-Xylene	ND	0.020	--	ND	0.087	--		1
Isopropylbenzene	ND	0.200	--	ND	0.983	--		1
4-Ethyltoluene	ND	0.020	--	ND	0.098	--		1
1,3,5-Trimethybenzene	ND	0.020	--	ND	0.098	--		1
1,2,4-Trimethylbenzene	ND	0.020	--	ND	0.098	--		1
Benzyl chloride	ND	0.100	--	ND	0.518	--		1
1,3-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
1,4-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1



Project Name: BATCH CANISTER CERTIFICATION**Lab Number:** L2326898**Project Number:** CANISTER QC BAT**Report Date:** 06/27/23**Air Canister Certification Results**

Lab ID: L2326898-02

Date Collected: 05/15/23 16:00

Client ID: CAN 1728 SHELF 9

Date Received: 05/16/23

Sample Location:

Field Prep: Not Specified

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
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	93		60-140
bromochloromethane	95		60-140
chlorobenzene-d5	97		60-140

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

Lab Number: L2327536
Report Date: 06/27/23

Air Canister Certification Results

Lab ID: L2327536-01
Client ID: CAN 3401 SHELF 7
Sample Location:

Date Collected: 05/17/23 18:00
Date Received: 05/18/23
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Analytical Method: 48,TO-15
Analytical Date: 05/20/23 17:22
Analyst: RAY

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
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: L2327536
Report Date: 06/27/23

Air Canister Certification Results

Lab ID: L2327536-01
Client ID: CAN 3401 SHELF 7
Sample Location:

Date Collected: 05/17/23 18:00
Date Received: 05/18/23
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
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: L2327536
Report Date: 06/27/23

Air Canister Certification Results

Lab ID: L2327536-01
Client ID: CAN 3401 SHELF 7
Sample Location:

Date Collected: 05/17/23 18:00
Date Received: 05/18/23
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
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: L2327536
Report Date: 06/27/23

Air Canister Certification Results

Lab ID: L2327536-01
Client ID: CAN 3401 SHELF 7
Sample Location:

Date Collected: 05/17/23 18:00
Date Received: 05/18/23
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
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**Lab Number:** L2327536**Project Number:** CANISTER QC BAT**Report Date:** 06/27/23**Air Canister Certification Results**

Lab ID: L2327536-01

Date Collected: 05/17/23 18:00

Client ID: CAN 3401 SHELF 7

Date Received: 05/18/23

Sample Location:

Field Prep: Not Specified

Sample Depth:

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

Results	Qualifier	Units	RDL	Dilution Factor
Tentatively Identified Compounds				
No Tentatively Identified Compounds				

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

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

Lab Number: L2327536
Report Date: 06/27/23

Air Canister Certification Results

Lab ID: L2327536-01
Client ID: CAN 3401 SHELF 7
Sample Location:

Date Collected: 05/17/23 18:00
Date Received: 05/18/23
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Analytical Method: 48,TO-15-SIM
Analytical Date: 05/20/23 17:22
Analyst: RAY

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
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: L2327536
Report Date: 06/27/23

Air Canister Certification Results

Lab ID: L2327536-01
Client ID: CAN 3401 SHELF 7
Sample Location:

Date Collected: 05/17/23 18:00
Date Received: 05/18/23
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
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
1,1,1,2,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
o-Xylene	ND	0.020	--	ND	0.087	--		1
Isopropylbenzene	ND	0.200	--	ND	0.983	--		1
4-Ethyltoluene	ND	0.020	--	ND	0.098	--		1
1,3,5-Trimethybenzene	ND	0.020	--	ND	0.098	--		1
1,2,4-Trimethylbenzene	ND	0.020	--	ND	0.098	--		1
Benzyl chloride	ND	0.100	--	ND	0.518	--		1
1,3-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
1,4-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1



Project Name: BATCH CANISTER CERTIFICATION**Lab Number:** L2327536**Project Number:** CANISTER QC BAT**Report Date:** 06/27/23**Air Canister Certification Results****Lab ID:** L2327536-01**Date Collected:** 05/17/23 18:00**Client ID:** CAN 3401 SHELF 7**Date Received:** 05/18/23**Sample Location:****Field Prep:** Not Specified**Sample Depth:**

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

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

Project Name: JMA ADDITIONAL INVESTIGATION**Lab Number:** L2332912**Project Number:** 059294**Report Date:** 06/27/23**Sample Receipt and Container Information**

Were project specific reporting limits specified?

YES

Cooler Information**Cooler** **Custody Seal**

NA Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2332912-01A	Canister - 2.7 Liter	NA	NA			Y	Absent		TO15-LL(30),TO15-SIM(30)
L2332912-02A	Canister - 2.7 Liter	NA	NA			Y	Absent		TO15-LL(30)
L2332912-03A	Canister - 2.7 Liter	NA	NA			Y	Absent		TO15-SIM(30),TO15-LL(30)
L2332912-04A	Canister - 2.7 Liter	NA	NA			Y	Absent		TO15-LL(30)
L2332912-05A	Canister - 2.7 Liter	NA	NA			Y	Absent		TO15-SIM(30),TO15-LL(30)
L2332912-06A	Canister - 2.7 Liter	NA	NA			Y	Absent		TO15-LL(30)
L2332912-07A	Canister - 2.7 Liter	NA	NA			Y	Absent		TO15-SIM(30),TO15-LL(30)
L2332912-08A	Canister - 2.7 Liter	NA	NA			Y	Absent		TO15-LL(30)
L2332912-09A	Canister - 2.7 Liter	NA	NA			Y	Absent		TO15-SIM(30),TO15-LL(30)
L2332912-10A	Canister - 2.7 Liter	NA	NA			Y	Absent		TO15-LL(30)
L2332912-11A	Canister - 2.7 Liter	NA	NA			Y	Absent		TO15-SIM(30),TO15-LL(30)
L2332912-12A	Canister - 2.7 Liter	NA	NA			Y	Absent		TO15-LL(30)

Project Name: JMA ADDITIONAL INVESTIGATION
Project Number: 059294

Lab Number: L2332912
Report Date: 06/27/23

GLOSSARY

Acronyms

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

Report Format: Data Usability Report



Project Name: JMA ADDITIONAL INVESTIGATION
Project Number: 059294

Lab Number: L2332912
Report Date: 06/27/23

Footnotes

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

Terms

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

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

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

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

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

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

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

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

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

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

Data Qualifiers

- A** - Spectra identified as "Aldol Condensates" are byproducts of the extraction/concentration procedures when acetone is introduced in the process.
- B** - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).
- C** - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.
- D** - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.
- E** - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.
- F** - The ratio of quantifier ion response to qualifier ion response falls outside of the laboratory criteria. Results are considered to be an estimated maximum concentration.
- G** - The concentration may be biased high due to matrix interferences (i.e. co-elution) with non-target compound(s). The result should be considered estimated.
- H** - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.
- I** - The lower value for the two columns has been reported due to obvious interference.
- J** - Estimated value. This represents an estimated concentration for Tentatively Identified Compounds (TICs).
- M** - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.

Report Format: Data Usability Report



Project Name: JMA ADDITIONAL INVESTIGATION
Project Number: 059294

Lab Number: L2332912
Report Date: 06/27/23

Data Qualifiers

- ND** - Not detected at the reporting limit (RL) for the sample.
- NJ** - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.
- P** - The RPD between the results for the two columns exceeds the method-specified criteria.
- Q** - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)
- R** - Analytical results are from sample re-analysis.
- RE** - Analytical results are from sample re-extraction.
- S** - Analytical results are from modified screening analysis.
- V** - The surrogate associated with this target analyte has a recovery outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)
- Z** - The batch matrix spike and/or duplicate associated with this target analyte has a recovery/RPD outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Project Name: JMA ADDITIONAL INVESTIGATION
Project Number: 059294

Lab Number: L2332912
Report Date: 06/27/23

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.



Alpha Analytical, Inc.Facility: **Company-wide**Department: **Quality Assurance**Title: **Certificate/Approval Program Summary**ID No.: **17873**

Revision 20

Published Date: 6/16/2023 4:52:28 PM

Page 1 of 1

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, Azobenzene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.**EPA 8270E:** NPW: Dimethylnaphthalene, 1,4-Diphenylhydrazine, alpha-Terpineol; SCM: Dimethylnaphthalene, 1,4-Diphenylhydrazine.**SM4500:** NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO₂, NO₃.**Mansfield Facility****SM 2540D:** TSS.**EPA TO-15:** Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene,

3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.

Biological Tissue Matrix: EPA 3050B

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

Westborough Facility:**Drinking Water****EPA 300.0:** Chloride, Nitrate-N, Fluoride, Sulfate; **EPA 353.2:** Nitrate-N, Nitrite-N; **SM4500NO3-F:** Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE,****EPA 180.1, SM2130B, SM4500Cl-D, SM2320B, SM2540C, SM4500H-B, SM4500NO2-B****EPA 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, SM9221E, EPA 1600, EPA 1603, SM9222D.****Mansfield Facility:****Drinking Water****EPA 200.7:** Al, Ba, Cd, Cr, Cu, Fe, Mn, Ni, Na, Ag, Ca, Zn. **EPA 200.8:** Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn. **EPA 245.1 Hg.****EPA 522, EPA 537.1.****Non-Potable Water****EPA 200.7:** Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.**EPA 200.8:** Al, Sb, As, Be, Cd, Cr, Cu, Fe, Pb, Mn, Ni, K, Se, Ag, Na, TL, Zn.**EPA 245.1 Hg.****SM2340B**

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



AIR ANALYSIS

CHAIN OF CUSTODY

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
Phone: 315-257-7250

Fax:
Email: kehmann@chacompanies.com

☐ These samples have been previously analyzed by Alpha

Other Project Specific Requirements/Comments:

Project-Specific Target Compound List: ☐

Project Information

Project Name: JMA Additional Investigation
Project Location: Syracuse, NY
Project #: 059294
Project Manager: Sam Miller
ALPHA Quote #:

Turn-Around Time

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

Date Due:

Time:

Date Rec'd in Lab: 6/10/23

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)

ALPHA Job #: L2332912

Billing Information

☒ Same as Client info PO #:

Regulatory Requirements/Report Limits

State/Fed Program Res / Comm

ANALYSIS

☐ TO-15
☐ TO-15 SIM
☐ APH
☐ Fixed Gases
☐ Sulfides & Mercaptans by TO-15

All Columns Below Must Be Filled Out

ALPHA Lab ID (Lab Use Only)	Sample ID	COLLECTION						Sample Matrix*	Sampler's Initials	Can Size	I D Can	I D - Flow Controller	TO-15	TO-15 SIM	APH	Fixed Gases	Sulfides & Mercaptans	Sample Comments (i.e. PID)
		End Date	Start Time	End Time	Initial Vacuum	Final Vacuum												
32912-01	IA-01	6-9-23	7:26	15:28	-29.39	-5.36	AA	AH	2.7	2358	01110	X						
02	SSV-01		7:29	15:34	-29.54	-6.12	SV	AH	2.7	2518	01710							
03	IA-02		7:34	15:35	-29.17	-5.73	AA	AH	2.7	446	0416							
04	SSV-02		7:40	15:46	-29.81	-6.11	SV	AH	2.7	2215	01553							
05	IA-03		7:45	13:28	-29.38	-5.04	AA	AH	2.7	2794	02275							
06	SSV-03		7:49	15:39	-30.03	-6.51	SV	AH	2.7	508	01163							
07	IA-04		8:07	-28.85	16:07	-4.39	AA	AH	2.7	3227	02271							
08	SSV-04		8:15	16:10	-29.33	-5.45	SV	AH	2.7	414	01948							
09	IA-05		8:21	15:12	-29.41	-6.30	AA	AH	2.7	2349	01776							
10	SSV-05		8:26	14:15	-29.47	-6.44	SV	AH	2.7	2249	01651							

*SAMPLE MATRIX CODES

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

Container Type

Summa
Cannisters

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

Relinquished By:

Date/Time

Received By:

Date/Time:

Andrew Hodgson
#Secure Storage
Jmy
(12/6/12/23 KAD)

6-9-23 1738
6/9/23 18:55
6/9/23

AM Secure Storage
Jmy Long
6/9/23

6/9/23 15:38
6/9/23 18:55
6/10/23 0000
6/10/23 0650

