Periodic Review Report 2025

Robintech/Compudyne, Inc.

NYSDEC Site No.: 754007

PREPARED FOR
Robintech/Compudyne, Inc.

DATE
20 February 2026

REFERENCE
NYSDEC Site No.: 754007

SIGNATURE PAGE

Periodic Review Report 20255

Robintech/Compudyne, Inc.

NYSDEC Site No.: 754007

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EXECUTIVE SUMMARY

The Robintech/Compudyne site is located at 1200 Taylor Road in the Town of Owego, Tioga County, New York (the “Site”) and is Site No. 754007. The site occupies a property of approximately 17.3 acres, bordered to the south by a municipal sewage treatment plant and to the east by Barnes Creek. The site is located approximately one-half mile north of NY Route 17, and NY Route 17C. A wetland is located south of the site, and the Susquehanna River is located approximately one-half mile south of the site.

A Record of Decision (ROD) was issued by New York State Department of Environmental Conservation (NYSDEC) for the Site in March 1995; the potential source area for hazardous waste in the subsurface is a former Robintech chemical storage area now located under the historical “clean room” of the Main Building. The source area contains soil, groundwater and soil gas impacted by chlorinated ethenes, chlorinated ethanes, and minor concentrations of petroleum hydrocarbons, including benzene, toluene, ethyl-benzene and xylene (BTEX; VOC). A dissolved-phase plume emanates from the area and flows generally to the south-southwest.

A pump and treat (P&T) system was installed and has been in operation since 1993, which is effectively achieving the goal of removing VOC mass. Additional work was completed in 2021 and 2022 to evaluate the effectiveness of hydraulically controlling the VOCs dissolved phase plume. A long-term groundwater monitoring program was initiated at the Site on 16 April 1997 pursuant to a NYSDEC approved Performance Monitoring Program (PMP). Monitoring reports are submitted to the NYSDEC and New York State Department of Health (NYSDOH; the Regulators) on a semi-annual basis.

At the request of the Regulators, an indoor air and sub-slab soil vapor evaluation was completed in 2004. The results indicated there was not an indoor air issue at the Site; however, there were elevated concentrations of VOCs in the sub-slab soil gas. As a result, in May 2005, a sub-slab depressurization system was installed to minimize potential vapor intrusion proximal to the source area. The system has been operated by Sanmina since the installation. The NYSDEC requested an evaluation of the effectiveness of the sub-slab depressurization system (SSDS) in October 2018. A corrective action work plan was approved in December 2018. The SSDS was evaluated in February 2019 and the results showed the SSDS is depressurizing a portion of the building and has reduced the potential for vapor intrusion. In addition, indoor air monitoring in the depressurized portion of the building shows there were no exceedances of the NYSDOH guidance values for indoor air. Routine monitoring of the SSDS has been completed on a monthly basis up to the shutdown of the SSDS in April 2025 during the demolition of the former chemical storage/clean room in preparation for the interim remedial measure (IRM) of the source area.

The current owner, Sanmina Corporation (Sanmina), is in general compliance with the ROD. The engineering control requirements for the Site have been modified based on written approval from the NYSDEC, which includes shut down of the SSDS and removal of two recovery wells (RW-4 and RW-5) to facilitate the IRM. These changes reflect updates to the implemented controls; however, the ROD and PMP have not been formally amended.

There is currently no Site Management Plan (SMP) in place at the Site. After a review of the 2021 investigation preliminary data, the NYSDEC and NYSDOH requested additional investigation.

Further investigation was completed in 2022 to minimize data gaps and better facilitate a review of the current remedy. On behalf of Sanmina, ERM Consulting and Engineering, Inc. (ERM) recommends preparation of the SMP to occur after Sanmina has completed closure activities and implementation and post construction performance monitoring for the IRM, which includes alternate site management strategies to those presented in the ROD. The source area IRM was approved by the NYSDEC on 16 July 2024, construction was completed in 2025, and the remedial work is currently in the post construction groundwater monitoring phase.

As requested by the NYSDEC, a Site Management Periodic Review Report (PRR) will be submitted every year with the next PRR due 30 December 2026.

INTRODUCTION

On behalf of Sanmina Corporation (Sanmina), ERM Consulting and Engineering, Inc. (ERM) has prepared this Period Review Report (PRR) as required by the New York State Department of Environmental Conservation (NYSDEC). This PRR documents the implementation of, and compliance with a site in active Site Management as required by Section 6.3(b) of Division Environmental Remediation (DER) Technical Guidance for Site Investigation and Remediation (DER-10). The PRR Certification of Institutional Controls/ Engineering Controls (IC/ECs) are presented as Appendix A.

1.1 SITE OVERVIEW

The former Robintech/Compudyne, Inc. Site (the Site) is located at 1200 Taylor Road in the Town of Owego, New York. The Site is listed as a Class 2 Inactive Hazardous Waste Storage Site by the NYSDEC. The Site is located approximately 0.5-miles east of the village of Owego, New York. A site location and layout map is provided in Figure 1.

The Site was used to manufacture custom computer circuit boards for the commercial and industrial products industries. Manufacturing operations included machining and fabrication, limited grinding, de-burring, testing, cleaning, lubricating, and assembly. Similar operations were performed at this facility from approximately 1975 through the end of 2018, when manufacturing operations at the Site were discontinued. Robintech expanded the facility in 1975 and again in 1977. The Robintech facility and the original 3.6-acre parcel of land it occupied were purchased by Hadco in 1979. The size of the site was increased to its current size of 17.3 acres through the purchase of two adjacent parcels of land in 1981 (4.5 acres) and in 1984 (9.2 acres). Hadco expanded the facility five times, including two expansions in 1983, and additions in 1984, 1985 and the most recent in 1988. A separate building was also constructed south of the main facility to house an on-site biological wastewater treatment system.

The Site is located in a mixed-use area with a combination of commercial, industrial, and residential properties nearby. Portions of the Site not covered by structures include paved parking areas, open grass and landscaped areas. The Site slopes moderately towards the south. The Site consists of approximately 17.3-acres of land, bordered to the south by a municipal sewage treatment plant, to the east by Barnes Creek and a Lockheed Martin facility (formerly leased by IBM) NYSDEC Site Number 754006 (Class 4), in addition, the Broadway Complex (formerly leased by IBM Corporation (IBM)), NYSDEC Site Number 754013 (Class N) is located east and adjacent to the Site. The Site is bordered to the north by Tioga County Route 20 (Taylor Road) and property used by ACHIEVE! (Formerly Broome Tioga ARC), land adjacent and to the west is undeveloped, land further to the west was formerly a car dealership and garage. The Susquehanna River is located approximately one-half mile to the south.

1.2 PROJECT BACKGROUND

As presented in the Record of Decision (ROD) issued by NYSDEC in March 1995, the source area for hazardous waste in the subsurface is a former Robintech chemical storage area located under the historical “clean room” of the Main Building.

A groundwater monitoring program was initiated at the site on 16 April 1997 pursuant to a NYSDEC approved Performance Monitoring Program (PMP). As a result of groundwater analytical data obtained during monitoring, ERM installed a pump and treat (P&T) system at the site on behalf of Sanmina. The P&T system is operated and maintained by Sanmina personnel. The P&T system was designed to hydraulically control migration of VOCs that are present in groundwater at the Site. This system has been in operation since 1993 and was modified as prescribed by the ROD in 1997. Groundwater was historically extracted from three pumping wells (RW-3, RW-4 and RW-6), treated onsite using aeration methods to strip contaminants and the effluent is discharged to the Town of Owego's Publicly Owned Treatment Works (POTW). In March 2025, RW-4 was abandoned as a part of interim remedial measure (IRM) activities. The groundwater treatment system continues to operate with influent groundwater from RW-3 and RW-6.

In addition, recovery well RW-5 and monitoring wells MW-19 and MW-23 were decommissioned in preparation for the IRM. However, it is noted that RW-5 had historically not been used for groundwater recovery. A review of project records indicated that following the installation and development of RW-4 and RW-5 in 1996, step-drawdown tests were completed. The step test results indicated significantly lower than expected yield in the source area (RW-4 and RW-5) than those estimated in the Focused Feasibility Study submitted in July 1994 and Work Plan submitted in November 1996. Pumping from RW-3 has been ongoing since October 1993 and pumping from RW-4 and RW-6 began in April 1997. Based on the First-Year Annual Performance Monitoring Report dated 19 October 1998 and subsequent PMP reporting, there was limited yield from RW-4 and iterative pumping from RW-5 was not initiated. The P&T System operated using three recovery wells, with VOC mass from within the source area managed through groundwater recovery from RW-4 from start up through well decommissioning in March 2025.

ERM's review of the treatment performance indicates that the P&T system approach is withdrawing VOC mass from the subsurface and influences an area sufficient to minimize migration; however, the NYSDEC requested that further work be completed in 2021 to evaluate hydraulic containment. Due to the low solubility of the contaminants and the presence of a residual source, the P&T system will operate into the indefinite future unless alternative site management strategies are implemented.

The NYSDEC requested a soil vapor intrusion evaluation at the Site in 2004. In December 2004, ERM collected indoor air and sub-slab soil vapor samples in the Main Building and the Broadway Building. Results of this sampling event were presented to the NYSDEC and New York State Department of Health (NYSDOH; Regulators) in a Sampling Report dated 9 May 2005. Based on the results of the December 2004 sampling event, ERM installed a sub-slab depressurization system (SSDS) in May 2005. The purpose of the SSDS was to create and maintain a vacuum beneath the buildings where high concentrations of VOCs were identified in soil and groundwater. The SSDS was decommissioned as part of the 2025 IRM activities.

Site contaminants present in groundwater include trichloroethylene (TCE), perchloroethylene (PCE), dichloroethylene isomers (DCE) and vinyl chloride (VC). There are minor concentrations of trichloroethane (TCA) and dichloroethane (DCA) present. Also, minor concentrations of petroleum hydrocarbons, including benzene, toluene, ethyl-benzene and xylene (BTEX), have been detected.

1.3 REMEDIAL OBJECTIVES

The remedial action objectives (RAOs) selected for the Site are:

- Reduce, control, or eliminate the contamination present within the soils on site.
- Mitigate the impacts of contaminated groundwater to the environment.
- Prevent, to the extent possible, migration of contaminants in the soil to the groundwater.
- Provide for attainment of SCGs for groundwater quality at the limits of the area of concern (AOC).
- Minimize the potential for soil vapor intrusion to cause elevated chlorinated VOC concentrations in indoor air.

2. INSTITUTIONAL AND ENGINEERING CONTROLS

IC/ECs as described in DER 10 states that “the oversight steps and any other media-specific requirements necessary to assure the institutional and/or engineering controls required by the decision document for the Site remain in place and effective”. The ROD establishes the following ICs which are required for the Site: (1) implement, maintain and monitor EC systems (i.e. P&T system and SSDS); and, (2) prevent future exposure to remaining contamination by controlling disturbances of the subsurface contamination. In addition, the Site is zoned for industrial use, which limits usage of the property, development of the Site, and limits access to the Site to workers or occasional visitors.

The ECs for the Site include the operation of the P&T system and SSDS. The P&T system has been operated and maintained by Sanmina; ERM has prepared and submitted monitoring reports since the installation. Monitoring includes the sampling of recovery well and total system influent. Broadly, the P&T system is meeting its intended goals of removal of VOC mass from the Site; however, the NYSDEC in a letter dated 24 August 2020 stated further investigation/ evaluation of the remedy is necessary to further characterize the extent of contamination and to verify hydraulic control at the site. An investigation was initiated in 2021; with further characterization completed in 2022 as requested by the regulators to minimize data gaps.

The ECs were modified with NYSDEC permission via an email dated 26 February 2025. The modifications allowed for the shutdown of the SSDS and the removal of RW-4 from the groundwater pump & treat system. These modifications were necessary for the implementation of the NYSDEC-approved IRM of the former Robintech chemical storage area located under the historical “clean room” of the Main Building. The SSDS had been operated and maintained by Sanmina from the time it was installed up through its shutdown in April 2025. The former “clean room” was demolished to allow access to the underlying source area; this portion of the building included transmission piping to the several of the suction points which included Well 2, Well 3, Well 4, and Well 5.

Prior to the shutdown on 9 April 2025, the SSDS was alarmed to notify Sanmina, if/when a blower goes down. The monitoring/data collection on the effectiveness of the SSDS had been completed on a monthly basis. Data collected in the first four months of this monitoring period are summarized in Table 1. The location of the SSDS monitoring locations is provided in Figure 2. These data show there is vacuum/ negative pressure under a portion of the building and indoor air analytical data confirm VOC detected in the indoor air are below NYSDOH’s guidelines. The SSDS

was reducing the potential for vapor intrusion from sub-slab VOC soil gas by applying a negative pressure under portions of the slab. It should also be noted that this portion of the building is infrequently occupied, with site personnel and/or site visitors only passing through the area, since Sanmina ceased operations at the facility in 2018.

The responsible party is required to prepare and submit PRP Certification of IC/ECs every year. The Certification of IC/ECs for November 30, 2024 through November 30, 2025 is included as Appendix A.

3. DESIGN AND IMPLEMENTATION OF INTERIM REMEDIAL MEASURE

Sanmina removed the operations being conducted in the “clean room”/ photo room in 2016, which allowed for further evaluation of the underlying Source Area with minimum disruption to Site operations. The NYSDEC requested an additional investigation, which was completed in 2022- including soil borings and the installation of new monitoring wells both upgradient, downgradient, and side gradient of the Source Area. An investigation report was submitted to the NYSDEC 28 February 2023 and was approved by the NYSDEC in a letter dated 5 May 2023. These data helped to further define the extent of the Source Area. An IRM Work Plan was prepared to address the known grossly contaminated media/source area in the subsurface under the former “clean room”/photo rooms within the main building at the Site. The Work Plan was submitted on behalf Sanmina on 7 June 2024 and the NYSDEC accepted the proposed IRM approach in a letter dated 16 July 2024.

The IRM was implemented in 2025 which utilized excavation and sequential targeting of the Source Area with In Situ Chemical Reduction (ISCR) with scale zero valence iron (ZVI) followed by in-situ solidification/stabilization (ISS) with Portland cement. Monitoring wells MW-105, MW-106 and MW-108 are located hydraulically downgradient of the excavation/ treatment footprint and will be utilized to monitor the plume emanating from the former Source Area. A construction completion report is being prepared to document the IRM activities and will be submitted within the next PRR monitoring period.

4. MONITORING PLAN

Ground water samples and static groundwater elevation data have been collected on a semi-annual basis in accordance with the NYSDEC-approved PMP dated 21 February 1997 and has continued through the October 2025 sampling event. The results of the PMP sampling events during this period are summarized in reports that were submitted to the Regulators on 12 June 2025 and 25 November 2025, respectively. In addition, this report analyzes the monitoring of groundwater quality changes through time and summarizes the performance of the groundwater P&T system. The 2025 PMP summary reports are included as Appendix B. Monitoring and recovery wells MW-19, MW-23, RW-4, and RW-5 in the PMP well network were decommissioned during the IRM.

Supplemental to the PMP and a post-remediation monitoring component of the IRM, the first performance monitoring groundwater samples were collected from immediate downgradient wells MW-105, MW-106, and MW-108 on 23 October 2025. Total VOC concentrations dropped 61% at

MW-105 and 45% at MW-108, with TCE concentrations dropping 63% at MW-105 and 43% at MW-108. Concentrations were slightly up at MW-106; however, concentrations were 2-3 orders of magnitude lower at this location compared to MW-105 and MW-108 in 2021. PCBs have not been detected in these wells historically, or in 2025. Results of the post IRM monitoring are included in Table 2.

The SSDS objective was to maintain a negative pressure/vacuum beneath the buildings throughout all operating conditions. Sanmina ensured the blower/the vacuum pumps were running and functioning. Sanmina inspected and completed general maintenance on the blower/the vacuum pump. Monitoring of the vacuum at the SSDS suction points and vacuum monitoring points have been measured on a monthly basis up until the SSDS shutdown in April 2025; a summary of the measurements from December 2024 to March 2025 are included in Table 1.

5. EVALUATION OF REMEDY PERFORMANCE, EFFECTIVENESS AND PROTECTIVENESS

The restricted access and land usage as an industrial Site (ICs) and EC are effective protections for Site workers and the occasional Site visitors.

Long-term groundwater monitoring has continued to be performed at the Site since the implementation of the NYSDEC-approved PMP in 1997. The P&T System is withdrawing VOC mass and is working as designed to remediate the dissolved-phase plume. Data collected during the 2021 and 2022 investigations has shown the P&T System does not fully contain the dissolved-phase plume on Site. The SSDS is reducing the potential for vapor intrusion, through partial depressurization of the facility slab.

The ECs are effective in reducing potential exposure to VOCs and is protective of human health and the environment. Data from the IRM indicates that the majority of the impacts within the source area have been destroyed or immobilized. However, the dissolved phase plume and VOC impacted soil under the Broadway Building and minimal, inaccessible source material that remained along the edges of IRM treatment area will remain a source to groundwater and soil gas. Due to the low solubility of the contaminants and location, the remaining source area will be an ongoing potential exposure pathway until it is significantly reduced. Preliminary post-remediation groundwater monitoring results indicate a significant decrease in VOC concentrations hydrogeologically downgradient of the IRM area, which will likely continue given that most of the source material has been effectively treated and minimizes ongoing mass transfer. The operation and monitoring of the current ECs will need to continue into the foreseeable future. Performance monitoring is currently being performed to assess the remaining impacts downgradient of the source area.

6. OPERATION AND MAINTENANCE COMPLIANCE

Sanmina has been compliant with the P&T System operation and maintenance (O&M). The system has been running efficiently; however, the pumps in RW-4 and RW-5 have been removed and the recovery wells decommissioned as part of the NYSDEC-approved IRM. The P&T System continues to operate extracting groundwater from two recovery wells.

Sanmina has performed general O&M on the SSDS blower/vacuum pump up to the shutdown on 9 April 2025 in preparation for a partial building demolish in preparation for the IRM. The SSDS System is equipped with an alarm which notifies the security office in the event of a shutdown. There have been no extended shutdowns or significant maintenance issues with the SSDS within the first four months of operation within this monitoring period prior to the NYSDEC-approved shutdown. O&M and monitoring (O, M&M) of the SSDS has been completed in compliance with the revised O, M&M Plan dated December 2017. The NYSDEC requested an evaluation of the SSDS to confirm the effectiveness of the system. A SSDS Corrective Measure Plan was submitted to the NYSDEC and was accepted with modification on 6 December 2018. The evaluation of the SSDS was completed on 6 and 7 February 2019. Testing was completed in February 2019, which included an evaluation of existing vacuum monitoring points, an evaluation of vacuum measurement techniques, replacement of vacuum monitoring points, and sampling of indoor air for VOC.

Based on the results of the SSDS evaluation, the vacuum distribution under the slab of the Main Building is sufficient to minimize the potential for vapor intrusion. Vacuum measurements in the northwest corner of the Broadway Building suggest the SSDS is not effectively applying vacuum in this area. However, the historical analytical data from the indoor air sampling shows all VOC concentrations within this portion of the building are below the NYSDOH's guidelines. Based on the analytical data, the SSDS and competency of the building's concrete slab were effectively minimizing the potential risk of vapor intrusion prior to the SSDS shutdown to address the source material during the IRM.

Operations at the Owego Facility have been discontinued and occupancy of the building has been greatly reduced. Sanmina personnel and subcontractors continue closure operations; however, occupancy of the portion of the building where the SSDS formerly operated is infrequent. In addition, the source material has been significantly reduced through ISCR, and the residual VOC mass remaining in the source area has been effectively stabilized within the cement-amended soil matrix. The portion of the building demolished to provide access for the IRM activities will not be reconstructed. As a result, the potential for soil vapor intrusion over the former source area has been effectively eliminated due to both the significant reduction and stabilization of VOC mass and the absence of any building structure that could be impacted by vapors from the former source area. There remains potential for soil vapor intrusion within the Broadway Building; however, the competency of the building's concrete slab and infrequent occupancy minimize potential exposure risk. As outlined in the NYSDEC-approved IRM Work Plan, the SSDS will remain off unless there is a change in the building's use or occupancy, at which point its necessity will be reassessed in consultation with the NYSDEC and NYSDOH.

7. RECOMMENDATIONS AND CONCLUSIONS

The ongoing remedial actions at the Site and IC/ECs are effectively managing potential exposure scenarios. Sanmina will continue O&M of the P&T system, which is effectively removing VOC mass from the dissolved-phase plume. Sanmina had been operating the SSDS which was depressurizing a portion of the sub-slab prior to the IRM and reducing potential exposure through vapor intrusion. The effectiveness of the SSDS was confirmed with the evaluation completed in February 2019. Concurrent with the initiation of the IRM, SSDS operations and monitoring were paused and

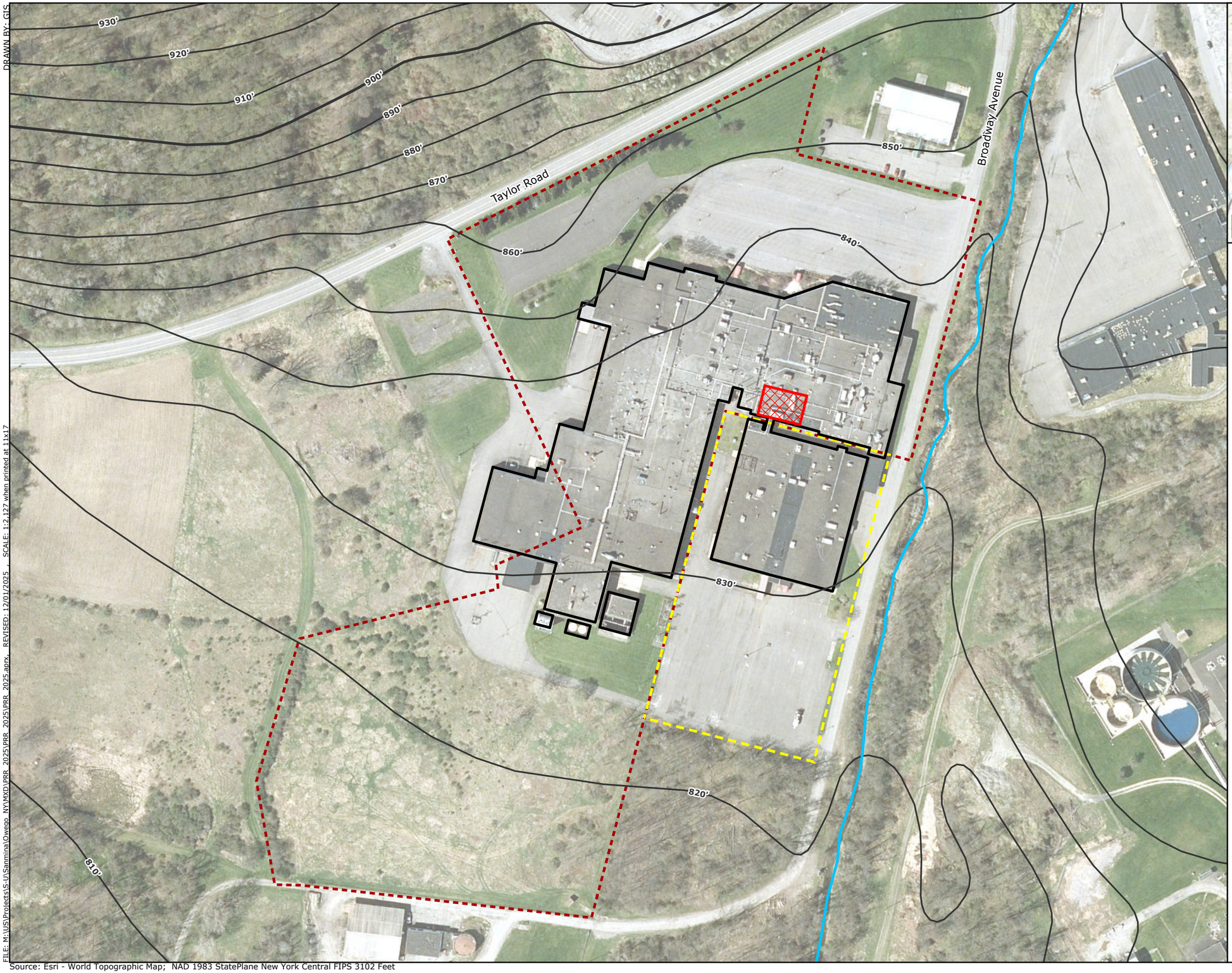
the SSDS currently remains off. An assessment of the need to restart the SSDS will be made if there is a change of use and/or occupancy of the building as outlined in the NYSDEC-approved IRM Work Plan.

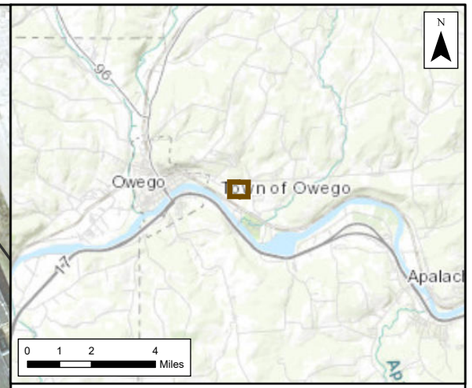
Sanmina ceased operations at the Site in 2018. An additional investigation of portions of the Site and off Site were completed to evaluate potential Site management strategies. There is currently no Site Management Plan (SMP) in place at the facility. On behalf of Sanmina, ERM recommends preparation of the SMP after Sanmina has completed closure activities and following the implementation of alternative Site management strategies (e.g., IRM, etc.) inclusive of performance monitoring.

The second post-IRM sampling will run concurrently with the April 2026 PMP sampling effort. ERM will report the results with the April 2026 PMP report and communicate with the NYSDEC to determine future sampling requirements.

As required by the NYSDEC, a Site Management Periodic Review Report (PRR) will be submitted every year with the next PRR due December 2026.

FIGURES





Legend

- Elevation Contour - 10 ft.
- Creek
- Building Outline
- Former Chemical Storage Area/ Photo Room IRM Area
- Broadway Complex Site Boundary
- Robintech Compudyne Site Boundary

Notes:
- ft. = feet
- Site features are digitized using an IBM site figure and are approximate.
- Elevation contours: NYS GIS Clearinghouse
- Aerial Imagery: ESRI World Imagery. Reproduced under license with ArcGIS Pro 3.5.4.

N

0 85 170 340
Feet

Figure 1
Site Location
Sanmina
Owego, NY

ERM

Source: Esri - World Topographic Map; NAD 1983 StatePlane New York Central FIPS 3102 Feet

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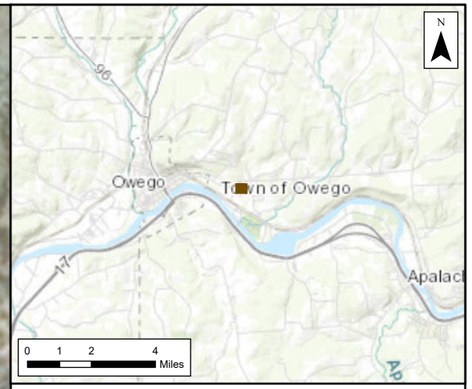

Legend

- Sub-Slab Depressurization Blower and Emission Stack
- Suction Point
- Monitoring Point

Decommissioned Locations and Piping

- Suction Point
- Monitoring Point
- Sub-Slab System B Piping

Structures

- Sub-Slab System A Piping
- Sub-Slab System B Piping
- Out Building
- Building Outline
- Former Chemical Storage IRM Area
- Approximate Historical Structure
- Broadway Complex Site Boundary
- Robintech Compudyne Site Boundary

Notes:
- Decommissioned locations were approved by the NYSDEC in preparation for the source area IRM on 9 April 2025.
- Aerial Imagery: ESRI World Imagery. Reproduced under license with ArcGIS Pro 3.5.4.

Figure 2
Sub-Slab Depressurization System and Monitoring Points
Sanmina
Owego, NY

ERM

Source: Esri - World Topographic Map; NAD 1983 StatePlane New York Central FIPS 3102 Feet

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TABLES

TABLE 1: SUB-SLAB SYSTEM DEPRESSURIZATION VACUUM MONITORING
FORMER ROBINTECH / COMPUDYNE, INC. SITE
NYSDEC SITE NO. 754007
ERM PROJECT NO. 0737122

Location	12/23/24	1/31/2025	2/28/2025	3/31/2025	Average
1A-1	-0.020	-0.010	-0.020	-0.010	**-0.015**
1A-2	-0.020	-0.010	-0.020	-0.020	**-0.018**
1A-3	-0.030	-0.020	-0.020	-0.020	**-0.023**
Well 1A	Y	Y	Y	Y	
1B-1	0.000	0.000	0.000	0.000	**0.000**
Well 1B	Y	Y	Y	Y	
2B-1	0.000	0.000	0.000	0.000	**0.000**
2B-2	-0.020	-0.010	-0.010	-0.020	**-0.015**
2B-3	-0.020	-0.020	-0.020	-0.020	**-0.020**
Well 2	Y	Y	Y	Y	
3B-1	-0.020	-0.010	-0.020	C	**-0.017**
3B-3	-0.020	-0.010	-0.010	C	**-0.013**
Well 3	Y	Y	Y	Y	
4B-1	-0.120	-0.110	-0.120	-0.110	**-0.115**
4B-2	-0.020	-0.030	-0.020	-0.030	**-0.025**
4B-3	-0.130	-0.120	-0.120	-0.130	**-0.125**
Well 4	Y	Y	Y	Y	
5B-2	-0.070	-0.050	-0.070	-0.060	**-0.063**
5B-3	-0.120	-0.120	-0.110	-0.120	**-0.118**
Well 5	Y	Y	Y	Y	

Notes:

All vacuum measurements are in inches of water (in H20)

Vacuum measurements are measured and recorded on a monthly basis, upto the shutdown of the SSDS on 9 April 2025 in preparation fo

Vacuum monitoring points 3B-2 and 5B-1 were inadvertently removed during maintenance activities and/or facility remodel.

Y- indicates there was vacuum at the designated suction point/ well.

C- indicates inaccessible for readings due to construction for the remediation project

All vacuum measurements were collected by Sanmina personal

TABLE 2: POST IRM GROUNDWATER MONITORING
FORMER ROBINTECH / COMPUDYNE, INC. SITE
NYSDEC SITE NO. 754007
ERM PROJECT NO. 0737122

Analyte	NY TOGS 1.1.1 DW CLASS GA	Location	MW-105	MW-105	MW-105	MW-106	MW-106	MW-108	MW-108
		Sample	07/16/2021	10/23/2025	10/23/2025	07/16/2021	10/23/2025	07/16/2021	10/23/2025
		Sample	N	N	FD	N	N	N	N
		Unit							
VOLATILE ORGANIC COMPOUNDS- METHOD 8260C									
1,1,1-Trichloroethane	5	ug/L	< 500	< 100	< 100	< 1.0	1.8	170	100
1,1,2,2-Tetrachloroethane	5	ug/L	< 500	< 100	< 100	< 1.0	< 1.0	< 100	< 100 TH
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	5	ug/L	< 500	< 100	< 100	< 1.0	< 1.0	< 100	< 100
1,1,2-Trichloroethane	1	ug/L	< 500	< 100	< 100	< 1.0	< 1.0	< 100	< 100
1,1-Dichloroethane	5	ug/L	< 500	< 100	< 100	< 1.0	0.78 J	96 J	72 J
1,1-Dichloroethene	5	ug/L	< 500	42 J	47 J	0.55 J	0.99 J	240	88 J
1,2,4-Trichlorobenzene	5	ug/L	< 500	< 100	< 100	< 1.0	< 1.0	< 100	< 100
1,2-Dibromo-3-chloropropane	0.04	ug/L	< 500	< 100	< 100	< 1.0	< 1.0	< 100	< 100
1,2-Dichlorobenzene	3	ug/L	< 500	< 100	< 100	< 1.0	< 1.0	< 100	< 100
1,2-Dichloroethane	0.6	ug/L	< 500	< 100	< 100	< 1.0	< 1.0	< 100	< 100
1,2-Dichloropropane	1	ug/L	< 500	< 100	< 100	< 1.0	< 1.0	< 100	< 100
1,3-Dichlorobenzene	3	ug/L	< 500	< 100	< 100	< 1.0	< 1.0	< 100	< 100
1,4-Dichlorobenzene	3	ug/L	< 500	< 100	< 100	< 1.0	< 1.0	< 100	< 100
2-Butanone (Methyl ethyl ketone)	50	ug/L	< 5,000	< 1,000	< 1,000	< 10	< 10	< 1,000	< 1,000
2-Hexanone	50	ug/L	< 2,500	< 500	< 500	< 5.0	< 5.0 TH	< 500	< 500 TH
4-Methyl-2-pentanone	NS	ug/L	< 2,500	< 500	< 500	< 5.0	< 5.0 TH	< 500	< 500 TH
Acetone	50	ug/L	< 5,000	< 1,000	< 1,000	< 10	< 10	< 1,000	< 1,000
Benzene	1	ug/L	< 500	< 100	< 100	< 1.0	< 1.0	< 100	< 100
Bromodichloromethane	50	ug/L	< 500	< 100	< 100	< 1.0	< 1.0	< 100	< 100
Bromoform	50	ug/L	< 500	< 100 TH	< 100 TH	< 1.0	< 1.0	< 100	< 100
Bromomethane	5	ug/L	< 500	< 100	< 100	< 1.0	< 1.0	< 100	< 100
Carbon disulfide	60	ug/L	< 500	< 100	< 100	< 1.0	< 1.0	< 100	< 100
Carbon tetrachloride	5	ug/L	< 500	< 100	< 100	< 1.0	< 1.0	< 100	< 100
Chlorobenzene	5	ug/L	< 500	< 100	< 100	< 1.0	< 1.0	< 100	< 100
Chloroethane	5	ug/L	< 500	< 100	< 100	< 1.0	< 1.0	< 100	< 100
Chloroform	7	ug/L	< 500	< 100	< 100	< 1.0	< 1.0	< 100	< 100
Chloromethane	5	ug/L	< 500	< 100	< 100	< 1.0	0.40 J	< 100	< 100 TH
cis-1,2-Dichloroethene	5	ug/L	< 500	190	190	< 1.0	2.0	840	430
cis-1,3-Dichloropropene	0.4	ug/L	< 500	< 100	< 100	< 1.0	< 1.0	< 100	< 100
Cyclohexane	NS	ug/L	< 500	< 100	< 100	< 1.0	< 1.0	< 100	< 100
Dibromochloromethane	50	ug/L	< 500	< 100 TH	< 100 TH	< 1.0	< 1.0	< 100	< 100
Dichlorodifluoromethane (Freon 12)	5	ug/L	< 500	< 100	< 100	< 1.0	< 1.0	< 100	< 100
Ethylbenzene	5	ug/L	< 500	< 100	< 100	< 1.0	< 1.0	< 100	< 100
Ethylene dibromide	0.0006	ug/L	< 500	< 100	< 100	< 1.0	< 1.0	< 100	< 100
Isopropylbenzene (Cumene)	5	ug/L	< 500	< 100	< 100	< 1.0	< 1.0	< 100	< 100
Methyl acetate	NS	ug/L	< 1,300	< 250	< 250	< 2.5	< 2.5	< 250	< 250 TH
Methyl tert-butyl ether	10	ug/L	< 500	< 100	< 100	< 1.0	< 1.0	< 100	< 100
Methylcyclohexane	NS	ug/L	< 500	< 100	< 100	< 1.0	< 1.0	< 100	< 100
Methylene chloride	5	ug/L	< 500	< 100	< 100	< 1.0	< 1.0	< 100	< 100
Styrene	5	ug/L	< 500	< 100	< 100	< 1.0	< 1.0	< 100	< 100
Tetrachloroethene	5	ug/L	< 500	42 J	41 J	< 1.0	0.38 J	< 100	< 100
Toluene	5	ug/L	< 500	< 100	< 100	< 1.0	< 1.0	< 100	< 100
trans-1,2-Dichloroethene	5	ug/L	< 500	< 100	< 100	< 1.0	< 1.0	< 100	< 100
trans-1,3-Dichloropropene	0.4	ug/L	< 500	< 100	< 100	< 1.0	< 1.0	< 100	< 100
Trichloroethene	5	ug/L	20,000	7,100	7,500	21	36	4,600	2,600
Trichlorofluoromethane (Freon 11)	5	ug/L	< 500	< 100	< 100	< 1.0	< 1.0	< 100	< 100
Vinyl chloride	2	ug/L	< 500	< 100	< 100	< 1.0	< 1.0	< 100	< 100
Xylene, Total	5	ug/L	< 1,000	< 200	< 200	< 2.0	< 2.0	< 200	< 200
DISOLVED GASES- METHOD RSK175									
Ethane	NS	ug/L	< 7.5	< 7.5	--	< 7.5	< 7.5	< 7.5	< 7.5
Ethene	NS	ug/L	< 7.0	< 7.0	--	< 7.0	< 7.0	< 7.0	< 7.0
Methane	NS	ug/L	58	43	--	< 4.0	< 4.0	28	14
POLYCHLORINATED BIPHENYLS- METHOD 8082A									
Aroclor 1016	0.09	ug/L	< 0.50	< 0.52	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
Aroclor 1221	0.09	ug/L	< 0.50	< 0.52	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
Aroclor 1232	0.09	ug/L	< 0.50	< 0.52	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
Aroclor 1242	0.09	ug/L	< 0.50	< 0.52	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
Aroclor 1248	0.09	ug/L	< 0.50	< 0.52	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
Aroclor 1254	0.09	ug/L	< 0.50	< 0.52	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
Aroclor 1260	0.09	ug/L	< 0.50	< 0.52	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
FIELD PARAMETERS									
Temperature, Field	NS	deg C	18.90	17.5	--	19.10	17.4	18.60	18.6
pH, Field	NS	pH units	6.26	6.12	--	6.00	5.50	7.16	6.11
Dissolved Oxygen, Field	NS	mg/L	4.32	4.76	--	1.65	0.93	0.89	0.41
Oxidation-Reduction Potential, Field	NS	mV	157.1	218.6	--	176.7	242.2	153.4	126.8
Specific Conductivity	NS	uS/cm	363	275.2	--	491	676	735	441.2
Turbidity, Field	NS	NTU	1.51	4.94	--	10.30	3.61	24.30	21.2
VOCs by PID, Field, Total	NS	ppm	3.1	--	--	0	--	4.1	--

Notes:

Samples collected on 16 July 2021 were collected prior to the IRM and are included for comparison with the post IRM samples collected from the sample locations on 23 October 2025 hydrogeologically downgradient of the IRM area.

< = Compound not detected above the laboratory reporting detection limit. The laboratory reporting detection limit is shown.

J = The analyte was positively identified; associated numerical value is the approximate concentration of the analyte in the sample

TH = QC Recovey is outside acceptable limits biased high

N = Normal environmental sample

FD = Field duplicate sample

-- = Not analyzed

ug/L = micrograms per liter

deg C = degrees Celsius

mg/L = milligrams per liter

mV = millivolts

uS/cm = microSiemens per centimeter

NTU = nephelometric turbidity units

ppm = parts per million

Bold values indicate a detection above the laboratory reporting detection limit

APPENDIX A APPENDIX A CERTIFICATION OF INSTITUTIONAL CONTROLS/ ENGINEERING CONTROLS

Enclosure 2
NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
Site Management Periodic Review Report Notice
Institutional and Engineering Controls Certification Form

Site Details **Box 1**

Site No. 754007

Site Name Robintech/Compudyne, Inc.

Site Address: 1200 Taylor Road Zip Code: 13827
City/Town: Owego
County: Tioga
Site Acreage: 17.000

Reporting Period: November 30, 2024 to November 30, 2025

	YES	NO
1. Is the information above correct?	X	☐
If NO, include handwritten above or on a separate sheet.		
2. Has some or all of the site property been sold, subdivided, merged, or undergone a tax map amendment during this Reporting Period?	☐	X
3. Has there been any change of use at the site during this Reporting Period (see 6NYCRR 375-1.11(d))?	☐	X
4. Have any federal, state, and/or local permits (e.g., building, discharge) been issued for or at the property during this Reporting Period?	☐	X
If you answered YES to questions 2 thru 4, include documentation or evidence that documentation has been previously submitted with this certification form.		
5. Is the site currently undergoing development?	☐	X

Box 2

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

IF THE ANSWER TO EITHER QUESTION 6 OR 7 IS NO, sign and date below and DO NOT COMPLETE THE REST OF THIS FORM. Otherwise continue.

A Corrective Measures Work Plan must be submitted along with this form to address these issues.

_____ _____
Signature of Owner, Remedial Party or Designated Representative Date

SITE NO. 754007 **Box 3**

Description of Institutional Controls

Parcel	Owner	Institutional Control
129.07-1-9	Sanmina-SCI	Monitoring Plan

Box 4

Description of Engineering Controls

Parcel	Engineering Control *
129.07-1-9	Groundwater Treatment System Vapor Mitigation

-Groundwater is extracted from three (3) recovery wells, treated on site using aeration methods, and the effluent is discharged to the Town of Owego's Publicly Owned Treatment Works (POTW).

-Sub Slab Depressurization System (SSDS)

* A source area Interim Remedial Measure (IRM) Work Plan was submitted to the NYSDEC and was approved in 16 July 2024, with construction completed within this PRR monitoring period. With NYSDEC-approval and in preparation for the IRM activities one (1) of the three (3) recovery wells (RW-4) included in the Institutional and Engineering Controls Certification description was decommissioned on 31 March 2025. The groundwater extraction system continues to operate and extract groundwater from the two (2) remaining recovery wells (RW-3 and RW-6). The decommissioned recovery (RW-4) will not be replaced, as the former screen interval/ extraction zone located within the former source area is now a stabilized cement-amended soil matrix.

In preparation for the IRM, recovery well RW-5, which was not operating as an active extraction point in the groundwater treatment system, and monitoring wells MW-19 and MW-23 were also decommissioned on 31 March 2025.

As outlined in the NYSDEC-approved IRM Work Plan, the SSDS was shutdown in April 2025 in preparation for a partial building demolition to allow access for the IRM activities. The SSDS will remain off unless there is a change in the building's use or occupancy, at which point its necessity will be reassessed in consultation with the NYSDEC and NYSDOH.

These changes reflect NYSDEC-approved updates to the engineering controls; however, the Record of Decision (ROD) and PMP have not been formally amended.

Box 5

Periodic Review Report (PRR) Certification Statements

1. I certify by checking "YES" below that:

   a) the Periodic Review report and all attachments were prepared under the direction of, and reviewed by, the party making the Engineering Control certification;

   b) to the best of my knowledge and belief, the work and conclusions described in this certification are in accordance with the requirements of the site remedial program, and generally accepted engineering practices; and the information presented is accurate and compete.

YES	NO
X	☐

2. For each Engineering control listed in Box 4, I certify by checking "YES" below that all of the following statements are true:

   (a) The Engineering Control(s) employed at this site is unchanged since the date that the Control was put in-place, or was last approved by the Department;

   (b) nothing has occurred that would impair the ability of such Control, to protect public health and the environment;

   (c) access to the site will continue to be provided to the Department, to evaluate the remedy, including access to evaluate the continued maintenance of this Control;

   (d) nothing has occurred that would constitute a violation or failure to comply with the Site Management Plan for this Control; and

   (e) if a financial assurance mechanism is required by the oversight document for the site, the mechanism remains valid and sufficient for its intended purpose established in the document.

YES	NO
X	☐

IF THE ANSWER TO QUESTION 2 IS NO, sign and date below and DO NOT COMPLETE THE REST OF THIS FORM. Otherwise continue.

A Corrective Measures Work Plan must be submitted along with this form to address these issues.

_____ _____

Signature of Owner, Remedial Party or Designated Representative Date

See a summary of NYSDEC-approved modifications to engineering controls in Box 4.

IC CERTIFICATIONS
SITE NO. 754007

Box 6

SITE OWNER OR DESIGNATED REPRESENTATIVE SIGNATURE

I certify that all information and statements in Boxes 1,2, and 3 are true. I understand that a false statement made herein is punishable as a Class "A" misdemeanor, pursuant to Section 210.45 of the Penal Law.

I Earl Kimble (print name) at 1200 Taylor Road Owego, NY 13827 (print business address),

am certifying as Owner (Owner or Remedial Party)

for the Site named in the Site Details Section of this form.

Earl Kimble — 2/20/2026

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

EC CERTIFICATIONS

Box 7

Qualified Environmental Professional Signature

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

I Stephen A. Mirabello (print name) at 6311 Fly Rd East Syracuse, NY, 13057 (print business address),

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

Signature of Qualified Environmental Professional, for the Owner or Remedial Party, Rendering Certification	Stamp (Required for PE)	Date
		02/20/26

APPENDIX B 2025 PMP REPORTS

5784 Widewaters Parkway
Syracuse NY, 13214

T +1 315 449 2554
erm.com

Mr. Stephen Catalfamo
New York State Department of Environmental Conservation
Region 7 - Division of Environmental Remediation
1679 New York State Route 11
Kirkwood, New York 13795

DATE
12 June 2025

SUBJECT
First Semi-Annual PMP Report 2025
Robintech/Compudyne, Inc. Site
Sanmina Corporation facility, Owego, NY

REFERENCE
NYSDEC Site ID: C706019

Dear Mr. Catalfamo:

This letter report presents the first 2025 semi-annual groundwater and sub-slab depressurization system (SSDS) vacuum monitoring results for the Robintech/Compudyne, Inc. New York State Superfund Site No. 754007 (the "Site"; Figure 1), which covers a portion of the Sanmina Corporation (Sanmina) facility in Owego, New York.

Groundwater monitoring has been conducted pursuant to a New York State Department of Environmental Conservation (NYSDEC)-approved Performance Monitoring Program (PMP) dated 21 February 1997 and has continued through this sampling event.

A groundwater and treatment system sampling event was conducted by ERM Consulting & Engineering, Inc. (ERM) on 27 March 2025. The first semi-annual monitoring event is typically conducted in April; however, this event was conducted in advance of the mobilization to implement the interim remedial measure of the source area under the former "clean room"/photo rooms within the main building at the Site. Analytical services were provided by Eurofins Test America, Inc. (Eurofins) of Buffalo, New York, which is a National Environmental Laboratory Accreditation Program (ELAP)-approved laboratory. Eurofins analyzed groundwater and treatment system samples for volatile organic compounds (VOC's) by United States Environmental Protection Agency (USEPA) Method 8260C.

This report presents a discussion of groundwater quality and flow direction, groundwater recovery well operation, air stripper performance and an assessment of the overall recovery system performance between the October 2024 and March 2025 sampling events. Figure 2 of this report presents a Site plan including the location of all groundwater monitoring and recovery wells.

GROUNDWATER FLOW

Groundwater elevation measurements were collected at monitoring wells to evaluate groundwater flow direction during each monitoring event. Groundwater elevation data are presented in Table 1. Groundwater contour maps for the shallow overburden, deep overburden, and bedrock groundwater zones were prepared for the March 2025 PMP event. These maps are attached as Figures 3, 4, and 5, respectively.

Groundwater flow in the shallow overburden, deep overburden, and bedrock is generally to the south, towards the Susquehanna River, located approximately 0.75-mile south of the Site. The groundwater flow direction and elevations observed during the March 2025 sampling event was generally consistent with previous groundwater monitoring periods.

GROUNDWATER QUALITY

The purpose of the sampling and laboratory analyses is to monitor groundwater quality changes through time (monitoring well analyses) and to monitor the performance of the air stripper. Passive Diffusive Bag (PDB) samplers were installed in monitoring wells on 15 October 2024. The PDBs were placed at the mid-point of the screened well interval in each monitoring well. Table 2 lists the deployment depth of the PDBs during the monitoring event. Water was collected from the PDBs on 27 March 2025 and sent to Eurofins for VOC analysis using USEPA Method 8260B. The analytical results for PMP monitoring event are summarized in Table 3. A copy of the analytical report is included as Attachment A.

Individual recovery well samples were collected as grab samples from sampling ports in the piping system on 15 October 2024. Analytical results are summarized in Table 3 and a copy of the analytical data is included as Attachment A. The trend of Trichloroethene (TCE) and 1,1,1-Trichloroethane (1,1,1-TCA) concentrations in groundwater collected from recovery wells RW-4, RW-6, and the effluent water treated by the onsite groundwater treatment system (i.e. Air Stripper) are graphically illustrated in Figures 6 & 7, respectively.

As shown in the time series plots (Figure 6 & 7), the TCE and 1,1,1-TCA concentrations in groundwater from RW-4 and RW-6 are within the historic ranges reported over the last several years.

As requested by the Department, Figure 8 presents a map of TCE concentrations across the site using analytical results from PMP samples collected in March 2025.

Concentrations of other VOCs in groundwater collected from monitoring wells across the Site are within the range of historic concentrations (Table 3).

After the March 2025 sampling, PDBs for the October 2025 sampling event were installed in the required monitoring wells.

RECOVERY WELL AND AIR STRIPPER PERFORMANCE

Between 15 October 2024 and 27 March 2025, the groundwater treatment system recovered and treated 2,651,934 gallons of groundwater based on totalizer readings. The system has treated groundwater at an average rate of 10.7 gallons per minute (GPM).

The air stripper treats groundwater from recovery wells RW-3, RW-4 and RW-6. Pursuant to the PMP, the air stripper effluent was sampled during the March 2024 PMP sampling event. The effluent sample had only a minor detection of TCE and cis-1,2-Dichloroethene (cDCE), which were below the discharge permit limits of 10 micrograms per liter. The shallow tray air stripper is effectively reducing VOC concentrations from groundwater as designed.

SSDS PERFORMANCE

Sanmina continues to operate, maintain, and monitor the SSDS through this monitoring period. Vacuum measurements are collected from vacuum monitoring points within the building and are summarized in Table 4.

It should be noted that operations at the Owego Facility have been discontinued and occupancy of the building has been greatly reduced. Sanmina personnel and subcontractors continue closure operations; however, occupancy of this portion of the building is infrequent.

SUMMARY

In summary, the total VOCs reported from Site monitoring and recovery wells during the March 2025 sampling are comparable to historical sampling events. The groundwater P & T system is in compliance with the Sanmina sanitary discharge permit.

The SSDS is depressurizing a portion of the facility and is reducing the potential for vapor intrusion. Vacuum distribution beneath the slab varies; the average vacuum was measurable at 0.040-inches of water column in the vacuum monitoring points located within the Main and Broadway Buildings. The SSDS and competency of the building’s concrete slab are effectively minimizing the potential risk of vapor intrusion.

If you should have any questions regarding this report, please contact the undersigned at (315) 233-3038 or via e-mail rob.sents@erm.com.

Sincerely,

Rob Sents
Senior Project Manager

Cc: Julia Kenney, NYSDOH
Josh Cook, NYSDEC
Gary Priscott, NYSDEC
Earl Kimble, Sanmina
Khalid Ruhullah, Sanmina
Ernie Rossano, ERM

Figures

DRAWN BY: GIS Team

SITE

Legend

Site Boundary

0 0.1 0.2 0.3 0.4 Miles

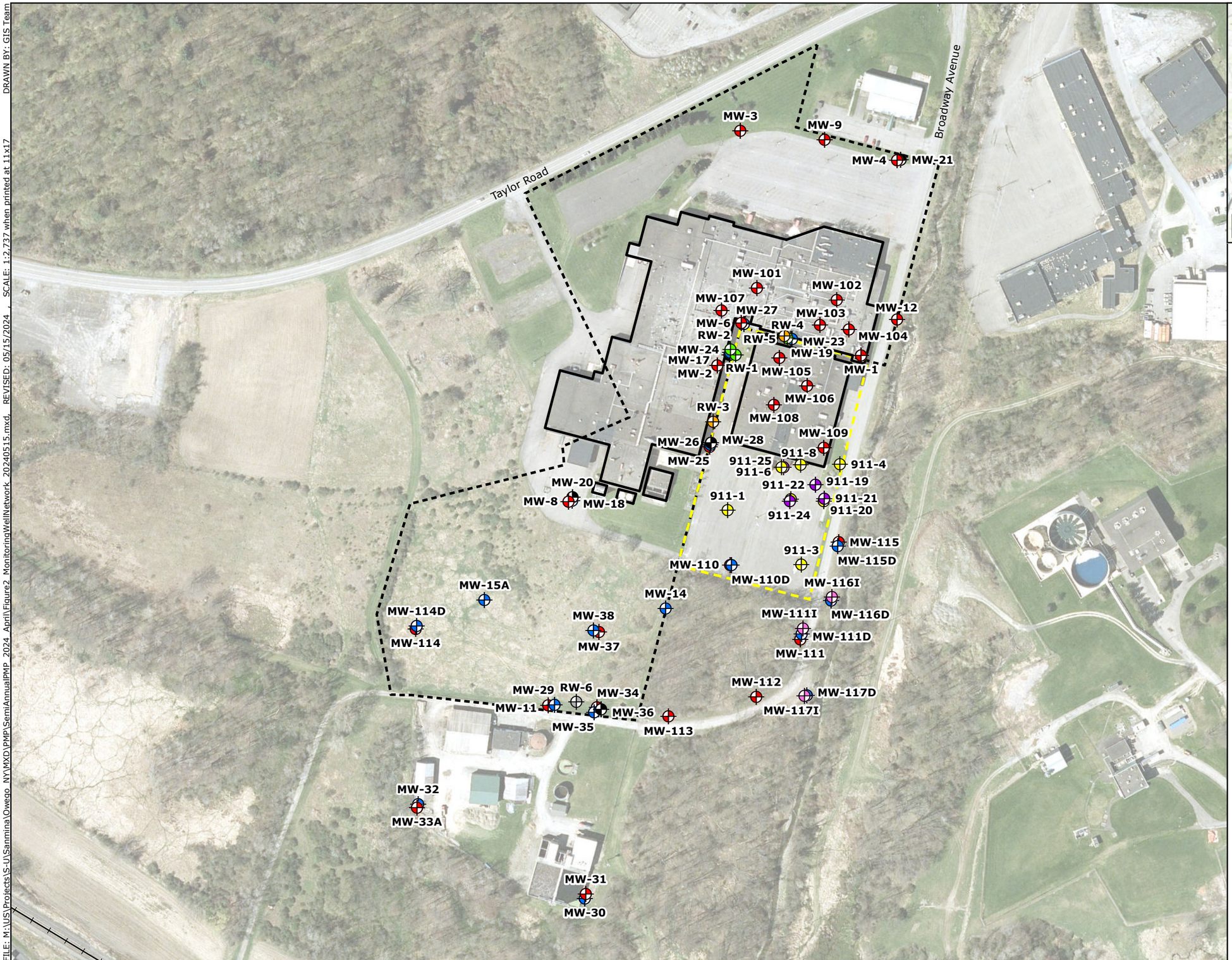
1:20,000

Figure 1
Site Location
Sanmina
Owego, NY

SOURCE: USGS scanned topographic quad maps provided by National Geographic Society (© 2024).

Source: Esri - World Topographic Map; NAD 1983 StatePlane New York Central FIPS 3102 Feet

FILE: M:\US\Projects\S-U\Sanmina\Owego_NY\MXD\PMP\SemiannualPMP_2024_October\Figure1_SiteLocusMap_20241105.mxd | REVISED: 11/05/2024 | SCALE: 1:20,000 when printed at 11x17



Legend

- Bedrock Monitoring Well
- Bedrock Recovery Well
- Deep Overburden Monitoring Well
- Deep Overburden Recovery Well
- IBM Deep Overburden Monitoring Well
- Intermediate Overburden Monitoring Well
- Shallow Overburden Monitoring Well
- Shallow Overburden Recovery Well
- IBM Shallow Overburden Monitoring Well
- Railroad
- Building Outline
- Broadway Complex Site Boundary
- Robintech Compudyne Site Boundary

Figure 2
Monitoring Well Locations
Sanmina
Owego, NY

ERM

Source: Esri - World Topographic Map; NAD 1983 StatePlane New York Central FIPS 3102 Feet

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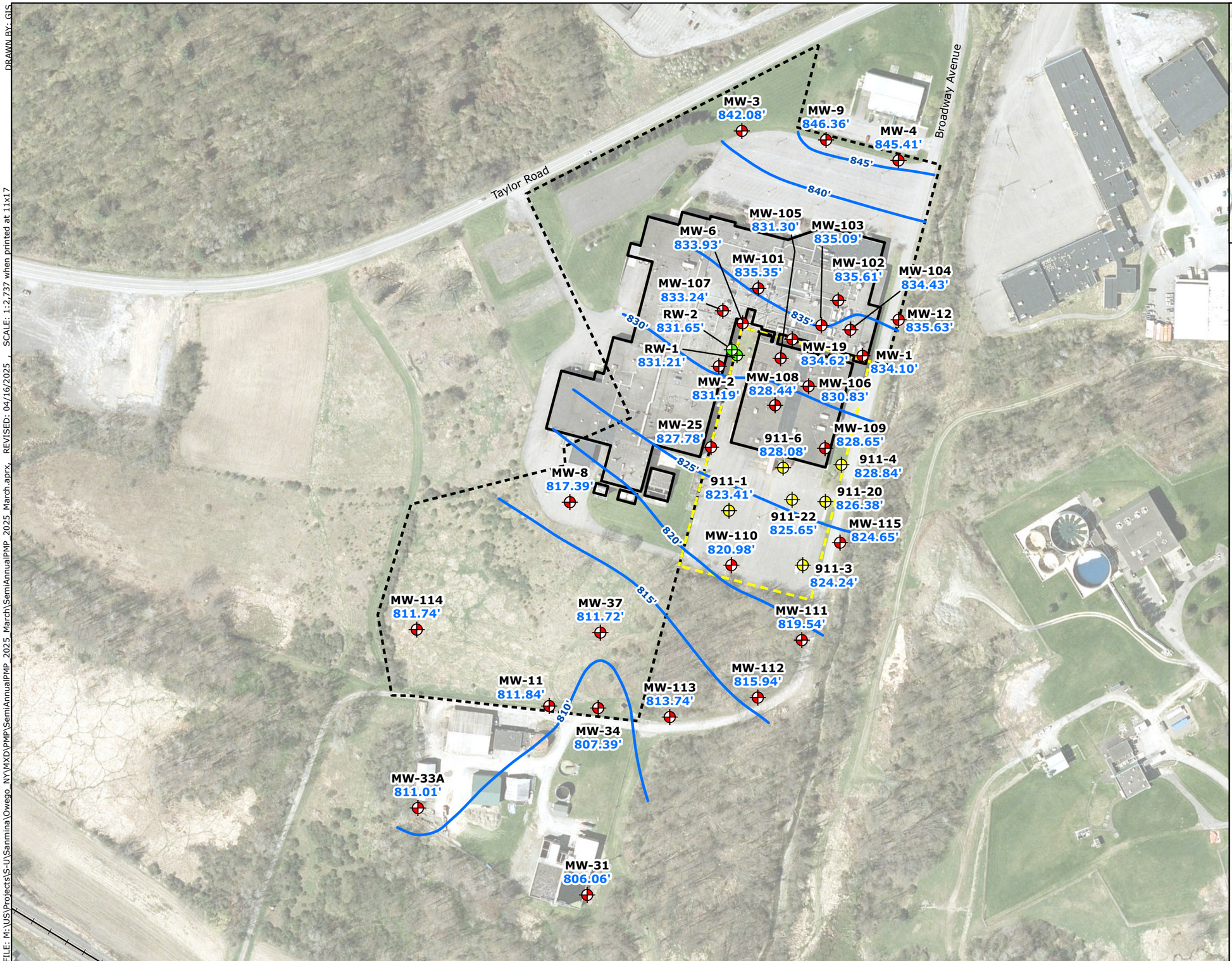

Notes:
- ft. = feet
- Groundwater elevation was measured on 27 March 2025.
- Aerial Imagery: ESRI World Imagery. Reproduced under license with ArcGIS Pro 3.4.2.

N

0 110 220 440 Feet

Figure 3
Shallow Overburden Groundwater Contour Map
March 2025
Sanmina
Owego, NY

ERM

Source: Esri - World Topographic Map; NAD 1983 StatePlane New York Central FIPS 3102 Feet

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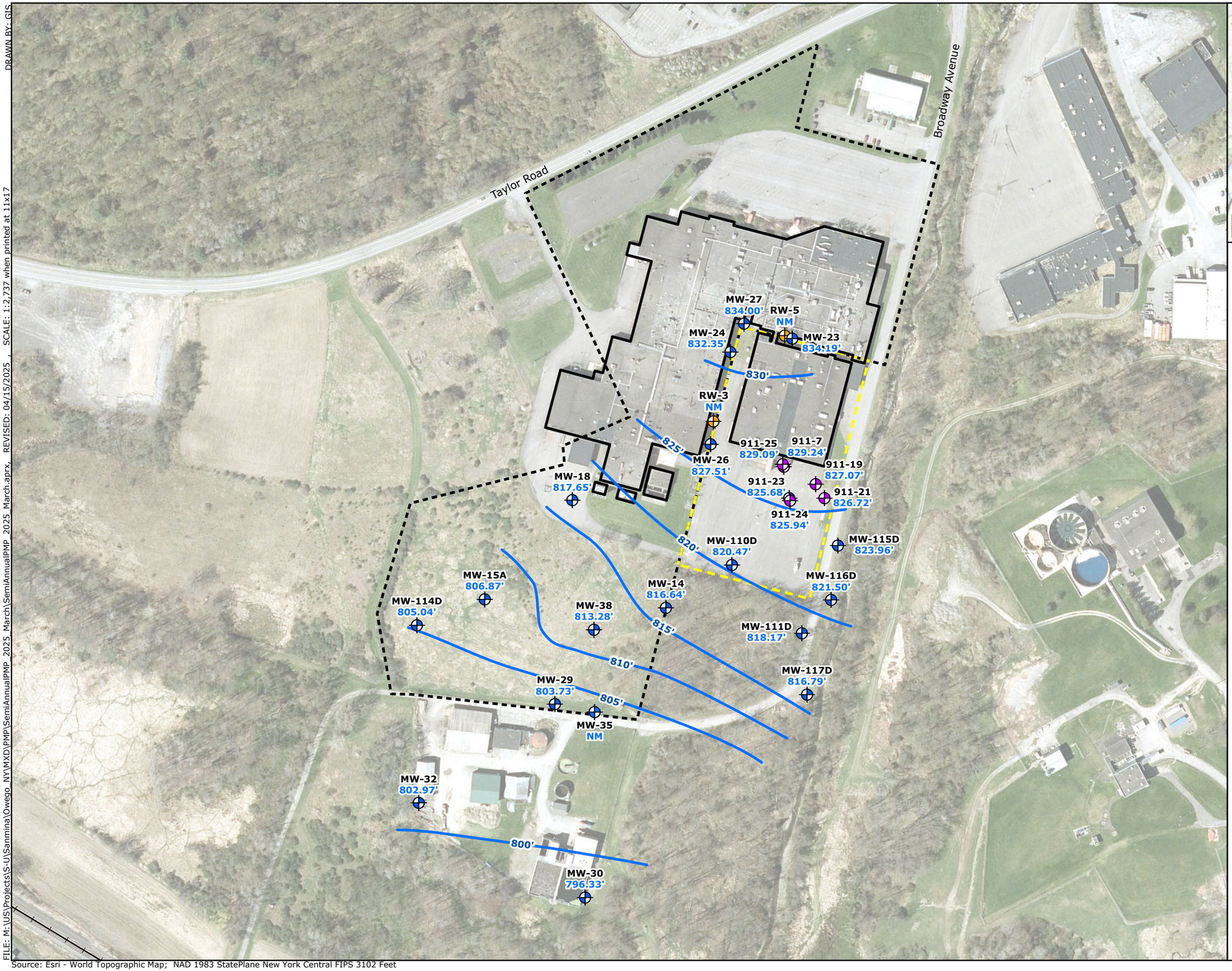

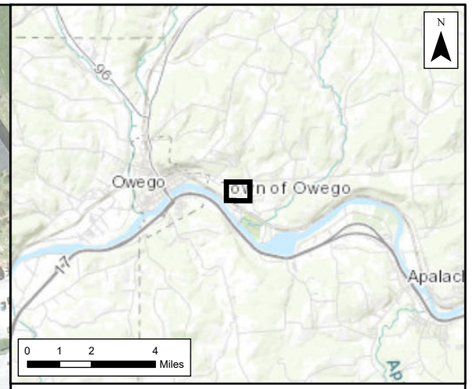

Legend

- Deep Overburden Monitoring Well
- IBM Deep Overburden Monitoring Well
- Deep Overburden Recovery Well
- Groundwater Elevation Contour (5 ft.)
- 832.51' Groundwater Elevation (ft.)
- Railroad
- Building Outline
- Broadway Complex Site Boundary
- Robintech Compudyne Site Boundary

Notes:
- ft. = feet
- NM = Not Measured
- Groundwater elevation was measured on 27 March 2025.
- Aerial Imagery: ESRI World Imagery. Reproduced under license with ArcGIS Pro 3.4.2.

Figure 4
Deep Overburden Groundwater Contour Map
March 2025
Sanmina
Owego, NY

ERM

Source: Esri - World Topographic Map; NAD 1983 StatePlane New York Central FIPS 3102 Feet

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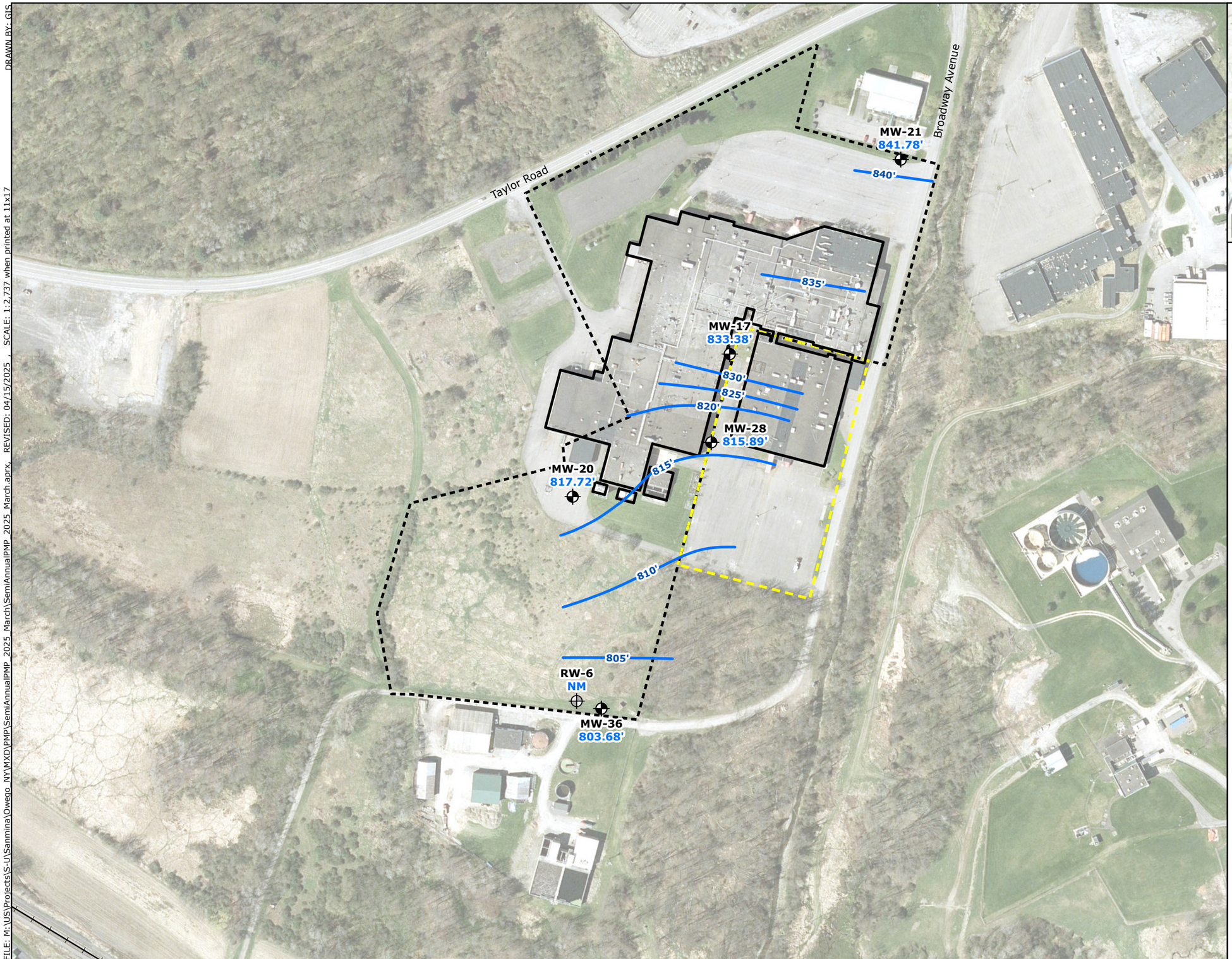

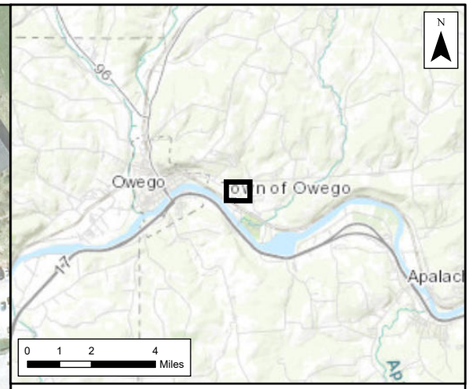

Legend

- Bedrock Monitoring Well
- Bedrock Recovery Well
- Groundwater Elevation Contour (5 ft.)
- 839.54' Groundwater Elevation (ft.)
- Railroad
- Building Outline
- Broadway Complex Site Boundary
- Robintech Compudyne Site Boundary

Notes:
- ft. = feet
- NM = Not Measured
- Groundwater elevation was measured on 27 March 2025.
- Aerial Imagery: ESRI World Imagery. Reproduced under license with ArcGIS Pro 3.4.2.

N

0 110 220 440
Feet

Figure 5
Bedrock Groundwater Contour Map
March 2025
Sanmina
Owego, NY

ERM

Source: Esri - World Topographic Map; NAD 1983 StatePlane New York Central FIPS 3102 Feet

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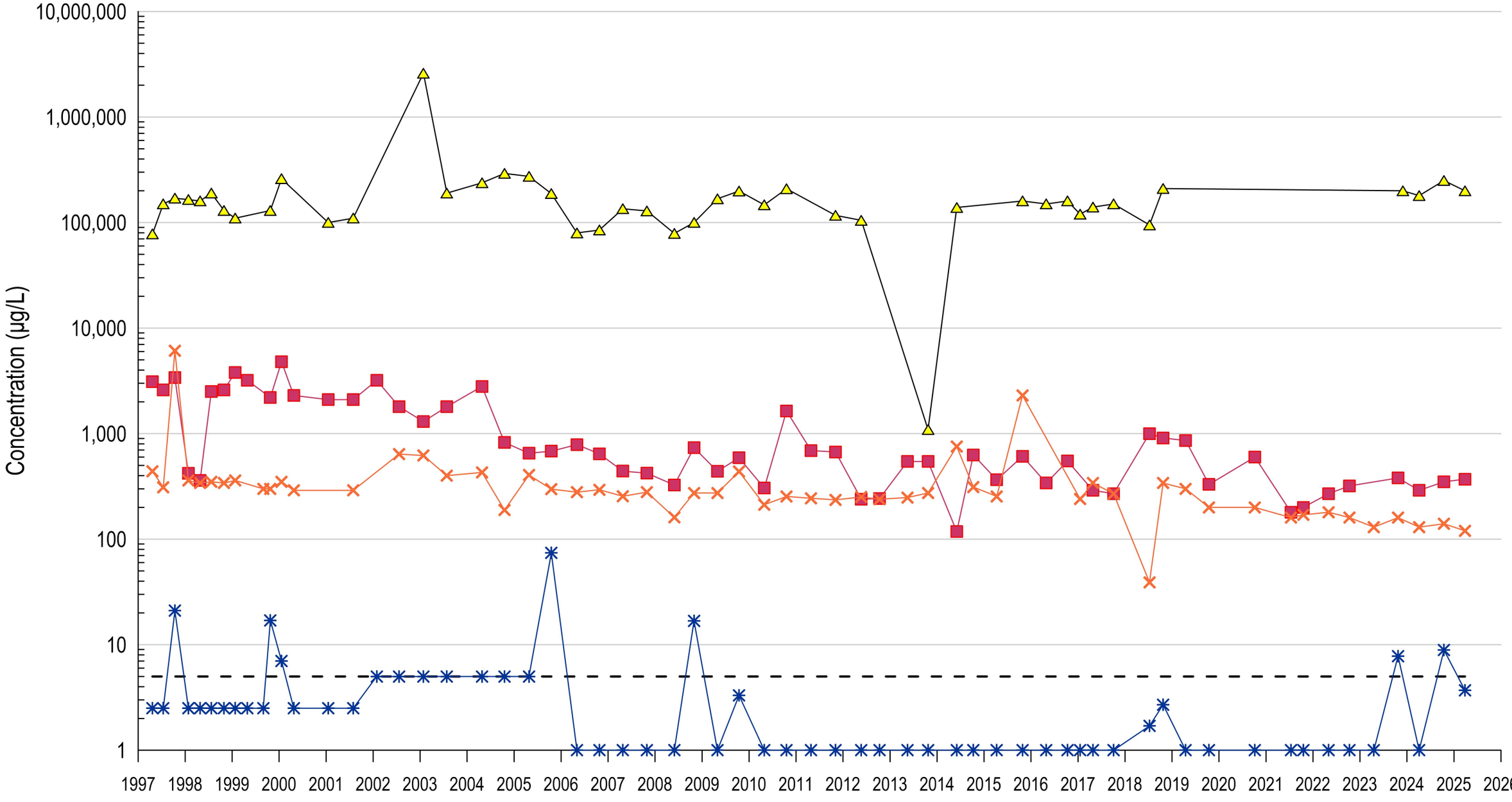


Figure 6
Trend of TCE in Groundwater
Former Robintech / Compudyne, Inc. Site
NYSDEC Site No. 754007

ERM

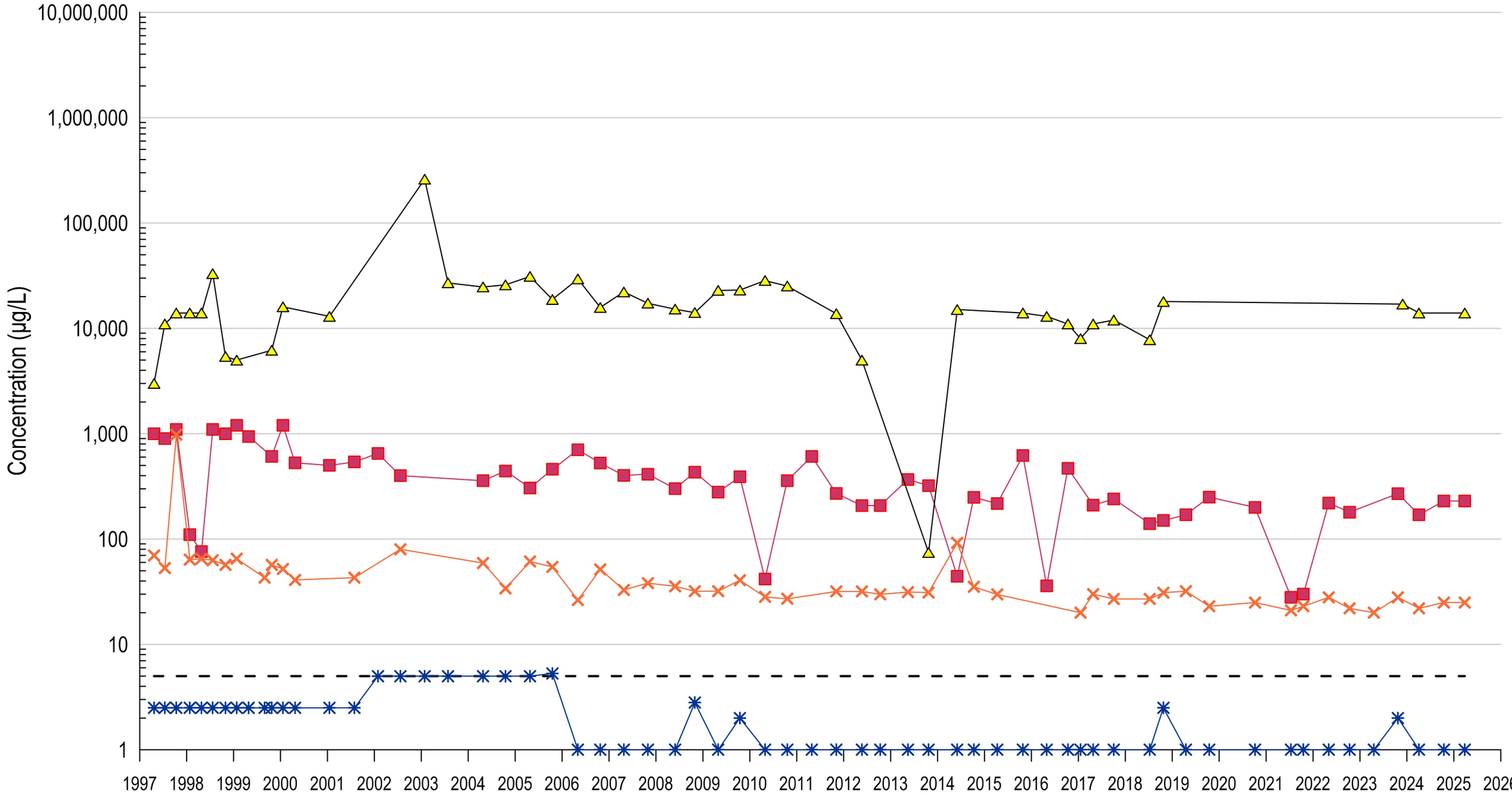
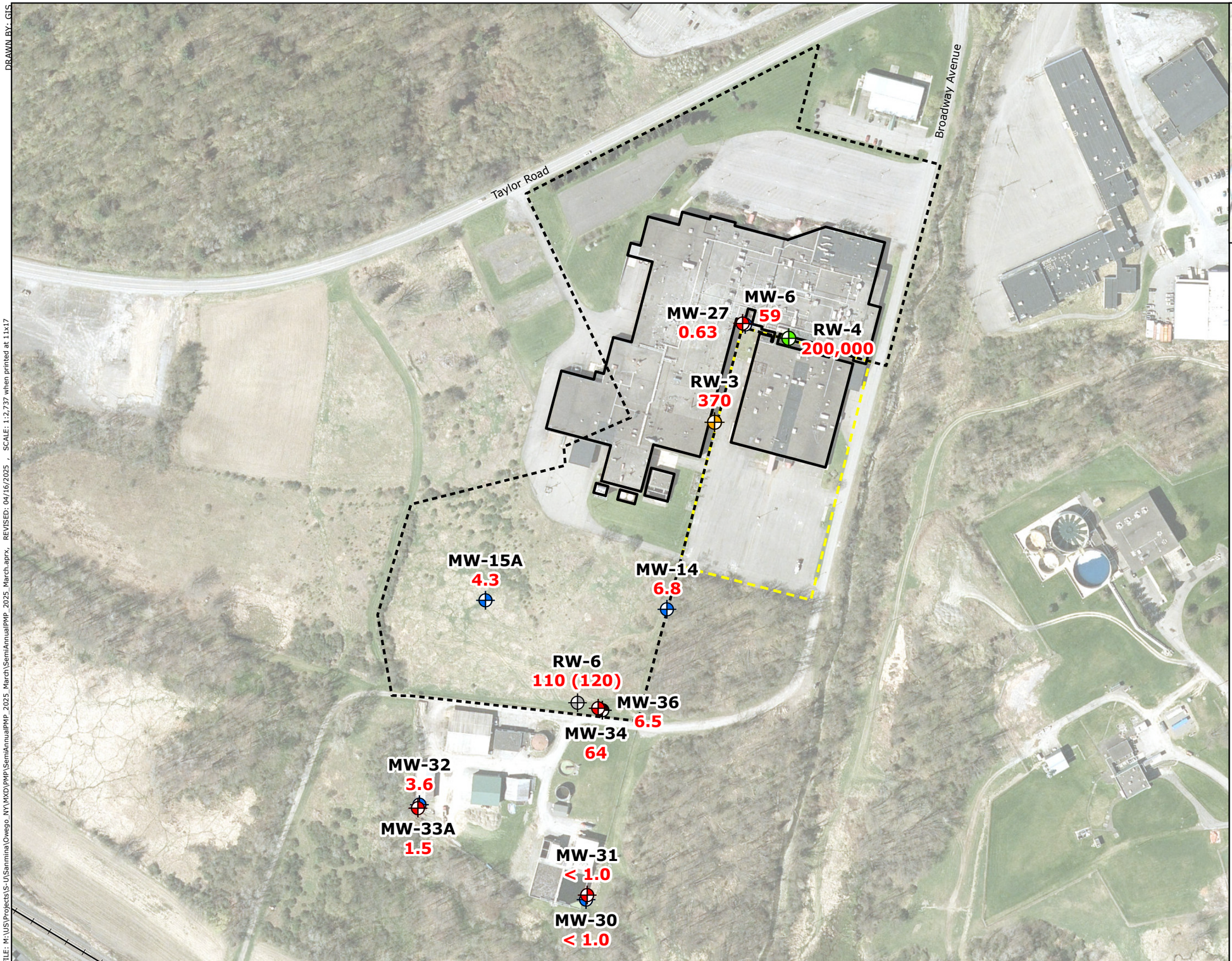
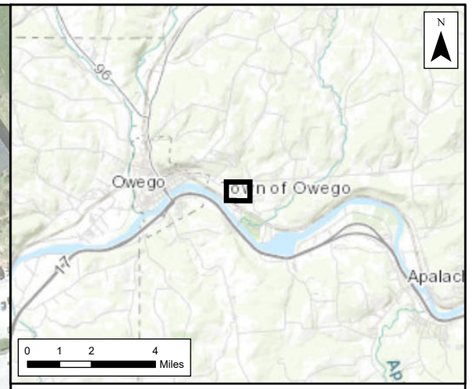


Figure 7
Trend of TCA in Groundwater
Former Robintech / Compudyne, Inc. Site
NYSDEC Site No. 754007

ERM





Legend

- Bedrock Monitoring Well
- Bedrock Recovery Well
- Deep Overburden Monitoring Well
- Deep Overburden Recovery Well
- Shallow Overburden Monitoring Well
- Shallow Overburden Recovery Well
- 370 Trichloroethene Concentration (µg/L)
- Railroad
- Building Outline
- Broadway Complex Site Boundary
- Robintech Compudyne Site Boundary

Notes:
- µg/L = micrograms per liter
- Duplicate results are shown in parentheses.
- Groundwater samples were collected on 27 March 2025.
- Aerial Imagery: ESRI World Imagery. Reproduced under license with ArcGIS Pro 3.4.2.

N

0 110 220 440
Feet

Figure 8
Trichloroethene (TCE) in Groundwater - March 2025
Sanmina
Owego, NY

ERM

Source: Esri - World Topographic Map; NAD 1983 StatePlane New York Central FIPS 3102 Feet

FILE: M:\US\Projects\S-U\Sanmina\Owego_NY\MXD\PMP\SemiAnnualPMP_2025_March\SemiAnnualPMP_2025_March.aprx, REVISED: 04/16/2025 , SCALE: 1:2,737 when printed at 11x17

DRAWN BY: GIS

Tables

TABLE 1: GROUNDWATER LEVEL DATA SUMMARY MARCH 2025
FORMER ROBINTECH / COMPUDYNE, INC. SITE
NYSDEC SITE NO. 754007

Well I.D.	Reference Elevation (feet)	27-Mar-25	
		Depth to Water	Water Elevation
MW-1	842.22	8.12	834.10
MW-2	841.13	9.94	831.19
MW-3	853.80	11.72	842.08
MW-4	855.11	9.70	845.41
MW-5	848.75	NA	--
MW-6	841.25	7.32	833.93
MW-7	843.43	NA	--
MW-8	830.07	12.68	817.39
MW-9	857.75	11.39	846.36
MW-10	845.68	NA	--
MW-11	821.33	9.49	811.84
MW-12	844.59	8.96	835.63
MW-13	840.81	NA	--
MW-14	827.65	11.01	816.64
MW-15A	822.42	15.55	806.87
MW-17	840.38	7.00	833.38
MW-18	829.35	11.70	817.65
MW-19	841.26	6.64	834.62
MW-20	829.41	11.69	817.72
MW-21	854.85	13.07	841.78
MW-23	841.32	7.13	834.19
MW-24	840.65	8.30	832.35
MW-25	837.67	9.89	827.78
MW-26	837.73	10.22	827.51
MW-27	840.96	6.96	834.00
MW-28	837.91	22.02	815.89
MW-29	820.63	16.90	803.73
MW-30	817.73	18.80	798.93
MW-31	817.16	9.19	807.97
MW-32	816.17	13.20	802.97
MW-33A	816.00	4.99	811.01
MW-34	821.85	14.46	807.39
MW-35	821.18	NA	--
MW-36	821.61	17.93	803.68
MW-37	824.61	12.89	811.72
MW-38	824.65	11.37	813.28
RW-1	842.09	10.88	831.21
RW-2	839.71	8.06	831.65
RW-3	836.96	NA	--
RW-4	843.96	NA	--
RW-5	840.14	NA	--
RW-6	819.28	NA	--

Well I.D.	Reference Elevation (feet)	27-Mar-25	
		Depth to Water	Water Elevation
MW-101	840.93	5.58	835.35
MW-102	841.21	5.60	835.61
MW-103	841.13	6.04	835.09
MW-104	841.09	6.66	834.43
MW-105	839.43	8.13	831.30
MW-106	839.56	8.73	830.83
MW-107	840.96	7.72	833.24
MW-108	839.60	11.16	828.44
MW-109	839.32	10.67	828.65
MW-110	829.47	8.49	820.98
MW-110D	829.60	9.13	820.47
MW-111	824.75	5.21	819.54
MW-111I	825.59	6.57	819.02
MW-111D	829.37	7.20	822.17
MW-112	823.05	7.11	815.94
MW-113	819.36	5.62	813.74
MW-114	819.99	8.25	811.74
MW-114D	819.56	14.52	805.04
MW-115	835.64	10.99	824.65
MW-115D	834.87	10.91	823.96
MW-116I	831.64	9.58	822.06
MW-116D	831.75	10.25	821.50
MW-117I	823.83	7.22	816.61
MW-117D	823.90	7.11	816.79
911-3	831.27	7.45	823.82
911-1	832.10	9.15	822.95
911-19	835.25	8.75	826.5
911-20	834.85	8.47	826.38
911-21	834.97	8.25	826.72
911-22	834.46	9.29	825.17
911-23	834.24	9.18	825.06
911-24	834.20	8.91	825.29
911-25	836.71	7.62	829.09
911-4	837.98	9.69	828.29
911-6	835.99	8.54	827.45
911-7	836.09	7.47	828.62
911-8	836.63	NA	--

Notes:
NA = Not accessible

TABLE 2: PASSIVE DIFFUSION BAG DEPLOYMENT DEPTH AND SAMPLE DATE
FORMER ROBINTECH / COMPUDYNE, INC. SITE
NYSDEC SITE NO. 754007

Monitoring Well ID	MW-14	MW-15A	MW-32	MW-33A	MW-27	MW-6	MW-30	MW-31	MW-34	MW-36
Date Sampled	27-Mar-25	27-Mar-25	27-Mar-25	27-Mar-25	27-Mar-25	27-Mar-25	27-Mar-25	27-Mar-25	27-Mar-25	27-Mar-25
Depth middle of PDB (depth in feet below top of casing)	40.5	40.5	94	11	50	18	92.5	8	25.5	93.75

Notes:
Passive diffusion bags were deployed on 15 October 2024

GROUNDWATER ANALYTICAL RESULTS FOR MARCH 2025 SAMPLING EVENT
FORMER ROBINTECH/COMPUDYNE, INC. SITE
NYSDEC SITE NO. 754007
ERM PROJECT NUMBER 0777726

	Analyte	Location			MW-15A	MW-14	RW-6	RW-6	MW-31	MW-30	MW-6	MW-27	RW-4	MW-32	MW-33A	RW-3	MW-36	MW-34	INFLUENT	EFFLUENT
		Sample Date	03/27/2025	03/27/2025	03/27/2025	03/27/2025	03/27/2025	03/27/2025	03/27/2025	03/27/2025	03/27/2025	03/27/2025	03/27/2025	03/27/2025	03/27/2025	03/27/2025	03/27/2025	03/27/2025	03/27/2025	03/27/2025
		Sample	TB	EB	N	N	N	FD	N	N	N	N	N	N	N	N	N	N	N	N
		Unit																		
VOCs	1,1,1-Trichloroethane	ug/L	< 1.0 U	< 1.0 U	< 1.0 U	**12**	**21**	**25**	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	**14000**	**4.4**	< 1.0 U	**230**	< 1.0 U	**3.3**	**25**	< 1.0 U
	1,1,2,2-Tetrachloroethane	ug/L	< 1.0 U	< 1.0 U	< 1.0 U	< 2.0 U	< 4.0 U	< 4.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 8000 U	< 1.0 U	< 1.0 U	< 10 U	< 1.0 U	< 2.0 U	< 2.0 U	< 1.0 U
	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113	ug/L	< 1.0 U	< 1.0 U	< 1.0 U	< 2.0 U	< 4.0 U	< 4.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 8000 U	< 1.0 U	< 1.0 U	< 10 U	< 1.0 U	< 2.0 U	< 2.0 U	< 1.0 U
	1,1,2-Trichloroethane	ug/L	< 1.0 U	< 1.0 U	< 1.0 U	< 2.0 U	< 4.0 U	< 4.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 8000 U	< 1.0 U	< 1.0 U	< 10 U	< 1.0 U	< 2.0 U	< 2.0 U	< 1.0 U
	1,1-Dichloroethane	ug/L	< 1.0 U	< 1.0 U	< 1.0 U	**2.4**	**11**	**13**	< 1.0 U	< 1.0 U	**3.3**	< 1.0 U	< 8000 U	< 1.0 U	< 1.0 U	**78**	**0.89 J**	< 2.0 U	**13**	< 1.0 U
	1,1-Dichloroethene	ug/L	< 1.0 U	< 1.0 U	< 1.0 U	< 2.0 U	**9.4**	**12**	< 1.0 U	< 1.0 U	**1.5**	< 1.0 U	< 8000 U	< 1.0 U	< 1.0 U	**30**	< 1.0 U	< 2.0 U	**12**	< 1.0 U
	1,2,4-Trichlorobenzene	ug/L	< 1.0 U	< 1.0 U	< 1.0 U	< 2.0 U	< 4.0 U	< 4.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 8000 U	< 1.0 U	< 1.0 U	< 10 U	< 1.0 U	< 2.0 U	< 2.0 U	< 1.0 U
	1,2-Dibromo-3-chloropropane	ug/L	< 1.0 U	< 1.0 U	< 1.0 U	< 2.0 U	< 4.0 U	< 4.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 8000 U	< 1.0 U	< 1.0 U	< 10 U	< 1.0 U	< 2.0 U	< 2.0 U	< 1.0 U
	1,2-Dichlorobenzene	ug/L	< 1.0 U	< 1.0 U	< 1.0 U	< 2.0 U	< 4.0 U	< 4.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 8000 U	< 1.0 U	< 1.0 U	< 10 U	< 1.0 U	< 2.0 U	< 2.0 U	< 1.0 U
	1,2-Dichloroethane	ug/L	< 1.0 U	< 1.0 U	< 1.0 U	< 2.0 U	< 4.0 U	< 4.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 8000 U	< 1.0 U	< 1.0 U	< 10 U	< 1.0 U	< 2.0 U	< 2.0 U	< 1.0 U
	1,2-Dichloropropane	ug/L	< 1.0 U	< 1.0 U	< 1.0 U	< 2.0 U	< 4.0 U	< 4.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 8000 U	< 1.0 U	< 1.0 U	< 10 U	< 1.0 U	< 2.0 U	< 2.0 U	< 1.0 U
	1,3-Dichlorobenzene	ug/L	< 1.0 U	< 1.0 U	< 1.0 U	< 2.0 U	< 4.0 U	< 4.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 8000 U	< 1.0 U	< 1.0 U	< 10 U	< 1.0 U	< 2.0 U	< 2.0 U	< 1.0 U
	1,4-Dichlorobenzene	ug/L	< 1.0 U	< 1.0 U	< 1.0 U	< 2.0 U	< 4.0 U	< 4.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 8000 U	< 1.0 U	< 1.0 U	< 10 U	< 1.0 U	< 2.0 U	< 2.0 U	< 1.0 U
	2-Butanone (Methyl ethyl ketone)	ug/L	< 10 U	< 10 U	**2.7 J**	**6.8 J**	< 40 U	< 40 U	< 10 U	< 10 U	**9.8 J**	< 10 U	< 80000 U	< 10 U	**5.2 J**	< 100 U	< 10 U	**6.6 J**	< 20 U	< 10 U
	2-Hexanone	ug/L	< 5.0 U	< 5.0 U	< 5.0 U	< 10 U	< 20 U	< 20 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 40000 U	< 5.0 U	< 5.0 U	< 50 U	< 5.0 U	< 10 U	< 10 U	< 5.0 U
	4-Methyl-2-pentanone	ug/L	< 5.0 U	< 5.0 U	< 5.0 U	< 10 U	< 20 U	< 20 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 40000 U	< 5.0 U	< 5.0 U	< 50 U	< 5.0 U	< 10 U	< 10 U	< 5.0 U
	Acetone	ug/L	< 10 U	**15**	**160**	**880**	< 40 U	< 40 U	**130**	**110**	**350**	< 10 U	< 80000 U	**28**	**970**	< 100 U	**47**	**1600**	< 20 U	< 10 U
	Benzene	ug/L	< 1.0 U	< 1.0 U	< 1.0 U	< 2.0 U	< 4.0 U	< 4.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 8000 U	< 1.0 U	< 1.0 U	< 10 U	< 1.0 U	< 2.0 U	< 2.0 U	< 1.0 U
	Bromodichloromethane	ug/L	< 1.0 U	< 1.0 U	< 1.0 U	< 2.0 U	< 4.0 U	< 4.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 8000 U	< 1.0 U	< 1.0 U	< 10 U	< 1.0 U	< 2.0 U	< 2.0 U	< 1.0 U
	Bromoform	ug/L	< 1.0 U	< 1.0 U	< 1.0 U	< 2.0 U	< 4.0 U	< 4.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 8000 U	< 1.0 U	< 1.0 U	< 10 U	< 1.0 U	< 2.0 U	< 2.0 U	< 1.0 U
	Bromomethane	ug/L	< 1.0 U	< 1.0 U	< 1.0 U	< 2.0 U	< 4.0 U	< 4.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 8000 U	< 1.0 U	< 1.0 U	< 10 U	< 1.0 U	< 2.0 U	< 2.0 U	< 1.0 U
	Carbon disulfide	ug/L	< 1.0 U	< 1.0 U	< 1.0 U	< 2.0 U	< 4.0 U	< 4.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 8000 U	< 1.0 U	< 1.0 U	< 10 U	< 1.0 U	< 2.0 U	< 2.0 U	< 1.0 U
	Carbon tetrachloride	ug/L	< 1.0 U	< 1.0 U	< 1.0 U	< 2.0 U	< 4.0 U	< 4.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 8000 U	< 1.0 U	< 1.0 U	< 10 U	< 1.0 U	< 2.0 U	< 2.0 U	< 1.0 U
	Chlorobenzene	ug/L	< 1.0 U	< 1.0 U	< 1.0 U	< 2.0 U	< 4.0 U	< 4.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 8000 U	< 1.0 U	< 1.0 U	< 10 U	< 1.0 U	< 2.0 U	< 2.0 U	< 1.0 U
	Chloroethane	ug/L	< 1.0 U	< 1.0 U	< 1.0 U	< 2.0 U	< 4.0 U	< 4.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 8000 U	< 1.0 U	< 1.0 U	< 10 U	< 1.0 U	< 2.0 U	< 2.0 U	< 1.0 U
	Chloroform	ug/L	< 1.0 U	< 1.0 U	< 1.0 U	< 2.0 U	< 4.0 U	< 4.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 8000 U	< 1.0 U	< 1.0 U	< 10 U	< 1.0 U	< 2.0 U	< 2.0 U	< 1.0 U
	Chloromethane	ug/L	< 1.0 U	< 1.0 U	< 1.0 U	< 2.0 U	< 4.0 U	< 4.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 8000 U	< 1.0 U	< 1.0 U	< 10 U	< 1.0 U	< 2.0 U	< 2.0 U	< 1.0 U
	cis-1,2-Dichloroethene	ug/L	< 1.0 U	< 1.0 U	< 1.0 U	**9.7**	**43**	**47**	< 1.0 U	< 1.0 U	**14**	< 1.0 U	< 8000 U	< 1.0 U	< 1.0 U	**340**	**2.5**	**4.9**	**48**	**2.4**
	cis-1,3-Dichloropropene	ug/L	< 1.0 U	< 1.0 U	< 1.0 U	< 2.0 U	< 4.0 U	< 4.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 8000 U	< 1.0 U	< 1.0 U	< 10 U	< 1.0 U	< 2.0 U	< 2.0 U	< 1.0 U
	Cyclohexane	ug/L	< 1.0 U	< 1.0 U	**0.33 J**	< 2.0 U	< 4.0 U	< 4.0 U	< 1.0 U	**0.77 J**	< 1.0 U	< 1.0 U	< 8000 U	< 1.0 U	< 1.0 U	< 10 U	**0.85 J**	< 2.0 U	< 2.0 U	< 1.0 U
	Dibromochloromethane	ug/L	< 1.0 U	< 1.0 U	< 1.0 U	< 2.0 U	< 4.0 U	< 4.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 8000 U	< 1.0 U	< 1.0 U	< 10 U	< 1.0 U	< 2.0 U	< 2.0 U	< 1.0 U
	Dichlorodifluoromethane (Freon 12)	ug/L	< 1.0 U	< 1.0 U	< 1.0 U	< 2.0 U	< 4.0 U	< 4.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 8000 U	< 1.0 U	< 1.0 U	< 10 U	< 1.0 U	< 2.0 U	< 2.0 U	< 1.0 U
	Ethylbenzene	ug/L	< 1.0 U	< 1.0 U	< 1.0 U	< 2.0 U	< 4.0 U	< 4.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 8000 U	< 1.0 U	< 1.0 U	< 10 U	< 1.0 U	< 2.0 U	< 2.0 U	< 1.0 U
	Ethylene dibromide	ug/L	< 1.0 U	< 1.0 U	< 1.0 U	< 2.0 U	< 4.0 U	< 4.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 8000 U	< 1.0 U	< 1.0 U	< 10 U	< 1.0 U	< 2.0 U	< 2.0 U	< 1.0 U
	Isopropylbenzene (Cumene)	ug/L	< 1.0 U	< 1.0 U	< 1.0 U	< 2.0 U	< 4.0 U	< 4.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 8000 U	< 1.0 U	< 1.0 U	< 10 U	< 1.0 U	< 2.0 U	< 2.0 U	< 1.0 U
	Methyl acetate	ug/L	< 2.5 U	< 2.5 U	< 2.5 U	< 5.0 U	< 10 U	< 10 U	< 2.5 U	< 2.5 U	< 2.5 U	< 2.5 U	< 20000 U	< 2.5 U	< 2.5 U	< 25 U	< 2.5 U	< 5.0 U	< 5.0 U	< 2.5 U
	Methyl tert-butyl ether	ug/L	< 1.0 U	< 1.0 U	< 1.0 U	< 2.0 U	< 4.0 U	< 4.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 8000 U	< 1.0 U	< 1.0 U	< 10 U	< 1.0 U	< 2.0 U	< 2.0 U	< 1.0 U
	Methylcyclohexane	ug/L	< 1.0 U	< 1.0 U	< 1.0 U	< 2.0 U	< 4.0 U	< 4.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 8000 U	< 1.0 U	< 1.0 U	< 10 U	< 1.0 U	< 2.0 U	< 2.0 U	< 1.0 U
	Methylene chloride	ug/L	< 1.0 U	< 1.0 U	< 1.0 U	< 2.0 U	< 4.0 U	< 4.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 8000 U	< 1.0 U	< 1.0 U	< 10 U	< 1.0 U	< 2.0 U	< 2.0 U	< 1.0 U
	Styrene	ug/L	< 1.0 U	< 1.0 U	< 1.0 U	< 2.0 U	< 4.0 U	< 4.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 8000 U	< 1.0 U	< 1.0 U	< 10 U	< 1.0 U	< 2.0 U	< 2.0 U	< 1.0 U
	Tetrachloroethene	ug/L	< 1.0 U	< 1.0 U	< 1.0 U	< 2.0 U	< 4.0 U	< 4.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 8000 U	< 1.0 U	< 1.0 U	< 10 U	< 1.0 U	< 2.0 U	< 2.0 U	< 1.0 U
	Toluene	ug/L	< 1.0 U	< 1.0 U	< 1.0 U	< 2.0 U	< 4.0 U	< 4.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 8000 U	< 1.0 U	< 1.0 U	< 10 U	< 1.0 U	< 2.0 U	< 2.0 U	< 1.0 U
	trans-1,2-Dichloroethene	ug/L	< 1.0 U	< 1.0 U	< 1.0 U	< 2.0 U	< 4.0 U	< 4.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 8000 U	< 1.0 U	< 1.0 U	< 10 U	< 1.0 U	< 2.0 U	< 2.0 U	< 1.0 U
	trans-1,3-Dichloropropene	ug/L	< 1.0 U	< 1.0 U	< 1.0 U	< 2.0 U	< 4.0 U	< 4.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 8000 U	< 1.0 U	< 1.0 U	< 10 U	< 1.0 U	< 2.0 U	< 2.0 U	< 1.0 U
	Trichloroethene	ug/L	< 1.0 U	< 1.0 U	**4.3**	**6.8**	**110**	**120**	< 1.0 U	< 1.0 U	**59**	**0.63 J**	**200000**	**3.6**	**1.5**	**370**	**6.5**	**64**	**130**	**3.7**
	Trichlorofluoromethane (Freon 11)	ug/L	< 1.0 U	< 1.0 U	< 1.0 U	< 2.0 U	< 4.0 U	< 4.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 8000 U	< 1.0 U	< 1.0 U	< 10 U	< 1.0 U	< 2.0 U	< 2.0 U	< 1.0 U
	Vinyl chloride	ug/L	< 1.0 U	< 1.0 U	< 1.0 U	< 2.0 U	< 4.0 U	< 4.0 U	< 1.0 U	< 1.0 U	**1.7**	< 1.0 U	< 8000 U	< 1.0 U	< 1.0 U	**20**	< 1.0 U	< 2.0 U	< 2.0 U	< 1.0 U
	Xylene, Total	ug/L	< 2.0 U	< 2.0 U	< 2.0 U	< 4.0 U	< 8.0 U	< 8.0 U	< 2.0 U	< 2.0 U	< 2.0 U	< 2.0 U	< 16000 U	< 2.0 U	< 2.0 U	< 20 U	< 2.0 U	< 4.0 U	< 4.0 U	< 2.0 U
Tentatively Identified Compounds	Isopropyl alcohol	ug/L	NA	NA	**35 TJN**	**13 TJN**	NA	NA	**30 TJN**	NA	NA	NA	NA	NA	**8.6 TJN**	NA	**32 TJN**	NA	NA	NA
	TICs (Calculated), Total	ug/L	0	0	**35 TJN**	**13 TJN**	0	0	**30 TJN**	**100 TJ**	0	0	0	0	**8.6 TJN**	0	**32 TJN**	0	0	0
	Unknown TIC1	ug/L	NA	NA	NA	NA	NA	NA	NA	**100 TJ**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Notes:

Bold values indicate a detection
ug/L = micrograms per liter
TB = Trip Blank
EB = Equipment Blank
FD = Field Duplicate sample
N = Normal Environmental Sample
NA = not analyzed
J = Reported value is estimated
U = Analyte not detected
TJ = Result is TIC and an estimated value or quality control parameter has exeeded lab limits; result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value
TJN = Result is TIC and an estimated value or quality control parameter has exeeded lab limits; result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value; Presumptive evidence of material

TABLE 4: SUB-SLAB SYSTEM DEPRESSURIZATION VACUUM MONITORING
FORMER ROBINTECH / COMPUDYNE, INC. SITE
NYSDEC SITE NO. 754007

Location	Vacuum Reading With Magnehelic (in H2O)																											
	1/16/2020	2/20/2020	3/20/2020	4/27/2020	5/26/2020	6/11/2020	7/25/2020	8/31/2020	9/25/2020	1/13/2021	2/26/2021	3/16/2021	4/16/2021	5/20/2021	6/22/2021	7/27/2021	8/30/2021	9/27/2021	10/28/2021	11/30/2021	12/29/2021	1/31/2022	2/28/2022	3/17/2022	4/25/2022	5/19/2022	6/9/2022	6/30/2022
1A-1	-0.010	-0.005	-0.010	-0.005	-0.010	0.000	-0.015	-0.010	-0.015	-0.01	-0.01	-0.020	-0.010	-0.015	-0.020	-0.020	-0.020	-0.015	-0.010	-0.010	-0.010	-0.010	-0.020	-0.020	-0.020	-0.015	-0.015	-0.020
1A-2	-0.020	0.000	-0.015	-0.005	-0.015	-0.015	-0.020	-0.015	-0.020	-0.01	-0.01	-0.020	-0.010	-0.020	-0.030	-0.020	-0.020	-0.020	-0.015	-0.020	-0.020	-0.010	-0.020	-0.020	-0.020	-0.020	-0.020	-0.020
1A-3	-0.030	-0.025	-0.030	-0.030	-0.030	-0.030	-0.040	-0.030	-0.040	-0.03	-0.035	-0.030	-0.030	-0.040	-0.045	-0.035	-0.040	-0.040	-0.035	-0.040	-0.030	-0.020	-0.030	-0.030	-0.035	-0.040	-0.040	-0.040
Well 1	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
1B-1	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Well 1	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
2B-1	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	-0.010	0	0	0.000	0.000	0.000	-0.020	-0.015	-0.015	-0.015	-0.005	-0.010	-0.005	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2B-2	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	-0.005	0	0	0.000	0.000	0.000	-0.010	-0.010	-0.015	-0.010	-0.010	-0.010	-0.010	0.000	-0.010	0.000	0.000	-0.020	-0.020	-0.020
2B-3	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	-0.010	0	0	-0.005	0.000	-0.005	-0.020	-0.020	-0.020	-0.020	-0.005	-0.010	-0.010	-0.005	-0.010	-0.010	-0.010	-0.010	-0.010	-0.010
Well 2	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
3B-1	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	-0.005	-0.005	-0.005	-0.005	-0.010
3B-3	-0.015	-0.020	-0.020	-0.020	-0.020	-0.010	-0.020	0.000	-0.020	-0.01	-0.01	-0.010	-0.010	-0.010	-0.030	-0.025	-0.025	-0.020	-0.020	-0.020	-0.020	-0.010	-0.020	-0.020	-0.020	-0.025	-0.030	-0.020
Well 3	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
4B-1	-0.145	-0.130	-0.900	-0.900	-0.100	-0.120	-0.130	-0.120	-0.120	-0.11	-0.1	-0.100	-0.120	-0.070	-0.135	-0.145	-0.155	-0.110	-0.105	-0.110	-0.140	-0.115	-0.145	-0.140	-0.110	-0.100	-0.130	-0.170
4B-2	-0.030	-0.030	-0.020	-0.020	-0.020	-0.020	-0.020	-0.020	-0.030	-0.03	-0.025	-0.030	-0.010	-0.015	-0.035	-0.030	-0.030	-0.030	-0.020	-0.025	-0.025	-0.015	-0.025	-0.020	-0.020	-0.020	-0.020	-0.020
4B-3	-0.160	-0.170	-0.120	-0.110	-0.140	-0.150	-0.150	-0.150	-0.150	-0.14	-0.14	-0.130	-0.100	-0.100	-0.180	-0.190	-0.195	-0.160	-0.140	-0.150	-0.180	-0.135	-0.175	-0.175	-0.145	-0.135	-0.160	-0.150
Well 4	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
5B-2	-0.060	-0.080	-0.040	-0.030	-0.060	-0.080	-0.080	-0.080	-0.075	-0.06	-0.05	-0.050	-0.020	-0.050	-0.095	-0.105	-0.110	-0.075	-0.085	-0.090	-0.090	-0.040	-0.070	-0.080	-0.050	-0.040	-0.090	-0.080
5B-3	-0.110	-0.115	-0.100	-0.100	-0.100	-0.110	-0.110	-0.110	-0.100	-0.09	-0.1	-0.090	-0.075	-0.080	-0.135	-0.135	-0.140	-0.120	-0.120	-0.130	-0.134	-0.115	-0.135	-0.130	-0.115	-0.110	-0.120	-0.115
Well 5	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y

Location	Vacuum Reading With Magnehelic (in H2O)																											
	7/29/2022	8/31/2022	9/30/2022	10/31/2022	11/30/2022	12/31/2022	1/31/2023	2/28/2023	3/31/2023	4/28/2023	5/31/2023	6/30/2023	7/31/2023	8/31/2023	9/29/2023	10/31/2023	11/30/2023	12/13/2023	12/29/2023	1/31/2024	2/29/2024	3/28/2024	4/29/2024	5/30/2024	6/28/2024	7/31/2024	8/30/2024	9/30/2024
1A-1	-0.005	-0.025	-0.015	-0.020	-0.025	-0.025	-0.020	-0.015	-0.020	-0.020	-0.020	-0.020	-0.020	-0.020	-0.020	-0.020	-0.020	-0.010	-0.020	-0.020	-0.020	-0.020	-0.020	-0.020	-0.020	-0.020	-0.020	-0.020
1A-2	-0.005	-0.060	-0.040	-0.030	-0.050	-0.050	-0.040	-0.050	-0.050	-0.020	-0.030	-0.020	-0.020	-0.020	-0.030	-0.025	-0.030	-0.020	-0.030	-0.020	-0.020	-0.020	-0.020	-0.020	-0.040	-0.030	-0.020	-0.020
1A-3	-0.025	-0.050	-0.035	-0.030	-0.040	-0.040	-0.030	-0.040	-0.040	-0.035	-0.040	-0.040	-0.030	-0.040	-0.030	-0.035	-0.030	-0.030	-0.030	-0.030	-0.030	-0.040	-0.030	-0.030	-0.060	-0.040	-0.040	-0.030
Well 1	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
1B-1	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Well 1	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
2B-1	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2B-2	-0.005	-0.020	-0.010	-0.020	-0.025	-0.015	-0.010	-0.015	-0.010	-0.020	-0.020	-0.020	-0.010	-0.020	-0.020	-0.015	-0.020	-0.010	-0.020	-0.010	-0.020	-0.020	-0.020	-0.010	-0.025	-0.020	-0.020	-0.020
2B-3	-0.005	-0.025	-0.020	-0.020	-0.025	-0.020	-0.020	-0.020	-0.020	-0.020	-0.020	-0.020	-0.020	-0.020	-0.020	-0.020	-0.020	-0.010	-0.020	-0.020	-0.020	-0.020	-0.020	-0.020	-0.035	-0.020	-0.020	-0.020
Well 2	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
3B-1	-0.005	-0.035	-0.030	-0.010	-0.040	-0.030	-0.030	-0.030	-0.035	-0.030	-0.030	-0.020	-0.020	-0.030	-0.030	-0.020	-0.030	-0.020	-0.030	-0.020	-0.030	-0.040	-0.030	-0.020	-0.020	-0.025	-0.020	-0.020
3B-3	-0.005	-0.020	-0.010	-0.010	-0.035	-0.020	-0.015	-0.015	0.010	-0.020	-0.020	-0.020	-0.020	-0.020	-0.020	-0.020	-0.020	-0.020	-0.020	-0.020	-0.020	-0.020	-0.020	-0.020	-0.020	-0.020	-0.020	-0.020
Well 3	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
4B-1	-0.120	-0.140	-0.130	-0.140	-0.140	-0.140	-0.140	-0.140	-0.130	-0.120	-0.140	-0.130	-0.120	-0.110	-0.120	-0.130	-0.120	-0.130	-0.140	-0.120	-0.110	-0.110	-0.120	-0.110	-0.120	-0.120	-0.110	-0.110
4B-2	-0.010	-0.030	-0.020	-0.020	-0.030	-0.030	-0.030	-0.020	-0.020	-0.020	-0.030	-0.020	-0.020	-0.030	-0.020	-0.030	-0.030	-0.020	-0.030	-0.020	-0.030	-0.020	-0.030	-0.020	-0.020	-0.030	-0.020	-0.020
4B-3	-0.150	-0.170	-0.160	-0.170	-0.170	-0.160	-0.150	-0.170	-0.150	-0.140	-0.150	-0.160	-0.140	-0.150	-0.140	-0.160	-0.150	-0.150	-0.150	-0.140	-0.150	-0.130	-0.140	-0.140	-0.140	-0.135	-0.130	-0.130
Well 4	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
5B-2	-0.070	-0.120	-0.090	-0.070	-0.080	-0.070	-0.025	-0.030	-0.030	-0.020	-0.080	-0.090	-0.070	-0.070	-0.070	-0.080	-0.070	-0.065	-0.070	-0.060	-0.060	-0.050	-0.060	-0.070	-0.070	-0.065	-0.070	-0.060
5B-3	-0.110	-0.135	-0.110	-0.120	-0.130	-0.135	-0.120	-0.120	-0.110	-0.110	-0.120	-0.120	-0.110	-0.120	-0.110	-0.110	-0.110	-0.120	-0.120	-0.100	-0.110	-0.110	-0.120	-0.110	-0.120	-0.120	-0.120	-0.110
Well 5	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y

Location	Vacuum Reading With Magnehelic (in H2O)						Average
	10/23/2024	11/27/2024	12/23/2024	1/31/2025	2/28/2025	3/31/2025	
1A-1	-0.020	-0.030	-0.020	-0.010	-0.020	-0.010	**-0.013**
1A-2	-0.020	-0.020	-0.020	-0.010	-0.020	-0.020	**-0.017**
1A-3	-0.040	-0.030	-0.030	-0.020	-0.020	-0.020	**-0.030**
Well 1	Y	Y	Y	Y	Y	Y	
1B-1	0.000	0.000	0.000	0.000	0.000	0.000	**-0.001**
Well 1	Y	Y	Y	Y	Y	Y	
2B-1	0.000	0.000	0.000	0.000	0.000	0.000	**-0.003**
2B-2	-0.020	-0.010	-0.020	-0.010	-0.010	-0.020	**-0.010**
2B-3	-0.020	-0.020	-0.020	-0.020	-0.020	-0.020	**-0.011**
Well 2	Y	Y	Y	Y	Y	Y	
3B-1	-0.020	-0.020	-0.020	-0.010	-0.020	C	**-0.011**
3B-3	-0.020	-0.020	-0.020	-0.010	-0.010	C	**-0.013**
Well 3	Y	Y	Y	Y	Y	Y	
4B-1	-0.120	-0.120	-0.120	-0.110	-0.120	-0.110	**-0.113**
4B-2	-0.030	-0.030	-0.020	-0.030	-0.020	-0.030	**-0.020**
4B-3	-0.140	-0.120	-0.130	-0.120	-0.120	-0.130	**-0.126**
Well 4	Y	Y	Y	Y	Y	Y	
5B-2	-0.070	-0.060	-0.070	-0.050	-0.070	-0.060	**-0.065**
5B-3	-0.110	-0.110	-0.120	-0.120	-0.110	-0.120	**-0.115**
Well 5	Y	Y	Y	Y	Y	Y	

Notes:
All vacuum measurements are in inches of water (in H20)
Vacuum measurements are measured and recorded on a monthly basis
Vacuum monitoring points 3B-2 and 5B-1 were inadvertently removed during maintenance activities and/or facility remodel.
Y- indicates there was vacuum at the designated suction point/ well.
C- Removed during demolishing and preparation for IRM
All vacuum measurements were collected by Sanmina personal except the measures summarized for 6 February 2019 which were measured by ERM
NM- not measured due to accessibility issues

Attachment A
March 2025 Analytical Reports

eurofins | Environment Testing

ANALYTICAL REPORT

PREPARED FOR

Attn: Mr. Robert Sents
ERM-Northeast
5784 Widewaters Pkwy
Dewitt, New York 13214

Generated 5/9/2025 4:39:46 PM

JOB DESCRIPTION

Sanmina Investigation - Owego, NY

JOB NUMBER

480-229116-1

Eurofins Buffalo
10 Hazelwood Drive
Amherst NY 14228-2298

See page two for job notes and contact information.

Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Environment Testing Northeast, LLC Project Manager.

Authorization

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5/9/2025 4:39:46 PM

Authorized for release by
John Schove, Project Manager II
John.Schove@et.eurofinsus.com
(716)504-9838

Table of Contents

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
B	Compound was found in the blank and sample.
J	Reported value is estimated.
U	Indicates the analyte was analyzed for but not detected.

GC/MS Semi VOA

Qualifier	Qualifier Description
J	Reported value is estimated.
U	Indicates the analyte was analyzed for but not detected.

GC/MS Semi VOA TICs

Qualifier	Qualifier Description
J	Reported value is estimated.
N	This flag indicates the presumptive evidence of a compound.
T	Result is a tentatively identified compound (TIC) and an estimated value.

GC Semi VOA

Qualifier	Qualifier Description
B	Compound was found in the blank and sample.
J	Reported value is estimated.
TH	QC Recovey is outside acceptable limits biased High.
U	Indicates the analyte was analyzed for but not detected.

LCMS

Qualifier	Qualifier Description
J	Reported value is estimated.
T	Indicated that a quality control parameter has exceeded laboratory limits
U	Indicates the analyte was analyzed for but not detected.

Metals

Qualifier	Qualifier Description
J	Reported value is estimated.
U	Indicates the analyte was analyzed for but not detected.

General Chemistry

Qualifier	Qualifier Description
U	Indicates the analyte was analyzed for but not detected.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit

Glossary (Continued)

Abbreviation	These commonly used abbreviations may or may not be present in this report.
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Job ID: 480-229116-1 Eurofins Buffalo

Job Narrative
480-229116-1

Receipt
The samples were received on 5/1/2025 9:30 AM. Unless otherwise noted below, the samples arrived in good condition, and where required, properly preserved and on ice. The temperature of the cooler at receipt was 3.3º C.

GC/MS VOA
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

GC/MS Semi VOA
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

GC Semi VOA
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Metals
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

LCMS
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

General Chemistry
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Organic Prep
Method 3546: The following samples required a Florisil clean-up, via EPA Method 3620C, to reduce matrix interferences: WC-02(0.5')(04302025) (480-229116-6) and WC-01(0.5')(04302025) (480-229116-7).

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

Detection Summary

Client: ERM-Northeast
Job ID: 480-229116-1
Project/Site: Sanmina Investigation - Owego, NY

Client Sample ID: WC-01 (04302025) — Lab Sample ID: 480-229116-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloroform	1.1	J B	5.6	0.34	ug/Kg	1	☼	8260C	Total/NA
Trichloroethene	4.6	J	5.6	1.2	ug/Kg	1	☼	8260C	Total/NA

Client Sample ID: WC-02 (04302025) — Lab Sample ID: 480-229116-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloroform	0.85	J B	3.9	0.24	ug/Kg	1	☼	8260C	Total/NA
Trichloroethene	1.9	J	3.9	0.86	ug/Kg	1	☼	8260C	Total/NA

Client Sample ID: WC-03 (04302025) — Lab Sample ID: 480-229116-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloroform	0.55	J B	2.6	0.16	ug/Kg	1	☼	8260C	Total/NA
Tetrachloroethene	1.1	J	2.6	0.35	ug/Kg	1	☼	8260C	Total/NA
Toluene	0.26	J	2.6	0.20	ug/Kg	1	☼	8260C	Total/NA
Trichloroethene	11		2.6	0.57	ug/Kg	1	☼	8260C	Total/NA

Client Sample ID: WC-04 (04302025) — Lab Sample ID: 480-229116-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1,1-Trichloroethane	0.49	J	2.9	0.21	ug/Kg	1	☼	8260C	Total/NA
Chloroform	0.61	J B	2.9	0.18	ug/Kg	1	☼	8260C	Total/NA
Tetrachloroethene	1.7	J	2.9	0.38	ug/Kg	1	☼	8260C	Total/NA
Toluene	0.43	J	2.9	0.22	ug/Kg	1	☼	8260C	Total/NA
Trichloroethene	26		2.9	0.63	ug/Kg	1	☼	8260C	Total/NA

Client Sample ID: WC-05 (04302025) — Lab Sample ID: 480-229116-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloroform	0.67	J B	3.1	0.19	ug/Kg	1	☼	8260C	Total/NA
Trichloroethene	1.9	J	3.1	0.69	ug/Kg	1	☼	8260C	Total/NA

Client Sample ID: WC-02(0.5')(04302025) — Lab Sample ID: 480-229116-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Bis(2-ethylhexyl) phthalate	110	J	190	64	ug/Kg	1	☼	8270D	Total/NA
Butyl benzyl phthalate	33	J	190	31	ug/Kg	1	☼	8270D	Total/NA
Di-n-butyl phthalate	37	J	190	32	ug/Kg	1	☼	8270D	Total/NA
Fluoranthene	32	J	190	20	ug/Kg	1	☼	8270D	Total/NA
Pyrene	25	J	190	22	ug/Kg	1	☼	8270D	Total/NA
4,4'-DDE	12	J	36	7.5	ug/Kg	10	☼	8081B	Total/NA
4,4'-DDT	55		36	8.3	ug/Kg	10	☼	8081B	Total/NA
Methoxychlor	45	B	36	7.3	ug/Kg	10	☼	8081B	Total/NA
PCB-1254	0.31		0.24	0.11	mg/Kg	1	☼	8082A	Total/NA
Perfluorooctanesulfonic acid (PFOS)	0.55		0.19	0.11	ng/g	1	☼	1633	Total/NA
Perfluorooctanoic acid (PFOA)	0.070	J	0.19	0.058	ng/g	1	☼	1633	Total/NA
Aluminum	17000		11.0	9.5	mg/Kg	1	☼	6010C	Total/NA
Arsenic	10.4		2.2	0.97	mg/Kg	1	☼	6010C	Total/NA
Barium	106		0.55	0.15	mg/Kg	1	☼	6010C	Total/NA
Beryllium	0.63		0.22	0.044	mg/Kg	1	☼	6010C	Total/NA
Calcium	1770		55.1	29.7	mg/Kg	1	☼	6010C	Total/NA
Chromium	592		0.55	0.40	mg/Kg	1	☼	6010C	Total/NA
Cobalt	13.1		0.55	0.11	mg/Kg	1	☼	6010C	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: WC-02(0.5')(04302025) (Continued)
Lab Sample ID: 480-229116-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Copper	246		1.1	0.63	mg/Kg	1	☼	6010C	Total/NA
Iron	33700		11.0	9.3	mg/Kg	1	☼	6010C	Total/NA
Lead	51.0		1.1	0.51	mg/Kg	1	☼	6010C	Total/NA
Magnesium	4410		22.0	9.3	mg/Kg	1	☼	6010C	Total/NA
Manganese	554		1.1	0.31	mg/Kg	1	☼	6010C	Total/NA
Nickel	41.0		5.5	0.28	mg/Kg	1	☼	6010C	Total/NA
Potassium	1750		33.0	26.7	mg/Kg	1	☼	6010C	Total/NA
Silver	0.63	J	0.66	0.22	mg/Kg	1	☼	6010C	Total/NA
Sodium	98.0	J	154	67.5	mg/Kg	1	☼	6010C	Total/NA
Vanadium	23.6		0.55	0.14	mg/Kg	1	☼	6010C	Total/NA
Zinc	72.7		2.2	1.1	mg/Kg	1	☼	6010C	Total/NA
Mercury	0.043		0.021	0.0049	mg/Kg	1	☼	7471B	Total/NA
Cr (VI)	10.7		0.46	0.15	mg/Kg	1	☼	7196A	Total/NA

Client Sample ID: WC-01(0.5')(04302025)
Lab Sample ID: 480-229116-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Bis(2-ethylhexyl) phthalate	760	J	950	320	ug/Kg	5	☼	8270D	Total/NA
Butyl benzyl phthalate	200	J	950	160	ug/Kg	5	☼	8270D	Total/NA
Di-n-octyl phthalate	120	J	950	110	ug/Kg	5	☼	8270D	Total/NA
Fluoranthene	140	J	950	100	ug/Kg	5	☼	8270D	Total/NA
4,4'-DDE	40		18	3.8	ug/Kg	5	☼	8081B	Total/NA
4,4'-DDT	120		18	4.2	ug/Kg	5	☼	8081B	Total/NA
Dieldrin	6.0	J	18	4.3	ug/Kg	5	☼	8081B	Total/NA
Endosulfan I	14	J	18	3.5	ug/Kg	5	☼	8081B	Total/NA
Endosulfan II	9.0	J	18	3.3	ug/Kg	5	☼	8081B	Total/NA
Endrin	6.9	J	18	3.6	ug/Kg	5	☼	8081B	Total/NA
Endrin ketone	8.8	J B	18	4.5	ug/Kg	5	☼	8081B	Total/NA
Heptachlor epoxide	8.1	J	18	4.7	ug/Kg	5	☼	8081B	Total/NA
PCB-1254	1.6		0.25	0.12	mg/Kg	1	☼	8082A	Total/NA
Perfluorooctanesulfonic acid (PFOS)	0.14	J	0.19	0.11	ng/g	1	☼	1633	Total/NA
Aluminum	16900		11.6	10	mg/Kg	1	☼	6010C	Total/NA
Arsenic	8.4		2.3	1.0	mg/Kg	1	☼	6010C	Total/NA
Barium	121		0.58	0.16	mg/Kg	1	☼	6010C	Total/NA
Beryllium	0.69		0.23	0.046	mg/Kg	1	☼	6010C	Total/NA
Cadmium	0.11	J	0.23	0.081	mg/Kg	1	☼	6010C	Total/NA
Calcium	1040		57.8	31.2	mg/Kg	1	☼	6010C	Total/NA
Chromium	60.5		0.58	0.42	mg/Kg	1	☼	6010C	Total/NA
Cobalt	12.4		0.58	0.12	mg/Kg	1	☼	6010C	Total/NA
Copper	1340		5.8	3.3	mg/Kg	5	☼	6010C	Total/NA
Iron	34100		11.6	9.8	mg/Kg	1	☼	6010C	Total/NA
Lead	282		1.2	0.53	mg/Kg	1	☼	6010C	Total/NA
Magnesium	4330		23.1	9.8	mg/Kg	1	☼	6010C	Total/NA
Manganese	596		1.2	0.32	mg/Kg	1	☼	6010C	Total/NA
Nickel	50.5		5.8	0.29	mg/Kg	1	☼	6010C	Total/NA
Potassium	1480		34.7	28.0	mg/Kg	1	☼	6010C	Total/NA
Silver	0.39	J	0.69	0.23	mg/Kg	1	☼	6010C	Total/NA
Sodium	100	J	162	70.9	mg/Kg	1	☼	6010C	Total/NA
Vanadium	22.9		0.58	0.15	mg/Kg	1	☼	6010C	Total/NA
Zinc	78.0		2.3	1.2	mg/Kg	1	☼	6010C	Total/NA
Mercury	0.031		0.022	0.0050	mg/Kg	1	☼	7471B	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: WC-01(0.5')(04302025) (Continued)
Lab Sample ID: 480-229116-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Cr (VI)	2.2		0.46	0.15	mg/Kg	1	☼	7196A	Total/NA

This Detection Summary does not include radiochemical test results.

Client: ERM-Northeast
Job ID: 480-229116-1
Project/Site: Sanmina Investigation - Owego, NY

Client Sample ID: WC-01 (04302025)
Lab Sample ID: 480-229116-1
Date Collected: 04/30/25 08:00
Matrix: Solid
Date Received: 05/01/25 09:30
Percent Solids: 58.7

Method: SW846 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	5.6	U	5.6	0.40	ug/Kg	☼	05/01/25 11:00	05/01/25 22:22	1
1,1,2,2-Tetrachloroethane	5.6	U	5.6	0.90	ug/Kg	☼	05/01/25 11:00	05/01/25 22:22	1
1,1,2-Trichloro-1,2,2-trifluoroethane	5.6	U	5.6	1.3	ug/Kg	☼	05/01/25 11:00	05/01/25 22:22	1
1,1,2-Trichloroethane	5.6	U	5.6	0.72	ug/Kg	☼	05/01/25 11:00	05/01/25 22:22	1
1,1-Dichloroethane	5.6	U	5.6	0.68	ug/Kg	☼	05/01/25 11:00	05/01/25 22:22	1
1,1-Dichloroethene	5.6	U	5.6	0.68	ug/Kg	☼	05/01/25 11:00	05/01/25 22:22	1
1,2,4-Trichlorobenzene	5.6	U	5.6	0.34	ug/Kg	☼	05/01/25 11:00	05/01/25 22:22	1
1,2-Dibromo-3-Chloropropane	5.6	U	5.6	2.8	ug/Kg	☼	05/01/25 11:00	05/01/25 22:22	1
1,2-Dibromoethane	5.6	U	5.6	0.71	ug/Kg	☼	05/01/25 11:00	05/01/25 22:22	1
1,2-Dichlorobenzene	5.6	U	5.6	0.43	ug/Kg	☼	05/01/25 11:00	05/01/25 22:22	1
1,2-Dichloroethane	5.6	U	5.6	0.28	ug/Kg	☼	05/01/25 11:00	05/01/25 22:22	1
1,2-Dichloropropane	5.6	U	5.6	2.8	ug/Kg	☼	05/01/25 11:00	05/01/25 22:22	1
1,3-Dichlorobenzene	5.6	U	5.6	0.29	ug/Kg	☼	05/01/25 11:00	05/01/25 22:22	1
1,4-Dichlorobenzene	5.6	U	5.6	0.78	ug/Kg	☼	05/01/25 11:00	05/01/25 22:22	1
2-Butanone (MEK)	28	U	28	2.0	ug/Kg	☼	05/01/25 11:00	05/01/25 22:22	1
2-Hexanone	28	U	28	2.8	ug/Kg	☼	05/01/25 11:00	05/01/25 22:22	1
4-Methyl-2-pentanone (MIBK)	28	U	28	1.8	ug/Kg	☼	05/01/25 11:00	05/01/25 22:22	1
Acetone	28	U	28	4.7	ug/Kg	☼	05/01/25 11:00	05/01/25 22:22	1
Benzene	5.6	U	5.6	0.27	ug/Kg	☼	05/01/25 11:00	05/01/25 22:22	1
Bromodichloromethane	5.6	U	5.6	0.74	ug/Kg	☼	05/01/25 11:00	05/01/25 22:22	1
Bromoform	5.6	U	5.6	2.8	ug/Kg	☼	05/01/25 11:00	05/01/25 22:22	1
Bromomethane	5.6	U	5.6	0.50	ug/Kg	☼	05/01/25 11:00	05/01/25 22:22	1
Carbon disulfide	5.6	U	5.6	2.8	ug/Kg	☼	05/01/25 11:00	05/01/25 22:22	1
Carbon tetrachloride	5.6	U	5.6	0.54	ug/Kg	☼	05/01/25 11:00	05/01/25 22:22	1
Chlorobenzene	5.6	U	5.6	0.73	ug/Kg	☼	05/01/25 11:00	05/01/25 22:22	1
Chloroethane	5.6	U	5.6	1.3	ug/Kg	☼	05/01/25 11:00	05/01/25 22:22	1
Chloroform	**1.1**	**J B**	5.6	0.34	ug/Kg	☼	05/01/25 11:00	05/01/25 22:22	1
Chloromethane	5.6	U	5.6	0.34	ug/Kg	☼	05/01/25 11:00	05/01/25 22:22	1
cis-1,2-Dichloroethene	5.6	U	5.6	0.71	ug/Kg	☼	05/01/25 11:00	05/01/25 22:22	1
cis-1,3-Dichloropropene	5.6	U	5.6	0.80	ug/Kg	☼	05/01/25 11:00	05/01/25 22:22	1
Cyclohexane	5.6	U	5.6	0.78	ug/Kg	☼	05/01/25 11:00	05/01/25 22:22	1
Dibromochloromethane	5.6	U	5.6	0.71	ug/Kg	☼	05/01/25 11:00	05/01/25 22:22	1
Dichlorodifluoromethane	5.6	U	5.6	0.46	ug/Kg	☼	05/01/25 11:00	05/01/25 22:22	1
Ethylbenzene	5.6	U	5.6	0.38	ug/Kg	☼	05/01/25 11:00	05/01/25 22:22	1
Isopropylbenzene	5.6	U	5.6	0.84	ug/Kg	☼	05/01/25 11:00	05/01/25 22:22	1
Methyl acetate	28	U	28	3.4	ug/Kg	☼	05/01/25 11:00	05/01/25 22:22	1
Methyl tert-butyl ether	5.6	U	5.6	0.55	ug/Kg	☼	05/01/25 11:00	05/01/25 22:22	1
Methylcyclohexane	5.6	U	5.6	0.84	ug/Kg	☼	05/01/25 11:00	05/01/25 22:22	1
Methylene Chloride	5.6	U	5.6	2.6	ug/Kg	☼	05/01/25 11:00	05/01/25 22:22	1
Styrene	5.6	U	5.6	0.28	ug/Kg	☼	05/01/25 11:00	05/01/25 22:22	1
Tetrachloroethene	5.6	U	5.6	0.75	ug/Kg	☼	05/01/25 11:00	05/01/25 22:22	1
Toluene	5.6	U	5.6	0.42	ug/Kg	☼	05/01/25 11:00	05/01/25 22:22	1
trans-1,2-Dichloroethene	5.6	U	5.6	0.57	ug/Kg	☼	05/01/25 11:00	05/01/25 22:22	1
trans-1,3-Dichloropropene	5.6	U	5.6	2.4	ug/Kg	☼	05/01/25 11:00	05/01/25 22:22	1
Trichloroethene	**4.6**	**J**	5.6	1.2	ug/Kg	☼	05/01/25 11:00	05/01/25 22:22	1
Trichlorofluoromethane	5.6	U	5.6	0.53	ug/Kg	☼	05/01/25 11:00	05/01/25 22:22	1
Vinyl chloride	5.6	U	5.6	0.68	ug/Kg	☼	05/01/25 11:00	05/01/25 22:22	1
Xylenes, Total	11	U	11	0.93	ug/Kg	☼	05/01/25 11:00	05/01/25 22:22	1

Client Sample ID: WC-01 (04302025)
Lab Sample ID: 480-229116-1

Date Collected: 04/30/25 08:00
Matrix: Solid
Date Received: 05/01/25 09:30
Percent Solids: 58.7

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Tentatively Identified Compound	None		ug/Kg	☼		N/A	05/01/25 11:00	05/01/25 22:22	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	107		64 - 126	05/01/25 11:00	05/01/25 22:22	1
4-Bromofluorobenzene (Surr)	97		72 - 126	05/01/25 11:00	05/01/25 22:22	1
Dibromofluoromethane (Surr)	101		60 - 140	05/01/25 11:00	05/01/25 22:22	1
Toluene-d8 (Surr)	95		71 - 125	05/01/25 11:00	05/01/25 22:22	1

Client Sample ID: WC-02 (04302025)
Lab Sample ID: 480-229116-2

Date Collected: 04/30/25 08:15
Matrix: Solid
Date Received: 05/01/25 09:30
Percent Solids: 90.8

Method: SW846 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	3.9	U	3.9	0.28	ug/Kg	☼	05/01/25 11:00	05/01/25 22:46	1
1,1,2,2-Tetrachloroethane	3.9	U	3.9	0.63	ug/Kg	☼	05/01/25 11:00	05/01/25 22:46	1
1,1,2-Trichloro-1,2,2-trifluoroethane	3.9	U	3.9	0.89	ug/Kg	☼	05/01/25 11:00	05/01/25 22:46	1
1,1,2-Trichloroethane	3.9	U	3.9	0.51	ug/Kg	☼	05/01/25 11:00	05/01/25 22:46	1
1,1-Dichloroethane	3.9	U	3.9	0.47	ug/Kg	☼	05/01/25 11:00	05/01/25 22:46	1
1,1-Dichloroethene	3.9	U	3.9	0.48	ug/Kg	☼	05/01/25 11:00	05/01/25 22:46	1
1,2,4-Trichlorobenzene	3.9	U	3.9	0.24	ug/Kg	☼	05/01/25 11:00	05/01/25 22:46	1
1,2-Dibromo-3-Chloropropane	3.9	U	3.9	1.9	ug/Kg	☼	05/01/25 11:00	05/01/25 22:46	1
1,2-Dibromoethane	3.9	U	3.9	0.50	ug/Kg	☼	05/01/25 11:00	05/01/25 22:46	1
1,2-Dichlorobenzene	3.9	U	3.9	0.30	ug/Kg	☼	05/01/25 11:00	05/01/25 22:46	1
1,2-Dichloroethane	3.9	U	3.9	0.20	ug/Kg	☼	05/01/25 11:00	05/01/25 22:46	1
1,2-Dichloropropane	3.9	U	3.9	1.9	ug/Kg	☼	05/01/25 11:00	05/01/25 22:46	1
1,3-Dichlorobenzene	3.9	U	3.9	0.20	ug/Kg	☼	05/01/25 11:00	05/01/25 22:46	1
1,4-Dichlorobenzene	3.9	U	3.9	0.54	ug/Kg	☼	05/01/25 11:00	05/01/25 22:46	1
2-Butanone (MEK)	19	U	19	1.4	ug/Kg	☼	05/01/25 11:00	05/01/25 22:46	1
2-Hexanone	19	U	19	1.9	ug/Kg	☼	05/01/25 11:00	05/01/25 22:46	1
4-Methyl-2-pentanone (MIBK)	19	U	19	1.3	ug/Kg	☼	05/01/25 11:00	05/01/25 22:46	1
Acetone	19	U	19	3.3	ug/Kg	☼	05/01/25 11:00	05/01/25 22:46	1
Benzene	3.9	U	3.9	0.19	ug/Kg	☼	05/01/25 11:00	05/01/25 22:46	1
Bromodichloromethane	3.9	U	3.9	0.52	ug/Kg	☼	05/01/25 11:00	05/01/25 22:46	1
Bromoform	3.9	U	3.9	1.9	ug/Kg	☼	05/01/25 11:00	05/01/25 22:46	1
Bromomethane	3.9	U	3.9	0.35	ug/Kg	☼	05/01/25 11:00	05/01/25 22:46	1
Carbon disulfide	3.9	U	3.9	1.9	ug/Kg	☼	05/01/25 11:00	05/01/25 22:46	1
Carbon tetrachloride	3.9	U	3.9	0.38	ug/Kg	☼	05/01/25 11:00	05/01/25 22:46	1
Chlorobenzene	3.9	U	3.9	0.51	ug/Kg	☼	05/01/25 11:00	05/01/25 22:46	1
Chloroethane	3.9	U	3.9	0.88	ug/Kg	☼	05/01/25 11:00	05/01/25 22:46	1
Chloroform	**0.85**	**J B**	3.9	0.24	ug/Kg	☼	05/01/25 11:00	05/01/25 22:46	1
Chloromethane	3.9	U	3.9	0.23	ug/Kg	☼	05/01/25 11:00	05/01/25 22:46	1
cis-1,2-Dichloroethene	3.9	U	3.9	0.50	ug/Kg	☼	05/01/25 11:00	05/01/25 22:46	1
cis-1,3-Dichloropropene	3.9	U	3.9	0.56	ug/Kg	☼	05/01/25 11:00	05/01/25 22:46	1
Cyclohexane	3.9	U	3.9	0.54	ug/Kg	☼	05/01/25 11:00	05/01/25 22:46	1
Dibromochloromethane	3.9	U	3.9	0.50	ug/Kg	☼	05/01/25 11:00	05/01/25 22:46	1
Dichlorodifluoromethane	3.9	U	3.9	0.32	ug/Kg	☼	05/01/25 11:00	05/01/25 22:46	1
Ethylbenzene	3.9	U	3.9	0.27	ug/Kg	☼	05/01/25 11:00	05/01/25 22:46	1
Isopropylbenzene	3.9	U	3.9	0.59	ug/Kg	☼	05/01/25 11:00	05/01/25 22:46	1
Methyl acetate	19	U	19	2.3	ug/Kg	☼	05/01/25 11:00	05/01/25 22:46	1
Methyl tert-butyl ether	3.9	U	3.9	0.38	ug/Kg	☼	05/01/25 11:00	05/01/25 22:46	1

Client: ERM-Northeast
Job ID: 480-229116-1
Project/Site: Sanmina Investigation - Owego, NY

Client Sample ID: WC-02 (04302025)

Lab Sample ID: 480-229116-2
Date Collected: 04/30/25 08:15
Matrix: Solid
Date Received: 05/01/25 09:30
Percent Solids: 90.8

Method: SW846 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methylcyclohexane	3.9	U	3.9	0.59	ug/Kg	☼	05/01/25 11:00	05/01/25 22:46	1
Methylene Chloride	3.9	U	3.9	1.8	ug/Kg	☼	05/01/25 11:00	05/01/25 22:46	1
Styrene	3.9	U	3.9	0.19	ug/Kg	☼	05/01/25 11:00	05/01/25 22:46	1
Tetrachloroethene	3.9	U	3.9	0.52	ug/Kg	☼	05/01/25 11:00	05/01/25 22:46	1
Toluene	3.9	U	3.9	0.29	ug/Kg	☼	05/01/25 11:00	05/01/25 22:46	1
trans-1,2-Dichloroethene	3.9	U	3.9	0.40	ug/Kg	☼	05/01/25 11:00	05/01/25 22:46	1
trans-1,3-Dichloropropene	3.9	U	3.9	1.7	ug/Kg	☼	05/01/25 11:00	05/01/25 22:46	1
Trichloroethene	**1.9**	**J**	3.9	0.86	ug/Kg	☼	05/01/25 11:00	05/01/25 22:46	1
Trichlorofluoromethane	3.9	U	3.9	0.37	ug/Kg	☼	05/01/25 11:00	05/01/25 22:46	1
Vinyl chloride	3.9	U	3.9	0.47	ug/Kg	☼	05/01/25 11:00	05/01/25 22:46	1
Xylenes, Total	7.8	U	7.8	0.65	ug/Kg	☼	05/01/25 11:00	05/01/25 22:46	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*ug/Kg*	☼		*N/A*	*05/01/25 11:00*	*05/01/25 22:46*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*107*		*64 - 126*	*05/01/25 11:00*	*05/01/25 22:46*	*1*
4-Bromofluorobenzene (Surr)	*100*		*72 - 126*	*05/01/25 11:00*	*05/01/25 22:46*	*1*
Dibromofluoromethane (Surr)	*104*		*60 - 140*	*05/01/25 11:00*	*05/01/25 22:46*	*1*
Toluene-d8 (Surr)	*97*		*71 - 125*	*05/01/25 11:00*	*05/01/25 22:46*	*1*

Client Sample ID: WC-03 (04302025)

Lab Sample ID: 480-229116-3
Date Collected: 04/30/25 08:30
Matrix: Solid
Date Received: 05/01/25 09:30
Percent Solids: 90.8

Method: SW846 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	2.6	U	2.6	0.19	ug/Kg	☼	05/01/25 11:00	05/01/25 23:10	1
1,1,2,2-Tetrachloroethane	2.6	U	2.6	0.42	ug/Kg	☼	05/01/25 11:00	05/01/25 23:10	1
1,1,2-Trichloro-1,2,2-trifluoroethane	2.6	U	2.6	0.60	ug/Kg	☼	05/01/25 11:00	05/01/25 23:10	1
1,1,2-Trichloroethane	2.6	U	2.6	0.34	ug/Kg	☼	05/01/25 11:00	05/01/25 23:10	1
1,1-Dichloroethane	2.6	U	2.6	0.32	ug/Kg	☼	05/01/25 11:00	05/01/25 23:10	1
1,1-Dichloroethene	2.6	U	2.6	0.32	ug/Kg	☼	05/01/25 11:00	05/01/25 23:10	1
1,2,4-Trichlorobenzene	2.6	U	2.6	0.16	ug/Kg	☼	05/01/25 11:00	05/01/25 23:10	1
1,2-Dibromo-3-Chloropropane	2.6	U	2.6	1.3	ug/Kg	☼	05/01/25 11:00	05/01/25 23:10	1
1,2-Dibromoethane	2.6	U	2.6	0.34	ug/Kg	☼	05/01/25 11:00	05/01/25 23:10	1
1,2-Dichlorobenzene	2.6	U	2.6	0.20	ug/Kg	☼	05/01/25 11:00	05/01/25 23:10	1
1,2-Dichloroethane	2.6	U	2.6	0.13	ug/Kg	☼	05/01/25 11:00	05/01/25 23:10	1
1,2-Dichloropropane	2.6	U	2.6	1.3	ug/Kg	☼	05/01/25 11:00	05/01/25 23:10	1
1,3-Dichlorobenzene	2.6	U	2.6	0.13	ug/Kg	☼	05/01/25 11:00	05/01/25 23:10	1
1,4-Dichlorobenzene	2.6	U	2.6	0.37	ug/Kg	☼	05/01/25 11:00	05/01/25 23:10	1
2-Butanone (MEK)	13	U	13	0.96	ug/Kg	☼	05/01/25 11:00	05/01/25 23:10	1
2-Hexanone	13	U	13	1.3	ug/Kg	☼	05/01/25 11:00	05/01/25 23:10	1
4-Methyl-2-pentanone (MIBK)	13	U	13	0.86	ug/Kg	☼	05/01/25 11:00	05/01/25 23:10	1
Acetone	13	U	13	2.2	ug/Kg	☼	05/01/25 11:00	05/01/25 23:10	1
Benzene	2.6	U	2.6	0.13	ug/Kg	☼	05/01/25 11:00	05/01/25 23:10	1
Bromodichloromethane	2.6	U	2.6	0.35	ug/Kg	☼	05/01/25 11:00	05/01/25 23:10	1
Bromoform	2.6	U	2.6	1.3	ug/Kg	☼	05/01/25 11:00	05/01/25 23:10	1
Bromomethane	2.6	U	2.6	0.23	ug/Kg	☼	05/01/25 11:00	05/01/25 23:10	1
Carbon disulfide	2.6	U	2.6	1.3	ug/Kg	☼	05/01/25 11:00	05/01/25 23:10	1

Client Sample ID: WC-03 (04302025)

Lab Sample ID: 480-229116-3
Date Collected: 04/30/25 08:30
Matrix: Solid
Date Received: 05/01/25 09:30
Percent Solids: 90.8

Method: SW846 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon tetrachloride	2.6	U	2.6	0.25	ug/Kg	☼	05/01/25 11:00	05/01/25 23:10	1
Chlorobenzene	2.6	U	2.6	0.34	ug/Kg	☼	05/01/25 11:00	05/01/25 23:10	1
Chloroethane	2.6	U	2.6	0.59	ug/Kg	☼	05/01/25 11:00	05/01/25 23:10	1
Chloroform	**0.55**	**J B**	2.6	0.16	ug/Kg	☼	05/01/25 11:00	05/01/25 23:10	1
Chloromethane	2.6	U	2.6	0.16	ug/Kg	☼	05/01/25 11:00	05/01/25 23:10	1
cis-1,2-Dichloroethene	2.6	U	2.6	0.33	ug/Kg	☼	05/01/25 11:00	05/01/25 23:10	1
cis-1,3-Dichloropropene	2.6	U	2.6	0.38	ug/Kg	☼	05/01/25 11:00	05/01/25 23:10	1
Cyclohexane	2.6	U	2.6	0.37	ug/Kg	☼	05/01/25 11:00	05/01/25 23:10	1
Dibromochloromethane	2.6	U	2.6	0.33	ug/Kg	☼	05/01/25 11:00	05/01/25 23:10	1
Dichlorodifluoromethane	2.6	U	2.6	0.22	ug/Kg	☼	05/01/25 11:00	05/01/25 23:10	1
Ethylbenzene	2.6	U	2.6	0.18	ug/Kg	☼	05/01/25 11:00	05/01/25 23:10	1
Isopropylbenzene	2.6	U	2.6	0.39	ug/Kg	☼	05/01/25 11:00	05/01/25 23:10	1
Methyl acetate	13	U	13	1.6	ug/Kg	☼	05/01/25 11:00	05/01/25 23:10	1
Methyl tert-butyl ether	2.6	U	2.6	0.26	ug/Kg	☼	05/01/25 11:00	05/01/25 23:10	1
Methylcyclohexane	2.6	U	2.6	0.40	ug/Kg	☼	05/01/25 11:00	05/01/25 23:10	1
Methylene Chloride	2.6	U	2.6	1.2	ug/Kg	☼	05/01/25 11:00	05/01/25 23:10	1
Styrene	2.6	U	2.6	0.13	ug/Kg	☼	05/01/25 11:00	05/01/25 23:10	1
Tetrachloroethene	**1.1**	**J**	2.6	0.35	ug/Kg	☼	05/01/25 11:00	05/01/25 23:10	1
Toluene	**0.26**	**J**	2.6	0.20	ug/Kg	☼	05/01/25 11:00	05/01/25 23:10	1
trans-1,2-Dichloroethene	2.6	U	2.6	0.27	ug/Kg	☼	05/01/25 11:00	05/01/25 23:10	1
trans-1,3-Dichloropropene	2.6	U	2.6	1.1	ug/Kg	☼	05/01/25 11:00	05/01/25 23:10	1
Trichloroethene	**11**		2.6	0.57	ug/Kg	☼	05/01/25 11:00	05/01/25 23:10	1
Trichlorofluoromethane	2.6	U	2.6	0.25	ug/Kg	☼	05/01/25 11:00	05/01/25 23:10	1
Vinyl chloride	2.6	U	2.6	0.32	ug/Kg	☼	05/01/25 11:00	05/01/25 23:10	1
Xylenes, Total	5.2	U	5.2	0.44	ug/Kg	☼	05/01/25 11:00	05/01/25 23:10	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*ug/Kg*	☼		*N/A*	*05/01/25 11:00*	*05/01/25 23:10*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*107*		*64 - 126*	*05/01/25 11:00*	*05/01/25 23:10*	*1*
4-Bromofluorobenzene (Surr)	*96*		*72 - 126*	*05/01/25 11:00*	*05/01/25 23:10*	*1*
Dibromofluoromethane (Surr)	*102*		*60 - 140*	*05/01/25 11:00*	*05/01/25 23:10*	*1*
Toluene-d8 (Surr)	*97*		*71 - 125*	*05/01/25 11:00*	*05/01/25 23:10*	*1*

Client Sample ID: WC-04 (04302025)

Lab Sample ID: 480-229116-4
Date Collected: 04/30/25 08:45
Matrix: Solid
Date Received: 05/01/25 09:30
Percent Solids: 87.9

Method: SW846 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	**0.49**	**J**	2.9	0.21	ug/Kg	☼	05/01/25 11:00	05/01/25 23:34	1
1,1,2,2-Tetrachloroethane	2.9	U	2.9	0.46	ug/Kg	☼	05/01/25 11:00	05/01/25 23:34	1
1,1,2-Trichloro-1,2,2-trifluoroethane	2.9	U	2.9	0.65	ug/Kg	☼	05/01/25 11:00	05/01/25 23:34	1
1,1,2-Trichloroethane	2.9	U	2.9	0.37	ug/Kg	☼	05/01/25 11:00	05/01/25 23:34	1
1,1-Dichloroethane	2.9	U	2.9	0.35	ug/Kg	☼	05/01/25 11:00	05/01/25 23:34	1
1,1-Dichloroethene	2.9	U	2.9	0.35	ug/Kg	☼	05/01/25 11:00	05/01/25 23:34	1
1,2,4-Trichlorobenzene	2.9	U	2.9	0.17	ug/Kg	☼	05/01/25 11:00	05/01/25 23:34	1
1,2-Dibromo-3-Chloropropane	2.9	U	2.9	1.4	ug/Kg	☼	05/01/25 11:00	05/01/25 23:34	1
1,2-Dibromoethane	2.9	U	2.9	0.37	ug/Kg	☼	05/01/25 11:00	05/01/25 23:34	1

Client: ERM-Northeast
Job ID: 480-229116-1
Project/Site: Sanmina Investigation - Owego, NY

Client Sample ID: WC-04 (04302025)
Lab Sample ID: 480-229116-4
Date Collected: 04/30/25 08:45
Matrix: Solid
Date Received: 05/01/25 09:30
Percent Solids: 87.9

Method: SW846 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichlorobenzene	2.9	U	2.9	0.22	ug/Kg	☼	05/01/25 11:00	05/01/25 23:34	1
1,2-Dichloroethane	2.9	U	2.9	0.14	ug/Kg	☼	05/01/25 11:00	05/01/25 23:34	1
1,2-Dichloropropane	2.9	U	2.9	1.4	ug/Kg	☼	05/01/25 11:00	05/01/25 23:34	1
1,3-Dichlorobenzene	2.9	U	2.9	0.15	ug/Kg	☼	05/01/25 11:00	05/01/25 23:34	1
1,4-Dichlorobenzene	2.9	U	2.9	0.40	ug/Kg	☼	05/01/25 11:00	05/01/25 23:34	1
2-Butanone (MEK)	14	U	14	1.0	ug/Kg	☼	05/01/25 11:00	05/01/25 23:34	1
2-Hexanone	14	U	14	1.4	ug/Kg	☼	05/01/25 11:00	05/01/25 23:34	1
4-Methyl-2-pentanone (MIBK)	14	U	14	0.94	ug/Kg	☼	05/01/25 11:00	05/01/25 23:34	1
Acetone	14	U	14	2.4	ug/Kg	☼	05/01/25 11:00	05/01/25 23:34	1
Benzene	2.9	U	2.9	0.14	ug/Kg	☼	05/01/25 11:00	05/01/25 23:34	1
Bromodichloromethane	2.9	U	2.9	0.38	ug/Kg	☼	05/01/25 11:00	05/01/25 23:34	1
Bromoform	2.9	U	2.9	1.4	ug/Kg	☼	05/01/25 11:00	05/01/25 23:34	1
Bromomethane	2.9	U	2.9	0.26	ug/Kg	☼	05/01/25 11:00	05/01/25 23:34	1
Carbon disulfide	2.9	U	2.9	1.4	ug/Kg	☼	05/01/25 11:00	05/01/25 23:34	1
Carbon tetrachloride	2.9	U	2.9	0.28	ug/Kg	☼	05/01/25 11:00	05/01/25 23:34	1
Chlorobenzene	2.9	U	2.9	0.38	ug/Kg	☼	05/01/25 11:00	05/01/25 23:34	1
Chloroethane	2.9	U	2.9	0.65	ug/Kg	☼	05/01/25 11:00	05/01/25 23:34	1
Chloroform	**0.61**	**J B**	2.9	0.18	ug/Kg	☼	05/01/25 11:00	05/01/25 23:34	1
Chloromethane	2.9	U	2.9	0.17	ug/Kg	☼	05/01/25 11:00	05/01/25 23:34	1
cis-1,2-Dichloroethene	2.9	U	2.9	0.37	ug/Kg	☼	05/01/25 11:00	05/01/25 23:34	1
cis-1,3-Dichloropropene	2.9	U	2.9	0.41	ug/Kg	☼	05/01/25 11:00	05/01/25 23:34	1
Cyclohexane	2.9	U	2.9	0.40	ug/Kg	☼	05/01/25 11:00	05/01/25 23:34	1
Dibromochloromethane	2.9	U	2.9	0.37	ug/Kg	☼	05/01/25 11:00	05/01/25 23:34	1
Dichlorodifluoromethane	2.9	U	2.9	0.24	ug/Kg	☼	05/01/25 11:00	05/01/25 23:34	1
Ethylbenzene	2.9	U	2.9	0.20	ug/Kg	☼	05/01/25 11:00	05/01/25 23:34	1
Isopropylbenzene	2.9	U	2.9	0.43	ug/Kg	☼	05/01/25 11:00	05/01/25 23:34	1
Methyl acetate	14	U	14	1.7	ug/Kg	☼	05/01/25 11:00	05/01/25 23:34	1
Methyl tert-butyl ether	2.9	U	2.9	0.28	ug/Kg	☼	05/01/25 11:00	05/01/25 23:34	1
Methylcyclohexane	2.9	U	2.9	0.43	ug/Kg	☼	05/01/25 11:00	05/01/25 23:34	1
Methylene Chloride	2.9	U	2.9	1.3	ug/Kg	☼	05/01/25 11:00	05/01/25 23:34	1
Styrene	2.9	U	2.9	0.14	ug/Kg	☼	05/01/25 11:00	05/01/25 23:34	1
Tetrachloroethene	**1.7**	**J**	2.9	0.38	ug/Kg	☼	05/01/25 11:00	05/01/25 23:34	1
Toluene	**0.43**	**J**	2.9	0.22	ug/Kg	☼	05/01/25 11:00	05/01/25 23:34	1
trans-1,2-Dichloroethene	2.9	U	2.9	0.29	ug/Kg	☼	05/01/25 11:00	05/01/25 23:34	1
trans-1,3-Dichloropropene	2.9	U	2.9	1.3	ug/Kg	☼	05/01/25 11:00	05/01/25 23:34	1
Trichloroethene	**26**		2.9	0.63	ug/Kg	☼	05/01/25 11:00	05/01/25 23:34	1
Trichlorofluoromethane	2.9	U	2.9	0.27	ug/Kg	☼	05/01/25 11:00	05/01/25 23:34	1
Vinyl chloride	2.9	U	2.9	0.35	ug/Kg	☼	05/01/25 11:00	05/01/25 23:34	1
Xylenes, Total	5.7	U	5.7	0.48	ug/Kg	☼	05/01/25 11:00	05/01/25 23:34	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*ug/Kg*	☼		*N/A*	*05/01/25 11:00*	*05/01/25 23:34*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*104*		*64 - 126*	*05/01/25 11:00*	*05/01/25 23:34*	*1*
4-Bromofluorobenzene (Surr)	*97*		*72 - 126*	*05/01/25 11:00*	*05/01/25 23:34*	*1*
Dibromofluoromethane (Surr)	*100*		*60 - 140*	*05/01/25 11:00*	*05/01/25 23:34*	*1*
Toluene-d8 (Surr)	*96*		*71 - 125*	*05/01/25 11:00*	*05/01/25 23:34*	*1*

Client: ERM-Northeast
Job ID: 480-229116-1
Project/Site: Sanmina Investigation - Owego, NY

Client Sample ID: WC-05 (04302025)
Lab Sample ID: 480-229116-5
Date Collected: 04/30/25 08:50
Matrix: Solid
Date Received: 05/01/25 09:30
Percent Solids: 88.0

Method: SW846 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	3.1	U	3.1	0.23	ug/Kg	☼	05/01/25 11:00	05/01/25 23:57	1
1,1,2,2-Tetrachloroethane	3.1	U	3.1	0.51	ug/Kg	☼	05/01/25 11:00	05/01/25 23:57	1
1,1,2-Trichloro-1,2,2-trifluoroethane	3.1	U	3.1	0.72	ug/Kg	☼	05/01/25 11:00	05/01/25 23:57	1
1,1,2-Trichloroethane	3.1	U	3.1	0.41	ug/Kg	☼	05/01/25 11:00	05/01/25 23:57	1
1,1-Dichloroethane	3.1	U	3.1	0.38	ug/Kg	☼	05/01/25 11:00	05/01/25 23:57	1
1,1-Dichloroethene	3.1	U	3.1	0.38	ug/Kg	☼	05/01/25 11:00	05/01/25 23:57	1
1,2,4-Trichlorobenzene	3.1	U	3.1	0.19	ug/Kg	☼	05/01/25 11:00	05/01/25 23:57	1
1,2-Dibromo-3-Chloropropane	3.1	U	3.1	1.6	ug/Kg	☼	05/01/25 11:00	05/01/25 23:57	1
1,2-Dibromoethane	3.1	U	3.1	0.40	ug/Kg	☼	05/01/25 11:00	05/01/25 23:57	1
1,2-Dichlorobenzene	3.1	U	3.1	0.25	ug/Kg	☼	05/01/25 11:00	05/01/25 23:57	1
1,2-Dichloroethane	3.1	U	3.1	0.16	ug/Kg	☼	05/01/25 11:00	05/01/25 23:57	1
1,2-Dichloropropane	3.1	U	3.1	1.6	ug/Kg	☼	05/01/25 11:00	05/01/25 23:57	1
1,3-Dichlorobenzene	3.1	U	3.1	0.16	ug/Kg	☼	05/01/25 11:00	05/01/25 23:57	1
1,4-Dichlorobenzene	3.1	U	3.1	0.44	ug/Kg	☼	05/01/25 11:00	05/01/25 23:57	1
2-Butanone (MEK)	16	U	16	1.1	ug/Kg	☼	05/01/25 11:00	05/01/25 23:57	1
2-Hexanone	16	U	16	1.6	ug/Kg	☼	05/01/25 11:00	05/01/25 23:57	1
4-Methyl-2-pentanone (MIBK)	16	U	16	1.0	ug/Kg	☼	05/01/25 11:00	05/01/25 23:57	1
Acetone	16	U	16	2.6	ug/Kg	☼	05/01/25 11:00	05/01/25 23:57	1
Benzene	3.1	U	3.1	0.15	ug/Kg	☼	05/01/25 11:00	05/01/25 23:57	1
Bromodichloromethane	3.1	U	3.1	0.42	ug/Kg	☼	05/01/25 11:00	05/01/25 23:57	1
Bromoform	3.1	U	3.1	1.6	ug/Kg	☼	05/01/25 11:00	05/01/25 23:57	1
Bromomethane	3.1	U	3.1	0.28	ug/Kg	☼	05/01/25 11:00	05/01/25 23:57	1
Carbon disulfide	3.1	U	3.1	1.6	ug/Kg	☼	05/01/25 11:00	05/01/25 23:57	1
Carbon tetrachloride	3.1	U	3.1	0.30	ug/Kg	☼	05/01/25 11:00	05/01/25 23:57	1
Chlorobenzene	3.1	U	3.1	0.41	ug/Kg	☼	05/01/25 11:00	05/01/25 23:57	1
Chloroethane	3.1	U	3.1	0.71	ug/Kg	☼	05/01/25 11:00	05/01/25 23:57	1
Chloroform	**0.67**	**J B**	3.1	0.19	ug/Kg	☼	05/01/25 11:00	05/01/25 23:57	1
Chloromethane	3.1	U	3.1	0.19	ug/Kg	☼	05/01/25 11:00	05/01/25 23:57	1
cis-1,2-Dichloroethene	3.1	U	3.1	0.40	ug/Kg	☼	05/01/25 11:00	05/01/25 23:57	1
cis-1,3-Dichloropropene	3.1	U	3.1	0.45	ug/Kg	☼	05/01/25 11:00	05/01/25 23:57	1
Cyclohexane	3.1	U	3.1	0.44	ug/Kg	☼	05/01/25 11:00	05/01/25 23:57	1
Dibromochloromethane	3.1	U	3.1	0.40	ug/Kg	☼	05/01/25 11:00	05/01/25 23:57	1
Dichlorodifluoromethane	3.1	U	3.1	0.26	ug/Kg	☼	05/01/25 11:00	05/01/25 23:57	1
Ethylbenzene	3.1	U	3.1	0.22	ug/Kg	☼	05/01/25 11:00	05/01/25 23:57	1
Isopropylbenzene	3.1	U	3.1	0.47	ug/Kg	☼	05/01/25 11:00	05/01/25 23:57	1
Methyl acetate	16	U	16	1.9	ug/Kg	☼	05/01/25 11:00	05/01/25 23:57	1
Methyl tert-butyl ether	3.1	U	3.1	0.31	ug/Kg	☼	05/01/25 11:00	05/01/25 23:57	1
Methylcyclohexane	3.1	U	3.1	0.48	ug/Kg	☼	05/01/25 11:00	05/01/25 23:57	1
Methylene Chloride	3.1	U	3.1	1.4	ug/Kg	☼	05/01/25 11:00	05/01/25 23:57	1
Styrene	3.1	U	3.1	0.16	ug/Kg	☼	05/01/25 11:00	05/01/25 23:57	1
Tetrachloroethene	3.1	U	3.1	0.42	ug/Kg	☼	05/01/25 11:00	05/01/25 23:57	1
Toluene	3.1	U	3.1	0.24	ug/Kg	☼	05/01/25 11:00	05/01/25 23:57	1
trans-1,2-Dichloroethene	3.1	U	3.1	0.32	ug/Kg	☼	05/01/25 11:00	05/01/25 23:57	1
trans-1,3-Dichloropropene	3.1	U	3.1	1.4	ug/Kg	☼	05/01/25 11:00	05/01/25 23:57	1
Trichloroethene	**1.9**	**J**	3.1	0.69	ug/Kg	☼	05/01/25 11:00	05/01/25 23:57	1
Trichlorofluoromethane	3.1	U	3.1	0.30	ug/Kg	☼	05/01/25 11:00	05/01/25 23:57	1
Vinyl chloride	3.1	U	3.1	0.38	ug/Kg	☼	05/01/25 11:00	05/01/25 23:57	1
Xylenes, Total	6.3	U	6.3	0.53	ug/Kg	☼	05/01/25 11:00	05/01/25 23:57	1

Client Sample ID: WC-05 (04302025)
Lab Sample ID: 480-229116-5

Date Collected: 04/30/25 08:50
Matrix: Solid
Date Received: 05/01/25 09:30
Percent Solids: 88.0

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Tentatively Identified Compound	None		ug/Kg	☼		N/A	05/01/25 11:00	05/01/25 23:57	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	105		64 - 126	05/01/25 11:00	05/01/25 23:57	1
4-Bromofluorobenzene (Surr)	98		72 - 126	05/01/25 11:00	05/01/25 23:57	1
Dibromofluoromethane (Surr)	102		60 - 140	05/01/25 11:00	05/01/25 23:57	1
Toluene-d8 (Surr)	98		71 - 125	05/01/25 11:00	05/01/25 23:57	1

Client Sample ID: WC-02(0.5')(04302025)
Lab Sample ID: 480-229116-6

Date Collected: 04/30/25 08:20
Matrix: Solid
Date Received: 05/01/25 09:30
Percent Solids: 89.8

Method: SW846 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4,5-Tetrachlorobenzene	190	U	190	32	ug/Kg	☼	05/02/25 13:45	05/06/25 12:20	1
1,4-Dioxane	110	U	110	61	ug/Kg	☼	05/02/25 13:45	05/06/25 12:20	1
2,3,4,6-Tetrachlorophenol	190	U	190	39	ug/Kg	☼	05/02/25 13:45	05/06/25 12:20	1
2,4,5-Trichlorophenol	190	U	190	51	ug/Kg	☼	05/02/25 13:45	05/06/25 12:20	1
2,4,6-Trichlorophenol	190	U	190	38	ug/Kg	☼	05/02/25 13:45	05/06/25 12:20	1
2,4-Dichlorophenol	190	U	190	20	ug/Kg	☼	05/02/25 13:45	05/06/25 12:20	1
2,4-Dimethylphenol	190	U	190	45	ug/Kg	☼	05/02/25 13:45	05/06/25 12:20	1
2,4-Dinitrophenol	1800	U	1800	870	ug/Kg	☼	05/02/25 13:45	05/06/25 12:20	1
2,4-Dinitrotoluene	190	U	190	39	ug/Kg	☼	05/02/25 13:45	05/06/25 12:20	1
2,6-Dinitrotoluene	190	U	190	22	ug/Kg	☼	05/02/25 13:45	05/06/25 12:20	1
2-Chloronaphthalene	190	U	190	31	ug/Kg	☼	05/02/25 13:45	05/06/25 12:20	1
2-Chlorophenol	370	U	370	34	ug/Kg	☼	05/02/25 13:45	05/06/25 12:20	1
2-Methylnaphthalene	190	U	190	38	ug/Kg	☼	05/02/25 13:45	05/06/25 12:20	1
2-Methylphenol	190	U	190	22	ug/Kg	☼	05/02/25 13:45	05/06/25 12:20	1
2-Nitroaniline	370	U	370	28	ug/Kg	☼	05/02/25 13:45	05/06/25 12:20	1
2-Nitrophenol	190	U	190	53	ug/Kg	☼	05/02/25 13:45	05/06/25 12:20	1
3,3'-Dichlorobenzidine	370	U	370	220	ug/Kg	☼	05/02/25 13:45	05/06/25 12:20	1
3-Nitroaniline	370	U	370	52	ug/Kg	☼	05/02/25 13:45	05/06/25 12:20	1
4,6-Dinitro-2-methylphenol	370	U	370	190	ug/Kg	☼	05/02/25 13:45	05/06/25 12:20	1
4-Bromophenyl phenyl ether	190	U	190	27	ug/Kg	☼	05/02/25 13:45	05/06/25 12:20	1
4-Chloro-3-methylphenol	190	U	190	46	ug/Kg	☼	05/02/25 13:45	05/06/25 12:20	1
4-Chloroaniline	190	U	190	46	ug/Kg	☼	05/02/25 13:45	05/06/25 12:20	1
4-Chlorophenyl phenyl ether	190	U	190	23	ug/Kg	☼	05/02/25 13:45	05/06/25 12:20	1
4-Methylphenol	370	U	370	22	ug/Kg	☼	05/02/25 13:45	05/06/25 12:20	1
4-Nitroaniline	370	U	370	98	ug/Kg	☼	05/02/25 13:45	05/06/25 12:20	1
4-Nitrophenol	370	U	370	130	ug/Kg	☼	05/02/25 13:45	05/06/25 12:20	1
Acenaphthene	190	U	190	28	ug/Kg	☼	05/02/25 13:45	05/06/25 12:20	1
Acenaphthylene	190	U	190	24	ug/Kg	☼	05/02/25 13:45	05/06/25 12:20	1
Acetophenone	190	U	190	25	ug/Kg	☼	05/02/25 13:45	05/06/25 12:20	1
Anthracene	190	U	190	46	ug/Kg	☼	05/02/25 13:45	05/06/25 12:20	1
Atrazine	190	U	190	65	ug/Kg	☼	05/02/25 13:45	05/06/25 12:20	1
Benzaldehyde	190	U	190	150	ug/Kg	☼	05/02/25 13:45	05/06/25 12:20	1
Benzo[a]anthracene	190	U	190	19	ug/Kg	☼	05/02/25 13:45	05/06/25 12:20	1
Benzo[a]pyrene	190	U	190	28	ug/Kg	☼	05/02/25 13:45	05/06/25 12:20	1
Benzo[b]fluoranthene	190	U	190	30	ug/Kg	☼	05/02/25 13:45	05/06/25 12:20	1
Benzo[g,h,i]perylene	190	U	190	20	ug/Kg	☼	05/02/25 13:45	05/06/25 12:20	1
Benzo[k]fluoranthene	190	U	190	24	ug/Kg	☼	05/02/25 13:45	05/06/25 12:20	1

Client Sample ID: WC-02(0.5')(04302025) — **Lab Sample ID: 480-229116-6**
Date Collected: 04/30/25 08:20 — **Matrix: Solid**
Date Received: 05/01/25 09:30 — **Percent Solids: 89.8**

Method: SW846 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Biphenyl	190	U	190	28	ug/Kg	☼	05/02/25 13:45	05/06/25 12:20	1
bis (2-chloroisopropyl) ether	190	U	190	38	ug/Kg	☼	05/02/25 13:45	05/06/25 12:20	1
Bis(2-chloroethoxy)methane	190	U	190	40	ug/Kg	☼	05/02/25 13:45	05/06/25 12:20	1
Bis(2-chloroethyl)ether	190	U	190	24	ug/Kg	☼	05/02/25 13:45	05/06/25 12:20	1
Bis(2-ethylhexyl) phthalate	**110**	**J**	190	64	ug/Kg	☼	05/02/25 13:45	05/06/25 12:20	1
Butyl benzyl phthalate	**33**	**J**	190	31	ug/Kg	☼	05/02/25 13:45	05/06/25 12:20	1
Caprolactam	190	U	190	56	ug/Kg	☼	05/02/25 13:45	05/06/25 12:20	1
Carbazole	190	U	190	22	ug/Kg	☼	05/02/25 13:45	05/06/25 12:20	1
Chrysene	190	U	190	42	ug/Kg	☼	05/02/25 13:45	05/06/25 12:20	1
Dibenz(a,h)anthracene	190	U	190	33	ug/Kg	☼	05/02/25 13:45	05/06/25 12:20	1
Dibenzofuran	190	U	190	22	ug/Kg	☼	05/02/25 13:45	05/06/25 12:20	1
Diethyl phthalate	190	U	190	24	ug/Kg	☼	05/02/25 13:45	05/06/25 12:20	1
Dimethyl phthalate	190	U	190	22	ug/Kg	☼	05/02/25 13:45	05/06/25 12:20	1
Di-n-butyl phthalate	**37**	**J**	190	32	ug/Kg	☼	05/02/25 13:45	05/06/25 12:20	1
Di-n-octyl phthalate	190	U	190	22	ug/Kg	☼	05/02/25 13:45	05/06/25 12:20	1
Fluoranthene	**32**	**J**	190	20	ug/Kg	☼	05/02/25 13:45	05/06/25 12:20	1
Fluorene	190	U	190	22	ug/Kg	☼	05/02/25 13:45	05/06/25 12:20	1
Hexachlorobenzene	190	U	190	25	ug/Kg	☼	05/02/25 13:45	05/06/25 12:20	1
Hexachlorobutadiene	190	U	190	28	ug/Kg	☼	05/02/25 13:45	05/06/25 12:20	1
Hexachlorocyclopentadiene	190	U	190	25	ug/Kg	☼	05/02/25 13:45	05/06/25 12:20	1
Hexachloroethane	190	U	190	24	ug/Kg	☼	05/02/25 13:45	05/06/25 12:20	1
Indeno[1,2,3-cd]pyrene	190	U	190	23	ug/Kg	☼	05/02/25 13:45	05/06/25 12:20	1
Isophorone	190	U	190	40	ug/Kg	☼	05/02/25 13:45	05/06/25 12:20	1
Naphthalene	190	U	190	24	ug/Kg	☼	05/02/25 13:45	05/06/25 12:20	1
Nitrobenzene	190	U	190	21	ug/Kg	☼	05/02/25 13:45	05/06/25 12:20	1
N-Nitrosodi-n-propylamine	190	U	190	32	ug/Kg	☼	05/02/25 13:45	05/06/25 12:20	1
N-Nitrosodiphenylamine	190	U	190	150	ug/Kg	☼	05/02/25 13:45	05/06/25 12:20	1
Pentachlorophenol	370	U	370	190	ug/Kg	☼	05/02/25 13:45	05/06/25 12:20	1
Phenanthrene	190	U	190	28	ug/Kg	☼	05/02/25 13:45	05/06/25 12:20	1
Phenol	190	U	190	29	ug/Kg	☼	05/02/25 13:45	05/06/25 12:20	1
Pyrene	**25**	**J**	190	22	ug/Kg	☼	05/02/25 13:45	05/06/25 12:20	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Trichloroethylene	*250*	*T J N*	*ug/Kg*	☼	*1.62*	*79-01-6*	*05/02/25 13:45*	*05/06/25 12:20*	*1*
Unknown	*4300*	*T J*	*ug/Kg*	☼	*1.92*	*N/A*	*05/02/25 13:45*	*05/06/25 12:20*	*1*
Unknown	*5700*	*T J*	*ug/Kg*	☼	*1.99*	*N/A*	*05/02/25 13:45*	*05/06/25 12:20*	*1*
Tetrachloroethylene	*160*	*T J N*	*ug/Kg*	☼	*2.96*	*127-18-4*	*05/02/25 13:45*	*05/06/25 12:20*	*1*
Unknown	*1100*	*T J*	*ug/Kg*	☼	*3.46*	*N/A*	*05/02/25 13:45*	*05/06/25 12:20*	*1*
Unknown	*410*	*T J*	*ug/Kg*	☼	*13.79*	*N/A*	*05/02/25 13:45*	*05/06/25 12:20*	*1*
Unknown	*420*	*T J*	*ug/Kg*	☼	*13.87*	*N/A*	*05/02/25 13:45*	*05/06/25 12:20*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*95*		*26 - 143*	*05/02/25 13:45*	*05/06/25 12:20*	*1*
2-Fluorobiphenyl (Surr)	*91*		*50 - 121*	*05/02/25 13:45*	*05/06/25 12:20*	*1*
2-Fluorophenol (Surr)	*80*		*36 - 120*	*05/02/25 13:45*	*05/06/25 12:20*	*1*
Nitrobenzene-d5 (Surr)	*87*		*40 - 121*	*05/02/25 13:45*	*05/06/25 12:20*	*1*
Phenol-d5 (Surr)	*85*		*41 - 120*	*05/02/25 13:45*	*05/06/25 12:20*	*1*
p-Terphenyl-d14 (Surr)	*93*		*46 - 143*	*05/02/25 13:45*	*05/06/25 12:20*	*1*

Client Sample ID: WC-02(0.5')(04302025)
Lab Sample ID: 480-229116-6
Date Collected: 04/30/25 08:20
Matrix: Solid
Date Received: 05/01/25 09:30
Percent Solids: 89.8

Method: SW846 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	36	U	36	6.9	ug/Kg	☼	05/02/25 06:59	05/05/25 12:44	10
4,4'-DDE	**12**	**J**	36	7.5	ug/Kg	☼	05/02/25 06:59	05/05/25 12:44	10
4,4'-DDT	**55**		36	8.3	ug/Kg	☼	05/02/25 06:59	05/05/25 12:44	10
Aldrin	36	U	36	8.8	ug/Kg	☼	05/02/25 06:59	05/05/25 12:44	10
alpha-BHC	36	U	36	6.4	ug/Kg	☼	05/02/25 06:59	05/05/25 12:44	10
cis-Chlordane	36	U	36	18	ug/Kg	☼	05/02/25 06:59	05/05/25 12:44	10
beta-BHC	36	U	36	6.4	ug/Kg	☼	05/02/25 06:59	05/05/25 12:44	10
delta-BHC	36	U	36	6.6	ug/Kg	☼	05/02/25 06:59	05/05/25 12:44	10
Dieldrin	36	U	36	8.5	ug/Kg	☼	05/02/25 06:59	05/05/25 12:44	10
Endosulfan I	36	U	36	6.8	ug/Kg	☼	05/02/25 06:59	05/05/25 12:44	10
Endosulfan II	36	U	36	6.4	ug/Kg	☼	05/02/25 06:59	05/05/25 12:44	10
Endosulfan sulfate	36	U	36	6.6	ug/Kg	☼	05/02/25 06:59	05/05/25 12:44	10
Endrin	36	U	36	7.0	ug/Kg	☼	05/02/25 06:59	05/05/25 12:44	10
Endrin aldehyde	36	U	36	9.1	ug/Kg	☼	05/02/25 06:59	05/05/25 12:44	10
Endrin ketone	36	U	36	8.8	ug/Kg	☼	05/02/25 06:59	05/05/25 12:44	10
gamma-BHC (Lindane)	36	U	36	6.5	ug/Kg	☼	05/02/25 06:59	05/05/25 12:44	10
trans-Chlordane	36	U	36	11	ug/Kg	☼	05/02/25 06:59	05/05/25 12:44	10
Heptachlor	36	U	36	7.7	ug/Kg	☼	05/02/25 06:59	05/05/25 12:44	10
Heptachlor epoxide	36	U	36	9.2	ug/Kg	☼	05/02/25 06:59	05/05/25 12:44	10
Methoxychlor	**45**	**B**	36	7.3	ug/Kg	☼	05/02/25 06:59	05/05/25 12:44	10
Toxaphene	360	U	360	210	ug/Kg	☼	05/02/25 06:59	05/05/25 12:44	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*85*		*45 - 120*	*05/02/25 06:59*	*05/05/25 12:44*	*10*
DCB Decachlorobiphenyl	*396*	*TH*	*45 - 120*	*05/02/25 06:59*	*05/05/25 12:44*	*10*
Tetrachloro-m-xylene	*90*		*30 - 124*	*05/02/25 06:59*	*05/05/25 12:44*	*10*
Tetrachloro-m-xylene	*77*		*30 - 124*	*05/02/25 06:59*	*05/05/25 12:44*	*10*

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	0.24	U	0.24	0.047	mg/Kg	☼	05/05/25 06:46	05/06/25 11:05	1
PCB-1221	0.24	U	0.24	0.047	mg/Kg	☼	05/05/25 06:46	05/06/25 11:05	1
PCB-1232	0.24	U	0.24	0.047	mg/Kg	☼	05/05/25 06:46	05/06/25 11:05	1
PCB-1242	0.24	U	0.24	0.047	mg/Kg	☼	05/05/25 06:46	05/06/25 11:05	1
PCB-1248	0.24	U	0.24	0.047	mg/Kg	☼	05/05/25 06:46	05/06/25 11:05	1
PCB-1254	**0.31**		0.24	0.11	mg/Kg	☼	05/05/25 06:46	05/06/25 11:05	1
PCB-1260	0.24	U	0.24	0.11	mg/Kg	☼	05/05/25 06:46	05/06/25 11:05	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*96*		*60 - 154*	*05/05/25 06:46*	*05/06/25 11:05*	*1*
Tetrachloro-m-xylene	*98*		*60 - 154*	*05/05/25 06:46*	*05/06/25 11:05*	*1*
DCB Decachlorobiphenyl	*100*		*65 - 174*	*05/05/25 06:46*	*05/06/25 11:05*	*1*
DCB Decachlorobiphenyl	*131*		*65 - 174*	*05/05/25 06:46*	*05/06/25 11:05*	*1*

Method: SW846 8151A - Herbicides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4-D	18	U	18	12	ug/Kg	☼	05/06/25 06:53	05/09/25 14:29	1
Silvex (2,4,5-TP)	18	U	18	6.6	ug/Kg	☼	05/06/25 06:53	05/09/25 14:29	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4-Dichlorophenylacetic acid	*76*		*28 - 129*	*05/06/25 06:53*	*05/09/25 14:29*	*1*

Client: ERM-Northeast
Job ID: 480-229116-1
Project/Site: Sanmina Investigation - Owego, NY

Client Sample ID: WC-02(0.5')(04302025)
Lab Sample ID: 480-229116-6
Date Collected: 04/30/25 08:20
Matrix: Solid
Date Received: 05/01/25 09:30
Percent Solids: 89.8

Method: SW846 8151A - Herbicides (GC) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4-Dichlorophenylacetic acid	*70*		*28 - 129*	*05/06/25 06:53*	*05/09/25 14:29*	*1*

Method: EPA 1633 - Per- and Polyfluoroalkyl Substances by LC/MS/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	0.19	U	0.19	0.078	ng/g	☼	05/05/25 14:04	05/06/25 23:19	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	0.39	U	0.39	0.13	ng/g	☼	05/05/25 14:04	05/06/25 23:19	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	0.39	U	0.39	0.097	ng/g	☼	05/05/25 14:04	05/06/25 23:19	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	0.39	U	0.39	0.13	ng/g	☼	05/05/25 14:04	05/06/25 23:19	1
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	0.97	U	0.97	0.39	ng/g	☼	05/05/25 14:04	05/06/25 23:19	1
3-Perfluoropentylpropanoic acid (5:3 FTCA)	0.97	U	0.97	0.49	ng/g	☼	05/05/25 14:04	05/06/25 23:19	1
3-Perfluoropropylpropanoic acid (3:3 FTCA)	0.39	U	0.39	0.19	ng/g	☼	05/05/25 14:04	05/06/25 23:19	1
4,8-Dioxa-3H-perfluorononanoic acid (DONA)	0.19	U	0.19	0.058	ng/g	☼	05/05/25 14:04	05/06/25 23:19	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	0.19	U	0.19	0.088	ng/g	☼	05/05/25 14:04	05/06/25 23:19	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	0.19	U	0.19	0.11	ng/g	☼	05/05/25 14:04	05/06/25 23:19	1
N-ethylperfluorooctane sulfonamide (NEtFOSA)	0.19	U	0.19	0.097	ng/g	☼	05/05/25 14:04	05/06/25 23:19	1
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	0.97	U	0.97	0.29	ng/g	☼	05/05/25 14:04	05/06/25 23:19	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	0.19	U	0.19	0.11	ng/g	☼	05/05/25 14:04	05/06/25 23:19	1
N-methylperfluorooctane sulfonamide (NMeFOSA)	0.19	U	0.19	0.088	ng/g	☼	05/05/25 14:04	05/06/25 23:19	1
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	0.97	U	0.97	0.29	ng/g	☼	05/05/25 14:04	05/06/25 23:19	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	0.19	U	0.19	0.078	ng/g	☼	05/05/25 14:04	05/06/25 23:19	1
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	0.19	U	0.19	0.068	ng/g	☼	05/05/25 14:04	05/06/25 23:19	1
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	0.19	U	0.19	0.049	ng/g	☼	05/05/25 14:04	05/06/25 23:19	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	0.19	U	0.19	0.068	ng/g	☼	05/05/25 14:04	05/06/25 23:19	1
Perfluoro-4-methoxybutanoic acid (PFMBA)	0.19	U	0.19	0.049	ng/g	☼	05/05/25 14:04	05/06/25 23:19	1
Perfluorobutanesulfonic acid (PFBS)	0.19	U	0.19	0.068	ng/g	☼	05/05/25 14:04	05/06/25 23:19	1
Perfluorobutanoic acid (PFBA)	0.39	U	0.39	0.13	ng/g	☼	05/05/25 14:04	05/06/25 23:19	1
Perfluorodecanesulfonic acid (PFDS)	0.19	U	0.19	0.049	ng/g	☼	05/05/25 14:04	05/06/25 23:19	1
Perfluorodecanoic acid (PFDA)	0.19	U	0.19	0.049	ng/g	☼	05/05/25 14:04	05/06/25 23:19	1
Perfluorododecanesulfonic acid (PFDoS)	0.19	U T	0.19	0.058	ng/g	☼	05/05/25 14:04	05/06/25 23:19	1
Perfluorododecanoic acid (PFDoA)	0.19	U	0.19	0.049	ng/g	☼	05/05/25 14:04	05/06/25 23:19	1
Perfluoroheptanesulfonic acid (PFHpS)	0.19	U	0.19	0.068	ng/g	☼	05/05/25 14:04	05/06/25 23:19	1
Perfluoroheptanoic acid (PFHpA)	0.19	U	0.19	0.068	ng/g	☼	05/05/25 14:04	05/06/25 23:19	1
Perfluorohexanesulfonic acid (PFHxS)	0.19	U	0.19	0.049	ng/g	☼	05/05/25 14:04	05/06/25 23:19	1

Client Sample ID: WC-02(0.5')(04302025) — **Lab Sample ID: 480-229116-6**
Date Collected: 04/30/25 08:20 — **Matrix: Solid**
Date Received: 05/01/25 09:30 — **Percent Solids: 89.8**

Method: EPA 1633 - Per- and Polyfluoroalkyl Substances by LC/MS/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorohexanoic acid (PFHxA)	0.19	U	0.19	0.058	ng/g	☼	05/05/25 14:04	05/06/25 23:19	1
Perfluorononanesulfonic acid (PFNS)	0.19	U	0.19	0.068	ng/g	☼	05/05/25 14:04	05/06/25 23:19	1
Perfluorononanoic acid (PFNA)	0.19	U	0.19	0.058	ng/g	☼	05/05/25 14:04	05/06/25 23:19	1
Perfluorooctanesulfonamide (PFOSA)	0.19	U	0.19	0.088	ng/g	☼	05/05/25 14:04	05/06/25 23:19	1
Perfluorooctanesulfonic acid (PFOS)	**0.55**		0.19	0.11	ng/g	☼	05/05/25 14:04	05/06/25 23:19	1
Perfluorooctanoic acid (PFOA)	**0.070**	**J**	0.19	0.058	ng/g	☼	05/05/25 14:04	05/06/25 23:19	1
Perfluoropentanesulfonic acid (PFPeS)	0.19	U	0.19	0.058	ng/g	☼	05/05/25 14:04	05/06/25 23:19	1
Perfluoropentanoic acid (PFPeA)	0.19	U	0.19	0.049	ng/g	☼	05/05/25 14:04	05/06/25 23:19	1
Perfluorotetradecanoic acid (PFTeDA)	0.19	U	0.19	0.068	ng/g	☼	05/05/25 14:04	05/06/25 23:19	1
Perfluorotridecanoic acid (PFTrDA)	0.19	U	0.19	0.068	ng/g	☼	05/05/25 14:04	05/06/25 23:19	1
Perfluoroundecanoic acid (PFUnA)	0.19	U	0.19	0.049	ng/g	☼	05/05/25 14:04	05/06/25 23:19	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C2 4:2 FTS	*87.2*		*40 - 165*	*05/05/25 14:04*	*05/06/25 23:19*	*1*
13C2 6:2 FTS	*101*		*40 - 215*	*05/05/25 14:04*	*05/06/25 23:19*	*1*
13C2 8:2 FTS	*84.9*		*40 - 275*	*05/05/25 14:04*	*05/06/25 23:19*	*1*
13C2 PFDoA	*60.6*		*40 - 130*	*05/05/25 14:04*	*05/06/25 23:19*	*1*
13C2 PFTeDA	*37.9*		*20 - 130*	*05/05/25 14:04*	*05/06/25 23:19*	*1*
13C3 HFPO-DA	*81.8*		*40 - 130*	*05/05/25 14:04*	*05/06/25 23:19*	*1*
13C3 PFBS	*84.0*		*40 - 135*	*05/05/25 14:04*	*05/06/25 23:19*	*1*
13C3 PFHxS	*89.3*		*40 - 130*	*05/05/25 14:04*	*05/06/25 23:19*	*1*
13C4 PFBA	*86.5*		*8 - 130*	*05/05/25 14:04*	*05/06/25 23:19*	*1*
13C4 PFHpA	*81.6*		*40 - 130*	*05/05/25 14:04*	*05/06/25 23:19*	*1*
13C5 PFHxA	*83.7*		*40 - 130*	*05/05/25 14:04*	*05/06/25 23:19*	*1*
13C5 PFPeA	*76.1*		*35 - 130*	*05/05/25 14:04*	*05/06/25 23:19*	*1*
13C6 PFDA	*73.6*		*40 - 130*	*05/05/25 14:04*	*05/06/25 23:19*	*1*
13C7 PFUnA	*67.3*		*40 - 130*	*05/05/25 14:04*	*05/06/25 23:19*	*1*
13C8 FOSA	*83.6*		*40 - 130*	*05/05/25 14:04*	*05/06/25 23:19*	*1*
13C8 PFOA	*94.2*		*40 - 130*	*05/05/25 14:04*	*05/06/25 23:19*	*1*
13C8 PFOS	*75.1*		*40 - 130*	*05/05/25 14:04*	*05/06/25 23:19*	*1*
13C9 PFNA	*84.1*		*40 - 130*	*05/05/25 14:04*	*05/06/25 23:19*	*1*
d3-NMeFOSAA	*67.3*		*40 - 135*	*05/05/25 14:04*	*05/06/25 23:19*	*1*
d3-NMePFOSA	*69.5*		*10 - 130*	*05/05/25 14:04*	*05/06/25 23:19*	*1*
d5-NEtFOSAA	*58.6*		*40 - 150*	*05/05/25 14:04*	*05/06/25 23:19*	*1*
d5-NEtPFOSA	*63.2*		*10 - 130*	*05/05/25 14:04*	*05/06/25 23:19*	*1*
D7-NMeFOSE	*78.2*		*20 - 130*	*05/05/25 14:04*	*05/06/25 23:19*	*1*
D9-NEtFOSE	*77.4*		*15 - 130*	*05/05/25 14:04*	*05/06/25 23:19*	*1*

Method: SW846 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**17000**		11.0	9.5	mg/Kg	☼	05/01/25 14:59	05/02/25 15:50	1
Antimony	16.5	U	16.5	0.58	mg/Kg	☼	05/01/25 14:59	05/02/25 15:50	1
Arsenic	**10.4**		2.2	0.97	mg/Kg	☼	05/01/25 14:59	05/02/25 15:50	1
Barium	**106**		0.55	0.15	mg/Kg	☼	05/01/25 14:59	05/02/25 15:50	1
Beryllium	**0.63**		0.22	0.044	mg/Kg	☼	05/01/25 14:59	05/02/25 15:50	1
Cadmium	0.22	U	0.22	0.077	mg/Kg	☼	05/01/25 14:59	05/02/25 15:50	1
Calcium	**1770**		55.1	29.7	mg/Kg	☼	05/01/25 14:59	05/02/25 15:50	1
Chromium	**592**		0.55	0.40	mg/Kg	☼	05/01/25 14:59	05/02/25 15:50	1
Cobalt	**13.1**		0.55	0.11	mg/Kg	☼	05/01/25 14:59	05/02/25 15:50	1

Client Sample ID: WC-02(0.5')(04302025)
Lab Sample ID: 480-229116-6

Date Collected: 04/30/25 08:20
Matrix: Solid
Date Received: 05/01/25 09:30
Percent Solids: 89.8

Method: SW846 6010C - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Copper	246		1.1	0.63	mg/Kg	☼	05/01/25 14:59	05/02/25 15:50	1
Iron	33700		11.0	9.3	mg/Kg	☼	05/01/25 14:59	05/02/25 15:50	1
Lead	51.0		1.1	0.51	mg/Kg	☼	05/01/25 14:59	05/02/25 15:50	1
Magnesium	4410		22.0	9.3	mg/Kg	☼	05/01/25 14:59	05/02/25 15:50	1
Manganese	554		1.1	0.31	mg/Kg	☼	05/01/25 14:59	05/02/25 15:50	1
Nickel	41.0		5.5	0.28	mg/Kg	☼	05/01/25 14:59	05/02/25 15:50	1
Potassium	1750		33.0	26.7	mg/Kg	☼	05/01/25 14:59	05/02/25 15:50	1
Selenium	4.4	U	4.4	0.88	mg/Kg	☼	05/01/25 14:59	05/02/25 15:50	1
Silver	0.63	J	0.66	0.22	mg/Kg	☼	05/01/25 14:59	05/02/25 15:50	1
Sodium	98.0	J	154	67.5	mg/Kg	☼	05/01/25 14:59	05/02/25 15:50	1
Thallium	6.6	U	6.6	0.84	mg/Kg	☼	05/01/25 14:59	05/02/25 15:50	1
Vanadium	23.6		0.55	0.14	mg/Kg	☼	05/01/25 14:59	05/02/25 15:50	1
Zinc	72.7		2.2	1.1	mg/Kg	☼	05/01/25 14:59	05/02/25 15:50	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.043		0.021	0.0049	mg/Kg	☼	05/05/25 08:53	05/05/25 14:59	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7196A)	10.7		0.46	0.15	mg/Kg	☼	05/05/25 11:59	05/05/25 20:04	1
Cyanide, Total (SW846 9012B)	1.0	U	1.0	0.49	mg/Kg	☼	05/06/25 12:47	05/06/25 17:02	1

Client Sample ID: WC-01(0.5')(04302025)
Lab Sample ID: 480-229116-7

Date Collected: 04/30/25 08:10
Matrix: Solid
Date Received: 05/01/25 09:30
Percent Solids: 89.4

Method: SW846 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4,5-Tetrachlorobenzene	950	U	950	160	ug/Kg	☼	05/02/25 13:45	05/06/25 12:48	5
1,4-Dioxane	560	U	560	310	ug/Kg	☼	05/02/25 13:45	05/06/25 12:48	5
2,3,4,6-Tetrachlorophenol	950	U	950	200	ug/Kg	☼	05/02/25 13:45	05/06/25 12:48	5
2,4,5-Trichlorophenol	950	U	950	260	ug/Kg	☼	05/02/25 13:45	05/06/25 12:48	5
2,4,6-Trichlorophenol	950	U	950	190	ug/Kg	☼	05/02/25 13:45	05/06/25 12:48	5
2,4-Dichlorophenol	950	U	950	100	ug/Kg	☼	05/02/25 13:45	05/06/25 12:48	5
2,4-Dimethylphenol	950	U	950	230	ug/Kg	☼	05/02/25 13:45	05/06/25 12:48	5
2,4-Dinitrophenol	9300	U	9300	4400	ug/Kg	☼	05/02/25 13:45	05/06/25 12:48	5
2,4-Dinitrotoluene	950	U	950	200	ug/Kg	☼	05/02/25 13:45	05/06/25 12:48	5
2,6-Dinitrotoluene	950	U	950	110	ug/Kg	☼	05/02/25 13:45	05/06/25 12:48	5
2-Chloronaphthalene	950	U	950	160	ug/Kg	☼	05/02/25 13:45	05/06/25 12:48	5
2-Chlorophenol	1800	U	1800	170	ug/Kg	☼	05/02/25 13:45	05/06/25 12:48	5
2-Methylnaphthalene	950	U	950	190	ug/Kg	☼	05/02/25 13:45	05/06/25 12:48	5
2-Methylphenol	950	U	950	110	ug/Kg	☼	05/02/25 13:45	05/06/25 12:48	5
2-Nitroaniline	1800	U	1800	140	ug/Kg	☼	05/02/25 13:45	05/06/25 12:48	5
2-Nitrophenol	950	U	950	270	ug/Kg	☼	05/02/25 13:45	05/06/25 12:48	5
3,3'-Dichlorobenzidine	1800	U	1800	1100	ug/Kg	☼	05/02/25 13:45	05/06/25 12:48	5
3-Nitroaniline	1800	U	1800	260	ug/Kg	☼	05/02/25 13:45	05/06/25 12:48	5
4,6-Dinitro-2-methylphenol	1800	U	1800	950	ug/Kg	☼	05/02/25 13:45	05/06/25 12:48	5
4-Bromophenyl phenyl ether	950	U	950	130	ug/Kg	☼	05/02/25 13:45	05/06/25 12:48	5
4-Chloro-3-methylphenol	950	U	950	230	ug/Kg	☼	05/02/25 13:45	05/06/25 12:48	5

Client: ERM-Northeast
Job ID: 480-229116-1
Project/Site: Sanmina Investigation - Owego, NY

Client Sample ID: WC-01(0.5')(04302025)
Lab Sample ID: 480-229116-7
Date Collected: 04/30/25 08:10
Matrix: Solid
Date Received: 05/01/25 09:30
Percent Solids: 89.4

Method: SW846 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4-Chloroaniline	950	U	950	230	ug/Kg	☼	05/02/25 13:45	05/06/25 12:48	5
4-Chlorophenyl phenyl ether	950	U	950	120	ug/Kg	☼	05/02/25 13:45	05/06/25 12:48	5
4-Methylphenol	1800	U	1800	110	ug/Kg	☼	05/02/25 13:45	05/06/25 12:48	5
4-Nitroaniline	1800	U	1800	500	ug/Kg	☼	05/02/25 13:45	05/06/25 12:48	5
4-Nitrophenol	1800	U	1800	660	ug/Kg	☼	05/02/25 13:45	05/06/25 12:48	5
Acenaphthene	950	U	950	140	ug/Kg	☼	05/02/25 13:45	05/06/25 12:48	5
Acenaphthylene	950	U	950	120	ug/Kg	☼	05/02/25 13:45	05/06/25 12:48	5
Acetophenone	950	U	950	130	ug/Kg	☼	05/02/25 13:45	05/06/25 12:48	5
Anthracene	950	U	950	230	ug/Kg	☼	05/02/25 13:45	05/06/25 12:48	5
Atrazine	950	U	950	330	ug/Kg	☼	05/02/25 13:45	05/06/25 12:48	5
Benzaldehyde	950	U	950	750	ug/Kg	☼	05/02/25 13:45	05/06/25 12:48	5
Benzo[a]anthracene	950	U	950	95	ug/Kg	☼	05/02/25 13:45	05/06/25 12:48	5
Benzo[a]pyrene	950	U	950	140	ug/Kg	☼	05/02/25 13:45	05/06/25 12:48	5
Benzo[b]fluoranthene	950	U	950	150	ug/Kg	☼	05/02/25 13:45	05/06/25 12:48	5
Benzo[g,h,i]perylene	950	U	950	100	ug/Kg	☼	05/02/25 13:45	05/06/25 12:48	5
Benzo[k]fluoranthene	950	U	950	120	ug/Kg	☼	05/02/25 13:45	05/06/25 12:48	5
Biphenyl	950	U	950	140	ug/Kg	☼	05/02/25 13:45	05/06/25 12:48	5
bis (2-chloroisopropyl) ether	950	U	950	190	ug/Kg	☼	05/02/25 13:45	05/06/25 12:48	5
Bis(2-chloroethoxy)methane	950	U	950	200	ug/Kg	☼	05/02/25 13:45	05/06/25 12:48	5
Bis(2-chloroethyl)ether	950	U	950	120	ug/Kg	☼	05/02/25 13:45	05/06/25 12:48	5
Bis(2-ethylhexyl) phthalate	**760**	**J**	950	320	ug/Kg	☼	05/02/25 13:45	05/06/25 12:48	5
Butyl benzyl phthalate	**200**	**J**	950	160	ug/Kg	☼	05/02/25 13:45	05/06/25 12:48	5
Caprolactam	950	U	950	280	ug/Kg	☼	05/02/25 13:45	05/06/25 12:48	5
Carbazole	950	U	950	110	ug/Kg	☼	05/02/25 13:45	05/06/25 12:48	5
Chrysene	950	U	950	210	ug/Kg	☼	05/02/25 13:45	05/06/25 12:48	5
Dibenz(a,h)anthracene	950	U	950	170	ug/Kg	☼	05/02/25 13:45	05/06/25 12:48	5
Dibenzofuran	950	U	950	110	ug/Kg	☼	05/02/25 13:45	05/06/25 12:48	5
Diethyl phthalate	950	U	950	120	ug/Kg	☼	05/02/25 13:45	05/06/25 12:48	5
Dimethyl phthalate	950	U	950	110	ug/Kg	☼	05/02/25 13:45	05/06/25 12:48	5
Di-n-butyl phthalate	950	U	950	160	ug/Kg	☼	05/02/25 13:45	05/06/25 12:48	5
Di-n-octyl phthalate	**120**	**J**	950	110	ug/Kg	☼	05/02/25 13:45	05/06/25 12:48	5
Fluoranthene	**140**	**J**	950	100	ug/Kg	☼	05/02/25 13:45	05/06/25 12:48	5
Fluorene	950	U	950	110	ug/Kg	☼	05/02/25 13:45	05/06/25 12:48	5
Hexachlorobenzene	950	U	950	130	ug/Kg	☼	05/02/25 13:45	05/06/25 12:48	5
Hexachlorobutadiene	950	U	950	140	ug/Kg	☼	05/02/25 13:45	05/06/25 12:48	5
Hexachlorocyclopentadiene	950	U	950	130	ug/Kg	☼	05/02/25 13:45	05/06/25 12:48	5
Hexachloroethane	950	U	950	120	ug/Kg	☼	05/02/25 13:45	05/06/25 12:48	5
Indeno[1,2,3-cd]pyrene	950	U	950	120	ug/Kg	☼	05/02/25 13:45	05/06/25 12:48	5
Isophorone	950	U	950	200	ug/Kg	☼	05/02/25 13:45	05/06/25 12:48	5
Naphthalene	950	U	950	120	ug/Kg	☼	05/02/25 13:45	05/06/25 12:48	5
Nitrobenzene	950	U	950	110	ug/Kg	☼	05/02/25 13:45	05/06/25 12:48	5
N-Nitrosodi-n-propylamine	950	U	950	160	ug/Kg	☼	05/02/25 13:45	05/06/25 12:48	5
N-Nitrosodiphenylamine	950	U	950	770	ug/Kg	☼	05/02/25 13:45	05/06/25 12:48	5
Pentachlorophenol	1800	U	1800	950	ug/Kg	☼	05/02/25 13:45	05/06/25 12:48	5
Phenanthrene	950	U	950	140	ug/Kg	☼	05/02/25 13:45	05/06/25 12:48	5
Phenol	950	U	950	150	ug/Kg	☼	05/02/25 13:45	05/06/25 12:48	5
Pyrene	950	U	950	110	ug/Kg	☼	05/02/25 13:45	05/06/25 12:48	5

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Unknown	*1100*	*T J*	*ug/Kg*	☼	*3.47*	*N/A*	*05/02/25 13:45*	*05/06/25 12:48*	*5*

Client Sample ID: WC-01(0.5')(04302025)
Lab Sample ID: 480-229116-7
Date Collected: 04/30/25 08:10
Matrix: Solid
Date Received: 05/01/25 09:30
Percent Solids: 89.4

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	84		26 - 143	05/02/25 13:45	05/06/25 12:48	5
2-Fluorobiphenyl (Surr)	82		50 - 121	05/02/25 13:45	05/06/25 12:48	5
2-Fluorophenol (Surr)	78		36 - 120	05/02/25 13:45	05/06/25 12:48	5
Nitrobenzene-d5 (Surr)	81		40 - 121	05/02/25 13:45	05/06/25 12:48	5
Phenol-d5 (Surr)	83		41 - 120	05/02/25 13:45	05/06/25 12:48	5
p-Terphenyl-d14 (Surr)	86		46 - 143	05/02/25 13:45	05/06/25 12:48	5

Method: SW846 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	18	U	18	3.5	ug/Kg	☼	05/02/25 06:59	05/05/25 14:42	5
4,4'-DDE	**40**		18	3.8	ug/Kg	☼	05/02/25 06:59	05/05/25 14:42	5
4,4'-DDT	**120**		18	4.2	ug/Kg	☼	05/02/25 06:59	05/05/25 14:42	5
Aldrin	18	U	18	4.5	ug/Kg	☼	05/02/25 06:59	05/05/25 14:42	5
alpha-BHC	18	U	18	3.3	ug/Kg	☼	05/02/25 06:59	05/05/25 14:42	5
cis-Chlordane	18	U	18	9.0	ug/Kg	☼	05/02/25 06:59	05/05/25 14:42	5
beta-BHC	18	U	18	3.3	ug/Kg	☼	05/02/25 06:59	05/05/25 14:42	5
delta-BHC	18	U	18	3.4	ug/Kg	☼	05/02/25 06:59	05/05/25 14:42	5
Dieldrin	**6.0**	**J**	18	4.3	ug/Kg	☼	05/02/25 06:59	05/05/25 14:42	5
Endosulfan I	**14**	**J**	18	3.5	ug/Kg	☼	05/02/25 06:59	05/05/25 14:42	5
Endosulfan II	**9.0**	**J**	18	3.3	ug/Kg	☼	05/02/25 06:59	05/05/25 14:42	5
Endosulfan sulfate	18	U	18	3.4	ug/Kg	☼	05/02/25 06:59	05/05/25 14:42	5
Endrin	**6.9**	**J**	18	3.6	ug/Kg	☼	05/02/25 06:59	05/05/25 14:42	5
Endrin aldehyde	18	U	18	4.6	ug/Kg	☼	05/02/25 06:59	05/05/25 14:42	5
Endrin ketone	**8.8**	**J B**	18	4.5	ug/Kg	☼	05/02/25 06:59	05/05/25 14:42	5
gamma-BHC (Lindane)	18	U	18	3.3	ug/Kg	☼	05/02/25 06:59	05/05/25 14:42	5
trans-Chlordane	18	U	18	5.8	ug/Kg	☼	05/02/25 06:59	05/05/25 14:42	5
Heptachlor	18	U	18	3.9	ug/Kg	☼	05/02/25 06:59	05/05/25 14:42	5
Heptachlor epoxide	**8.1**	**J**	18	4.7	ug/Kg	☼	05/02/25 06:59	05/05/25 14:42	5
Methoxychlor	18	U	18	3.7	ug/Kg	☼	05/02/25 06:59	05/05/25 14:42	5
Toxaphene	180	U	180	110	ug/Kg	☼	05/02/25 06:59	05/05/25 14:42	5

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	96		45 - 120	05/02/25 06:59	05/05/25 14:42	5
DCB Decachlorobiphenyl	92		45 - 120	05/02/25 06:59	05/05/25 14:42	5
Tetrachloro-m-xylene	78		30 - 124	05/02/25 06:59	05/05/25 14:42	5
Tetrachloro-m-xylene	73		30 - 124	05/02/25 06:59	05/05/25 14:42	5

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	0.25	U	0.25	0.049	mg/Kg	☼	05/05/25 06:46	05/06/25 11:24	1
PCB-1221	0.25	U	0.25	0.049	mg/Kg	☼	05/05/25 06:46	05/06/25 11:24	1
PCB-1232	0.25	U	0.25	0.049	mg/Kg	☼	05/05/25 06:46	05/06/25 11:24	1
PCB-1242	0.25	U	0.25	0.049	mg/Kg	☼	05/05/25 06:46	05/06/25 11:24	1
PCB-1248	0.25	U	0.25	0.049	mg/Kg	☼	05/05/25 06:46	05/06/25 11:24	1
PCB-1254	**1.6**		0.25	0.12	mg/Kg	☼	05/05/25 06:46	05/06/25 11:24	1
PCB-1260	0.25	U	0.25	0.12	mg/Kg	☼	05/05/25 06:46	05/06/25 11:24	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	105		60 - 154	05/05/25 06:46	05/06/25 11:24	1
Tetrachloro-m-xylene	103		60 - 154	05/05/25 06:46	05/06/25 11:24	1
DCB Decachlorobiphenyl	106		65 - 174	05/05/25 06:46	05/06/25 11:24	1

Client Sample ID: WC-01(0.5')(04302025) — **Lab Sample ID: 480-229116-7**
Date Collected: 04/30/25 08:10 — **Matrix: Solid**
Date Received: 05/01/25 09:30 — **Percent Solids: 89.4**

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*102*		*65 - 174*	*05/05/25 06:46*	*05/06/25 11:24*	*1*

Method: SW846 8151A - Herbicides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4-D	18	U	18	11	ug/Kg	☼	05/06/25 06:53	05/09/25 14:48	1
Silvex (2,4,5-TP)	18	U	18	6.6	ug/Kg	☼	05/06/25 06:53	05/09/25 14:48	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4-Dichlorophenylacetic acid	*102*		*28 - 129*	*05/06/25 06:53*	*05/09/25 14:48*	*1*
2,4-Dichlorophenylacetic acid	*94*		*28 - 129*	*05/06/25 06:53*	*05/09/25 14:48*	*1*

Method: EPA 1633 - Per- and Polyfluoroalkyl Substances by LC/MS/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	0.19	U	0.19	0.077	ng/g	☼	05/05/25 14:04	05/06/25 23:33	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	0.39	U	0.39	0.13	ng/g	☼	05/05/25 14:04	05/06/25 23:33	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	0.39	U	0.39	0.097	ng/g	☼	05/05/25 14:04	05/06/25 23:33	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	0.39	U	0.39	0.13	ng/g	☼	05/05/25 14:04	05/06/25 23:33	1
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	0.97	U	0.97	0.39	ng/g	☼	05/05/25 14:04	05/06/25 23:33	1
3-Perfluoropentylpropanoic acid (5:3 FTCA)	0.97	U	0.97	0.48	ng/g	☼	05/05/25 14:04	05/06/25 23:33	1
3-Perfluoropropylpropanoic acid (3:3 FTCA)	0.39	U	0.39	0.19	ng/g	☼	05/05/25 14:04	05/06/25 23:33	1
4,8-Dioxa-3H-perfluorononanoic acid (DONA)	0.19	U	0.19	0.058	ng/g	☼	05/05/25 14:04	05/06/25 23:33	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	0.19	U	0.19	0.087	ng/g	☼	05/05/25 14:04	05/06/25 23:33	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	0.19	U	0.19	0.11	ng/g	☼	05/05/25 14:04	05/06/25 23:33	1
N-ethylperfluorooctane sulfonamide (NEtFOSA)	0.19	U	0.19	0.097	ng/g	☼	05/05/25 14:04	05/06/25 23:33	1
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	0.97	U	0.97	0.29	ng/g	☼	05/05/25 14:04	05/06/25 23:33	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	0.19	U	0.19	0.11	ng/g	☼	05/05/25 14:04	05/06/25 23:33	1
N-methylperfluorooctane sulfonamide (NMeFOSA)	0.19	U	0.19	0.087	ng/g	☼	05/05/25 14:04	05/06/25 23:33	1
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	0.97	U	0.97	0.29	ng/g	☼	05/05/25 14:04	05/06/25 23:33	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	0.19	U	0.19	0.077	ng/g	☼	05/05/25 14:04	05/06/25 23:33	1
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	0.19	U	0.19	0.068	ng/g	☼	05/05/25 14:04	05/06/25 23:33	1
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	0.19	U	0.19	0.048	ng/g	☼	05/05/25 14:04	05/06/25 23:33	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	0.19	U	0.19	0.068	ng/g	☼	05/05/25 14:04	05/06/25 23:33	1
Perfluoro-4-methoxybutanoic acid (PFMBA)	0.19	U	0.19	0.048	ng/g	☼	05/05/25 14:04	05/06/25 23:33	1
Perfluorobutanesulfonic acid (PFBS)	0.19	U	0.19	0.068	ng/g	☼	05/05/25 14:04	05/06/25 23:33	1
Perfluorobutanoic acid (PFBA)	0.39	U	0.39	0.13	ng/g	☼	05/05/25 14:04	05/06/25 23:33	1

Client: ERM-Northeast
Job ID: 480-229116-1
Project/Site: Sanmina Investigation - Owego, NY

Client Sample ID: WC-01(0.5')(04302025)
Lab Sample ID: 480-229116-7
Date Collected: 04/30/25 08:10
Matrix: Solid
Date Received: 05/01/25 09:30
Percent Solids: 89.4

Method: EPA 1633 - Per- and Polyfluoroalkyl Substances by LC/MS/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorodecanesulfonic acid (PFDS)	0.19	U	0.19	0.048	ng/g	☼	05/05/25 14:04	05/06/25 23:33	1
Perfluorodecanoic acid (PFDA)	0.19	U	0.19	0.048	ng/g	☼	05/05/25 14:04	05/06/25 23:33	1
Perfluorododecanesulfonic acid (PFDoS)	0.19	U T	0.19	0.058	ng/g	☼	05/05/25 14:04	05/06/25 23:33	1
Perfluorododecanoic acid (PFDoA)	0.19	U	0.19	0.048	ng/g	☼	05/05/25 14:04	05/06/25 23:33	1
Perfluoroheptanesulfonic acid (PFHpS)	0.19	U	0.19	0.068	ng/g	☼	05/05/25 14:04	05/06/25 23:33	1
Perfluoroheptanoic acid (PFHpA)	0.19	U	0.19	0.068	ng/g	☼	05/05/25 14:04	05/06/25 23:33	1
Perfluorohexanesulfonic acid (PFHxS)	0.19	U	0.19	0.048	ng/g	☼	05/05/25 14:04	05/06/25 23:33	1
Perfluorohexanoic acid (PFHxA)	0.19	U	0.19	0.058	ng/g	☼	05/05/25 14:04	05/06/25 23:33	1
Perfluorononanesulfonic acid (PFNS)	0.19	U	0.19	0.068	ng/g	☼	05/05/25 14:04	05/06/25 23:33	1
Perfluorononanoic acid (PFNA)	0.19	U	0.19	0.058	ng/g	☼	05/05/25 14:04	05/06/25 23:33	1
Perfluorooctanesulfonamide (PFOSA)	0.19	U	0.19	0.087	ng/g	☼	05/05/25 14:04	05/06/25 23:33	1
Perfluorooctanesulfonic acid (PFOS)	**0.14**	**J**	0.19	0.11	ng/g	☼	05/05/25 14:04	05/06/25 23:33	1
Perfluorooctanoic acid (PFOA)	0.19	U	0.19	0.058	ng/g	☼	05/05/25 14:04	05/06/25 23:33	1
Perfluoropentanesulfonic acid (PFPeS)	0.19	U	0.19	0.058	ng/g	☼	05/05/25 14:04	05/06/25 23:33	1
Perfluoropentanoic acid (PFPeA)	0.19	U	0.19	0.048	ng/g	☼	05/05/25 14:04	05/06/25 23:33	1
Perfluorotetradecanoic acid (PFTeDA)	0.19	U	0.19	0.068	ng/g	☼	05/05/25 14:04	05/06/25 23:33	1
Perfluorotridecanoic acid (PFTrDA)	0.19	U	0.19	0.068	ng/g	☼	05/05/25 14:04	05/06/25 23:33	1
Perfluoroundecanoic acid (PFUnA)	0.19	U	0.19	0.048	ng/g	☼	05/05/25 14:04	05/06/25 23:33	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C2 4:2 FTS	*88.4*		*40 - 165*	*05/05/25 14:04*	*05/06/25 23:33*	*1*
13C2 6:2 FTS	*85.5*		*40 - 215*	*05/05/25 14:04*	*05/06/25 23:33*	*1*
13C2 8:2 FTS	*73.6*		*40 - 275*	*05/05/25 14:04*	*05/06/25 23:33*	*1*
13C2 PFDoA	*58.3*		*40 - 130*	*05/05/25 14:04*	*05/06/25 23:33*	*1*
13C2 PFTeDA	*36.9*		*20 - 130*	*05/05/25 14:04*	*05/06/25 23:33*	*1*
13C3 HFPO-DA	*65.8*		*40 - 130*	*05/05/25 14:04*	*05/06/25 23:33*	*1*
13C3 PFBS	*67.1*		*40 - 135*	*05/05/25 14:04*	*05/06/25 23:33*	*1*
13C3 PFHxS	*71.6*		*40 - 130*	*05/05/25 14:04*	*05/06/25 23:33*	*1*
13C4 PFBA	*72.1*		*8 - 130*	*05/05/25 14:04*	*05/06/25 23:33*	*1*
13C4 PFHpA	*65.3*		*40 - 130*	*05/05/25 14:04*	*05/06/25 23:33*	*1*
13C5 PFHxA	*70.2*		*40 - 130*	*05/05/25 14:04*	*05/06/25 23:33*	*1*
13C5 PFPeA	*62.0*		*35 - 130*	*05/05/25 14:04*	*05/06/25 23:33*	*1*
13C6 PFDA	*63.6*		*40 - 130*	*05/05/25 14:04*	*05/06/25 23:33*	*1*
13C7 PFUnA	*57.0*		*40 - 130*	*05/05/25 14:04*	*05/06/25 23:33*	*1*
13C8 FOSA	*74.0*		*40 - 130*	*05/05/25 14:04*	*05/06/25 23:33*	*1*
13C8 PFOA	*75.5*		*40 - 130*	*05/05/25 14:04*	*05/06/25 23:33*	*1*
13C8 PFOS	*66.5*		*40 - 130*	*05/05/25 14:04*	*05/06/25 23:33*	*1*
13C9 PFNA	*69.2*		*40 - 130*	*05/05/25 14:04*	*05/06/25 23:33*	*1*
d3-NMeFOSAA	*54.7*		*40 - 135*	*05/05/25 14:04*	*05/06/25 23:33*	*1*
d3-NMePFOSA	*58.7*		*10 - 130*	*05/05/25 14:04*	*05/06/25 23:33*	*1*
d5-NEtFOSAA	*47.3*		*40 - 150*	*05/05/25 14:04*	*05/06/25 23:33*	*1*
d5-NEtPFOSA	*52.2*		*10 - 130*	*05/05/25 14:04*	*05/06/25 23:33*	*1*
D7-NMeFOSE	*62.9*		*20 - 130*	*05/05/25 14:04*	*05/06/25 23:33*	*1*
D9-NEtFOSE	*60.3*		*15 - 130*	*05/05/25 14:04*	*05/06/25 23:33*	*1*

Client: ERM-Northeast
Job ID: 480-229116-1
Project/Site: Sanmina Investigation - Owego, NY

Client Sample ID: WC-01(0.5')(04302025)
Lab Sample ID: 480-229116-7
Date Collected: 04/30/25 08:10
Matrix: Solid
Date Received: 05/01/25 09:30
Percent Solids: 89.4

Method: SW846 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	16900		11.6	10	mg/Kg	☼	05/01/25 14:59	05/02/25 15:52	1
Antimony	17.3	U	17.3	0.61	mg/Kg	☼	05/01/25 14:59	05/02/25 15:52	1
Arsenic	8.4		2.3	1.0	mg/Kg	☼	05/01/25 14:59	05/02/25 15:52	1
Barium	121		0.58	0.16	mg/Kg	☼	05/01/25 14:59	05/02/25 15:52	1
Beryllium	0.69		0.23	0.046	mg/Kg	☼	05/01/25 14:59	05/02/25 15:52	1
Cadmium	0.11	J	0.23	0.081	mg/Kg	☼	05/01/25 14:59	05/02/25 15:52	1
Calcium	1040		57.8	31.2	mg/Kg	☼	05/01/25 14:59	05/02/25 15:52	1
Chromium	60.5		0.58	0.42	mg/Kg	☼	05/01/25 14:59	05/02/25 15:52	1
Cobalt	12.4		0.58	0.12	mg/Kg	☼	05/01/25 14:59	05/02/25 15:52	1
Copper	1340		5.8	3.3	mg/Kg	☼	05/01/25 14:59	05/05/25 11:02	5
Iron	34100		11.6	9.8	mg/Kg	☼	05/01/25 14:59	05/02/25 15:52	1
Lead	282		1.2	0.53	mg/Kg	☼	05/01/25 14:59	05/02/25 15:52	1
Magnesium	4330		23.1	9.8	mg/Kg	☼	05/01/25 14:59	05/02/25 15:52	1
Manganese	596		1.2	0.32	mg/Kg	☼	05/01/25 14:59	05/02/25 15:52	1
Nickel	50.5		5.8	0.29	mg/Kg	☼	05/01/25 14:59	05/02/25 15:52	1
Potassium	1480		34.7	28.0	mg/Kg	☼	05/01/25 14:59	05/02/25 15:52	1
Selenium	4.6	U	4.6	0.92	mg/Kg	☼	05/01/25 14:59	05/02/25 15:52	1
Silver	0.39	J	0.69	0.23	mg/Kg	☼	05/01/25 14:59	05/02/25 15:52	1
Sodium	100	J	162	70.9	mg/Kg	☼	05/01/25 14:59	05/02/25 15:52	1
Thallium	6.9	U	6.9	0.88	mg/Kg	☼	05/01/25 14:59	05/02/25 15:52	1
Vanadium	22.9		0.58	0.15	mg/Kg	☼	05/01/25 14:59	05/02/25 15:52	1
Zinc	78.0		2.3	1.2	mg/Kg	☼	05/01/25 14:59	05/02/25 15:52	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.031		0.022	0.0050	mg/Kg	☼	05/05/25 08:53	05/05/25 15:03	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7196A)	2.2		0.46	0.15	mg/Kg	☼	05/05/25 11:59	05/05/25 20:04	1
Cyanide, Total (SW846 9012B)	1.0	U	1.0	0.51	mg/Kg	☼	05/06/25 12:47	05/06/25 17:03	1

Surrogate Summary

Client: ERM-Northeast
Job ID: 480-229116-1
Project/Site: Sanmina Investigation - Owego, NY

Method: 8260C - Volatile Organic Compounds by GC/MS

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)			
		DCA	BFB	DBFM	TOL
Lab Sample ID	Client Sample ID	(64-126)	(72-126)	(60-140)	(71-125)
480-229116-1	WC-01 (04302025)	107	97	101	95
480-229116-2	WC-02 (04302025)	107	100	104	97
480-229116-3	WC-03 (04302025)	107	96	102	97
480-229116-4	WC-04 (04302025)	104	97	100	96
480-229116-5	WC-05 (04302025)	105	98	102	98
LCS 480-745043/1-A	Lab Control Sample	101	95	101	98
LCSD 480-745043/2-A	Lab Control Sample Dup	102	96	103	97
MB 480-745043/3-A	Method Blank	108	99	105	96

Surrogate Legend

DCA = 1,2-Dichloroethane-d4 (Surr)
BFB = 4-Bromofluorobenzene (Surr)
DBFM = Dibromofluoromethane (Surr)
TOL = Toluene-d8 (Surr)

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)					
		TBP	FBP	2FP	NBZ	PHL	TPHd14
Lab Sample ID	Client Sample ID	(26-143)	(50-121)	(36-120)	(40-121)	(41-120)	(46-143)
480-229116-6	WC-02(0.5')(04302025)	95	91	80	87	85	93
480-229116-7	WC-01(0.5')(04302025)	84	82	78	81	83	86
LCS 480-745124/2-A	Lab Control Sample	106	93	84	89	91	99
MB 480-745124/1-A	Method Blank	92	93	82	85	87	99

Surrogate Legend

TBP = 2,4,6-Tribromophenol (Surr)
FBP = 2-Fluorobiphenyl (Surr)
2FP = 2-Fluorophenol (Surr)
NBZ = Nitrobenzene-d5 (Surr)
PHL = Phenol-d5 (Surr)
TPHd14 = p-Terphenyl-d14 (Surr)

Method: 8081B - Organochlorine Pesticides (GC)

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)			
		DCBP1	DCBP2	TCX1	TCX2
Lab Sample ID	Client Sample ID	(45-120)	(45-120)	(30-124)	(30-124)
480-229116-6	WC-02(0.5')(04302025)	85	396 TH	90	77
480-229116-7	WC-01(0.5')(04302025)	96	92	78	73
LCS 480-745050/2-A	Lab Control Sample	87	88	67	64
MB 480-745050/1-A	Method Blank	83	79	65	60

Surrogate Legend

DCBP = DCB Decachlorobiphenyl
TCX = Tetrachloro-m-xylene

Surrogate Summary

Client: ERM-Northeast
Job ID: 480-229116-1
Project/Site: Sanmina Investigation - Owego, NY

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)			
		TCX1	TCX2	DCBP1	DCBP2
Lab Sample ID	Client Sample ID	(60-154)	(60-154)	(65-174)	(65-174)
480-229116-6	WC-02(0.5')(04302025)	96	98	100	131
480-229116-7	WC-01(0.5')(04302025)	105	103	106	102
LCS 480-745174/2-A	Lab Control Sample	148	150	161	150
MB 480-745174/1-A	Method Blank	120	119	138	126

Surrogate Legend

TCX = Tetrachloro-m-xylene

DCBP = DCB Decachlorobiphenyl

Method: 8151A - Herbicides (GC)

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)	
		DCPAA1	DCPAA2
Lab Sample ID	Client Sample ID	(28-129)	(28-129)
480-229116-6	WC-02(0.5')(04302025)	76	70
480-229116-7	WC-01(0.5')(04302025)	102	94
LCS 480-745263/2-A	Lab Control Sample	74	71
MB 480-745263/1-A	Method Blank	74	72

Surrogate Legend

DCPAA = 2,4-Dichlorophenylacetic acid

Isotope Dilution Summary

Client: ERM-Northeast
Job ID: 480-229116-1
Project/Site: Sanmina Investigation - Owego, NY

Method: 1633 - Per- and Polyfluoroalkyl Substances by LC/MS/MS

Matrix: Solid **Prep Type: Total/NA**

		Percent Isotope Dilution Recovery (Acceptance Limits)							
		M242FTS	M262FTS	M282FTS	PFDoA	PFTDA	HFPODA	C3PFBS	C3PFHS
Lab Sample ID	Client Sample ID	(40-165)	(40-215)	(40-275)	(40-130)	(20-130)	(40-130)	(40-135)	(40-130)
480-229116-6	WC-02(0.5')(04302025)	87.2	101	84.9	60.6	37.9	81.8	84.0	89.3
480-229116-7	WC-01(0.5')(04302025)	88.4	85.5	73.6	58.3	36.9	65.8	67.1	71.6
LCS 410-639601/2-A	Lab Control Sample	84.6	88.3	88.0	76.3	47.5	91.4	94.1	91.0
LCSD 410-639601/3-A	Lab Control Sample Dup	83.6	86.8	81.7	78.4	73.9	85.3	92.0	88.3
LLCS 410-639601/4-A	Lab Control Sample	79.5	89.1	85.8	79.5	50.3	86.0	92.1	90.9
MB 410-639601/1-A	Method Blank	90.0	89.4	91.0	89.7	72.3	91.1	99.8	95.1

		Percent Isotope Dilution Recovery (Acceptance Limits)							
		PFBA	C4PFHA	13C5PHA	PFPeA	C6PFDA	13C7PUA	PFOSA	C8PFOA
Lab Sample ID	Client Sample ID	(8-130)	(40-130)	(40-130)	(35-130)	(40-130)	(40-130)	(40-130)	(40-130)
480-229116-6	WC-02(0.5')(04302025)	86.5	81.6	83.7	76.1	73.6	67.3	83.6	94.2
480-229116-7	WC-01(0.5')(04302025)	72.1	65.3	70.2	62.0	63.6	57.0	74.0	75.5
LCS 410-639601/2-A	Lab Control Sample	85.8	83.7	84.7	79.3	84.7	87.3	89.9	93.6
LCSD 410-639601/3-A	Lab Control Sample Dup	86.5	84.5	88.6	81.7	86.8	92.8	86.6	92.4
LLCS 410-639601/4-A	Lab Control Sample	87.9	86.5	88.0	81.6	87.9	87.5	96.0	96.5
MB 410-639601/1-A	Method Blank	89.7	91.3	93.2	83.4	93.6	91.6	90.8	93.2

		Percent Isotope Dilution Recovery (Acceptance Limits)							
		C8PFOS	C9PFNA	d3NMFOS	d3NMFSA	d5NEFOS	d5NPFSA	NMFM	NEFM
Lab Sample ID	Client Sample ID	(40-130)	(40-130)	(40-135)	(10-130)	(40-150)	(10-130)	(20-130)	(15-130)
480-229116-6	WC-02(0.5')(04302025)	75.1	84.1	67.3	69.5	58.6	63.2	78.2	77.4
480-229116-7	WC-01(0.5')(04302025)	66.5	69.2	54.7	58.7	47.3	52.2	62.9	60.3
LCS 410-639601/2-A	Lab Control Sample	93.0	92.0	84.6	68.4	76.6	70.1	91.8	92.5
LCSD 410-639601/3-A	Lab Control Sample Dup	85.4	88.9	82.4	69.3	72.0	65.7	82.1	86.0
LLCS 410-639601/4-A	Lab Control Sample	94.6	91.7	87.1	74.7	79.1	67.9	96.3	94.3
MB 410-639601/1-A	Method Blank	89.3	89.8	90.6	71.8	85.1	72.1	93.7	92.1

Surrogate Legend

M242FTS = 13C2 4:2 FTS
M262FTS = 13C2 6:2 FTS
M282FTS = 13C2 8:2 FTS
PFDoA = 13C2 PFDoA
PFTDA = 13C2 PFTeDA
HFPODA = 13C3 HFPO-DA
C3PFBS = 13C3 PFBS
C3PFHS = 13C3 PFHxS
PFBA = 13C4 PFBA
C4PFHA = 13C4 PFHpA
13C5PHA = 13C5 PFHxA
PFPeA = 13C5 PFPeA
C6PFDA = 13C6 PFDA
13C7PUA = 13C7 PFUnA
PFOSA = 13C8 FOSA
C8PFOA = 13C8 PFOA
C8PFOS = 13C8 PFOS
C9PFNA = 13C9 PFNA
d3NMFOS = d3-NMeFOSAA
d3NMFSA = d3-NMePFOSA
d5NEFOS = d5-NEtFOSAA
d5NPFSA = d5-NEtPFOSA
NMFM = D7-NMeFOSE

Isotope Dilution Summary

Client: ERM-Northeast
Job ID: 480-229116-1
Project/Site: Sanmina Investigation - Owego, NY

NEFM = D9-NEtFOSE

Method: 8260C - Volatile Organic Compounds by GC/MS

Lab Sample ID: MB 480-745043/3-A
Matrix: Solid
Analysis Batch: 745044

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 745043

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	5.0	U	5.0	0.36	ug/Kg		05/01/25 17:40	05/01/25 21:35	1
1,1,2,2-Tetrachloroethane	5.0	U	5.0	0.81	ug/Kg		05/01/25 17:40	05/01/25 21:35	1
1,1,2-Trichloro-1,2,2-trifluoroethane	5.0	U	5.0	1.1	ug/Kg		05/01/25 17:40	05/01/25 21:35	1
1,1,2-Trichloroethane	5.0	U	5.0	0.65	ug/Kg		05/01/25 17:40	05/01/25 21:35	1
1,1-Dichloroethane	5.0	U	5.0	0.61	ug/Kg		05/01/25 17:40	05/01/25 21:35	1
1,1-Dichloroethene	5.0	U	5.0	0.61	ug/Kg		05/01/25 17:40	05/01/25 21:35	1
1,2,4-Trichlorobenzene	5.0	U	5.0	0.30	ug/Kg		05/01/25 17:40	05/01/25 21:35	1
1,2-Dibromo-3-Chloropropane	5.0	U	5.0	2.5	ug/Kg		05/01/25 17:40	05/01/25 21:35	1
1,2-Dibromoethane	5.0	U	5.0	0.64	ug/Kg		05/01/25 17:40	05/01/25 21:35	1
1,2-Dichlorobenzene	5.0	U	5.0	0.39	ug/Kg		05/01/25 17:40	05/01/25 21:35	1
1,2-Dichloroethane	5.0	U	5.0	0.25	ug/Kg		05/01/25 17:40	05/01/25 21:35	1
1,2-Dichloropropane	5.0	U	5.0	2.5	ug/Kg		05/01/25 17:40	05/01/25 21:35	1
1,3-Dichlorobenzene	5.0	U	5.0	0.26	ug/Kg		05/01/25 17:40	05/01/25 21:35	1
1,4-Dichlorobenzene	5.0	U	5.0	0.70	ug/Kg		05/01/25 17:40	05/01/25 21:35	1
2-Butanone (MEK)	25	U	25	1.8	ug/Kg		05/01/25 17:40	05/01/25 21:35	1
2-Hexanone	25	U	25	2.5	ug/Kg		05/01/25 17:40	05/01/25 21:35	1
4-Methyl-2-pentanone (MIBK)	25	U	25	1.6	ug/Kg		05/01/25 17:40	05/01/25 21:35	1
Acetone	25	U	25	4.2	ug/Kg		05/01/25 17:40	05/01/25 21:35	1
Benzene	5.0	U	5.0	0.25	ug/Kg		05/01/25 17:40	05/01/25 21:35	1
Bromodichloromethane	5.0	U	5.0	0.67	ug/Kg		05/01/25 17:40	05/01/25 21:35	1
Bromoform	5.0	U	5.0	2.5	ug/Kg		05/01/25 17:40	05/01/25 21:35	1
Bromomethane	5.0	U	5.0	0.45	ug/Kg		05/01/25 17:40	05/01/25 21:35	1
Carbon disulfide	5.0	U	5.0	2.5	ug/Kg		05/01/25 17:40	05/01/25 21:35	1
Carbon tetrachloride	5.0	U	5.0	0.48	ug/Kg		05/01/25 17:40	05/01/25 21:35	1
Chlorobenzene	5.0	U	5.0	0.66	ug/Kg		05/01/25 17:40	05/01/25 21:35	1
Chloroethane	5.0	U	5.0	1.1	ug/Kg		05/01/25 17:40	05/01/25 21:35	1
Chloroform	1.12	J	5.0	0.31	ug/Kg		05/01/25 17:40	05/01/25 21:35	1
Chloromethane	5.0	U	5.0	0.30	ug/Kg		05/01/25 17:40	05/01/25 21:35	1
cis-1,2-Dichloroethene	5.0	U	5.0	0.64	ug/Kg		05/01/25 17:40	05/01/25 21:35	1
cis-1,3-Dichloropropene	5.0	U	5.0	0.72	ug/Kg		05/01/25 17:40	05/01/25 21:35	1
Cyclohexane	5.0	U	5.0	0.70	ug/Kg		05/01/25 17:40	05/01/25 21:35	1
Dibromochloromethane	5.0	U	5.0	0.64	ug/Kg		05/01/25 17:40	05/01/25 21:35	1
Dichlorodifluoromethane	5.0	U	5.0	0.41	ug/Kg		05/01/25 17:40	05/01/25 21:35	1
Ethylbenzene	5.0	U	5.0	0.35	ug/Kg		05/01/25 17:40	05/01/25 21:35	1
Isopropylbenzene	5.0	U	5.0	0.75	ug/Kg		05/01/25 17:40	05/01/25 21:35	1
Methyl acetate	25	U	25	3.0	ug/Kg		05/01/25 17:40	05/01/25 21:35	1
Methyl tert-butyl ether	5.0	U	5.0	0.49	ug/Kg		05/01/25 17:40	05/01/25 21:35	1
Methylcyclohexane	5.0	U	5.0	0.76	ug/Kg		05/01/25 17:40	05/01/25 21:35	1
Methylene Chloride	5.0	U	5.0	2.3	ug/Kg		05/01/25 17:40	05/01/25 21:35	1
Styrene	5.0	U	5.0	0.25	ug/Kg		05/01/25 17:40	05/01/25 21:35	1
Tetrachloroethene	5.0	U	5.0	0.67	ug/Kg		05/01/25 17:40	05/01/25 21:35	1
Toluene	5.0	U	5.0	0.38	ug/Kg		05/01/25 17:40	05/01/25 21:35	1
trans-1,2-Dichloroethene	5.0	U	5.0	0.52	ug/Kg		05/01/25 17:40	05/01/25 21:35	1
trans-1,3-Dichloropropene	5.0	U	5.0	2.2	ug/Kg		05/01/25 17:40	05/01/25 21:35	1
Trichloroethene	5.0	U	5.0	1.1	ug/Kg		05/01/25 17:40	05/01/25 21:35	1
Trichlorofluoromethane	5.0	U	5.0	0.47	ug/Kg		05/01/25 17:40	05/01/25 21:35	1
Vinyl chloride	5.0	U	5.0	0.61	ug/Kg		05/01/25 17:40	05/01/25 21:35	1
Xylenes, Total	10	U	10	0.84	ug/Kg		05/01/25 17:40	05/01/25 21:35	1

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 480-745043/3-A
Matrix: Solid
Analysis Batch: 745044

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 745043

Tentatively Identified Compound	MB Est. Result	MB Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Tentatively Identified Compound	None		ug/Kg			N/A	05/01/25 17:40	05/01/25 21:35	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	108		64 - 126	05/01/25 17:40	05/01/25 21:35	1
4-Bromofluorobenzene (Surr)	99		72 - 126	05/01/25 17:40	05/01/25 21:35	1
Dibromofluoromethane (Surr)	105		60 - 140	05/01/25 17:40	05/01/25 21:35	1
Toluene-d8 (Surr)	96		71 - 125	05/01/25 17:40	05/01/25 21:35	1

Lab Sample ID: LCS 480-745043/1-A
Matrix: Solid
Analysis Batch: 745044

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 745043

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1-Trichloroethane	50.0	48.3		ug/Kg		97	77 - 121
1,1,2,2-Tetrachloroethane	50.0	45.6		ug/Kg		91	80 - 120
1,1,2-Trichloro-1,2,2-trifluoroethane	50.0	44.3		ug/Kg		89	60 - 140
1,1,2-Trichloroethane	50.0	45.9		ug/Kg		92	78 - 122
1,1-Dichloroethane	50.0	47.9		ug/Kg		96	73 - 126
1,1-Dichloroethene	50.0	45.7		ug/Kg		91	59 - 125
1,2,4-Trichlorobenzene	50.0	44.1		ug/Kg		88	64 - 120
1,2-Dibromo-3-Chloropropane	50.0	47.1		ug/Kg		94	63 - 124
1,2-Dibromoethane	50.0	45.2		ug/Kg		90	78 - 120
1,2-Dichlorobenzene	50.0	43.8		ug/Kg		88	75 - 120
1,2-Dichloroethane	50.0	48.6		ug/Kg		97	77 - 122
1,2-Dichloropropane	50.0	48.1		ug/Kg		96	75 - 124
1,3-Dichlorobenzene	50.0	44.6		ug/Kg		89	74 - 120
1,4-Dichlorobenzene	50.0	44.0		ug/Kg		88	73 - 120
2-Butanone (MEK)	250	267		ug/Kg		107	70 - 134
2-Hexanone	250	247		ug/Kg		99	59 - 130
4-Methyl-2-pentanone (MIBK)	250	244		ug/Kg		98	65 - 133
Acetone	250	261		ug/Kg		105	61 - 137
Benzene	50.0	46.5		ug/Kg		93	79 - 127
Bromodichloromethane	50.0	48.0		ug/Kg		96	80 - 122
Bromoform	50.0	45.3		ug/Kg		91	68 - 126
Bromomethane	50.0	43.9		ug/Kg		88	37 - 149
Carbon disulfide	50.0	43.0		ug/Kg		86	64 - 131
Carbon tetrachloride	50.0	46.0		ug/Kg		92	75 - 135
Chlorobenzene	50.0	44.7		ug/Kg		89	76 - 124
Chloroethane	50.0	45.8		ug/Kg		92	69 - 135
Chloroform	50.0	45.0		ug/Kg		90	80 - 120
Chloromethane	50.0	43.6		ug/Kg		87	63 - 127
cis-1,2-Dichloroethene	50.0	45.7		ug/Kg		91	81 - 120
cis-1,3-Dichloropropene	50.0	49.2		ug/Kg		98	80 - 120
Cyclohexane	50.0	47.2		ug/Kg		94	65 - 120
Dibromochloromethane	50.0	46.6		ug/Kg		93	76 - 125
Dichlorodifluoromethane	50.0	37.3		ug/Kg		75	57 - 142
Ethylbenzene	50.0	44.5		ug/Kg		89	80 - 120

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 480-745043/1-A
Matrix: Solid
Analysis Batch: 745044

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 745043

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Isopropylbenzene			50.0	47.5		ug/Kg		95	72 - 120		
Methyl acetate			100	96.0		ug/Kg		96	55 - 136		
Methyl tert-butyl ether			50.0	45.7		ug/Kg		91	63 - 125		
Methylcyclohexane			50.0	46.9		ug/Kg		94	60 - 140		
Methylene Chloride			50.0	48.6		ug/Kg		97	61 - 127		
Styrene			50.0	42.8		ug/Kg		86	80 - 120		
Tetrachloroethene			50.0	44.6		ug/Kg		89	74 - 122		
Toluene			50.0	44.5		ug/Kg		89	74 - 128		
trans-1,2-Dichloroethene			50.0	45.8		ug/Kg		92	78 - 126		
Trichloroethene			50.0	47.4		ug/Kg		95	77 - 129		
Trichlorofluoromethane			50.0	48.5		ug/Kg		97	65 - 146		
Vinyl chloride			50.0	44.9		ug/Kg		90	61 - 133		
Xylenes, Total			100	89.2		ug/Kg		89	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*101*		*64 - 126*
4-Bromofluorobenzene (Surr)	*95*		*72 - 126*
Dibromofluoromethane (Surr)	*101*		*60 - 140*
Toluene-d8 (Surr)	*98*		*71 - 125*

Lab Sample ID: LCSD 480-745043/2-A
Matrix: Solid
Analysis Batch: 745044

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 745043

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1,1-Trichloroethane			50.0	45.2		ug/Kg		90	77 - 121	7	20
1,1,2,2-Tetrachloroethane			50.0	47.3		ug/Kg		95	80 - 120	4	20
1,1,2-Trichloro-1,2,2-trifluoroethane			50.0	43.4		ug/Kg		87	60 - 140	2	20
1,1,2-Trichloroethane			50.0	47.4		ug/Kg		95	78 - 122	3	20
1,1-Dichloroethane			50.0	46.5		ug/Kg		93	73 - 126	3	20
1,1-Dichloroethene			50.0	43.4		ug/Kg		87	59 - 125	5	20
1,2,4-Trichlorobenzene			50.0	45.1		ug/Kg		90	64 - 120	2	20
1,2-Dibromo-3-Chloropropane			50.0	48.3		ug/Kg		97	63 - 124	3	20
1,2-Dibromoethane			50.0	47.4		ug/Kg		95	78 - 120	5	20
1,2-Dichlorobenzene			50.0	44.5		ug/Kg		89	75 - 120	2	20
1,2-Dichloroethane			50.0	50.1		ug/Kg		100	77 - 122	3	20
1,2-Dichloropropane			50.0	48.6		ug/Kg		97	75 - 124	1	20
1,3-Dichlorobenzene			50.0	44.3		ug/Kg		89	74 - 120	1	20
1,4-Dichlorobenzene			50.0	44.4		ug/Kg		89	73 - 120	1	20
2-Butanone (MEK)			250	277		ug/Kg		111	70 - 134	4	20
2-Hexanone			250	259		ug/Kg		104	59 - 130	5	20
4-Methyl-2-pentanone (MIBK)			250	255		ug/Kg		102	65 - 133	5	20
Acetone			250	265		ug/Kg		106	61 - 137	1	20
Benzene			50.0	45.9		ug/Kg		92	79 - 127	1	20
Bromodichloromethane			50.0	49.0		ug/Kg		98	80 - 122	2	20
Bromoform			50.0	46.4		ug/Kg		93	68 - 126	2	20
Bromomethane			50.0	42.9		ug/Kg		86	37 - 149	2	20
Carbon disulfide			50.0	41.1		ug/Kg		82	64 - 131	5	20

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCSD 480-745043/2-A
Client Sample ID: Lab Control Sample Dup
Matrix: Solid
Prep Type: Total/NA
Analysis Batch: 745044
Prep Batch: 745043

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Carbon tetrachloride			50.0	44.8		ug/Kg		90	75 - 135	3	20
Chlorobenzene			50.0	44.4		ug/Kg		89	76 - 124	1	20
Chloroethane			50.0	43.8		ug/Kg		88	69 - 135	4	20
Chloroform			50.0	44.4		ug/Kg		89	80 - 120	1	20
Chloromethane			50.0	42.2		ug/Kg		84	63 - 127	3	20
cis-1,2-Dichloroethene			50.0	45.4		ug/Kg		91	81 - 120	1	20
cis-1,3-Dichloropropene			50.0	50.5		ug/Kg		101	80 - 120	2	20
Cyclohexane			50.0	44.4		ug/Kg		89	65 - 120	6	20
Dibromochloromethane			50.0	48.1		ug/Kg		96	76 - 125	3	20
Dichlorodifluoromethane			50.0	35.1		ug/Kg		70	57 - 142	6	20
Ethylbenzene			50.0	43.1		ug/Kg		86	80 - 120	3	20
Isopropylbenzene			50.0	45.8		ug/Kg		92	72 - 120	4	20
Methyl acetate			100	99.5		ug/Kg		100	55 - 136	4	20
Methyl tert-butyl ether			50.0	46.9		ug/Kg		94	63 - 125	3	20
Methylcyclohexane			50.0	44.8		ug/Kg		90	60 - 140	5	20
Methylene Chloride			50.0	49.1		ug/Kg		98	61 - 127	1	20
Styrene			50.0	43.0		ug/Kg		86	80 - 120	1	20
Tetrachloroethene			50.0	42.9		ug/Kg		86	74 - 122	4	20
Toluene			50.0	43.2		ug/Kg		86	74 - 128	3	20
trans-1,2-Dichloroethene			50.0	44.2		ug/Kg		88	78 - 126	3	20
Trichloroethene			50.0	46.6		ug/Kg		93	77 - 129	2	20
Trichlorofluoromethane			50.0	45.8		ug/Kg		92	65 - 146	6	20
Vinyl chloride			50.0	42.2		ug/Kg		84	61 - 133	6	20
Xylenes, Total			100	88.4		ug/Kg		88	70 - 130	1	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*102*		*64 - 126*
4-Bromofluorobenzene (Surr)	*96*		*72 - 126*
Dibromofluoromethane (Surr)	*103*		*60 - 140*
Toluene-d8 (Surr)	*97*		*71 - 125*

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Lab Sample ID: MB 480-745124/1-A
Client Sample ID: Method Blank
Matrix: Solid
Prep Type: Total/NA
Analysis Batch: 745191
Prep Batch: 745124

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4,5-Tetrachlorobenzene	170	U	170	29	ug/Kg		05/02/25 13:45	05/06/25 05:24	1
1,4-Dioxane	100	U	100	55	ug/Kg		05/02/25 13:45	05/06/25 05:24	1
2,3,4,6-Tetrachlorophenol	170	U	170	35	ug/Kg		05/02/25 13:45	05/06/25 05:24	1
2,4,5-Trichlorophenol	170	U	170	46	ug/Kg		05/02/25 13:45	05/06/25 05:24	1
2,4,6-Trichlorophenol	170	U	170	34	ug/Kg		05/02/25 13:45	05/06/25 05:24	1
2,4-Dichlorophenol	170	U	170	18	ug/Kg		05/02/25 13:45	05/06/25 05:24	1
2,4-Dimethylphenol	170	U	170	41	ug/Kg		05/02/25 13:45	05/06/25 05:24	1
2,4-Dinitrophenol	1700	U	1700	780	ug/Kg		05/02/25 13:45	05/06/25 05:24	1
2,4-Dinitrotoluene	170	U	170	35	ug/Kg		05/02/25 13:45	05/06/25 05:24	1
2,6-Dinitrotoluene	170	U	170	20	ug/Kg		05/02/25 13:45	05/06/25 05:24	1
2-Chloronaphthalene	170	U	170	28	ug/Kg		05/02/25 13:45	05/06/25 05:24	1

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 480-745124/1-A
Matrix: Solid
Analysis Batch: 745191

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 745124

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Chlorophenol	330	U	330	31	ug/Kg		05/02/25 13:45	05/06/25 05:24	1
2-Methylnaphthalene	170	U	170	34	ug/Kg		05/02/25 13:45	05/06/25 05:24	1
2-Methylphenol	170	U	170	20	ug/Kg		05/02/25 13:45	05/06/25 05:24	1
2-Nitroaniline	330	U	330	25	ug/Kg		05/02/25 13:45	05/06/25 05:24	1
2-Nitrophenol	170	U	170	48	ug/Kg		05/02/25 13:45	05/06/25 05:24	1
3,3'-Dichlorobenzidine	330	U	330	200	ug/Kg		05/02/25 13:45	05/06/25 05:24	1
3-Nitroaniline	330	U	330	47	ug/Kg		05/02/25 13:45	05/06/25 05:24	1
4,6-Dinitro-2-methylphenol	330	U	330	170	ug/Kg		05/02/25 13:45	05/06/25 05:24	1
4-Bromophenyl phenyl ether	170	U	170	24	ug/Kg		05/02/25 13:45	05/06/25 05:24	1
4-Chloro-3-methylphenol	170	U	170	42	ug/Kg		05/02/25 13:45	05/06/25 05:24	1
4-Chloroaniline	170	U	170	42	ug/Kg		05/02/25 13:45	05/06/25 05:24	1
4-Chlorophenyl phenyl ether	170	U	170	21	ug/Kg		05/02/25 13:45	05/06/25 05:24	1
4-Methylphenol	330	U	330	20	ug/Kg		05/02/25 13:45	05/06/25 05:24	1
4-Nitroaniline	330	U	330	89	ug/Kg		05/02/25 13:45	05/06/25 05:24	1
4-Nitrophenol	330	U	330	120	ug/Kg		05/02/25 13:45	05/06/25 05:24	1
Acenaphthene	170	U	170	25	ug/Kg		05/02/25 13:45	05/06/25 05:24	1
Acenaphthylene	170	U	170	22	ug/Kg		05/02/25 13:45	05/06/25 05:24	1
Acetophenone	170	U	170	23	ug/Kg		05/02/25 13:45	05/06/25 05:24	1
Anthracene	170	U	170	42	ug/Kg		05/02/25 13:45	05/06/25 05:24	1
Atrazine	170	U	170	59	ug/Kg		05/02/25 13:45	05/06/25 05:24	1
Benzaldehyde	170	U	170	140	ug/Kg		05/02/25 13:45	05/06/25 05:24	1
Benzo[a]anthracene	170	U	170	17	ug/Kg		05/02/25 13:45	05/06/25 05:24	1
Benzo[a]pyrene	170	U	170	25	ug/Kg		05/02/25 13:45	05/06/25 05:24	1
Benzo[b]fluoranthene	170	U	170	27	ug/Kg		05/02/25 13:45	05/06/25 05:24	1
Benzo[g,h,i]perylene	170	U	170	18	ug/Kg		05/02/25 13:45	05/06/25 05:24	1
Benzo[k]fluoranthene	170	U	170	22	ug/Kg		05/02/25 13:45	05/06/25 05:24	1
Biphenyl	170	U	170	25	ug/Kg		05/02/25 13:45	05/06/25 05:24	1
bis (2-chloroisopropyl) ether	170	U	170	34	ug/Kg		05/02/25 13:45	05/06/25 05:24	1
Bis(2-chloroethoxy)methane	170	U	170	36	ug/Kg		05/02/25 13:45	05/06/25 05:24	1
Bis(2-chloroethyl)ether	170	U	170	22	ug/Kg		05/02/25 13:45	05/06/25 05:24	1
Bis(2-ethylhexyl) phthalate	170	U	170	58	ug/Kg		05/02/25 13:45	05/06/25 05:24	1
Butyl benzyl phthalate	170	U	170	28	ug/Kg		05/02/25 13:45	05/06/25 05:24	1
Caprolactam	170	U	170	51	ug/Kg		05/02/25 13:45	05/06/25 05:24	1
Carbazole	170	U	170	20	ug/Kg		05/02/25 13:45	05/06/25 05:24	1
Chrysene	170	U	170	38	ug/Kg		05/02/25 13:45	05/06/25 05:24	1
Dibenz(a,h)anthracene	170	U	170	30	ug/Kg		05/02/25 13:45	05/06/25 05:24	1
Dibenzofuran	170	U	170	20	ug/Kg		05/02/25 13:45	05/06/25 05:24	1
Diethyl phthalate	170	U	170	22	ug/Kg		05/02/25 13:45	05/06/25 05:24	1
Dimethyl phthalate	170	U	170	20	ug/Kg		05/02/25 13:45	05/06/25 05:24	1
Di-n-butyl phthalate	170	U	170	29	ug/Kg		05/02/25 13:45	05/06/25 05:24	1
Di-n-octyl phthalate	170	U	170	20	ug/Kg		05/02/25 13:45	05/06/25 05:24	1
Fluoranthene	170	U	170	18	ug/Kg		05/02/25 13:45	05/06/25 05:24	1
Fluorene	170	U	170	20	ug/Kg		05/02/25 13:45	05/06/25 05:24	1
Hexachlorobenzene	170	U	170	23	ug/Kg		05/02/25 13:45	05/06/25 05:24	1
Hexachlorobutadiene	170	U	170	25	ug/Kg		05/02/25 13:45	05/06/25 05:24	1
Hexachlorocyclopentadiene	170	U	170	23	ug/Kg		05/02/25 13:45	05/06/25 05:24	1
Hexachloroethane	170	U	170	22	ug/Kg		05/02/25 13:45	05/06/25 05:24	1
Indeno[1,2,3-cd]pyrene	170	U	170	21	ug/Kg		05/02/25 13:45	05/06/25 05:24	1
Isophorone	170	U	170	36	ug/Kg		05/02/25 13:45	05/06/25 05:24	1

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 480-745124/1-A
Matrix: Solid
Analysis Batch: 745191

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 745124

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	170	U	170	22	ug/Kg		05/02/25 13:45	05/06/25 05:24	1
Nitrobenzene	170	U	170	19	ug/Kg		05/02/25 13:45	05/06/25 05:24	1
N-Nitrosodi-n-propylamine	170	U	170	29	ug/Kg		05/02/25 13:45	05/06/25 05:24	1
N-Nitrosodiphenylamine	170	U	170	140	ug/Kg		05/02/25 13:45	05/06/25 05:24	1
Pentachlorophenol	330	U	330	170	ug/Kg		05/02/25 13:45	05/06/25 05:24	1
Phenanthrene	170	U	170	25	ug/Kg		05/02/25 13:45	05/06/25 05:24	1
Phenol	170	U	170	26	ug/Kg		05/02/25 13:45	05/06/25 05:24	1
Pyrene	170	U	170	20	ug/Kg		05/02/25 13:45	05/06/25 05:24	1

Tentatively Identified Compound	*Est. Result*	*MB Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Unknown	*9090*	*T J*	*ug/Kg*		*1.99*	*N/A*	*05/02/25 13:45*	*05/06/25 05:24*	*1*
Unknown	*1130*	*T J*	*ug/Kg*		*3.45*	*N/A*	*05/02/25 13:45*	*05/06/25 05:24*	*1*
1,2:3,4-Dibenzopyrene	*171*	*T J N*	*ug/Kg*		*12.96*	*191-30-0*	*05/02/25 13:45*	*05/06/25 05:24*	*1*

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*92*		*26 - 143*	*05/02/25 13:45*	*05/06/25 05:24*	*1*
2-Fluorobiphenyl (Surr)	*93*		*50 - 121*	*05/02/25 13:45*	*05/06/25 05:24*	*1*
2-Fluorophenol (Surr)	*82*		*36 - 120*	*05/02/25 13:45*	*05/06/25 05:24*	*1*
Nitrobenzene-d5 (Surr)	*85*		*40 - 121*	*05/02/25 13:45*	*05/06/25 05:24*	*1*
Phenol-d5 (Surr)	*87*		*41 - 120*	*05/02/25 13:45*	*05/06/25 05:24*	*1*
p-Terphenyl-d14 (Surr)	*99*		*46 - 143*	*05/02/25 13:45*	*05/06/25 05:24*	*1*

Lab Sample ID: LCS 480-745124/2-A
Matrix: Solid
Analysis Batch: 745191

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 745124

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,2,4,5-Tetrachlorobenzene	1330	1190		ug/Kg		90	59 - 125
1,4-Dioxane	1330	657		ug/Kg		49	23 - 120
2,3,4,6-Tetrachlorophenol	1330	1370		ug/Kg		103	64 - 120
2,4,5-Trichlorophenol	1330	1340		ug/Kg		100	59 - 126
2,4,6-Trichlorophenol	1330	1320		ug/Kg		99	59 - 123
2,4-Dichlorophenol	1330	1260		ug/Kg		95	61 - 120
2,4-Dimethylphenol	1330	1250		ug/Kg		94	59 - 120
2,4-Dinitrophenol	2670	2930		ug/Kg		110	41 - 146
2,4-Dinitrotoluene	1330	1380		ug/Kg		103	63 - 120
2,6-Dinitrotoluene	1330	1330		ug/Kg		99	66 - 120
2-Chloronaphthalene	1330	1210		ug/Kg		91	57 - 120
2-Chlorophenol	1330	1140		ug/Kg		86	53 - 120
2-Methylnaphthalene	1330	1190		ug/Kg		89	59 - 120
2-Methylphenol	1330	1150		ug/Kg		86	54 - 120
2-Nitroaniline	1330	1290		ug/Kg		97	61 - 120
2-Nitrophenol	1330	1240		ug/Kg		93	56 - 120
3,3'-Dichlorobenzidine	1330	1130		ug/Kg		85	54 - 120
3-Nitroaniline	1330	1210		ug/Kg		90	48 - 120
4,6-Dinitro-2-methylphenol	2670	2930		ug/Kg		110	49 - 122
4-Bromophenyl phenyl ether	1330	1310		ug/Kg		99	58 - 120
4-Chloro-3-methylphenol	1330	1340		ug/Kg		100	61 - 120

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 480-745124/2-A
Matrix: Solid
Analysis Batch: 745191

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 745124

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
4-Chloroaniline	1330	1080		ug/Kg		81	38 - 120
4-Chlorophenyl phenyl ether	1330	1300		ug/Kg		97	63 - 124
4-Methylphenol	1330	1220		ug/Kg		91	55 - 120
4-Nitroaniline	1330	1280		ug/Kg		96	56 - 120
4-Nitrophenol	2670	2790		ug/Kg		105	43 - 147
Acenaphthene	1330	1250		ug/Kg		94	62 - 120
Acenaphthylene	1330	1230		ug/Kg		92	58 - 121
Acetophenone	1330	1130		ug/Kg		85	54 - 120
Anthracene	1330	1330		ug/Kg		100	62 - 120
Atrazine	1330	1050		ug/Kg		79	60 - 127
Benzaldehyde	1330	882		ug/Kg		66	10 - 150
Benzo[a]anthracene	1330	1330		ug/Kg		99	65 - 120
Benzo[a]pyrene	1330	1370		ug/Kg		103	64 - 120
Benzo[b]fluoranthene	1330	1410		ug/Kg		106	64 - 120
Benzo[g,h,i]perylene	1330	1410		ug/Kg		106	45 - 145
Benzo[k]fluoranthene	1330	1270		ug/Kg		95	65 - 120
Biphenyl	1330	1240		ug/Kg		93	59 - 120
bis (2-chloroisopropyl) ether	1330	1050		ug/Kg		79	44 - 120
Bis(2-chloroethoxy)methane	1330	1180		ug/Kg		88	55 - 120
Bis(2-chloroethyl)ether	1330	1090		ug/Kg		81	45 - 120
Bis(2-ethylhexyl) phthalate	1330	1270		ug/Kg		96	61 - 133
Butyl benzyl phthalate	1330	1220		ug/Kg		92	61 - 129
Caprolactam	1330	1020		ug/Kg		76	47 - 120
Carbazole	1330	1350		ug/Kg		101	65 - 120
Chrysene	1330	1300		ug/Kg		97	64 - 120
Dibenz(a,h)anthracene	1330	1370		ug/Kg		103	54 - 132
Dibenzofuran	1330	1290		ug/Kg		97	63 - 120
Diethyl phthalate	1330	1340		ug/Kg		100	66 - 120
Dimethyl phthalate	1330	1290		ug/Kg		96	65 - 124
Di-n-butyl phthalate	1330	1220		ug/Kg		91	58 - 130
Di-n-octyl phthalate	1330	1190		ug/Kg		90	57 - 133
Fluoranthene	1330	1370		ug/Kg		103	62 - 120
Fluorene	1330	1320		ug/Kg		99	63 - 120
Hexachlorobenzene	1330	1350		ug/Kg		101	60 - 120
Hexachlorobutadiene	1330	1150		ug/Kg		86	45 - 120
Hexachlorocyclopentadiene	1330	1120		ug/Kg		84	47 - 120
Hexachloroethane	1330	1040		ug/Kg		78	41 - 120
Indeno[1,2,3-cd]pyrene	1330	1380		ug/Kg		103	56 - 134
Isophorone	1330	1180		ug/Kg		88	56 - 120
Naphthalene	1330	1170		ug/Kg		88	55 - 120
Nitrobenzene	1330	1130		ug/Kg		85	54 - 120
N-Nitrosodi-n-propylamine	1330	1140		ug/Kg		86	52 - 120
N-Nitrosodiphenylamine	1330	1310		ug/Kg		98	51 - 128
Pentachlorophenol	2670	2410		ug/Kg		90	10 - 120
Phenanthrene	1330	1310		ug/Kg		98	60 - 120
Phenol	1330	1160		ug/Kg		87	53 - 120
Pyrene	1330	1330		ug/Kg		100	61 - 133

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 480-745124/2-A
Matrix: Solid
Analysis Batch: 745191

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 745124

Surrogate	LCS %Recovery	LCS Qualifier	Limits
2,4,6-Tribromophenol (Surr)	*106*		*26 - 143*
2-Fluorobiphenyl (Surr)	*93*		*50 - 121*
2-Fluorophenol (Surr)	*84*		*36 - 120*
Nitrobenzene-d5 (Surr)	*89*		*40 - 121*
Phenol-d5 (Surr)	*91*		*41 - 120*
p-Terphenyl-d14 (Surr)	*99*		*46 - 143*

Method: 8081B - Organochlorine Pesticides (GC)

Lab Sample ID: MB 480-745050/1-A
Matrix: Solid
Analysis Batch: 745178

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 745050

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	3.3	U	3.3	0.65	ug/Kg		05/02/25 06:59	05/05/25 10:28	1
4,4'-DDE	3.3	U	3.3	0.70	ug/Kg		05/02/25 06:59	05/05/25 10:28	1
4,4'-DDT	3.3	U	3.3	0.78	ug/Kg		05/02/25 06:59	05/05/25 10:28	1
Aldrin	3.3	U	3.3	0.82	ug/Kg		05/02/25 06:59	05/05/25 10:28	1
alpha-BHC	3.3	U	3.3	0.60	ug/Kg		05/02/25 06:59	05/05/25 10:28	1
cis-Chlordane	3.3	U	3.3	1.7	ug/Kg		05/02/25 06:59	05/05/25 10:28	1
beta-BHC	3.3	U	3.3	0.60	ug/Kg		05/02/25 06:59	05/05/25 10:28	1
delta-BHC	3.3	U	3.3	0.62	ug/Kg		05/02/25 06:59	05/05/25 10:28	1
Dieldrin	3.3	U	3.3	0.80	ug/Kg		05/02/25 06:59	05/05/25 10:28	1
Endosulfan I	3.3	U	3.3	0.64	ug/Kg		05/02/25 06:59	05/05/25 10:28	1
Endosulfan II	3.3	U	3.3	0.60	ug/Kg		05/02/25 06:59	05/05/25 10:28	1
Endosulfan sulfate	3.3	U	3.3	0.62	ug/Kg		05/02/25 06:59	05/05/25 10:28	1
Endrin	3.3	U	3.3	0.66	ug/Kg		05/02/25 06:59	05/05/25 10:28	1
Endrin aldehyde	3.3	U	3.3	0.85	ug/Kg		05/02/25 06:59	05/05/25 10:28	1
Endrin ketone	1.51	J	3.3	0.82	ug/Kg		05/02/25 06:59	05/05/25 10:28	1
gamma-BHC (Lindane)	3.3	U	3.3	0.61	ug/Kg		05/02/25 06:59	05/05/25 10:28	1
trans-Chlordane	3.3	U	3.3	1.1	ug/Kg		05/02/25 06:59	05/05/25 10:28	1
Heptachlor	3.3	U	3.3	0.72	ug/Kg		05/02/25 06:59	05/05/25 10:28	1
Heptachlor epoxide	3.3	U	3.3	0.86	ug/Kg		05/02/25 06:59	05/05/25 10:28	1
Methoxychlor	3.02	J	3.3	0.68	ug/Kg		05/02/25 06:59	05/05/25 10:28	1
Toxaphene	33	U	33	19	ug/Kg		05/02/25 06:59	05/05/25 10:28	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	*83*		*45 - 120*	*05/02/25 06:59*	*05/05/25 10:28*	*1*
DCB Decachlorobiphenyl	*79*		*45 - 120*	*05/02/25 06:59*	*05/05/25 10:28*	*1*
Tetrachloro-m-xylene	*65*		*30 - 124*	*05/02/25 06:59*	*05/05/25 10:28*	*1*
Tetrachloro-m-xylene	*60*		*30 - 124*	*05/02/25 06:59*	*05/05/25 10:28*	*1*

Lab Sample ID: LCS 480-745050/2-A
Matrix: Solid
Analysis Batch: 745178

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 745050

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
4,4'-DDD	33.3	29.3		ug/Kg		88	56 - 120

Method: 8081B - Organochlorine Pesticides (GC) (Continued)

Lab Sample ID: LCS 480-745050/2-A
Matrix: Solid
Analysis Batch: 745178

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 745050

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
4,4'-DDE	33.3	25.2		ug/Kg		76	44 - 120
4,4'-DDT	33.3	30.1		ug/Kg		90	38 - 120
Aldrin	33.3	26.2		ug/Kg		78	38 - 120
alpha-BHC	33.3	23.2		ug/Kg		69	39 - 120
cis-Chlordane	33.3	25.1		ug/Kg		75	47 - 120
beta-BHC	33.3	26.1		ug/Kg		78	40 - 120
delta-BHC	33.3	26.9		ug/Kg		81	45 - 120
Dieldrin	33.3	29.4		ug/Kg		88	58 - 120
Endosulfan I	33.3	28.9		ug/Kg		87	49 - 120
Endosulfan II	33.3	31.4		ug/Kg		94	55 - 120
Endosulfan sulfate	33.3	27.4		ug/Kg		82	49 - 124
Endrin	33.3	29.8		ug/Kg		89	58 - 120
Endrin aldehyde	33.3	23.0		ug/Kg		69	37 - 121
Endrin ketone	33.3	32.0		ug/Kg		96	46 - 123
gamma-BHC (Lindane)	33.3	24.9		ug/Kg		75	50 - 120
trans-Chlordane	33.3	23.5		ug/Kg		71	48 - 120
Heptachlor	33.3	28.1		ug/Kg		84	50 - 120
Heptachlor epoxide	33.3	28.5		ug/Kg		86	50 - 120
Methoxychlor	33.3	34.1		ug/Kg		102	58 - 133

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
DCB Decachlorobiphenyl	*87*		*45 - 120*
DCB Decachlorobiphenyl	*88*		*45 - 120*
Tetrachloro-m-xylene	*67*		*30 - 124*
Tetrachloro-m-xylene	*64*		*30 - 124*

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Lab Sample ID: MB 480-745174/1-A
Matrix: Solid
Analysis Batch: 745272

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 745174

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	0.25	U	0.25	0.049	mg/Kg		05/05/25 06:46	05/06/25 09:15	1
PCB-1221	0.25	U	0.25	0.049	mg/Kg		05/05/25 06:46	05/06/25 09:15	1
PCB-1232	0.25	U	0.25	0.049	mg/Kg		05/05/25 06:46	05/06/25 09:15	1
PCB-1242	0.25	U	0.25	0.049	mg/Kg		05/05/25 06:46	05/06/25 09:15	1
PCB-1248	0.25	U	0.25	0.049	mg/Kg		05/05/25 06:46	05/06/25 09:15	1
PCB-1254	0.25	U	0.25	0.12	mg/Kg		05/05/25 06:46	05/06/25 09:15	1
PCB-1260	0.25	U	0.25	0.12	mg/Kg		05/05/25 06:46	05/06/25 09:15	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*120*		*60 - 154*	*05/05/25 06:46*	*05/06/25 09:15*	*1*
Tetrachloro-m-xylene	*119*		*60 - 154*	*05/05/25 06:46*	*05/06/25 09:15*	*1*
DCB Decachlorobiphenyl	*138*		*65 - 174*	*05/05/25 06:46*	*05/06/25 09:15*	*1*
DCB Decachlorobiphenyl	*126*		*65 - 174*	*05/05/25 06:46*	*05/06/25 09:15*	*1*

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Lab Sample ID: LCS 480-745174/2-A
Matrix: Solid
Analysis Batch: 745272

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 745174

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
PCB-1016			2.50	3.51		mg/Kg		140	51 - 185		
PCB-1260			2.50	3.68		mg/Kg		147	61 - 184		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Tetrachloro-m-xylene	*148*		*60 - 154*
Tetrachloro-m-xylene	*150*		*60 - 154*
DCB Decachlorobiphenyl	*161*		*65 - 174*
DCB Decachlorobiphenyl	*150*		*65 - 174*

Method: 8151A - Herbicides (GC)

Lab Sample ID: MB 480-745263/1-A
Matrix: Solid
Analysis Batch: 745627

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 745263

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4-D	17	U	17	11	ug/Kg		05/06/25 06:53	05/09/25 12:23	1
Silvex (2,4,5-TP)	17	U	17	6.0	ug/Kg		05/06/25 06:53	05/09/25 12:23	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4-Dichlorophenylacetic acid	*74*		*28 - 129*	*05/06/25 06:53*	*05/09/25 12:23*	*1*
2,4-Dichlorophenylacetic acid	*72*		*28 - 129*	*05/06/25 06:53*	*05/09/25 12:23*	*1*

Lab Sample ID: LCS 480-745263/2-A
Matrix: Solid
Analysis Batch: 745627

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 745263

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
2,4-D			66.7	48.8		ug/Kg		73	40 - 120		
Silvex (2,4,5-TP)			66.7	48.9		ug/Kg		73	39 - 125		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
2,4-Dichlorophenylacetic acid	*74*		*28 - 129*
2,4-Dichlorophenylacetic acid	*71*		*28 - 129*

Method: 1633 - Per- and Polyfluoroalkyl Substances by LC/MS/MS

Lab Sample ID: MB 410-639601/1-A
Matrix: Solid
Analysis Batch: 640159

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 639601

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
11-Chloroeicosafluoro-3-oxaundecan e-1-sulfonic acid (11Cl-PF3OUdS)	0.20	U	0.20	0.080	ng/g		05/05/25 14:04	05/06/25 22:24	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	0.40	U	0.40	0.13	ng/g		05/05/25 14:04	05/06/25 22:24	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	0.40	U	0.40	0.10	ng/g		05/05/25 14:04	05/06/25 22:24	1

Method: 1633 - Per- and Polyfluoroalkyl Substances by LC/MS/MS (Continued)

Lab Sample ID: MB 410-639601/1-A
Matrix: Solid
Analysis Batch: 640159

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 639601

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	0.40	U	0.40	0.13	ng/g		05/05/25 14:04	05/06/25 22:24	1
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	1.0	U	1.0	0.40	ng/g		05/05/25 14:04	05/06/25 22:24	1
3-Perfluoropentylpropanoic acid (5:3 FTCA)	1.0	U	1.0	0.50	ng/g		05/05/25 14:04	05/06/25 22:24	1
3-Perfluoropropylpropanoic acid (3:3 FTCA)	0.40	U	0.40	0.20	ng/g		05/05/25 14:04	05/06/25 22:24	1
4,8-Dioxa-3H-perfluorononanoic acid (DONA)	0.20	U	0.20	0.060	ng/g		05/05/25 14:04	05/06/25 22:24	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	0.20	U	0.20	0.090	ng/g		05/05/25 14:04	05/06/25 22:24	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	0.20	U	0.20	0.11	ng/g		05/05/25 14:04	05/06/25 22:24	1
N-ethylperfluorooctane sulfonamide (NEtFOSA)	0.20	U	0.20	0.10	ng/g		05/05/25 14:04	05/06/25 22:24	1
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	1.0	U	1.0	0.30	ng/g		05/05/25 14:04	05/06/25 22:24	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	0.20	U	0.20	0.11	ng/g		05/05/25 14:04	05/06/25 22:24	1
N-methylperfluorooctane sulfonamide (NMeFOSA)	0.20	U	0.20	0.090	ng/g		05/05/25 14:04	05/06/25 22:24	1
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	1.0	U	1.0	0.30	ng/g		05/05/25 14:04	05/06/25 22:24	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	0.20	U	0.20	0.080	ng/g		05/05/25 14:04	05/06/25 22:24	1
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	0.20	U	0.20	0.070	ng/g		05/05/25 14:04	05/06/25 22:24	1
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	0.20	U	0.20	0.050	ng/g		05/05/25 14:04	05/06/25 22:24	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	0.20	U	0.20	0.070	ng/g		05/05/25 14:04	05/06/25 22:24	1
Perfluoro-4-methoxybutanoic acid (PFMBA)	0.20	U	0.20	0.050	ng/g		05/05/25 14:04	05/06/25 22:24	1
Perfluorobutanesulfonic acid (PFBS)	0.20	U	0.20	0.070	ng/g		05/05/25 14:04	05/06/25 22:24	1
Perfluorobutanoic acid (PFBA)	0.40	U	0.40	0.13	ng/g		05/05/25 14:04	05/06/25 22:24	1
Perfluorodecanesulfonic acid (PFDS)	0.20	U	0.20	0.050	ng/g		05/05/25 14:04	05/06/25 22:24	1
Perfluorodecanoic acid (PFDA)	0.20	U	0.20	0.050	ng/g		05/05/25 14:04	05/06/25 22:24	1
Perfluorododecanesulfonic acid (PFDoS)	0.20	U	0.20	0.060	ng/g		05/05/25 14:04	05/06/25 22:24	1
Perfluorododecanoic acid (PFDoA)	0.20	U	0.20	0.050	ng/g		05/05/25 14:04	05/06/25 22:24	1
Perfluoroheptanesulfonic acid (PFHpS)	0.20	U	0.20	0.070	ng/g		05/05/25 14:04	05/06/25 22:24	1
Perfluoroheptanoic acid (PFHpA)	0.20	U	0.20	0.070	ng/g		05/05/25 14:04	05/06/25 22:24	1
Perfluorohexanesulfonic acid (PFHxS)	0.20	U	0.20	0.050	ng/g		05/05/25 14:04	05/06/25 22:24	1
Perfluorohexanoic acid (PFHxA)	0.20	U	0.20	0.060	ng/g		05/05/25 14:04	05/06/25 22:24	1
Perfluorononanesulfonic acid (PFNS)	0.20	U	0.20	0.070	ng/g		05/05/25 14:04	05/06/25 22:24	1
Perfluorononanoic acid (PFNA)	0.20	U	0.20	0.060	ng/g		05/05/25 14:04	05/06/25 22:24	1
Perfluorooctanesulfonamide (PFOSA)	0.20	U	0.20	0.090	ng/g		05/05/25 14:04	05/06/25 22:24	1
Perfluorooctanesulfonic acid (PFOS)	0.20	U	0.20	0.11	ng/g		05/05/25 14:04	05/06/25 22:24	1
Perfluorooctanoic acid (PFOA)	0.20	U	0.20	0.060	ng/g		05/05/25 14:04	05/06/25 22:24	1
Perfluoropentanesulfonic acid (PFPeS)	0.20	U	0.20	0.060	ng/g		05/05/25 14:04	05/06/25 22:24	1
Perfluoropentanoic acid (PFPeA)	0.20	U	0.20	0.050	ng/g		05/05/25 14:04	05/06/25 22:24	1

Method: 1633 - Per- and Polyfluoroalkyl Substances by LC/MS/MS (Continued)

Lab Sample ID: MB 410-639601/1-A
Matrix: Solid
Analysis Batch: 640159

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 639601

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorotetradecanoic acid (PFTeDA)	0.20	U	0.20	0.070	ng/g		05/05/25 14:04	05/06/25 22:24	1
Perfluorotridecanoic acid (PFTrDA)	0.20	U	0.20	0.070	ng/g		05/05/25 14:04	05/06/25 22:24	1
Perfluoroundecanoic acid (PFUnA)	0.20	U	0.20	0.050	ng/g		05/05/25 14:04	05/06/25 22:24	1

Isotope Dilution	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C2 4:2 FTS	*90.0*		*40 - 165*	*05/05/25 14:04*	*05/06/25 22:24*	*1*
13C2 6:2 FTS	*89.4*		*40 - 215*	*05/05/25 14:04*	*05/06/25 22:24*	*1*
13C2 8:2 FTS	*91.0*		*40 - 275*	*05/05/25 14:04*	*05/06/25 22:24*	*1*
13C2 PFDoA	*89.7*		*40 - 130*	*05/05/25 14:04*	*05/06/25 22:24*	*1*
13C2 PFTeDA	*72.3*		*20 - 130*	*05/05/25 14:04*	*05/06/25 22:24*	*1*
13C3 HFPO-DA	*91.1*		*40 - 130*	*05/05/25 14:04*	*05/06/25 22:24*	*1*
13C3 PFBS	*99.8*		*40 - 135*	*05/05/25 14:04*	*05/06/25 22:24*	*1*
13C3 PFHxS	*95.1*		*40 - 130*	*05/05/25 14:04*	*05/06/25 22:24*	*1*
13C4 PFBA	*89.7*		*8 - 130*	*05/05/25 14:04*	*05/06/25 22:24*	*1*
13C4 PFHpA	*91.3*		*40 - 130*	*05/05/25 14:04*	*05/06/25 22:24*	*1*
13C5 PFHxA	*93.2*		*40 - 130*	*05/05/25 14:04*	*05/06/25 22:24*	*1*
13C5 PFPeA	*83.4*		*35 - 130*	*05/05/25 14:04*	*05/06/25 22:24*	*1*
13C6 PFDA	*93.6*		*40 - 130*	*05/05/25 14:04*	*05/06/25 22:24*	*1*
13C7 PFUnA	*91.6*		*40 - 130*	*05/05/25 14:04*	*05/06/25 22:24*	*1*
13C8 FOSA	*90.8*		*40 - 130*	*05/05/25 14:04*	*05/06/25 22:24*	*1*
13C8 PFOA	*93.2*		*40 - 130*	*05/05/25 14:04*	*05/06/25 22:24*	*1*
13C8 PFOS	*89.3*		*40 - 130*	*05/05/25 14:04*	*05/06/25 22:24*	*1*
13C9 PFNA	*89.8*		*40 - 130*	*05/05/25 14:04*	*05/06/25 22:24*	*1*
d3-NMeFOSAA	*90.6*		*40 - 135*	*05/05/25 14:04*	*05/06/25 22:24*	*1*
d3-NMePFOSA	*71.8*		*10 - 130*	*05/05/25 14:04*	*05/06/25 22:24*	*1*
d5-NEtFOSAA	*85.1*		*40 - 150*	*05/05/25 14:04*	*05/06/25 22:24*	*1*
d5-NEtPFOSA	*72.1*		*10 - 130*	*05/05/25 14:04*	*05/06/25 22:24*	*1*
D7-NMeFOSE	*93.7*		*20 - 130*	*05/05/25 14:04*	*05/06/25 22:24*	*1*
D9-NEtFOSE	*92.1*		*15 - 130*	*05/05/25 14:04*	*05/06/25 22:24*	*1*

Lab Sample ID: LCS 410-639601/2-A
Matrix: Solid
Analysis Batch: 640159

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 639601

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	2.36	1.59		ng/g		67	45 - 160
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	4.80	4.54		ng/g		95	70 - 150
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	4.69	4.27		ng/g		91	60 - 150
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	4.76	4.24		ng/g		89	55 - 200
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	12.5	9.99		ng/g		80	60 - 150
3-Perfluoropentylpropanoic acid (5:3 FTCA)	12.5	10.8		ng/g		87	60 - 130
3-Perfluoropropylpropanoic acid (3:3 FTCA)	5.00	4.33		ng/g		87	45 - 130

Method: 1633 - Per- and Polyfluoroalkyl Substances by LC/MS/MS (Continued)

Lab Sample ID: LCS 410-639601/2-A
Matrix: Solid
Analysis Batch: 640159

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 639601

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
4,8-Dioxa-3H-perfluorononanoic acid (DONA)	2.37	1.97		ng/g		83	70 - 160
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	2.34	1.69		ng/g		72	70 - 150
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	1.88	1.55		ng/g		83	70 - 145
N-ethylperfluorooctane sulfonamide (NEtFOSA)	2.50	2.28		ng/g		91	70 - 140
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	12.5	11.8		ng/g		94	70 - 135
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	2.50	2.03		ng/g		81	65 - 165
N-methylperfluorooctane sulfonamide (NMeFOSA)	2.50	2.38		ng/g		95	70 - 155
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	12.5	11.8		ng/g		94	70 - 140
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	2.50	2.03		ng/g		81	65 - 155
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	2.50	2.34		ng/g		94	60 - 155
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	2.23	1.94		ng/g		87	70 - 140
Perfluoro-3-methoxypropanoic acid (PFMPA)	2.50	2.45		ng/g		98	30 - 140
Perfluoro-4-methoxybutanoic acid (PFMBA)	2.50	2.36		ng/g		94	60 - 150
Perfluorobutanesulfonic acid (PFBS)	2.22	1.87		ng/g		84	65 - 145
Perfluorobutanoic acid (PFBA)	5.00	4.61		ng/g		92	70 - 140
Perfluorodecanesulfonic acid (PFDS)	2.41	1.86		ng/g		77	40 - 155
Perfluorodecanoic acid (PFDA)	2.50	2.13		ng/g		85	70 - 155
Perfluorododecanesulfonic acid (PFDoS)	2.43	1.18		ng/g		49	25 - 160
Perfluorododecanoic acid (PFDoA)	2.50	2.25		ng/g		90	70 - 150
Perfluoroheptanesulfonic acid (PFHpS)	2.39	2.17		ng/g		91	65 - 155
Perfluoroheptanoic acid (PFHpA)	2.50	2.28		ng/g		91	65 - 145
Perfluorohexanesulfonic acid (PFHxS)	2.28	2.04		ng/g		90	60 - 150
Perfluorohexanoic acid (PFHxA)	2.50	2.19		ng/g		87	65 - 140
Perfluorononanesulfonic acid (PFNS)	2.41	2.09		ng/g		87	55 - 140
Perfluorononanoic acid (PFNA)	2.50	2.14		ng/g		86	70 - 155
Perfluorooctanesulfonamide (PFOSA)	2.50	2.41		ng/g		97	70 - 140
Perfluorooctanesulfonic acid (PFOS)	2.33	2.04		ng/g		88	65 - 160
Perfluorooctanoic acid (PFOA)	2.50	2.01		ng/g		81	70 - 150
Perfluoropentanesulfonic acid (PFPeS)	2.35	2.04		ng/g		87	55 - 160
Perfluoropentanoic acid (PFPeA)	2.50	2.46		ng/g		98	60 - 150

Method: 1633 - Per- and Polyfluoroalkyl Substances by LC/MS/MS (Continued)

Lab Sample ID: LCS 410-639601/2-A
Matrix: Solid
Analysis Batch: 640159

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 639601

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Perfluorotetradecanoic acid (PFTeDA)			2.50	2.21		ng/g		88	65 - 150		
Perfluorotridecanoic acid (PFTrDA)			2.50	2.15		ng/g		86	65 - 150		
Perfluoroundecanoic acid (PFUnA)			2.50	2.15		ng/g		86	70 - 155		

Isotope Dilution	*LCS %Recovery*	*LCS Qualifier*	*Limits*
13C2 4:2 FTS	*84.6*		*40 - 165*
13C2 6:2 FTS	*88.3*		*40 - 215*
13C2 8:2 FTS	*88.0*		*40 - 275*
13C2 PFDoA	*76.3*		*40 - 130*
13C2 PFTeDA	*47.5*		*20 - 130*
13C3 HFPO-DA	*91.4*		*40 - 130*
13C3 PFBS	*94.1*		*40 - 135*
13C3 PFHxS	*91.0*		*40 - 130*
13C4 PFBA	*85.8*		*8 - 130*
13C4 PFHpA	*83.7*		*40 - 130*
13C5 PFHxA	*84.7*		*40 - 130*
13C5 PFPeA	*79.3*		*35 - 130*
13C6 PFDA	*84.7*		*40 - 130*
13C7 PFUnA	*87.3*		*40 - 130*
13C8 FOSA	*89.9*		*40 - 130*
13C8 PFOA	*93.6*		*40 - 130*
13C8 PFOS	*93.0*		*40 - 130*
13C9 PFNA	*92.0*		*40 - 130*
d3-NMeFOSAA	*84.6*		*40 - 135*
d3-NMePFOSA	*68.4*		*10 - 130*
d5-NEtFOSAA	*76.6*		*40 - 150*
d5-NEtPFOSA	*70.1*		*10 - 130*
D7-NMeFOSE	*91.8*		*20 - 130*
D9-NEtFOSE	*92.5*		*15 - 130*

Lab Sample ID: LCSD 410-639601/3-A
Matrix: Solid
Analysis Batch: 640159

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 639601

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)			2.36	1.76		ng/g		74	45 - 160	10	30
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)			4.80	4.33		ng/g		90	70 - 150	5	30
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)			4.69	4.28		ng/g		91	60 - 150	0	30
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)			4.76	4.21		ng/g		89	55 - 200	1	30
3-Perfluoroheptylpropanoic acid (7:3 FTCA)			12.5	9.58		ng/g		77	60 - 150	4	30
3-Perfluoropentylpropanoic acid (5:3 FTCA)			12.5	9.68		ng/g		77	60 - 130	11	30

Method: 1633 - Per- and Polyfluoroalkyl Substances by LC/MS/MS (Continued)

Lab Sample ID: LCSD 410-639601/3-A
Matrix: Solid
Analysis Batch: 640159

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 639601

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
3-Perfluoropropylpropanoic acid (3:3 FTCA)	5.00	4.52		ng/g		90	45 - 130	4	30
4,8-Dioxa-3H-perfluorononanoic acid (DONA)	2.37	2.08		ng/g		88	70 - 160	6	30
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	2.34	1.89		ng/g		81	70 - 150	11	30
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	1.88	1.70		ng/g		91	70 - 145	10	30
N-ethylperfluorooctane sulfonamide (NEtFOSA)	2.50	2.20		ng/g		88	70 - 140	3	30
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	12.5	10.9		ng/g		87	70 - 135	7	30
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	2.50	1.97		ng/g		79	65 - 165	3	30
N-methylperfluorooctane sulfonamide (NMeFOSA)	2.50	2.10		ng/g		84	70 - 155	13	30
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	12.5	11.4		ng/g		91	70 - 140	4	30
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	2.50	2.02		ng/g		81	65 - 155	0	30
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	2.50	2.16		ng/g		87	60 - 155	8	30
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	2.23	1.88		ng/g		84	70 - 140	3	30
Perfluoro-3-methoxypropanoic acid (PFMPA)	2.50	2.35		ng/g		94	30 - 140	4	30
Perfluoro-4-methoxybutanoic acid (PFMBA)	2.50	2.26		ng/g		90	60 - 150	4	30
Perfluorobutanesulfonic acid (PFBS)	2.22	1.79		ng/g		80	65 - 145	5	30
Perfluorobutanoic acid (PFBA)	5.00	4.48		ng/g		90	70 - 140	3	30
Perfluorodecanesulfonic acid (PFDS)	2.41	1.85		ng/g		77	40 - 155	0	30
Perfluorodecanoic acid (PFDA)	2.50	2.18		ng/g		87	70 - 155	2	30
Perfluorododecanesulfonic acid (PFDoS)	2.43	1.73	T	ng/g		71	25 - 160	37	30
Perfluorododecanoic acid (PFDoA)	2.50	2.23		ng/g		89	70 - 150	1	30
Perfluoroheptanesulfonic acid (PFHpS)	2.39	2.13		ng/g		89	65 - 155	2	30
Perfluoroheptanoic acid (PFHpA)	2.50	2.22		ng/g		89	65 - 145	2	30
Perfluorohexanesulfonic acid (PFHxS)	2.28	1.90		ng/g		83	60 - 150	7	30
Perfluorohexanoic acid (PFHxA)	2.50	2.05		ng/g		82	65 - 140	6	30
Perfluorononanesulfonic acid (PFNS)	2.41	2.12		ng/g		88	55 - 140	2	30
Perfluorononanoic acid (PFNA)	2.50	2.10		ng/g		84	70 - 155	2	30
Perfluorooctanesulfonamide (PFOSA)	2.50	2.31		ng/g		92	70 - 140	4	30
Perfluorooctanesulfonic acid (PFOS)	2.33	2.17		ng/g		93	65 - 160	6	30
Perfluorooctanoic acid (PFOA)	2.50	1.98		ng/g		79	70 - 150	2	30
Perfluoropentanesulfonic acid (PFPeS)	2.35	1.93		ng/g		82	55 - 160	5	30

Method: 1633 - Per- and Polyfluoroalkyl Substances by LC/MS/MS (Continued)

Lab Sample ID: LCSD 410-639601/3-A
Matrix: Solid
Analysis Batch: 640159

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 639601

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Perfluoropentanoic acid (PFPeA)			2.50	2.41		ng/g		96	60 - 150	2	30
Perfluorotetradecanoic acid (PFTeDA)			2.50	2.09		ng/g		84	65 - 150	5	30
Perfluorotridecanoic acid (PFTrDA)			2.50	2.07		ng/g		83	65 - 150	4	30
Perfluoroundecanoic acid (PFUnA)			2.50	1.87		ng/g		75	70 - 155	14	30

Isotope Dilution	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
13C2 4:2 FTS	*83.6*		*40 - 165*
13C2 6:2 FTS	*86.8*		*40 - 215*
13C2 8:2 FTS	*81.7*		*40 - 275*
13C2 PFDoA	*78.4*		*40 - 130*
13C2 PFTeDA	*73.9*		*20 - 130*
13C3 HFPO-DA	*85.3*		*40 - 130*
13C3 PFBS	*92.0*		*40 - 135*
13C3 PFHxS	*88.3*		*40 - 130*
13C4 PFBA	*86.5*		*8 - 130*
13C4 PFHpA	*84.5*		*40 - 130*
13C5 PFHxA	*88.6*		*40 - 130*
13C5 PFPeA	*81.7*		*35 - 130*
13C6 PFDA	*86.8*		*40 - 130*
13C7 PFUnA	*92.8*		*40 - 130*
13C8 FOSA	*86.6*		*40 - 130*
13C8 PFOA	*92.4*		*40 - 130*
13C8 PFOS	*85.4*		*40 - 130*
13C9 PFNA	*88.9*		*40 - 130*
d3-NMeFOSAA	*82.4*		*40 - 135*
d3-NMePFOSA	*69.3*		*10 - 130*
d5-NEtFOSAA	*72.0*		*40 - 150*
d5-NEtPFOSA	*65.7*		*10 - 130*
D7-NMeFOSE	*82.1*		*20 - 130*
D9-NEtFOSE	*86.0*		*15 - 130*

Lab Sample ID: LLCS 410-639601/4-A
Matrix: Solid
Analysis Batch: 640159

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 639601

Analyte			Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)			0.236	0.187	J	ng/g		79	45 - 160
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)			0.480	0.486		ng/g		101	70 - 150
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)			0.469	0.453		ng/g		97	60 - 150
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)			0.476	0.378	J	ng/g		79	55 - 200
3-Perfluoroheptylpropanoic acid (7:3 FTCA)			1.25	1.00		ng/g		80	60 - 150

Method: 1633 - Per- and Polyfluoroalkyl Substances by LC/MS/MS (Continued)

Lab Sample ID: LLCS 410-639601/4-A
Matrix: Solid
Analysis Batch: 640159

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 639601

Analyte	Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits
3-Perfluoropentylpropanoic acid (5:3 FTCA)	1.25	0.972	J	ng/g		78	60 - 130
3-Perfluoropropylpropanoic acid (3:3 FTCA)	0.500	0.435		ng/g		87	45 - 130
4,8-Dioxa-3H-perfluorononanoic acid (DONA)	0.237	0.230		ng/g		97	70 - 160
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	0.234	0.217		ng/g		93	70 - 150
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	0.188	0.178	J	ng/g		95	70 - 145
N-ethylperfluorooctane sulfonamide (NEtFOSA)	0.250	0.249		ng/g		99	70 - 140
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	1.25	1.16		ng/g		93	70 - 135
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	0.250	0.211		ng/g		84	65 - 165
N-methylperfluorooctane sulfonamide (NMeFOSA)	0.250	0.214		ng/g		85	70 - 155
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	1.25	1.15		ng/g		92	70 - 140
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	0.250	0.209		ng/g		83	65 - 155
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	0.250	0.249		ng/g		100	60 - 155
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	0.223	0.197	J	ng/g		89	70 - 140
Perfluoro-3-methoxypropanoic acid (PFMPA)	0.250	0.229		ng/g		92	30 - 140
Perfluoro-4-methoxybutanoic acid (PFMBA)	0.250	0.240		ng/g		96	60 - 150
Perfluorobutanesulfonic acid (PFBS)	0.222	0.224		ng/g		101	65 - 145
Perfluorobutanoic acid (PFBA)	0.500	0.500		ng/g		100	70 - 140
Perfluorodecanesulfonic acid (PFDS)	0.241	0.204		ng/g		84	40 - 155
Perfluorodecanoic acid (PFDA)	0.250	0.262		ng/g		105	70 - 155
Perfluorododecanesulfonic acid (PFDoS)	0.243	0.124	J	ng/g		51	25 - 160
Perfluorododecanoic acid (PFDoA)	0.250	0.244		ng/g		97	70 - 150
Perfluoroheptanesulfonic acid (PFHpS)	0.239	0.246		ng/g		103	65 - 155
Perfluoroheptanoic acid (PFHpA)	0.250	0.263		ng/g		105	65 - 145
Perfluorohexanesulfonic acid (PFHxS)	0.228	0.192	J	ng/g		84	60 - 150
Perfluorohexanoic acid (PFHxA)	0.250	0.234		ng/g		93	65 - 140
Perfluorononanesulfonic acid (PFNS)	0.241	0.220		ng/g		92	55 - 140
Perfluorononanoic acid (PFNA)	0.250	0.234		ng/g		94	70 - 155
Perfluorooctanesulfonamide (PFOSA)	0.250	0.226		ng/g		90	70 - 140
Perfluorooctanesulfonic acid (PFOS)	0.233	0.260		ng/g		112	65 - 160
Perfluorooctanoic acid (PFOA)	0.250	0.238		ng/g		95	70 - 150

Method: 1633 - Per- and Polyfluoroalkyl Substances by LC/MS/MS (Continued)

Lab Sample ID: LLCS 410-639601/4-A
Matrix: Solid
Analysis Batch: 640159

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 639601

Analyte			Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits		
Perfluoropentanesulfonic acid (PFPeS)			0.235	0.213		ng/g		91	55 - 160		
Perfluoropentanoic acid (PFPeA)			0.250	0.253		ng/g		101	60 - 150		
Perfluorotetradecanoic acid (PFTeDA)			0.250	0.267		ng/g		107	65 - 150		
Perfluorotridecanoic acid (PFTrDA)			0.250	0.210		ng/g		84	65 - 150		
Perfluoroundecanoic acid (PFUnA)			0.250	0.224		ng/g		90	70 - 155		

Isotope Dilution	*LLCS %Recovery*	*LLCS Qualifier*	*Limits*
13C2 4:2 FTS	*79.5*		*40 - 165*
13C2 6:2 FTS	*89.1*		*40 - 215*
13C2 8:2 FTS	*85.8*		*40 - 275*
13C2 PFDoA	*79.5*		*40 - 130*
13C2 PFTeDA	*50.3*		*20 - 130*
13C3 HFPO-DA	*86.0*		*40 - 130*
13C3 PFBS	*92.1*		*40 - 135*
13C3 PFHxS	*90.9*		*40 - 130*
13C4 PFBA	*87.9*		*8 - 130*
13C4 PFHpA	*86.5*		*40 - 130*
13C5 PFHxA	*88.0*		*40 - 130*
13C5 PFPeA	*81.6*		*35 - 130*
13C6 PFDA	*87.9*		*40 - 130*
13C7 PFUnA	*87.5*		*40 - 130*
13C8 FOSA	*96.0*		*40 - 130*
13C8 PFOA	*96.5*		*40 - 130*
13C8 PFOS	*94.6*		*40 - 130*
13C9 PFNA	*91.7*		*40 - 130*
d3-NMeFOSAA	*87.1*		*40 - 135*
d3-NMePFOSA	*74.7*		*10 - 130*
d5-NEtFOSAA	*79.1*		*40 - 150*
d5-NEtPFOSA	*67.9*		*10 - 130*
D7-NMeFOSE	*96.3*		*20 - 130*
D9-NEtFOSE	*94.3*		*15 - 130*

Method: 6010C - Metals (ICP)

Lab Sample ID: MB 480-744967/1-A
Matrix: Solid
Analysis Batch: 745141

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 744967

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	10	U	10	8.6	mg/Kg		05/01/25 14:59	05/02/25 15:11	1
Antimony	15.0	U	15.0	0.53	mg/Kg		05/01/25 14:59	05/02/25 15:11	1
Arsenic	2.0	U	2.0	0.88	mg/Kg		05/01/25 14:59	05/02/25 15:11	1
Barium	0.50	U	0.50	0.14	mg/Kg		05/01/25 14:59	05/02/25 15:11	1
Beryllium	0.20	U	0.20	0.040	mg/Kg		05/01/25 14:59	05/02/25 15:11	1
Cadmium	0.20	U	0.20	0.070	mg/Kg		05/01/25 14:59	05/02/25 15:11	1
Calcium	49.9	U	49.9	26.9	mg/Kg		05/01/25 14:59	05/02/25 15:11	1

Method: 6010C - Metals (ICP) (Continued)

Lab Sample ID: MB 480-744967/1-A
Matrix: Solid
Analysis Batch: 745141

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 744967

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium	0.50	U	0.50	0.36	mg/Kg		05/01/25 14:59	05/02/25 15:11	1
Cobalt	0.50	U	0.50	0.10	mg/Kg		05/01/25 14:59	05/02/25 15:11	1
Copper	1.0	U	1.0	0.57	mg/Kg		05/01/25 14:59	05/02/25 15:11	1
Iron	10	U	10	8.5	mg/Kg		05/01/25 14:59	05/02/25 15:11	1
Lead	1.0	U	1.0	0.46	mg/Kg		05/01/25 14:59	05/02/25 15:11	1
Magnesium	19.9	U	19.9	8.5	mg/Kg		05/01/25 14:59	05/02/25 15:11	1
Manganese	1.0	U	1.0	0.28	mg/Kg		05/01/25 14:59	05/02/25 15:11	1
Nickel	5.0	U	5.0	0.25	mg/Kg		05/01/25 14:59	05/02/25 15:11	1
Potassium	29.9	U	29.9	24.2	mg/Kg		05/01/25 14:59	05/02/25 15:11	1
Selenium	4.0	U	4.0	0.80	mg/Kg		05/01/25 14:59	05/02/25 15:11	1
Silver	0.60	U	0.60	0.20	mg/Kg		05/01/25 14:59	05/02/25 15:11	1
Sodium	140	U	140	61.2	mg/Kg		05/01/25 14:59	05/02/25 15:11	1
Thallium	6.0	U	6.0	0.76	mg/Kg		05/01/25 14:59	05/02/25 15:11	1
Vanadium	0.50	U	0.50	0.13	mg/Kg		05/01/25 14:59	05/02/25 15:11	1
Zinc	2.0	U	2.0	1.0	mg/Kg		05/01/25 14:59	05/02/25 15:11	1

Lab Sample ID: LCSSRM 480-744967/2-A
Matrix: Solid
Analysis Batch: 745141

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 744967

Analyte	Spike Added	LCSSRM Result	LCSSRM Qualifier	Unit	D	%Rec	%Rec Limits
Aluminum	7680	6517		mg/Kg		84.9	47.4 - 130.2
Antimony	201	69.46		mg/Kg		34.6	0.06 - 100.0
Beryllium	270	207.9		mg/Kg		77.0	73.0 - 104.4
Calcium	4280	3442		mg/Kg		80.4	77.3 - 111.0
Chromium	149	113.6		mg/Kg		76.3	71.8 - 105.4
Cobalt	142	113.0		mg/Kg		79.6	73.2 - 104.2
Copper	264	195.2		mg/Kg		73.9	73.5 - 104.2
Iron	7360	5515		mg/Kg		74.9	55.4 - 130.3
Lead	106	82.62		mg/Kg		77.9	76.1 - 109.4
Magnesium	2170	1686		mg/Kg		77.7	68.7 - 112.0
Nickel	177	139.4		mg/Kg		78.7	71.8 - 103.4
Potassium	2340	1835		mg/Kg		78.4	62.8 - 113.7
Silver	59.9	46.72		mg/Kg		78.0	72.8 - 110.7
Sodium	306	244.8		mg/Kg		80.0	66.0 - 113.4
Thallium	205	156.7		mg/Kg		76.5	71.7 - 106.8
Vanadium	155	115.9		mg/Kg		74.8	69.0 - 107.7

Method: 6010C - Metals (ICP) (Continued)

Lab Sample ID: LCSSRM 480-744967/2-A
Matrix: Solid
Analysis Batch: 745141

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 744967

Analyte	Spike Added	LCSSRM Result	LCSSRM Qualifier	Unit	D	%Rec	%Rec Limits
Zinc	398	292.2		mg/Kg		73.4	68.8 - 104.5

Lab Sample ID: LCSSRM 480-744967/2-A
Matrix: Solid
Analysis Batch: 745220

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 744967

Analyte	Spike Added	LCSSRM Result	LCSSRM Qualifier	Unit	D	%Rec	%Rec Limits
Arsenic	181	122.4		mg/Kg		67.6	66.3 - 97.8
Barium	211	167.7		mg/Kg		79.5	73.9 - 107.1
Cadmium	221	156.3		mg/Kg		70.7	70.6 - 101.8
Manganese	270	202.6		mg/Kg		75.1	73.0 - 107.8
Selenium	139	101.2		mg/Kg		72.8	70.0 - 107.9

Method: 7471B - Mercury (CVAA)

Lab Sample ID: MB 480-745180/1-A
Matrix: Solid
Analysis Batch: 745256

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 745180

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.020	U	0.020	0.0045	mg/Kg		05/05/25 08:53	05/05/25 14:47	1

Lab Sample ID: LCSSRM 480-745180/2-A ^10
Matrix: Solid
Analysis Batch: 745256

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 745180

Analyte	Spike Added	LCSSRM Result	LCSSRM Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	24.0	18.05		mg/Kg		75.2	55.8 - 109.6

Method: 7196A - Chromium, Hexavalent

Lab Sample ID: MB 410-639549/1-A
Matrix: Solid
Analysis Batch: 639792

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 639549

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI)	0.42	U	0.42	0.14	mg/Kg		05/05/25 11:59	05/05/25 20:04	1

Lab Sample ID: LCS 410-639549/2-A
Matrix: Solid
Analysis Batch: 639792

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 639549

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Cr (VI)	5.00	4.74		mg/Kg		95	80 - 120

Method: 7196A - Chromium, Hexavalent (Continued)

Lab Sample ID: LCSI 410-639549/3-A
Matrix: Solid
Analysis Batch: 639792

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 639549

Analyte	Spike Added	LCSI Result	LCSI Qualifier	Unit	D	%Rec	%Rec Limits
Cr (VI)	849	777.1		mg/Kg		92	80 - 120

Method: 9012B - Cyanide, Total andor Amenable

Lab Sample ID: MB 480-745356/1-A
Matrix: Solid
Analysis Batch: 745405

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 745356

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	0.97	U	0.97	0.47	mg/Kg		05/06/25 12:47	05/06/25 16:55	1

Lab Sample ID: LCS 480-745356/3-A
Matrix: Solid
Analysis Batch: 745405

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 745356

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Cyanide, Total	0.400	0.423		mg/Kg		106	29 - 122

Lab Sample ID: LCS 480-745356/4-A
Matrix: Solid
Analysis Batch: 745405

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 745356

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Cyanide, Total	0.250	0.246		mg/Kg		98	29 - 122

Lab Sample ID: LCSSRM 480-745356/2-A
Matrix: Solid
Analysis Batch: 745405

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 745356

Analyte	Spike Added	LCSSRM Result	LCSSRM Qualifier	Unit	D	%Rec	%Rec Limits
Cyanide, Total	150	113.0		mg/Kg		75.4	38.9 - 138.7

GC/MS VOA

Prep Batch: 745043

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-229116-1	WC-01 (04302025)	Total/NA	Solid	5035A_L	
480-229116-2	WC-02 (04302025)	Total/NA	Solid	5035A_L	
480-229116-3	WC-03 (04302025)	Total/NA	Solid	5035A_L	
480-229116-4	WC-04 (04302025)	Total/NA	Solid	5035A_L	
480-229116-5	WC-05 (04302025)	Total/NA	Solid	5035A_L	
MB 480-745043/3-A	Method Blank	Total/NA	Solid	5035A_L	
LCS 480-745043/1-A	Lab Control Sample	Total/NA	Solid	5035A_L	
LCSD 480-745043/2-A	Lab Control Sample Dup	Total/NA	Solid	5035A_L	

Analysis Batch: 745044

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-229116-1	WC-01 (04302025)	Total/NA	Solid	8260C	745043
480-229116-2	WC-02 (04302025)	Total/NA	Solid	8260C	745043
480-229116-3	WC-03 (04302025)	Total/NA	Solid	8260C	745043
480-229116-4	WC-04 (04302025)	Total/NA	Solid	8260C	745043
480-229116-5	WC-05 (04302025)	Total/NA	Solid	8260C	745043
MB 480-745043/3-A	Method Blank	Total/NA	Solid	8260C	745043
LCS 480-745043/1-A	Lab Control Sample	Total/NA	Solid	8260C	745043
LCSD 480-745043/2-A	Lab Control Sample Dup	Total/NA	Solid	8260C	745043

GC/MS Semi VOA

Prep Batch: 745124

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-229116-6	WC-02(0.5')(04302025)	Total/NA	Solid	3550C	
480-229116-7	WC-01(0.5')(04302025)	Total/NA	Solid	3550C	
MB 480-745124/1-A	Method Blank	Total/NA	Solid	3550C	
LCS 480-745124/2-A	Lab Control Sample	Total/NA	Solid	3550C	

Analysis Batch: 745191

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-229116-6	WC-02(0.5')(04302025)	Total/NA	Solid	8270D	745124
480-229116-7	WC-01(0.5')(04302025)	Total/NA	Solid	8270D	745124
MB 480-745124/1-A	Method Blank	Total/NA	Solid	8270D	745124
LCS 480-745124/2-A	Lab Control Sample	Total/NA	Solid	8270D	745124

GC Semi VOA

Prep Batch: 745050

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-229116-6	WC-02(0.5')(04302025)	Total/NA	Solid	3546	
480-229116-7	WC-01(0.5')(04302025)	Total/NA	Solid	3546	
MB 480-745050/1-A	Method Blank	Total/NA	Solid	3546	
LCS 480-745050/2-A	Lab Control Sample	Total/NA	Solid	3546	

Prep Batch: 745174

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-229116-6	WC-02(0.5')(04302025)	Total/NA	Solid	3550C	
480-229116-7	WC-01(0.5')(04302025)	Total/NA	Solid	3550C	
MB 480-745174/1-A	Method Blank	Total/NA	Solid	3550C	
LCS 480-745174/2-A	Lab Control Sample	Total/NA	Solid	3550C	

GC Semi VOA

Analysis Batch: 745178

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-229116-6	WC-02(0.5')(04302025)	Total/NA	Solid	8081B	745050
480-229116-7	WC-01(0.5')(04302025)	Total/NA	Solid	8081B	745050
MB 480-745050/1-A	Method Blank	Total/NA	Solid	8081B	745050
LCS 480-745050/2-A	Lab Control Sample	Total/NA	Solid	8081B	745050

Prep Batch: 745263

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-229116-6	WC-02(0.5')(04302025)	Total/NA	Solid	8151A	
480-229116-7	WC-01(0.5')(04302025)	Total/NA	Solid	8151A	
MB 480-745263/1-A	Method Blank	Total/NA	Solid	8151A	
LCS 480-745263/2-A	Lab Control Sample	Total/NA	Solid	8151A	

Analysis Batch: 745272

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-229116-6	WC-02(0.5')(04302025)	Total/NA	Solid	8082A	745174
480-229116-7	WC-01(0.5')(04302025)	Total/NA	Solid	8082A	745174
MB 480-745174/1-A	Method Blank	Total/NA	Solid	8082A	745174
LCS 480-745174/2-A	Lab Control Sample	Total/NA	Solid	8082A	745174

Analysis Batch: 745627

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-229116-6	WC-02(0.5')(04302025)	Total/NA	Solid	8151A	745263
480-229116-7	WC-01(0.5')(04302025)	Total/NA	Solid	8151A	745263
MB 480-745263/1-A	Method Blank	Total/NA	Solid	8151A	745263
LCS 480-745263/2-A	Lab Control Sample	Total/NA	Solid	8151A	745263

LCMS

Prep Batch: 639601

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-229116-6	WC-02(0.5')(04302025)	Total/NA	Solid	1633 Shake	
480-229116-7	WC-01(0.5')(04302025)	Total/NA	Solid	1633 Shake	
MB 410-639601/1-A	Method Blank	Total/NA	Solid	1633 Shake	
LCS 410-639601/2-A	Lab Control Sample	Total/NA	Solid	1633 Shake	
LCSD 410-639601/3-A	Lab Control Sample Dup	Total/NA	Solid	1633 Shake	
LLCS 410-639601/4-A	Lab Control Sample	Total/NA	Solid	1633 Shake	

Analysis Batch: 640159

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-229116-6	WC-02(0.5')(04302025)	Total/NA	Solid	1633	639601
480-229116-7	WC-01(0.5')(04302025)	Total/NA	Solid	1633	639601
MB 410-639601/1-A	Method Blank	Total/NA	Solid	1633	639601
LCS 410-639601/2-A	Lab Control Sample	Total/NA	Solid	1633	639601
LCSD 410-639601/3-A	Lab Control Sample Dup	Total/NA	Solid	1633	639601
LLCS 410-639601/4-A	Lab Control Sample	Total/NA	Solid	1633	639601

Metals

Prep Batch: 744967

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-229116-6	WC-02(0.5')(04302025)	Total/NA	Solid	3050B	
480-229116-7	WC-01(0.5')(04302025)	Total/NA	Solid	3050B	

Metals (Continued)

Prep Batch: 744967 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 480-744967/1-A	Method Blank	Total/NA	Solid	3050B	
LCSSRM 480-744967/2-A	Lab Control Sample	Total/NA	Solid	3050B	

Analysis Batch: 745141

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-229116-6	WC-02(0.5')(04302025)	Total/NA	Solid	6010C	744967
480-229116-7	WC-01(0.5')(04302025)	Total/NA	Solid	6010C	744967
MB 480-744967/1-A	Method Blank	Total/NA	Solid	6010C	744967
LCSSRM 480-744967/2-A	Lab Control Sample	Total/NA	Solid	6010C	744967

Prep Batch: 745180

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-229116-6	WC-02(0.5')(04302025)	Total/NA	Solid	7471B	
480-229116-7	WC-01(0.5')(04302025)	Total/NA	Solid	7471B	
MB 480-745180/1-A	Method Blank	Total/NA	Solid	7471B	
LCSSRM 480-745180/2-A ^10	Lab Control Sample	Total/NA	Solid	7471B	

Analysis Batch: 745220

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-229116-7	WC-01(0.5')(04302025)	Total/NA	Solid	6010C	744967
LCSSRM 480-744967/2-A	Lab Control Sample	Total/NA	Solid	6010C	744967

Analysis Batch: 745256

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-229116-6	WC-02(0.5')(04302025)	Total/NA	Solid	7471B	745180
480-229116-7	WC-01(0.5')(04302025)	Total/NA	Solid	7471B	745180
MB 480-745180/1-A	Method Blank	Total/NA	Solid	7471B	745180
LCSSRM 480-745180/2-A ^10	Lab Control Sample	Total/NA	Solid	7471B	745180

General Chemistry

Prep Batch: 639549

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-229116-6	WC-02(0.5')(04302025)	Total/NA	Solid	3060A	
480-229116-7	WC-01(0.5')(04302025)	Total/NA	Solid	3060A	
MB 410-639549/1-A	Method Blank	Total/NA	Solid	3060A	
LCS 410-639549/2-A	Lab Control Sample	Total/NA	Solid	3060A	
LCSI 410-639549/3-A	Lab Control Sample	Total/NA	Solid	3060A	

Analysis Batch: 639792

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-229116-6	WC-02(0.5')(04302025)	Total/NA	Solid	7196A	639549
480-229116-7	WC-01(0.5')(04302025)	Total/NA	Solid	7196A	639549
MB 410-639549/1-A	Method Blank	Total/NA	Solid	7196A	639549
LCS 410-639549/2-A	Lab Control Sample	Total/NA	Solid	7196A	639549
LCSI 410-639549/3-A	Lab Control Sample	Total/NA	Solid	7196A	639549

Analysis Batch: 745034

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-229116-1	WC-01 (04302025)	Total/NA	Solid	Moisture	
480-229116-2	WC-02 (04302025)	Total/NA	Solid	Moisture	

General Chemistry (Continued)

Analysis Batch: 745034 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-229116-3	WC-03 (04302025)	Total/NA	Solid	Moisture	
480-229116-4	WC-04 (04302025)	Total/NA	Solid	Moisture	
480-229116-5	WC-05 (04302025)	Total/NA	Solid	Moisture	
480-229116-6	WC-02(0.5')(04302025)	Total/NA	Solid	Moisture	
480-229116-7	WC-01(0.5')(04302025)	Total/NA	Solid	Moisture	

Prep Batch: 745356

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-229116-6	WC-02(0.5')(04302025)	Total/NA	Solid	9012B	
480-229116-7	WC-01(0.5')(04302025)	Total/NA	Solid	9012B	
MB 480-745356/1-A	Method Blank	Total/NA	Solid	9012B	
LCS 480-745356/3-A	Lab Control Sample	Total/NA	Solid	9012B	
LCS 480-745356/4-A	Lab Control Sample	Total/NA	Solid	9012B	
LCSSRM 480-745356/2-A	Lab Control Sample	Total/NA	Solid	9012B	

Analysis Batch: 745405

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-229116-6	WC-02(0.5')(04302025)	Total/NA	Solid	9012B	745356
480-229116-7	WC-01(0.5')(04302025)	Total/NA	Solid	9012B	745356
MB 480-745356/1-A	Method Blank	Total/NA	Solid	9012B	745356
LCS 480-745356/3-A	Lab Control Sample	Total/NA	Solid	9012B	745356
LCS 480-745356/4-A	Lab Control Sample	Total/NA	Solid	9012B	745356
LCSSRM 480-745356/2-A	Lab Control Sample	Total/NA	Solid	9012B	745356

Lab Chronicle

Client: ERM-Northeast
Job ID: 480-229116-1
Project/Site: Sanmina Investigation - Owego, NY

Client Sample ID: WC-01 (04302025)
Lab Sample ID: 480-229116-1
Date Collected: 04/30/25 08:00
Matrix: Solid
Date Received: 05/01/25 09:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	745034	JMM	EET BUF	05/01/25 15:43

Client Sample ID: WC-01 (04302025)
Lab Sample ID: 480-229116-1
Date Collected: 04/30/25 08:00
Matrix: Solid
Date Received: 05/01/25 09:30
Percent Solids: 58.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035A_L			745043	CDC	EET BUF	05/01/25 11:00
Total/NA	Analysis	8260C		1	745044	CDC	EET BUF	05/01/25 22:22

Client Sample ID: WC-02 (04302025)
Lab Sample ID: 480-229116-2
Date Collected: 04/30/25 08:15
Matrix: Solid
Date Received: 05/01/25 09:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	745034	JMM	EET BUF	05/01/25 15:43

Client Sample ID: WC-02 (04302025)
Lab Sample ID: 480-229116-2
Date Collected: 04/30/25 08:15
Matrix: Solid
Date Received: 05/01/25 09:30
Percent Solids: 90.8

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035A_L			745043	CDC	EET BUF	05/01/25 11:00
Total/NA	Analysis	8260C		1	745044	CDC	EET BUF	05/01/25 22:46

Client Sample ID: WC-03 (04302025)
Lab Sample ID: 480-229116-3
Date Collected: 04/30/25 08:30
Matrix: Solid
Date Received: 05/01/25 09:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	745034	JMM	EET BUF	05/01/25 15:43

Client Sample ID: WC-03 (04302025)
Lab Sample ID: 480-229116-3
Date Collected: 04/30/25 08:30
Matrix: Solid
Date Received: 05/01/25 09:30
Percent Solids: 90.8

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035A_L			745043	CDC	EET BUF	05/01/25 11:00
Total/NA	Analysis	8260C		1	745044	CDC	EET BUF	05/01/25 23:10

Client Sample ID: WC-04 (04302025)
Lab Sample ID: 480-229116-4
Date Collected: 04/30/25 08:45
Matrix: Solid
Date Received: 05/01/25 09:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	745034	JMM	EET BUF	05/01/25 15:43

Client Sample ID: WC-04 (04302025)
Lab Sample ID: 480-229116-4

Date Collected: 04/30/25 08:45
Matrix: Solid
Date Received: 05/01/25 09:30
Percent Solids: 87.9

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035A_L			745043	CDC	EET BUF	05/01/25 11:00
Total/NA	Analysis	8260C		1	745044	CDC	EET BUF	05/01/25 23:34

Client Sample ID: WC-05 (04302025)
Lab Sample ID: 480-229116-5

Date Collected: 04/30/25 08:50
Matrix: Solid
Date Received: 05/01/25 09:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	745034	JMM	EET BUF	05/01/25 15:43

Client Sample ID: WC-05 (04302025)
Lab Sample ID: 480-229116-5

Date Collected: 04/30/25 08:50
Matrix: Solid
Date Received: 05/01/25 09:30
Percent Solids: 88.0

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035A_L			745043	CDC	EET BUF	05/01/25 11:00
Total/NA	Analysis	8260C		1	745044	CDC	EET BUF	05/01/25 23:57

Client Sample ID: WC-02(0.5')(04302025)
Lab Sample ID: 480-229116-6

Date Collected: 04/30/25 08:20
Matrix: Solid
Date Received: 05/01/25 09:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	745034	JMM	EET BUF	05/01/25 15:43

Client Sample ID: WC-02(0.5')(04302025)
Lab Sample ID: 480-229116-6

Date Collected: 04/30/25 08:20
Matrix: Solid
Date Received: 05/01/25 09:30
Percent Solids: 89.8

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3550C			745124	LSC	EET BUF	05/02/25 13:45
Total/NA	Analysis	8270D		1	745191	JMM	EET BUF	05/06/25 12:20
Total/NA	Prep	3546			745050	SMP	EET BUF	05/02/25 06:59
Total/NA	Analysis	8081B		10	745178	JLS	EET BUF	05/05/25 12:44
Total/NA	Prep	3550C			745174	SMP	EET BUF	05/05/25 06:46
Total/NA	Analysis	8082A		1	745272	W1T	EET BUF	05/06/25 11:05
Total/NA	Prep	8151A			745263	SMP	EET BUF	05/06/25 06:53
Total/NA	Analysis	8151A		1	745627	JLS	EET BUF	05/09/25 14:29
Total/NA	Prep	1633 Shake			639601	D5RZ	ELLE	05/05/25 14:04
Total/NA	Analysis	1633		1	640159	RPU6	ELLE	05/06/25 23:19
Total/NA	Prep	3050B			744967	EMO	EET BUF	05/01/25 14:59
Total/NA	Analysis	6010C		1	745141	BMB	EET BUF	05/02/25 15:50
Total/NA	Prep	7471B			745180	ESB	EET BUF	05/05/25 08:53
Total/NA	Analysis	7471B		1	745256	ESB	EET BUF	05/05/25 14:59
Total/NA	Prep	3060A			639549	W2JF	ELLE	05/05/25 11:59
Total/NA	Analysis	7196A		1	639792	UDS7	ELLE	05/05/25 20:04

Lab Chronicle

Client: ERM-Northeast
Job ID: 480-229116-1
Project/Site: Sanmina Investigation - Owego, NY

Client Sample ID: WC-02(0.5')(04302025)
Lab Sample ID: 480-229116-6

Date Collected: 04/30/25 08:20
Matrix: Solid
Date Received: 05/01/25 09:30
Percent Solids: 89.8

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	9012B			745356	AM	EET BUF	05/06/25 12:47
Total/NA	Analysis	9012B		1	745405	AM	EET BUF	05/06/25 17:02

Client Sample ID: WC-01(0.5')(04302025)
Lab Sample ID: 480-229116-7

Date Collected: 04/30/25 08:10
Matrix: Solid
Date Received: 05/01/25 09:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	745034	JMM	EET BUF	05/01/25 15:43

Client Sample ID: WC-01(0.5')(04302025)
Lab Sample ID: 480-229116-7

Date Collected: 04/30/25 08:10
Matrix: Solid
Date Received: 05/01/25 09:30
Percent Solids: 89.4

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3550C			745124	LSC	EET BUF	05/02/25 13:45
Total/NA	Analysis	8270D		5	745191	JMM	EET BUF	05/06/25 12:48
Total/NA	Prep	3546			745050	SMP	EET BUF	05/02/25 06:59
Total/NA	Analysis	8081B		5	745178	JLS	EET BUF	05/05/25 14:42
Total/NA	Prep	3550C			745174	SMP	EET BUF	05/05/25 06:46
Total/NA	Analysis	8082A		1	745272	W1T	EET BUF	05/06/25 11:24
Total/NA	Prep	8151A			745263	SMP	EET BUF	05/06/25 06:53
Total/NA	Analysis	8151A		1	745627	JLS	EET BUF	05/09/25 14:48
Total/NA	Prep	1633 Shake			639601	D5RZ	ELLE	05/05/25 14:04
Total/NA	Analysis	1633		1	640159	RPU6	ELLE	05/06/25 23:33
Total/NA	Prep	3050B			744967	EMO	EET BUF	05/01/25 14:59
Total/NA	Analysis	6010C		1	745141	BMB	EET BUF	05/02/25 15:52
Total/NA	Prep	3050B			744967	EMO	EET BUF	05/01/25 14:59
Total/NA	Analysis	6010C		5	745220	BMB	EET BUF	05/05/25 11:02
Total/NA	Prep	7471B			745180	ESB	EET BUF	05/05/25 08:53
Total/NA	Analysis	7471B		1	745256	ESB	EET BUF	05/05/25 15:03
Total/NA	Prep	3060A			639549	W2JF	ELLE	05/05/25 11:59
Total/NA	Analysis	7196A		1	639792	UDS7	ELLE	05/05/25 20:04
Total/NA	Prep	9012B			745356	AM	EET BUF	05/06/25 12:47
Total/NA	Analysis	9012B		1	745405	AM	EET BUF	05/06/25 17:03

Laboratory References:

EET BUF = Eurofins Buffalo, 10 Hazelwood Drive, Amherst, NY 14228-2298, TEL (716)691-2600

ELLE = Eurofins Lancaster Laboratories Environment Testing, LLC, 2425 New Holland Pike, Lancaster, PA 17601, TEL (717)656-2300

Accreditation/Certification Summary

Client: ERM-Northeast
Job ID: 480-229116-1
Project/Site: Sanmina Investigation - Owego, NY

Laboratory: Eurofins Buffalo

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
New York	NELAP	10026	03-31-26

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
Moisture		Solid	Percent Moisture
Moisture		Solid	Percent Solids

Laboratory: Eurofins Lancaster Laboratories Environment Testing, LLC

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
New York	NELAP	10670	04-01-26

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
1633	1633 Shake	Solid	11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)
1633	1633 Shake	Solid	1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)
1633	1633 Shake	Solid	1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)
1633	1633 Shake	Solid	3-Perfluoroheptylpropanoic acid (7:3 FTCA)
1633	1633 Shake	Solid	3-Perfluoropentylpropanoic acid (5:3 FTCA)
1633	1633 Shake	Solid	3-Perfluoropropylpropanoic acid (3:3 FTCA)
1633	1633 Shake	Solid	4,8-Dioxa-3H-perfluorononanoic acid (DONA)
1633	1633 Shake	Solid	9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)
1633	1633 Shake	Solid	Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)
1633	1633 Shake	Solid	N-ethylperfluorooctane sulfonamide (NEtFOSA)
1633	1633 Shake	Solid	N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)
1633	1633 Shake	Solid	N-methylperfluorooctane sulfonamide (NMeFOSA)
1633	1633 Shake	Solid	N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)
1633	1633 Shake	Solid	Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)
1633	1633 Shake	Solid	Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)
1633	1633 Shake	Solid	Perfluoro-3-methoxypropanoic acid (PFMPA)
1633	1633 Shake	Solid	Perfluoro-4-methoxybutanoic acid (PFMBA)
1633	1633 Shake	Solid	Perfluorobutanesulfonic acid (PFBS)
1633	1633 Shake	Solid	Perfluorodecanesulfonic acid (PFDS)
1633	1633 Shake	Solid	Perfluorododecanesulfonic acid (PFDoS)
1633	1633 Shake	Solid	Perfluoroheptanesulfonic acid (PFHpS)

Laboratory: Eurofins Lancaster Laboratories Environment Testing, LLC (Continued)

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
1633	1633 Shake	Solid	Perfluorohexanesulfonic acid (PFHxS)
1633	1633 Shake	Solid	Perfluorononanesulfonic acid (PFNS)
1633	1633 Shake	Solid	Perfluorooctanesulfonamide (PFOSA)
1633	1633 Shake	Solid	Perfluoropentanesulfonic acid (PFPeS)

Method Summary

Client: ERM-Northeast
Job ID: 480-229116-1
Project/Site: Sanmina Investigation - Owego, NY

Method	Method Description	Protocol	Laboratory
8260C	Volatile Organic Compounds by GC/MS	SW846	EET BUF
8270D	Semivolatile Organic Compounds (GC/MS)	SW846	EET BUF
8081B	Organochlorine Pesticides (GC)	SW846	EET BUF
8082A	Polychlorinated Biphenyls (PCBs) by Gas Chromatography	SW846	EET BUF
8151A	Herbicides (GC)	SW846	EET BUF
1633	Per- and Polyfluoroalkyl Substances by LC/MS/MS	EPA	ELLE
6010C	Metals (ICP)	SW846	EET BUF
7471B	Mercury (CVAA)	SW846	EET BUF
7196A	Chromium, Hexavalent	SW846	ELLE
9012B	Cyanide, Total andor Amenable	SW846	EET BUF
Moisture	Percent Moisture	EPA	EET BUF
1633 Shake	Shake Extraction with SPE	EPA	ELLE
3050B	Preparation, Metals	SW846	EET BUF
3060A	Alkaline Digestion (Chromium, Hexavalent)	SW846	ELLE
3546	Microwave Extraction	SW846	EET BUF
3550C	Ultrasonic Extraction	SW846	EET BUF
5035A_L	Closed System Purge and Trap	SW846	EET BUF
7471B	Preparation, Mercury	SW846	EET BUF
8151A	Extraction (Herbicides)	SW846	EET BUF
9012B	Cyanide, Total and/or Amenable, Distillation	SW846	EET BUF

Protocol References:

EPA = US Environmental Protection Agency

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

EET BUF = Eurofins Buffalo, 10 Hazelwood Drive, Amherst, NY 14228-2298, TEL (716)691-2600

ELLE = Eurofins Lancaster Laboratories Environment Testing, LLC, 2425 New Holland Pike, Lancaster, PA 17601, TEL (717)656-2300

Sample Summary

Client: ERM-Northeast
Job ID: 480-229116-1
Project/Site: Sanmina Investigation - Owego, NY

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
480-229116-1	WC-01 (04302025)	Solid	04/30/25 08:00	05/01/25 09:30
480-229116-2	WC-02 (04302025)	Solid	04/30/25 08:15	05/01/25 09:30
480-229116-3	WC-03 (04302025)	Solid	04/30/25 08:30	05/01/25 09:30
480-229116-4	WC-04 (04302025)	Solid	04/30/25 08:45	05/01/25 09:30
480-229116-5	WC-05 (04302025)	Solid	04/30/25 08:50	05/01/25 09:30
480-229116-6	WC-02(0.5')(04302025)	Solid	04/30/25 08:20	05/01/25 09:30
480-229116-7	WC-01(0.5')(04302025)	Solid	04/30/25 08:10	05/01/25 09:30

Amherst, NY 14228-2298
Phone: 716-691-2600 Fax: 716-691-7991

Chain of Custody Record

Syracuse #225

eurofins Environment Testing

Client Information	Sampler: A Harford J Vincent	Lab PM: Schove, John R	Carrier Tracking No(s):	COC No: 480-204705-41744.1
Client Contact: Mr. Robert Sents	Phone: 570 8616 6224	E-Mail: John.Schove@et.eurofinsus.com	State of Origin: NY	Page: Page 1 of 1
Company: ERM-Northeast	PWSID:			Job #:
Address: 5784 Widewaters Pkwy	Due Date Requested:			
City: Dewitt	TAT Requested (days): 5 day			
State, Zip: NY, 13214	Compliance Project: Δ Yes Δ No			
Phone: 315-445-2543(Tel)	PO #: 0589878			
Email: robert.sents@erm.com edd@erm.com kevin.wagner@erm.com	WO #:			
Project Name: Sanmina Investigation - Owego, NY	Project #: 48023407			
Site:	SSOW#:			

Analysis Requested

Preservation Codes: N - None

Other:

Special Instructions/Note:

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8260C - TCL VOCs	7196A - Hexavalent Chromium	1633 - PFAS List of 40	6010C, 7471B, 9012B	8081B, 8082A	8151A, 8270D	Total Number of containers	Special Instructions/Note:
			Preservation Code:				N	N	N	N	N	N		
WC-01 (04302025)	4/30/25	8:00	G	Solid	N	N	X						4	
WC-02 (04302025)	4/30/25	8:15	G	Solid	N	N	X						4	
WC-03 (04302025)	4/30/25	8:30	G	Solid	N	N	X						4	
WC-04 (04302025)	4/30/25	8:45	G	Solid	N	N	X						4	* 2 coolers *
WC-05 (04302025)	4/30/25	8:50	G	Solid	N	N	X						4	
WC-02(0-5')(04302025)	4/30/25	8:20	C	Solid	N	N		X	X	X	X	X	5	
WC-01(0-5')(04302025)	4/30/25	8:10	C	Solid	N	N		X	X	X	X	X	5	

480-229116 Chain of Custody

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☒ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples ...
☐ Return To Client ☒ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify) Level IV CAT B

Special Instructions/QC Requirements: EQuIS EDD

Empty Kit Relinquished by: | Date: | Time: | Method of Shipment:

	Date/Time	Company		Date/Time	Company
Relinquished by:	4/30/25 1615	ERM	Received by:	4/30/25 1615	ES-SYR
Relinquished by:	4/30/25 1900	ES-SYR	Received by:	5-1-25 930	TAB
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No | Custody Seal No.:

Cooler Temperature(s) °C and Other Remarks: 3.3 ICE IR#SC

Ver: 10/10/2024

Eurofins Buffalo
10 Hazelwood Drive
Amherst, NY 14228-2298
Phone: 716-691-2600 Fax: 716-691-7991

Chain of Custody Record

eurofins | Environment Testing

Client Information (Sub Contract Lab)	Sampler: N/A	Lab PM: Schove, John R	Carrier Tracking No(s): N/A	COC No: 480-92343.1
Client Contact: Shipping/Receiving	Phone: N/A	E-Mail: John.Schove@et.eurofinsus.com	State of Origin: New York	Page: Page 1 of 1
Company: Eurofins Lancaster Laboratories Environm		Accreditations Required (See note): NELAP - New York		Job #: 480-229116-1
Address: 2425 New Holland Pike, ,	Due Date Requested: 5/7/2025			
City: Lancaster	TAT Requested (days): N/A			
State, Zip: PA, 17601				
Phone: 717-656-2300(Tel)	PO #: N/A			
Email: N/A	WO #: N/A			
Project Name: Sanmina Investigation - Owego, NY	Project #: 48023407			
Site: N/A	SSOW#: N/A			

Analysis Requested

Preservation Codes:
-

Other: N/A

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	1633/1633_Shake PFAS List of 40	7196A/3060A Chromium, Hexavalent	Total Number of containers	Special Instructions/Note:
			Preservation Code:							
WC-02(0.5')(04302025) (480-229116-6)	4/30/25	08:20 Eastern	G	Solid			X	X	2	
WC-01(0.5')(04302025) (480-229116-7)	4/30/25	08:10 Eastern	G	Solid			X	X	2	

Note: Since laboratory accreditations are subject to change, Eurofins Environment Testing Northeast, LLC places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Environment Testing Northeast, LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Environment Testing Northeast, LLC attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Environment Testing Northeast, LLC.

Possible Hazard Identification	*Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)*
Unconfirmed	☐ *Return To Client* ☐ *Disposal By Lab* ☐ *Archive For* _____ *Months*
Deliverable Requested: I, II, III, IV, Other (specify) Primary Deliverable Rank: 2	Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by	Date/Time	Company	Received by	Date/Time	Company
[signature]	5-1-25 1400				
Relinquished by	Date/Time	Company	Received by	Date/Time	Company
Relinquished by	Date/Time	Company	Received by	Date/Time	Company
			[signature]	05/02/25 1000	BLGT

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks: R=3.0 C=2.7

Ver: 10/10/2024

Login Sample Receipt Checklist

Client: ERM-Northeast

Job Number: 480-229116-1

Login Number: 229116

List Source: Eurofins Buffalo

List Number: 1

Creator: Yeager, Brian A

Question	Answer	Comment
Radioactivity either was not measured or, if measured, is at or below background	True	
The cooler's custody seal, if present, is intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	3.3 ICE IR# SC
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time (Excluding tests with immediate HTs)..	True	FREEZE 5-1-25 11:00
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	N/A	
If necessary, staff have been informed of any short hold time or quick TAT needs	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Sampling Company provided.	True	ERM
Samples received within 48 hours of sampling.	True	
Samples requiring field filtration have been filtered in the field.	True	
Chlorine Residual checked.	N/A	

Login Sample Receipt Checklist

Client: ERM-Northeast

Job Number: 480-229116-1

Login Number: 229116
List Number: 2
Creator: Bui, Anthony

List Source: Eurofins Lancaster Laboratories Environment Testing, LLC
List Creation: 05/02/25 01:28 PM

Question	Answer	Comment
The cooler's custody seal is intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature acceptable,where thermal pres is required(</=6C, not frozen).	True	
Cooler Temperature is recorded.	N/A	
WV:Container Temp acceptable,where thermal pres is required (</=6C, not frozen).	N/A	
WV: Container Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
There are no discrepancies between the containers received and the COC.	False	Received extra samples not listed on COC.
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
There is sufficient vol. for all requested analyses.	True	
Is the Field Sampler's name present on COC?	False	Received project as a subcontract.
Sample custody seals are intact.	N/A	
VOA sample vials do not have headspace >6mm in diameter (none, if from WV)?	N/A	

345 Woodcliff Dr 2nd floor
Fairport, NY 14450

T +1 315 256 5350
erm.com

Mr. Stephen Colquhoun
New York State Department of Environmental Conservation
Region 7 - Division of Environmental Remediation
5786 Widewaters Pkwy
Syracuse, NY 13214

DATE
25 November 2025

SUBJECT
Second Semi-Annual PMP Report 2025
Robintech/Compudyne, Inc. Site
Sanmina Corporation facility, Owego, NY

REFERENCE
NYSDEC Site ID: C706019

Dear Mr. Colquhoun:

This letter report presents the October 2025 semi-annual groundwater and sub-slab depressurization system (SSDS) vacuum monitoring results for the Robintech/Compudyne, Inc. New York State Superfund Site No. 754007 (the "Site"; Figure 1), which covers a portion of the Sanmina Corporation (Sanmina) facility in Owego, New York.

Groundwater monitoring has been conducted pursuant to a New York State Department of Environmental Conservation (NYSDEC)-approved Performance Monitoring Program (PMP) dated 21 February 1997 and has continued through this sampling event.

A groundwater and treatment system sampling event was conducted by ERM Consulting & Engineering, Inc. (ERM) on 22 October 2025. Analytical services were provided by Eurofins Test America, Inc. (Eurofins) of Buffalo, New York, which is a National Environmental Laboratory Accreditation Program (ELAP)-approved laboratory. Eurofins analyzed groundwater and treatment system samples for volatile organic compounds (VOC's) by United States Environmental Protection Agency (USEPA) Method 8260C.

This report presents a discussion of groundwater quality and flow direction, groundwater recovery well operation, and an assessment of the overall recovery system performance between the March 2025 and October 2025 sampling events. Figure 2 of this report presents a Site plan including the location of all groundwater monitoring and recovery wells.

GROUNDWATER FLOW

Groundwater elevation measurements were collected at monitoring wells to evaluate groundwater flow direction during each monitoring event. Groundwater elevation data are presented in Table 1. Groundwater contour maps for the shallow overburden, deep overburden, and bedrock groundwater zones were prepared for the October 2025 PMP event. These maps are attached as Figures 3, 4, and 5, respectively.

Groundwater flow in the shallow overburden, deep overburden, and bedrock is generally to the south, towards the Susquehanna River, located approximately 0.75-mile south of the Site. The groundwater flow direction and elevations observed during the October 2025 sampling event was generally consistent with previous groundwater monitoring periods.

GROUNDWATER QUALITY

The purpose of the sampling and laboratory analyses is to monitor groundwater quality changes through time (monitoring well analyses) and to monitor the performance of the air stripper. Passive Diffusive Bag (PDB) samplers were installed in monitoring wells on 27 March 2025. The PDBs were placed at the mid-point of the screened well interval in each monitoring well. Table 2 lists the deployment depth of the PDBs during the monitoring event. Water was collected from the PDBs on 22 October 2025 and sent to Eurofins for VOC analysis using USEPA Method 8260B. The analytical results for PMP monitoring event are summarized in Table 3. A copy of the analytical report is included as Attachment A.

Individual recovery well samples were collected as grab samples from sampling ports in the piping system on 22 and 23 October 2025. Analytical results are summarized in Table 3 and a copy of the analytical data is included as Attachment A. The trend of Trichloroethene (TCE) and 1,1,1-Trichloroethane (1,1,1-TCA) concentrations in groundwater collected from recovery wells RW-6, and the effluent water treated by the onsite groundwater treatment system (i.e. Air Stripper) are graphically illustrated in Figures 6 & 7, respectively. RW-4 is included in Figures 6 & 7; however, as discussed below, RW-4 was abandoned in 2025.

As shown in the time series plots (Figure 6 & 7), the TCE and 1,1,1-TCA concentrations in groundwater from RW-6 are within the historic ranges reported over the last several years.

As requested by the Department, Figure 8 presents a map of TCE concentrations across the site using analytical results from PMP samples collected in October 2025.

Concentrations of other VOCs in groundwater collected from monitoring wells across the Site are within the range of historic concentrations (Table 3).

After the October 2025 sampling, PDBs for the April 2026 sampling event were installed in the required monitoring wells.

SSDS SHUTDOWN AND WELL ABANDONMENT

The engineering control requirements for the site have been modified based on written approval from the NYSDEC to shut down the SSDS and remove one recovery well (RW-4) to facilitate the 2025 interim remedial measure (IRM). These changes reflect updates to the implemented controls; however, the Record of Decision (ROD) and PMP have not been formally amended. RW-4 was a recovery well included in the PMP and an extraction point for the groundwater treatment system. Routine monitoring of the SSDS had been completed on a monthly basis up to the shutdown of the SSDS in April 2025 during the demolition of the former clean room in preparation for the IRM of the chemical storage source area. This area of the building remains unoccupied and the SSDS did not operate during this PMP monitoring period.

RECOVERY WELL AND AIR STRIPPER PERFORMANCE

Between 28 March 2025 and 21 October 2025, the groundwater treatment system recovered and treated 3,127,557 gallons of groundwater based on totalizer readings. The system has treated groundwater at an average rate of 10.6 gallons per minute (GPM).

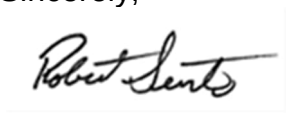
The air stripper treats groundwater from recovery wells RW-3 and RW-6. Pursuant to the PMP, the air stripper effluent was sampled during the October 2025 PMP sampling event. The effluent sample exhibited minor detections of TCE, cis-1,2-Dichloroethene (cDCE), 1,1,1-TCA , and 1,1,-Dichloroethene (1,1-DCE). Each of which were below the discharge permit limits of 10 micrograms per liter. The shallow tray air stripper is effectively reducing VOC concentrations from groundwater as designed.

SUMMARY

In summary, the total VOCs reported from Site monitoring and recovery wells during the October 2025 sampling and laboratory analysis are comparable to historical sampling events. The groundwater treatment system is in compliance with the Sanmina sanitary discharge permit.

If you should have any questions regarding this report, please contact the undersigned at (315) 233-3038 or via e-mail rob.sents@erm.com.

Sincerely,



Rob Sents
Senior Project Manager

Cc: Julia Kenney, NYSDOH
Josh Cook, NYSDEC
Gary Priscott, NYSDEC
Earl Kimble, Sanmina
Khalid Ruhullah, Sanmina
Ernie Rossano, ERM

FIGURES

DRAWN BY: GIS Team

SITE

Legend

Site Boundary

0 0.1 0.2 0.3 0.4 Miles

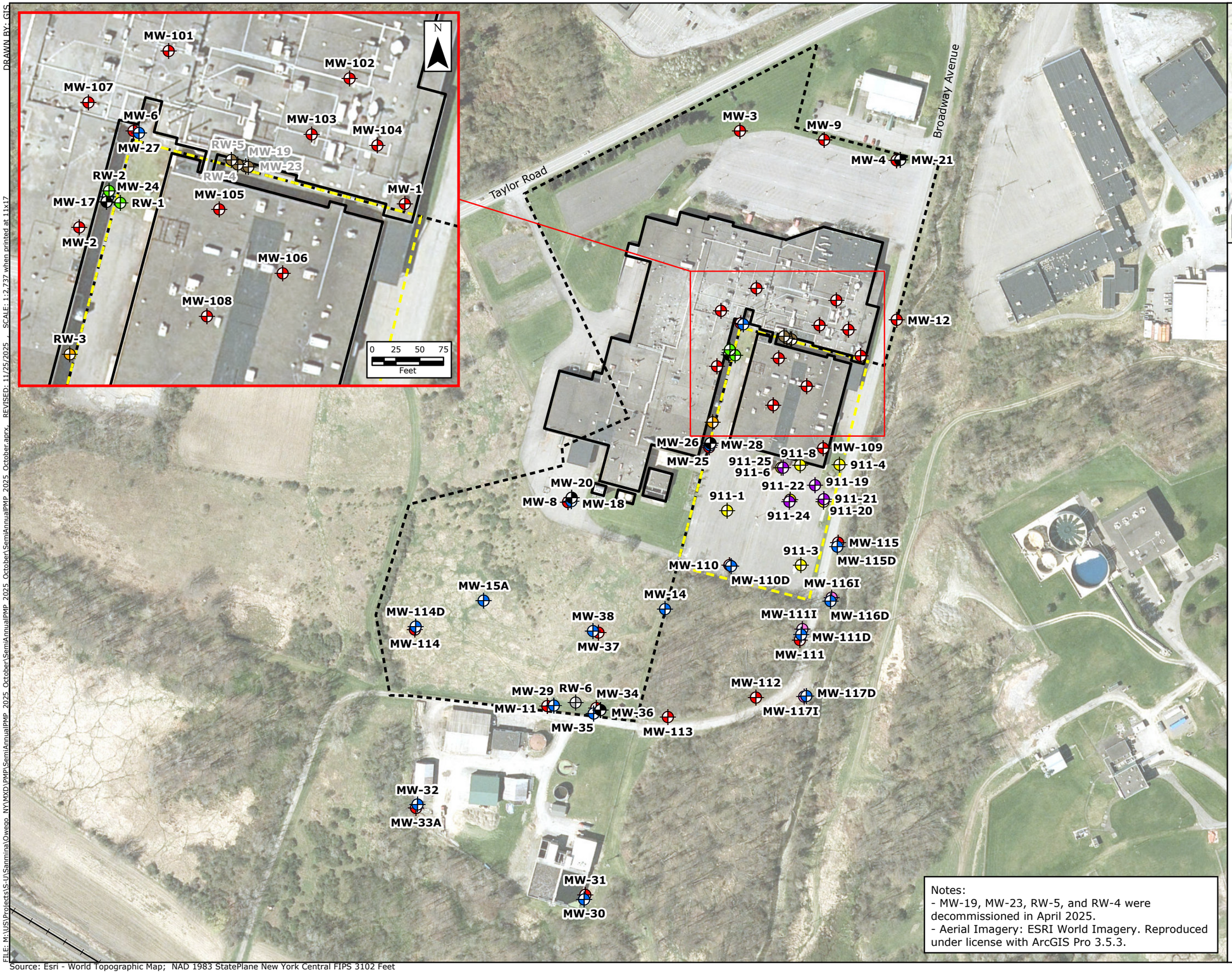
1:20,000

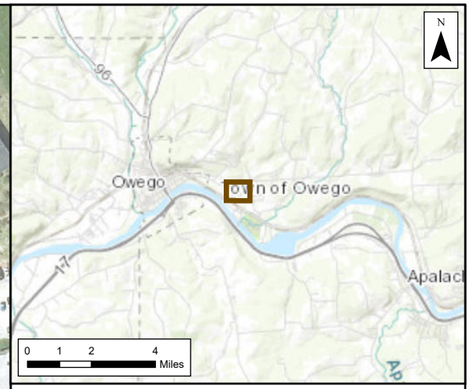
Figure 1
Site Location
Sanmina
Owego, NY

SOURCE: USGS scanned topographic quad maps provided by National Geographic Society (© 2024).

Source: Esri - World Topographic Map; NAD 1983 StatePlane New York Central FIPS 3102 Feet

FILE: M:\US\Projects\S-U\Sanmina\Owego_NY\MXD\PMP\SemiannualPMP_2024_October\Figure1_SiteLocusMap_20241105.mxd | REVISED: 11/05/2024 | SCALE: 1:20,000 when printed at 11x17





Legend

- Bedrock Monitoring Well
- Bedrock Recovery Well
- Deep Overburden Monitoring Well
- Deep Overburden Recovery Well
- IBM Deep Overburden Monitoring Well
- Intermediate Overburden Monitoring Well
- Shallow Overburden Monitoring Well
- Shallow Overburden Recovery Well
- IBM Shallow Overburden Monitoring Well
- Decommissioned Monitoring Well
- Railroad
- Building Outline
- Broadway Complex Site Boundary
- Robintech Compudyne Site Boundary

N

0 110 220 440
Feet

Notes:
- MW-19, MW-23, RW-5, and RW-4 were decommissioned in April 2025.
- Aerial Imagery: ESRI World Imagery. Reproduced under license with ArcGIS Pro 3.5.3.

Figure 2
Monitoring Well Locations
Sanmina
Owego, NY

ERM

Source: Esri - World Topographic Map; NAD 1983 StatePlane New York Central FIPS 3102 Feet

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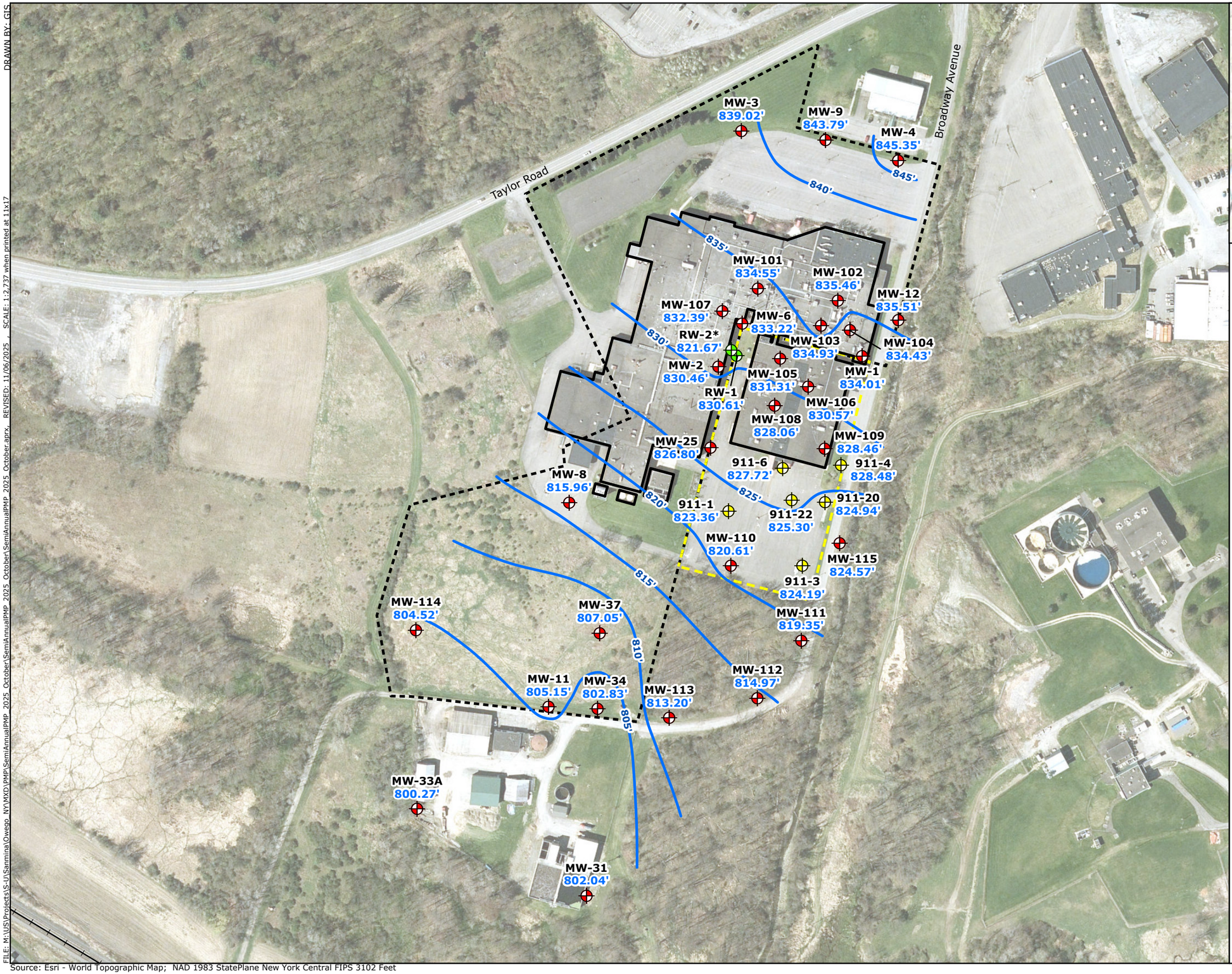

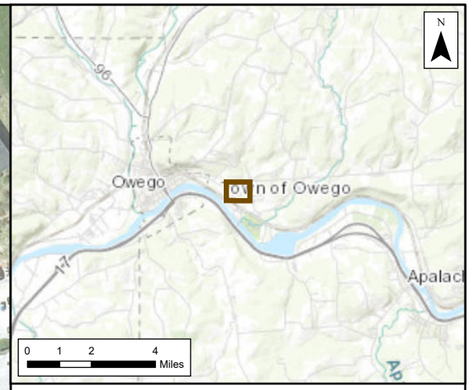

Legend

- Shallow Overburden Monitoring Well
- Shallow Overburden Recovery Well
- IBM Shallow Overburden Monitoring Well
- 845.35' Groundwater Elevation (ft.)
- Groundwater Elevation Contour (5 ft.)
- Railroad
- Building Outline
- Broadway Complex Site Boundary
- Robintech Compudyne Site Boundary

Notes:
- * = groundwater elevation not used in the groundwater contour interpolation
- ft. = feet
- Groundwater elevation was measured on 22 October 2025.
- Aerial Imagery: ESRI World Imagery. Reproduced under license with ArcGIS Pro 3.5.3.

N

0 110 220 440
Feet

Figure 3
Shallow Overburden Groundwater Contour Map
October 2025
Sanmina
Owego, NY

ERM

Source: Esri - World Topographic Map; NAD 1983 StatePlane New York Central FIPS 3102 Feet

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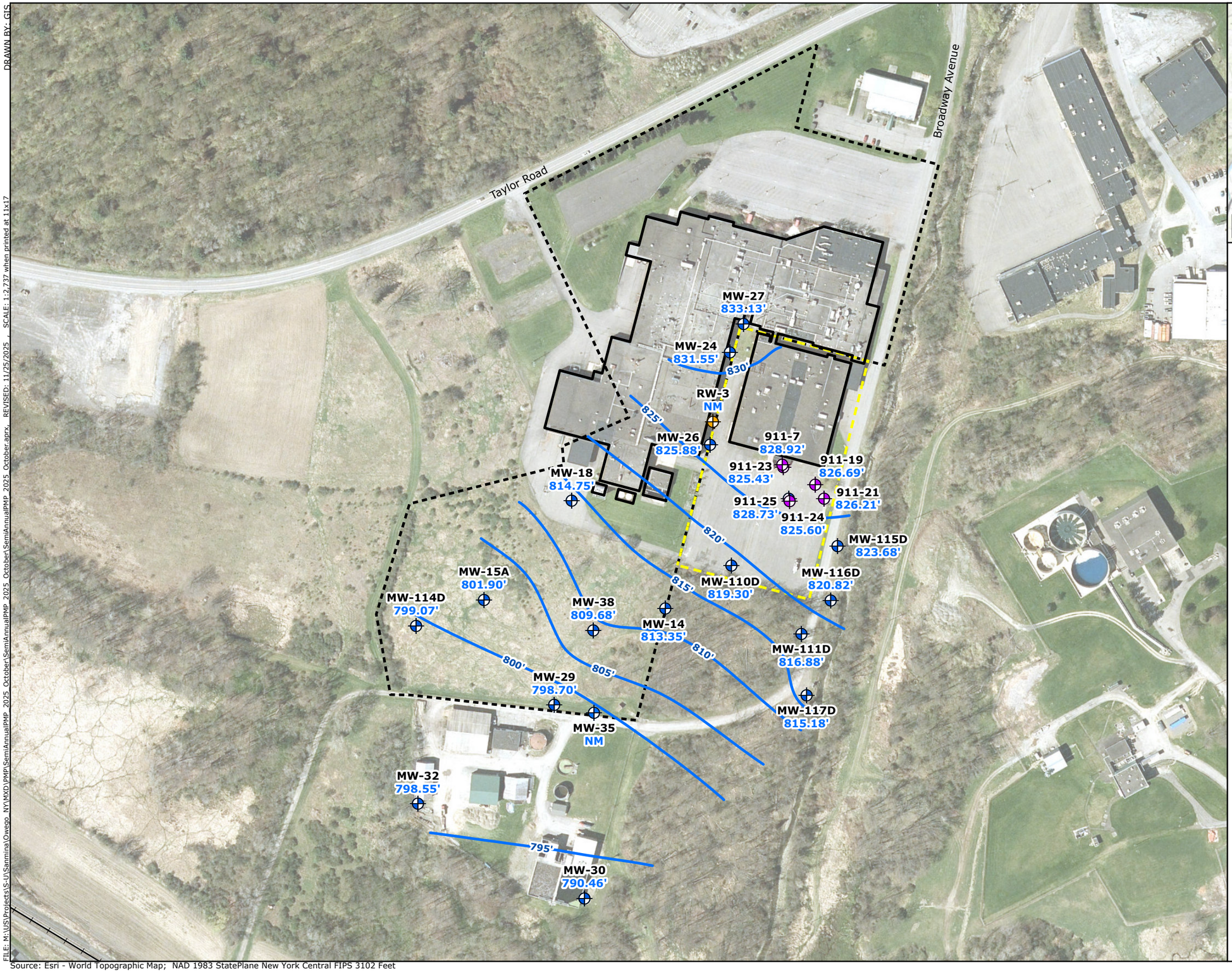
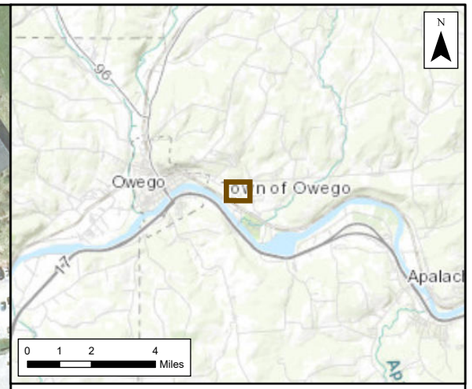




Legend

- Deep Overburden Monitoring Well
- IBM Deep Overburden Monitoring Well
- Deep Overburden Recovery Well
- 833.13' Groundwater Elevation (ft.)
- Groundwater Elevation Contour (5 ft.)
- Railroad
- Building Outline
- Broadway Complex Site Boundary
- Robintech Compudyne Site Boundary

Notes:
- ft. = feet
- NM = Not Measured
- Groundwater elevation was measured on 22 October 2025.
- Aerial Imagery: ESRI World Imagery. Reproduced under license with ArcGIS Pro 3.5.3.

N

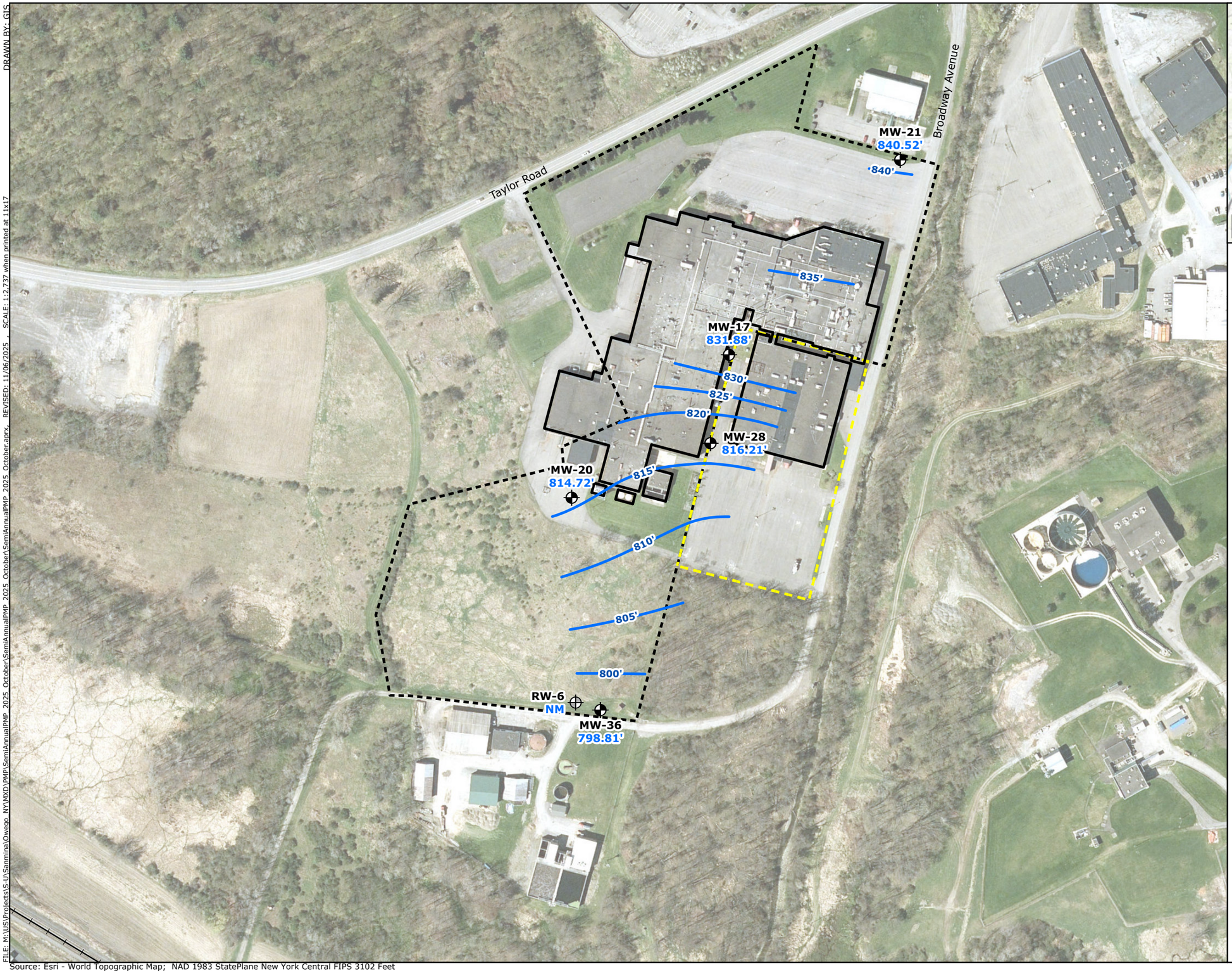
0 110 220 440
Feet

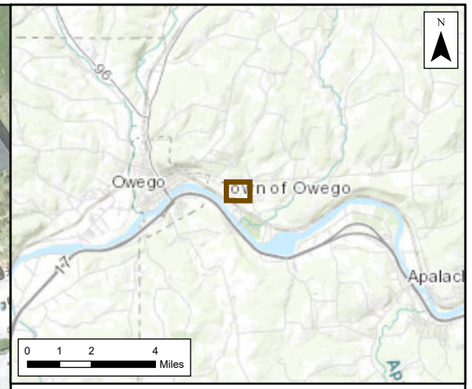
Figure 4
Deep Overburden Groundwater Contour Map
October 2025
Sanmina
Owego, NY

ERM

Source: Esri - World Topographic Map; NAD 1983 StatePlane New York Central FIPS 3102 Feet

FILE: M:\US\Projects\S-U\Sanmina\Owego_NY\MXD\PMP\SemiAnnualPMP_2025_October\SemiAnnualPMP_2025_October\SemiAnnualPMP_2025_October.aprx, REVISED: 11/25/2025 SCALE: 1:2,737 when printed at 11x17 DRAWN BY: GIS





Legend

- Bedrock Monitoring Well
- Bedrock Recovery Well
- 840.52' Groundwater Elevation (ft.)
- Groundwater Elevation Contour (5 ft.)
- Railroad
- Building Outline
- Broadway Complex Site Boundary
- Robintech Compudyne Site Boundary

Notes:
- ft. = feet
- NM = Not Measured
- Groundwater elevation was measured on 22 October 2025.
- Aerial Imagery: ESRI World Imagery. Reproduced under license with ArcGIS Pro 3.5.3.

N

0 110 220 440
Feet

Figure 5
Bedrock Groundwater Contour Map
October 2025
Sanmina
Owego, NY

ERM

Source: Esri - World Topographic Map; NAD 1983 StatePlane New York Central FIPS 3102 Feet

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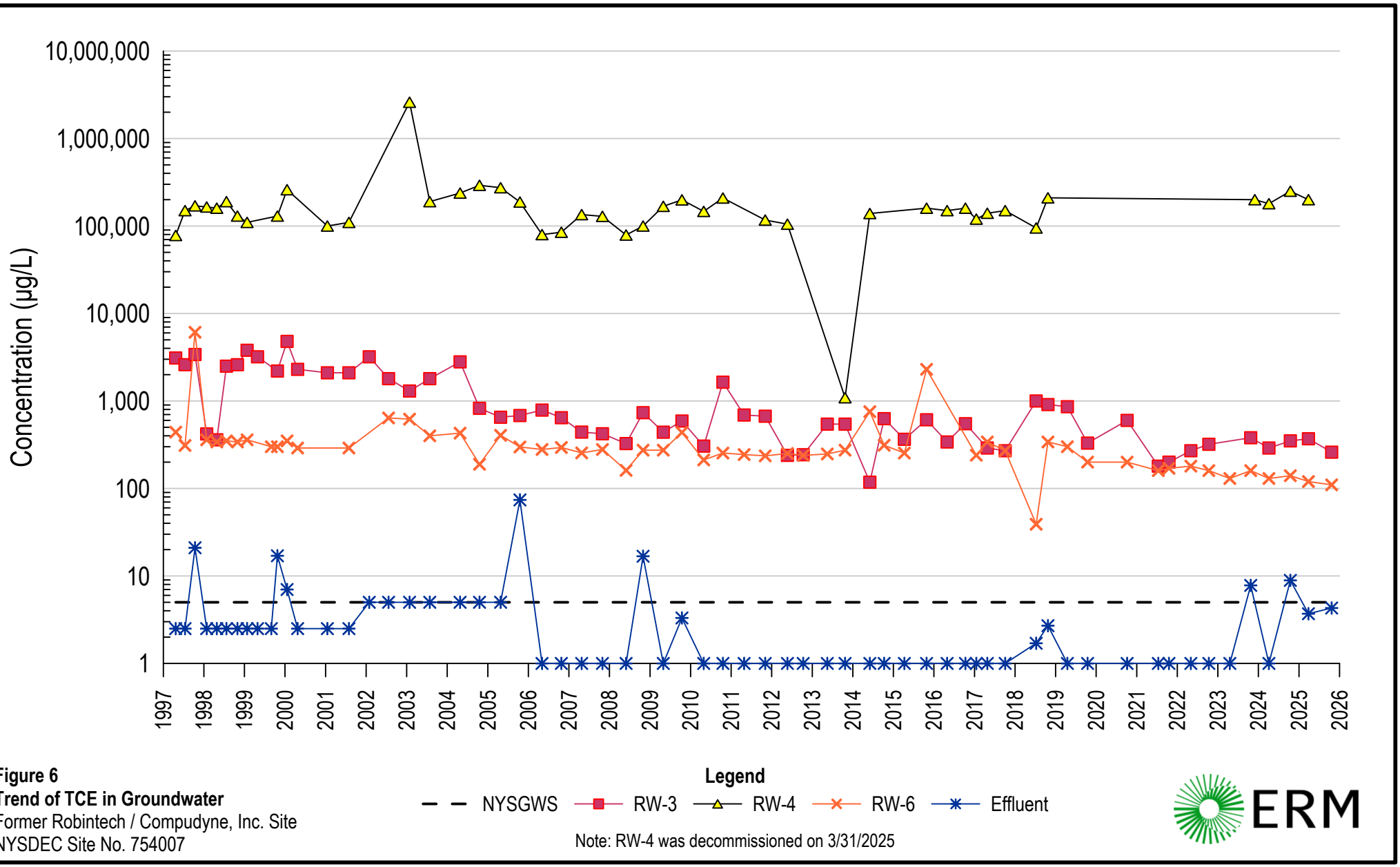


Figure 6
Trend of TCE in Groundwater
Former Robintech / Compudyne, Inc. Site
NYSDEC Site No. 754007

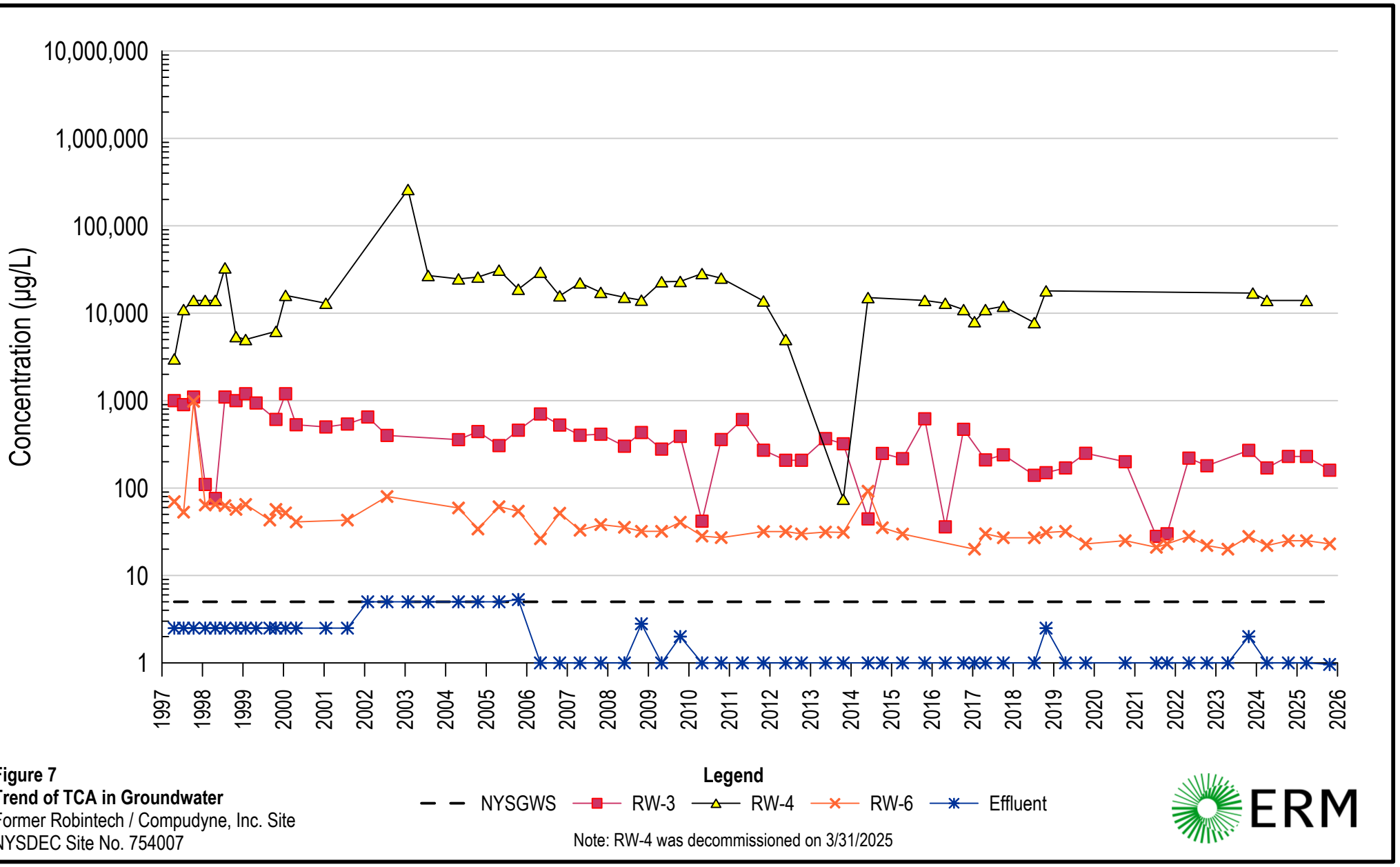
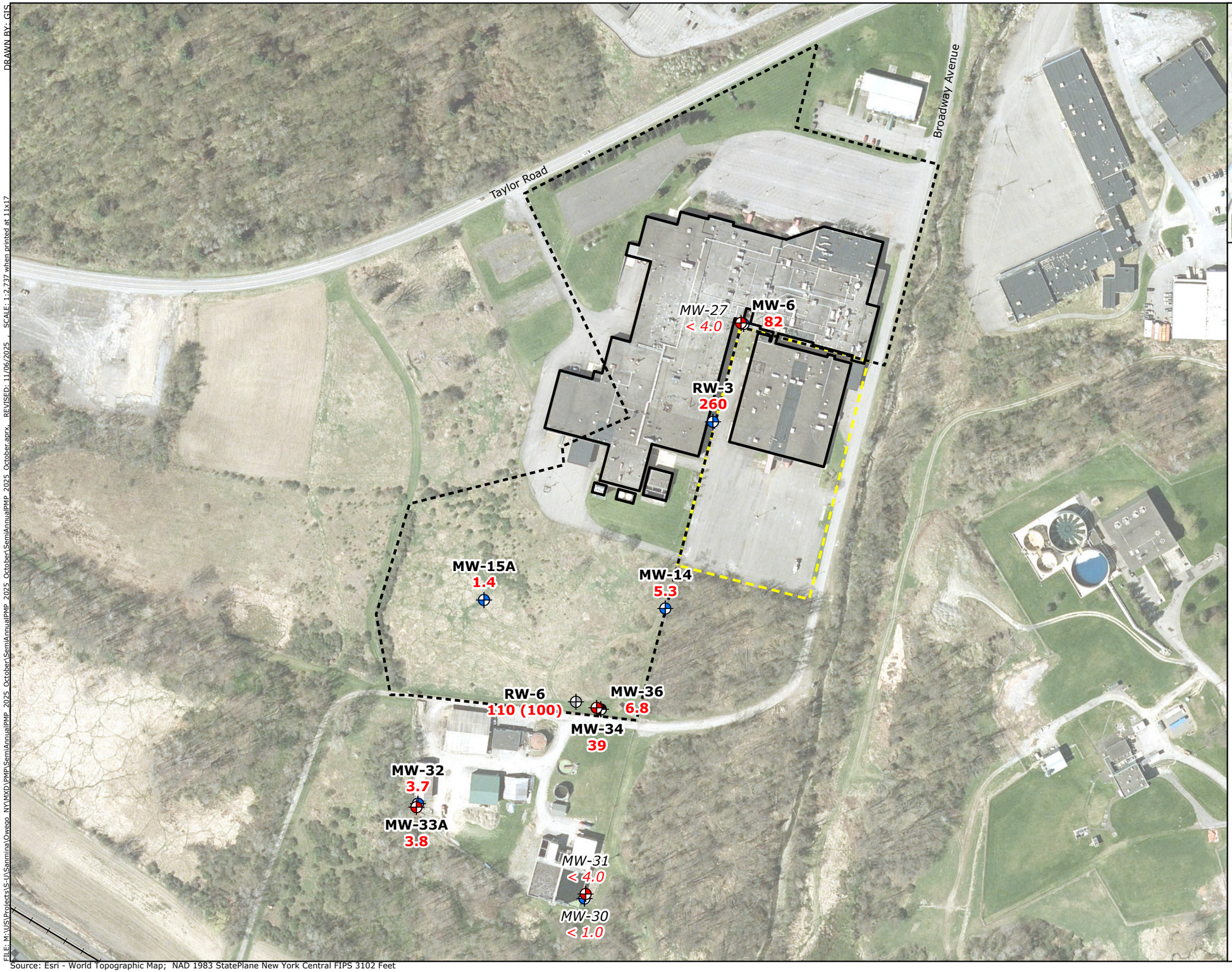
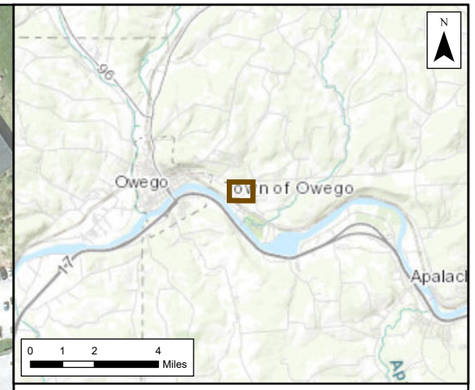


Figure 7
Trend of TCA in Groundwater
Former Robintech / Compudyne, Inc. Site
NYSDEC Site No. 754007





Legend

- Bedrock Monitoring Well
- Bedrock Recovery Well
- Deep Overburden Monitoring Well
- Shallow Overburden Monitoring Well
- 260 Trichloroethene Concentration (µg/L)
- Railroad
- Building Outline
- Broadway Complex Site Boundary
- Robintech Compudyne Site Boundary

Notes:
- µg/L = micrograms per liter
- Duplicate results are shown in parentheses.
- Groundwater samples were collected on 22 October 2025.
- Aerial Imagery: ESRI World Imagery. Reproduced under license with ArcGIS Pro 3.5.3.

N

0 110 220 440
Feet

Figure 8
Trichloroethene (TCE) in Groundwater - October 2025
Sanmina
Owego, NY

ERM

Source: Esri - World Topographic Map; NAD 1983 StatePlane New York Central FIPS 3102 Feet

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TABLES

TABLE 1
GROUNDWATER LEVEL DATA SUMMARY OCTOBER 2025
FORMER ROBINTECH / COMPUDYNE, INC. SITE
NYSDEC SITE NO. 754007

Well ID	Reference Elevation (ft amsl)	10/22/2025	
		Depth to Water (ft below TOC)	Water Elevation (ft amsl)
MW-1	842.22	8.21	834.01
MW-2	841.13	10.67	830.46
MW-3	853.80	14.78	839.02
MW-4	855.11	9.76	845.35
MW-5	848.75	NA	--
MW-6	841.25	8.03	833.22
MW-7	843.43	NA	--
MW-8	830.07	14.11	815.96
MW-9	857.75	13.96	843.79
MW-10	845.68	NA	--
MW-11	821.33	16.18	805.15
MW-12	844.59	9.08	835.51
MW-13	840.81	NA	--
MW-14	827.65	14.3	813.35
MW-15A	822.42	20.52	801.90
MW-17	840.38	8.50	831.88
MW-18	829.35	14.6	814.75
MW-19	841.26	NA	--
MW-20	829.41	14.69	814.72
MW-21	854.85	14.33	840.52
MW-23	841.32	NA	--
MW-24	840.65	9.10	831.55
MW-25	837.67	10.87	826.80
MW-26	837.73	11.85	825.88
MW-27	840.96	7.83	833.13
MW-28	837.91	21.70	816.21
MW-29	820.63	21.93	798.70
MW-30	817.73	24.67	793.06
MW-31	817.16	13.21	803.95
MW-32	816.17	17.62	798.55
MW-33A	816.00	15.73	800.27
MW-34	821.85	19.02	802.83
MW-35	821.18	NA	--
MW-36	821.61	22.80	798.81
MW-37	824.61	17.56	807.05
MW-38	824.65	14.97	809.68
RW-1	842.09	11.48	830.61
RW-2	839.71	18.04	821.67
RW-3	836.96	NA	--
RW-4	843.96	NA	--
RW-5	840.14	NA	--
RW-6	819.28	NA	--

Well ID	Reference Elevation (ft amsl)	10/22/2025	
		Depth to Water (ft below TOC)	Water Elevation (ft amsl)
MW-101	840.93	6.38	834.55
MW-102	841.21	5.75	835.46
MW-103	841.13	6.20	834.93
MW-104	841.09	6.66	834.43
MW-105	839.43	8.12	831.31
MW-106	839.56	8.99	830.57
MW-107	840.96	8.57	832.39
MW-108	839.60	11.54	828.06
MW-109	839.32	10.86	828.46
MW-110	829.47	8.86	820.61
MW-110D	829.60	10.30	819.30
MW-111	824.75	5.40	819.35
MW-111I	825.59	7.36	818.23
MW-111D	829.37	8.49	820.88
MW-112	823.05	8.08	814.97
MW-113	819.36	6.16	813.20
MW-114	819.99	15.47	804.52
MW-114D	819.56	20.49	799.07
MW-115	835.64	11.07	824.57
MW-115D	834.87	11.19	823.68
MW-116I	831.64	9.87	821.77
MW-116D	831.75	10.93	820.82
MW-117I	823.83	8.73	815.10
MW-117D	823.90	8.72	815.18
911-3	831.27	7.50	823.77
911-1	832.10	9.20	822.90
911-19	835.25	9.13	826.12
911-20	834.85	9.91	824.94
911-21	834.97	8.76	826.21
911-22	834.46	9.64	824.82
911-23	834.24	9.43	824.81
911-24	834.20	9.25	824.95
911-25	836.71	7.98	828.73
911-4	837.98	10.05	827.93
911-6	835.99	8.90	827.09
911-7	836.09	7.79	828.30
911-8	836.63	NA	--

Notes:
NA = Not accessible
-- = no data

TABLE 2
PASSIVE DIFFUSION BAG DEPLOYMENT DEPTH AND SAMPLE DATE
FORMER ROBINTECH / COMPUDYNE, INC. SITE
NYSDEC SITE NO. 754007

Monitoring Well ID	MW-6	MW-14	MW-15A	MW-27	MW-30	MW-31	MW-32	MW-33A	MW-34	MW-36
Date Sampled	10/22/2025	10/22/2025	10/22/2025	10/22/2025	10/22/2025	10/22/2025	10/22/2025	10/22/2025	10/22/2025	10/22/2025
Depth middle of PDB (ft below TOC)	18	40.5	40.5	50	92.5	8	94	11	25.5	93.75

Notes:

Passive diffusion bags were deployed on 3/27/2025

TOC = Top of casing

TABLE 3
GROUNDWATER ANALYTICAL RESULTS FOR OCTOBER 2025 SAMPLING EVENT
FORMER ROBINTECH / COMPUDYNE, INC. SITE
NYSDEC SITE NO. 754007

Analyte	NYSDEC GWQS	Location	EFFLUENT	INFLUENT	MW-6	MW-14	MW-15A	MW-27	MW-30	MW-31	MW-32	MW-33A	MW-34	MW-36	RW-3	RW-6	RW-6	+SAN-EB	SAN-TB
		Sample Date	10/22/2025	10/22/2025	10/22/2025	10/22/2025	10/22/2025	10/22/2025	10/22/2025	10/22/2025	10/22/2025	10/22/2025	10/22/2025	10/22/2025	10/23/2025	10/22/2025	10/22/2025	10/22/2025	10/22/2025
		Sample Type	N	N	N	N	N	N	N	N	N	N	N	N	N	N	FD	EB	TB
		Unit																	
Volatile Organic Compounds (VOCs)																			
1,1,1-Trichloroethane	5	ug/L	0.96 J	23	2.4	15	< 2.0	< 4.0	< 1.0	< 4.0	3.7	< 4.0	< 8.0	< 1.0	160	23	21	< 1.0	< 1.0
1,1,2,2-Tetrachloroethane	5	ug/L	< 1.0	< 2.0	< 1.0	< 2.0	< 2.0	< 4.0	< 1.0	< 4.0	< 1.0	< 4.0	< 8.0	< 1.0	< 10 TH	< 4.0	< 2.0	< 1.0	< 1.0
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	5	ug/L	< 1.0	< 2.0	< 1.0	< 2.0	< 2.0	< 4.0	< 1.0	< 4.0	< 1.0	< 4.0	< 8.0	< 1.0	< 10	< 4.0	< 2.0	< 1.0	< 1.0
1,1,2-Trichloroethane	1	ug/L	< 1.0	< 2.0	< 1.0	< 2.0	< 2.0	< 4.0	< 1.0	< 4.0	< 1.0	< 4.0	< 8.0	< 1.0	< 10	< 4.0	< 2.0	< 1.0	< 1.0
1,1-Dichloroethane	5	ug/L	0.89 J	13	4.9	3.0	< 2.0	< 4.0	< 1.0	< 4.0	0.60 J	< 4.0	< 8.0	0.86 J	65	14	12	< 1.0	< 1.0
1,1-Dichloroethene	5	ug/L	< 1.0	9.7	1.9	< 2.0	< 2.0	< 4.0	< 1.0	< 4.0	< 1.0	< 4.0	< 8.0	< 1.0	18	9.8	9.3	< 1.0	< 1.0
1,2,4-Trichlorobenzene	5	ug/L	< 1.0	< 2.0	< 1.0	< 2.0	< 2.0	< 4.0	< 1.0	< 4.0	< 1.0	< 4.0	< 8.0	< 1.0	< 10	< 4.0	< 2.0	< 1.0	< 1.0
1,2-Dibromo-3-chloropropane	0.04	ug/L	< 1.0	< 2.0	< 1.0	< 2.0	< 2.0	< 4.0	< 1.0	< 4.0	< 1.0	< 4.0	< 8.0	< 1.0	< 10	< 4.0	< 2.0	< 1.0	< 1.0
1,2-Dichlorobenzene	3	ug/L	< 1.0	< 2.0	< 1.0	< 2.0	< 2.0	< 4.0	< 1.0	< 4.0	< 1.0	< 4.0	< 8.0	< 1.0	< 10	< 4.0	< 2.0	< 1.0	< 1.0
1,2-Dichloroethane	0.6	ug/L	< 1.0	< 2.0	< 1.0	< 2.0	< 2.0	< 4.0	< 1.0	< 4.0	< 1.0	< 4.0	< 8.0	< 1.0	< 10	< 4.0	< 2.0	< 1.0	< 1.0
1,2-Dichloropropane	1	ug/L	< 1.0	< 2.0	< 1.0	< 2.0	< 2.0	< 4.0	< 1.0	< 4.0	< 1.0	< 4.0	< 8.0	< 1.0	< 10	< 4.0	< 2.0	< 1.0	< 1.0
1,3-Dichlorobenzene	3	ug/L	< 1.0	< 2.0	< 1.0	< 2.0	< 2.0	< 4.0	< 1.0	< 4.0	< 1.0	< 4.0	< 8.0	< 1.0	< 10	< 4.0	< 2.0	< 1.0	< 1.0
1,4-Dichlorobenzene	3	ug/L	< 1.0	< 2.0	< 1.0	< 2.0	< 2.0	< 4.0	< 1.0	< 4.0	< 1.0	< 4.0	< 8.0	< 1.0	< 10	< 4.0	< 2.0	< 1.0	< 1.0
2-Butanone (Methyl ethyl ketone)	50	ug/L	< 10	< 20	< 10	< 20	6.0 J	< 40	< 10	< 40	< 10	< 40	< 80	< 10	< 100	< 40	< 20	< 10	< 10
2-Hexanone	50	ug/L	< 5.0 TH	< 10 TH	< 5.0 TH	< 10 TH	< 10 TH	< 20 TH	< 5.0 TH	< 20 TH	< 5.0 TH	< 20 TH	< 40 TH	< 5.0 TH	< 50 TH	< 20 TH	< 10 TH	< 5.0 TH	< 5.0 TH
4-Methyl-2-pentanone	NS	ug/L	< 5.0 TH	< 10 TH	< 5.0 TH	< 10 TH	< 10	< 20	< 5.0 TH	< 20	< 5.0 TH	< 20 TH	< 40 TH	< 5.0 TH	< 50 TH	< 20 TH	< 10 TH	< 5.0 TH	< 5.0 TH
Acetone	50	ug/L	< 10	< 20	200	410	950	1400	420	980	170	1100	1300	340	< 100	< 40	< 20	11	< 10
Benzene	1	ug/L	< 1.0	< 2.0	< 1.0	< 2.0	< 2.0	< 4.0	< 1.0	< 4.0	< 1.0	< 4.0	< 8.0	< 1.0	< 10	< 4.0	< 2.0	< 1.0	< 1.0
Bromodichloromethane	50	ug/L	< 1.0	< 2.0	< 1.0	< 2.0	< 2.0	< 4.0	< 1.0	< 4.0	< 1.0	< 4.0	< 8.0	< 1.0	< 10	< 4.0	< 2.0	< 1.0	< 1.0
Bromoform	50	ug/L	< 1.0	< 2.0	< 1.0	< 2.0	< 2.0	< 4.0	< 1.0	< 4.0	< 1.0	< 4.0	< 8.0	< 1.0	< 10	< 4.0	< 2.0	< 1.0	< 1.0
Bromomethane	5	ug/L	< 1.0	< 2.0	< 1.0	< 2.0	< 2.0	< 4.0	< 1.0	< 4.0	< 1.0	< 4.0	< 8.0	< 1.0	< 10	< 4.0	< 2.0	< 1.0	< 1.0
Carbon disulfide	60	ug/L	< 1.0	< 2.0	< 1.0	< 2.0	< 2.0	< 4.0	< 1.0	< 4.0	< 1.0	< 4.0	< 8.0	< 1.0	< 10	< 4.0	< 2.0	< 1.0	< 1.0
Carbon tetrachloride	5	ug/L	< 1.0	< 2.0	< 1.0	< 2.0	< 2.0	< 4.0	< 1.0	< 4.0	< 1.0	< 4.0	< 8.0	< 1.0	< 10	< 4.0	< 2.0	< 1.0	< 1.0
Chlorobenzene	5	ug/L	< 1.0	< 2.0	< 1.0	< 2.0	< 2.0	< 4.0	< 1.0	< 4.0	< 1.0	< 4.0	< 8.0	< 1.0	< 10	< 4.0	< 2.0	< 1.0	< 1.0
Chloroethane	5	ug/L	< 1.0	< 2.0	< 1.0	< 2.0	< 2.0	< 4.0	< 1.0	< 4.0	< 1.0	< 4.0	< 8.0	< 1.0	< 10	< 4.0	< 2.0	< 1.0	< 1.0
Chloroform	7	ug/L	< 1.0	< 2.0	< 1.0	< 2.0	< 2.0	< 4.0	< 1.0	< 4.0	< 1.0	< 4.0	< 8.0	< 1.0	< 10	< 4.0	< 2.0	< 1.0	< 1.0
Chloromethane	5	ug/L	< 1.0	< 2.0	< 1.0	< 2.0	< 2.0	< 4.0	< 1.0	< 4.0	< 1.0	< 4.0	< 8.0	< 1.0	< 10 TH	< 4.0	< 2.0	< 1.0	< 1.0
cis-1,2-Dichloroethene	5	ug/L	4.2	40	22	7.9	< 2.0	< 4.0	< 1.0	< 4.0	< 1.0	< 4.0	< 8.0	1.9	240	43	39	< 1.0	< 1.0
cis-1,3-Dichloropropene	0.4	ug/L	< 1.0	< 2.0	< 1.0	< 2.0	< 2.0	< 4.0	< 1.0	< 4.0	< 1.0	< 4.0	< 8.0	< 1.0	< 10	< 4.0	< 2.0	< 1.0	< 1.0
Cyclohexane	NS	ug/L	< 1.0	< 2.0	0.57 J	< 2.0	< 2.0	< 4.0	0.22 J	< 4.0	< 1.0	< 4.0	< 8.0	0.25 J	< 10	< 4.0	< 2.0	< 1.0	< 1.0
Dibromochloromethane	50	ug/L	< 1.0	< 2.0	< 1.0	< 2.0	< 2.0	< 4.0	< 1.0	< 4.0	< 1.0	< 4.0	< 8.0	< 1.0	< 10	< 4.0	< 2.0	< 1.0	< 1.0
Dichlorodifluoromethane (Freon 12)	5	ug/L	< 1.0	< 2.0	< 1.0	< 2.0	< 2.0	< 4.0	< 1.0	< 4.0	< 1.0	< 4.0	< 8.0	< 1.0	< 10	< 4.0	< 2.0	< 1.0	< 1.0
Ethylbenzene	5	ug/L	< 1.0	< 2.0	< 1.0	< 2.0	< 2.0	< 4.0	< 1.0	< 4.0	< 1.0	< 4.0	< 8.0	< 1.0	< 10	< 4.0	< 2.0	< 1.0	< 1.0
Ethylene dibromide	0.0006	ug/L	< 1.0	< 2.0	< 1.0	< 2.0	< 2.0	< 4.0	< 1.0	< 4.0	< 1.0	< 4.0	< 8.0	< 1.0	< 10	< 4.0	< 2.0	< 1.0	< 1.0
Isopropylbenzene (Cumene)	5	ug/L	< 1.0	< 2.0	< 1.0	< 2.0	< 2.0	< 4.0	< 1.0	< 4.0	< 1.0	< 4.0	< 8.0	< 1.0	< 10	< 4.0	< 2.0	< 1.0	< 1.0
Methyl acetate	NS	ug/L	< 2.5	< 5.0	< 2.5	< 5.0	< 5.0	< 10	< 2.5	< 10	< 2.5	< 10	< 20	< 2.5	< 25	< 10	< 5.0	< 2.5	< 2.5
Methyl tert-butyl ether	10	ug/L	< 1.0	< 2.0	< 1.0	< 2.0	< 2.0	< 4.0	< 1.0	< 4.0	< 1.0	< 4.0	< 8.0	< 1.0	< 10	< 4.0	< 2.0	< 1.0	< 1.0
Methylcyclohexane	NS	ug/L	< 1.0	< 2.0	< 1.0	< 2.0	< 2.0	< 4.0	< 1.0	< 4.0	< 1.0	< 4.0	< 8.0	< 1.0	< 10	< 4.0	< 2.0	< 1.0	< 1.0
Methylene chloride	5	ug/L	< 1.0	< 2.0	< 1.0	< 2.0	< 2.0	< 4.0	< 1.0	< 4.0	< 1.0	< 4.0	< 8.0	< 1.0	< 10	< 4.0	< 2.0	< 1.0	< 1.0
Styrene	5	ug/L	< 1.0	< 2.0	< 1.0	< 2.0	< 2.0	< 4.0	< 1.0	< 4.0	< 1.0	< 4.0	< 8.0	< 1.0	< 10	< 4.0	< 2.0	< 1.0	< 1.0
Tetrachloroethene	5	ug/L	< 1.0	< 2.0	< 1.0	< 2.0	< 2.0	< 4.0	< 1.0	< 4.0	< 1.0	< 4.0	< 8.0	< 1.0	< 10	< 4.0	< 2.0	< 1.0	< 1.0
Toluene	5	ug/L	< 1.0	< 2.0	< 1.0	< 2.0	< 2.0	< 4.0	< 1.0	< 4.0	< 1.0	< 4.0	< 8.0	< 1.0	< 10	< 4.0	< 2.0	< 1.0	< 1.0
trans-1,2-Dichloroethene	5	ug/L	< 1.0	< 2.0	< 1.0	< 2.0	< 2.0	< 4.0	< 1.0	< 4.0	< 1.0	< 4.0	< 8.0	< 1.0	< 10	< 4.0	< 2.0	< 1.0	< 1.0
trans-1,3-Dichloropropene	0.4	ug/L	< 1.0	< 2.0	< 1.0	< 2.0	< 2.0	< 4.0	< 1.0	< 4.0	< 1.0	< 4.0	< 8.0	< 1.0	< 10	< 4.0	< 2.0	< 1.0	< 1.0
Trichloroethene	5	ug/L	4.3	110	82	5.3	1.4 J	< 4.0	< 1.0	< 4.0	3.7	3.8 J	39	6.8	260	110	100	< 1.0	< 1.0
Trichlorofluoromethane (Freon 11)	5	ug/L	< 1.0	< 2.0	< 1.0	< 2.0	< 2.0	< 4.0	< 1.0	< 4.0	< 1.0	< 4.0	< 8.0	< 1.0	< 10	< 4.0	< 2.0	< 1.0	< 1.0
Vinyl chloride	2	ug/L	< 1.0	< 2.0	6.5	< 2.0	< 2.0	< 4.0	< 1.0	< 4.0	< 1.0	< 4.0	< 8.0	< 1.0	< 10	< 4.0	< 2.0	< 1.0	< 1.0
Xylene, Total	5	ug/L	< 2.0	< 4.0	< 2.0	< 4.0	< 4.0	< 8.0	< 2.0	< 8.0	< 2.0	< 8.0	< 16	< 2.0	< 20	< 8.0	< 4.0	< 2.0	< 2.0
Tentatively Identified Compounds (TICs)																			
Isopropyl alcohol	NS	ug/L	NA	NA	70 TJN	NA	43 TJN	NA	42 TJN	28 TJN	NA	NA	NA	NA	340	NA	NA	NA	NA
TICs (Calculated), Total	NS	ug/L	0	0	70 TJN	51 TJ	43 TJN	26 TJ	42 TJN	28 TJN	0	18 TJ	35 TJ	75 TJ	340	0	0	0	0
Unknown TIC1	NS	ug/L	NA	NA	NA	51 TJ	NA	26 TJ	NA	NA	NA	18 TJ	35 TJ	75 TJ	NA	NA	NA	NA	NA

Notes:
NYSDEC GWQS: New York State Department of Conservation Ground Water Quality Standards per Division of Water Technical and Operational Guidelines Series (TOGS) No. 1.1.1
Duplicate sample collected from RW-6
< = Compound not detected above the laboratory reporting detection limit. The laboratory reporting detection limit is shown.
+ = Equipment blank data was reported from same water used to fill PDBs collected during this sampling event.
N = Normal environmental sample
FD = Field duplicate sample
TB = Trip blank sample
EB = Equipment blank sample
NA = Not analyzed
ug/L = micrograms per liter
J = The analyte was positively identified; associated numerical value is the approximate concentration of the analyte in the sample
TH = QC Recovey is outside acceptable limits biased high
TJ = Result is TIC and an estimated value or quality control parameter has exeeded lab limits; result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value
TJN = Result is TIC and an estimated value or quality control parameter has exeeded lab limits; result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value; Presumptive evidence of material
Bold values indicate a detection above the laboratory reporting detection limit
= indicates a detection above the NYSDEC GWQS or a laboratory reporting detection limit above the NYSDEC GWQS

ATTACHMENT A

OCTOBER 2025 ANALYTICAL REPORT

eurofins | Environment Testing

ANALYTICAL REPORT

PREPARED FOR

Attn: Mr. Robert Sents
ERM-Northeast
5784 Widewaters Pkwy
Dewitt, New York 13214

Generated 11/3/2025 11:51:32 AM

JOB DESCRIPTION

Sanmina Investigation - Owego, NY

JOB NUMBER

480-233902-1

Eurofins Buffalo
10 Hazelwood Drive
Amherst NY 14228-2298

See page two for job notes and contact information.

Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Environment Testing Northeast, LLC Project Manager.

Authorization

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Authorized for release by
John Schove, Project Manager II
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Table of Contents

Definitions/Glossary

Client: ERM-Northeast
Job ID: 480-233902-1
Project/Site: Sanmina Investigation - Owego, NY

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
J	Reported value is estimated.
TH	QC Recovey is outside acceptable limits biased High.
U	Indicates the analyte was analyzed for but not detected.

GC/MS VOA TICs

Qualifier	Qualifier Description
J	Reported value is estimated.
N	This flag indicates the presumptive evidence of a compound.
T	Result is a tentatively identified compound (TIC) and an estimated value.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Job Narrative
480-233902-1

The analytical test results presented in this report meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page, unless otherwise noted. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable. Regulated compliance samples (e.g. SDWA, NPDES) must comply with associated agency requirements/permits.

- Matrix-specific batch QC (e.g., MS, MSD, SD) may not be reported when insufficient sample volume is available or when site-specific QC samples are not submitted. In such cases, a Laboratory Control Sample Duplicate (LCSD) may be analyzed to provide precision data for the batch.
- For samples analyzed using surrogate and/or isotope dilution analytes, any recoveries falling outside of established acceptance criteria are re-prepared and/or re-analyzed to confirm results, unless the deviation is due to sample dilution or otherwise explained in the case narrative.

Receipt
The samples were received on 10/24/2025 10:00 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 2.3°C.

GC/MS VOA
Method 8260C: The following samples were diluted to bring the concentration of target analytes within the calibration range: SAN-RW-3(10232025) (480-233902-5), SAN-MW-34(10222025) (480-233902-8), SAN-RW-6(10222025) (480-233902-9), SAN-MW-33A(10222025) (480-233902-12), SAN-INF(10222025) (480-233902-15), SAN-DUP(10222025) (480-233902-16), (480-233902-A-5 MS) and (480-233902-A-5 MSD). Elevated reporting limits (RLs) are provided.

Method 8260C: The continuing calibration verification (CCV) associated with batch 760942 recovered above the upper control limit for 2-Hexanone, Chloromethane, 4-Methyl-2-pentanone (MIBK), and 2-Butanone (MEK). The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated samples are:SAN-TB(10222025) (480-233902-1), SAN-EB(10222025) (480-233902-2), SAN-MW-6(10222025) (480-233902-4), SAN-RW-3(10232025) (480-233902-5), SAN-MW-14(10222025) (480-233902-6), SAN-MW-36(10222025) (480-233902-7), SAN-MW-34(10222025) (480-233902-8), SAN-RW-6(10222025) (480-233902-9), SAN-MW-32(10222025) (480-233902-11), SAN-MW-33A(10222025) (480-233902-12), SAN-MW-30(10222025) (480-233902-14), SAN-INF(10222025) (480-233902-15), SAN-DUP(10222025) (480-233902-16) and SAN-EFF(10222025) (480-233902-17).

Method 8260C: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for analytical batch 480-760942 were outside control limits for one or more analytes. See QC Sample Results for detail. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within acceptance limits.

Method 8260C: The laboratory control sample (LCS) for analytical batch 480-760942 recovered outside control limits for the following analytes: 2-Hexanone and 4-Methyl-2-pentanone (MIBK). These analytes were biased high in the LCS and were not detected in the associated samples; therefore, the data have been reported. The associated samples are:SAN-TB(10222025) (480-233902-1), SAN-EB(10222025) (480-233902-2), SAN-MW-6(10222025) (480-233902-4), SAN-RW-3(10232025) (480-233902-5), SAN-MW-14(10222025) (480-233902-6), SAN-MW-36(10222025) (480-233902-7), SAN-MW-34(10222025) (480-233902-8), SAN-RW-6(10222025) (480-233902-9), SAN-MW-32(10222025) (480-233902-11), SAN-MW-33A(10222025) (480-233902-12), SAN-MW-30(10222025) (480-233902-14), SAN-INF(10222025) (480-233902-15), SAN-DUP(10222025) (480-233902-16) and SAN-EFF(10222025) (480-233902-17).

Method 8260C: The following samples were diluted to bring the concentration of target analytes within the calibration range: SAN-MW-27(10222025) (480-233902-3), SAN-MW-15A(10222025) (480-233902-10) and SAN-MW-31(10222025 (480-233902-13). Elevated reporting limits (RLs) are provided.

Method 8260C: The continuing calibration verification (CCV) associated with batch 761052 recovered above the upper control limit for 2-Hexanone, Vinyl chloride, Chloromethane, 4-Methyl-2-pentanone (MIBK), and 2-Butanone (MEK). The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated samples are:SAN-MW-27(10222025) (480-233902-3), SAN-MW-15A(10222025) (480-233902-10) and SAN-MW-31(10222025 (480-233902-13).

Method 8260C: The laboratory control sample (LCS) for analytical batch 480-761052 recovered outside control limits for the following analytes: 2-Hexanone. These analytes were biased high in the LCS and were not detected in the associated samples;

Job ID: 480-233902-1 (Continued) Eurofins Buffalo

therefore, the data have been reported. The associated samples are:SAN-MW-27(10222025) (480-233902-3), SAN-MW-15A(10222025) (480-233902-10) and SAN-MW-31(10222025 (480-233902-13).

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Detection Summary

Client: ERM-Northeast
Job ID: 480-233902-1
Project/Site: Sanmina Investigation - Owego, NY

Client Sample ID: SAN-TB(10222025) — Lab Sample ID: 480-233902-1

No Detections.

Client Sample ID: SAN-EB(10222025) — Lab Sample ID: 480-233902-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	11		10	3.0	ug/L	1		8260C	Total/NA

Client Sample ID: SAN-MW-27(10222025) — Lab Sample ID: 480-233902-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	1400		40	12	ug/L	4		8260C	Total/NA

Client Sample ID: SAN-MW-6(10222025) — Lab Sample ID: 480-233902-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1,1-Trichloroethane	2.4		1.0	0.82	ug/L	1		8260C	Total/NA
1,1-Dichloroethane	4.9		1.0	0.38	ug/L	1		8260C	Total/NA
1,1-Dichloroethene	1.9		1.0	0.29	ug/L	1		8260C	Total/NA
Acetone	200		10	3.0	ug/L	1		8260C	Total/NA
cis-1,2-Dichloroethene	22		1.0	0.81	ug/L	1		8260C	Total/NA
Cyclohexane	0.57	J	1.0	0.18	ug/L	1		8260C	Total/NA
Trichloroethene	82		1.0	0.46	ug/L	1		8260C	Total/NA
Vinyl chloride	6.5		1.0	0.90	ug/L	1		8260C	Total/NA

Client Sample ID: SAN-RW-3(10232025) — Lab Sample ID: 480-233902-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1,1-Trichloroethane	160		10	8.2	ug/L	10		8260C	Total/NA
1,1-Dichloroethane	65		10	3.8	ug/L	10		8260C	Total/NA
1,1-Dichloroethene	18		10	2.9	ug/L	10		8260C	Total/NA
cis-1,2-Dichloroethene	240		10	8.1	ug/L	10		8260C	Total/NA
Trichloroethene	260		10	4.6	ug/L	10		8260C	Total/NA

Client Sample ID: SAN-MW-14(10222025) — Lab Sample ID: 480-233902-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1,1-Trichloroethane	15		2.0	1.6	ug/L	2		8260C	Total/NA
1,1-Dichloroethane	3.0		2.0	0.76	ug/L	2		8260C	Total/NA
Acetone	410		20	6.0	ug/L	2		8260C	Total/NA
cis-1,2-Dichloroethene	7.9		2.0	1.6	ug/L	2		8260C	Total/NA
Trichloroethene	5.3		2.0	0.92	ug/L	2		8260C	Total/NA

Client Sample ID: SAN-MW-36(10222025) — Lab Sample ID: 480-233902-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	0.86	J	1.0	0.38	ug/L	1		8260C	Total/NA
Acetone	340		10	3.0	ug/L	1		8260C	Total/NA
cis-1,2-Dichloroethene	1.9		1.0	0.81	ug/L	1		8260C	Total/NA
Cyclohexane	0.25	J	1.0	0.18	ug/L	1		8260C	Total/NA
Trichloroethene	6.8		1.0	0.46	ug/L	1		8260C	Total/NA

Client Sample ID: SAN-MW-34(10222025) — Lab Sample ID: 480-233902-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	1300		80	24	ug/L	8		8260C	Total/NA
Trichloroethene	39		8.0	3.7	ug/L	8		8260C	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins Buffalo

Detection Summary

Client: ERM-Northeast
Job ID: 480-233902-1
Project/Site: Sanmina Investigation - Owego, NY

Client Sample ID: SAN-RW-6(10222025) — Lab Sample ID: 480-233902-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1,1-Trichloroethane	23		4.0	3.3	ug/L	4		8260C	Total/NA
1,1-Dichloroethane	14		4.0	1.5	ug/L	4		8260C	Total/NA
1,1-Dichloroethene	9.8		4.0	1.2	ug/L	4		8260C	Total/NA
cis-1,2-Dichloroethene	43		4.0	3.2	ug/L	4		8260C	Total/NA
Trichloroethene	110		4.0	1.8	ug/L	4		8260C	Total/NA

Client Sample ID: SAN-MW-15A(10222025) — Lab Sample ID: 480-233902-10

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
2-Butanone (MEK)	6.0	J	20	2.6	ug/L	2		8260C	Total/NA
Acetone	950		20	6.0	ug/L	2		8260C	Total/NA
Trichloroethene	1.4	J	2.0	0.92	ug/L	2		8260C	Total/NA

Client Sample ID: SAN-MW-32(10222025) — Lab Sample ID: 480-233902-11

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1,1-Trichloroethane	3.7		1.0	0.82	ug/L	1		8260C	Total/NA
1,1-Dichloroethane	0.60	J	1.0	0.38	ug/L	1		8260C	Total/NA
Acetone	170		10	3.0	ug/L	1		8260C	Total/NA
Trichloroethene	3.7		1.0	0.46	ug/L	1		8260C	Total/NA

Client Sample ID: SAN-MW-33A(10222025) — Lab Sample ID: 480-233902-12

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	1100		40	12	ug/L	4		8260C	Total/NA
Trichloroethene	3.8	J	4.0	1.8	ug/L	4		8260C	Total/NA

Client Sample ID: SAN-MW-31(10222025 — Lab Sample ID: 480-233902-13

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	980		40	12	ug/L	4		8260C	Total/NA

Client Sample ID: SAN-MW-30(10222025) — Lab Sample ID: 480-233902-14

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	420		10	3.0	ug/L	1		8260C	Total/NA
Cyclohexane	0.22	J	1.0	0.18	ug/L	1		8260C	Total/NA

Client Sample ID: SAN-INF(10222025) — Lab Sample ID: 480-233902-15

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1,1-Trichloroethane	23		2.0	1.6	ug/L	2		8260C	Total/NA
1,1-Dichloroethane	13		2.0	0.76	ug/L	2		8260C	Total/NA
1,1-Dichloroethene	9.7		2.0	0.58	ug/L	2		8260C	Total/NA
cis-1,2-Dichloroethene	40		2.0	1.6	ug/L	2		8260C	Total/NA
Trichloroethene	110		2.0	0.92	ug/L	2		8260C	Total/NA

Client Sample ID: SAN-DUP(10222025) — Lab Sample ID: 480-233902-16

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1,1-Trichloroethane	21		2.0	1.6	ug/L	2		8260C	Total/NA
1,1-Dichloroethane	12		2.0	0.76	ug/L	2		8260C	Total/NA
1,1-Dichloroethene	9.3		2.0	0.58	ug/L	2		8260C	Total/NA
cis-1,2-Dichloroethene	39		2.0	1.6	ug/L	2		8260C	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins Buffalo

Client Sample ID: SAN-DUP(10222025) (Continued) — Lab Sample ID: 480-233902-16

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Trichloroethene	100		2.0	0.92	ug/L	2		8260C	Total/NA

Client Sample ID: SAN-EFF(10222025) — Lab Sample ID: 480-233902-17

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1,1-Trichloroethane	0.96	J	1.0	0.82	ug/L	1		8260C	Total/NA
1,1-Dichloroethane	0.89	J	1.0	0.38	ug/L	1		8260C	Total/NA
cis-1,2-Dichloroethene	4.2		1.0	0.81	ug/L	1		8260C	Total/NA
Trichloroethene	4.3		1.0	0.46	ug/L	1		8260C	Total/NA

This Detection Summary does not include radiochemical test results.

Client: ERM-Northeast
Job ID: 480-233902-1
Project/Site: Sanmina Investigation - Owego, NY

Client Sample ID: SAN-TB(10222025)
Lab Sample ID: 480-233902-1
Date Collected: 10/22/25 08:55
Matrix: Water
Date Received: 10/24/25 10:00

Method: SW846 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.0	U	1.0	0.82	ug/L			10/28/25 14:09	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.21	ug/L			10/28/25 14:09	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.31	ug/L			10/28/25 14:09	1
1,1,2-Trichloroethane	1.0	U	1.0	0.23	ug/L			10/28/25 14:09	1
1,1-Dichloroethane	1.0	U	1.0	0.38	ug/L			10/28/25 14:09	1
1,1-Dichloroethene	1.0	U	1.0	0.29	ug/L			10/28/25 14:09	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.41	ug/L			10/28/25 14:09	1
1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.39	ug/L			10/28/25 14:09	1
1,2-Dibromoethane	1.0	U	1.0	0.73	ug/L			10/28/25 14:09	1
1,2-Dichlorobenzene	1.0	U	1.0	0.79	ug/L			10/28/25 14:09	1
1,2-Dichloroethane	1.0	U	1.0	0.21	ug/L			10/28/25 14:09	1
1,2-Dichloropropane	1.0	U	1.0	0.72	ug/L			10/28/25 14:09	1
1,3-Dichlorobenzene	1.0	U	1.0	0.78	ug/L			10/28/25 14:09	1
1,4-Dichlorobenzene	1.0	U	1.0	0.84	ug/L			10/28/25 14:09	1
2-Butanone (MEK)	10	U	10	1.3	ug/L			10/28/25 14:09	1
2-Hexanone	5.0	U TH	5.0	1.2	ug/L			10/28/25 14:09	1
4-Methyl-2-pentanone (MIBK)	5.0	U TH	5.0	2.1	ug/L			10/28/25 14:09	1
Acetone	10	U	10	3.0	ug/L			10/28/25 14:09	1
Benzene	1.0	U	1.0	0.41	ug/L			10/28/25 14:09	1
Bromodichloromethane	1.0	U	1.0	0.39	ug/L			10/28/25 14:09	1
Bromoform	1.0	U	1.0	0.26	ug/L			10/28/25 14:09	1
Bromomethane	1.0	U	1.0	0.69	ug/L			10/28/25 14:09	1
Carbon disulfide	1.0	U	1.0	0.19	ug/L			10/28/25 14:09	1
Carbon tetrachloride	1.0	U	1.0	0.27	ug/L			10/28/25 14:09	1
Chlorobenzene	1.0	U	1.0	0.75	ug/L			10/28/25 14:09	1
Chloroethane	1.0	U	1.0	0.32	ug/L			10/28/25 14:09	1
Chloroform	1.0	U	1.0	0.34	ug/L			10/28/25 14:09	1
Chloromethane	1.0	U	1.0	0.35	ug/L			10/28/25 14:09	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.81	ug/L			10/28/25 14:09	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.36	ug/L			10/28/25 14:09	1
Cyclohexane	1.0	U	1.0	0.18	ug/L			10/28/25 14:09	1
Dibromochloromethane	1.0	U	1.0	0.32	ug/L			10/28/25 14:09	1
Dichlorodifluoromethane	1.0	U	1.0	0.68	ug/L			10/28/25 14:09	1
Ethylbenzene	1.0	U	1.0	0.74	ug/L			10/28/25 14:09	1
Isopropylbenzene	1.0	U	1.0	0.79	ug/L			10/28/25 14:09	1
Methyl acetate	2.5	U	2.5	1.3	ug/L			10/28/25 14:09	1
Methyl tert-butyl ether	1.0	U	1.0	0.16	ug/L			10/28/25 14:09	1
Methylcyclohexane	1.0	U	1.0	0.16	ug/L			10/28/25 14:09	1
Methylene Chloride	1.0	U	1.0	0.44	ug/L			10/28/25 14:09	1
Styrene	1.0	U	1.0	0.73	ug/L			10/28/25 14:09	1
Tetrachloroethene	1.0	U	1.0	0.36	ug/L			10/28/25 14:09	1
Toluene	1.0	U	1.0	0.51	ug/L			10/28/25 14:09	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.90	ug/L			10/28/25 14:09	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.37	ug/L			10/28/25 14:09	1
Trichloroethene	1.0	U	1.0	0.46	ug/L			10/28/25 14:09	1
Trichlorofluoromethane	1.0	U	1.0	0.88	ug/L			10/28/25 14:09	1
Vinyl chloride	1.0	U	1.0	0.90	ug/L			10/28/25 14:09	1
Xylenes, Total	2.0	U	2.0	0.66	ug/L			10/28/25 14:09	1

Client: ERM-Northeast
Project/Site: Sanmina Investigation - Owego, NY

Job ID: 480-233902-1

Client Sample ID: SAN-TB(10222025)

Lab Sample ID: 480-233902-1
Date Collected: 10/22/25 08:55
Matrix: Water
Date Received: 10/24/25 10:00

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Tentatively Identified Compound	None		ug/L			N/A		10/28/25 14:09	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	108		77 - 120		10/28/25 14:09	1
4-Bromofluorobenzene (Surr)	96		73 - 120		10/28/25 14:09	1
Dibromofluoromethane (Surr)	97		75 - 123		10/28/25 14:09	1
Toluene-d8 (Surr)	95		80 - 120		10/28/25 14:09	1

Client Sample ID: SAN-EB(10222025)

Lab Sample ID: 480-233902-2
Date Collected: 10/22/25 09:00
Matrix: Water
Date Received: 10/24/25 10:00

Method: SW846 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.0	U	1.0	0.82	ug/L			10/28/25 14:33	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.21	ug/L			10/28/25 14:33	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.31	ug/L			10/28/25 14:33	1
1,1,2-Trichloroethane	1.0	U	1.0	0.23	ug/L			10/28/25 14:33	1
1,1-Dichloroethane	1.0	U	1.0	0.38	ug/L			10/28/25 14:33	1
1,1-Dichloroethene	1.0	U	1.0	0.29	ug/L			10/28/25 14:33	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.41	ug/L			10/28/25 14:33	1
1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.39	ug/L			10/28/25 14:33	1
1,2-Dibromoethane	1.0	U	1.0	0.73	ug/L			10/28/25 14:33	1
1,2-Dichlorobenzene	1.0	U	1.0	0.79	ug/L			10/28/25 14:33	1
1,2-Dichloroethane	1.0	U	1.0	0.21	ug/L			10/28/25 14:33	1
1,2-Dichloropropane	1.0	U	1.0	0.72	ug/L			10/28/25 14:33	1
1,3-Dichlorobenzene	1.0	U	1.0	0.78	ug/L			10/28/25 14:33	1
1,4-Dichlorobenzene	1.0	U	1.0	0.84	ug/L			10/28/25 14:33	1
2-Butanone (MEK)	10	U	10	1.3	ug/L			10/28/25 14:33	1
2-Hexanone	5.0	U TH	5.0	1.2	ug/L			10/28/25 14:33	1
4-Methyl-2-pentanone (MIBK)	5.0	U TH	5.0	2.1	ug/L			10/28/25 14:33	1
Acetone	**11**		10	3.0	ug/L			10/28/25 14:33	1
Benzene	1.0	U	1.0	0.41	ug/L			10/28/25 14:33	1
Bromodichloromethane	1.0	U	1.0	0.39	ug/L			10/28/25 14:33	1
Bromoform	1.0	U	1.0	0.26	ug/L			10/28/25 14:33	1
Bromomethane	1.0	U	1.0	0.69	ug/L			10/28/25 14:33	1
Carbon disulfide	1.0	U	1.0	0.19	ug/L			10/28/25 14:33	1
Carbon tetrachloride	1.0	U	1.0	0.27	ug/L			10/28/25 14:33	1
Chlorobenzene	1.0	U	1.0	0.75	ug/L			10/28/25 14:33	1
Chloroethane	1.0	U	1.0	0.32	ug/L			10/28/25 14:33	1
Chloroform	1.0	U	1.0	0.34	ug/L			10/28/25 14:33	1
Chloromethane	1.0	U	1.0	0.35	ug/L			10/28/25 14:33	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.81	ug/L			10/28/25 14:33	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.36	ug/L			10/28/25 14:33	1
Cyclohexane	1.0	U	1.0	0.18	ug/L			10/28/25 14:33	1
Dibromochloromethane	1.0	U	1.0	0.32	ug/L			10/28/25 14:33	1
Dichlorodifluoromethane	1.0	U	1.0	0.68	ug/L			10/28/25 14:33	1
Ethylbenzene	1.0	U	1.0	0.74	ug/L			10/28/25 14:33	1
Isopropylbenzene	1.0	U	1.0	0.79	ug/L			10/28/25 14:33	1
Methyl acetate	2.5	U	2.5	1.3	ug/L			10/28/25 14:33	1
Methyl tert-butyl ether	1.0	U	1.0	0.16	ug/L			10/28/25 14:33	1

Client: ERM-Northeast
Project/Site: Sanmina Investigation - Owego, NY

Job ID: 480-233902-1

Client Sample ID: SAN-EB(10222025)

Lab Sample ID: 480-233902-2

Date Collected: 10/22/25 09:00
Matrix: Water
Date Received: 10/24/25 10:00

Method: SW846 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methylcyclohexane	1.0	U	1.0	0.16	ug/L			10/28/25 14:33	1
Methylene Chloride	1.0	U	1.0	0.44	ug/L			10/28/25 14:33	1
Styrene	1.0	U	1.0	0.73	ug/L			10/28/25 14:33	1
Tetrachloroethene	1.0	U	1.0	0.36	ug/L			10/28/25 14:33	1
Toluene	1.0	U	1.0	0.51	ug/L			10/28/25 14:33	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.90	ug/L			10/28/25 14:33	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.37	ug/L			10/28/25 14:33	1
Trichloroethene	1.0	U	1.0	0.46	ug/L			10/28/25 14:33	1
Trichlorofluoromethane	1.0	U	1.0	0.88	ug/L			10/28/25 14:33	1
Vinyl chloride	1.0	U	1.0	0.90	ug/L			10/28/25 14:33	1
Xylenes, Total	2.0	U	2.0	0.66	ug/L			10/28/25 14:33	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*ug/L*			*N/A*		*10/28/25 14:33*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*107*		*77 - 120*		*10/28/25 14:33*	*1*
4-Bromofluorobenzene (Surr)	*96*		*73 - 120*		*10/28/25 14:33*	*1*
Dibromofluoromethane (Surr)	*96*		*75 - 123*		*10/28/25 14:33*	*1*
Toluene-d8 (Surr)	*98*		*80 - 120*		*10/28/25 14:33*	*1*

Client Sample ID: SAN-MW-27(10222025)

Lab Sample ID: 480-233902-3

Date Collected: 10/22/25 16:35
Matrix: Water
Date Received: 10/24/25 10:00

Method: SW846 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	4.0	U	4.0	3.3	ug/L			10/29/25 13:56	4
1,1,2,2-Tetrachloroethane	4.0	U	4.0	0.84	ug/L			10/29/25 13:56	4
1,1,2-Trichloro-1,2,2-trifluoroethane	4.0	U	4.0	1.2	ug/L			10/29/25 13:56	4
1,1,2-Trichloroethane	4.0	U	4.0	0.92	ug/L			10/29/25 13:56	4
1,1-Dichloroethane	4.0	U	4.0	1.5	ug/L			10/29/25 13:56	4
1,1-Dichloroethene	4.0	U	4.0	1.2	ug/L			10/29/25 13:56	4
1,2,4-Trichlorobenzene	4.0	U	4.0	1.6	ug/L			10/29/25 13:56	4
1,2-Dibromo-3-Chloropropane	4.0	U	4.0	1.6	ug/L			10/29/25 13:56	4
1,2-Dibromoethane	4.0	U	4.0	2.9	ug/L			10/29/25 13:56	4
1,2-Dichlorobenzene	4.0	U	4.0	3.2	ug/L			10/29/25 13:56	4
1,2-Dichloroethane	4.0	U	4.0	0.84	ug/L			10/29/25 13:56	4
1,2-Dichloropropane	4.0	U	4.0	2.9	ug/L			10/29/25 13:56	4
1,3-Dichlorobenzene	4.0	U	4.0	3.1	ug/L			10/29/25 13:56	4
1,4-Dichlorobenzene	4.0	U	4.0	3.4	ug/L			10/29/25 13:56	4
2-Butanone (MEK)	40	U	40	5.3	ug/L			10/29/25 13:56	4
2-Hexanone	20	U TH	20	5.0	ug/L			10/29/25 13:56	4
4-Methyl-2-pentanone (MIBK)	20	U	20	8.4	ug/L			10/29/25 13:56	4
Acetone	**1400**		40	12	ug/L			10/29/25 13:56	4
Benzene	4.0	U	4.0	1.6	ug/L			10/29/25 13:56	4
Bromodichloromethane	4.0	U	4.0	1.6	ug/L			10/29/25 13:56	4
Bromoform	4.0	U	4.0	1.0	ug/L			10/29/25 13:56	4
Bromomethane	4.0	U	4.0	2.8	ug/L			10/29/25 13:56	4
Carbon disulfide	4.0	U	4.0	0.76	ug/L			10/29/25 13:56	4

Client Sample ID: SAN-MW-27(10222025)
Lab Sample ID: 480-233902-3

Date Collected: 10/22/25 16:35
Matrix: Water
Date Received: 10/24/25 10:00

Method: SW846 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon tetrachloride	4.0	U	4.0	1.1	ug/L			10/29/25 13:56	4
Chlorobenzene	4.0	U	4.0	3.0	ug/L			10/29/25 13:56	4
Chloroethane	4.0	U	4.0	1.3	ug/L			10/29/25 13:56	4
Chloroform	4.0	U	4.0	1.4	ug/L			10/29/25 13:56	4
Chloromethane	4.0	U	4.0	1.4	ug/L			10/29/25 13:56	4
cis-1,2-Dichloroethene	4.0	U	4.0	3.2	ug/L			10/29/25 13:56	4
cis-1,3-Dichloropropene	4.0	U	4.0	1.4	ug/L			10/29/25 13:56	4
Cyclohexane	4.0	U	4.0	0.72	ug/L			10/29/25 13:56	4
Dibromochloromethane	4.0	U	4.0	1.3	ug/L			10/29/25 13:56	4
Dichlorodifluoromethane	4.0	U	4.0	2.7	ug/L			10/29/25 13:56	4
Ethylbenzene	4.0	U	4.0	3.0	ug/L			10/29/25 13:56	4
Isopropylbenzene	4.0	U	4.0	3.2	ug/L			10/29/25 13:56	4
Methyl acetate	10	U	10	5.2	ug/L			10/29/25 13:56	4
Methyl tert-butyl ether	4.0	U	4.0	0.64	ug/L			10/29/25 13:56	4
Methylcyclohexane	4.0	U	4.0	0.64	ug/L			10/29/25 13:56	4
Methylene Chloride	4.0	U	4.0	1.8	ug/L			10/29/25 13:56	4
Styrene	4.0	U	4.0	2.9	ug/L			10/29/25 13:56	4
Tetrachloroethene	4.0	U	4.0	1.4	ug/L			10/29/25 13:56	4
Toluene	4.0	U	4.0	2.0	ug/L			10/29/25 13:56	4
trans-1,2-Dichloroethene	4.0	U	4.0	3.6	ug/L			10/29/25 13:56	4
trans-1,3-Dichloropropene	4.0	U	4.0	1.5	ug/L			10/29/25 13:56	4
Trichloroethene	4.0	U	4.0	1.8	ug/L			10/29/25 13:56	4
Trichlorofluoromethane	4.0	U	4.0	3.5	ug/L			10/29/25 13:56	4
Vinyl chloride	4.0	U	4.0	3.6	ug/L			10/29/25 13:56	4
Xylenes, Total	8.0	U	8.0	2.6	ug/L			10/29/25 13:56	4

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Unknown	*26*	*T J*	*ug/L*		*2.32*	*N/A*		*10/29/25 13:56*	*4*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*110*		*77 - 120*		*10/29/25 13:56*	*4*
4-Bromofluorobenzene (Surr)	*93*		*73 - 120*		*10/29/25 13:56*	*4*
Dibromofluoromethane (Surr)	*100*		*75 - 123*		*10/29/25 13:56*	*4*
Toluene-d8 (Surr)	*94*		*80 - 120*		*10/29/25 13:56*	*4*

Client Sample ID: SAN-MW-6(10222025)
Lab Sample ID: 480-233902-4

Date Collected: 10/22/25 16:30
Matrix: Water
Date Received: 10/24/25 10:00

Method: SW846 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	**2.4**		1.0	0.82	ug/L			10/28/25 15:19	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.21	ug/L			10/28/25 15:19	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.31	ug/L			10/28/25 15:19	1
1,1,2-Trichloroethane	1.0	U	1.0	0.23	ug/L			10/28/25 15:19	1
1,1-Dichloroethane	**4.9**		1.0	0.38	ug/L			10/28/25 15:19	1
1,1-Dichloroethene	**1.9**		1.0	0.29	ug/L			10/28/25 15:19	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.41	ug/L			10/28/25 15:19	1
1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.39	ug/L			10/28/25 15:19	1
1,2-Dibromoethane	1.0	U	1.0	0.73	ug/L			10/28/25 15:19	1

Client Sample ID: SAN-MW-6(10222025)
Lab Sample ID: 480-233902-4
Date Collected: 10/22/25 16:30
Matrix: Water
Date Received: 10/24/25 10:00

Method: SW846 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichlorobenzene	1.0	U	1.0	0.79	ug/L			10/28/25 15:19	1
1,2-Dichloroethane	1.0	U	1.0	0.21	ug/L			10/28/25 15:19	1
1,2-Dichloropropane	1.0	U	1.0	0.72	ug/L			10/28/25 15:19	1
1,3-Dichlorobenzene	1.0	U	1.0	0.78	ug/L			10/28/25 15:19	1
1,4-Dichlorobenzene	1.0	U	1.0	0.84	ug/L			10/28/25 15:19	1
2-Butanone (MEK)	10	U	10	1.3	ug/L			10/28/25 15:19	1
2-Hexanone	5.0	U TH	5.0	1.2	ug/L			10/28/25 15:19	1
4-Methyl-2-pentanone (MIBK)	5.0	U TH	5.0	2.1	ug/L			10/28/25 15:19	1
Acetone	**200**		10	3.0	ug/L			10/28/25 15:19	1
Benzene	1.0	U	1.0	0.41	ug/L			10/28/25 15:19	1
Bromodichloromethane	1.0	U	1.0	0.39	ug/L			10/28/25 15:19	1
Bromoform	1.0	U	1.0	0.26	ug/L			10/28/25 15:19	1
Bromomethane	1.0	U	1.0	0.69	ug/L			10/28/25 15:19	1
Carbon disulfide	1.0	U	1.0	0.19	ug/L			10/28/25 15:19	1
Carbon tetrachloride	1.0	U	1.0	0.27	ug/L			10/28/25 15:19	1
Chlorobenzene	1.0	U	1.0	0.75	ug/L			10/28/25 15:19	1
Chloroethane	1.0	U	1.0	0.32	ug/L			10/28/25 15:19	1
Chloroform	1.0	U	1.0	0.34	ug/L			10/28/25 15:19	1
Chloromethane	1.0	U	1.0	0.35	ug/L			10/28/25 15:19	1
cis-1,2-Dichloroethene	**22**		1.0	0.81	ug/L			10/28/25 15:19	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.36	ug/L			10/28/25 15:19	1
Cyclohexane	**0.57**	**J**	1.0	0.18	ug/L			10/28/25 15:19	1
Dibromochloromethane	1.0	U	1.0	0.32	ug/L			10/28/25 15:19	1
Dichlorodifluoromethane	1.0	U	1.0	0.68	ug/L			10/28/25 15:19	1
Ethylbenzene	1.0	U	1.0	0.74	ug/L			10/28/25 15:19	1
Isopropylbenzene	1.0	U	1.0	0.79	ug/L			10/28/25 15:19	1
Methyl acetate	2.5	U	2.5	1.3	ug/L			10/28/25 15:19	1
Methyl tert-butyl ether	1.0	U	1.0	0.16	ug/L			10/28/25 15:19	1
Methylcyclohexane	1.0	U	1.0	0.16	ug/L			10/28/25 15:19	1
Methylene Chloride	1.0	U	1.0	0.44	ug/L			10/28/25 15:19	1
Styrene	1.0	U	1.0	0.73	ug/L			10/28/25 15:19	1
Tetrachloroethene	1.0	U	1.0	0.36	ug/L			10/28/25 15:19	1
Toluene	1.0	U	1.0	0.51	ug/L			10/28/25 15:19	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.90	ug/L			10/28/25 15:19	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.37	ug/L			10/28/25 15:19	1
Trichloroethene	**82**		1.0	0.46	ug/L			10/28/25 15:19	1
Trichlorofluoromethane	1.0	U	1.0	0.88	ug/L			10/28/25 15:19	1
Vinyl chloride	**6.5**		1.0	0.90	ug/L			10/28/25 15:19	1
Xylenes, Total	2.0	U	2.0	0.66	ug/L			10/28/25 15:19	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Isopropyl Alcohol	*70*	*T J N*	*ug/L*		*2.32*	*67-63-0*		*10/28/25 15:19*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*108*		*77 - 120*		*10/28/25 15:19*	*1*
4-Bromofluorobenzene (Surr)	*90*		*73 - 120*		*10/28/25 15:19*	*1*
Dibromofluoromethane (Surr)	*99*		*75 - 123*		*10/28/25 15:19*	*1*
Toluene-d8 (Surr)	*95*		*80 - 120*		*10/28/25 15:19*	*1*

Client: ERM-Northeast
Job ID: 480-233902-1
Project/Site: Sanmina Investigation - Owego, NY

Client Sample ID: SAN-RW-3(10232025)
Lab Sample ID: 480-233902-5
Date Collected: 10/23/25 09:05
Matrix: Water
Date Received: 10/24/25 10:00

Method: SW846 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	**160**		10	8.2	ug/L			10/28/25 15:42	10
1,1,2,2-Tetrachloroethane	10	U TH	10	2.1	ug/L			10/28/25 15:42	10
1,1,2-Trichloro-1,2,2-trifluoroethane	10	U	10	3.1	ug/L			10/28/25 15:42	10
1,1,2-Trichloroethane	10	U	10	2.3	ug/L			10/28/25 15:42	10
1,1-Dichloroethane	**65**		10	3.8	ug/L			10/28/25 15:42	10
1,1-Dichloroethene	**18**		10	2.9	ug/L			10/28/25 15:42	10
1,2,4-Trichlorobenzene	10	U	10	4.1	ug/L			10/28/25 15:42	10
1,2-Dibromo-3-Chloropropane	10	U	10	3.9	ug/L			10/28/25 15:42	10
1,2-Dibromoethane	10	U	10	7.3	ug/L			10/28/25 15:42	10
1,2-Dichlorobenzene	10	U	10	7.9	ug/L			10/28/25 15:42	10
1,2-Dichloroethane	10	U	10	2.1	ug/L			10/28/25 15:42	10
1,2-Dichloropropane	10	U	10	7.2	ug/L			10/28/25 15:42	10
1,3-Dichlorobenzene	10	U	10	7.8	ug/L			10/28/25 15:42	10
1,4-Dichlorobenzene	10	U	10	8.4	ug/L			10/28/25 15:42	10
2-Butanone (MEK)	100	U	100	13	ug/L			10/28/25 15:42	10
2-Hexanone	50	U TH	50	12	ug/L			10/28/25 15:42	10
4-Methyl-2-pentanone (MIBK)	50	U TH	50	21	ug/L			10/28/25 15:42	10
Acetone	100	U	100	30	ug/L			10/28/25 15:42	10
Benzene	10	U	10	4.1	ug/L			10/28/25 15:42	10
Bromodichloromethane	10	U	10	3.9	ug/L			10/28/25 15:42	10
Bromoform	10	U	10	2.6	ug/L			10/28/25 15:42	10
Bromomethane	10	U	10	6.9	ug/L			10/28/25 15:42	10
Carbon disulfide	10	U	10	1.9	ug/L			10/28/25 15:42	10
Carbon tetrachloride	10	U	10	2.7	ug/L			10/28/25 15:42	10
Chlorobenzene	10	U	10	7.5	ug/L			10/28/25 15:42	10
Chloroethane	10	U	10	3.2	ug/L			10/28/25 15:42	10
Chloroform	10	U	10	3.4	ug/L			10/28/25 15:42	10
Chloromethane	10	U TH	10	3.5	ug/L			10/28/25 15:42	10
cis-1,2-Dichloroethene	**240**		10	8.1	ug/L			10/28/25 15:42	10
cis-1,3-Dichloropropene	10	U	10	3.6	ug/L			10/28/25 15:42	10
Cyclohexane	10	U	10	1.8	ug/L			10/28/25 15:42	10
Dibromochloromethane	10	U	10	3.2	ug/L			10/28/25 15:42	10
Dichlorodifluoromethane	10	U	10	6.8	ug/L			10/28/25 15:42	10
Ethylbenzene	10	U	10	7.4	ug/L			10/28/25 15:42	10
Isopropylbenzene	10	U	10	7.9	ug/L			10/28/25 15:42	10
Methyl acetate	25	U	25	13	ug/L			10/28/25 15:42	10
Methyl tert-butyl ether	10	U	10	1.6	ug/L			10/28/25 15:42	10
Methylcyclohexane	10	U	10	1.6	ug/L			10/28/25 15:42	10
Methylene Chloride	10	U	10	4.4	ug/L			10/28/25 15:42	10
Styrene	10	U	10	7.3	ug/L			10/28/25 15:42	10
Tetrachloroethene	10	U	10	3.6	ug/L			10/28/25 15:42	10
Toluene	10	U	10	5.1	ug/L			10/28/25 15:42	10
trans-1,2-Dichloroethene	10	U	10	9.0	ug/L			10/28/25 15:42	10
trans-1,3-Dichloropropene	10	U	10	3.7	ug/L			10/28/25 15:42	10
Trichloroethene	**260**		10	4.6	ug/L			10/28/25 15:42	10
Trichlorofluoromethane	10	U	10	8.8	ug/L			10/28/25 15:42	10
Vinyl chloride	10	U	10	9.0	ug/L			10/28/25 15:42	10
Xylenes, Total	20	U	20	6.6	ug/L			10/28/25 15:42	10

Client Sample ID: SAN-RW-3(10232025)
Lab Sample ID: 480-233902-5

Date Collected: 10/23/25 09:05
Matrix: Water
Date Received: 10/24/25 10:00

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Isopropyl alcohol	340		ug/L		2.33	67-63-0		10/28/25 15:42	10
Tentatively Identified Compound	None		ug/L			N/A		10/28/25 15:42	10

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	106		77 - 120		10/28/25 15:42	10
4-Bromofluorobenzene (Surr)	92		73 - 120		10/28/25 15:42	10
Dibromofluoromethane (Surr)	99		75 - 123		10/28/25 15:42	10
Toluene-d8 (Surr)	93		80 - 120		10/28/25 15:42	10

Client Sample ID: SAN-MW-14(10222025)
Lab Sample ID: 480-233902-6

Date Collected: 10/22/25 16:50
Matrix: Water
Date Received: 10/24/25 10:00

Method: SW846 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	**15**		2.0	1.6	ug/L			10/28/25 16:05	2
1,1,2,2-Tetrachloroethane	2.0	U	2.0	0.42	ug/L			10/28/25 16:05	2
1,1,2-Trichloro-1,2,2-trifluoroethane	2.0	U	2.0	0.62	ug/L			10/28/25 16:05	2
1,1,2-Trichloroethane	2.0	U	2.0	0.46	ug/L			10/28/25 16:05	2
1,1-Dichloroethane	**3.0**		2.0	0.76	ug/L			10/28/25 16:05	2
1,1-Dichloroethene	2.0	U	2.0	0.58	ug/L			10/28/25 16:05	2
1,2,4-Trichlorobenzene	2.0	U	2.0	0.82	ug/L			10/28/25 16:05	2
1,2-Dibromo-3-Chloropropane	2.0	U	2.0	0.78	ug/L			10/28/25 16:05	2
1,2-Dibromoethane	2.0	U	2.0	1.5	ug/L			10/28/25 16:05	2
1,2-Dichlorobenzene	2.0	U	2.0	1.6	ug/L			10/28/25 16:05	2
1,2-Dichloroethane	2.0	U	2.0	0.42	ug/L			10/28/25 16:05	2
1,2-Dichloropropane	2.0	U	2.0	1.4	ug/L			10/28/25 16:05	2
1,3-Dichlorobenzene	2.0	U	2.0	1.6	ug/L			10/28/25 16:05	2
1,4-Dichlorobenzene	2.0	U	2.0	1.7	ug/L			10/28/25 16:05	2
2-Butanone (MEK)	20	U	20	2.6	ug/L			10/28/25 16:05	2
2-Hexanone	10	U TH	10	2.5	ug/L			10/28/25 16:05	2
4-Methyl-2-pentanone (MIBK)	10	U TH	10	4.2	ug/L			10/28/25 16:05	2
Acetone	**410**		20	6.0	ug/L			10/28/25 16:05	2
Benzene	2.0	U	2.0	0.82	ug/L			10/28/25 16:05	2
Bromodichloromethane	2.0	U	2.0	0.78	ug/L			10/28/25 16:05	2
Bromoform	2.0	U	2.0	0.52	ug/L			10/28/25 16:05	2
Bromomethane	2.0	U	2.0	1.4	ug/L			10/28/25 16:05	2
Carbon disulfide	2.0	U	2.0	0.38	ug/L			10/28/25 16:05	2
Carbon tetrachloride	2.0	U	2.0	0.54	ug/L			10/28/25 16:05	2
Chlorobenzene	2.0	U	2.0	1.5	ug/L			10/28/25 16:05	2
Chloroethane	2.0	U	2.0	0.64	ug/L			10/28/25 16:05	2
Chloroform	2.0	U	2.0	0.68	ug/L			10/28/25 16:05	2
Chloromethane	2.0	U	2.0	0.70	ug/L			10/28/25 16:05	2
cis-1,2-Dichloroethene	**7.9**		2.0	1.6	ug/L			10/28/25 16:05	2
cis-1,3-Dichloropropene	2.0	U	2.0	0.72	ug/L			10/28/25 16:05	2
Cyclohexane	2.0	U	2.0	0.36	ug/L			10/28/25 16:05	2
Dibromochloromethane	2.0	U	2.0	0.64	ug/L			10/28/25 16:05	2
Dichlorodifluoromethane	2.0	U	2.0	1.4	ug/L			10/28/25 16:05	2
Ethylbenzene	2.0	U	2.0	1.5	ug/L			10/28/25 16:05	2
Isopropylbenzene	2.0	U	2.0	1.6	ug/L			10/28/25 16:05	2
Methyl acetate	5.0	U	5.0	2.6	ug/L			10/28/25 16:05	2

Client Sample ID: SAN-MW-14(10222025)
Lab Sample ID: 480-233902-6

Date Collected: 10/22/25 16:50
Matrix: Water
Date Received: 10/24/25 10:00

Method: SW846 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	2.0	U	2.0	0.32	ug/L			10/28/25 16:05	2
Methylcyclohexane	2.0	U	2.0	0.32	ug/L			10/28/25 16:05	2
Methylene Chloride	2.0	U	2.0	0.88	ug/L			10/28/25 16:05	2
Styrene	2.0	U	2.0	1.5	ug/L			10/28/25 16:05	2
Tetrachloroethene	2.0	U	2.0	0.72	ug/L			10/28/25 16:05	2
Toluene	2.0	U	2.0	1.0	ug/L			10/28/25 16:05	2
trans-1,2-Dichloroethene	2.0	U	2.0	1.8	ug/L			10/28/25 16:05	2
trans-1,3-Dichloropropene	2.0	U	2.0	0.74	ug/L			10/28/25 16:05	2
Trichloroethene	**5.3**		2.0	0.92	ug/L			10/28/25 16:05	2
Trichlorofluoromethane	2.0	U	2.0	1.8	ug/L			10/28/25 16:05	2
Vinyl chloride	2.0	U	2.0	1.8	ug/L			10/28/25 16:05	2
Xylenes, Total	4.0	U	4.0	1.3	ug/L			10/28/25 16:05	2

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Unknown	*51*	*T J*	*ug/L*		*2.33*	*N/A*		*10/28/25 16:05*	*2*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*110*		*77 - 120*		*10/28/25 16:05*	*2*
4-Bromofluorobenzene (Surr)	*89*		*73 - 120*		*10/28/25 16:05*	*2*
Dibromofluoromethane (Surr)	*97*		*75 - 123*		*10/28/25 16:05*	*2*
Toluene-d8 (Surr)	*96*		*80 - 120*		*10/28/25 16:05*	*2*

Client Sample ID: SAN-MW-36(10222025)
Lab Sample ID: 480-233902-7

Date Collected: 10/22/25 14:15
Matrix: Water
Date Received: 10/24/25 10:00

Method: SW846 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.0	U	1.0	0.82	ug/L			10/28/25 16:28	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.21	ug/L			10/28/25 16:28	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.31	ug/L			10/28/25 16:28	1
1,1,2-Trichloroethane	1.0	U	1.0	0.23	ug/L			10/28/25 16:28	1
1,1-Dichloroethane	**0.86**	**J**	1.0	0.38	ug/L			10/28/25 16:28	1
1,1-Dichloroethene	1.0	U	1.0	0.29	ug/L			10/28/25 16:28	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.41	ug/L			10/28/25 16:28	1
1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.39	ug/L			10/28/25 16:28	1
1,2-Dibromoethane	1.0	U	1.0	0.73	ug/L			10/28/25 16:28	1
1,2-Dichlorobenzene	1.0	U	1.0	0.79	ug/L			10/28/25 16:28	1
1,2-Dichloroethane	1.0	U	1.0	0.21	ug/L			10/28/25 16:28	1
1,2-Dichloropropane	1.0	U	1.0	0.72	ug/L			10/28/25 16:28	1
1,3-Dichlorobenzene	1.0	U	1.0	0.78	ug/L			10/28/25 16:28	1
1,4-Dichlorobenzene	1.0	U	1.0	0.84	ug/L			10/28/25 16:28	1
2-Butanone (MEK)	10	U	10	1.3	ug/L			10/28/25 16:28	1
2-Hexanone	5.0	U TH	5.0	1.2	ug/L			10/28/25 16:28	1
4-Methyl-2-pentanone (MIBK)	5.0	U TH	5.0	2.1	ug/L			10/28/25 16:28	1
Acetone	**340**		10	3.0	ug/L			10/28/25 16:28	1
Benzene	1.0	U	1.0	0.41	ug/L			10/28/25 16:28	1
Bromodichloromethane	1.0	U	1.0	0.39	ug/L			10/28/25 16:28	1
Bromoform	1.0	U	1.0	0.26	ug/L			10/28/25 16:28	1
Bromomethane	1.0	U	1.0	0.69	ug/L			10/28/25 16:28	1

Client Sample ID: SAN-MW-36(10222025)
Lab Sample ID: 480-233902-7
Date Collected: 10/22/25 14:15
Matrix: Water
Date Received: 10/24/25 10:00

Method: SW846 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon disulfide	1.0	U	1.0	0.19	ug/L			10/28/25 16:28	1
Carbon tetrachloride	1.0	U	1.0	0.27	ug/L			10/28/25 16:28	1
Chlorobenzene	1.0	U	1.0	0.75	ug/L			10/28/25 16:28	1
Chloroethane	1.0	U	1.0	0.32	ug/L			10/28/25 16:28	1
Chloroform	1.0	U	1.0	0.34	ug/L			10/28/25 16:28	1
Chloromethane	1.0	U	1.0	0.35	ug/L			10/28/25 16:28	1
cis-1,2-Dichloroethene	**1.9**		1.0	0.81	ug/L			10/28/25 16:28	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.36	ug/L			10/28/25 16:28	1
Cyclohexane	**0.25**	**J**	1.0	0.18	ug/L			10/28/25 16:28	1
Dibromochloromethane	1.0	U	1.0	0.32	ug/L			10/28/25 16:28	1
Dichlorodifluoromethane	1.0	U	1.0	0.68	ug/L			10/28/25 16:28	1
Ethylbenzene	1.0	U	1.0	0.74	ug/L			10/28/25 16:28	1
Isopropylbenzene	1.0	U	1.0	0.79	ug/L			10/28/25 16:28	1
Methyl acetate	2.5	U	2.5	1.3	ug/L			10/28/25 16:28	1
Methyl tert-butyl ether	1.0	U	1.0	0.16	ug/L			10/28/25 16:28	1
Methylcyclohexane	1.0	U	1.0	0.16	ug/L			10/28/25 16:28	1
Methylene Chloride	1.0	U	1.0	0.44	ug/L			10/28/25 16:28	1
Styrene	1.0	U	1.0	0.73	ug/L			10/28/25 16:28	1
Tetrachloroethene	1.0	U	1.0	0.36	ug/L			10/28/25 16:28	1
Toluene	1.0	U	1.0	0.51	ug/L			10/28/25 16:28	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.90	ug/L			10/28/25 16:28	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.37	ug/L			10/28/25 16:28	1
Trichloroethene	**6.8**		1.0	0.46	ug/L			10/28/25 16:28	1
Trichlorofluoromethane	1.0	U	1.0	0.88	ug/L			10/28/25 16:28	1
Vinyl chloride	1.0	U	1.0	0.90	ug/L			10/28/25 16:28	1
Xylenes, Total	2.0	U	2.0	0.66	ug/L			10/28/25 16:28	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Unknown	*75*	*T J*	*ug/L*		*2.32*	*N/A*		*10/28/25 16:28*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*108*		*77 - 120*		*10/28/25 16:28*	*1*
4-Bromofluorobenzene (Surr)	*93*		*73 - 120*		*10/28/25 16:28*	*1*
Dibromofluoromethane (Surr)	*97*		*75 - 123*		*10/28/25 16:28*	*1*
Toluene-d8 (Surr)	*94*		*80 - 120*		*10/28/25 16:28*	*1*

Client Sample ID: SAN-MW-34(10222025)
Lab Sample ID: 480-233902-8
Date Collected: 10/22/25 14:10
Matrix: Water
Date Received: 10/24/25 10:00

Method: SW846 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	8.0	U	8.0	6.6	ug/L			10/28/25 16:52	8
1,1,2,2-Tetrachloroethane	8.0	U	8.0	1.7	ug/L			10/28/25 16:52	8
1,1,2-Trichloro-1,2,2-trifluoroethane	8.0	U	8.0	2.5	ug/L			10/28/25 16:52	8
1,1,2-Trichloroethane	8.0	U	8.0	1.8	ug/L			10/28/25 16:52	8
1,1-Dichloroethane	8.0	U	8.0	3.0	ug/L			10/28/25 16:52	8
1,1-Dichloroethene	8.0	U	8.0	2.3	ug/L			10/28/25 16:52	8
1,2,4-Trichlorobenzene	8.0	U	8.0	3.3	ug/L			10/28/25 16:52	8
1,2-Dibromo-3-Chloropropane	8.0	U	8.0	3.1	ug/L			10/28/25 16:52	8

Client Sample ID: SAN-MW-34(10222025)
Lab Sample ID: 480-233902-8

Date Collected: 10/22/25 14:10
Matrix: Water
Date Received: 10/24/25 10:00

Method: SW846 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane	8.0	U	8.0	5.8	ug/L			10/28/25 16:52	8
1,2-Dichlorobenzene	8.0	U	8.0	6.3	ug/L			10/28/25 16:52	8
1,2-Dichloroethane	8.0	U	8.0	1.7	ug/L			10/28/25 16:52	8
1,2-Dichloropropane	8.0	U	8.0	5.8	ug/L			10/28/25 16:52	8
1,3-Dichlorobenzene	8.0	U	8.0	6.2	ug/L			10/28/25 16:52	8
1,4-Dichlorobenzene	8.0	U	8.0	6.7	ug/L			10/28/25 16:52	8
2-Butanone (MEK)	80	U	80	11	ug/L			10/28/25 16:52	8
2-Hexanone	40	U TH	40	9.9	ug/L			10/28/25 16:52	8
4-Methyl-2-pentanone (MIBK)	40	U TH	40	17	ug/L			10/28/25 16:52	8
Acetone	**1300**		80	24	ug/L			10/28/25 16:52	8
Benzene	8.0	U	8.0	3.3	ug/L			10/28/25 16:52	8
Bromodichloromethane	8.0	U	8.0	3.1	ug/L			10/28/25 16:52	8
Bromoform	8.0	U	8.0	2.1	ug/L			10/28/25 16:52	8
Bromomethane	8.0	U	8.0	5.5	ug/L			10/28/25 16:52	8
Carbon disulfide	8.0	U	8.0	1.5	ug/L			10/28/25 16:52	8
Carbon tetrachloride	8.0	U	8.0	2.2	ug/L			10/28/25 16:52	8
Chlorobenzene	8.0	U	8.0	6.0	ug/L			10/28/25 16:52	8
Chloroethane	8.0	U	8.0	2.6	ug/L			10/28/25 16:52	8
Chloroform	8.0	U	8.0	2.7	ug/L			10/28/25 16:52	8
Chloromethane	8.0	U	8.0	2.8	ug/L			10/28/25 16:52	8
cis-1,2-Dichloroethene	8.0	U	8.0	6.5	ug/L			10/28/25 16:52	8
cis-1,3-Dichloropropene	8.0	U	8.0	2.9	ug/L			10/28/25 16:52	8
Cyclohexane	8.0	U	8.0	1.4	ug/L			10/28/25 16:52	8
Dibromochloromethane	8.0	U	8.0	2.6	ug/L			10/28/25 16:52	8
Dichlorodifluoromethane	8.0	U	8.0	5.4	ug/L			10/28/25 16:52	8
Ethylbenzene	8.0	U	8.0	5.9	ug/L			10/28/25 16:52	8
Isopropylbenzene	8.0	U	8.0	6.3	ug/L			10/28/25 16:52	8
Methyl acetate	20	U	20	10	ug/L			10/28/25 16:52	8
Methyl tert-butyl ether	8.0	U	8.0	1.3	ug/L			10/28/25 16:52	8
Methylcyclohexane	8.0	U	8.0	1.3	ug/L			10/28/25 16:52	8
Methylene Chloride	8.0	U	8.0	3.5	ug/L			10/28/25 16:52	8
Styrene	8.0	U	8.0	5.8	ug/L			10/28/25 16:52	8
Tetrachloroethene	8.0	U	8.0	2.9	ug/L			10/28/25 16:52	8
Toluene	8.0	U	8.0	4.1	ug/L			10/28/25 16:52	8
trans-1,2-Dichloroethene	8.0	U	8.0	7.2	ug/L			10/28/25 16:52	8
trans-1,3-Dichloropropene	8.0	U	8.0	3.0	ug/L			10/28/25 16:52	8
Trichloroethene	**39**		8.0	3.7	ug/L			10/28/25 16:52	8
Trichlorofluoromethane	8.0	U	8.0	7.0	ug/L			10/28/25 16:52	8
Vinyl chloride	8.0	U	8.0	7.2	ug/L			10/28/25 16:52	8
Xylenes, Total	16	U	16	5.3	ug/L			10/28/25 16:52	8

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Unknown	*35*	*T J*	*ug/L*		*2.33*	*N/A*		*10/28/25 16:52*	*8*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*109*		*77 - 120*		*10/28/25 16:52*	*8*
4-Bromofluorobenzene (Surr)	*90*		*73 - 120*		*10/28/25 16:52*	*8*
Dibromofluoromethane (Surr)	*100*		*75 - 123*		*10/28/25 16:52*	*8*
Toluene-d8 (Surr)	*94*		*80 - 120*		*10/28/25 16:52*	*8*

Client: ERM-Northeast
Job ID: 480-233902-1
Project/Site: Sanmina Investigation - Owego, NY

Client Sample ID: SAN-RW-6(10222025)
Lab Sample ID: 480-233902-9
Date Collected: 10/22/25 14:40
Matrix: Water
Date Received: 10/24/25 10:00

Method: SW846 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	**23**		4.0	3.3	ug/L			10/28/25 17:15	4
1,1,2,2-Tetrachloroethane	4.0	U	4.0	0.84	ug/L			10/28/25 17:15	4
1,1,2-Trichloro-1,2,2-trifluoroethane	4.0	U	4.0	1.2	ug/L			10/28/25 17:15	4
1,1,2-Trichloroethane	4.0	U	4.0	0.92	ug/L			10/28/25 17:15	4
1,1-Dichloroethane	**14**		4.0	1.5	ug/L			10/28/25 17:15	4
1,1-Dichloroethene	**9.8**		4.0	1.2	ug/L			10/28/25 17:15	4
1,2,4-Trichlorobenzene	4.0	U	4.0	1.6	ug/L			10/28/25 17:15	4
1,2-Dibromo-3-Chloropropane	4.0	U	4.0	1.6	ug/L			10/28/25 17:15	4
1,2-Dibromoethane	4.0	U	4.0	2.9	ug/L			10/28/25 17:15	4
1,2-Dichlorobenzene	4.0	U	4.0	3.2	ug/L			10/28/25 17:15	4
1,2-Dichloroethane	4.0	U	4.0	0.84	ug/L			10/28/25 17:15	4
1,2-Dichloropropane	4.0	U	4.0	2.9	ug/L			10/28/25 17:15	4
1,3-Dichlorobenzene	4.0	U	4.0	3.1	ug/L			10/28/25 17:15	4
1,4-Dichlorobenzene	4.0	U	4.0	3.4	ug/L			10/28/25 17:15	4
2-Butanone (MEK)	40	U	40	5.3	ug/L			10/28/25 17:15	4
2-Hexanone	20	U TH	20	5.0	ug/L			10/28/25 17:15	4
4-Methyl-2-pentanone (MIBK)	20	U TH	20	8.4	ug/L			10/28/25 17:15	4
Acetone	40	U	40	12	ug/L			10/28/25 17:15	4
Benzene	4.0	U	4.0	1.6	ug/L			10/28/25 17:15	4
Bromodichloromethane	4.0	U	4.0	1.6	ug/L			10/28/25 17:15	4
Bromoform	4.0	U	4.0	1.0	ug/L			10/28/25 17:15	4
Bromomethane	4.0	U	4.0	2.8	ug/L			10/28/25 17:15	4
Carbon disulfide	4.0	U	4.0	0.76	ug/L			10/28/25 17:15	4
Carbon tetrachloride	4.0	U	4.0	1.1	ug/L			10/28/25 17:15	4
Chlorobenzene	4.0	U	4.0	3.0	ug/L			10/28/25 17:15	4
Chloroethane	4.0	U	4.0	1.3	ug/L			10/28/25 17:15	4
Chloroform	4.0	U	4.0	1.4	ug/L			10/28/25 17:15	4
Chloromethane	4.0	U	4.0	1.4	ug/L			10/28/25 17:15	4
cis-1,2-Dichloroethene	**43**		4.0	3.2	ug/L			10/28/25 17:15	4
cis-1,3-Dichloropropene	4.0	U	4.0	1.4	ug/L			10/28/25 17:15	4
Cyclohexane	4.0	U	4.0	0.72	ug/L			10/28/25 17:15	4
Dibromochloromethane	4.0	U	4.0	1.3	ug/L			10/28/25 17:15	4
Dichlorodifluoromethane	4.0	U	4.0	2.7	ug/L			10/28/25 17:15	4
Ethylbenzene	4.0	U	4.0	3.0	ug/L			10/28/25 17:15	4
Isopropylbenzene	4.0	U	4.0	3.2	ug/L			10/28/25 17:15	4
Methyl acetate	10	U	10	5.2	ug/L			10/28/25 17:15	4
Methyl tert-butyl ether	4.0	U	4.0	0.64	ug/L			10/28/25 17:15	4
Methylcyclohexane	4.0	U	4.0	0.64	ug/L			10/28/25 17:15	4
Methylene Chloride	4.0	U	4.0	1.8	ug/L			10/28/25 17:15	4
Styrene	4.0	U	4.0	2.9	ug/L			10/28/25 17:15	4
Tetrachloroethene	4.0	U	4.0	1.4	ug/L			10/28/25 17:15	4
Toluene	4.0	U	4.0	2.0	ug/L			10/28/25 17:15	4
trans-1,2-Dichloroethene	4.0	U	4.0	3.6	ug/L			10/28/25 17:15	4
trans-1,3-Dichloropropene	4.0	U	4.0	1.5	ug/L			10/28/25 17:15	4
Trichloroethene	**110**		4.0	1.8	ug/L			10/28/25 17:15	4
Trichlorofluoromethane	4.0	U	4.0	3.5	ug/L			10/28/25 17:15	4
Vinyl chloride	4.0	U	4.0	3.6	ug/L			10/28/25 17:15	4
Xylenes, Total	8.0	U	8.0	2.6	ug/L			10/28/25 17:15	4

Client Sample ID: SAN-RW-6(10222025)
Lab Sample ID: 480-233902-9
Date Collected: 10/22/25 14:40
Matrix: Water
Date Received: 10/24/25 10:00

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Tentatively Identified Compound	None		ug/L			N/A		10/28/25 17:15	4

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	109		77 - 120		10/28/25 17:15	4
4-Bromofluorobenzene (Surr)	89		73 - 120		10/28/25 17:15	4
Dibromofluoromethane (Surr)	102		75 - 123		10/28/25 17:15	4
Toluene-d8 (Surr)	95		80 - 120		10/28/25 17:15	4

Client Sample ID: SAN-MW-15A(10222025)
Lab Sample ID: 480-233902-10
Date Collected: 10/22/25 15:10
Matrix: Water
Date Received: 10/24/25 10:00

Method: SW846 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	2.0	U	2.0	1.6	ug/L			10/29/25 14:20	2
1,1,2,2-Tetrachloroethane	2.0	U	2.0	0.42	ug/L			10/29/25 14:20	2
1,1,2-Trichloro-1,2,2-trifluoroethane	2.0	U	2.0	0.62	ug/L			10/29/25 14:20	2
1,1,2-Trichloroethane	2.0	U	2.0	0.46	ug/L			10/29/25 14:20	2
1,1-Dichloroethane	2.0	U	2.0	0.76	ug/L			10/29/25 14:20	2
1,1-Dichloroethene	2.0	U	2.0	0.58	ug/L			10/29/25 14:20	2
1,2,4-Trichlorobenzene	2.0	U	2.0	0.82	ug/L			10/29/25 14:20	2
1,2-Dibromo-3-Chloropropane	2.0	U	2.0	0.78	ug/L			10/29/25 14:20	2
1,2-Dibromoethane	2.0	U	2.0	1.5	ug/L			10/29/25 14:20	2
1,2-Dichlorobenzene	2.0	U	2.0	1.6	ug/L			10/29/25 14:20	2
1,2-Dichloroethane	2.0	U	2.0	0.42	ug/L			10/29/25 14:20	2
1,2-Dichloropropane	2.0	U	2.0	1.4	ug/L			10/29/25 14:20	2
1,3-Dichlorobenzene	2.0	U	2.0	1.6	ug/L			10/29/25 14:20	2
1,4-Dichlorobenzene	2.0	U	2.0	1.7	ug/L			10/29/25 14:20	2
2-Butanone (MEK)	**6.0**	**J**	20	2.6	ug/L			10/29/25 14:20	2
2-Hexanone	10	U TH	10	2.5	ug/L			10/29/25 14:20	2
4-Methyl-2-pentanone (MIBK)	10	U	10	4.2	ug/L			10/29/25 14:20	2
Acetone	**950**		20	6.0	ug/L			10/29/25 14:20	2
Benzene	2.0	U	2.0	0.82	ug/L			10/29/25 14:20	2
Bromodichloromethane	2.0	U	2.0	0.78	ug/L			10/29/25 14:20	2
Bromoform	2.0	U	2.0	0.52	ug/L			10/29/25 14:20	2
Bromomethane	2.0	U	2.0	1.4	ug/L			10/29/25 14:20	2
Carbon disulfide	2.0	U	2.0	0.38	ug/L			10/29/25 14:20	2
Carbon tetrachloride	2.0	U	2.0	0.54	ug/L			10/29/25 14:20	2
Chlorobenzene	2.0	U	2.0	1.5	ug/L			10/29/25 14:20	2
Chloroethane	2.0	U	2.0	0.64	ug/L			10/29/25 14:20	2
Chloroform	2.0	U	2.0	0.68	ug/L			10/29/25 14:20	2
Chloromethane	2.0	U	2.0	0.70	ug/L			10/29/25 14:20	2
cis-1,2-Dichloroethene	2.0	U	2.0	1.6	ug/L			10/29/25 14:20	2
cis-1,3-Dichloropropene	2.0	U	2.0	0.72	ug/L			10/29/25 14:20	2
Cyclohexane	2.0	U	2.0	0.36	ug/L			10/29/25 14:20	2
Dibromochloromethane	2.0	U	2.0	0.64	ug/L			10/29/25 14:20	2
Dichlorodifluoromethane	2.0	U	2.0	1.4	ug/L			10/29/25 14:20	2
Ethylbenzene	2.0	U	2.0	1.5	ug/L			10/29/25 14:20	2
Isopropylbenzene	2.0	U	2.0	1.6	ug/L			10/29/25 14:20	2
Methyl acetate	5.0	U	5.0	2.6	ug/L			10/29/25 14:20	2
Methyl tert-butyl ether	2.0	U	2.0	0.32	ug/L			10/29/25 14:20	2

Client Sample ID: SAN-MW-15A(10222025)
Lab Sample ID: 480-233902-10
Date Collected: 10/22/25 15:10
Matrix: Water
Date Received: 10/24/25 10:00

Method: SW846 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methylcyclohexane	2.0	U	2.0	0.32	ug/L			10/29/25 14:20	2
Methylene Chloride	2.0	U	2.0	0.88	ug/L			10/29/25 14:20	2
Styrene	2.0	U	2.0	1.5	ug/L			10/29/25 14:20	2
Tetrachloroethene	2.0	U	2.0	0.72	ug/L			10/29/25 14:20	2
Toluene	2.0	U	2.0	1.0	ug/L			10/29/25 14:20	2
trans-1,2-Dichloroethene	2.0	U	2.0	1.8	ug/L			10/29/25 14:20	2
trans-1,3-Dichloropropene	2.0	U	2.0	0.74	ug/L			10/29/25 14:20	2
Trichloroethene	**1.4**	**J**	2.0	0.92	ug/L			10/29/25 14:20	2
Trichlorofluoromethane	2.0	U	2.0	1.8	ug/L			10/29/25 14:20	2
Vinyl chloride	2.0	U	2.0	1.8	ug/L			10/29/25 14:20	2
Xylenes, Total	4.0	U	4.0	1.3	ug/L			10/29/25 14:20	2

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Isopropyl Alcohol	*43*	*T J N*	*ug/L*		*2.32*	*67-63-0*		*10/29/25 14:20*	*2*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*110*		*77 - 120*		*10/29/25 14:20*	*2*
4-Bromofluorobenzene (Surr)	*93*		*73 - 120*		*10/29/25 14:20*	*2*
Dibromofluoromethane (Surr)	*100*		*75 - 123*		*10/29/25 14:20*	*2*
Toluene-d8 (Surr)	*95*		*80 - 120*		*10/29/25 14:20*	*2*

Client Sample ID: SAN-MW-32(10222025)
Lab Sample ID: 480-233902-11
Date Collected: 10/22/25 12:15
Matrix: Water
Date Received: 10/24/25 10:00

Method: SW846 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	**3.7**		1.0	0.82	ug/L			10/28/25 18:02	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.21	ug/L			10/28/25 18:02	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.31	ug/L			10/28/25 18:02	1
1,1,2-Trichloroethane	1.0	U	1.0	0.23	ug/L			10/28/25 18:02	1
1,1-Dichloroethane	**0.60**	**J**	1.0	0.38	ug/L			10/28/25 18:02	1
1,1-Dichloroethene	1.0	U	1.0	0.29	ug/L			10/28/25 18:02	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.41	ug/L			10/28/25 18:02	1
1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.39	ug/L			10/28/25 18:02	1
1,2-Dibromoethane	1.0	U	1.0	0.73	ug/L			10/28/25 18:02	1
1,2-Dichlorobenzene	1.0	U	1.0	0.79	ug/L			10/28/25 18:02	1
1,2-Dichloroethane	1.0	U	1.0	0.21	ug/L			10/28/25 18:02	1
1,2-Dichloropropane	1.0	U	1.0	0.72	ug/L			10/28/25 18:02	1
1,3-Dichlorobenzene	1.0	U	1.0	0.78	ug/L			10/28/25 18:02	1
1,4-Dichlorobenzene	1.0	U	1.0	0.84	ug/L			10/28/25 18:02	1
2-Butanone (MEK)	10	U	10	1.3	ug/L			10/28/25 18:02	1
2-Hexanone	5.0	U TH	5.0	1.2	ug/L			10/28/25 18:02	1
4-Methyl-2-pentanone (MIBK)	5.0	U TH	5.0	2.1	ug/L			10/28/25 18:02	1
Acetone	**170**		10	3.0	ug/L			10/28/25 18:02	1
Benzene	1.0	U	1.0	0.41	ug/L			10/28/25 18:02	1
Bromodichloromethane	1.0	U	1.0	0.39	ug/L			10/28/25 18:02	1
Bromoform	1.0	U	1.0	0.26	ug/L			10/28/25 18:02	1
Bromomethane	1.0	U	1.0	0.69	ug/L			10/28/25 18:02	1
Carbon disulfide	1.0	U	1.0	0.19	ug/L			10/28/25 18:02	1

Client Sample ID: SAN-MW-32(10222025)
Lab Sample ID: 480-233902-11
Date Collected: 10/22/25 12:15
Matrix: Water
Date Received: 10/24/25 10:00

Method: SW846 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon tetrachloride	1.0	U	1.0	0.27	ug/L			10/28/25 18:02	1
Chlorobenzene	1.0	U	1.0	0.75	ug/L			10/28/25 18:02	1
Chloroethane	1.0	U	1.0	0.32	ug/L			10/28/25 18:02	1
Chloroform	1.0	U	1.0	0.34	ug/L			10/28/25 18:02	1
Chloromethane	1.0	U	1.0	0.35	ug/L			10/28/25 18:02	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.81	ug/L			10/28/25 18:02	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.36	ug/L			10/28/25 18:02	1
Cyclohexane	1.0	U	1.0	0.18	ug/L			10/28/25 18:02	1
Dibromochloromethane	1.0	U	1.0	0.32	ug/L			10/28/25 18:02	1
Dichlorodifluoromethane	1.0	U	1.0	0.68	ug/L			10/28/25 18:02	1
Ethylbenzene	1.0	U	1.0	0.74	ug/L			10/28/25 18:02	1
Isopropylbenzene	1.0	U	1.0	0.79	ug/L			10/28/25 18:02	1
Methyl acetate	2.5	U	2.5	1.3	ug/L			10/28/25 18:02	1
Methyl tert-butyl ether	1.0	U	1.0	0.16	ug/L			10/28/25 18:02	1
Methylcyclohexane	1.0	U	1.0	0.16	ug/L			10/28/25 18:02	1
Methylene Chloride	1.0	U	1.0	0.44	ug/L			10/28/25 18:02	1
Styrene	1.0	U	1.0	0.73	ug/L			10/28/25 18:02	1
Tetrachloroethene	1.0	U	1.0	0.36	ug/L			10/28/25 18:02	1
Toluene	1.0	U	1.0	0.51	ug/L			10/28/25 18:02	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.90	ug/L			10/28/25 18:02	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.37	ug/L			10/28/25 18:02	1
Trichloroethene	**3.7**		1.0	0.46	ug/L			10/28/25 18:02	1
Trichlorofluoromethane	1.0	U	1.0	0.88	ug/L			10/28/25 18:02	1
Vinyl chloride	1.0	U	1.0	0.90	ug/L			10/28/25 18:02	1
Xylenes, Total	2.0	U	2.0	0.66	ug/L			10/28/25 18:02	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*ug/L*			*N/A*		*10/28/25 18:02*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*108*		*77 - 120*		*10/28/25 18:02*	*1*
4-Bromofluorobenzene (Surr)	*89*		*73 - 120*		*10/28/25 18:02*	*1*
Dibromofluoromethane (Surr)	*100*		*75 - 123*		*10/28/25 18:02*	*1*
Toluene-d8 (Surr)	*92*		*80 - 120*		*10/28/25 18:02*	*1*

Client Sample ID: SAN-MW-33A(10222025)
Lab Sample ID: 480-233902-12
Date Collected: 10/22/25 12:10
Matrix: Water
Date Received: 10/24/25 10:00

Method: SW846 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	4.0	U	4.0	3.3	ug/L			10/28/25 18:25	4
1,1,2,2-Tetrachloroethane	4.0	U	4.0	0.84	ug/L			10/28/25 18:25	4
1,1,2-Trichloro-1,2,2-trifluoroethane	4.0	U	4.0	1.2	ug/L			10/28/25 18:25	4
1,1,2-Trichloroethane	4.0	U	4.0	0.92	ug/L			10/28/25 18:25	4
1,1-Dichloroethane	4.0	U	4.0	1.5	ug/L			10/28/25 18:25	4
1,1-Dichloroethene	4.0	U	4.0	1.2	ug/L			10/28/25 18:25	4
1,2,4-Trichlorobenzene	4.0	U	4.0	1.6	ug/L			10/28/25 18:25	4
1,2-Dibromo-3-Chloropropane	4.0	U	4.0	1.6	ug/L			10/28/25 18:25	4
1,2-Dibromoethane	4.0	U	4.0	2.9	ug/L			10/28/25 18:25	4

Client Sample ID: SAN-MW-33A(10222025)
Lab Sample ID: 480-233902-12

Date Collected: 10/22/25 12:10
Matrix: Water
Date Received: 10/24/25 10:00

Method: SW846 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichlorobenzene	4.0	U	4.0	3.2	ug/L			10/28/25 18:25	4
1,2-Dichloroethane	4.0	U	4.0	0.84	ug/L			10/28/25 18:25	4
1,2-Dichloropropane	4.0	U	4.0	2.9	ug/L			10/28/25 18:25	4
1,3-Dichlorobenzene	4.0	U	4.0	3.1	ug/L			10/28/25 18:25	4
1,4-Dichlorobenzene	4.0	U	4.0	3.4	ug/L			10/28/25 18:25	4
2-Butanone (MEK)	40	U	40	5.3	ug/L			10/28/25 18:25	4
2-Hexanone	20	U TH	20	5.0	ug/L			10/28/25 18:25	4
4-Methyl-2-pentanone (MIBK)	20	U TH	20	8.4	ug/L			10/28/25 18:25	4
Acetone	**1100**		40	12	ug/L			10/28/25 18:25	4
Benzene	4.0	U	4.0	1.6	ug/L			10/28/25 18:25	4
Bromodichloromethane	4.0	U	4.0	1.6	ug/L			10/28/25 18:25	4
Bromoform	4.0	U	4.0	1.0	ug/L			10/28/25 18:25	4
Bromomethane	4.0	U	4.0	2.8	ug/L			10/28/25 18:25	4
Carbon disulfide	4.0	U	4.0	0.76	ug/L			10/28/25 18:25	4
Carbon tetrachloride	4.0	U	4.0	1.1	ug/L			10/28/25 18:25	4
Chlorobenzene	4.0	U	4.0	3.0	ug/L			10/28/25 18:25	4
Chloroethane	4.0	U	4.0	1.3	ug/L			10/28/25 18:25	4
Chloroform	4.0	U	4.0	1.4	ug/L			10/28/25 18:25	4
Chloromethane	4.0	U	4.0	1.4	ug/L			10/28/25 18:25	4
cis-1,2-Dichloroethene	4.0	U	4.0	3.2	ug/L			10/28/25 18:25	4
cis-1,3-Dichloropropene	4.0	U	4.0	1.4	ug/L			10/28/25 18:25	4
Cyclohexane	4.0	U	4.0	0.72	ug/L			10/28/25 18:25	4
Dibromochloromethane	4.0	U	4.0	1.3	ug/L			10/28/25 18:25	4
Dichlorodifluoromethane	4.0	U	4.0	2.7	ug/L			10/28/25 18:25	4
Ethylbenzene	4.0	U	4.0	3.0	ug/L			10/28/25 18:25	4
Isopropylbenzene	4.0	U	4.0	3.2	ug/L			10/28/25 18:25	4
Methyl acetate	10	U	10	5.2	ug/L			10/28/25 18:25	4
Methyl tert-butyl ether	4.0	U	4.0	0.64	ug/L			10/28/25 18:25	4
Methylcyclohexane	4.0	U	4.0	0.64	ug/L			10/28/25 18:25	4
Methylene Chloride	4.0	U	4.0	1.8	ug/L			10/28/25 18:25	4
Styrene	4.0	U	4.0	2.9	ug/L			10/28/25 18:25	4
Tetrachloroethene	4.0	U	4.0	1.4	ug/L			10/28/25 18:25	4
Toluene	4.0	U	4.0	2.0	ug/L			10/28/25 18:25	4
trans-1,2-Dichloroethene	4.0	U	4.0	3.6	ug/L			10/28/25 18:25	4
trans-1,3-Dichloropropene	4.0	U	4.0	1.5	ug/L			10/28/25 18:25	4
Trichloroethene	**3.8**	**J**	4.0	1.8	ug/L			10/28/25 18:25	4
Trichlorofluoromethane	4.0	U	4.0	3.5	ug/L			10/28/25 18:25	4
Vinyl chloride	4.0	U	4.0	3.6	ug/L			10/28/25 18:25	4
Xylenes, Total	8.0	U	8.0	2.6	ug/L			10/28/25 18:25	4

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Unknown	*18*	*T J*	*ug/L*		*2.33*	*N/A*		*10/28/25 18:25*	*4*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*107*		*77 - 120*		*10/28/25 18:25*	*4*
4-Bromofluorobenzene (Surr)	*91*		*73 - 120*		*10/28/25 18:25*	*4*
Dibromofluoromethane (Surr)	*97*		*75 - 123*		*10/28/25 18:25*	*4*
Toluene-d8 (Surr)	*99*		*80 - 120*		*10/28/25 18:25*	*4*

Client: ERM-Northeast
Job ID: 480-233902-1
Project/Site: Sanmina Investigation - Owego, NY

Client Sample ID: SAN-MW-31(10222025
Lab Sample ID: 480-233902-13
Date Collected: 10/22/25 13:05
Matrix: Water
Date Received: 10/24/25 10:00

Method: SW846 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	4.0	U	4.0	3.3	ug/L			10/29/25 14:43	4
1,1,2,2-Tetrachloroethane	4.0	U	4.0	0.84	ug/L			10/29/25 14:43	4
1,1,2-Trichloro-1,2,2-trifluoroethane	4.0	U	4.0	1.2	ug/L			10/29/25 14:43	4
1,1,2-Trichloroethane	4.0	U	4.0	0.92	ug/L			10/29/25 14:43	4
1,1-Dichloroethane	4.0	U	4.0	1.5	ug/L			10/29/25 14:43	4
1,1-Dichloroethene	4.0	U	4.0	1.2	ug/L			10/29/25 14:43	4
1,2,4-Trichlorobenzene	4.0	U	4.0	1.6	ug/L			10/29/25 14:43	4
1,2-Dibromo-3-Chloropropane	4.0	U	4.0	1.6	ug/L			10/29/25 14:43	4
1,2-Dibromoethane	4.0	U	4.0	2.9	ug/L			10/29/25 14:43	4
1,2-Dichlorobenzene	4.0	U	4.0	3.2	ug/L			10/29/25 14:43	4
1,2-Dichloroethane	4.0	U	4.0	0.84	ug/L			10/29/25 14:43	4
1,2-Dichloropropane	4.0	U	4.0	2.9	ug/L			10/29/25 14:43	4
1,3-Dichlorobenzene	4.0	U	4.0	3.1	ug/L			10/29/25 14:43	4
1,4-Dichlorobenzene	4.0	U	4.0	3.4	ug/L			10/29/25 14:43	4
2-Butanone (MEK)	40	U	40	5.3	ug/L			10/29/25 14:43	4
2-Hexanone	20	U TH	20	5.0	ug/L			10/29/25 14:43	4
4-Methyl-2-pentanone (MIBK)	20	U	20	8.4	ug/L			10/29/25 14:43	4
Acetone	**980**		40	12	ug/L			10/29/25 14:43	4
Benzene	4.0	U	4.0	1.6	ug/L			10/29/25 14:43	4
Bromodichloromethane	4.0	U	4.0	1.6	ug/L			10/29/25 14:43	4
Bromoform	4.0	U	4.0	1.0	ug/L			10/29/25 14:43	4
Bromomethane	4.0	U	4.0	2.8	ug/L			10/29/25 14:43	4
Carbon disulfide	4.0	U	4.0	0.76	ug/L			10/29/25 14:43	4
Carbon tetrachloride	4.0	U	4.0	1.1	ug/L			10/29/25 14:43	4
Chlorobenzene	4.0	U	4.0	3.0	ug/L			10/29/25 14:43	4
Chloroethane	4.0	U	4.0	1.3	ug/L			10/29/25 14:43	4
Chloroform	4.0	U	4.0	1.4	ug/L			10/29/25 14:43	4
Chloromethane	4.0	U	4.0	1.4	ug/L			10/29/25 14:43	4
cis-1,2-Dichloroethene	4.0	U	4.0	3.2	ug/L			10/29/25 14:43	4
cis-1,3-Dichloropropene	4.0	U	4.0	1.4	ug/L			10/29/25 14:43	4
Cyclohexane	4.0	U	4.0	0.72	ug/L			10/29/25 14:43	4
Dibromochloromethane	4.0	U	4.0	1.3	ug/L			10/29/25 14:43	4
Dichlorodifluoromethane	4.0	U	4.0	2.7	ug/L			10/29/25 14:43	4
Ethylbenzene	4.0	U	4.0	3.0	ug/L			10/29/25 14:43	4
Isopropylbenzene	4.0	U	4.0	3.2	ug/L			10/29/25 14:43	4
Methyl acetate	10	U	10	5.2	ug/L			10/29/25 14:43	4
Methyl tert-butyl ether	4.0	U	4.0	0.64	ug/L			10/29/25 14:43	4
Methylcyclohexane	4.0	U	4.0	0.64	ug/L			10/29/25 14:43	4
Methylene Chloride	4.0	U	4.0	1.8	ug/L			10/29/25 14:43	4
Styrene	4.0	U	4.0	2.9	ug/L			10/29/25 14:43	4
Tetrachloroethene	4.0	U	4.0	1.4	ug/L			10/29/25 14:43	4
Toluene	4.0	U	4.0	2.0	ug/L			10/29/25 14:43	4
trans-1,2-Dichloroethene	4.0	U	4.0	3.6	ug/L			10/29/25 14:43	4
trans-1,3-Dichloropropene	4.0	U	4.0	1.5	ug/L			10/29/25 14:43	4
Trichloroethene	4.0	U	4.0	1.8	ug/L			10/29/25 14:43	4
Trichlorofluoromethane	4.0	U	4.0	3.5	ug/L			10/29/25 14:43	4
Vinyl chloride	4.0	U	4.0	3.6	ug/L			10/29/25 14:43	4
Xylenes, Total	8.0	U	8.0	2.6	ug/L			10/29/25 14:43	4

Client Sample ID: SAN-MW-31(10222025

Lab Sample ID: 480-233902-13

Date Collected: 10/22/25 13:05

Matrix: Water

Date Received: 10/24/25 10:00

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Isopropyl Alcohol	28	T J N	ug/L		2.33	67-63-0		10/29/25 14:43	4

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	107		77 - 120		10/29/25 14:43	4
4-Bromofluorobenzene (Surr)	91		73 - 120		10/29/25 14:43	4
Dibromofluoromethane (Surr)	98		75 - 123		10/29/25 14:43	4
Toluene-d8 (Surr)	95		80 - 120		10/29/25 14:43	4

Client Sample ID: SAN-MW-30(10222025)

Lab Sample ID: 480-233902-14

Date Collected: 10/22/25 13:00

Matrix: Water

Date Received: 10/24/25 10:00

Method: SW846 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.0	U	1.0	0.82	ug/L			10/28/25 19:11	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.21	ug/L			10/28/25 19:11	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.31	ug/L			10/28/25 19:11	1
1,1,2-Trichloroethane	1.0	U	1.0	0.23	ug/L			10/28/25 19:11	1
1,1-Dichloroethane	1.0	U	1.0	0.38	ug/L			10/28/25 19:11	1
1,1-Dichloroethene	1.0	U	1.0	0.29	ug/L			10/28/25 19:11	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.41	ug/L			10/28/25 19:11	1
1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.39	ug/L			10/28/25 19:11	1
1,2-Dibromoethane	1.0	U	1.0	0.73	ug/L			10/28/25 19:11	1
1,2-Dichlorobenzene	1.0	U	1.0	0.79	ug/L			10/28/25 19:11	1
1,2-Dichloroethane	1.0	U	1.0	0.21	ug/L			10/28/25 19:11	1
1,2-Dichloropropane	1.0	U	1.0	0.72	ug/L			10/28/25 19:11	1
1,3-Dichlorobenzene	1.0	U	1.0	0.78	ug/L			10/28/25 19:11	1
1,4-Dichlorobenzene	1.0	U	1.0	0.84	ug/L			10/28/25 19:11	1
2-Butanone (MEK)	10	U	10	1.3	ug/L			10/28/25 19:11	1
2-Hexanone	5.0	U TH	5.0	1.2	ug/L			10/28/25 19:11	1
4-Methyl-2-pentanone (MIBK)	5.0	U TH	5.0	2.1	ug/L			10/28/25 19:11	1
Acetone	**420**		10	3.0	ug/L			10/28/25 19:11	1
Benzene	1.0	U	1.0	0.41	ug/L			10/28/25 19:11	1
Bromodichloromethane	1.0	U	1.0	0.39	ug/L			10/28/25 19:11	1
Bromoform	1.0	U	1.0	0.26	ug/L			10/28/25 19:11	1
Bromomethane	1.0	U	1.0	0.69	ug/L			10/28/25 19:11	1
Carbon disulfide	1.0	U	1.0	0.19	ug/L			10/28/25 19:11	1
Carbon tetrachloride	1.0	U	1.0	0.27	ug/L			10/28/25 19:11	1
Chlorobenzene	1.0	U	1.0	0.75	ug/L			10/28/25 19:11	1
Chloroethane	1.0	U	1.0	0.32	ug/L			10/28/25 19:11	1
Chloroform	1.0	U	1.0	0.34	ug/L			10/28/25 19:11	1
Chloromethane	1.0	U	1.0	0.35	ug/L			10/28/25 19:11	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.81	ug/L			10/28/25 19:11	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.36	ug/L			10/28/25 19:11	1
Cyclohexane	**0.22**	**J**	1.0	0.18	ug/L			10/28/25 19:11	1
Dibromochloromethane	1.0	U	1.0	0.32	ug/L			10/28/25 19:11	1
Dichlorodifluoromethane	1.0	U	1.0	0.68	ug/L			10/28/25 19:11	1
Ethylbenzene	1.0	U	1.0	0.74	ug/L			10/28/25 19:11	1
Isopropylbenzene	1.0	U	1.0	0.79	ug/L			10/28/25 19:11	1
Methyl acetate	2.5	U	2.5	1.3	ug/L			10/28/25 19:11	1
Methyl tert-butyl ether	1.0	U	1.0	0.16	ug/L			10/28/25 19:11	1

Client Sample ID: SAN-MW-30(10222025)
Lab Sample ID: 480-233902-14

Date Collected: 10/22/25 13:00
Matrix: Water
Date Received: 10/24/25 10:00

Method: SW846 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methylcyclohexane	1.0	U	1.0	0.16	ug/L			10/28/25 19:11	1
Methylene Chloride	1.0	U	1.0	0.44	ug/L			10/28/25 19:11	1
Styrene	1.0	U	1.0	0.73	ug/L			10/28/25 19:11	1
Tetrachloroethene	1.0	U	1.0	0.36	ug/L			10/28/25 19:11	1
Toluene	1.0	U	1.0	0.51	ug/L			10/28/25 19:11	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.90	ug/L			10/28/25 19:11	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.37	ug/L			10/28/25 19:11	1
Trichloroethene	1.0	U	1.0	0.46	ug/L			10/28/25 19:11	1
Trichlorofluoromethane	1.0	U	1.0	0.88	ug/L			10/28/25 19:11	1
Vinyl chloride	1.0	U	1.0	0.90	ug/L			10/28/25 19:11	1
Xylenes, Total	2.0	U	2.0	0.66	ug/L			10/28/25 19:11	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Isopropyl Alcohol	*42*	*T J N*	*ug/L*		*2.33*	*67-63-0*		*10/28/25 19:11*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*110*		*77 - 120*		*10/28/25 19:11*	*1*
4-Bromofluorobenzene (Surr)	*94*		*73 - 120*		*10/28/25 19:11*	*1*
Dibromofluoromethane (Surr)	*97*		*75 - 123*		*10/28/25 19:11*	*1*
Toluene-d8 (Surr)	*96*		*80 - 120*		*10/28/25 19:11*	*1*

Client Sample ID: SAN-INF(10222025)
Lab Sample ID: 480-233902-15

Date Collected: 10/22/25 16:00
Matrix: Water
Date Received: 10/24/25 10:00

Method: SW846 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	**23**		2.0	1.6	ug/L			10/28/25 19:34	2
1,1,2,2-Tetrachloroethane	2.0	U	2.0	0.42	ug/L			10/28/25 19:34	2
1,1,2-Trichloro-1,2,2-trifluoroethane	2.0	U	2.0	0.62	ug/L			10/28/25 19:34	2
1,1,2-Trichloroethane	2.0	U	2.0	0.46	ug/L			10/28/25 19:34	2
1,1-Dichloroethane	**13**		2.0	0.76	ug/L			10/28/25 19:34	2
1,1-Dichloroethene	**9.7**		2.0	0.58	ug/L			10/28/25 19:34	2
1,2,4-Trichlorobenzene	2.0	U	2.0	0.82	ug/L			10/28/25 19:34	2
1,2-Dibromo-3-Chloropropane	2.0	U	2.0	0.78	ug/L			10/28/25 19:34	2
1,2-Dibromoethane	2.0	U	2.0	1.5	ug/L			10/28/25 19:34	2
1,2-Dichlorobenzene	2.0	U	2.0	1.6	ug/L			10/28/25 19:34	2
1,2-Dichloroethane	2.0	U	2.0	0.42	ug/L			10/28/25 19:34	2
1,2-Dichloropropane	2.0	U	2.0	1.4	ug/L			10/28/25 19:34	2
1,3-Dichlorobenzene	2.0	U	2.0	1.6	ug/L			10/28/25 19:34	2
1,4-Dichlorobenzene	2.0	U	2.0	1.7	ug/L			10/28/25 19:34	2
2-Butanone (MEK)	20	U	20	2.6	ug/L			10/28/25 19:34	2
2-Hexanone	10	U TH	10	2.5	ug/L			10/28/25 19:34	2
4-Methyl-2-pentanone (MIBK)	10	U TH	10	4.2	ug/L			10/28/25 19:34	2
Acetone	20	U	20	6.0	ug/L			10/28/25 19:34	2
Benzene	2.0	U	2.0	0.82	ug/L			10/28/25 19:34	2
Bromodichloromethane	2.0	U	2.0	0.78	ug/L			10/28/25 19:34	2
Bromoform	2.0	U	2.0	0.52	ug/L			10/28/25 19:34	2
Bromomethane	2.0	U	2.0	1.4	ug/L			10/28/25 19:34	2
Carbon disulfide	2.0	U	2.0	0.38	ug/L			10/28/25 19:34	2

Client: ERM-Northeast
Job ID: 480-233902-1
Project/Site: Sanmina Investigation - Owego, NY

Client Sample ID: SAN-INF(10222025)
Lab Sample ID: 480-233902-15
Date Collected: 10/22/25 16:00
Matrix: Water
Date Received: 10/24/25 10:00

Method: SW846 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon tetrachloride	2.0	U	2.0	0.54	ug/L			10/28/25 19:34	2
Chlorobenzene	2.0	U	2.0	1.5	ug/L			10/28/25 19:34	2
Chloroethane	2.0	U	2.0	0.64	ug/L			10/28/25 19:34	2
Chloroform	2.0	U	2.0	0.68	ug/L			10/28/25 19:34	2
Chloromethane	2.0	U	2.0	0.70	ug/L			10/28/25 19:34	2
cis-1,2-Dichloroethene	**40**		2.0	1.6	ug/L			10/28/25 19:34	2
cis-1,3-Dichloropropene	2.0	U	2.0	0.72	ug/L			10/28/25 19:34	2
Cyclohexane	2.0	U	2.0	0.36	ug/L			10/28/25 19:34	2
Dibromochloromethane	2.0	U	2.0	0.64	ug/L			10/28/25 19:34	2
Dichlorodifluoromethane	2.0	U	2.0	1.4	ug/L			10/28/25 19:34	2
Ethylbenzene	2.0	U	2.0	1.5	ug/L			10/28/25 19:34	2
Isopropylbenzene	2.0	U	2.0	1.6	ug/L			10/28/25 19:34	2
Methyl acetate	5.0	U	5.0	2.6	ug/L			10/28/25 19:34	2
Methyl tert-butyl ether	2.0	U	2.0	0.32	ug/L			10/28/25 19:34	2
Methylcyclohexane	2.0	U	2.0	0.32	ug/L			10/28/25 19:34	2
Methylene Chloride	2.0	U	2.0	0.88	ug/L			10/28/25 19:34	2
Styrene	2.0	U	2.0	1.5	ug/L			10/28/25 19:34	2
Tetrachloroethene	2.0	U	2.0	0.72	ug/L			10/28/25 19:34	2
Toluene	2.0	U	2.0	1.0	ug/L			10/28/25 19:34	2
trans-1,2-Dichloroethene	2.0	U	2.0	1.8	ug/L			10/28/25 19:34	2
trans-1,3-Dichloropropene	2.0	U	2.0	0.74	ug/L			10/28/25 19:34	2
Trichloroethene	**110**		2.0	0.92	ug/L			10/28/25 19:34	2
Trichlorofluoromethane	2.0	U	2.0	1.8	ug/L			10/28/25 19:34	2
Vinyl chloride	2.0	U	2.0	1.8	ug/L			10/28/25 19:34	2
Xylenes, Total	4.0	U	4.0	1.3	ug/L			10/28/25 19:34	2

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*ug/L*			*N/A*		*10/28/25 19:34*	*2*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*109*		*77 - 120*		*10/28/25 19:34*	*2*
4-Bromofluorobenzene (Surr)	*90*		*73 - 120*		*10/28/25 19:34*	*2*
Dibromofluoromethane (Surr)	*94*		*75 - 123*		*10/28/25 19:34*	*2*
Toluene-d8 (Surr)	*96*		*80 - 120*		*10/28/25 19:34*	*2*

Client Sample ID: SAN-DUP(10222025)
Lab Sample ID: 480-233902-16
Date Collected: 10/22/25 12:00
Matrix: Water
Date Received: 10/24/25 10:00

Method: SW846 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	**21**		2.0	1.6	ug/L			10/28/25 19:58	2
1,1,2,2-Tetrachloroethane	2.0	U	2.0	0.42	ug/L			10/28/25 19:58	2
1,1,2-Trichloro-1,2,2-trifluoroethane	2.0	U	2.0	0.62	ug/L			10/28/25 19:58	2
1,1,2-Trichloroethane	2.0	U	2.0	0.46	ug/L			10/28/25 19:58	2
1,1-Dichloroethane	**12**		2.0	0.76	ug/L			10/28/25 19:58	2
1,1-Dichloroethene	**9.3**		2.0	0.58	ug/L			10/28/25 19:58	2
1,2,4-Trichlorobenzene	2.0	U	2.0	0.82	ug/L			10/28/25 19:58	2
1,2-Dibromo-3-Chloropropane	2.0	U	2.0	0.78	ug/L			10/28/25 19:58	2
1,2-Dibromoethane	2.0	U	2.0	1.5	ug/L			10/28/25 19:58	2

Client: ERM-Northeast
Project/Site: Sanmina Investigation - Owego, NY

Job ID: 480-233902-1

Client Sample ID: SAN-DUP(10222025)

Date Collected: 10/22/25 12:00
Date Received: 10/24/25 10:00

Lab Sample ID: 480-233902-16

Matrix: Water

Method: SW846 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichlorobenzene	2.0	U	2.0	1.6	ug/L			10/28/25 19:58	2
1,2-Dichloroethane	2.0	U	2.0	0.42	ug/L			10/28/25 19:58	2
1,2-Dichloropropane	2.0	U	2.0	1.4	ug/L			10/28/25 19:58	2
1,3-Dichlorobenzene	2.0	U	2.0	1.6	ug/L			10/28/25 19:58	2
1,4-Dichlorobenzene	2.0	U	2.0	1.7	ug/L			10/28/25 19:58	2
2-Butanone (MEK)	20	U	20	2.6	ug/L			10/28/25 19:58	2
2-Hexanone	10	U TH	10	2.5	ug/L			10/28/25 19:58	2
4-Methyl-2-pentanone (MIBK)	10	U TH	10	4.2	ug/L			10/28/25 19:58	2
Acetone	20	U	20	6.0	ug/L			10/28/25 19:58	2
Benzene	2.0	U	2.0	0.82	ug/L			10/28/25 19:58	2
Bromodichloromethane	2.0	U	2.0	0.78	ug/L			10/28/25 19:58	2
Bromoform	2.0	U	2.0	0.52	ug/L			10/28/25 19:58	2
Bromomethane	2.0	U	2.0	1.4	ug/L			10/28/25 19:58	2
Carbon disulfide	2.0	U	2.0	0.38	ug/L			10/28/25 19:58	2
Carbon tetrachloride	2.0	U	2.0	0.54	ug/L			10/28/25 19:58	2
Chlorobenzene	2.0	U	2.0	1.5	ug/L			10/28/25 19:58	2
Chloroethane	2.0	U	2.0	0.64	ug/L			10/28/25 19:58	2
Chloroform	2.0	U	2.0	0.68	ug/L			10/28/25 19:58	2
Chloromethane	2.0	U	2.0	0.70	ug/L			10/28/25 19:58	2
cis-1,2-Dichloroethene	**39**		2.0	1.6	ug/L			10/28/25 19:58	2
cis-1,3-Dichloropropene	2.0	U	2.0	0.72	ug/L			10/28/25 19:58	2
Cyclohexane	2.0	U	2.0	0.36	ug/L			10/28/25 19:58	2
Dibromochloromethane	2.0	U	2.0	0.64	ug/L			10/28/25 19:58	2
Dichlorodifluoromethane	2.0	U	2.0	1.4	ug/L			10/28/25 19:58	2
Ethylbenzene	2.0	U	2.0	1.5	ug/L			10/28/25 19:58	2
Isopropylbenzene	2.0	U	2.0	1.6	ug/L			10/28/25 19:58	2
Methyl acetate	5.0	U	5.0	2.6	ug/L			10/28/25 19:58	2
Methyl tert-butyl ether	2.0	U	2.0	0.32	ug/L			10/28/25 19:58	2
Methylcyclohexane	2.0	U	2.0	0.32	ug/L			10/28/25 19:58	2
Methylene Chloride	2.0	U	2.0	0.88	ug/L			10/28/25 19:58	2
Styrene	2.0	U	2.0	1.5	ug/L			10/28/25 19:58	2
Tetrachloroethene	2.0	U	2.0	0.72	ug/L			10/28/25 19:58	2
Toluene	2.0	U	2.0	1.0	ug/L			10/28/25 19:58	2
trans-1,2-Dichloroethene	2.0	U	2.0	1.8	ug/L			10/28/25 19:58	2
trans-1,3-Dichloropropene	2.0	U	2.0	0.74	ug/L			10/28/25 19:58	2
Trichloroethene	**100**		2.0	0.92	ug/L			10/28/25 19:58	2
Trichlorofluoromethane	2.0	U	2.0	1.8	ug/L			10/28/25 19:58	2
Vinyl chloride	2.0	U	2.0	1.8	ug/L			10/28/25 19:58	2
Xylenes, Total	4.0	U	4.0	1.3	ug/L			10/28/25 19:58	2

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*ug/L*			*N/A*		*10/28/25 19:58*	*2*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*107*		*77 - 120*		*10/28/25 19:58*	*2*
4-Bromofluorobenzene (Surr)	*96*		*73 - 120*		*10/28/25 19:58*	*2*
Dibromofluoromethane (Surr)	*97*		*75 - 123*		*10/28/25 19:58*	*2*
Toluene-d8 (Surr)	*97*		*80 - 120*		*10/28/25 19:58*	*2*

Client: ERM-Northeast
Job ID: 480-233902-1
Project/Site: Sanmina Investigation - Owego, NY

Client Sample ID: SAN-EFF(10222025)
Lab Sample ID: 480-233902-17
Date Collected: 10/22/25 16:05
Matrix: Water
Date Received: 10/24/25 10:00

Method: SW846 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	**0.96**	**J**	1.0	0.82	ug/L			10/28/25 20:21	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.21	ug/L			10/28/25 20:21	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.31	ug/L			10/28/25 20:21	1
1,1,2-Trichloroethane	1.0	U	1.0	0.23	ug/L			10/28/25 20:21	1
1,1-Dichloroethane	**0.89**	**J**	1.0	0.38	ug/L			10/28/25 20:21	1
1,1-Dichloroethene	1.0	U	1.0	0.29	ug/L			10/28/25 20:21	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.41	ug/L			10/28/25 20:21	1
1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.39	ug/L			10/28/25 20:21	1
1,2-Dibromoethane	1.0	U	1.0	0.73	ug/L			10/28/25 20:21	1
1,2-Dichlorobenzene	1.0	U	1.0	0.79	ug/L			10/28/25 20:21	1
1,2-Dichloroethane	1.0	U	1.0	0.21	ug/L			10/28/25 20:21	1
1,2-Dichloropropane	1.0	U	1.0	0.72	ug/L			10/28/25 20:21	1
1,3-Dichlorobenzene	1.0	U	1.0	0.78	ug/L			10/28/25 20:21	1
1,4-Dichlorobenzene	1.0	U	1.0	0.84	ug/L			10/28/25 20:21	1
2-Butanone (MEK)	10	U	10	1.3	ug/L			10/28/25 20:21	1
2-Hexanone	5.0	U TH	5.0	1.2	ug/L			10/28/25 20:21	1
4-Methyl-2-pentanone (MIBK)	5.0	U TH	5.0	2.1	ug/L			10/28/25 20:21	1
Acetone	10	U	10	3.0	ug/L			10/28/25 20:21	1
Benzene	1.0	U	1.0	0.41	ug/L			10/28/25 20:21	1
Bromodichloromethane	1.0	U	1.0	0.39	ug/L			10/28/25 20:21	1
Bromoform	1.0	U	1.0	0.26	ug/L			10/28/25 20:21	1
Bromomethane	1.0	U	1.0	0.69	ug/L			10/28/25 20:21	1
Carbon disulfide	1.0	U	1.0	0.19	ug/L			10/28/25 20:21	1
Carbon tetrachloride	1.0	U	1.0	0.27	ug/L			10/28/25 20:21	1
Chlorobenzene	1.0	U	1.0	0.75	ug/L			10/28/25 20:21	1
Chloroethane	1.0	U	1.0	0.32	ug/L			10/28/25 20:21	1
Chloroform	1.0	U	1.0	0.34	ug/L			10/28/25 20:21	1
Chloromethane	1.0	U	1.0	0.35	ug/L			10/28/25 20:21	1
cis-1,2-Dichloroethene	**4.2**		1.0	0.81	ug/L			10/28/25 20:21	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.36	ug/L			10/28/25 20:21	1
Cyclohexane	1.0	U	1.0	0.18	ug/L			10/28/25 20:21	1
Dibromochloromethane	1.0	U	1.0	0.32	ug/L			10/28/25 20:21	1
Dichlorodifluoromethane	1.0	U	1.0	0.68	ug/L			10/28/25 20:21	1
Ethylbenzene	1.0	U	1.0	0.74	ug/L			10/28/25 20:21	1
Isopropylbenzene	1.0	U	1.0	0.79	ug/L			10/28/25 20:21	1
Methyl acetate	2.5	U	2.5	1.3	ug/L			10/28/25 20:21	1
Methyl tert-butyl ether	1.0	U	1.0	0.16	ug/L			10/28/25 20:21	1
Methylcyclohexane	1.0	U	1.0	0.16	ug/L			10/28/25 20:21	1
Methylene Chloride	1.0	U	1.0	0.44	ug/L			10/28/25 20:21	1
Styrene	1.0	U	1.0	0.73	ug/L			10/28/25 20:21	1
Tetrachloroethene	1.0	U	1.0	0.36	ug/L			10/28/25 20:21	1
Toluene	1.0	U	1.0	0.51	ug/L			10/28/25 20:21	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.90	ug/L			10/28/25 20:21	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.37	ug/L			10/28/25 20:21	1
Trichloroethene	**4.3**		1.0	0.46	ug/L			10/28/25 20:21	1
Trichlorofluoromethane	1.0	U	1.0	0.88	ug/L			10/28/25 20:21	1
Vinyl chloride	1.0	U	1.0	0.90	ug/L			10/28/25 20:21	1
Xylenes, Total	2.0	U	2.0	0.66	ug/L			10/28/25 20:21	1

Client: ERM-Northeast
Job ID: 480-233902-1
Project/Site: Sanmina Investigation - Owego, NY

Client Sample ID: SAN-EFF(10222025)
Lab Sample ID: 480-233902-17
Date Collected: 10/22/25 16:05
Matrix: Water
Date Received: 10/24/25 10:00

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Tentatively Identified Compound	None		ug/L			N/A		10/28/25 20:21	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	110		77 - 120		10/28/25 20:21	1
4-Bromofluorobenzene (Surr)	91		73 - 120		10/28/25 20:21	1
Dibromofluoromethane (Surr)	97		75 - 123		10/28/25 20:21	1
Toluene-d8 (Surr)	94		80 - 120		10/28/25 20:21	1

Surrogate Summary

Client: ERM-Northeast
Job ID: 480-233902-1
Project/Site: Sanmina Investigation - Owego, NY

Method: 8260C - Volatile Organic Compounds by GC/MS

Matrix: Water **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)			
		DCA	BFB	DBFM	TOL
Lab Sample ID	Client Sample ID	(77-120)	(73-120)	(75-123)	(80-120)
480-233902-1	SAN-TB(10222025)	108	96	97	95
480-233902-2	SAN-EB(10222025)	107	96	96	98
480-233902-3	SAN-MW-27(10222025)	110	93	100	94
480-233902-4	SAN-MW-6(10222025)	108	90	99	95
480-233902-5	SAN-RW-3(10232025)	106	92	99	93
480-233902-5 MS	SAN-RW-3(10232025)	109	91	96	96
480-233902-5 MSD	SAN-RW-3(10232025)	108	90	95	97
480-233902-6	SAN-MW-14(10222025)	110	89	97	96
480-233902-7	SAN-MW-36(10222025)	108	93	97	94
480-233902-8	SAN-MW-34(10222025)	109	90	100	94
480-233902-9	SAN-RW-6(10222025)	109	89	102	95
480-233902-10	SAN-MW-15A(10222025)	110	93	100	95
480-233902-11	SAN-MW-32(10222025)	108	89	100	92
480-233902-12	SAN-MW-33A(10222025)	107	91	97	99
480-233902-13	SAN-MW-31(10222025	107	91	98	95
480-233902-14	SAN-MW-30(10222025)	110	94	97	96
480-233902-15	SAN-INF(10222025)	109	90	94	96
480-233902-16	SAN-DUP(10222025)	107	96	97	97
480-233902-17	SAN-EFF(10222025)	110	91	97	94
LCS 480-760942/6	Lab Control Sample	105	95	95	101
LCS 480-761052/6	Lab Control Sample	108	92	97	96
MB 480-760942/8	Method Blank	106	92	94	95
MB 480-761052/8	Method Blank	112	92	100	93

Surrogate Legend

DCA = 1,2-Dichloroethane-d4 (Surr)
BFB = 4-Bromofluorobenzene (Surr)
DBFM = Dibromofluoromethane (Surr)
TOL = Toluene-d8 (Surr)

Method: 8260C - Volatile Organic Compounds by GC/MS

Lab Sample ID: MB 480-760942/8
Matrix: Water
Analysis Batch: 760942

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.0	U	1.0	0.82	ug/L			10/28/25 13:12	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.21	ug/L			10/28/25 13:12	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.31	ug/L			10/28/25 13:12	1
1,1,2-Trichloroethane	1.0	U	1.0	0.23	ug/L			10/28/25 13:12	1
1,1-Dichloroethane	1.0	U	1.0	0.38	ug/L			10/28/25 13:12	1
1,1-Dichloroethene	1.0	U	1.0	0.29	ug/L			10/28/25 13:12	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.41	ug/L			10/28/25 13:12	1
1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.39	ug/L			10/28/25 13:12	1
1,2-Dibromoethane	1.0	U	1.0	0.73	ug/L			10/28/25 13:12	1
1,2-Dichlorobenzene	1.0	U	1.0	0.79	ug/L			10/28/25 13:12	1
1,2-Dichloroethane	1.0	U	1.0	0.21	ug/L			10/28/25 13:12	1
1,2-Dichloropropane	1.0	U	1.0	0.72	ug/L			10/28/25 13:12	1
1,3-Dichlorobenzene	1.0	U	1.0	0.78	ug/L			10/28/25 13:12	1
1,4-Dichlorobenzene	1.0	U	1.0	0.84	ug/L			10/28/25 13:12	1
2-Butanone (MEK)	10	U	10	1.3	ug/L			10/28/25 13:12	1
2-Hexanone	5.0	U	5.0	1.2	ug/L			10/28/25 13:12	1
4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	2.1	ug/L			10/28/25 13:12	1
Acetone	10	U	10	3.0	ug/L			10/28/25 13:12	1
Benzene	1.0	U	1.0	0.41	ug/L			10/28/25 13:12	1
Bromodichloromethane	1.0	U	1.0	0.39	ug/L			10/28/25 13:12	1
Bromoform	1.0	U	1.0	0.26	ug/L			10/28/25 13:12	1
Bromomethane	1.0	U	1.0	0.69	ug/L			10/28/25 13:12	1
Carbon disulfide	1.0	U	1.0	0.19	ug/L			10/28/25 13:12	1
Carbon tetrachloride	1.0	U	1.0	0.27	ug/L			10/28/25 13:12	1
Chlorobenzene	1.0	U	1.0	0.75	ug/L			10/28/25 13:12	1
Chloroethane	1.0	U	1.0	0.32	ug/L			10/28/25 13:12	1
Chloroform	1.0	U	1.0	0.34	ug/L			10/28/25 13:12	1
Chloromethane	1.0	U	1.0	0.35	ug/L			10/28/25 13:12	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.81	ug/L			10/28/25 13:12	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.36	ug/L			10/28/25 13:12	1
Cyclohexane	1.0	U	1.0	0.18	ug/L			10/28/25 13:12	1
Dibromochloromethane	1.0	U	1.0	0.32	ug/L			10/28/25 13:12	1
Dichlorodifluoromethane	1.0	U	1.0	0.68	ug/L			10/28/25 13:12	1
Ethylbenzene	1.0	U	1.0	0.74	ug/L			10/28/25 13:12	1
Isopropylbenzene	1.0	U	1.0	0.79	ug/L			10/28/25 13:12	1
Methyl acetate	2.5	U	2.5	1.3	ug/L			10/28/25 13:12	1
Methyl tert-butyl ether	1.0	U	1.0	0.16	ug/L			10/28/25 13:12	1
Methylcyclohexane	1.0	U	1.0	0.16	ug/L			10/28/25 13:12	1
Methylene Chloride	1.0	U	1.0	0.44	ug/L			10/28/25 13:12	1
Styrene	1.0	U	1.0	0.73	ug/L			10/28/25 13:12	1
Tetrachloroethene	1.0	U	1.0	0.36	ug/L			10/28/25 13:12	1
Toluene	1.0	U	1.0	0.51	ug/L			10/28/25 13:12	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.90	ug/L			10/28/25 13:12	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.37	ug/L			10/28/25 13:12	1
Trichloroethene	1.0	U	1.0	0.46	ug/L			10/28/25 13:12	1
Trichlorofluoromethane	1.0	U	1.0	0.88	ug/L			10/28/25 13:12	1
Vinyl chloride	1.0	U	1.0	0.90	ug/L			10/28/25 13:12	1
Xylenes, Total	2.0	U	2.0	0.66	ug/L			10/28/25 13:12	1

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 480-760942/8
Matrix: Water
Analysis Batch: 760942

Client Sample ID: Method Blank
Prep Type: Total/NA

Tentatively Identified Compound	MB Est. Result	MB Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Tentatively Identified Compound	None		ug/L			N/A		10/28/25 13:12	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	106		77 - 120		10/28/25 13:12	1
4-Bromofluorobenzene (Surr)	92		73 - 120		10/28/25 13:12	1
Dibromofluoromethane (Surr)	94		75 - 123		10/28/25 13:12	1
Toluene-d8 (Surr)	95		80 - 120		10/28/25 13:12	1

Lab Sample ID: LCS 480-760942/6
Matrix: Water
Analysis Batch: 760942

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1-Trichloroethane	25.0	25.2		ug/L		101	73 - 126
1,1,2,2-Tetrachloroethane	25.0	29.0		ug/L		116	76 - 120
1,1,2-Trichloro-1,2,2-trifluoroethane	25.0	23.8		ug/L		95	61 - 148
1,1,2-Trichloroethane	25.0	26.3		ug/L		105	76 - 122
1,1-Dichloroethane	25.0	26.2		ug/L		105	77 - 120
1,1-Dichloroethene	25.0	22.4		ug/L		90	66 - 127
1,2,4-Trichlorobenzene	25.0	24.5		ug/L		98	79 - 122
1,2-Dibromo-3-Chloropropane	25.0	28.9		ug/L		116	56 - 134
1,2-Dibromoethane	25.0	25.7		ug/L		103	77 - 120
1,2-Dichlorobenzene	25.0	26.3		ug/L		105	80 - 124
1,2-Dichloroethane	25.0	27.5		ug/L		110	75 - 120
1,2-Dichloropropane	25.0	25.6		ug/L		102	76 - 120
1,3-Dichlorobenzene	25.0	26.0		ug/L		104	77 - 120
1,4-Dichlorobenzene	25.0	25.6		ug/L		102	80 - 120
2-Butanone (MEK)	125	152		ug/L		122	57 - 140
2-Hexanone	125	172	TH	ug/L		138	65 - 127
4-Methyl-2-pentanone (MIBK)	125	157	TH	ug/L		126	71 - 125
Acetone	125	150		ug/L		120	56 - 142
Benzene	25.0	24.5		ug/L		98	71 - 124
Bromodichloromethane	25.0	26.0		ug/L		104	80 - 122
Bromoform	25.0	24.1		ug/L		96	61 - 132
Bromomethane	25.0	22.2		ug/L		89	55 - 144
Carbon disulfide	25.0	24.2		ug/L		97	59 - 134
Carbon tetrachloride	25.0	23.9		ug/L		96	72 - 134
Chlorobenzene	25.0	25.0		ug/L		100	80 - 120
Chloroethane	25.0	24.3		ug/L		97	69 - 136
Chloroform	25.0	23.3		ug/L		93	73 - 127
Chloromethane	25.0	31.1		ug/L		124	68 - 124
cis-1,2-Dichloroethene	25.0	23.2		ug/L		93	74 - 124
cis-1,3-Dichloropropene	25.0	24.3		ug/L		97	74 - 124
Cyclohexane	25.0	25.1		ug/L		100	59 - 135
Dibromochloromethane	25.0	25.4		ug/L		101	75 - 125
Dichlorodifluoromethane	25.0	30.3		ug/L		121	59 - 135
Ethylbenzene	25.0	26.0		ug/L		104	77 - 123

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 480-760942/6
Matrix: Water
Analysis Batch: 760942

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Isopropylbenzene	25.0	27.5		ug/L		110	77 - 122
Methyl acetate	50.0	59.4		ug/L		119	74 - 133
Methyl tert-butyl ether	25.0	24.9		ug/L		99	77 - 120
Methylcyclohexane	25.0	23.7		ug/L		95	68 - 134
Methylene Chloride	25.0	23.7		ug/L		95	75 - 124
Styrene	25.0	25.9		ug/L		104	80 - 120
Tetrachloroethene	25.0	23.8		ug/L		95	74 - 122
Toluene	25.0	25.6		ug/L		102	80 - 122
trans-1,2-Dichloroethene	25.0	23.7		ug/L		95	73 - 127
Trichloroethene	25.0	23.8		ug/L		95	74 - 123
Trichlorofluoromethane	25.0	24.4		ug/L		98	62 - 150
Vinyl chloride	25.0	26.4		ug/L		105	65 - 133
Xylenes, Total	50.0	50.6		ug/L		101	76 - 122

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*105*		*77 - 120*
4-Bromofluorobenzene (Surr)	*95*		*73 - 120*
Dibromofluoromethane (Surr)	*95*		*75 - 123*
Toluene-d8 (Surr)	*101*		*80 - 120*

Lab Sample ID: 480-233902-5 MS
Matrix: Water
Analysis Batch: 760942

Client Sample ID: SAN-RW-3(10232025)
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1-Trichloroethane	160		250	379		ug/L		89	73 - 126
1,1,2,2-Tetrachloroethane	10	U TH	250	316	TH	ug/L		127	76 - 120
1,1,2-Trichloro-1,2,2-trifluoroethane	10	U	250	258		ug/L		103	61 - 148
1,1,2-Trichloroethane	10	U	250	255		ug/L		102	76 - 122
1,1-Dichloroethane	65		250	330		ug/L		106	77 - 120
1,1-Dichloroethene	18		250	253		ug/L		94	66 - 127
1,2,4-Trichlorobenzene	10	U	250	243		ug/L		97	79 - 122
1,2-Dibromo-3-Chloropropane	10	U	250	311		ug/L		125	56 - 134
1,2-Dibromoethane	10	U	250	248		ug/L		99	77 - 120
1,2-Dichlorobenzene	10	U	250	269		ug/L		107	80 - 124
1,2-Dichloroethane	10	U	250	285		ug/L		114	75 - 120
1,2-Dichloropropane	10	U	250	276		ug/L		110	76 - 120
1,3-Dichlorobenzene	10	U	250	266		ug/L		106	77 - 120
1,4-Dichlorobenzene	10	U	250	262		ug/L		105	78 - 124
2-Butanone (MEK)	100	U	1250	1630		ug/L		130	57 - 140
2-Hexanone	50	U TH	1250	1830	TH	ug/L		146	65 - 127
4-Methyl-2-pentanone (MIBK)	50	U TH	1250	1620	TH	ug/L		130	71 - 125
Acetone	100	U	1250	1530		ug/L		122	56 - 142
Benzene	10	U	250	260		ug/L		104	71 - 124
Bromodichloromethane	10	U	250	262		ug/L		105	80 - 122
Bromoform	10	U	250	195		ug/L		78	61 - 132
Bromomethane	10	U	250	228		ug/L		91	55 - 144
Carbon disulfide	10	U	250	240		ug/L		96	59 - 134

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: 480-233902-5 MS
Matrix: Water
Analysis Batch: 760942

Client Sample ID: SAN-RW-3(10232025)
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Carbon tetrachloride	10	U	250	252		ug/L		101	72 - 134
Chlorobenzene	10	U	250	249		ug/L		99	80 - 120
Chloroethane	10	U	250	263		ug/L		105	69 - 136
Chloroform	10	U	250	246		ug/L		98	73 - 127
Chloromethane	10	U TH	250	340	TH	ug/L		136	68 - 124
cis-1,2-Dichloroethene	240		250	436		ug/L		80	74 - 124
cis-1,3-Dichloropropene	10	U	250	240		ug/L		96	74 - 124
Cyclohexane	10	U	250	280		ug/L		112	59 - 135
Dibromochloromethane	10	U	250	240		ug/L		96	75 - 125
Dichlorodifluoromethane	10	U	250	327		ug/L		131	59 - 135
Ethylbenzene	10	U	250	260		ug/L		104	77 - 123
Isopropylbenzene	10	U	250	287		ug/L		115	77 - 122
Methyl acetate	25	U	500	636		ug/L		127	74 - 133
Methyl tert-butyl ether	10	U	250	252		ug/L		101	77 - 120
Methylcyclohexane	10	U	250	250		ug/L		100	68 - 134
Methylene Chloride	10	U	250	255		ug/L		102	75 - 124
Styrene	10	U	250	254		ug/L		102	80 - 120
Tetrachloroethene	10	U	250	237		ug/L		95	74 - 122
Toluene	10	U	250	257		ug/L		103	80 - 122
trans-1,2-Dichloroethene	10	U	250	255		ug/L		102	73 - 127
Trichloroethene	260		250	457		ug/L		77	74 - 123
Trichlorofluoromethane	10	U	250	263		ug/L		105	62 - 150
Vinyl chloride	10	U	250	299		ug/L		120	65 - 133
Xylenes, Total	20	U	500	514		ug/L		103	76 - 122

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*109*		*77 - 120*
4-Bromofluorobenzene (Surr)	*91*		*73 - 120*
Dibromofluoromethane (Surr)	*96*		*75 - 123*
Toluene-d8 (Surr)	*96*		*80 - 120*

Lab Sample ID: 480-233902-5 MSD
Matrix: Water
Analysis Batch: 760942

Client Sample ID: SAN-RW-3(10232025)
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1,1-Trichloroethane	160		250	381		ug/L		90	73 - 126	1	15
1,1,2,2-Tetrachloroethane	10	U TH	250	302	TH	ug/L		121	76 - 120	5	15
1,1,2-Trichloro-1,2,2-trifluoroethane	10	U	250	249		ug/L		100	61 - 148	4	20
1,1,2-Trichloroethane	10	U	250	259		ug/L		104	76 - 122	2	15
1,1-Dichloroethane	65		250	327		ug/L		105	77 - 120	1	20
1,1-Dichloroethene	18		250	256		ug/L		95	66 - 127	1	16
1,2,4-Trichlorobenzene	10	U	250	234		ug/L		93	79 - 122	4	20
1,2-Dibromo-3-Chloropropane	10	U	250	300		ug/L		120	56 - 134	4	15
1,2-Dibromoethane	10	U	250	252		ug/L		101	77 - 120	1	15
1,2-Dichlorobenzene	10	U	250	268		ug/L		107	80 - 124	0	20
1,2-Dichloroethane	10	U	250	285		ug/L		114	75 - 120	0	20
1,2-Dichloropropane	10	U	250	273		ug/L		109	76 - 120	1	20

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: 480-233902-5 MSD
Client Sample ID: SAN-RW-3(10232025)
Matrix: Water
Prep Type: Total/NA
Analysis Batch: 760942

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,3-Dichlorobenzene	10	U	250	271		ug/L		109	77 - 120	2	20
1,4-Dichlorobenzene	10	U	250	262		ug/L		105	78 - 124	0	20
2-Butanone (MEK)	100	U	1250	1690		ug/L		135	57 - 140	3	20
2-Hexanone	50	U TH	1250	1760	TH	ug/L		141	65 - 127	4	15
4-Methyl-2-pentanone (MIBK)	50	U TH	1250	1590	TH	ug/L		127	71 - 125	2	35
Acetone	100	U	1250	1550		ug/L		124	56 - 142	1	15
Benzene	10	U	250	262		ug/L		105	71 - 124	1	13
Bromodichloromethane	10	U	250	270		ug/L		108	80 - 122	3	15
Bromoform	10	U	250	207		ug/L		83	61 - 132	6	15
Bromomethane	10	U	250	230		ug/L		92	55 - 144	1	15
Carbon disulfide	10	U	250	238		ug/L		95	59 - 134	1	15
Carbon tetrachloride	10	U	250	255		ug/L		102	72 - 134	1	15
Chlorobenzene	10	U	250	246		ug/L		98	80 - 120	1	25
Chloroethane	10	U	250	260		ug/L		104	69 - 136	1	15
Chloroform	10	U	250	246		ug/L		98	73 - 127	0	20
Chloromethane	10	U TH	250	322	TH	ug/L		129	68 - 124	6	15
cis-1,2-Dichloroethene	240		250	429		ug/L		77	74 - 124	2	15
cis-1,3-Dichloropropene	10	U	250	244		ug/L		98	74 - 124	2	15
Cyclohexane	10	U	250	277		ug/L		111	59 - 135	1	20
Dibromochloromethane	10	U	250	230		ug/L		92	75 - 125	4	15
Dichlorodifluoromethane	10	U	250	323		ug/L		129	59 - 135	1	20
Ethylbenzene	10	U	250	251		ug/L		100	77 - 123	4	15
Isopropylbenzene	10	U	250	281		ug/L		112	77 - 122	2	20
Methyl acetate	25	U	500	641		ug/L		128	74 - 133	1	20
Methyl tert-butyl ether	10	U	250	258		ug/L		103	77 - 120	2	37
Methylcyclohexane	10	U	250	252		ug/L		101	68 - 134	1	20
Methylene Chloride	10	U	250	243		ug/L		97	75 - 124	5	15
Styrene	10	U	250	249		ug/L		100	80 - 120	2	20
Tetrachloroethene	10	U	250	236		ug/L		94	74 - 122	0	20
Toluene	10	U	250	250		ug/L		100	80 - 122	3	15
trans-1,2-Dichloroethene	10	U	250	247		ug/L		99	73 - 127	3	20
Trichloroethene	260		250	458		ug/L		78	74 - 123	0	16
Trichlorofluoromethane	10	U	250	257		ug/L		103	62 - 150	2	20
Vinyl chloride	10	U	250	300		ug/L		120	65 - 133	0	15
Xylenes, Total	20	U	500	493		ug/L		99	76 - 122	4	16

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*108*		*77 - 120*
4-Bromofluorobenzene (Surr)	*90*		*73 - 120*
Dibromofluoromethane (Surr)	*95*		*75 - 123*
Toluene-d8 (Surr)	*97*		*80 - 120*

Lab Sample ID: MB 480-761052/8
Client Sample ID: Method Blank
Matrix: Water
Prep Type: Total/NA
Analysis Batch: 761052

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.0	U	1.0	0.82	ug/L			10/29/25 13:23	1

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 480-761052/8
Matrix: Water
Analysis Batch: 761052

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.21	ug/L			10/29/25 13:23	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.31	ug/L			10/29/25 13:23	1
1,1,2-Trichloroethane	1.0	U	1.0	0.23	ug/L			10/29/25 13:23	1
1,1-Dichloroethane	1.0	U	1.0	0.38	ug/L			10/29/25 13:23	1
1,1-Dichloroethene	1.0	U	1.0	0.29	ug/L			10/29/25 13:23	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.41	ug/L			10/29/25 13:23	1
1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.39	ug/L			10/29/25 13:23	1
1,2-Dibromoethane	1.0	U	1.0	0.73	ug/L			10/29/25 13:23	1
1,2-Dichlorobenzene	1.0	U	1.0	0.79	ug/L			10/29/25 13:23	1
1,2-Dichloroethane	1.0	U	1.0	0.21	ug/L			10/29/25 13:23	1
1,2-Dichloropropane	1.0	U	1.0	0.72	ug/L			10/29/25 13:23	1
1,3-Dichlorobenzene	1.0	U	1.0	0.78	ug/L			10/29/25 13:23	1
1,4-Dichlorobenzene	1.0	U	1.0	0.84	ug/L			10/29/25 13:23	1
2-Butanone (MEK)	10	U	10	1.3	ug/L			10/29/25 13:23	1
2-Hexanone	5.0	U	5.0	1.2	ug/L			10/29/25 13:23	1
4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	2.1	ug/L			10/29/25 13:23	1
Acetone	10	U	10	3.0	ug/L			10/29/25 13:23	1
Benzene	1.0	U	1.0	0.41	ug/L			10/29/25 13:23	1
Bromodichloromethane	1.0	U	1.0	0.39	ug/L			10/29/25 13:23	1
Bromoform	1.0	U	1.0	0.26	ug/L			10/29/25 13:23	1
Bromomethane	1.0	U	1.0	0.69	ug/L			10/29/25 13:23	1
Carbon disulfide	1.0	U	1.0	0.19	ug/L			10/29/25 13:23	1
Carbon tetrachloride	1.0	U	1.0	0.27	ug/L			10/29/25 13:23	1
Chlorobenzene	1.0	U	1.0	0.75	ug/L			10/29/25 13:23	1
Chloroethane	1.0	U	1.0	0.32	ug/L			10/29/25 13:23	1
Chloroform	1.0	U	1.0	0.34	ug/L			10/29/25 13:23	1
Chloromethane	1.0	U	1.0	0.35	ug/L			10/29/25 13:23	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.81	ug/L			10/29/25 13:23	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.36	ug/L			10/29/25 13:23	1
Cyclohexane	1.0	U	1.0	0.18	ug/L			10/29/25 13:23	1
Dibromochloromethane	1.0	U	1.0	0.32	ug/L			10/29/25 13:23	1
Dichlorodifluoromethane	1.0	U	1.0	0.68	ug/L			10/29/25 13:23	1
Ethylbenzene	1.0	U	1.0	0.74	ug/L			10/29/25 13:23	1
Isopropylbenzene	1.0	U	1.0	0.79	ug/L			10/29/25 13:23	1
Methyl acetate	2.5	U	2.5	1.3	ug/L			10/29/25 13:23	1
Methyl tert-butyl ether	1.0	U	1.0	0.16	ug/L			10/29/25 13:23	1
Methylcyclohexane	1.0	U	1.0	0.16	ug/L			10/29/25 13:23	1
Methylene Chloride	1.0	U	1.0	0.44	ug/L			10/29/25 13:23	1
Styrene	1.0	U	1.0	0.73	ug/L			10/29/25 13:23	1
Tetrachloroethene	1.0	U	1.0	0.36	ug/L			10/29/25 13:23	1
Toluene	1.0	U	1.0	0.51	ug/L			10/29/25 13:23	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.90	ug/L			10/29/25 13:23	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.37	ug/L			10/29/25 13:23	1
Trichloroethene	1.0	U	1.0	0.46	ug/L			10/29/25 13:23	1
Trichlorofluoromethane	1.0	U	1.0	0.88	ug/L			10/29/25 13:23	1
Vinyl chloride	1.0	U	1.0	0.90	ug/L			10/29/25 13:23	1
Xylenes, Total	2.0	U	2.0	0.66	ug/L			10/29/25 13:23	1

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 480-761052/8
Matrix: Water
Analysis Batch: 761052

Client Sample ID: Method Blank
Prep Type: Total/NA

Tentatively Identified Compound	MB Est. Result	MB Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Tentatively Identified Compound	None		ug/L			N/A		10/29/25 13:23	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	112		77 - 120		10/29/25 13:23	1
4-Bromofluorobenzene (Surr)	92		73 - 120		10/29/25 13:23	1
Dibromofluoromethane (Surr)	100		75 - 123		10/29/25 13:23	1
Toluene-d8 (Surr)	93		80 - 120		10/29/25 13:23	1

Lab Sample ID: LCS 480-761052/6
Matrix: Water
Analysis Batch: 761052

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1-Trichloroethane	25.0	25.5		ug/L		102	73 - 126
1,1,2,2-Tetrachloroethane	25.0	28.4		ug/L		114	76 - 120
1,1,2-Trichloro-1,2,2-trifluoroethane	25.0	24.8		ug/L		99	61 - 148
1,1,2-Trichloroethane	25.0	24.3		ug/L		97	76 - 122
1,1-Dichloroethane	25.0	26.1		ug/L		104	77 - 120
1,1-Dichloroethene	25.0	23.0		ug/L		92	66 - 127
1,2,4-Trichlorobenzene	25.0	22.1		ug/L		89	79 - 122
1,2-Dibromo-3-Chloropropane	25.0	29.1		ug/L		116	56 - 134
1,2-Dibromoethane	25.0	24.2		ug/L		97	77 - 120
1,2-Dichlorobenzene	25.0	24.2		ug/L		97	80 - 124
1,2-Dichloroethane	25.0	27.0		ug/L		108	75 - 120
1,2-Dichloropropane	25.0	24.8		ug/L		99	76 - 120
1,3-Dichlorobenzene	25.0	24.9		ug/L		99	77 - 120
1,4-Dichlorobenzene	25.0	25.0		ug/L		100	80 - 120
2-Butanone (MEK)	125	151		ug/L		121	57 - 140
2-Hexanone	125	167	TH	ug/L		133	65 - 127
4-Methyl-2-pentanone (MIBK)	125	150		ug/L		120	71 - 125
Acetone	125	149		ug/L		119	56 - 142
Benzene	25.0	24.3		ug/L		97	71 - 124
Bromodichloromethane	25.0	25.9		ug/L		103	80 - 122
Bromoform	25.0	24.0		ug/L		96	61 - 132
Bromomethane	25.0	24.7		ug/L		99	55 - 144
Carbon disulfide	25.0	24.9		ug/L		99	59 - 134
Carbon tetrachloride	25.0	24.7		ug/L		99	72 - 134
Chlorobenzene	25.0	23.5		ug/L		94	80 - 120
Chloroethane	25.0	26.2		ug/L		105	69 - 136
Chloroform	25.0	23.6		ug/L		94	73 - 127
Chloromethane	25.0	30.9		ug/L		124	68 - 124
cis-1,2-Dichloroethene	25.0	24.0		ug/L		96	74 - 124
cis-1,3-Dichloropropene	25.0	23.8		ug/L		95	74 - 124
Cyclohexane	25.0	26.0		ug/L		104	59 - 135
Dibromochloromethane	25.0	24.1		ug/L		96	75 - 125
Dichlorodifluoromethane	25.0	32.7		ug/L		131	59 - 135
Ethylbenzene	25.0	24.4		ug/L		98	77 - 123

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 480-761052/6
Matrix: Water
Analysis Batch: 761052

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Isopropylbenzene	25.0	26.4		ug/L		106	77 - 122
Methyl acetate	50.0	60.7		ug/L		121	74 - 133
Methyl tert-butyl ether	25.0	24.5		ug/L		98	77 - 120
Methylcyclohexane	25.0	24.5		ug/L		98	68 - 134
Methylene Chloride	25.0	23.8		ug/L		95	75 - 124
Styrene	25.0	25.2		ug/L		101	80 - 120
Tetrachloroethene	25.0	22.1		ug/L		88	74 - 122
Toluene	25.0	23.8		ug/L		95	80 - 122
trans-1,2-Dichloroethene	25.0	23.6		ug/L		94	73 - 127
Trichloroethene	25.0	24.2		ug/L		97	74 - 123
Trichlorofluoromethane	25.0	27.2		ug/L		109	62 - 150
Vinyl chloride	25.0	28.9		ug/L		115	65 - 133
Xylenes, Total	50.0	48.1		ug/L		96	76 - 122

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*108*		*77 - 120*
4-Bromofluorobenzene (Surr)	*92*		*73 - 120*
Dibromofluoromethane (Surr)	*97*		*75 - 123*
Toluene-d8 (Surr)	*96*		*80 - 120*

QC Association Summary

Client: ERM-Northeast
Job ID: 480-233902-1
Project/Site: Sanmina Investigation - Owego, NY

GC/MS VOA

Analysis Batch: 760942

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-233902-1	SAN-TB(10222025)	Total/NA	Water	8260C	
480-233902-2	SAN-EB(10222025)	Total/NA	Water	8260C	
480-233902-4	SAN-MW-6(10222025)	Total/NA	Water	8260C	
480-233902-5	SAN-RW-3(10232025)	Total/NA	Water	8260C	
480-233902-6	SAN-MW-14(10222025)	Total/NA	Water	8260C	
480-233902-7	SAN-MW-36(10222025)	Total/NA	Water	8260C	
480-233902-8	SAN-MW-34(10222025)	Total/NA	Water	8260C	
480-233902-9	SAN-RW-6(10222025)	Total/NA	Water	8260C	
480-233902-11	SAN-MW-32(10222025)	Total/NA	Water	8260C	
480-233902-12	SAN-MW-33A(10222025)	Total/NA	Water	8260C	
480-233902-14	SAN-MW-30(10222025)	Total/NA	Water	8260C	
480-233902-15	SAN-INF(10222025)	Total/NA	Water	8260C	
480-233902-16	SAN-DUP(10222025)	Total/NA	Water	8260C	
480-233902-17	SAN-EFF(10222025)	Total/NA	Water	8260C	
MB 480-760942/8	Method Blank	Total/NA	Water	8260C	
LCS 480-760942/6	Lab Control Sample	Total/NA	Water	8260C	
480-233902-5 MS	SAN-RW-3(10232025)	Total/NA	Water	8260C	
480-233902-5 MSD	SAN-RW-3(10232025)	Total/NA	Water	8260C	

Analysis Batch: 761052

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-233902-3	SAN-MW-27(10222025)	Total/NA	Water	8260C	
480-233902-10	SAN-MW-15A(10222025)	Total/NA	Water	8260C	
480-233902-13	SAN-MW-31(10222025	Total/NA	Water	8260C	
MB 480-761052/8	Method Blank	Total/NA	Water	8260C	
LCS 480-761052/6	Lab Control Sample	Total/NA	Water	8260C	

Lab Chronicle

Client: ERM-Northeast
Job ID: 480-233902-1
Project/Site: Sanmina Investigation - Owego, NY

Client Sample ID: SAN-TB(10222025)
Lab Sample ID: 480-233902-1
Date Collected: 10/22/25 08:55
Matrix: Water
Date Received: 10/24/25 10:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		1	760942	ATG	EET BUF	10/28/25 14:09

Client Sample ID: SAN-EB(10222025)
Lab Sample ID: 480-233902-2
Date Collected: 10/22/25 09:00
Matrix: Water
Date Received: 10/24/25 10:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		1	760942	ATG	EET BUF	10/28/25 14:33

Client Sample ID: SAN-MW-27(10222025)
Lab Sample ID: 480-233902-3
Date Collected: 10/22/25 16:35
Matrix: Water
Date Received: 10/24/25 10:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		4	761052	ATG	EET BUF	10/29/25 13:56

Client Sample ID: SAN-MW-6(10222025)
Lab Sample ID: 480-233902-4
Date Collected: 10/22/25 16:30
Matrix: Water
Date Received: 10/24/25 10:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		1	760942	ATG	EET BUF	10/28/25 15:19

Client Sample ID: SAN-RW-3(10232025)
Lab Sample ID: 480-233902-5
Date Collected: 10/23/25 09:05
Matrix: Water
Date Received: 10/24/25 10:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		10	760942	ATG	EET BUF	10/28/25 15:42

Client Sample ID: SAN-MW-14(10222025)
Lab Sample ID: 480-233902-6
Date Collected: 10/22/25 16:50
Matrix: Water
Date Received: 10/24/25 10:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		2	760942	ATG	EET BUF	10/28/25 16:05

Client Sample ID: SAN-MW-36(10222025)
Lab Sample ID: 480-233902-7
Date Collected: 10/22/25 14:15
Matrix: Water
Date Received: 10/24/25 10:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		1	760942	ATG	EET BUF	10/28/25 16:28

Lab Chronicle

Client: ERM-Northeast
Job ID: 480-233902-1
Project/Site: Sanmina Investigation - Owego, NY

Client Sample ID: SAN-MW-34(10222025)
Lab Sample ID: 480-233902-8
Date Collected: 10/22/25 14:10
Matrix: Water
Date Received: 10/24/25 10:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		8	760942	ATG	EET BUF	10/28/25 16:52

Client Sample ID: SAN-RW-6(10222025)
Lab Sample ID: 480-233902-9
Date Collected: 10/22/25 14:40
Matrix: Water
Date Received: 10/24/25 10:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		4	760942	ATG	EET BUF	10/28/25 17:15

Client Sample ID: SAN-MW-15A(10222025)
Lab Sample ID: 480-233902-10
Date Collected: 10/22/25 15:10
Matrix: Water
Date Received: 10/24/25 10:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		2	761052	ATG	EET BUF	10/29/25 14:20

Client Sample ID: SAN-MW-32(10222025)
Lab Sample ID: 480-233902-11
Date Collected: 10/22/25 12:15
Matrix: Water
Date Received: 10/24/25 10:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		1	760942	ATG	EET BUF	10/28/25 18:02

Client Sample ID: SAN-MW-33A(10222025)
Lab Sample ID: 480-233902-12
Date Collected: 10/22/25 12:10
Matrix: Water
Date Received: 10/24/25 10:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		4	760942	ATG	EET BUF	10/28/25 18:25

Client Sample ID: SAN-MW-31(10222025
Lab Sample ID: 480-233902-13
Date Collected: 10/22/25 13:05
Matrix: Water
Date Received: 10/24/25 10:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		4	761052	ATG	EET BUF	10/29/25 14:43

Client Sample ID: SAN-MW-30(10222025)
Lab Sample ID: 480-233902-14
Date Collected: 10/22/25 13:00
Matrix: Water
Date Received: 10/24/25 10:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		1	760942	ATG	EET BUF	10/28/25 19:11

Lab Chronicle

Client: ERM-Northeast
Job ID: 480-233902-1
Project/Site: Sanmina Investigation - Owego, NY

Client Sample ID: SAN-INF(10222025)
Lab Sample ID: 480-233902-15
Date Collected: 10/22/25 16:00
Matrix: Water
Date Received: 10/24/25 10:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		2	760942	ATG	EET BUF	10/28/25 19:34

Client Sample ID: SAN-DUP(10222025)
Lab Sample ID: 480-233902-16
Date Collected: 10/22/25 12:00
Matrix: Water
Date Received: 10/24/25 10:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		2	760942	ATG	EET BUF	10/28/25 19:58

Client Sample ID: SAN-EFF(10222025)
Lab Sample ID: 480-233902-17
Date Collected: 10/22/25 16:05
Matrix: Water
Date Received: 10/24/25 10:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		1	760942	ATG	EET BUF	10/28/25 20:21

Laboratory References:

EET BUF = Eurofins Buffalo, 10 Hazelwood Drive, Amherst, NY 14228-2298, TEL (716)691-2600

Accreditation/Certification Summary

Client: ERM-Northeast
Job ID: 480-233902-1
Project/Site: Sanmina Investigation - Owego, NY

Laboratory: Eurofins Buffalo

The accreditations/certifications listed below are applicable to this report.

Authority	Program	Identification Number	Expiration Date
New York	NELAP	10026	03-31-26

Method Summary

Client: ERM-Northeast
Job ID: 480-233902-1
Project/Site: Sanmina Investigation - Owego, NY

Method	Method Description	Protocol	Laboratory
8260C	Volatile Organic Compounds by GC/MS	SW846	EET BUF
5030C	Purge and Trap	SW846	EET BUF

Protocol References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

EET BUF = Eurofins Buffalo, 10 Hazelwood Drive, Amherst, NY 14228-2298, TEL (716)691-2600

Sample Summary

Client: ERM-Northeast
Job ID: 480-233902-1
Project/Site: Sanmina Investigation - Owego, NY

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
480-233902-1	SAN-TB(10222025)	Water	10/22/25 08:55	10/24/25 10:00	New York
480-233902-2	SAN-EB(10222025)	Water	10/22/25 09:00	10/24/25 10:00	New York
480-233902-3	SAN-MW-27(10222025)	Water	10/22/25 16:35	10/24/25 10:00	New York
480-233902-4	SAN-MW-6(10222025)	Water	10/22/25 16:30	10/24/25 10:00	New York
480-233902-5	SAN-RW-3(10232025)	Water	10/23/25 09:05	10/24/25 10:00	New York
480-233902-6	SAN-MW-14(10222025)	Water	10/22/25 16:50	10/24/25 10:00	New York
480-233902-7	SAN-MW-36(10222025)	Water	10/22/25 14:15	10/24/25 10:00	New York
480-233902-8	SAN-MW-34(10222025)	Water	10/22/25 14:10	10/24/25 10:00	New York
480-233902-9	SAN-RW-6(10222025)	Water	10/22/25 14:40	10/24/25 10:00	New York
480-233902-10	SAN-MW-15A(10222025)	Water	10/22/25 15:10	10/24/25 10:00	New York
480-233902-11	SAN-MW-32(10222025)	Water	10/22/25 12:15	10/24/25 10:00	New York
480-233902-12	SAN-MW-33A(10222025)	Water	10/22/25 12:10	10/24/25 10:00	New York
480-233902-13	SAN-MW-31(10222025	Water	10/22/25 13:05	10/24/25 10:00	New York
480-233902-14	SAN-MW-30(10222025)	Water	10/22/25 13:00	10/24/25 10:00	New York
480-233902-15	SAN-INF(10222025)	Water	10/22/25 16:00	10/24/25 10:00	New York
480-233902-16	SAN-DUP(10222025)	Water	10/22/25 12:00	10/24/25 10:00	New York
480-233902-17	SAN-EFF(10222025)	Water	10/22/25 16:05	10/24/25 10:00	New York

10 Hazelwood Drive
Amherst, NY 14228-2298
Phone: 716-691-2600 Fax: 716-691-7991

Chain of Custody Record

Syracuse #225

eurofins | Environment Testing

Client Information	Sampler: AH CW	Lab PM: Schove, John R	Carrier Tracking No(s):	COC No: 480-208836-42231.1
Client Contact: Mr. Robert Sents	Phone: 570 886 6224	E-Mail: John.Schove@et.eurofinsus.com	State of Origin:	Page: Page 1 of 2
Company: ERM-Northeast	PWSID:	Analysis Requested		Job #:
Address: 5784 Widewaters Pkwy	Due Date Requested:			Preservation Codes: N - None D - HNO3 A - HCL
City: Dewitt	TAT Requested (days): STD TAT			
State, Zip: NY, 13214	Compliance Project: Δ Yes Δ No			
Phone: 315-445-2543(Tel)	PO #: 0589878			
Email: robert.sents@erm.com Kevin.warner@erm.com edd@erm.com	WO #:			
Project Name: Sanmina Investigation - Owego, NY	Project #: 48023407			
Site:	SSOW#:			

480-233902 Chain of Custody

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air, DW=Drinking Water)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8260C - TCL VOCs + 10 TICs	Total Number of containers	Special Instructions/Note:
			Preservation Code:				N D A A		
SAN-TB (10222025)	10/22/25	855	G	Water	N	N	X	2	
SAN-EB (10222025)	10/22/25	900	G	Water	N	N	X	3	
SAN-MW-27 (10222025)	10/22/25	1635	G	Water	N	N	X	3	
SAN-MW-6 (10222025)	10/22/25	1630	G	Water	N	N	X	3	
SAN-RW-3 (10232025)	10/23/25	9:05	G	Water	N	N	X	3	
SAN-MW-14 (10222025)	10/22/25	16:50	G	Water	N	N	X	3	
SAN-MW-36 (10222025)	10/22/25	1415	G	Water	N	N	X	3	
SAN-MW-34 (10222025)	10/22/25	1410	G	Water	N	N	X	3	
SAN-RW-6 (10222025)	10/22/25	1440	G	Water	N	N	X	3	
SAN-MW-15A (10222025)	10/22/25	1510	G	Water	N	N	X	3	
SAN-MW-32 (10222025)	10/22/25	1215	G	Water	N	N	X	3	

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☒ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☒ Disposal By Lab ☐ Archive For ____ Months

Deliverable Requested: I, II, III, IV, Other (specify) ~~Excel~~ Level IV Cat B

Special Instructions/QC Requirements: EQuIS Edd

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by	Date/Time	Company	Received by	Date/Time	Company
Christian A Werner	10/22/25 16:30	ERM		10/23/25 1030	
Relinquished by:	Date/Time: 10/23/25 1900	Company	Received by:	Date/Time: 10/24/25 1006	Company: ALS
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks: 2.3 IR #5C

Ver: 10/10/2024

10 Hazelwood Drive
Amherst, NY 14228-2298
Phone: 716-691-2600 Fax: 716-691-7991

Chain of Custody Record

Syracuse #225

eurofins | Environment Testing

Client Information	Sampler: AH CW	Lab PM: Schove, John R	Carrier Tracking No(s):	COC No: 480-208836-42231.2
Client Contact: Mr. Robert Sents	Phone: 570 886 6224	E-Mail: John.Schove@et.eurofinsus.com	State of Origin:	Page: Page 2 of 2
Company: ERM-Northeast	PWSID:			Job #:
Address: 5784 Widewaters Pkwy	Due Date Requested:			
City: Dewitt	TAT Requested (days): STD TAT			
State, Zip: NY, 13214	Compliance Project: Δ Yes Δ No			
Phone: 315-445-2543(Tel)	PO #: 0589878			
Email: robert.sents@erm.com	WO #:			
Project Name: Sanmina Investigation - Owego, NY	Project #: 48023407			
Site:	SSOW#:			

Analysis Requested

Preservation Codes:
N - None
D - HNO3
A - HCL
Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air, DW=Drinking Water)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	~~8082A - TCL PCBs~~	~~6010B, 7470A~~	8260C - TCL VOCs + 10 TICs	RSK_175 - Methane, Ethane, Ethene	Total Number of containers	Special Instructions/Note:
Preservation Code:							N	D	A	A		
SAN-MW-33A (10222025)	10/22/25	1210	G	Water	N	N			X		3	
SAN-MW-31 (10222025)	10/22/25	1305	G	Water	N	N			X		3	
SAN-MW-50 (10222025)	10/22/25	1300	G	Water	N	N			X		3	
SAN-INF (10222025)	10/22/25	1600	G	water	N	N			X		3	
SAN-DUP (10222025)	10/22/25	1200	G	water	N	N			X		3	
SAN-EFF (10222025)	10/22/25	1605	G	water	N	N			X		3	
~~SAN-MW-54~~ cancelled												

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☒ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☒ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify): Level IV Cat B

Special Instructions/QC Requirements: EQuIS EDD

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

	Relinquished by	Date/Time	Company	Received by	Date/Time	Company
1	Christin A Greenan	10/23/25 1630	ERM		10/25/25 0930	
2		10/23/25 1900		Carlisle	10/24/25 1000	euro
3		Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No | Custody Seal No.:

Cooler Temperature(s) °C and Other Remarks:

Ver: 10/10/2024

Login Sample Receipt Checklist

Client: ERM-Northeast

Job Number: 480-233902-1

Login Number: 233902
List Number: 1
Creator: Stapleton, Kaitlyn

List Source: Eurofins Buffalo

Question	Answer	Comment
Radioactivity either was not measured or, if measured, is at or below background	True	
The cooler's custody seal, if present, is intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	2.3 IR#SC ice
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time (Excluding tests with immediate HTs)..	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	True	
If necessary, staff have been informed of any short hold time or quick TAT needs	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Sampling Company provided.	True	ERM-Northeast
Samples received within 48 hours of sampling.	True	
Samples requiring field filtration have been filtered in the field.	True	
Chlorine Residual checked.	N/A	