

# 2025 PERIODIC REVIEW REPORT

**Former Coyne Textile Facility**  
140 Cortland Avenue  
Syracuse, New York 13202

**Project Site # C734144**  
CHA Project Number: 059294.003

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## LIST OF ACRONYMS & ABBREVIATIONS

AST	Aboveground Storage Tank
AWQS	Ambient Water Quality Standard
BCA	Brownfield Cleanup Agreement
BCP	Brownfield Cleanup Program
bgs	Below Ground Surface
CHA	CHA Consulting, Inc.
COC	Contaminant of Concern
CVOC	Chlorinated Volatile Organic Compounds
DCE	Dichloroethene
EC	Engineering Control
EC	Engineering Controls
ELAP	Environmental Laboratory Approval Program
EPA	Environmental Protection Agency
FER	Final Engineering Report
IC	Institutional Control
ISCR	In-Situ Chemical Reduction
MNA	Monitored Natural Attenuation
MS	Matrix Spike
MSD	Matrix Spike Duplicate
MW	Monitoring Well
NAS	Natural Attenuation Software
NYSDEC	New York State Department of Environmental Conservation
NYSDOH	New York State Department of Health
O&M	Operation & Maintenance
ORP	Oxidation Reduction Potential
PCE	Tetrachloroethene
PRR	Periodic Review Report
RI	Remedial Investigation
SCO	Soil Cleanup Objective
SMP	Site Management Plan
SSDS	Sub-Slab Depressurization System
SVOC	Semivolatile Organic Compound
TCE	Trichloroethene
TOC	Total Organic Carbon
TOGS	Technical and Operational Guidance Series
TZ	Treatment Zone
UST	Underground Storage Tank
VC	Vinyl Chloride
VOC	Volatile Organic Compound
ZVI	Zero-Valent Iron
in H <sub>2</sub> O	Inches of Water Column
kWh	Kilowatt hour
lbs	Pounds
mg/L	Milligrams per Liter, or parts per million (ppm)
µg/L	Micrograms per Liter, or parts per billion (ppb)
mV	Millivolts
MWh	Megawatt hour

## EXECUTIVE SUMMARY

Ranalli/Taylor St., LLC entered into a Brownfield Cleanup Agreement with the New York State Department of Environmental Conservation in September 2017 to investigate and remediate the Former Coyne Textile Facility, a property located at 140 Cortland Avenue in the City of Syracuse, Onondaga County, New York (Site). Historically, the Site was operated as an industrial dry-cleaning facility utilizing underground storage tanks containing Stoddard solvent and fuel oil, among other products stored and Site uses. The main contaminants of concern on the Site were found to be chlorinated volatile organic compounds. In 2020 and 2021, remediation and redevelopment of the Site was completed, and the Site was issued a certificate of completion on December 28, 2021.

This periodic review report details the monitoring activities from April 28<sup>th</sup>, 2024, through April 28<sup>th</sup>, 2025. In accordance with the SMP, a site-wide inspection, sub-slab depressurization inspection, and groundwater monitoring event were completed during this period.

The Site institutional controls (ICs) and engineering controls (ECs) are listed in this periodic review report. The site-wide cover system appeared to be in good condition during the site inspections conducted throughout the reporting year. The sub-slab depressurization system (SSDS) was functioning as intended with the appropriate sub-slab vacuum pressure. Quarterly groundwater monitoring indicated the subsurface groundwater remains impacted by Site contaminants of concern, but the conditions are present for reductive dechlorination, and the process is occurring slowly, as noted by a general increase in daughter products and a decrease in source product as well as evaluation of other monitored natural attenuation (MNA) parameters.

The Site ICs and ECs remain effective at protective human health and the environment. Therefore, CHA recommends reducing the frequency groundwater monitoring to annually for site contaminants of concern and MNA parameters.

No other changes to the operation and maintenance plans are recommended at this time. To remain consistent with the reporting period, the next PRR will incorporate the reporting year from April 28<sup>th</sup>, 2025, through April 28<sup>th</sup>, 2026. Provided that the ICs and ECs established for the Site remain in place, and are maintained, it is expected that the remedy will continue to be effective in protecting human health and the environment.

## 1.0 INTRODUCTION

Ranalli/Taylor St., LLC (Ranalli/Taylor St.) entered into a Brownfield Cleanup Agreement (BCA) with the New York State Department of Environmental Conservation (NYSDEC) in September 2017 to investigate and remediate the Former Coyne Textile Facility, a property located at 140 Cortland Avenue in the City of Syracuse, Onondaga County, New York (Site) through the Department's Brownfield Cleanup Program (BCP). In 2021, the BCA was amended at the request of Ranalli/Taylor St. and approved by the NYSDEC. The amendments included:

- A minor amendment to add seven entities to the BCA: JMA Tech Properties Holdings, LLC, JMA Tech Properties, LLC, JMA Tech LLC, XRN LLC, JMA Edge Services LLC, Prevail NY LLC, and CELLH LLC.
- A minor amendment to add 0.65 acres of South Clinton Street into the BCA.
- A minor amendment to correct the parcel sizes of two parcels east of Cortland Avenue. Tax Map No. 094.-20.01.0 was originally identified as a 0.57-acre parcel and Tax Map No. 094.-20-02.0 was originally identified as a 1.13-acre parcel for a total of 1.7 acres. The updated parcel acreage is 0.126 and 0.736 acres, respectively, totaling 0.862 acres.

With the approved amendments, the Site is situated on approximately 3.262-acres. Figure 1 presents the general vicinity of the Site and Figure 2 presents the Site layout and BCA boundary.

Several investigations to identify the nature and extent of contamination led to the NYSDEC-approved Remedial Design Work Plan and implementation of the remedial design during redevelopment in 2020 and 2021. Upon completion of that work, a Final Engineering Report (FER) prepared by CHA Consulting, Inc. (CHA), 2021, and Site Management Plan (SMP), prepared by CHA, 2021, were approved by the NYSDEC. On December 28, 2021, a Certificate of Completion was issued and the Site entered the management phase.

This Periodic Review Report (PRR) details the Site management activities that were conducted during the reporting period of April 28<sup>th</sup>, 2024, through April 28<sup>th</sup>, 2025.

### 1.1 Site Background

The Site was utilized as an industrial laundering facility beginning in the mid-1930s through 2015 under various entities of Coyne Textile Services. Dry-cleaning activities using tetrachloroethene (PCE) and Stoddard solvent (a petroleum mixture made from distilled alkanes, cycloalkanes [naphthenes] and aromatic hydrocarbons) were conducted at the Site until 2000. These dry-cleaning liquids were stored in aboveground and underground storage tanks (ASTs and USTs). Additionally, a fuel oil tank for heating the building at 140 Cortland Avenue was identified beneath the boiler room and a gasoline filling station was previously located on the southern portion of the Site in the 1980s. The region to the east of the building, known as the former employee parking lot, was owned by Coyne Textile Services and used as a parking lot from 1989 to 2016. Prior to that use, this portion of the Site was a bus storage and repair facility, the Syracuse Streetcar Barn, retail stores, and a gasoline filling station (circa 1950-1970).

A detailed Site history including a summary of previous investigations conducted between 2014 and 2020 was provided in the FER (CHA, 2021).

### 1.2 Contaminants of Concern

Low levels of volatile organic compounds (VOCs) and semivolatile organic compounds (SVOCs) were identified Site-wide. However, the primary contaminants of concern (COCs) for remediation

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were tetrachloroethene and the breakdown daughter products, collectively called chlorinated volatile organic compounds (CVOCs), including:

- Tetrachloroethene (PCE)
- Trichloroethene (TCE)
- 1,2-dichloroethene (DCE)
- Vinyl Chloride (VC)

Ethene is the final breakdown daughter product of reductive dechlorination of PCE.

### 1.3 Summary of the Site Remedy

Based on the remedial investigation (RI) and supplemental investigations, the Site contaminants were grouped into areas of concern, later classified into treatment zones during the remedial design and implementation. The remedial goal was source removal or in-situ treatment, treatment of the impacted groundwater, and protection of human and environmental health.

The Site remedy is described in more detail in the FER (CHA, revised December 2021). Briefly, the treatment zones and each selected remedy included the following major components:

- 1) Treatment Zone 1 (TZ-1) – Excavation and Backfill
  - a) Excavation and off-site disposal of soil/fill exceeding Commercial Use Soil Cleanup Objectives (SCOs) to the depth of groundwater.
  - b) Excavation and removal of USTs (including 10,000-gallon USTs containing what appeared to be No. 6 fuel oil) and associated underground piping discovered during remedial implementation.
  - c) Import clean fill to replace excavated soil to re-establish grades at the Site.
  - d) Re-use excavated soils that did not exceed Commercial Use SCOs or exhibit evidence of contamination in other areas of the Site (within the boundaries of the BCA).
- 2) Treatment Zone 2 (TZ-2) – Soil Mixing/In-Situ Reduction
  - a) In-situ chemical reduction (ISCR) of contaminated soil in an approximately 6,000 square foot area with treatment depths of 16 to 26 feet below ground surface via in-situ soil mixing.
  - b) Mix in place with zero valent iron (ZVI) slurry.
  - c) Soil from 9 feet below the ground surface (bgs) to existing grade was mixed with a cement slurry to provide sufficient bearing grade for Site redevelopment.
- 3) Treatment Zone 3 (TZ-3) – Groundwater Extraction and Treatment
  - a) Groundwater extraction, ex-situ chemical oxidation treatment with sodium permanganate, and re-injection into the plume area through a series of extraction and injection wells.
  - b) Extracted groundwater was treated with a dosing rate of 5 grams per liter of sodium permanganate designed based on a bench scale study.
  - c) Two pore volumes, totaling approximately 672,000 gallons of water, within the contaminated groundwater zone were treated.

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- 4) Cover System
  - a) During Site redevelopment, the cover system was enhanced. The cover system consists of building footprints, asphalt paved surfaces, concrete sidewalks, and soil cover in greenspace areas.
  - b) A demarcation layer consisting of non-woven geotextile was installed to delineate between existing Site soils and imported fill material.
- 5) Vapor Mitigation – Sub-Slab Depressurization System (SSDS)
  - a) An SSDS was designed and installed beneath both the renovated portion of the existing building (south end of the Site), and the newly constructed building to mitigate the potential migration of any remaining vapors into the building from the subsurface soil and groundwater.
- 6) Execution of an Environmental Easement
  - a) An Environmental Easement has been placed on the Site to prevent future exposure to contamination remaining at the Site.
- 7) Site Management Plan
  - a) A Site Management Plan was developed for long-term management of remaining contamination and includes plans for institutional and engineering controls (discussed in Section 2), monitoring, operation and maintenance (O&M), and reporting.
- 8) Periodic certification of the institutional and engineering controls, as described in this PRR.

No significant changes have been made to the remedy since the remedy was selected and implemented.

### 1.4 Site Management Status

Submittal of an annual PRR is required by the NYSDEC to document the status of the controls established by the SMP. The components of the remedy listed in Section 1.3 have been fully implemented and are complete, in the case of TZ-1, TZ-2, and TZ-3, or are ongoing as part of the remedy, in the case of cover systems, vapor mitigation, environmental easement, site management, and periodic certification.

This PRR was prepared by CHA on behalf of Ranalli/Taylor St. LLC to document the status of the controls, established by the SMP, during the reporting period from April 28<sup>th</sup>, 2024, through April 28<sup>th</sup>, 2025.

## 2.0 INSTITUTIONAL AND ENGINEERING CONTROLS

Institutional Controls (ICs) and Engineering Controls (ECs) have been established to protect public health and the environment for future use of the Site. The IC and EC Certification Forms are included in Appendix A. As further detailed in the following sections, the ICs and ECs remained in place and effective during this reporting period and no changes are proposed at this time.

### 2.1 Institutional Controls

ICs are defined as any non-physical means of enforcing a restriction on the use of a real property that limits human and environmental exposure, restricts the use of groundwater, provides notice to potential future owners, operator, or members of the public, or prevents actions that would interfere with the effectiveness of a remedial program or with the effectiveness and/or integrity of operation, maintenance, or monitoring activities at or pertaining to a remedial Site. The ICs implemented at the Site include:

- The property may be used for industrial and commercial uses;
- All ECs must be operated and maintained as specified in the SMP;
- All ECs must be inspected at a frequency and in a manner defined in the SMP;
- The use of groundwater underlying the property is prohibited without necessary water quality treatment as determined by the New York State Department of Health (NYSDOH) or the Onondaga County Department of Health to render it safe for use as drinking water or for industrial purposes, and the user must first notify and obtain written approval to do so from the NYSDEC;
- Groundwater and other environmental or public health monitoring must be performed as defined in the SMP;
- Data and information pertinent to Site management must be reported at the frequency and in a manner as defined in the SMP;
- All future activities that will disturb remaining contaminated material must be conducted in accordance with the SMP;
- Monitoring to assess the performance and effectiveness of the remedy must be performed as defined in the SMP;
- Operation, maintenance, monitoring, inspection, and reporting of any mechanical or physical component of the remedy shall be performed as defined in the SMP;
- Access to the Site must be provided to agents, employees or other representatives of the State of New York with reasonably prior notice to the property owner to assure compliance with the restrictions identified by the Environmental Easement;
- The potential for vapor intrusion must be evaluated for any buildings developed in the area within the IC boundaries and any potential impacts that are identified must be monitored or mitigated;
- Vegetable gardens and farming on the Site are prohibited; and,
- An evaluation shall be performed to determine the need for further investigation and remediation should large scale redevelopment occur, if any of the existing structures are demolished, or if the subsurface is otherwise made accessible.

### 2.2 Engineering Controls

ECs are physical barriers or methods employed to actively or passively contain, stabilize, or monitor contamination, restrict the movement of contamination, or eliminate potential exposure pathways to contamination. The ECs implemented at the Site include:

- Site-Wide Cover and Cap

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- Sub-Slab Depressurization Systems

### 3.0 MONITORING PROGRAM COMPLIANCE

#### 3.1 Components of the Monitoring Program

This section details the results of the monitoring program described in the SMP. In brief, the monitoring program includes:

##### **Completed Once in 2023**

- Indoor air quality sampling event

##### **Annually**

- SSDS inspection
- Site-Wide inspection

##### **Quarterly for Two Years Post Certificate of Completion**

- Gauging of groundwater monitoring wells
- Groundwater sampling

#### 3.1.1 Changes to the Monitoring Program

Since the submission and approval of the SMP and during post-remediation Site development, there were no changes made to the SSDS or cover system for the Site. The first quarter of 2025 groundwater sampling event completes the two years of quarterly groundwater monitoring.

#### 3.2 SSDS Inspection

On March 24, 2025, the SSDS was inspected in accordance with the SMP. The inspection form is included in Appendix B. The inspection identified the following:

- No significant deficiencies or maintenance issues were noted at the time of the inspection.
- Each of the five SSDSs were operating as intended and maintaining at least 1.35 inches of water column (in H<sub>2</sub>O) vacuum pressure at the pressure gauges.
- A minimum vacuum pressure of -0.004 in H<sub>2</sub>O was verified at all SSDS monitoring points accessible for inspection.
- The alarm systems for all fans were tested and found in working order.
- The rooftop fans were in good condition with no evidence of wear, excessive shaking, or electrical failures.
- Two monitoring points were inaccessible for inspection due to proximity of mechanical equipment blocking access to the points.

Inspection of the pressure gauges, the accessible pressure monitoring points, and the fans confirmed the SSDS is operating normally.

### 3.3 Site-Wide Inspection

In accordance with the SMP, a site-wide inspection was conducted to document performance of the ECs and compliance with the SMP and Environmental Easement. Although one annual site-wide inspection is required, the Site was thoroughly inspected and the checklist completed concurrently with each quarterly groundwater monitoring event. The inspection checklists are provided in Appendix C.

The results of the inspections indicate the following:

- The cover system was in good condition; there was no evidence of erosion, depressions, significant cracks, or damage to the cover systems.
- Vegetation is well established over the greenspace areas. No significant bare or thin areas were noted. There was no evidence of stressed vegetation or overgrowth that required maintenance.
- There was no evidence of intrusive activities.
- There was no evidence of vector activity.
- Site drainage systems appeared to be in good condition with no evidence of erosion around drainage structures, settlement, siltation or debris constricting flow. Manhole covers were present and in good condition.
- The Site access controls were observed to be in good condition.
- The monitoring wells sampled as part of the network, identified on Figure 2, appeared to be in good condition.

### 3.4 Gauging Groundwater Monitoring Wells

Groundwater water level measurements were monitored during the quarterly groundwater sampling events from each of the groundwater monitoring wells. Since the previous PRR, the groundwater monitoring well riser and top of casing elevations were surveyed to facilitate development of a groundwater contour map. Quarterly groundwater contour maps were provided in quarterly reports. A groundwater contour map from Q4 2024, representative of the reporting year, is included in Figure 4 and indicates that the groundwater flow direction is generally to the northwest towards Onondaga Creek.

### 3.5 Groundwater Sampling Event

The purpose of the groundwater monitoring event is to identify contaminant trends within the groundwater and evaluate whether monitored natural attenuation (MNA) is occurring/continuing.

#### 3.5.1 Groundwater Sampling Methods

In accordance with the SMP, purging and sampling was conducted using a submersible pump and low-flow purging and sampling techniques quarterly from the second quarter 2024 through the first quarter 2025. A Monsoon submersible pump with dedicated polyethylene tubing and a water quality meter (e.g. Horiba) with flow-through cell were utilized to determine when purge water from the well had reached stable conditions. Monitoring well MW-4 is a one-inch diameter monitoring well and unable to be purged and sampled with the Monsoon submersible pump, so a peristaltic pump was utilized to purge a minimum of three well volumes prior to sample collection. Field water quality parameters including depth to water, pH, temperature, turbidity, dissolved oxygen, specific conductance, and oxidation-reduction potential (ORP) were measured and

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recorded. Records of the field water quality parameters for each sampling event are included in Appendix D. After three consecutive readings within stabilization parameters, one sample was collected from the monitoring well. Following collection, the groundwater samples were packed into coolers with ice and transported to Pace Analytical Services, LLC (Pace) in Westborough, Massachusetts laboratory, whom is certified under the NYSDOH Environmental Laboratory Approval Program (ELAP).

Samples were submitted to Pace for the following analyses:

- VOCs via United States Environmental Protection Agency (EPA) Method 8260C;
- Total Iron via EPA Method 6010D;
- Ferrous and Ferric Iron via EPA Methods SM3500 and 6010.
- Sulfate via EPA Method 300.0;
- Sulfide via EPA Method SM 4500;
- Dissolved gases Methane and Carbon Dioxide;
- Total Organic Carbon (TOC) via EPA Method SM2320;
- Chloride via EPA Method 300; and,
- Nitrogen and Nitrate via EPA Method 300.0.

For quality assurance purposes, one blind duplicate (CHA-1) and matrix spike/matrix spike duplicate (MS/MSD) samples were collected. One trip blank was prepared by the laboratory and accompanied the sample containers throughout the sampling and transport processes. The laboratory analytical results from the four groundwater sampling events conducted during this reporting period are presented in Table 1 and summarized in Section 3.5.3.

### 3.5.2 Purge Water Disposal

Purge water was containerized in a 55-gallon steel drums, characterized for waste disposal purposes, and analytical results indicated the water is non-hazardous. The drums were staged on-site to be utilized for future groundwater monitoring events. CHA requested approval from the NYSDEC to manage the waste purge water as non-hazardous waste via “Contained-in Determination” request submitted to the NYSDEC in November 2023. The general contaminant concentrations have not changed significantly, and the waste disposal contractor accepted the determination for the disposal of purge water from this reporting year. Three drums of containerized purge water were transported to a permitted transfer facility in January 2025 where it was bulked with other non-hazardous liquid wastes for eventual disposal. The documentation for purge water disposal is included in Appendix E.

### 3.5.3 Groundwater Monitoring Results

Groundwater results were compared to the *Technical and Operational Guidance Series 1.1.1* (TOGS 1.1.1) Ambient Water Quality Standards (AWQS) for Class GA waters. The analytical results are included in Table 1 and presented on Figure 5. The full analytical laboratory reports are included in Appendix F.

#### 3.5.3.1 Upgradient Monitoring Well VOCs

Monitoring well MW-105D is located on the eastern perimeter of the Site and serves as the upgradient monitoring well. Throughout the reporting period, benzene was detected at concentrations ranging between 2.3 and 18 micrograms per liter ( $\mu\text{g/L}$ ), which exceeds the TOGS 1.1.1. AWQS of 1  $\mu\text{g/L}$ . No other VOC parameters were detected in exceedance of their

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applicable standards. Analytical results indicate the upgradient monitoring well is not impacted by the main Site COCs.

### 3.5.3.2 Downgradient Monitoring Well VOCs

Monitoring wells MW-4, MW-5R, MW-6R, and MW-7R are located near the source area, on the western perimeter of the Site, and act as the downgradient monitoring wells. Generally, these wells show elevated CVOC parameters in exceedance of TOGS 1.1.1 AWQS, as discussed below.

- Monitoring well MW-4 was found to have detections of:
  - DCE at concentrations ranging from 28 to 52 µg/L;
  - VC at concentrations ranging from 75 to 150 µg/L.
- Monitoring well MW-5R was found to have detections of:
  - PCE at concentrations ranging from 12 to 49 µg/L;
  - TCE at concentrations ranging from 4.9 to 10 µg/L;
  - DCE at concentrations ranging from 18 to 38 µg/L; and,
  - VC at concentrations ranging from 160 to 250 µg/L.
- Monitoring well MW-6R was found to have detections of:
  - TCE at concentrations ranging from 5.5 to 9.3 J µg/L;
  - DCE at concentrations ranging from 480 to 2,500 µg/L;
  - VC at concentrations ranging from 1,900 to 2,600 µg/L; and,
  - Benzene at estimated concentrations ranging from 1.6 J to 3.8 J µg/L.
  - Trans-1,2-dichloroethene at estimated concentrations ranging from non-detect to 19 J µg/L.
- Monitoring well MW-7R was found to have detections of:
  - DCE at concentrations ranging from 670 to 1,000 µg/L; and,
  - VC at concentrations ranging from 260 to 640 µg/L.
  - Trans-1,2-dichloroethene at estimated concentrations ranging from non-detect to 7.8 µg/L.

### 3.5.3.3 Other Parameters

To establish trends and to identify if MNA is occurring, multiple additional parameters were analyzed. These parameters are compared to the upgradient monitoring well (MW-105D) and trends over time during the MNA evaluation period will be evaluated. A preliminary evaluation of MNA is provided in the following section.

## 3.5.4 Monitored Natural Attenuation Evaluation

The Environmental Protection Agency Technical Protocol for Evaluation Natural Attenuation of Chlorinated Solved in Groundwater, September 1998, was referenced to describe the process of natural attenuation and aid in evaluating groundwater parameters. Natural attenuation consists of several processes that work, over time, to reduce the concentration of a given contaminant. These processes include biodegradation, dispersion, advection, dilution from recharge, sorption, and volatilization. Biodegradation is the most important mechanism to reduce contaminant concentrations, and the main contaminants of concern for this Site, CVOCs, biodegrade under natural conditions via reductive dechlorination. CVOCs are halogenated hydrocarbons where at least one hydrogen atom is replaced by a halogen, chlorine. During reductive dechlorination

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process, the CVOCs are used as an electron acceptor and a halogen (chlorine) is removed and replaced with a hydrogen atom. For this to occur, there must be an appropriate source of carbon for microbial growth. The carbon source can be naturally occurring TOC in the soil or a low-level presence of petroleum hydrocarbons. During the remedial design phase at this Site, detections of high levels of TOC and low-levels of benzene were identified Site-wide in subsurface clays.

Reductive dechlorination results in the formation of intermediates that are more reduced than the parent compound. The source contaminant at the Site is PCE and the sequential reductive dechlorination daughter compounds are TCE, DCE, and VC with a final end product of ethene. Generally, one or more of the following is observed at a site where reductive dechlorination is occurring:

- Low dissolved oxygen concentrations
- Accumulation of daughter products
- Chloride concentrations increase
- Ethene produced
- Methane produced
- Iron (II) produced
- Hydrogen concentrations greater than 1 nanomoles which equals a pH of less than 9 standard units.

As previously mentioned, one set of groundwater sampling results are available for this reporting period. Therefore, comparison to previous data and trend analysis of the MNA parameters will be presented in future PRRs. The preliminary discussion of MNA parameters incorporates field and laboratory data and will be updated as additional groundwater quality data is available.

### 3.5.4.1 Accumulation of Daughter Products

Figures 6 through 9 present trend graphs of CVOC parameters at monitoring wells MW-4, MW-5R, MW-6R, and MW-7R including historical data collected prior to remediation.

- Limited historical information was available for monitoring well MW-4, but generally this monitoring well appeared to be impacted by daughter products DCE and VC, only. Data from the reporting year indicates stabilization of DCE and VC after an initial increase after remediation likely from advection of the source PCE plume and subsequent reductive dechlorination.
- Monitoring well MW-5R showed a strong decline in PCE, TCE and DCE with an increase in VC concentrations after remediation was complete. Since quarterly monitoring began, it appears the concentrations have stabilized with higher levels of VC compared to the other CVOC compounds, which is indicative of reductive dechlorination.
- Monitoring well MW-6R previously was found to have much higher concentrations of daughter products TCE, DCE, and VC compared source product PCE indicating reductive dechlorination was occurring prior to monitoring. Recently, the concentration of DCE and VC has begun to increase with generally stable to decreasing concentrations of PCE and TCE with five of the last nine monitoring events showing concentrations of PCE not exceeding the TOGS 1.1.1. AWQS of 5 µg/L.
- Monitoring well MW-7R is slightly to the north of the source area and, based on the data, is likely on the edge of the PCE source plume. Concentrations of daughter products DCE and VC were noted during the initial investigations and DCE and VC remain the only parameters detected at concentrations exceeding TOGS 1.1.1 AWQS. The relatively

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stable but varying concentrations identified in the reporting year are likely due to continued reductive dechlorination within the source plume and advection of groundwater.

### 3.5.4.2 Parameters Associated with Terminal Electron Acceptors

Trend analysis or presence/absence of certain parameters were evaluated and discussed, below. Figures 10 through 14 present trends of a limited number of parameters including sulfate, iron, methane, chloride, and ethene.

#### Dissolved Oxygen

Reductive dechlorination occurs in an anaerobic environment, which is typically identified as less than 0.5 milligrams per liter (mg/L) dissolved oxygen. Dissolved oxygen was monitored via a flow-through cell on a water quality meter during the low flow purging process for all monitoring wells except for MW-4. The upgradient monitoring well MW-105D dissolved oxygen concentration was generally less than 2 mg/L in the second and third quarters of 2024, which is considered low oxygen, hypoxic, condition. The dissolved oxygen concentrations were found to stabilize at 0 during the fourth quarters of 2024 and first quarter of 2025. The general area is covered with asphalt, concrete, and buildings, and, therefore, the conditions do not exist to re-oxygenate the groundwater as it moves downgradient. Generally, the recorded dissolved oxygen concentration was below 0.5 mg/L in downgradient monitoring wells MW-5R, MW-6R, and MW-7R once the groundwater parameters stabilized.

The low oxygen environment is a strong indicator that the conditions for MNA via reductive dechlorination exist.

#### Nitrate

After dissolved oxygen has been depleted, nitrate may be used as an electron acceptor in anaerobic biodegradation. For reductive dechlorination to occur, nitrate concentrations in groundwater should be less than 1 mg/L. In all monitoring wells and all sampling events from the reporting period, nitrate concentrations were found to be less than 1 mg/L with many quarters of non-detect. There was no appreciable difference between the upgradient and downgradient monitoring wells. Therefore, the conditions exist for MNA via reductive dechlorination.

#### Sulfate

Sulfate at concentrations above approximately 20 mg/L may compete with CVOC reductive dechlorination and cause competitive exclusion where sulfate-reducing bacteria and bacteria capable of reducing CVOC concentrations are competing for sulfate as a terminal electron acceptor. Background concentrations of sulfate in groundwater exceed 20 mg/L, based on the data from upgradient monitoring well MW-105D.

The reduction of sulfate produces sulfide. Sulfide concentrations vary widely, but are typically detected in MW-4, MW-5R, and MW-6R. It is likely the naturally occurring sulfate is high and strongly reducing conditions exist particularly around MW-4, MW-5R, and MW-6R based on the production of sulfide. Figure 9 shows the sulfate concentrations in each monitoring well over time.

#### Iron (II)

Iron (III) can be used as an electron acceptor which is reduced to a water-soluble form, iron (II). Iron (II) concentrations greater than 1 mg/L are indicative of conditions where reductive dechlorination may occur. Iron (II) concentrations repeatedly exceed 1 mg/L in downgradient

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monitoring wells MW-6R and MW-7R and more recently have exceeded 1 mg/L at monitoring wells MW-4 and MW-5R. The upgradient monitoring well does not exceed 1 mg/L of iron (II) indicating enhanced reductive dechlorination of CVOC contaminants downgradient of the source.

### Methane

Methanogenesis typically occurs after oxygen, nitrate, and sulfate have been depleted in the treatment zone. During methanogenesis carbon dioxide is used as an electron acceptor and is reduced to methane. Generally, the presence of methane in groundwater is indicative of strongly reducing conditions. The upgradient monitoring well MW-105D was found to have lower methane concentrations compared to the downgradient monitoring wells, as shown on Figure 11. Therefore, it is expected the presence of contamination is further producing methane and further enhancing the reducing conditions.

#### 3.5.4.3 Additional Parameters

### Alkalinity

Increased alkalinity is generally associated with enhanced microbial activity. Since the start of quarterly monitoring in Q1 of 2023, the alkalinity concentrations are relatively stable. A decrease in alkalinity concentrations at MW-4 is likely due to development of the well after excessively turbid sampling we collected. This parameter will continue to be monitored.

### Chloride

During the breakdown of CVOCs, chlorine is released, and the groundwater concentrations of chloride are likely to increase. As shown on Figure 12, chloride concentrations in the downgradient monitoring wells show a slight increasing trend since quarterly monitoring began in Q1 2023.

### Ethene

Ethene is the final breakdown product of reductive dechlorination of PCE. Ethene concentrations were found to be non-detect in the upgradient monitoring well MW-105D for all quarters sampled during the reporting period. Ethene was detected at concentrations ranging from 6 to 510 µg/L in the downgradient monitoring wells with the highest concentration in monitoring well MW-6R which is suspected to be near the center of the remaining contaminant plume. Detection of ethene above the background concentration (non-detect) is a strong indicator that reductive dechlorination is occurring downgradient of the PCE source. Figure 13 shows the ethene concentrations in the downgradient monitoring wells.

### pH

Groundwater pH was monitored via a flow-through cell on a water quality meter during the purging process. The pH in all groundwater monitoring wells ranged from 6.7 to 7.4 pH units which correlates to a hydrogen ion concentration between 25 and 200 nanomoles. The groundwater pH levels are conducive to reductive dichlorination.

### Oxidation Reduction Potential

An ORP of less than 50 millivolts (mV) indicates reductive dechlorination is possible and less than -100 millivolts (mV) indicates it is likely. The downgradient monitoring wells show strong negative ORP around -100 to -200 mV. The ORP levels are conducive to reductive dechlorination.

### Total Organic Carbon

Total organic carbon is the energy source for reductive dechlorination. The carbon source could be natural organic matter or anthropogenic carbon sources such as fuel from a release. Generally, the ideal concentration of TOC in the subsurface groundwater for reductive dechlorination to occur is greater than 20 mg/L. The background TOC concentrations are approximately 5.6 to 7.7 mg/L while the downgradient monitoring well TOC concentrations ranged from 3.05 to 45.6 mg/L during this reporting period. This parameter will continue to be evaluated periodically.

#### 3.5.4.4 Natural Attenuation Software

The Natural Attenuation Software (NAS) was built by various government agencies and Virginia Tech for the purpose of estimating remediation timeframes for MNA. The software assumes several monitoring wells are installed in a line along the approximate centerline of the plume. Due to the location of the source and available real estate downgradient of the source, the downgradient monitoring wells MW-5R, MW-6R, and MW-7R transect the plume on the Site boundary. Additionally, due to redevelopment of the Site, no monitoring well was able to be installed directly in the source area to monitor COCs. Therefore, the applicability of this model is limited. CHA has evaluated several MNA parameters and have shown through other means that the conditions for reductive dechlorination are present at the Site.

### 3.6 Green and Sustainable Remediation

In accordance with the NYSDEC Program Policy DER-31, green remediation principles must be considered during each PRR. The following section summarizes the principles that were utilized during this reporting period in relation to the engineering controls present at the Site, and identifies potential areas for further reduction of impact to the environment where feasible.

As noted in Sections 2.2 and 3.0, two engineering controls are present at the Site: 1) a site-wide cover system, and 2) a sub-slab depressurization system. Additionally, groundwater monitoring is conducted quarterly to evaluate remaining contamination and the effectiveness of MNA.

Best management practices were initiated to limit the carbon footprint of each sampling event. CHA limited the number of required mobilizations to the Site to five and calculated the carbon footprint of transportation emissions for all travel between the office, vendor locations, and the Site. CHA estimates the emissions associated with travel to the Site to be approximately 195 lbs CO<sub>2</sub>eq for four groundwater sampling events and the SSDS inspection. Opportunities for carbon reduction may be available if there is a reduction in the frequency of sampling, as proposed in Section 4.3, and if the SSDS inspection can be combined with one of the groundwater sampling events.

Materials generated during this work are generally associated with groundwater sampling. CHA containerizes groundwater in 55-gallon drums that are staged on-site for one pickup/disposal event annually to reduce the trucking emissions associated with purge water disposal. All other materials generated on-site were associated with groundwater sampling such as laboratory supplied containers (disposed of at the laboratory), polyethylene tubing, and nitrile gloves.

The SSDS is required to operate at all times for the health and safety of the employees working in the building. Based on the watts of each fan operating for 365 days and five fans operating concurrently, the annual energy use is calculated to be 5,124.6 kWh. Syracuse, New York is located in one of the lowest carbon footprints per MWh energy grids in the nation. The 2023 eGRID data states 242.8 lbs CO<sub>2</sub>eq per MWh. Therefore, 1,244 lbs CO<sub>2</sub>eq were generated due

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to operation of the SSDS. The Site is operating as a light manufacturing facility and requires significant power consumption. An on-site solar array would not meet the demands of the building and, therefore, was not considered during construction. The power needs of the fans will not change with continued operation of the SSDS, but the NYUP eGRID subregion may become greener over time and, therefore, could reduce the carbon footprint of operating the SSDS.

The Site is located in a climate resilient location of New York State. According to ClimAID, the major changes to the general vicinity are likely to be more days of extreme heat and fewer days of extreme cold, average annual temperature increase of up to 7°F, and annual average precipitation increase of up to 8%. The Site is well equipped to manage extreme storms, particularly flooding, because the finished floor elevation of the building was raised above the 100-year flood plain. Surface cover systems consisting of asphalt, concrete, and soil cover systems are sufficiently thick and durable to withstand extreme storms and flooding events. An increase in temperature will not impact the SSDS or cover system. If extreme drought occurs, the groundwater monitoring well network may be impacted by lowered groundwater elevations which could limit the ability to sample each monitoring well.

At the time of this PRR, no significant impacts from extreme weather events or elevated temperatures have impacted the Site and no changes to the Site are required to enhance climate resiliency.

## 4.0 SUMMARY, CONCLUSIONS & RECOMMENDATIONS

### 4.1 Summary

The Site was observed to be in overall good condition at the time of the 2024-2025 activities. In summary:

- CHA inspected the SSDS and identified it was functioning as intended including verifying vacuum pressure at the pressure monitoring points.
- CHA inspected the Site, including the soil cover systems, and found the Site to be in good condition.
- CHA gauged and sampled the monitoring wells for Site COCs and MNA parameters.
- Groundwater results indicated concentrations of CVOCs exceed the AWQS but generally show a stable trend at lower overall concentrations compared to pre-remedial activity.
- MNA parameters were evaluated and indicate favorable conditions for reductive dechlorination to reduce CVOC concentrations over time. MNA is a slow process that will require periodic evaluation over the coming years.

### 4.2 Conclusions

As previously indicated, the IC and EC Certification Forms are included in Appendix A. Provided that the ICs and ECs established for the Site remain in place, and are maintained, it is expected that the remedy will continue to be effective in protecting human health and the environment. The SSDS continues to perform at an acceptable vacuum pressure based on pressure monitoring point measurements and the Site cover is in good condition. The results of the groundwater sampling event indicate a significant decline in overall CVOC concentrations compared to pre-remediation conditions. Generally, CVOC concentrations have stabilized. Based on the MNA evaluation, the conditions persist in the groundwater to continue to reduce the remaining

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contaminant mass via reductive dechlorination of PCE which is a slow process that should be evaluated over time.

### 4.3 Recommendations

It is recommended that all current Site ICs and ECs remain in place, and the ECs continue to be inspected and monitored.

It appears MNA will reduce the remaining contamination over time. Additionally, the downgradient tax map parcel has been acquired by JMA Wireless and has entered into the Brownfield Cleanup Program under the name JMA Campus Plan (C734166) at the address 623 Oneida Street, Syracuse, New York. Considering the downgradient parcel requires further evaluation and, potentially, active remediation, CHA proposes reducing the sampling frequency at the Former Coyne Textile Facility to semi-annual until such time a more comprehensive groundwater monitoring network is established on both sites.

Therefore, the Site would require:

- One annual site-wide inspection
- One annual SSDS inspection
- Two groundwater monitoring events conducted in the second and fourth quarters for:
  - VOCs via EPA Method 8260
  - Iron I and Iron II via EPA Methods SM3500 and 6010
  - Sulfate and Chloride via EPA Method 300
  - Sulfide via EPA Method 4500
  - Methane, Ethane, Ethene, and Carbon Dioxide via EPA Method 117
  - Total Organic Carbon via EPA Method 9060
  - Alkalinity via EPA Method 2320
  - Nitrate via EPA Method 353
  - Field Water Quality Parameters
    - Oxidation-Reduction Potential
    - Dissolved Oxygen
    - pH
    - Specific Conductivity
    - Temperature

No other changes to the operation and maintenance plans are recommended at this time. The next reporting period will be April 28<sup>th</sup>, 2025, through April 28<sup>th</sup>, 2026. A PRR will be submitted within 30 days of the end of the reporting period and will include a certification of the ICs and ECs.

# TABLES

**Table 1.**  
Groundwater Sample Results  
Detections Only  
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LOCATION			MW-105D															
SAMPLING DATE			5/3/2023		8/16/2023		10/24/2023		3/20/2024		6/5/2024		8/22/2024		11/13/2024		3/11/2025	
TOTAL DEPTH			26'		26'		26'		26'		26'		26'		26'		26'	
SCREENED INTERVAL			16' - 26' bgs		16' - 26' bgs		16' - 26' bgs		16' - 26' bgs		16 - 26' bgs		16 - 26' bgs		16'-26' bgs		16'-26' bgs	
	NY-AWQS	Units	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual
<b>Anions by Ion Chromatography</b>																		
Chloride	250,000	µg/L	67,900		160,000		65,900		53,200		88,100		38,300		78,900		146,000	
Nitrogen, Nitrate	10,000	µg/L	542		ND		23	J	ND		37	J	690		ND		40	J
Sulfate	250,000	µg/L	42,900		44,400		23,400		23,200		5,510		89,200		13,600		49,300	
Sulfide	50	µg/L	ND		ND		ND		ND		ND		ND		ND		ND	
<b>Dissolved Gases by GC</b>																		
Carbon Dioxide		µg/L	85,400		NS		91,800		58,700		90,100		55,200		71,700		61,600	
Ethane		µg/L	2.35		5.49		5.32		ND		ND		ND		4.3		ND	
Ethene		µg/L	ND		ND		ND		ND		ND		ND		ND		ND	
Methane		µg/L	2,560		3,520		3,340		1,890		186		810		2,400		1,100	
<b>General Chemistry</b>																		
Alkalinity, Total		mg CaCO	460		577		582		551		618		453		629		496	
Total Organic Carbon		µg/L	5,870		6,110		7,400		6,030		7,230		7,730		7,340		5,620	
<b>Volatile Organics by GC/MS</b>																		
1,1-Dichloroethene	5	µg/L	ND		ND		ND		ND		ND		ND		ND		ND	
Acetone	50	µg/L	ND		ND		ND		ND		ND		ND		ND		ND	
Benzene	1	µg/L	1.3		6.9		5.7		6.4		8.8		2.3		18		9.1	
Chloroethane	5	µg/L	0.9	J	0.94	J	ND		ND		ND		ND		ND		ND	
cis-1,2-Dichloroethene	5	µg/L	ND		ND		ND		ND		ND		ND		ND		ND	
Methyl cyclohexane		µg/L	ND		ND		ND		ND		ND		ND		ND		ND	
Tetrachloroethene	5	µg/L	ND		ND		ND		ND		ND		ND		ND		ND	
trans-1,2-Dichloroethene	5	µg/L	ND		ND		ND		ND		ND		ND		ND		ND	
Trichloroethene	5	µg/L	ND		ND		ND		ND		ND		ND		ND		ND	
Vinyl chloride	2	µg/L	0.1	J	0.49	J	0.16	J	ND		ND		ND		ND		ND	
<b>Metals</b>																		
Ferrous Iron		µg/L	NS		NS		NS		NS		680		90	J	330	J	100	J
Ferric Iron		µg/L	NS		NS		NS		NS		1,400		450	J	3,000		730	J
Total Iron	300	µg/L	1,750		2,140		2,350		918		2,100		542		3,370		831	

**Table 1.**  
Groundwater Sample Results  
Detections Only  
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LOCATION			MW-4															
SAMPLING DATE			5/3/2023	8/16/2023	10/24/2023	3/21/2024	6/5/2024	8/22/2024	11/13/2024	3/11/2025								
TOTAL DEPTH			18'	18'	18'	18'	18'	18'	18'	18'	18'	18'						
SCREENED INTERVAL			8' - 18' bgs	8' - 18' bgs	8' - 18' bgs	8' - 18' bgs	8' - 18' bgs	8' - 18' bgs	8' - 18' bgs	8' - 18' bgs	8' - 18' bgs	8' - 18' bgs						
	NY-AWQS	Units	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual				
<b>Anions by Ion Chromatography</b>																		
Chloride	250,000	µg/L	197,000		132,000		<b>258,000</b>		<b>286,000</b>		<b>314,000</b>		<b>293,000</b>		<b>259,000</b>		<b>259,000</b>	
Nitrogen, Nitrate	10,000	µg/L	366		100		170	J	28		ND		ND		ND		ND	
Sulfate	250,000	µg/L	33,800		138,000		96,900		81,400		78,600		66,500		71,200		55,200	
Sulfide	50	µg/L	ND		<b>2,100</b>		<b>1,700</b>		<b>800</b>		<b>1,400</b>		ND		<b>3,000</b>		ND	
<b>Dissolved Gases by GC</b>																		
Carbon Dioxide		µg/L	116,000		NS		56,600		52,400		50,200		32,900		49,600		67,400	
Ethane		µg/L	925		750		407		604		35		460		640		790	
Ethene		µg/L	136		226		81.5		90.6		12		77		50		28	
Methane		µg/L	10,700		8,760		7,650		8,800		473		10,000		11,000		12,000	
<b>General Chemistry</b>																		
Alkalinity, Total		mg CaCO	941		776		430		406		390		370		396		475	
Total Organic Carbon		µg/L	30,400		15,900		20,000		800		11,300		8,280		9,550		10,500	
<b>Volatile Organics by GC/MS</b>																		
1,1-Dichloroethene	5	µg/L	ND		ND		ND	J	0.18		ND		ND		ND		ND	
Acetone	50	µg/L	3.7	J	2	J	2.3	J	ND		ND		ND		ND		ND	
Benzene	1	µg/L	ND		0.38		0.48	J	0.59		0.43	J	0.5		0.45	J	0.29	J
Chloroethane	5	µg/L	ND		ND		ND		ND		ND		ND		ND		ND	
cis-1,2-Dichloroethene	5	µg/L	ND		<b>39</b>		<b>56</b>		<b>74</b>		<b>48</b>		<b>51</b>		<b>52</b>		<b>28</b>	
Methyl cyclohexane		µg/L	0.63	J	0.61	J	ND		ND		ND		ND		ND		ND	
Tetrachloroethene	5	µg/L	ND		ND		ND		ND		ND		ND		ND		ND	
trans-1,2-Dichloroethene	5	µg/L	ND		ND		ND		ND		ND		ND		ND		ND	
Trichloroethene	5	µg/L	ND		ND		ND		ND		ND		ND		ND		ND	
Vinyl chloride	2	µg/L	0.26	J	<b>70</b>		<b>90</b>		<b>140</b>		<b>100</b>		<b>120</b>		<b>150</b>		<b>75</b>	
<b>Metals</b>																		
Ferrous Iron		µg/L	NS		NS		NS		NS		780		380	J	1,200		1,800	
Ferric Iron		µg/L	NS		NS		NS		NS		4,300		2,900	J	3,600		7,200	
Total Iron	300	µg/L	<b>142,000</b>		<b>50,600</b>		<b>105,000</b>		<b>6,630</b>		<b>5,110</b>		<b>3,250</b>		<b>4,770</b>		<b>8,970</b>	

**Table 1.**  
Groundwater Sample Results  
Detections Only  
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LOCATION			MW-5R																
SAMPLING DATE			3/30/2023	5/3/2023	8/16/2023	10/24/2023	3/20/2024	6/5/2024	8/22/2024	11/13/2024	3/11/2025								
TOTAL DEPTH			20'	20'	20'	20'	20'	20'	20'	20'	20'								
SCREENED INTERVAL			10' - 20' bgs																
	NY-AWQS	Units	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual							
<b>Anions by Ion Chromatography</b>																			
Chloride	250,000	µg/L	212,000		188,000		206,000		277,000		318,000		273,000		267,000		347,000		339,000
Nitrogen, Nitrate	10,000	µg/L	ND		2,140		ND		ND		ND		ND		607		ND		ND
Sulfate	250,000	µg/L	187,000		169,000		166,000		184,000		162,000		146,000		129,000		146,000		148,000
Sulfide	50	µg/L	34		100		470		250		ND		250		ND		1800		2400
<b>Dissolved Gases by GC</b>																			
Carbon Dioxide		µg/L	41,200		41,700		NS		37,700		29,100		31,200		26,300		28,500		27,200
Ethane		µg/L	55		55.5		42.8		50.1		37.8		6.7		39		44		34
Ethene		µg/L	30.4		24.7		22.9		32.6		22.5		6.08		28		30		21
Methane		µg/L	1,390		1,480		1,270		1,210		788		260		1,200		1,400		810
<b>General Chemistry</b>																			
Alkalinity, Total		mg CaCO	328		322		327		270		277		288		294		254		274
Total Organic Carbon		µg/L	5,790		5,960		4,210		3,200		3,060		3,400		3,540		3,050		3,440
<b>Volatile Organics by GC/MS</b>																			
1,1-Dichloroethene	5	µg/L	ND		ND		ND		ND		ND		ND		ND		ND		ND
Acetone	50	µg/L	ND		ND		ND		ND		ND		ND		ND		ND		ND
Benzene	1	µg/L	0.31	J	0.4	J	0.74		0.64		0.88		0.52		0.63		0.67		0.67
Chloroethane	5	µg/L	ND		2.2	J	ND		1.8	J	1.2	J	ND		ND		0.97	J	ND
cis-1,2-Dichloroethene	5	µg/L	34		16		14		14		27		18		22		29		38
Methyl cyclohexane		µg/L			ND		ND		ND		ND		ND		ND		ND		ND
Tetrachloroethene	5	µg/L	8.2		12		28		11		74		12		20		49		12
trans-1,2-Dichloroethene	5	µg/L	ND		ND		ND		ND		ND		ND		ND		ND		ND
Trichloroethene	5	µg/L	5.8		6.1		7.1		4.3		13		4.9		5.9		10		5.1
Vinyl chloride	2	µg/L	220		280		180		200		190		160		200		250		180
<b>Metals</b>																			
Ferrous Iron		µg/L	NS		NS		NS		NS		NS		220	J	190	J	860		1400
Ferric Iron		µg/L	NS		NS		NS		NS		NS		1,900	J	1,900	J	2,100		2,100
Total Iron	300	µg/L	16,300		4,730		7,090		3,010		2,300		2,100		2,070		3,000		3,510

**Table 1.**  
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LOCATION			MW-6R																	
SAMPLING DATE			3/30/2023	5/3/2023	8/16/2023	10/24/2023	3/20/2024	6/5/2024	8/22/2024	11/13/2024	3/11/2025									
TOTAL DEPTH			20'	20'	20'	20'	20'	20'	20'	20'	20'									
SCREENED INTERVAL			10' - 20' bgs																	
	NY-AWQS	Units	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual						
<b>Anions by Ion Chromatography</b>																				
Chloride	250,000	µg/L	299,000		245,000		407,000		330,000		303,000		383,000		353,000		353,000		321,000	
Nitrogen, Nitrate	10,000	µg/L	ND		521		ND	J	23	J	37	J	ND		ND		ND		ND	
Sulfate	250,000	µg/L	75,000		42,800		63,400		113,000		71,800		61,200		56,700		87,400		70,000	
Sulfide	50	µg/L	27		ND		ND		150		ND		ND		ND		2,400		ND	
<b>Dissolved Gases by GC</b>																				
Carbon Dioxide		µg/L	65,400		57,200		NS		69,200		58,700		97,800		67,200		ND		60,600	
Ethane		µg/L	221		200		262		303		259		26		520		380		380	
Ethene		µg/L	185		162		296		343		515		35.7		500		490		510	
Methane		µg/L	6,850		6,090		8,240		7,860		4,730		313		8,900		8,300		5,600	
<b>General Chemistry</b>																				
Alkalinity, Total		mg CaCO	375		350		524		384		421		482		463		384		359	
Total Organic Carbon		µg/L	10,400		9,360		15,200		12,000		12,200		14,500		15,000		11,800		10,300	
<b>Volatile Organics by GC/MS</b>																				
1,1-Dichloroethene	5	µg/L	0.46	J	0.42	J	ND		0.96	J	0.74	J	ND		ND		3.8	J	2.7	J
Acetone	50	µg/L	ND		ND		ND		ND		ND		ND		ND		ND		ND	
Benzene	1	µg/L	0.36	J	0.35	J	ND		1	J	1.2	J	1.6	J	3.2	J	3.8	J	2.5	J
Chloroethane	5	µg/L	ND		1	J	ND		ND		ND		ND		ND		ND		ND	
cis-1,2-Dichloroethene	5	µg/L	130		98		41		380		400		480		1,300		2,500		1,800	
Methyl cyclohexane		µg/L			ND		ND		ND		ND		ND		ND		ND		ND	
Tetrachloroethene	5	µg/L	9.7		7.9		2.7		21		9		4.3		5		4.8	J	3	J
trans-1,2-Dichloroethene	5	µg/L	2.7		2.4		ND		ND		3.3	J	3.7	J	12	J	ND		19	J
Trichloroethene	5	µg/L	13		11		3.5		26		11		6.6		7.6		9.3	J	5.5	
Vinyl chloride	2	µg/L	190		470		920		1,500		1,400		2,100		1,900		2,600		1,900	
<b>Metals</b>																				
Ferrous Iron		µg/L	NS		NS		NS		NS		NS		1,100		2,200		4,800		1,500	
Ferric Iron		µg/L	NS		NS		NS		NS		NS		10,000		7,200		2800		5100	
Total Iron	300	µg/L	11,400		7,420		14,700		11,100		8,620		11,600		9,360		7,610		6,580	

**Table 1.**  
Groundwater Sample Results  
Detections Only  
Former Coyne Textile Facility  
2025 Periodic Review Report

LOCATION			MW-7R																	
SAMPLING DATE			3/30/2023		5/3/2023		8/16/2023		10/24/2023		3/20/2024		6/5/2024		8/22/2024		11/13/2024		3/11/2025	
TOTAL DEPTH			20'		20'		20'		20'		20'		20'		20'		20'		20'	
SCREENED INTERVAL			10' - 20' bgs		10' - 20' bgs		10' - 20' bgs		10' - 20' bgs		10' - 20' bgs		10' - 20' bgs		10' - 20' bgs		10' - 20' bgs		10' - 20' bgs	
	NY-AWQS	Units	Results	Qual																
<b>Anions by Ion Chromatography</b>																				
Chloride	250,000	µg/L	301,000		316,000		373,000		338,000		372,000		350,000		281,000		336,000		402,000	
Nitrogen, Nitrate	10,000	µg/L	ND		761		ND		ND	J	28		ND		ND		ND		ND	
Sulfate	250,000	µg/L	86,100		65,800		63,000		126,000		92,700		107,000		95,300		111,000		86,900	
Sulfide	50	µg/L	40		ND															
<b>Dissolved Gases by GC</b>																				
Carbon Dioxide		µg/L	61,800		49,100		NS		74,700		61,600		69,800		42,600		45,200		60,800	
Ethane		µg/L	9.77		5.35		24.3		17.9	J	11.5		10		17		25		14	
Ethene		µg/L	15.8		8.4		36		50.7		28.9		25		42		61		44	
Methane		µg/L	4,910		2,890		3,710		4,460		4,040		3,830		4,100		4,700		4,600	
<b>General Chemistry</b>																				
Alkalinity, Total		mg CaCO	376		297		396		382		378		376		332		347		356	
Total Organic Carbon		µg/L	4,740		2,950		4,540		4,800		5,990		45,600		7,310		5,720		5,640	
<b>Volatile Organics by GC/MS</b>																				
1,1-Dichloroethene	5	µg/L	3.7		1.9		6.4	J	5.5		3.7	J	3.6		3.2	J	3.9	J	2.3	J
Acetone	50	µg/L	ND																	
Benzene	1	µg/L	0.43	J	0.2	J	ND		ND		ND		0.52		ND		ND		ND	
Chloroethane	5	µg/L	ND																	
cis-1,2-Dichloroethene	5	µg/L	670		390		1,600		1,400		820		670		850		1,000		730	
Methyl cyclohexane		µg/L	ND		1.3	J	ND		ND		ND									
Tetrachloroethene	5	µg/L	ND																	
trans-1,2-Dichloroethene	5	µg/L	2.5		1.1	J	ND		ND		ND		4.4		ND		ND		7.8	J
Trichloroethene	5	µg/L	0.32	J	ND		ND		ND		ND		0.35	J	ND		ND		ND	
Vinyl chloride	2	µg/L	180		140		560		510		370		260		390		640		380	
<b>Metals</b>																				
Ferrous Iron		µg/L	NS		1,000		1,400		1,500		3,000									
Ferric Iron		µg/L	NS		7,200		3,000		2,100		3,700									
Total Iron	300	µg/L	9,650		5,020		6,250		4,540		7,270		8,150		4,420		3,560		6,700	

## Notes:

Samples collected by CHA Consulting, Inc.

Samples analyzed by Pace Analytical Services (ELAP 11148).

ND - Non Detect

NS - Not Sampled

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

**BOLD** parameter exceeds NY-AWQS: New York TOGS 1.1.1 Ambient Water Quality Standards

B - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank.

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

F - The ratio of quantifier ion response to qualifier ion response falls outside of the laboratory criteria. Results

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

U - Not detected at the reported detection limit for the sample.

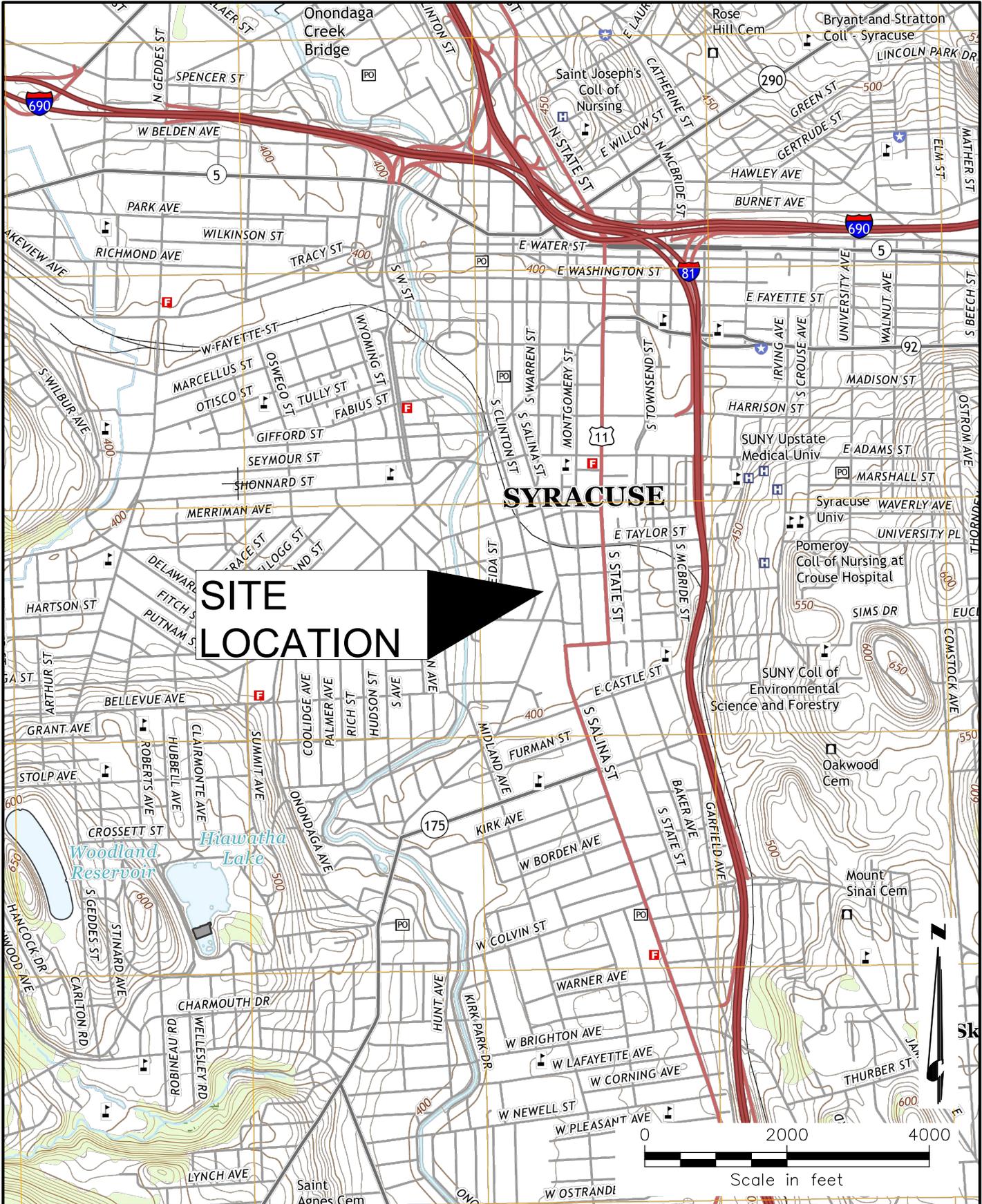
\* Comparison is not performed on parameters with non-numeric criteria.

July 2015 samples collected at monitoring well MW-4 and the monitoring well clusters MW-5, MW-6, and MW-7 were collected by GZA Environmental of New York as part of the Off-Site Environmental Characterization Report (August, 2015)

NS - Parameter not sampled

# FIGURES

File: V:\PROJECTS\ANY\K7\059294.003\09\_DESIGN\DRAWINGS\ENV\2025\_PRR\_FIGURES.DWG Saved: 5/12/2025 9:53:58 AM Plotted: 5/12/2025 9:54:54 AM Current User: Ehmamm, Karyn Last Saved By: 5768



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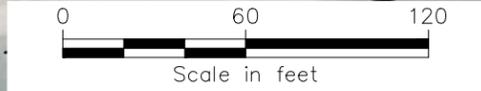
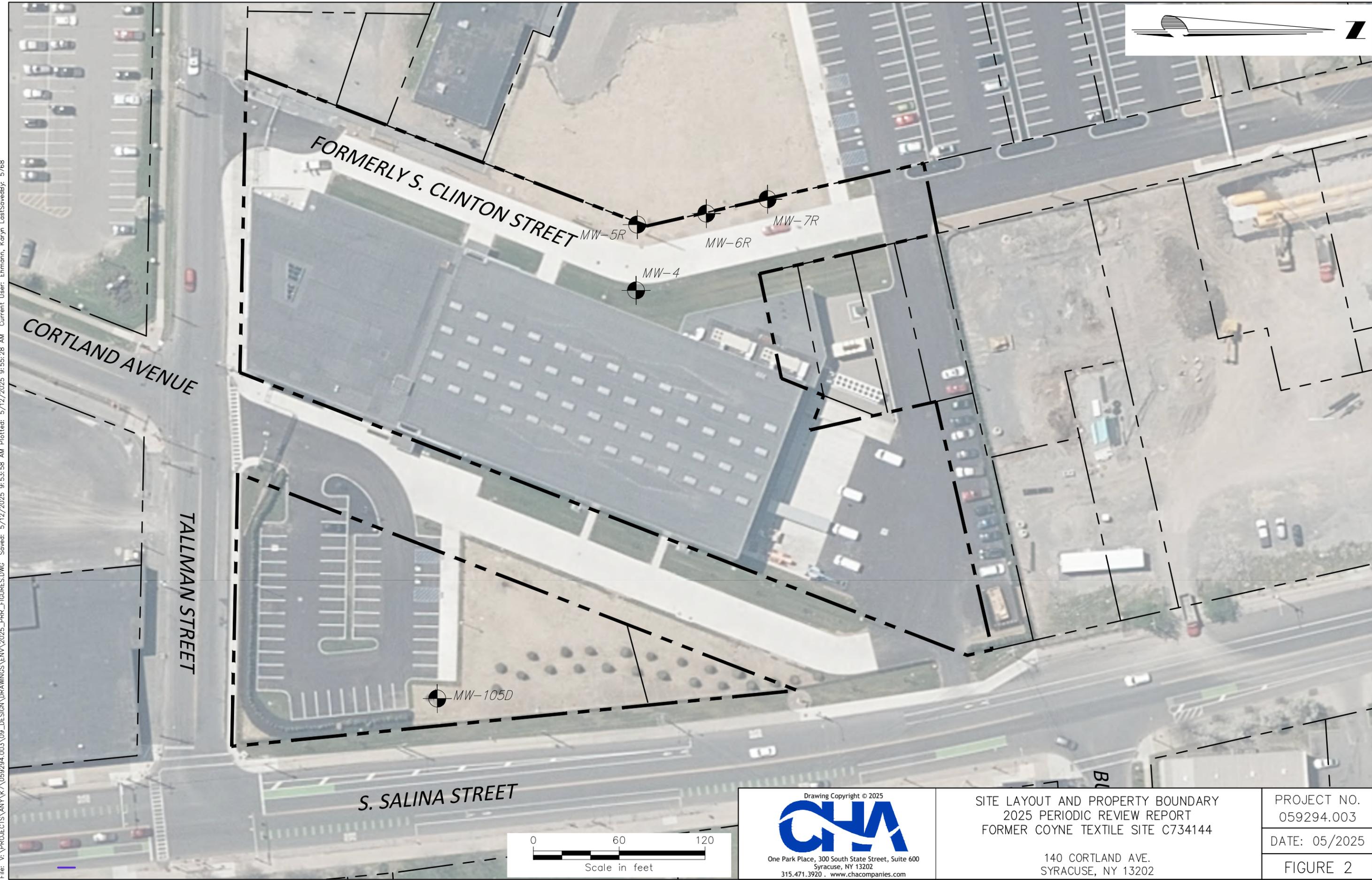
**SITE LOCATION MAP**  
**PERIODIC REVIEW REPORT**  
**FORMER COYNE TEXTILE FACILITY C734144**  
 140 CORTLAND AVE  
 SYRACUSE, NEW YORK

PROJECT NO.  
059294.003

DATE: 05/2025

**FIGURE 1**

File: V:\PROJECTS\NY\K7\059294.003\09\_DESIGN\DRAWINGS\ENV\2025\_PRR\_FIGURES.DWG Saved: 5/12/2025 9:53:58 AM Plotted: 5/12/2025 9:55:28 AM Current User: Ehmamm, Koryn LastSavedBy: 5768



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SITE LAYOUT AND PROPERTY BOUNDARY  
2025 PERIODIC REVIEW REPORT  
FORMER COYNE TEXTILE SITE C734144

140 CORTLAND AVE.  
SYRACUSE, NY 13202

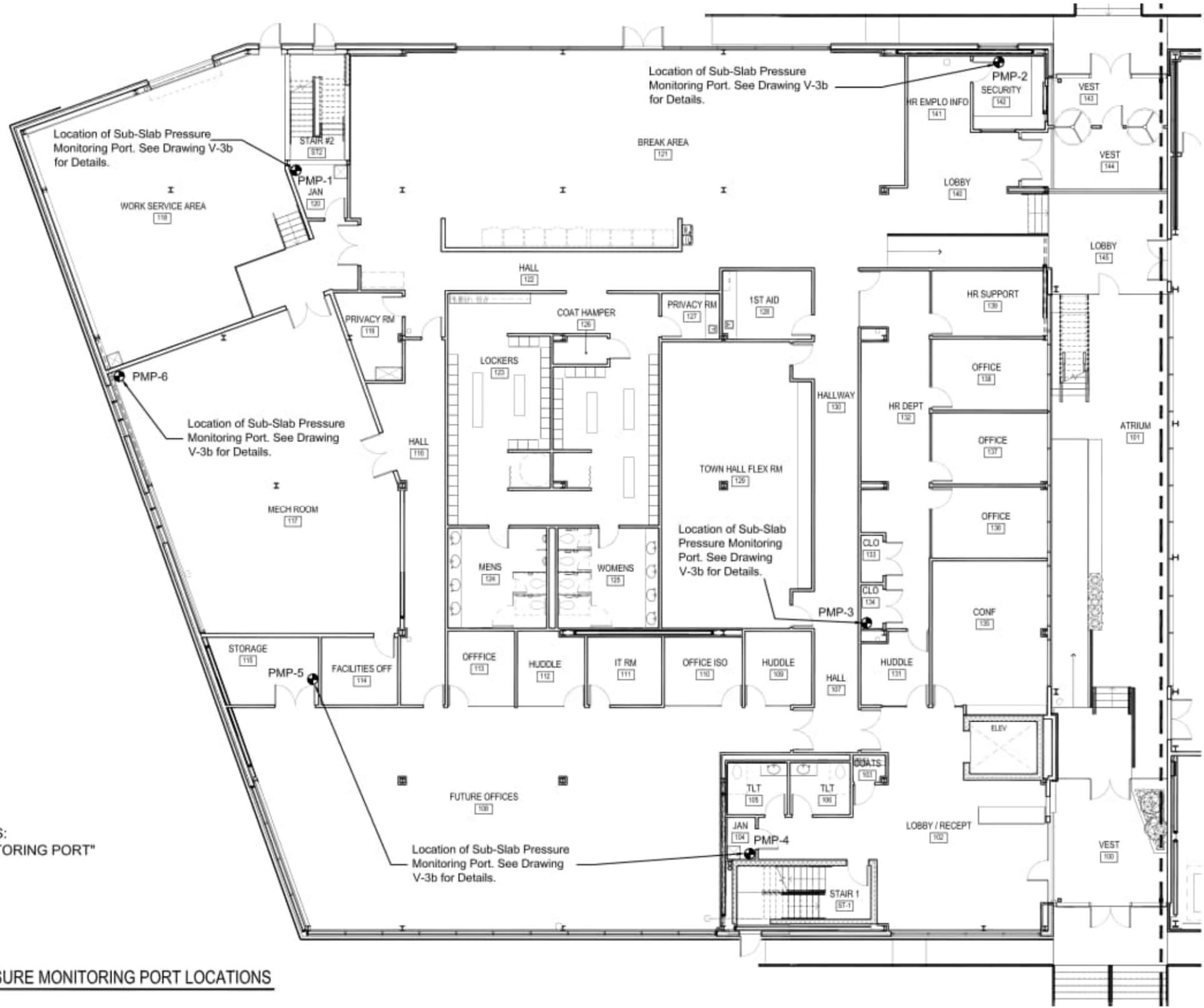
PROJECT NO.  
059294.003

DATE: 05/2025

FIGURE 2

**NOTES:**  
 SYSTEM LABELS  
 LABEL PRESSURE MONITORING PORTS:  
 "VAPOR MITIGATION PRESSURE MONITORING PORT"

**1** 1st FLOOR OFFICES - PRESSURE MONITORING PORT LOCATIONS  
 SCALE: 3/32" = 1'-0"



Site layout from the Alpine Environmental Services First Floor Offices Pressure Monitoring Port Locations, provided in the SMP.

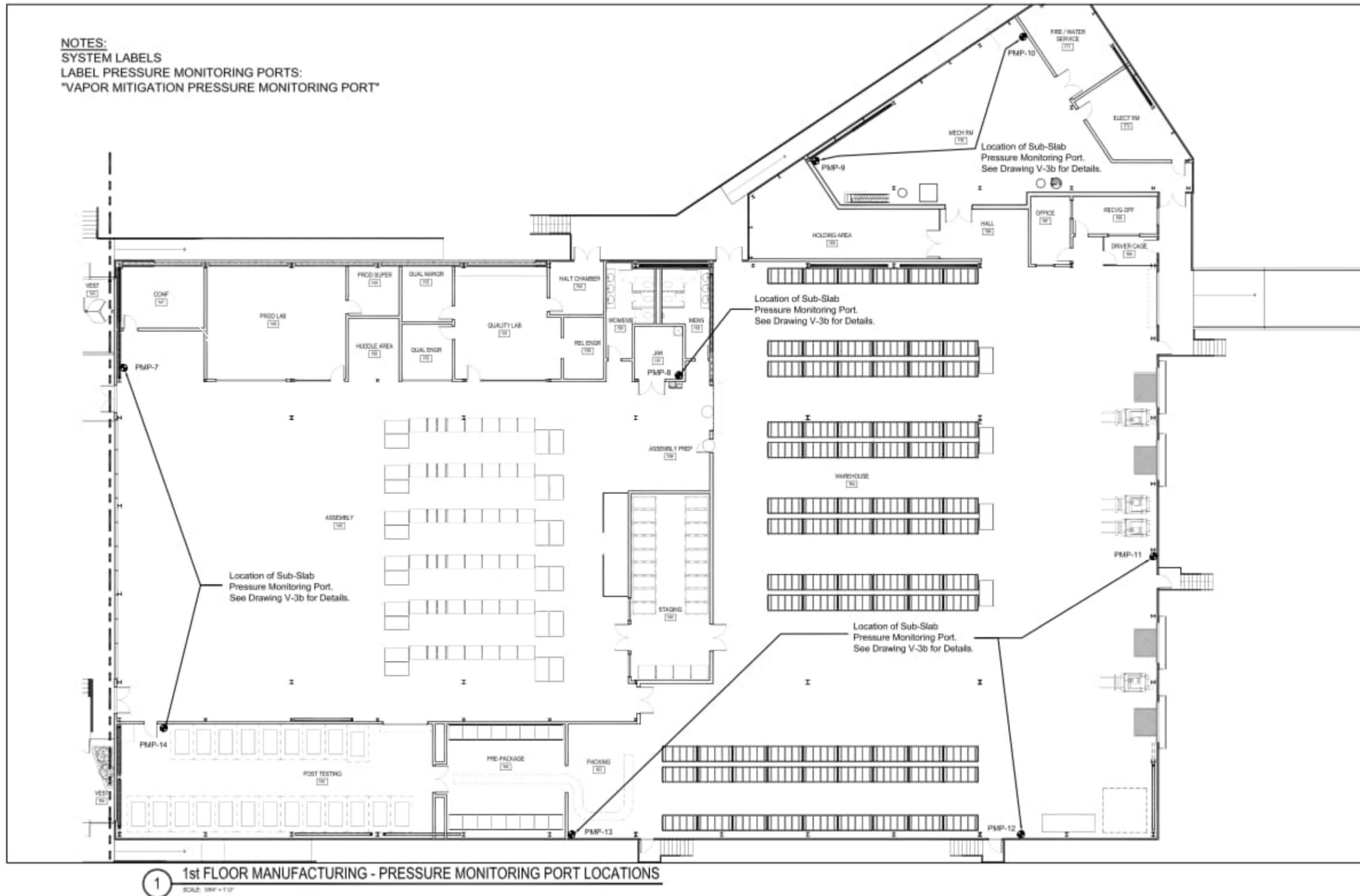
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**PRESSURE MONITORING POINT LOCATIONS**  
 FORMER COYNE TEXTILE  
 140 CORTLAND AVENUE  
 SYRACUSE, NEW YORK

PROJECT NO.  
 059294.003  
 DATE: 05/2025  
 FIGURE 3A

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Site layout from the Alpine Environmental Services First Floor Offices Pressure Monitoring Port Locations, provided in the SMP.

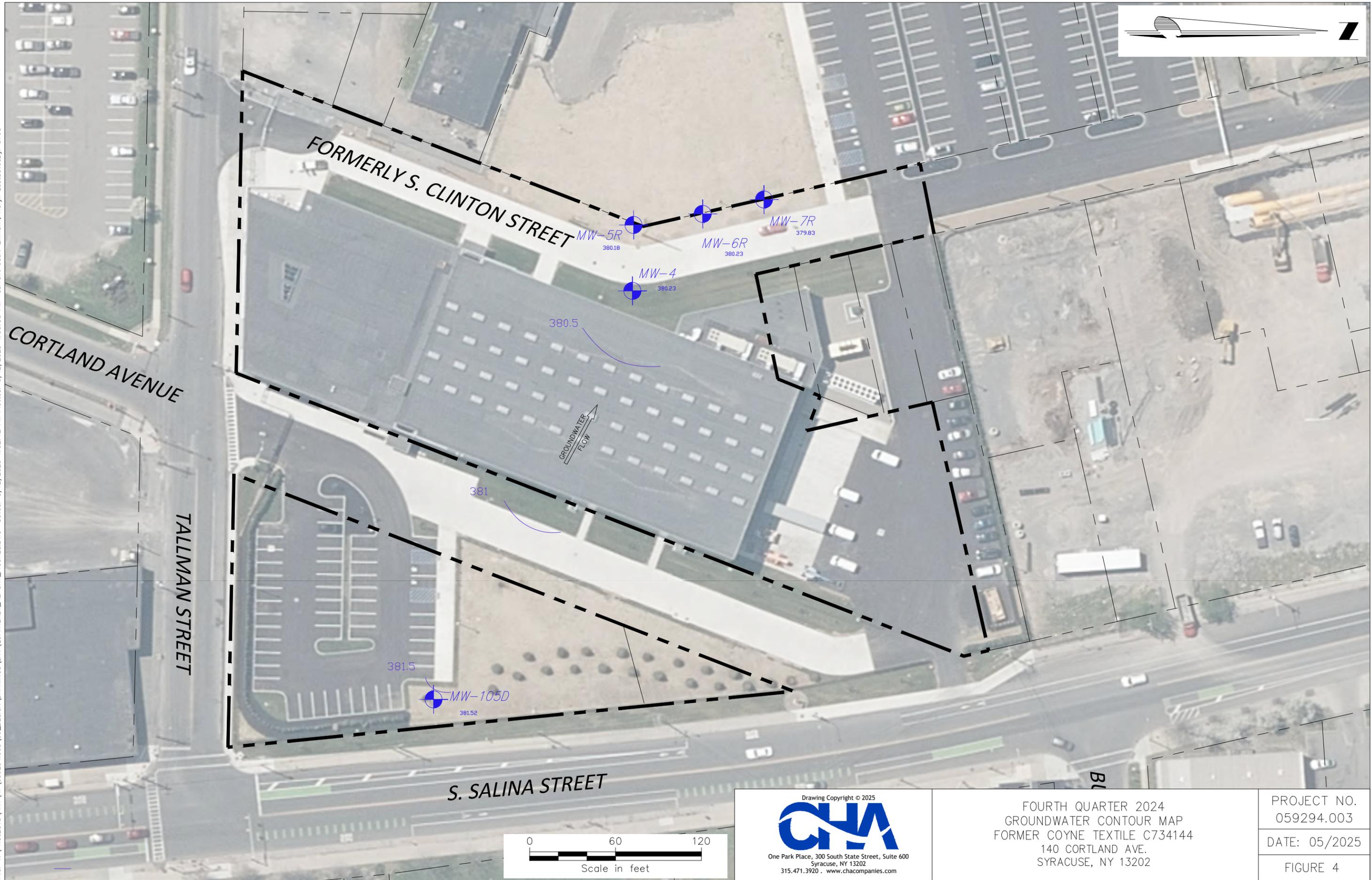
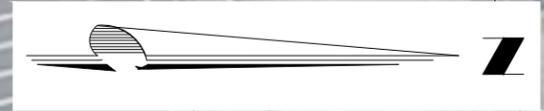
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**PRESSURE MONITORING POINT LOCATIONS**  
 FORMER COYNE TEXTILE  
 140 CORTLAND AVENUE  
 SYRACUSE, NEW YORK

PROJECT NO. 059294.003
DATE: 05/2025
FIGURE 3B

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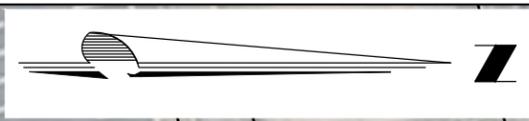


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FOURTH QUARTER 2024  
GROUNDWATER CONTOUR MAP  
FORMER COYNE TEXTILE C734144  
140 CORTLAND AVE.  
SYRACUSE, NY 13202

PROJECT NO. 059294.003
DATE: 05/2025
FIGURE 4

File: V:\PROJECTS\ANY\7\059294\_003\09\_DESIGN\DRAWINGS\ENV\2025\_PRR\_FIGURES.DWG Saved: 5/12/2025 9:53:58 AM Plotted: 5/12/2025 9:56:01 AM Current User: Ehrmann, Koryn LastSavedBy: 5768

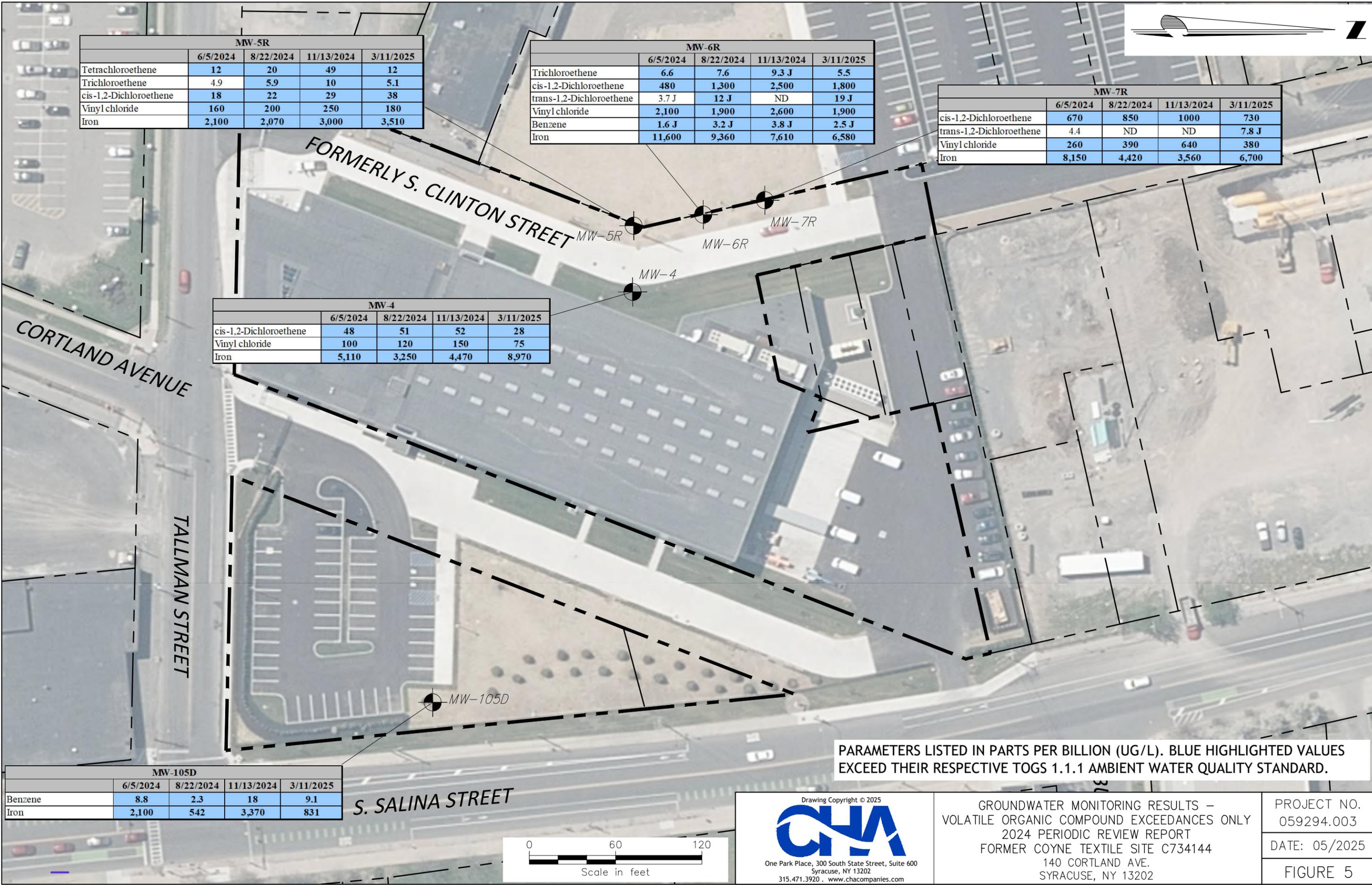


MW-5R				
	6/5/2024	8/22/2024	11/13/2024	3/11/2025
Tetrachloroethene	12	20	49	12
Trichloroethene	4.9	5.9	10	5.1
cis-1,2-Dichloroethene	18	22	29	38
Vinyl chloride	160	200	250	180
Iron	2,100	2,070	3,000	3,510

MW-6R				
	6/5/2024	8/22/2024	11/13/2024	3/11/2025
Trichloroethene	6.6	7.6	9.3 J	5.5
cis-1,2-Dichloroethene	480	1,300	2,500	1,800
trans-1,2-Dichloroethene	3.7 J	12 J	ND	19 J
Vinyl chloride	2,100	1,900	2,600	1,900
Benzene	1.6 J	3.2 J	3.8 J	2.5 J
Iron	11,600	9,360	7,610	6,580

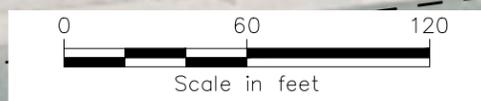
MW-7R				
	6/5/2024	8/22/2024	11/13/2024	3/11/2025
cis-1,2-Dichloroethene	670	850	1000	730
trans-1,2-Dichloroethene	4.4	ND	ND	7.8 J
Vinyl chloride	260	390	640	380
Iron	8,150	4,420	3,560	6,700

MW-4				
	6/5/2024	8/22/2024	11/13/2024	3/11/2025
cis-1,2-Dichloroethene	48	51	52	28
Vinyl chloride	100	120	150	75
Iron	5,110	3,250	4,470	8,970



PARAMETERS LISTED IN PARTS PER BILLION (UG/L). BLUE HIGHLIGHTED VALUES EXCEED THEIR RESPECTIVE TOGS 1.1.1 AMBIENT WATER QUALITY STANDARD.

MW-105D				
	6/5/2024	8/22/2024	11/13/2024	3/11/2025
Benzene	8.8	2.3	18	9.1
Iron	2,100	542	3,370	831



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GROUNDWATER MONITORING RESULTS –  
VOLATILE ORGANIC COMPOUND EXCEEDANCES ONLY  
2024 PERIODIC REVIEW REPORT  
FORMER COYNE TEXTILE SITE C734144  
140 CORTLAND AVE.  
SYRACUSE, NY 13202

PROJECT NO.  
059294.003  
DATE: 05/2025  
FIGURE 5

Figure 6: CVOOC Concentrations at MW-4

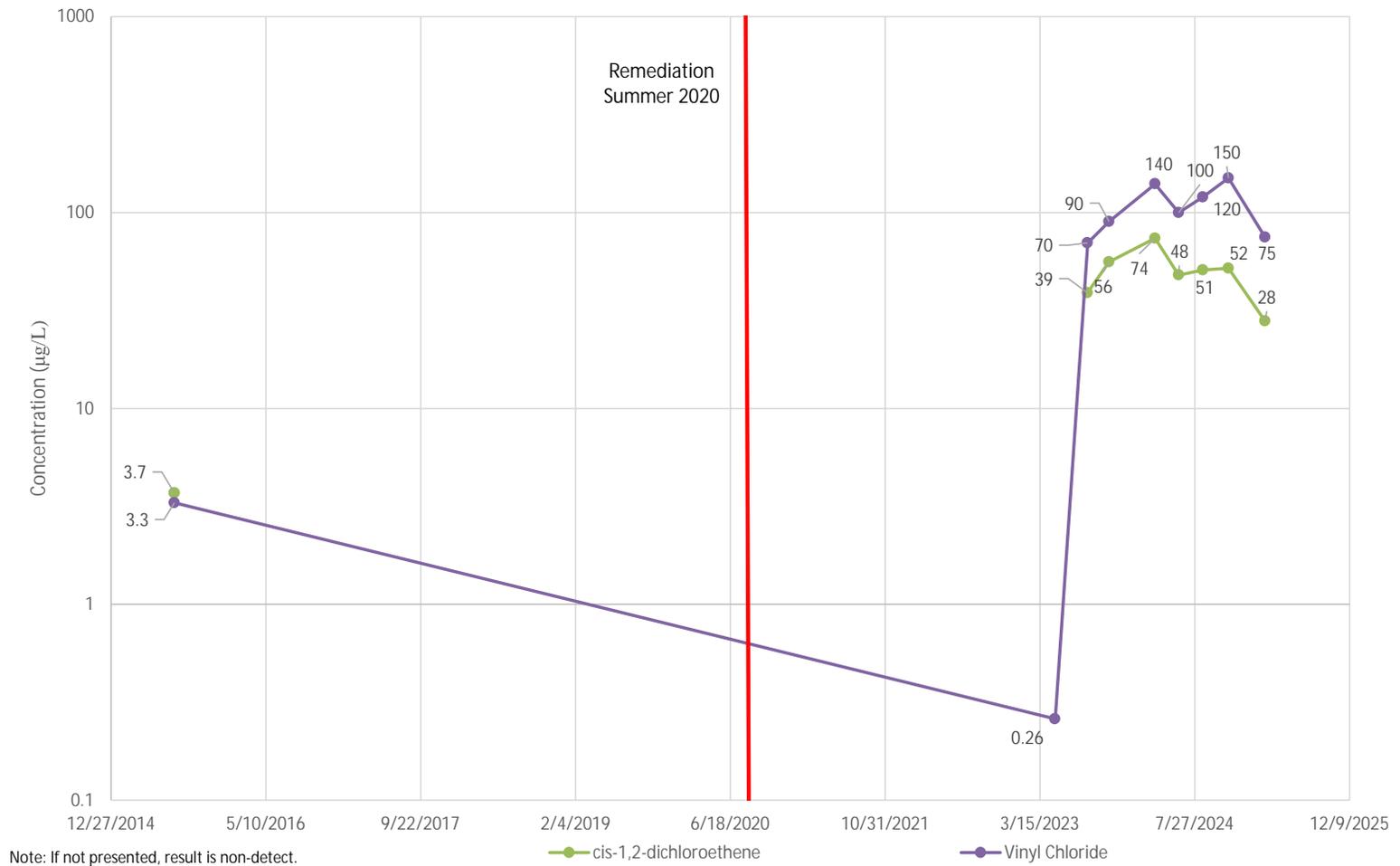


Figure 7: CVOC Concentrations at MW-5A/MW-5R

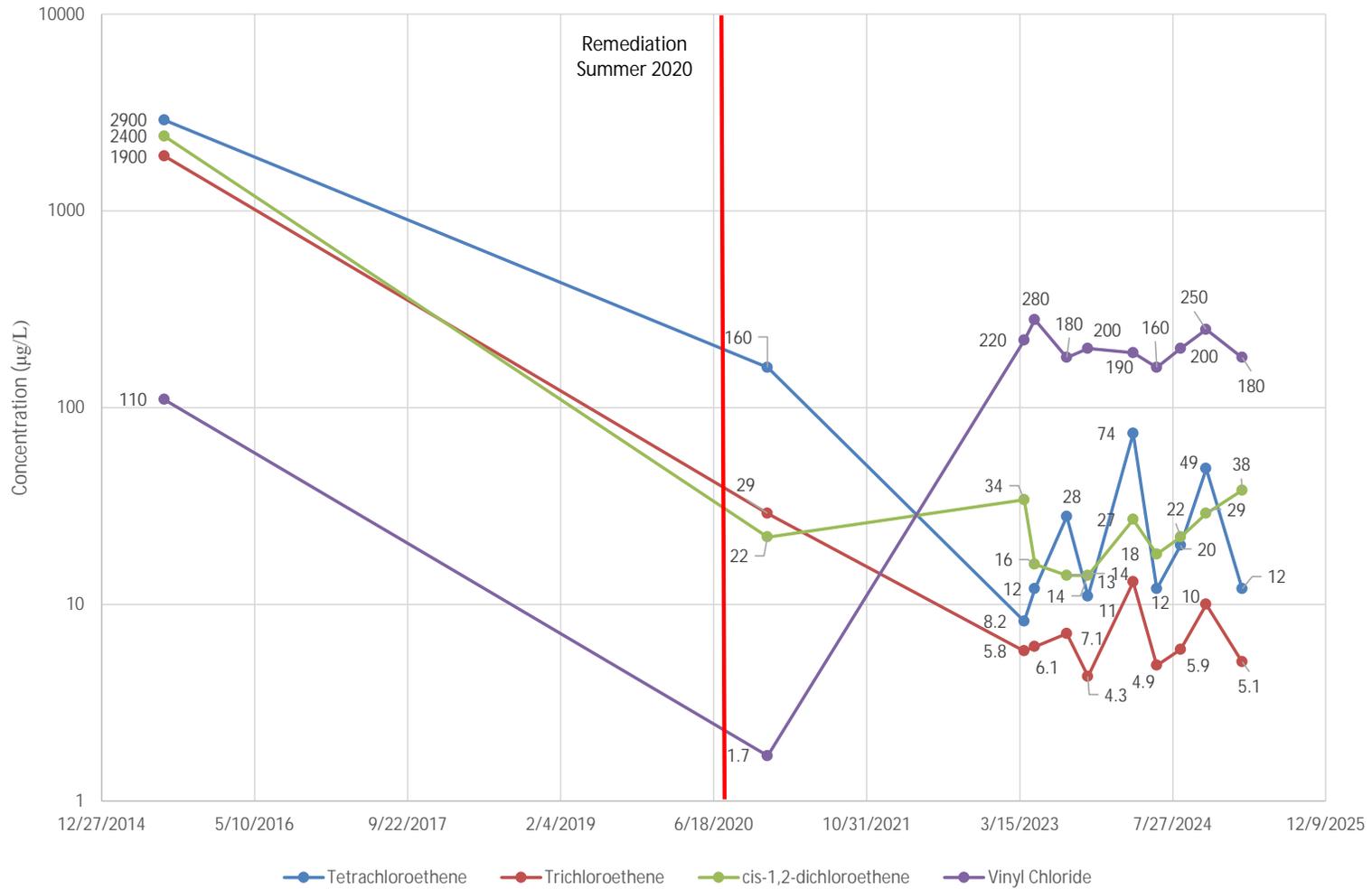


Figure 8: CVOC Concentrations at MW-6A/MW-6R

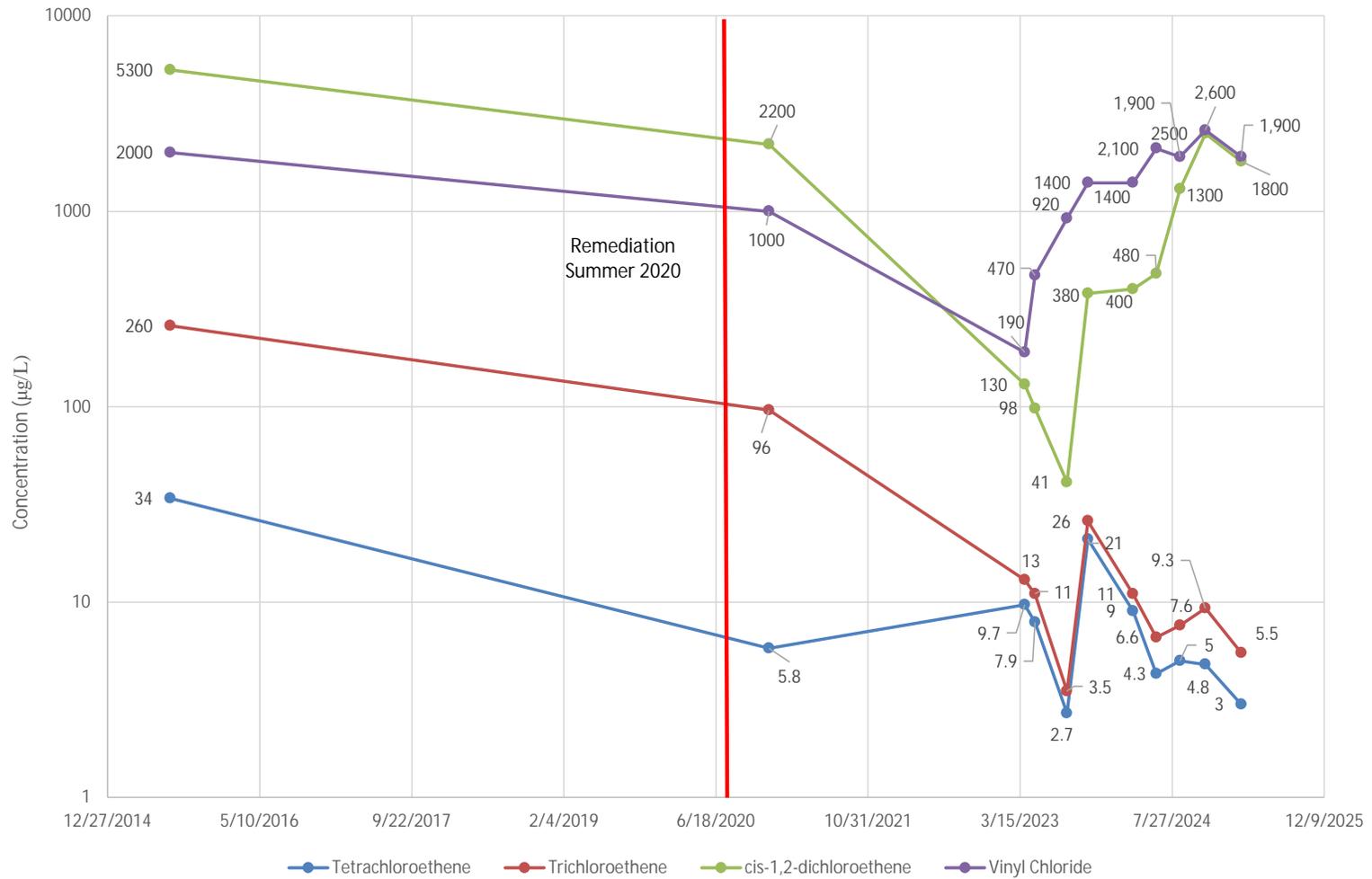


Figure 9: CVOC Concentrations at MW-7A/MW-7R

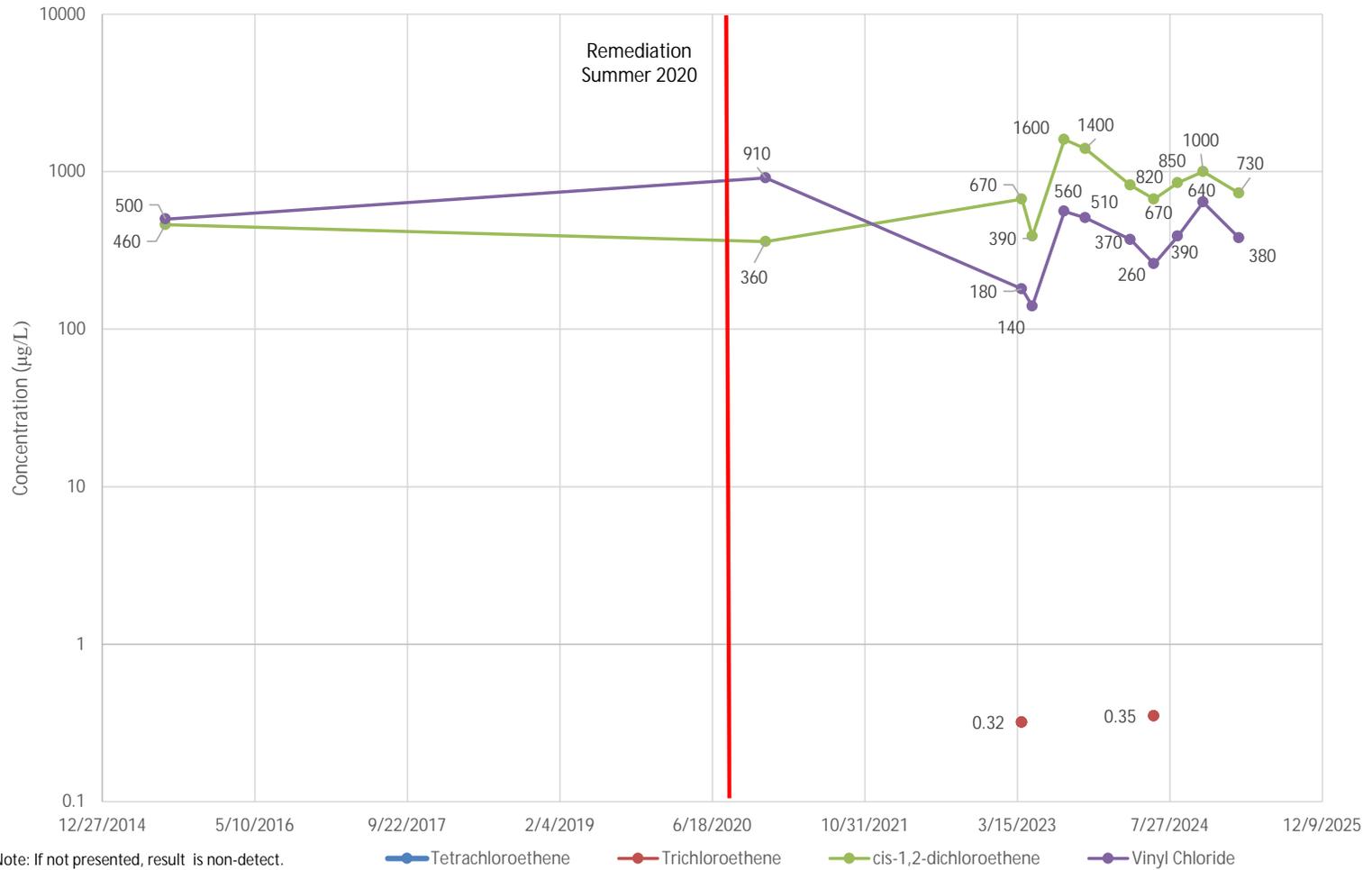


Figure 10: Trend of Sulfate

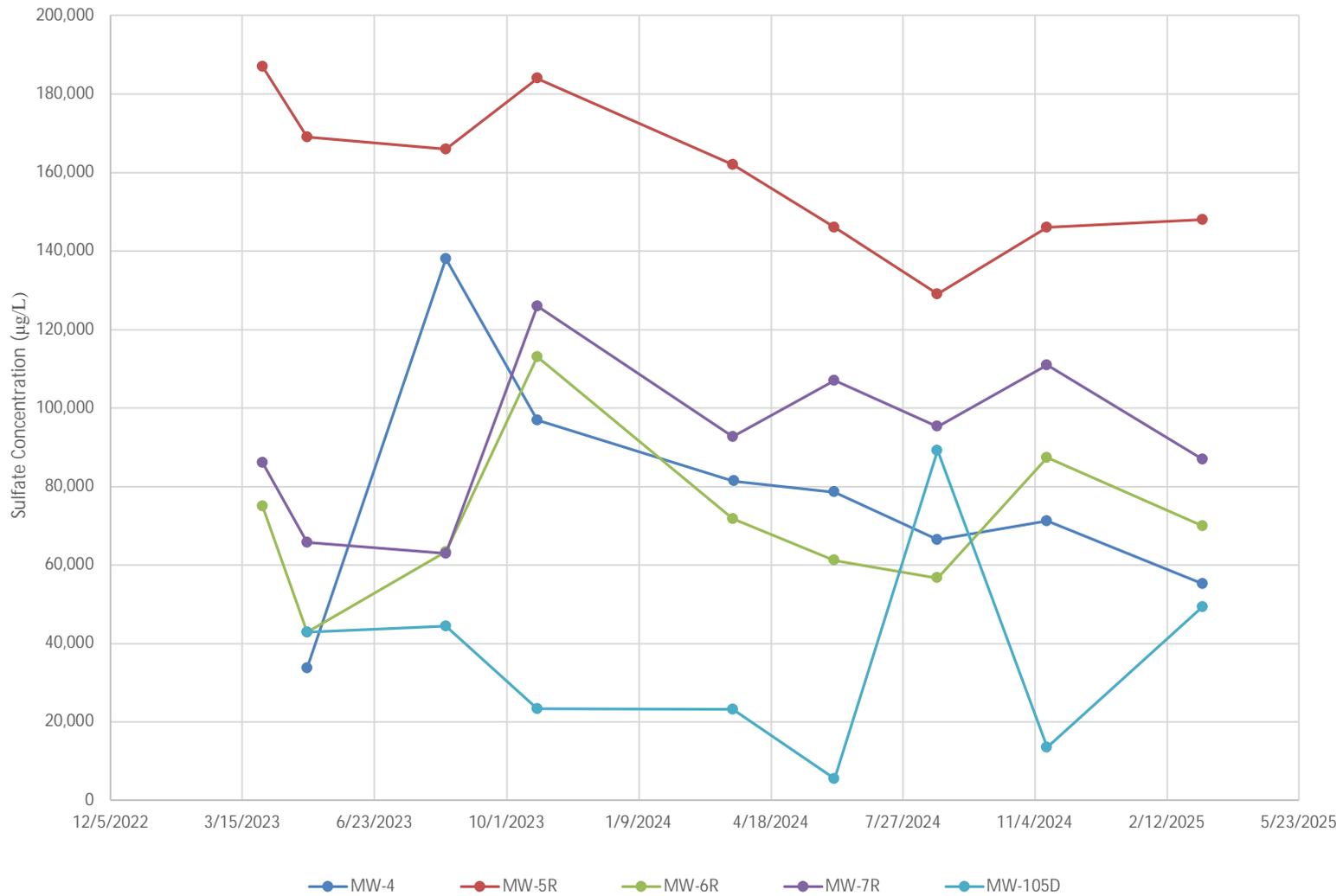
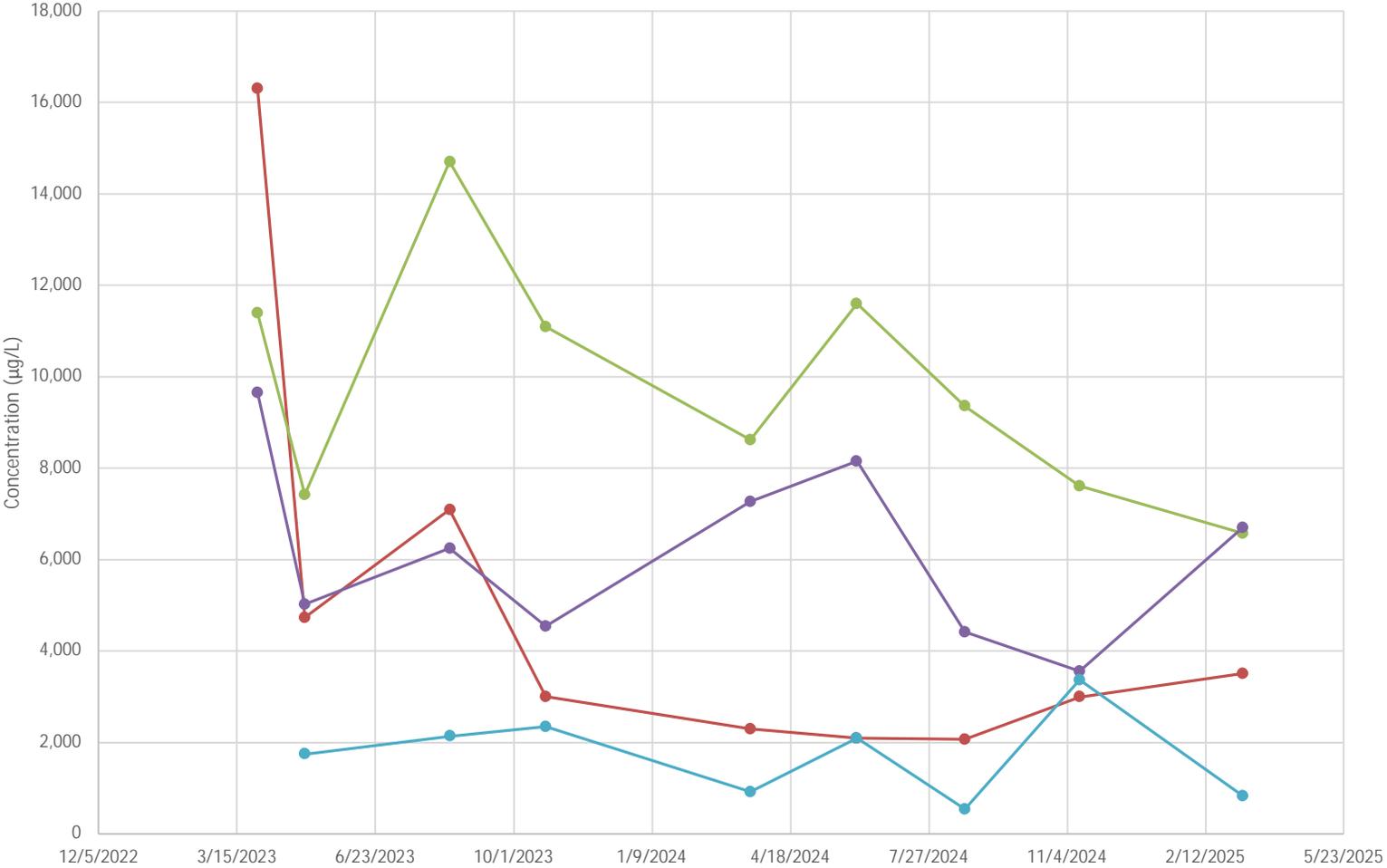


Figure 11: Trend of Iron



Note: MW-4 not presented due to likely interferences from highly turbid samples.

MW-5R MW-6R MW-7R MW-105D

Figure 12: Trend of Methane

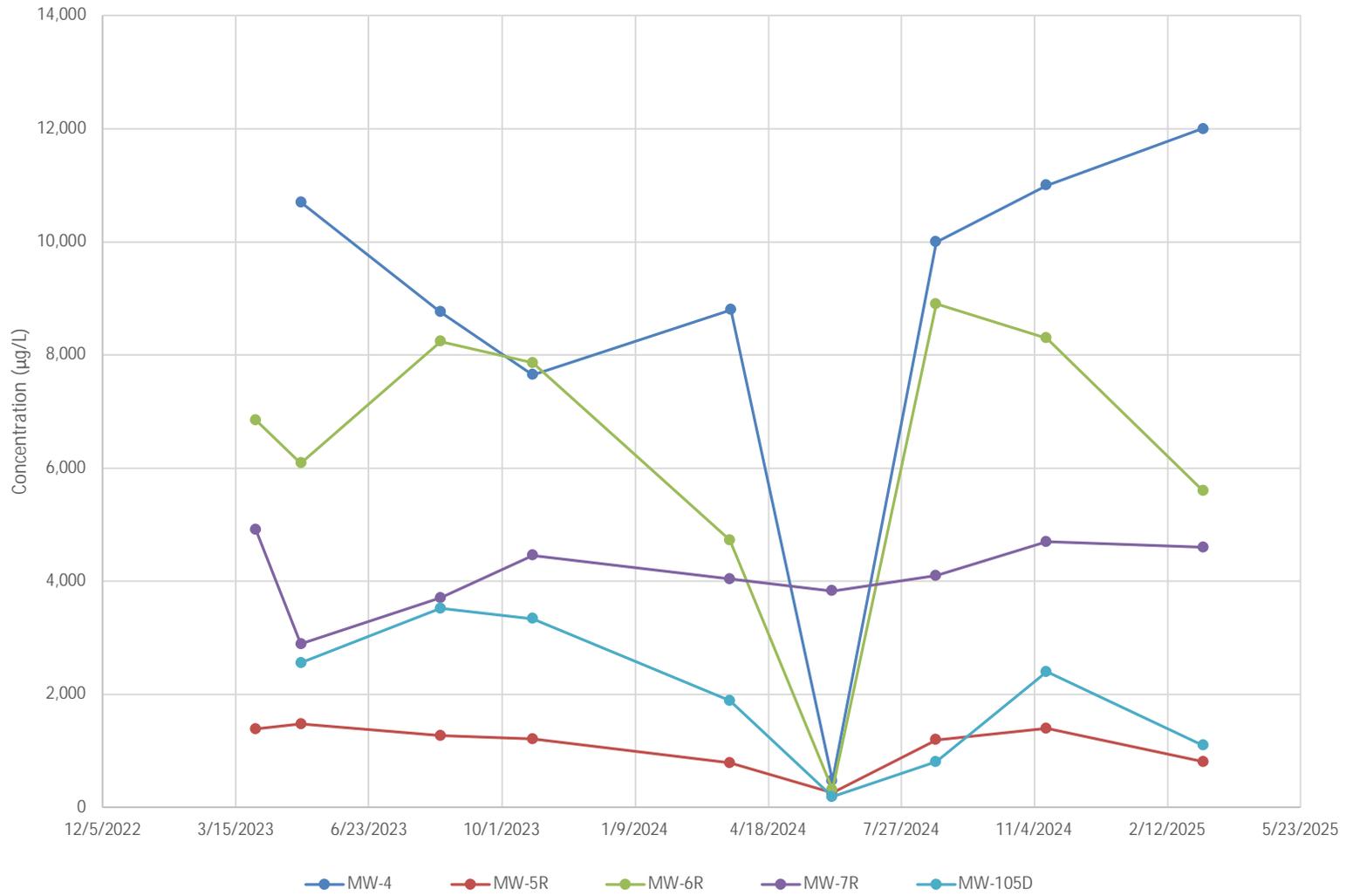


Figure 13: Trend of Chloride

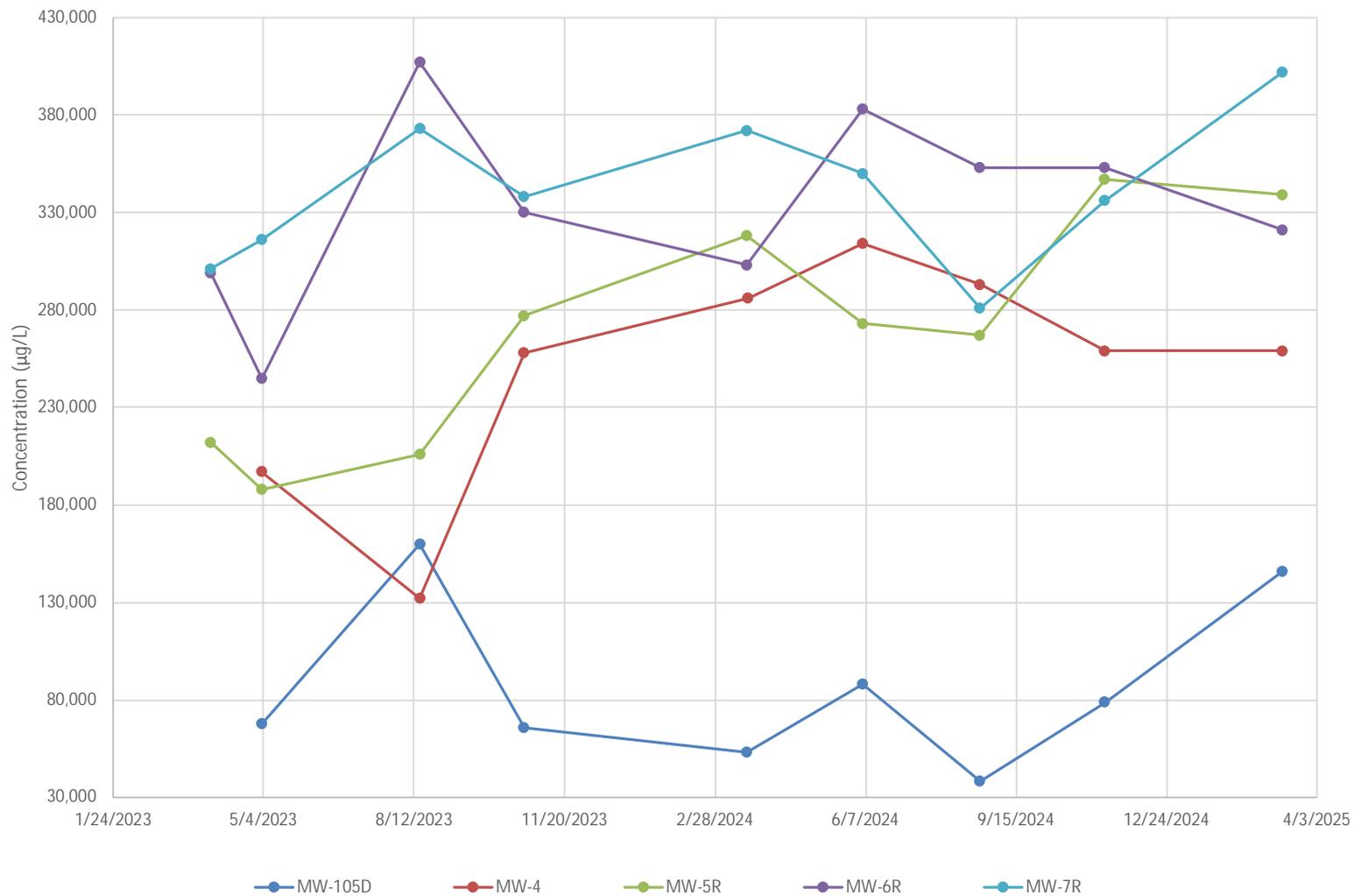
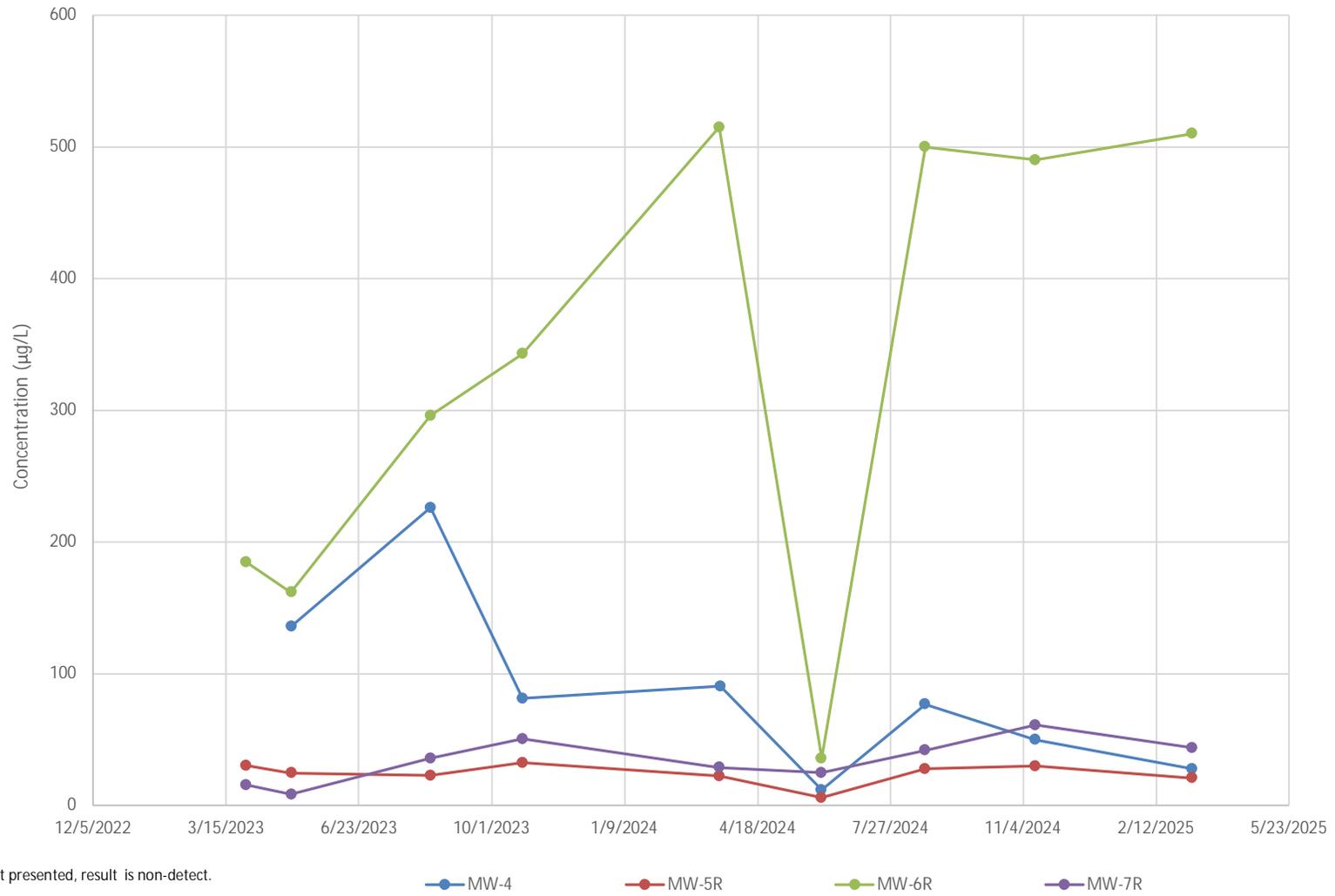


Figure 14: Trend of Ethene



Note: If not presented, result is non-detect.

# APPENDIX A

Institutional Control and Engineering Control Certification Forms





**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	
<b>Site No.</b>	<b>C734144</b>		
<b>Site Name Former Coyne Textile</b>			
Site Address: 140 Cortland Avenue		Zip Code: 13202	
City/Town: Syracuse			
County: Onondaga			
Site Acreage: <del>3.255</del> <span style="border: 1px solid red; padding: 2px;">3.262</span>			
Reporting Period: April 28, 2024 to April 28, 2025			
		YES	NO
1. Is the information above correct?		<input type="checkbox"/>	<input checked="" type="checkbox"/>
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?		<input type="checkbox"/>	<input checked="" type="checkbox"/>
3. Has there been any change of use at the site during this Reporting Period (see 6NYCRR 375-1.11(d))?		<input type="checkbox"/>	<input checked="" type="checkbox"/>
4. Have any federal, state, and/or local permits (e.g., building, discharge) been issued for or at the property during this Reporting Period?		<input type="checkbox"/>	<input checked="" type="checkbox"/>
<b>If you answered YES to questions 2 thru 4, include documentation or evidence that documentation has been previously submitted with this certification form.</b>			
5. Is the site currently undergoing development?		<input type="checkbox"/>	<input checked="" type="checkbox"/>
		<b>Box 2</b>	
		YES	NO
6. Is the current site use consistent with the use(s) listed below? Commercial and Industrial		<input type="checkbox"/>	<input checked="" type="checkbox"/>
7. Are all ICs in place and functioning as designed?		<input type="checkbox"/>	<input checked="" type="checkbox"/>
<b>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.</b>			
<b>A Corrective Measures Work Plan must be submitted along with this form to address these issues.</b>			
_____ Signature of Owner, Remedial Party or Designated Representative		_____ Date	

**Box 2A**

8. Has any new information revealed that assumptions made in the Qualitative Exposure Assessment regarding offsite contamination are no longer valid?

YES NO

**If you answered YES to question 8, include documentation or evidence that documentation has been previously submitted with this certification form.**

9. Are the assumptions in the Qualitative Exposure Assessment still valid?  
(The Qualitative Exposure Assessment must be certified every five years)

**If you answered NO to question 9, the Periodic Review Report must include an updated Qualitative Exposure Assessment based on the new assumptions.**

**SITE NO. C734144**

**Box 3**

**Description of Institutional Controls**

Parcel

Owner

Institutional Control

**094.-05-06.0**

Ranalli/Taylor St., LLC

Ground Water Use Restriction

Landuse Restriction  
Monitoring Plan  
Site Management Plan  
O&M Plan  
IC/EC Plan

- Property to be used for commercial and industrial uses.
- Continued inspection and maintenance of engineering controls.
- Prohibition on use of groundwater without treatment (adequacy of treatment determined by County Health Department or NYSDOH).
- Site management data and information reporting.
- Operation, maintenance, monitoring, inspection, and reporting related to physical components of remedy.
- Maintain access to the site.
- Prohibition on vegetable gardens and farming.

**094.-20-01.0**

Ranalli/Taylor St., LLC

Ground Water Use Restriction

Landuse Restriction  
Monitoring Plan  
Site Management Plan  
O&M Plan  
IC/EC Plan

- Property to be used for commercial and industrial uses.
- Continued inspection and maintenance of engineering controls.
- Prohibition on use of groundwater without treatment (adequacy of treatment determined by County Health Department or NYSDOH).
- Site management data and information reporting.
- Operation, maintenance, monitoring, inspection, and reporting related to physical components of remedy.
- Maintain access to the site.
- Prohibition on vegetable gardens and farming.

**094.-20-02.0**

Ranalli/Taylor St., LLC

Ground Water Use Restriction

Landuse Restriction  
Monitoring Plan  
Site Management Plan  
O&M Plan  
IC/EC Plan

- Property to be used for commercial and industrial uses.
- Continued inspection and maintenance of engineering controls.
- Prohibition on use of groundwater without treatment (adequacy of treatment determined by County Health Department or NYSDOH).
- Site management data and information reporting.
- Operation, maintenance, monitoring, inspection, and reporting related to physical components of remedy.
- Maintain access to the site.
- Prohibition on vegetable gardens and farming.

**28,500sqft of South Clinton** JMA Tech Properties, LLC

Ground Water Use Restriction

Landuse Restriction  
Monitoring Plan  
Site Management Plan  
O&M Plan  
IC/EC Plan

- Property to be used for commercial and industrial uses.
- Continued inspection and maintenance of engineering controls.
- Prohibition on use of groundwater without treatment (adequacy of treatment determined by County Health Department or NYSDOH).
- Site management data and information reporting.
- Operation, maintenance, monitoring, inspection, and reporting related to physical components of remedy.
- Maintain access to the site.
- Prohibition on vegetable gardens and farming.

**Box 4**

**Description of Engineering Controls**

<u>Parcel</u>	<u>Engineering Control</u>
<b>094.-05-06.0</b>	Vapor Mitigation Cover System Monitoring Wells
- Cover System - Vapor Mitigation Systems	
<b>094.-20-01.0</b>	Vapor Mitigation Cover System Monitoring Wells
- Cover System - Vapor Mitigation Systems	
<b>094.-20-02.0</b>	Vapor Mitigation Cover System Monitoring Wells
- Cover System - Vapor Mitigation Systems	
<b>28,500sqft of South Clinton St</b>	Vapor Mitigation Cover System Monitoring Wells
- Cover System - Vapor Mitigation Systems	

### 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 complete.

YES NO

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

**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

**IC CERTIFICATIONS  
SITE NO. C734144**

**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 Dino Peios at 140 Cortland Ave Syracuse, NY 13202  
print name print business address

am certifying as VP of Finance (Owner or Remedial Party)

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

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

5/19/2025

Date

**EC CERTIFICATIONS**

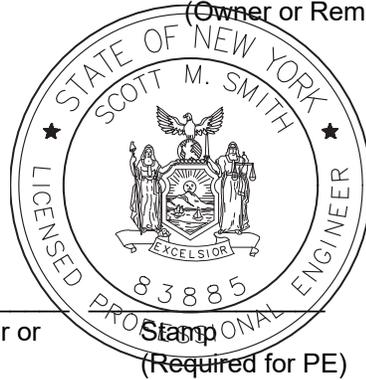
**Box 7**

**Professional Engineer 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 Scott Smith at One Park Place, 300 South State St., Syracuse, NY 13202  
print name print business address

I am certifying as a Professional Engineer for the Ranalli/Taylor St., LLC  
(Owner or Remedial Party)



A handwritten signature in black ink, appearing to read "Scott Smith".

Signature of Professional Engineer, for the Owner or Remedial Party, Rendering Certification

05/23/2025  
Date

Stamp  
(Required for PE)

# APPENDIX B

Sub-Slab Depressurization System Inspection Form





# SUB-SLAB DEPRESSURIZATION SYSTEM CHECKLIST

Report No. <u>003</u>
Date: <u>3.24.2025</u>   Time: <u>1300</u>

Project Name: Former Coyne Textile | Project Location: 140 Cortland Avenue, Syracuse, New York

Inspector(s): K. Ehmam | Project No. 059294.003  
 Weather: Cooler, partly cloudy  
 Type of Inspection:  Routine  Post Severe Condition | Temp.: Hi 58 Low 40

### FAN/BLOWER SYSTEM INSPECTION

ITEM/CONDITION (Check all that are true)	FAN ID					COMMENTS
	F-1	F-2	F-3	F-4	F-5	
The blower unit is operational,	<input checked="" type="checkbox"/>					
There is no excessive noise emanating from the blower.	<input checked="" type="checkbox"/>					
There is no excessive vibration emanating from the blower.	<input checked="" type="checkbox"/>					
The blower unit is not excessively hot to the touch.	<input checked="" type="checkbox"/>					
The blower unit housing is clean and in good condition.	<input checked="" type="checkbox"/>					
The fan is mounted securely.	<input checked="" type="checkbox"/>					
Roof stands positioned correctly and in good condition.	<input checked="" type="checkbox"/>					
Coupling connections are secure.	<input checked="" type="checkbox"/>					
Seals around exhaust stack/conduit properly sealed.	<input checked="" type="checkbox"/>					
Condensate lines are functioning properly, if present.	<input type="checkbox"/>	N/A				
Screen cap on exhaust point present and free of obstructions.	<input checked="" type="checkbox"/>					
Fan ID labels are present and legible.	<input checked="" type="checkbox"/>					
No new openings or intakes installed with 10-feet of the exhaust discharge point.	<input checked="" type="checkbox"/>					
Blower runs when switch in "on" position.	<input checked="" type="checkbox"/>					
Blower stops when switch in "off" position.	<input type="checkbox"/>	no switch to test at blower				

### PIPING SYSTEM INSPECTION

ITEM/CONDITION (Check all that are true)	FAN ID					COMMENTS
	F-1	F-2	F-3	F-4	F-5	
All visible above-grade piping in good condition and free of cracks or other damage. No "hissing" indicating leakage.	<input checked="" type="checkbox"/>					
No gurgling or indication system is drawing water or excessive moisture.	<input checked="" type="checkbox"/>					
All visible pipe supports are undamaged and functional (6-feet o.c. horizontal, 8-feet o.c. vertically).	<input checked="" type="checkbox"/>					
Suction points are completely sealed at the slab penetration.	<input type="checkbox"/>	no suction points → horizontal sub slab perforated piping installed				



## SUB-SLAB DEPRESSURIZATION SYSTEM CHECKLIST

Report No. <u>003</u>
Date: <u>3.24.25</u>   Time: <u>1300</u>

All labels present and legible.

### ELECTRICAL/ALARM INSPECTION

ITEM/CONDITION (Check all that are true)	FAN ID					COMMENTS
	F-1	F-2	F-3	F-4	F-5	
No observable electrical component damage.	<input checked="" type="checkbox"/>					
All electrical disconnects/switches tested and functional.	<input checked="" type="checkbox"/>					
All electrical connections appear secure.	<input checked="" type="checkbox"/>					
Junction boxes are closed.	<input checked="" type="checkbox"/>					
Conduits properly supported and have no visible evidence of damage.	<input checked="" type="checkbox"/>					
Electric sub-meters, if present, are in good condition.	<input type="checkbox"/>	N/A				
SSDS breakers are identified in electrical panel.	<input type="checkbox"/>	Did not enter electrical panel				
Audible alarm sounds when blower power is disconnected, and pressure falls below alarm set point.	<input checked="" type="checkbox"/>					
Audible alarm and associated tubing in good condition.	<input checked="" type="checkbox"/>					
Pressure gauge and associated tubing in good condition.	<input checked="" type="checkbox"/>					
All stacks, alarms and pressure gauges are properly labelled, and labels are legible.	<input checked="" type="checkbox"/>					

### PRESSURE MONITORING PORT INSPECTION (14 TOTAL)

ITEM/CONDITION	TRUE	FALSE	N/A	COMMENTS
PVC receptacles with covers present and undamaged.	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	PMP-9 & PMP-10 missing covers, PMP-12 unable to access
PVC risers undamaged.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	PMP-6 obstructed w/ equipment
Tubing inside receptacle undamaged.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Screw on caps installed/re-installed following testing.	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Screw cap on PMP-4 missing
PVC conduit sealed properly at slab.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Receptacles properly labelled and labels are legible.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

### CONCRETE SLAB & BUILDING USE INSPECTION

ITEM/CONDITION	TRUE	FALSE	N/A	COMMENTS
All visible pipe penetrations appear properly sealed (e.g. no air leak noise).	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
There are no significant building use changes (e.g. manufacturing space converted to office space).	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	



## SUB-SLAB DEPRESSURIZATION SYSTEM CHECKLIST

Report No. <i>003</i>
Date: <i>3.24.25</i>   Time: <i>1300</i>

There are no changes to the floor covering materials.

<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
-------------------------------------	--------------------------	--------------------------

### CONCRETE SLAB & BUILDING USE INSPECTION (CONTINUED)

ITEM/CONDITION	TRUE	FALSE	N/A	COMMENTS
There are no new significant, observable floor cracks or penetrations that may breach the floor tightness and effectiveness of the system.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
There are no additions or significant modifications to the building that necessitate additional investigation and/or mitigation.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

### SYSTEM PRESSURE INSPECTION

#### FAN PRESSURES

FAN ID	BASELINE PRESSURE (INCHES H <sub>2</sub> O)	CURRENT PRESSURE (INCHES H <sub>2</sub> O)
F-1		<i>1.65</i>
F-2		<i>1.5</i>
F-3		<i>1.5</i>
F-4		<i>1.4</i>
F-5		<i>1.35</i>

#### PRESSURE MONITORING PORT PRESSURES

PRESSURE MONITORING PORT ID	BASELINE PRESSURE (INCHES H <sub>2</sub> O)	CURRENT PRESSURE (INCHES H <sub>2</sub> O)
PMP-01	<i>- 0.021</i>	<i>- 0.060</i>
PMP-02	<i>- 0.103</i>	<i>- 0.022</i>
PMP-03	<i>- 0.006</i>	<i>- 0.014</i>
PMP-04	<i>- 0.153</i>	<i>- 0.221</i>
PMP-05	<i>- 0.058</i>	<i>- 0.102</i>
PMP-06	<i>- 0.006</i>	<i>obstructed</i>
PMP-07	<i>- 0.019</i>	<i>- 0.048</i>
PMP-08	<i>- 0.605</i>	<i>- 0.213</i>
PMP-09	<i>- 0.253</i>	<i>- 0.259</i>
PMP-10	<i>- 0.343</i>	<i>- 0.326</i>
PMP-11	<i>- 0.214</i>	<i>- 0.249</i>
PMP-12	<i>- 0.153</i>	<i>1 Screw stripped / 2 Screws inaccessible</i>
PMP-13	<i>- 0.046</i>	<i>- 0.044</i>
PMP-14	<i>- 0.007</i>	<i>- 0.007</i>



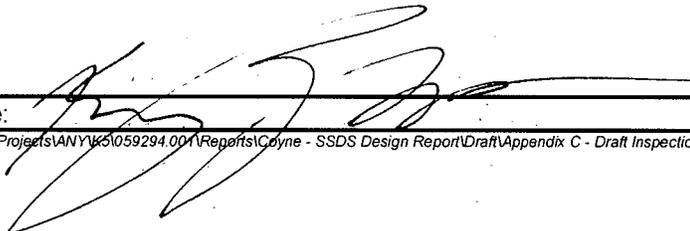
# SUB-SLAB DEPRESSURIZATION SYSTEM CHECKLIST

Report No. 003  
Date: 3.24.25 | Time: 1300

## ADDITIONAL NOTES/CORRECTIVE ACTIONS

PMP-12 inaccessible due to stripped screws and attached shelving support blocking access. Unable to monitor.

PMP-6 obstructed by HVAC equipment

Signature: 

Total Inspection Time: 2 hr

\\cha-llp.com\proj\Projects\ANY\1059294.001\Reports\Coyne - SSDS Design Report\Draft\Appendix C - Draft Inspection Log\SSD System Inspection Checklist\_Rev 1.doc

# APPENDIX C

Site-Wide Inspection Forms





# INSPECTION CHECKLIST

Report No. 006	
Date: 6/05/2024	Time: 09:00

Site Name: Former Coyne Textile	NYSDEC Site No. C734144
Address: 140 Cortland Avenue	Project No. 059294
Inspector(s): K. Ehmann, A. Hodgins	Weather: Cold, Wintery
	Temp.: Hi 86°F Low 70°F
Type of Inspection: <input checked="" type="checkbox"/> Routine <input type="checkbox"/> Post Severe Condition	

## SOIL COVER SYSTEM INSPECTION

ITEM/CONDITION	TRUE	FALSE	N/A	COMMENTS
There is no evidence of erosion of cover soils/materials from Site surface.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
There is no evidence of depressions in cover materials.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
There is no evidence of significant cracks in cover materials.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
There is no evidence of exposed or damaged demarcation barrier.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
There is no evidence of vapors or odors emanating from the Site.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

## VEGETATIVE INSPECTION

ITEM/CONDITION	TRUE	FALSE	N/A	COMMENTS
Vegetation is well established over greenspace areas.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
There is no evidence of stressed vegetation.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
There is no evidence of bare or thin vegetative cover.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
There is no evidence of overgrowth or areas that need to be mowed.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
There is no evidence of recent areas of excavation or disturbed areas.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

## VECTOR INSPECTION

ITEM/CONDITION	TRUE	FALSE	N/A	COMMENTS
No vectors or vector activity (e.g. tracks, droppings, dens, etc.) were observed.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
There was no evidence of damage to the soil cover system due to vector activity.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

## DRAINAGE SYSTEM INSPECTION

ITEM/CONDITION	TRUE	FALSE	N/A	COMMENTS
There is no evidence of erosion around drainage structures.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
There is no evidence of settlement of drainage structures.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Manhole covers present & in good condition.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
There is no evidence of siltation, debris, or other restrictions in the manholes.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	



# INSPECTION CHECKLIST

Report No. 006	
Date: 6/05/2024	Time: 09:00

## MONITORING WELL INSPECTION

ITEM/CONDITION	TRUE	FALSE	N/A	COMMENTS
The monitoring wells are in generally good condition.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Well caps are installed on the wells.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Locks present and secured.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

## SITE ACCESSIBILITY INSPECTION

ITEM/CONDITION	TRUE	FALSE	N/A	COMMENTS
Site accessible and passable.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

## INSTITUTIONAL CONTROL INSPECTION

ITEM/CONDITION	TRUE	FALSE	N/A	COMMENTS
There is no evidence of groundwater extraction and/or use on Site.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

## ADDITIONAL NOTES & OBSERVATIONS

No additional notes or observations.

Signature: 

Total Inspection Time: 30 minutes



# INSPECTION CHECKLIST

Report No. 007	
Date: 8/22/2024	Time: 09:00

Site Name: Former Coyne Textile	NYSDEC Site No. C734144
Address: 140 Cortland Avenue	Project No. 059294
Inspector(s): K. Ehmann, A. Hodgens	Weather: Warm, Sunny
	Temp.: Hi 76°F Low 58°F
Type of Inspection: <input checked="" type="checkbox"/> Routine <input type="checkbox"/> Post Severe Condition	

## SOIL COVER SYSTEM INSPECTION

ITEM/CONDITION	TRUE	FALSE	N/A	COMMENTS
There is no evidence of erosion of cover soils/materials from Site surface.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
There is no evidence of depressions in cover materials.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
There is no evidence of significant cracks in cover materials.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
There is no evidence of exposed or damaged demarcation barrier.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
There is no evidence of vapors or odors emanating from the Site.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

## VEGETATIVE INSPECTION

ITEM/CONDITION	TRUE	FALSE	N/A	COMMENTS
Vegetation is well established over greenspace areas.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
There is no evidence of stressed vegetation.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
There is no evidence of bare or thin vegetative cover.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
There is no evidence of overgrowth or areas that need to be mowed.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
There is no evidence of recent areas of excavation or disturbed areas.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

## VECTOR INSPECTION

ITEM/CONDITION	TRUE	FALSE	N/A	COMMENTS
No vectors or vector activity (e.g. tracks, droppings, dens, etc.) were observed.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
There was no evidence of damage to the soil cover system due to vector activity.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

## DRAINAGE SYSTEM INSPECTION

ITEM/CONDITION	TRUE	FALSE	N/A	COMMENTS
There is no evidence of erosion around drainage structures.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
There is no evidence of settlement of drainage structures.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Manhole covers present & in good condition.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
There is no evidence of siltation, debris, or other restrictions in the manholes.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	



# INSPECTION CHECKLIST

Report No. 007	
Date: 8/22/2024	Time: 09:00

## MONITORING WELL INSPECTION

ITEM/CONDITION	TRUE	FALSE	N/A	COMMENTS
The monitoring wells are in generally good condition.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Well caps are installed on the wells.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Locks present and secured.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

## SITE ACCESSIBILITY INSPECTION

ITEM/CONDITION	TRUE	FALSE	N/A	COMMENTS
Site accessible and passable.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

## INSTITUTIONAL CONTROL INSPECTION

ITEM/CONDITION	TRUE	FALSE	N/A	COMMENTS
There is no evidence of groundwater extraction and/or use on Site.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

## ADDITIONAL NOTES & OBSERVATIONS

No additional notes or observations.

Signature: 

Total Inspection Time: 30 minutes



# INSPECTION CHECKLIST

Report No. 008	
Date: 11/13/2024	Time: 09:00

Site Name: Former Coyne Textile	NYSDEC Site No. C734144
Address: 140 Cortland Avenue	Project No. 059294.003
Inspector(s): K. Ehmann, A. Hodgens	Weather: Mildly cold, partly sunny
	Temp.: Hi 47°F Low 25°F
Type of Inspection: <input checked="" type="checkbox"/> Routine <input type="checkbox"/> Post Severe Condition	

## SOIL COVER SYSTEM INSPECTION

ITEM/CONDITION	TRUE	FALSE	N/A	COMMENTS
There is no evidence of erosion of cover soils/materials from Site surface.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
There is no evidence of depressions in cover materials.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
There is no evidence of significant cracks in cover materials.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
There is no evidence of exposed or damaged demarcation barrier.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
There is no evidence of vapors or odors emanating from the Site.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

## VEGETATIVE INSPECTION

ITEM/CONDITION	TRUE	FALSE	N/A	COMMENTS
Vegetation is well established over greenspace areas.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
There is no evidence of stressed vegetation.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
There is no evidence of bare or thin vegetative cover.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
There is no evidence of overgrowth or areas that need to be mowed.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
There is no evidence of recent areas of excavation or disturbed areas.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

## VECTOR INSPECTION

ITEM/CONDITION	TRUE	FALSE	N/A	COMMENTS
No vectors or vector activity (e.g. tracks, droppings, dens, etc.) were observed.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
There was no evidence of damage to the soil cover system due to vector activity.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

## DRAINAGE SYSTEM INSPECTION

ITEM/CONDITION	TRUE	FALSE	N/A	COMMENTS
There is no evidence of erosion around drainage structures.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
There is no evidence of settlement of drainage structures.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Manhole covers present & in good condition.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
There is no evidence of siltation, debris, or other restrictions in the manholes.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	



# INSPECTION CHECKLIST

Report No. 008	
Date: 11/13/2024	Time: 09:00

## MONITORING WELL INSPECTION

ITEM/CONDITION	TRUE	FALSE	N/A	COMMENTS
The monitoring wells are in generally good condition.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Well caps are installed on the wells.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Locks present and secured.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

## SITE ACCESSIBILITY INSPECTION

ITEM/CONDITION	TRUE	FALSE	N/A	COMMENTS
Site accessible and passable.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

## INSTITUTIONAL CONTROL INSPECTION

ITEM/CONDITION	TRUE	FALSE	N/A	COMMENTS
There is no evidence of groundwater extraction and/or use on Site.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

## ADDITIONAL NOTES & OBSERVATIONS

No additional notes or observations.

Signature: *Andrew Hodgen*

Total Inspection Time: 30 minutes



# INSPECTION CHECKLIST

Report No. 009	
Date: 3/11/2025	Time: 09:00

Site Name: Former Coyne Textile	NYSDEC Site No. C734144
Address: 140 Cortland Avenue	Project No. 059294.003
Inspector(s): K. Ehmann, A. Hodgens	Weather: Warm for March, sunny
	Temp.: Hi 70°F Low 40°F
Type of Inspection: <input checked="" type="checkbox"/> Routine <input type="checkbox"/> Post Severe Condition	

## SOIL COVER SYSTEM INSPECTION

ITEM/CONDITION	TRUE	FALSE	N/A	COMMENTS
There is no evidence of erosion of cover soils/materials from Site surface.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
There is no evidence of depressions in cover materials.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
There is no evidence of significant cracks in cover materials.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
There is no evidence of exposed or damaged demarcation barrier.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
There is no evidence of vapors or odors emanating from the Site.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

## VEGETATIVE INSPECTION

ITEM/CONDITION	TRUE	FALSE	N/A	COMMENTS
Vegetation is well established over greenspace areas.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
There is no evidence of stressed vegetation.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
There is no evidence of bare or thin vegetative cover.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
There is no evidence of overgrowth or areas that need to be mowed.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
There is no evidence of recent areas of excavation or disturbed areas.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

## VECTOR INSPECTION

ITEM/CONDITION	TRUE	FALSE	N/A	COMMENTS
No vectors or vector activity (e.g. tracks, droppings, dens, etc.) were observed.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
There was no evidence of damage to the soil cover system due to vector activity.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

## DRAINAGE SYSTEM INSPECTION

ITEM/CONDITION	TRUE	FALSE	N/A	COMMENTS
There is no evidence of erosion around drainage structures.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
There is no evidence of settlement of drainage structures.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Manhole covers present & in good condition.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
There is no evidence of siltation, debris, or other restrictions in the manholes.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	



# INSPECTION CHECKLIST

Report No. 009  
Date: 3/11/2025      Time: 09:00

## MONITORING WELL INSPECTION

ITEM/CONDITION	TRUE	FALSE	N/A	COMMENTS
The monitoring wells are in generally good condition.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Well caps are installed on the wells.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Locks present and secured.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

## SITE ACCESSIBILITY INSPECTION

ITEM/CONDITION	TRUE	FALSE	N/A	COMMENTS
Site accessible and passable.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

## INSTITUTIONAL CONTROL INSPECTION

ITEM/CONDITION	TRUE	FALSE	N/A	COMMENTS
There is no evidence of groundwater extraction and/or use on Site.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

## ADDITIONAL NOTES & OBSERVATIONS

No additional notes or observations.

Site cover is in good condition. No new development or intrusive activity occurring at the Site.

Signature: 

Total Inspection Time: 30 minutes

# APPENDIX D

Field Water Quality Parameters

Appendix D  
Field Water Quality Parameters During Groundwater Purging  
Periodic Review Report

Monitoring Well	Sampling Event	Time	ORP/eh (mV)	pH	Conductivity (ms/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (C)	Depth to Water
MW-4	Q2 2024	12:40	-136	7.57	1.66	88.7	1.3	14.71	-
		12:43	-142	7.52	1.7	36.6	0.71	14.46	-
		12:46	-151	7.52	1.72	19.1	0.57	14.38	-
		12:49	-161	7.56	1.72	11.6	0.51	14.35	-
		12:52	-172	7.57	1.73	7.87	0.48	14.32	-
		12:56	-184	7.59	1.74	7.41	0.44	14.28	-
	Q3 2024	12:40	-136	7.57	1.66	88.7	1.3	14.71	-
		12:43	-142	7.52	1.7	36.6	0.71	14.46	-
		12:46	-151	7.52	1.72	19.1	0.57	14.38	-
		12:49	-161	7.56	1.72	11.6	0.51	14.35	-
		12:52	-172	7.57	1.73	7.87	0.48	14.32	-
		12:56	-184	7.59	1.74	7.41	0.44	14.28	-
	Q4 2024	14:00	-128	7.07	1.55	6.2	2.23	16.27	-
		14:05	-130	7.06	1.56	5	2.95	16.08	-
		14:10	-129	7.08	1.56	4.3	3.37	16.04	-
Q1 2025	13:55	-135	7.07	1.56	7.31	1.88	17.86	-	
	14:03	-125	6.97	1.56	7.86	2.27	15.7	-	
	14:09	-119	6.9	1.56	3.69	10.45	15.16	-	
MW-5R	Q2 2024	08:54	-116	7.57	1.62	412	0.94	13.22	9.21
		08:57	-115	7.51	1.61	226	0.86	13.16	9.23
		09:00	-114	7.46	1.61	117	0.7	13.11	9.25
		09:03	-112	7.41	1.61	49.5	0.62	13.1	9.25
		09:06	-112	7.39	1.6	44.2	0.59	13.58	9.25
		09:09	-112	7.38	1.6	41.7	0.57	13.67	9.08
	Q3 2024	08:21	-96	6.97	1.31	621	6.8	15.82	8.62
		08:24	-132	7.05	1.28	459	5.95	15.73	8.66
		08:27	-138	7.07	1.28	166	0.61	15.6	8.65
		08:30	-144	7.09	1.28	103	0.5	15.57	8.69
		08:33	-150	7.1	1.28	103	0.45	15.55	8.68
		08:36	-153	7.1	1.28	92.7	0.42	15.52	8.68
		08:39	-156	7.11	1.27	75.2	0.4	15.52	8.68
		08:42	-159	7.12	1.28	57.1	0.36	15.54	8.68
	Q4 2024	08:45	-161	7.12	1.27	44.6	0.35	15.56	8.68
		12:50	-95	7.05	1.72	265	0.42	15.14	9.52
		12:53	-101	7.04	1.72	688	0	15.63	9.49
		13:04	-87	7.05	1.62	822	0.83	14.19	8.34
		13:05	-109	7.05	1.7	174	0	15.85	9.56
		13:08	-110	7.05	1.7	128	0	15.83	9.59
		13:11	-113	7.02	1.7	83.8	0	15.83	9.59
		13:14	-113	7.04	1.7	152	0	15.8	9.62
		13:18	-116	7.03	1.7	103	0	15.8	9.61
		13:21	-118	7.04	1.7	47.8	0	15.8	9.61
	Q1 2025	12:56	-102	7.05	1.7	370	0	15.79	9.48
		12:59	-104	7.05	1.7	275	0	15.84	9.53
		13:02	-105	7.03	1.7	179	0	15.83	9.55
		13:07	-94	7	1.61	303	0.13	14.42	8.21
		13:10	-100	6.97	1.61	222	0	14.47	8.17
		13:13	-102	6.96	1.61	125	0	14.5	8.18
13:16		-104	6.95	1.61	62	0	14.5	8.26	
13:19		-106	6.95	1.61	155	0	14.4	8.28	
13:22	-107	6.94	1.62	43.5	0	14.23	8.28		
13:25	-111	6.93	1.61	68.5	0	14.26	8.31		
13:27	-112	6.93	1.62	35.3	0	14.25	8.3		

Appendix D  
Field Water Quality Parameters During Groundwater Purging  
Periodic Review Report

Monitoring Well	Sampling Event	Time	ORP/eh (mV)	pH	Conductivity (ms/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (C)	Depth to Water	
MW-6R	Q2 2024	09:56	-109	7.39	2.25	499	0.7	13.49	8.49	
		09:59	-114	7.36	2.24	277	0.57	13.45	8.5	
		10:02	-119	7.36	2.2	204	0.47	13.27	8.49	
		10:05	-129	7.37	2.18	203	0.44	13.35	7.47	
		10:08	-125	7.37	2.16	159	0.43	13.36	8.48	
		10:11	-127	7.38	2.15	116	0.41	13.45	8.48	
		10:14	-129	7.38	2.14	118	0.39	13.28	8.51	
		10:17	-130	7.39	2.13	82.7	0.38	13.15	8.5	
		10:20	-131	7.39	2.12	71.5	0.36	13.32	8.5	
		10:23	-132	7.43	2.12	59.5	0.36	13.18	8.5	
	10:26	-133	7.41	2.11	48.1	0.36	13.35	8.46		
	Q3 2024	09:15	-161	6.88	1.71	935	0.45	16.28	7.89	
		09:18	-166	6.86	1.66	905	0.38	16.17	7.92	
		09:21	-170	6.87	1.63	574	0.32	16.02	7.95	
		09:24	-174	6.88	1.63	444	0.29	15.95	7.95	
		09:27	-177	6.89	1.62	459	0.27	15.98	7.93	
		09:31	-180	6.91	1.63	356	0.26	16.03	7.98	
		09:34	-182	6.92	1.63	273	0.25	15.88	7.98	
		09:38	-184	6.92	1.65	175	0.29	15.83	7.98	
		09:41	-185	6.93	1.65	149	0.25	15.85	8.01	
		09:44	-186	6.94	1.66	109	0.25	15.9	8.01	
		09:47	-187	6.94	1.66	76.9	0.24	15.87	8.01	
		09:50	-187	6.95	1.66	70.1	0.24	15.84	8.01	
		09:54	-188	6.95	1.66	48.7	0.23	15.86	8.01	
	Q4 2024	11:54	-117	6.84	2	521	0.13	15.71	8.97	
		11:57	-124	6.82	2	200	0	15.58	8.99	
		12:00	-129	9.82	1.96	117	0	15.64	8.99	
		12:03	-134	6.84	1.93	82.8	0	15.61	8.97	
		12:06	-137	6.84	1.92	79.6	0	15.62	8.97	
		12:10	-141	6.84	1.9	61.3	0	15.62	8.91	
		12:13	-143	6.83	1.9	58	0	15.72	8.92	
		12:17	-146	6.83	1.89	57.9	0	15.63	8.97	
	Q1 2025	12:20	-148	6.84	1.89	43.9	0	15.61	8.96	
		12:23	-151	6.84	1.89	43.9	0	15.63	8.96	
		11:29	-37	6.95	0.607	162	0.3	13.39	7.48	
		11:33	-67	6.72	0.825	84.4	0	13.52	7.5	
		11:36	-81	6.7	1.06	43	0	13.54	7.6	
		11:39	-90	6.7	1.2	35.1	0	13.55	7.63	
		11:43	-96	6.71	1.32	21.3	0	13.48	7.65	
		11:46	-103	6.71	1.4	21.5	0	13.56	7.63	
	MW-7R	Q2 2024	11:49	-105	6.72	1.44	23	0	13.62	7.65
			11:52	-108	6.72	1.46	20.7	0	13.6	7.65
11:55			-109	6.72	1.49	27	0	13.56	7.64	
10:53			-114	7.53	2	92.4	0.45	13.53	8.97	
Q3 2024		10:56	-119	7.51	2.05	53.9	0.37	13.4	9	
		10:59	-123	7.52	2.05	37	0.34	13.45	9.01	
		11:02	-125	7.52	2.04	24	0.32	13.46	9.02	
		10:29	-158	7.07	0.853	125	0.84	16.08	8.37	
		10:32	-161	7.02	1.01	41.7	0.49	16.15	8.36	
		10:35	-163	7	1.08	25.7	0.39	16.24	8.35	
		10:38	-164	7	1.11	21.2	0.34	16.33	8.38	
		10:41	-166	7	1.16	15.5	0.3	16.35	8.36	
		10:44	-166	7	1.18	12	0.28	16.13	8.37	
		10:47	-167	7	1.2	12.6	0.26	16.19	8.36	
10:50	-166	7	1.2	7.43	0.25	16.32	8.36			

Appendix D  
Field Water Quality Parameters During Groundwater Purging  
Periodic Review Report

Monitoring Well	Sampling Event	Time	ORP/eh (mV)	pH	Conductivity (ms/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (C)	Depth to Water
MW-7R (continued)	Q4 2024	10:43	-134	6.81	2.36	72.1	0.17	15.52	9.49
		10:46	-134	6.83	2.18	62	0	15.53	9.49
		10:49	-133	6.84	2	42.4	0	15.54	9.49
		10:52	-130	6.85	1.95	226	0	15.48	9.53
		10:55	-129	6.86	1.9	1	0	15.44	9.54
		10:58	-128	6.87	1.87	1	0	15.41	9.55
		11:01	-127	6.87	1.85	1	0	15.4	9.55
	11:04	-127	6.86	1.84	1	0	15.38	9.58	
	Q1 2025	10:54	-130	6.76	1.89	181	0	13.62	7.97
		10:57	-134	6.72	1.92	142	0	13.69	7.97
11:00		-135	6.7	1.92	64.9	0	13.73	7.97	
11:03		-137	6.69	1.93	36.1	0	6.69	7.99	
MW-105D	Q2 2024	13:49	-73	7.51	1.34	27.8	0.54	15.44	12.33
		13:52	-71	7.46	1.33	14.1	0.45	14.82	12.55
		13:55	-69	7.42	1.34	11.7	0.44	14.92	12.49
		13:58	-68	7.37	1.34	10.6	0.43	14.95	12.57
	Q3 2024	13:40	-46	6.93	0.819	327	4.38	18.96	11.19
		13:43	-45	6.87	0.808	275	4.03	18.94	11.34
		13:46	-42	6.86	0.801	149	3.65	18.76	11.49
		13:49	-40	6.86	0.805	66.1	3.58	17.54	12.59
		13:52	-39	6.86	0.809	32.2	3.58	17.81	12.61
	Q4 2024	9:17	-122	6.77	1.26	276	0	14.46	11.44
		9:20	-119	6.81	1.23	131	0	15.05	12.64
		9:23	-121	6.8	1.23	50.3	0	15.19	13.54
		9:26	-124	6.83	1.22	34.7	0	15.27	13.67
		9:31	-101	6.89	1.2	21.9	0.28	15.22	12.89
		9:34	-110	6.88	1.25	14	0	15.21	12.89
		9:37	-114	6.89	1.27	10.5	0	15.27	12.9
		9:40	-115	6.89	1.27	8.62	0	15.33	12.92
	Q1 2025	09:44		6.83	1.09	159	0.83	14.45	11.64
		09:47	73	6.79	1.14	100	0.47	14.54	11.06
		09:50	59	6.78	1.16	72.5	0.31	14.5	11.19
		09:53	43	6.76	1.19	39.2	0.13	14.68	11.72
		09:56	37	6.77	1.21	25.2	0.12	14.52	12.19
		09:59	34	6.77	1.2	25.5	0.06	14.67	11.69
		10:02	36	6.73	1.23	24	0.1	14.58	12.03
10:05		26	6.75	1.25		0	14.56	12.17	
10:08		22	6.75	1.25	22.3	0	14.62	12.24	
	10:11	19	6.75	1.26	19.4	0	14.62	12.04	

# APPENDIX E

Purge Water Disposal Documentation

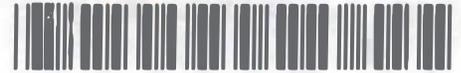




**SOLVENTS & PETROLEUM SERVICE**

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1405 Brewerton Road • Syracuse, NY 13208  
Phone: 315-454-4467 | Fax: 315-454-8230  
Toll Free: 1-800-315-4467

9



Order Date	Requested Date	P.O. Number	Customer Phone Number
1/06/25	1/06/25	059294.003-01	518-453-4500

SOLD TO:  
CHA CONSULTING, INC  
3 WINNERS CIRCLE  
ALBANY, NY 12205

Ship To:  
RANALLI/TAYLOR ST. LLC  
140 CORTLAND AVENUE  
SYRACUSE, NY 13202

Drivers Instructions/Notes:

JM/MEF  
PLEASE PICK UP NEXT TRUCK IN AREA

REVIEWED

Driver:     *VW*     Date:     1/7/25     Customer:     *[Signature]*    

Empty Drums Returned: \_\_\_\_\_

HM	Product Description	DOT Description	Quantity	Unit
	WASTE PURGE WATER APP# CHACONSULT01	PURGE WATER, NON-REGULATED MATERIAL PER 40 & 49 CFR	210	3.00 55-G
	DISPOSAL SITE:	SOLVENTS & PETROLEUM SVES 1405 BREWERTON ROAD SYRACUSE, NY 13208 (800) 315-4467		1.00 INFO

QUOTED BY : MARK

SHIPMENTS OF NON-HAZARDOUS AND NON-REGULATED MATERIAL AS OFFERED BY GENERATOR  
ARE NON-HAZARDOUS/NON-REGULATED PER 40 & 49 CFR

**CHEMICAL EMERGENCY - CHEMTREC # 1-800-424-9300**

# APPENDIX F

Groundwater Laboratory Reports





## ANALYTICAL REPORT

Lab Number:	L2431359
Client:	CHA Companies One Park Place 300 South State St., Suite 600 Syracuse, NY 13202
ATTN:	Samantha Miller
Phone:	(315) 471-3920
Project Name:	FORMER COYNE TEXTILE FACILITY
Project Number:	059294.003
Report Date:	06/13/24

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

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

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



**Project Name:** FORMER COYNE TEXTILE FACILITY  
**Project Number:** 059294.003

**Lab Number:** L2431359  
**Report Date:** 06/13/24

<b>Alpha Sample ID</b>	<b>Client ID</b>	<b>Matrix</b>	<b>Sample Location</b>	<b>Collection Date/Time</b>	<b>Receive Date</b>
L2431359-01	CHA-1-20240605	WATER	SYRACUSE, NY	06/05/24 09:00	06/05/24
L2431359-02	MW-5R-20240605	WATER	SYRACUSE, NY	06/05/24 09:20	06/05/24
L2431359-03	MW-6R-20240605	WATER	SYRACUSE, NY	06/05/24 10:30	06/05/24
L2431359-04	MW-7R-20240605	WATER	SYRACUSE, NY	06/05/24 11:10	06/05/24
L2431359-05	MW-4-20240605	WATER	SYRACUSE, NY	06/05/24 13:00	06/05/24
L2431359-06	MW-105D-20240605	WATER	SYRACUSE, NY	06/05/24 14:05	06/05/24
L2431359-07	TRIP BLANK	WATER	SYRACUSE, NY	06/05/24 00:00	06/05/24

**Project Name:** FORMER COYNE TEXTILE FACILITY  
**Project Number:** 059294.003

**Lab Number:** L2431359  
**Report Date:** 06/13/24

### Case Narrative

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

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

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

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

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

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

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**Project Name:** FORMER COYNE TEXTILE FACILITY  
**Project Number:** 059294.003

**Lab Number:** L2431359  
**Report Date:** 06/13/24

### Case Narrative (continued)

#### Report Submission

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

#### Carbon Dioxide

The WG1931034-7/-8 MS/MSD recoveries, performed on L2431359-04, are outside the acceptance criteria for carbon dioxide (138%/124%). The unacceptable percent recoveries are attributed to the elevated concentration of target compound present in the native sample.

#### Volatile Organics

The WG1933208-6/-7 MS/MSD recoveries, performed on L2431359-04, are outside the acceptance criteria for vinyl chloride (0%/0%). The unacceptable percent recoveries are attributed to the elevated concentrations of target compounds present in the native sample.

#### Dissolved Gases

The WG1933298-4/-5 MS/MSD recoveries, performed on L2431359-04, are outside the acceptance criteria for methane (0%/0%). The unacceptable percent recoveries are attributed to the elevated concentrations of target compounds present in the native sample.

#### Total Metals

The WG1932591-3/-4 MS/MSD recoveries for iron (72%/66%), performed on L2431359-04, do not apply because the sample concentration is greater than four times the spike amount added.

#### Anions by Ion Chromatography

The WG1930900-3/-4 MS/MSD recoveries, performed on L2431359-04, are outside the acceptance criteria for chloride (MSD 120%) and nitrogen, nitrate (117%/117%); however, the associated LCS recoveries are within criteria. No further action was taken.

**Project Name:** FORMER COYNE TEXTILE FACILITY  
**Project Number:** 059294.003

**Lab Number:** L2431359  
**Report Date:** 06/13/24

**Case Narrative (continued)**

Sulfide

The WG1931342-4 MS recovery, performed on L2431359-04, is outside the acceptance criteria for sulfide (64%); however, the associated LCS recovery is within criteria. No further action was taken.

Total Alkalinity

The WG1933186-4 MS recovery, performed on L2431359-04, is outside the acceptance criteria for alkalinity, total (55%); however, the associated LCS recovery is within criteria. No further action was taken.

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

Authorized Signature:

 Kelly Stenstrom

Title: Technical Director/Representative

Date: 06/13/24

# ORGANICS

# VOLATILES

**Project Name:** FORMER COYNE TEXTILE FACILITY  
**Project Number:** 059294.003

**Lab Number:** L2431359  
**Report Date:** 06/13/24

**SAMPLE RESULTS**

Lab ID: L2431359-01  
 Client ID: CHA-1-20240605  
 Sample Location: SYRACUSE, NY

Date Collected: 06/05/24 09:00  
 Date Received: 06/05/24  
 Field Prep: Not Specified

Sample Depth:

Matrix: Water  
 Analytical Method: 1,8260D  
 Analytical Date: 06/10/24 21:06  
 Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Volatile Organics by GC/MS - Westborough Lab</b>						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	13		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	0.62		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	140		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Trichloroethene	4.8		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1

**Project Name:** FORMER COYNE TEXTILE FACILITY  
**Project Number:** 059294.003

**Lab Number:** L2431359  
**Report Date:** 06/13/24

**SAMPLE RESULTS**

Lab ID: L2431359-01  
 Client ID: CHA-1-20240605  
 Sample Location: SYRACUSE, NY

Date Collected: 06/05/24 09:00  
 Date Received: 06/05/24  
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Volatile Organics by GC/MS - Westborough Lab</b>						
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.17	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	16		ug/l	2.5	0.70	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl Acetate	ND		ug/l	2.0	0.23	1
Cyclohexane	ND		ug/l	10	0.27	1
1,4-Dioxane	ND		ug/l	250	61.	1
Freon-113	ND		ug/l	2.5	0.70	1
Methyl cyclohexane	ND		ug/l	10	0.40	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	112		70-130
Toluene-d8	101		70-130
4-Bromofluorobenzene	100		70-130
Dibromofluoromethane	110		70-130

**Project Name:** FORMER COYNE TEXTILE FACILITY  
**Project Number:** 059294.003

**Lab Number:** L2431359  
**Report Date:** 06/13/24

**SAMPLE RESULTS**

Lab ID: L2431359-01  
 Client ID: CHA-1-20240605  
 Sample Location: SYRACUSE, NY

Date Collected: 06/05/24 09:00  
 Date Received: 06/05/24  
 Field Prep: Not Specified

Sample Depth:

Matrix: Water  
 Analytical Method: 117,-  
 Analytical Date: 06/07/24 09:27  
 Analyst: SRO

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Dissolved Gases by GC - Mansfield Lab						
Carbon Dioxide	29.7		mg/l	3.00	3.00	1

**Project Name:** FORMER COYNE TEXTILE FACILITY  
**Project Number:** 059294.003

**Lab Number:** L2431359  
**Report Date:** 06/13/24

**SAMPLE RESULTS**

Lab ID: L2431359-01  
 Client ID: CHA-1-20240605  
 Sample Location: SYRACUSE, NY

Date Collected: 06/05/24 09:00  
 Date Received: 06/05/24  
 Field Prep: Not Specified

Sample Depth:

Matrix: Water  
 Analytical Method: 117,-  
 Analytical Date: 06/10/24 14:35  
 Analyst: SRO

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Dissolved Gases by GC - Mansfield Lab							
Methane	13.8		ug/l	3.00	3.00	1	A
Ethene	ND		ug/l	3.00	3.00	1	A
Ethane	ND		ug/l	3.00	3.00	1	A

**Project Name:** FORMER COYNE TEXTILE FACILITY  
**Project Number:** 059294.003

**Lab Number:** L2431359  
**Report Date:** 06/13/24

**SAMPLE RESULTS**

Lab ID: L2431359-02  
 Client ID: MW-5R-20240605  
 Sample Location: SYRACUSE, NY

Date Collected: 06/05/24 09:20  
 Date Received: 06/05/24  
 Field Prep: Not Specified

Sample Depth:

Matrix: Water  
 Analytical Method: 1,8260D  
 Analytical Date: 06/10/24 21:28  
 Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Volatile Organics by GC/MS - Westborough Lab</b>						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	12		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	0.52		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	160		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Trichloroethene	4.9		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1

**Project Name:** FORMER COYNE TEXTILE FACILITY  
**Project Number:** 059294.003

**Lab Number:** L2431359  
**Report Date:** 06/13/24

**SAMPLE RESULTS**

**Lab ID:** L2431359-02  
**Client ID:** MW-5R-20240605  
**Sample Location:** SYRACUSE, NY

**Date Collected:** 06/05/24 09:20  
**Date Received:** 06/05/24  
**Field Prep:** Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Volatile Organics by GC/MS - Westborough Lab</b>						
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.17	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	18		ug/l	2.5	0.70	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl Acetate	ND		ug/l	2.0	0.23	1
Cyclohexane	ND		ug/l	10	0.27	1
1,4-Dioxane	ND		ug/l	250	61.	1
Freon-113	ND		ug/l	2.5	0.70	1
Methyl cyclohexane	ND		ug/l	10	0.40	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	111		70-130
Toluene-d8	101		70-130
4-Bromofluorobenzene	98		70-130
Dibromofluoromethane	110		70-130

**Project Name:** FORMER COYNE TEXTILE FACILITY  
**Project Number:** 059294.003

**Lab Number:** L2431359  
**Report Date:** 06/13/24

**SAMPLE RESULTS**

Lab ID: L2431359-02  
 Client ID: MW-5R-20240605  
 Sample Location: SYRACUSE, NY

Date Collected: 06/05/24 09:20  
 Date Received: 06/05/24  
 Field Prep: Not Specified

Sample Depth:  
 Matrix: Water  
 Analytical Method: 117,-  
 Analytical Date: 06/07/24 09:45  
 Analyst: SRO

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Dissolved Gases by GC - Mansfield Lab						
Carbon Dioxide	31.2		mg/l	3.00	3.00	1

**Project Name:** FORMER COYNE TEXTILE FACILITY  
**Project Number:** 059294.003

**Lab Number:** L2431359  
**Report Date:** 06/13/24

**SAMPLE RESULTS**

Lab ID: L2431359-02  
 Client ID: MW-5R-20240605  
 Sample Location: SYRACUSE, NY

Date Collected: 06/05/24 09:20  
 Date Received: 06/05/24  
 Field Prep: Not Specified

Sample Depth:

Matrix: Water  
 Analytical Method: 117,-  
 Analytical Date: 06/10/24 14:53  
 Analyst: SRO

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Dissolved Gases by GC - Mansfield Lab							
Methane	260		ug/l	3.00	3.00	1	A
Ethene	6.08		ug/l	3.00	3.00	1	A
Ethane	6.77		ug/l	3.00	3.00	1	A

**Project Name:** FORMER COYNE TEXTILE FACILITY  
**Project Number:** 059294.003

**Lab Number:** L2431359  
**Report Date:** 06/13/24

**SAMPLE RESULTS**

Lab ID: L2431359-03  
 Client ID: MW-6R-20240605  
 Sample Location: SYRACUSE, NY

Date Collected: 06/05/24 10:30  
 Date Received: 06/05/24  
 Field Prep: Not Specified

Sample Depth:

Matrix: Water  
 Analytical Method: 117,-  
 Analytical Date: 06/07/24 10:03  
 Analyst: SRO

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Dissolved Gases by GC - Mansfield Lab						
Carbon Dioxide	97.8		mg/l	3.00	3.00	1

**Project Name:** FORMER COYNE TEXTILE FACILITY  
**Project Number:** 059294.003

**Lab Number:** L2431359  
**Report Date:** 06/13/24

**SAMPLE RESULTS**

Lab ID: L2431359-03  
 Client ID: MW-6R-20240605  
 Sample Location: SYRACUSE, NY

Date Collected: 06/05/24 10:30  
 Date Received: 06/05/24  
 Field Prep: Not Specified

Sample Depth:

Matrix: Water  
 Analytical Method: 117,-  
 Analytical Date: 06/10/24 15:10  
 Analyst: SRO

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Dissolved Gases by GC - Mansfield Lab							
Methane	313		ug/l	3.00	3.00	1	A
Ethene	35.7		ug/l	3.00	3.00	1	A
Ethane	26.3		ug/l	3.00	3.00	1	A

**Project Name:** FORMER COYNE TEXTILE FACILITY  
**Project Number:** 059294.003

**Lab Number:** L2431359  
**Report Date:** 06/13/24

**SAMPLE RESULTS**

Lab ID: L2431359-03 D2  
 Client ID: MW-6R-20240605  
 Sample Location: SYRACUSE, NY

Date Collected: 06/05/24 10:30  
 Date Received: 06/05/24  
 Field Prep: Not Specified

Sample Depth:

Matrix: Water  
 Analytical Method: 1,8260D  
 Analytical Date: 06/11/24 20:54  
 Analyst: MKS

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Vinyl chloride	2100		ug/l	50	3.6	50

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	106		70-130
Toluene-d8	96		70-130
4-Bromofluorobenzene	127		70-130
Dibromofluoromethane	96		70-130

**Project Name:** FORMER COYNE TEXTILE FACILITY  
**Project Number:** 059294.003

**Lab Number:** L2431359  
**Report Date:** 06/13/24

**SAMPLE RESULTS**

Lab ID: L2431359-03 D  
 Client ID: MW-6R-20240605  
 Sample Location: SYRACUSE, NY

Date Collected: 06/05/24 10:30  
 Date Received: 06/05/24  
 Field Prep: Not Specified

Sample Depth:

Matrix: Water  
 Analytical Method: 1,8260D  
 Analytical Date: 06/10/24 21:51  
 Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Volatile Organics by GC/MS - Westborough Lab</b>						
Methylene chloride	ND		ug/l	12	3.5	5
1,1-Dichloroethane	ND		ug/l	12	3.5	5
Chloroform	ND		ug/l	12	3.5	5
Carbon tetrachloride	ND		ug/l	2.5	0.67	5
1,2-Dichloropropane	ND		ug/l	5.0	0.68	5
Dibromochloromethane	ND		ug/l	2.5	0.74	5
1,1,2-Trichloroethane	ND		ug/l	7.5	2.5	5
Tetrachloroethene	4.3		ug/l	2.5	0.90	5
Chlorobenzene	ND		ug/l	12	3.5	5
Trichlorofluoromethane	ND		ug/l	12	3.5	5
1,2-Dichloroethane	ND		ug/l	2.5	0.66	5
1,1,1-Trichloroethane	ND		ug/l	12	3.5	5
Bromodichloromethane	ND		ug/l	2.5	0.96	5
trans-1,3-Dichloropropene	ND		ug/l	2.5	0.82	5
cis-1,3-Dichloropropene	ND		ug/l	2.5	0.72	5
Bromoform	ND		ug/l	10	3.2	5
1,1,2,2-Tetrachloroethane	ND		ug/l	2.5	0.84	5
Benzene	1.6	J	ug/l	2.5	0.80	5
Toluene	ND		ug/l	12	3.5	5
Ethylbenzene	ND		ug/l	12	3.5	5
Chloromethane	ND		ug/l	12	3.5	5
Bromomethane	ND		ug/l	12	3.5	5
Vinyl chloride	1600	E	ug/l	5.0	0.36	5
Chloroethane	ND		ug/l	12	3.5	5
1,1-Dichloroethene	ND		ug/l	2.5	0.84	5
trans-1,2-Dichloroethene	3.7	J	ug/l	12	3.5	5
Trichloroethene	6.6		ug/l	2.5	0.88	5
1,2-Dichlorobenzene	ND		ug/l	12	3.5	5

**Project Name:** FORMER COYNE TEXTILE FACILITY  
**Project Number:** 059294.003

**Lab Number:** L2431359  
**Report Date:** 06/13/24

**SAMPLE RESULTS**

Lab ID: L2431359-03 D  
 Client ID: MW-6R-20240605  
 Sample Location: SYRACUSE, NY

Date Collected: 06/05/24 10:30  
 Date Received: 06/05/24  
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Volatile Organics by GC/MS - Westborough Lab</b>						
1,3-Dichlorobenzene	ND		ug/l	12	3.5	5
1,4-Dichlorobenzene	ND		ug/l	12	3.5	5
Methyl tert butyl ether	ND		ug/l	12	0.83	5
p/m-Xylene	ND		ug/l	12	3.5	5
o-Xylene	ND		ug/l	12	3.5	5
cis-1,2-Dichloroethene	480		ug/l	12	3.5	5
Styrene	ND		ug/l	12	3.5	5
Dichlorodifluoromethane	ND		ug/l	25	5.0	5
Acetone	ND		ug/l	25	7.3	5
Carbon disulfide	ND		ug/l	25	5.0	5
2-Butanone	ND		ug/l	25	9.7	5
4-Methyl-2-pentanone	ND		ug/l	25	5.0	5
2-Hexanone	ND		ug/l	25	5.0	5
Bromochloromethane	ND		ug/l	12	3.5	5
1,2-Dibromoethane	ND		ug/l	10	3.2	5
1,2-Dibromo-3-chloropropane	ND		ug/l	12	3.5	5
Isopropylbenzene	ND		ug/l	12	3.5	5
1,2,3-Trichlorobenzene	ND		ug/l	12	3.5	5
1,2,4-Trichlorobenzene	ND		ug/l	12	3.5	5
Methyl Acetate	ND		ug/l	10	1.2	5
Cyclohexane	ND		ug/l	50	1.4	5
1,4-Dioxane	ND		ug/l	1200	300	5
Freon-113	ND		ug/l	12	3.5	5
Methyl cyclohexane	ND		ug/l	50	2.0	5

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	114		70-130
Toluene-d8	102		70-130
4-Bromofluorobenzene	99		70-130
Dibromofluoromethane	111		70-130

**Project Name:** FORMER COYNE TEXTILE FACILITY  
**Project Number:** 059294.003

**Lab Number:** L2431359  
**Report Date:** 06/13/24

**SAMPLE RESULTS**

Lab ID: L2431359-04  
 Client ID: MW-7R-20240605  
 Sample Location: SYRACUSE, NY

Date Collected: 06/05/24 11:10  
 Date Received: 06/05/24  
 Field Prep: Not Specified

Sample Depth:

Matrix: Water  
 Analytical Method: 1,8260D  
 Analytical Date: 06/11/24 21:18  
 Analyst: MKS

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Volatile Organics by GC/MS - Westborough Lab</b>						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	0.52		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	470	E	ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	3.6		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	4.4		ug/l	2.5	0.70	1
Trichloroethene	0.35	J	ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1

**Project Name:** FORMER COYNE TEXTILE FACILITY  
**Project Number:** 059294.003

**Lab Number:** L2431359  
**Report Date:** 06/13/24

**SAMPLE RESULTS**

Lab ID: L2431359-04  
 Client ID: MW-7R-20240605  
 Sample Location: SYRACUSE, NY

Date Collected: 06/05/24 11:10  
 Date Received: 06/05/24  
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Volatile Organics by GC/MS - Westborough Lab</b>						
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.17	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	990	E	ug/l	2.5	0.70	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl Acetate	ND		ug/l	2.0	0.23	1
Cyclohexane	1.3	J	ug/l	10	0.27	1
1,4-Dioxane	ND		ug/l	250	61.	1
Freon-113	ND		ug/l	2.5	0.70	1
Methyl cyclohexane	1.3	J	ug/l	10	0.40	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	112		70-130
Toluene-d8	105		70-130
4-Bromofluorobenzene	115		70-130
Dibromofluoromethane	106		70-130

**Project Name:** FORMER COYNE TEXTILE FACILITY  
**Project Number:** 059294.003

**Lab Number:** L2431359  
**Report Date:** 06/13/24

**SAMPLE RESULTS**

Lab ID: L2431359-04  
 Client ID: MW-7R-20240605  
 Sample Location: SYRACUSE, NY

Date Collected: 06/05/24 11:10  
 Date Received: 06/05/24  
 Field Prep: Not Specified

Sample Depth:

Matrix: Water  
 Analytical Method: 117,-  
 Analytical Date: 06/07/24 13:03  
 Analyst: SRO

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Dissolved Gases by GC - Mansfield Lab						
Carbon Dioxide	69.8		mg/l	3.00	3.00	1

**Project Name:** FORMER COYNE TEXTILE FACILITY  
**Project Number:** 059294.003

**Lab Number:** L2431359  
**Report Date:** 06/13/24

**SAMPLE RESULTS**

Lab ID: L2431359-04  
 Client ID: MW-7R-20240605  
 Sample Location: SYRACUSE, NY

Date Collected: 06/05/24 11:10  
 Date Received: 06/05/24  
 Field Prep: Not Specified

Sample Depth:

Matrix: Water  
 Analytical Method: 117,-  
 Analytical Date: 06/12/24 11:53  
 Analyst: SRO

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Dissolved Gases by GC - Mansfield Lab							
Methane	3830		ug/l	3.00	3.00	1	A
Ethene	25.0		ug/l	3.00	3.00	1	A
Ethane	10.2		ug/l	3.00	3.00	1	A

**Project Name:** FORMER COYNE TEXTILE FACILITY  
**Project Number:** 059294.003

**Lab Number:** L2431359  
**Report Date:** 06/13/24

**SAMPLE RESULTS**

Lab ID: L2431359-04 D  
 Client ID: MW-7R-20240605  
 Sample Location: SYRACUSE, NY

Date Collected: 06/05/24 11:10  
 Date Received: 06/05/24  
 Field Prep: Not Specified

Sample Depth:

Matrix: Water  
 Analytical Method: 1,8260D  
 Analytical Date: 06/10/24 22:13  
 Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Volatile Organics by GC/MS - Westborough Lab						
Vinyl chloride	260		ug/l	5.0	0.36	5
cis-1,2-Dichloroethene	670		ug/l	12	3.5	5

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	114		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	98		70-130
Dibromofluoromethane	111		70-130

**Project Name:** FORMER COYNE TEXTILE FACILITY  
**Project Number:** 059294.003

**Lab Number:** L2431359  
**Report Date:** 06/13/24

**SAMPLE RESULTS**

Lab ID: L2431359-05  
 Client ID: MW-4-20240605  
 Sample Location: SYRACUSE, NY

Date Collected: 06/05/24 13:00  
 Date Received: 06/05/24  
 Field Prep: Not Specified

Sample Depth:

Matrix: Water  
 Analytical Method: 1,8260D  
 Analytical Date: 06/10/24 22:36  
 Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Volatile Organics by GC/MS - Westborough Lab</b>						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	0.43	J	ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	100		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1

**Project Name:** FORMER COYNE TEXTILE FACILITY  
**Project Number:** 059294.003

**Lab Number:** L2431359  
**Report Date:** 06/13/24

**SAMPLE RESULTS**

Lab ID: L2431359-05  
 Client ID: MW-4-20240605  
 Sample Location: SYRACUSE, NY

Date Collected: 06/05/24 13:00  
 Date Received: 06/05/24  
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Volatile Organics by GC/MS - Westborough Lab</b>						
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.17	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	48		ug/l	2.5	0.70	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl Acetate	ND		ug/l	2.0	0.23	1
Cyclohexane	ND		ug/l	10	0.27	1
1,4-Dioxane	ND		ug/l	250	61.	1
Freon-113	ND		ug/l	2.5	0.70	1
Methyl cyclohexane	ND		ug/l	10	0.40	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	113		70-130
Toluene-d8	99		70-130
4-Bromofluorobenzene	103		70-130
Dibromofluoromethane	111		70-130

**Project Name:** FORMER COYNE TEXTILE FACILITY  
**Project Number:** 059294.003

**Lab Number:** L2431359  
**Report Date:** 06/13/24

**SAMPLE RESULTS**

Lab ID: L2431359-05  
 Client ID: MW-4-20240605  
 Sample Location: SYRACUSE, NY

Date Collected: 06/05/24 13:00  
 Date Received: 06/05/24  
 Field Prep: Not Specified

Sample Depth:

Matrix: Water  
 Analytical Method: 117,-  
 Analytical Date: 06/07/24 13:19  
 Analyst: SRO

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Dissolved Gases by GC - Mansfield Lab						
Carbon Dioxide	50.2		mg/l	3.00	3.00	1

**Project Name:** FORMER COYNE TEXTILE FACILITY  
**Project Number:** 059294.003

**Lab Number:** L2431359  
**Report Date:** 06/13/24

**SAMPLE RESULTS**

Lab ID: L2431359-05  
 Client ID: MW-4-20240605  
 Sample Location: SYRACUSE, NY

Date Collected: 06/05/24 13:00  
 Date Received: 06/05/24  
 Field Prep: Not Specified

Sample Depth:

Matrix: Water  
 Analytical Method: 117,-  
 Analytical Date: 06/10/24 15:28  
 Analyst: SRO

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Dissolved Gases by GC - Mansfield Lab							
Methane	473		ug/l	3.00	3.00	1	A
Ethene	12.0		ug/l	3.00	3.00	1	A
Ethane	34.6		ug/l	3.00	3.00	1	A

**Project Name:** FORMER COYNE TEXTILE FACILITY  
**Project Number:** 059294.003

**Lab Number:** L2431359  
**Report Date:** 06/13/24

**SAMPLE RESULTS**

Lab ID: L2431359-06  
 Client ID: MW-105D-20240605  
 Sample Location: SYRACUSE, NY

Date Collected: 06/05/24 14:05  
 Date Received: 06/05/24  
 Field Prep: Not Specified

Sample Depth:

Matrix: Water  
 Analytical Method: 1,8260D  
 Analytical Date: 06/10/24 22:59  
 Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Volatile Organics by GC/MS - Westborough Lab</b>						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	8.8		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1

**Project Name:** FORMER COYNE TEXTILE FACILITY  
**Project Number:** 059294.003

**Lab Number:** L2431359  
**Report Date:** 06/13/24

**SAMPLE RESULTS**

Lab ID: L2431359-06  
 Client ID: MW-105D-20240605  
 Sample Location: SYRACUSE, NY

Date Collected: 06/05/24 14:05  
 Date Received: 06/05/24  
 Field Prep: Not Specified

Sample Depth:

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

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	115		70-130
Toluene-d8	104		70-130
4-Bromofluorobenzene	103		70-130
Dibromofluoromethane	110		70-130

**Project Name:** FORMER COYNE TEXTILE FACILITY  
**Project Number:** 059294.003

**Lab Number:** L2431359  
**Report Date:** 06/13/24

**SAMPLE RESULTS**

Lab ID: L2431359-06  
 Client ID: MW-105D-20240605  
 Sample Location: SYRACUSE, NY

Date Collected: 06/05/24 14:05  
 Date Received: 06/05/24  
 Field Prep: Not Specified

Sample Depth:

Matrix: Water  
 Analytical Method: 117,-  
 Analytical Date: 06/07/24 13:37  
 Analyst: SRO

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Dissolved Gases by GC - Mansfield Lab						
Carbon Dioxide	90.1		mg/l	3.00	3.00	1

**Project Name:** FORMER COYNE TEXTILE FACILITY  
**Project Number:** 059294.003

**Lab Number:** L2431359  
**Report Date:** 06/13/24

**SAMPLE RESULTS**

Lab ID: L2431359-06  
 Client ID: MW-105D-20240605  
 Sample Location: SYRACUSE, NY

Date Collected: 06/05/24 14:05  
 Date Received: 06/05/24  
 Field Prep: Not Specified

Sample Depth:

Matrix: Water  
 Analytical Method: 117,-  
 Analytical Date: 06/10/24 15:46  
 Analyst: SRO

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Dissolved Gases by GC - Mansfield Lab							
Methane	186		ug/l	3.00	3.00	1	A
Ethene	ND		ug/l	3.00	3.00	1	A
Ethane	ND		ug/l	3.00	3.00	1	A

**Project Name:** FORMER COYNE TEXTILE FACILITY  
**Project Number:** 059294.003

**Lab Number:** L2431359  
**Report Date:** 06/13/24

**SAMPLE RESULTS**

Lab ID: L2431359-07  
 Client ID: TRIP BLANK  
 Sample Location: SYRACUSE, NY

Date Collected: 06/05/24 00:00  
 Date Received: 06/05/24  
 Field Prep: Not Specified

Sample Depth:

Matrix: Water  
 Analytical Method: 1,8260D  
 Analytical Date: 06/10/24 23:21  
 Analyst: PID

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

**Project Name:** FORMER COYNE TEXTILE FACILITY  
**Project Number:** 059294.003

**Lab Number:** L2431359  
**Report Date:** 06/13/24

**SAMPLE RESULTS**

**Lab ID:** L2431359-07  
**Client ID:** TRIP BLANK  
**Sample Location:** SYRACUSE, NY

**Date Collected:** 06/05/24 00:00  
**Date Received:** 06/05/24  
**Field Prep:** Not Specified

Sample Depth:

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

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	115		70-130
Toluene-d8	101		70-130
4-Bromofluorobenzene	98		70-130
Dibromofluoromethane	111		70-130

**Project Name:** FORMER COYNE TEXTILE FACILITY  
**Project Number:** 059294.003

**Lab Number:** L2431359  
**Report Date:** 06/13/24

**Method Blank Analysis**  
**Batch Quality Control**

Analytical Method: 117,-  
Analytical Date: 06/07/24 06:43  
Analyst: SRO

<b>Parameter</b>	<b>Result</b>	<b>Qualifier</b>	<b>Units</b>	<b>RL</b>	<b>MDL</b>
Dissolved Gases by GC - Mansfield Lab for sample(s): 01-06 Batch: WG1931034-3					
Carbon Dioxide	ND		mg/l	3.00	3.00

**Project Name:** FORMER COYNE TEXTILE FACILITY  
**Project Number:** 059294.003

**Lab Number:** L2431359  
**Report Date:** 06/13/24

**Method Blank Analysis**  
**Batch Quality Control**

Analytical Method: 117,-  
Analytical Date: 06/10/24 13:47  
Analyst: SRO

Parameter	Result	Qualifier	Units	RL	MDL	
Dissolved Gases by GC - Mansfield Lab for sample(s): 01-03,05-06 Batch: WG1932176-3						
Methane	ND		ug/l	3.00	3.00	A
Ethene	ND		ug/l	3.00	3.00	A
Ethane	ND		ug/l	3.00	3.00	A

**Project Name:** FORMER COYNE TEXTILE FACILITY  
**Project Number:** 059294.003

**Lab Number:** L2431359  
**Report Date:** 06/13/24

**Method Blank Analysis**  
**Batch Quality Control**

Analytical Method: 1,8260D  
Analytical Date: 06/10/24 19:58  
Analyst: MAG

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-07 Batch: WG1932772-5					
Methylene chloride	ND		ug/l	2.5	0.70
1,1-Dichloroethane	ND		ug/l	2.5	0.70
Chloroform	ND		ug/l	2.5	0.70
Carbon tetrachloride	ND		ug/l	0.50	0.13
1,2-Dichloropropane	ND		ug/l	1.0	0.14
Dibromochloromethane	ND		ug/l	0.50	0.15
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50
Tetrachloroethene	ND		ug/l	0.50	0.18
Chlorobenzene	ND		ug/l	2.5	0.70
Trichlorofluoromethane	ND		ug/l	2.5	0.70
1,2-Dichloroethane	ND		ug/l	0.50	0.13
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70
Bromodichloromethane	ND		ug/l	0.50	0.19
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14
Bromoform	ND		ug/l	2.0	0.65
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17
Benzene	ND		ug/l	0.50	0.16
Toluene	ND		ug/l	2.5	0.70
Ethylbenzene	ND		ug/l	2.5	0.70
Chloromethane	ND		ug/l	2.5	0.70
Bromomethane	ND		ug/l	2.5	0.70
Vinyl chloride	ND		ug/l	1.0	0.07
Chloroethane	ND		ug/l	2.5	0.70
1,1-Dichloroethene	ND		ug/l	0.50	0.17
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70
Trichloroethene	ND		ug/l	0.50	0.18
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70

**Project Name:** FORMER COYNE TEXTILE FACILITY  
**Project Number:** 059294.003

**Lab Number:** L2431359  
**Report Date:** 06/13/24

### Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260D  
Analytical Date: 06/10/24 19:58  
Analyst: MAG

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-07 Batch: WG1932772-5					
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70
Methyl tert butyl ether	ND		ug/l	2.5	0.17
p/m-Xylene	ND		ug/l	2.5	0.70
o-Xylene	ND		ug/l	2.5	0.70
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70
Styrene	ND		ug/l	2.5	0.70
Dichlorodifluoromethane	ND		ug/l	5.0	1.0
Acetone	ND		ug/l	5.0	1.5
Carbon disulfide	ND		ug/l	5.0	1.0
2-Butanone	ND		ug/l	5.0	1.9
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0
2-Hexanone	ND		ug/l	5.0	1.0
Bromochloromethane	ND		ug/l	2.5	0.70
1,2-Dibromoethane	ND		ug/l	2.0	0.65
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70
Isopropylbenzene	ND		ug/l	2.5	0.70
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70
Methyl Acetate	ND		ug/l	2.0	0.23
Cyclohexane	ND		ug/l	10	0.27
1,4-Dioxane	ND		ug/l	250	61.
Freon-113	ND		ug/l	2.5	0.70
Methyl cyclohexane	ND		ug/l	10	0.40

**Project Name:** FORMER COYNE TEXTILE FACILITY  
**Project Number:** 059294.003

**Lab Number:** L2431359  
**Report Date:** 06/13/24

**Method Blank Analysis**  
**Batch Quality Control**

Analytical Method: 1,8260D  
Analytical Date: 06/10/24 19:58  
Analyst: MAG

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-07 Batch: WG1932772-5					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	114		70-130
Toluene-d8	103		70-130
4-Bromofluorobenzene	103		70-130
Dibromofluoromethane	110		70-130

**Project Name:** FORMER COYNE TEXTILE FACILITY  
**Project Number:** 059294.003

**Lab Number:** L2431359  
**Report Date:** 06/13/24

**Method Blank Analysis**  
**Batch Quality Control**

Analytical Method: 1,8260D  
Analytical Date: 06/11/24 19:18  
Analyst: LAC

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 03-04 Batch: WG1933208-5					
Methylene chloride	ND		ug/l	2.5	0.70
1,1-Dichloroethane	ND		ug/l	2.5	0.70
Chloroform	ND		ug/l	2.5	0.70
Carbon tetrachloride	ND		ug/l	0.50	0.13
1,2-Dichloropropane	ND		ug/l	1.0	0.14
Dibromochloromethane	ND		ug/l	0.50	0.15
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50
Tetrachloroethene	ND		ug/l	0.50	0.18
Chlorobenzene	ND		ug/l	2.5	0.70
Trichlorofluoromethane	ND		ug/l	2.5	0.70
1,2-Dichloroethane	ND		ug/l	0.50	0.13
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70
Bromodichloromethane	ND		ug/l	0.50	0.19
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14
Bromoform	ND		ug/l	2.0	0.65
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17
Benzene	ND		ug/l	0.50	0.16
Toluene	ND		ug/l	2.5	0.70
Ethylbenzene	ND		ug/l	2.5	0.70
Chloromethane	ND		ug/l	2.5	0.70
Bromomethane	ND		ug/l	2.5	0.70
Vinyl chloride	ND		ug/l	1.0	0.07
Chloroethane	ND		ug/l	2.5	0.70
1,1-Dichloroethene	ND		ug/l	0.50	0.17
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70
Trichloroethene	ND		ug/l	0.50	0.18
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70

**Project Name:** FORMER COYNE TEXTILE FACILITY  
**Project Number:** 059294.003

**Lab Number:** L2431359  
**Report Date:** 06/13/24

**Method Blank Analysis**  
**Batch Quality Control**

Analytical Method: 1,8260D  
Analytical Date: 06/11/24 19:18  
Analyst: LAC

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 03-04 Batch: WG1933208-5					
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70
Methyl tert butyl ether	ND		ug/l	2.5	0.17
p/m-Xylene	ND		ug/l	2.5	0.70
o-Xylene	ND		ug/l	2.5	0.70
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70
Styrene	ND		ug/l	2.5	0.70
Dichlorodifluoromethane	ND		ug/l	5.0	1.0
Acetone	ND		ug/l	5.0	1.5
Carbon disulfide	ND		ug/l	5.0	1.0
2-Butanone	ND		ug/l	5.0	1.9
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0
2-Hexanone	ND		ug/l	5.0	1.0
Bromochloromethane	ND		ug/l	2.5	0.70
1,2-Dibromoethane	ND		ug/l	2.0	0.65
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70
Isopropylbenzene	ND		ug/l	2.5	0.70
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70
Methyl Acetate	ND		ug/l	2.0	0.23
Cyclohexane	ND		ug/l	10	0.27
1,4-Dioxane	ND		ug/l	250	61.
Freon-113	ND		ug/l	2.5	0.70
Methyl cyclohexane	ND		ug/l	10	0.40

**Project Name:** FORMER COYNE TEXTILE FACILITY  
**Project Number:** 059294.003

**Lab Number:** L2431359  
**Report Date:** 06/13/24

**Method Blank Analysis**  
**Batch Quality Control**

Analytical Method: 1,8260D  
Analytical Date: 06/11/24 19:18  
Analyst: LAC

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 03-04 Batch: WG1933208-5					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	105		70-130
Toluene-d8	104		70-130
4-Bromofluorobenzene	108		70-130
Dibromofluoromethane	97		70-130

**Project Name:** FORMER COYNE TEXTILE FACILITY  
**Project Number:** 059294.003

**Lab Number:** L2431359  
**Report Date:** 06/13/24

**Method Blank Analysis**  
**Batch Quality Control**

Analytical Method: 117,-  
Analytical Date: 06/12/24 10:08  
Analyst: SRO

Parameter	Result	Qualifier	Units	RL	MDL	
Dissolved Gases by GC - Mansfield Lab for sample(s): 04 Batch: WG1933298-3						
Methane	ND		ug/l	3.00	3.00	A
Ethene	ND		ug/l	3.00	3.00	A
Ethane	ND		ug/l	3.00	3.00	A

## Lab Control Sample Analysis

### Batch Quality Control

**Project Name:** FORMER COYNE TEXTILE FACILITY

**Lab Number:** L2431359

**Project Number:** 059294.003

**Report Date:** 06/13/24

Parameter	<i>LCS</i> %Recovery	<i>Qual</i>	<i>LCSD</i> %Recovery	<i>Qual</i>	<i>%Recovery</i> Limits	<i>RPD</i>	<i>Qual</i>	<i>RPD</i> Limits
Dissolved Gases by GC - Mansfield Lab Associated sample(s): 01-06 Batch: WG1931034-2								
Carbon Dioxide	88		-		80-120	-		

## Lab Control Sample Analysis

Batch Quality Control

**Project Name:** FORMER COYNE TEXTILE FACILITY

**Project Number:** 059294.003

**Lab Number:** L2431359

**Report Date:** 06/13/24

<b>Parameter</b>	<b>LCS %Recovery</b>	<b>Qual</b>	<b>LCSD %Recovery</b>	<b>Qual</b>	<b>%Recovery Limits</b>	<b>RPD</b>	<b>Qual</b>	<b>RPD Limits</b>	<b>Column</b>
Dissolved Gases by GC - Mansfield Lab Associated sample(s): 01-03,05-06 Batch: WG1932176-2									
Methane	91		-		80-120	-		25	A
Ethene	96		-		80-120	-		25	A
Ethane	94		-		80-120	-		25	A

## Lab Control Sample Analysis

### Batch Quality Control

**Project Name:** FORMER COYNE TEXTILE FACILITY

**Lab Number:** L2431359

**Project Number:** 059294.003

**Report Date:** 06/13/24

Parameter	LCS		LCSD		%Recovery Limits	RPD	Qual	RPD Limits
	%Recovery	Qual	%Recovery	Qual				
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-07 Batch: WG1932772-3 WG1932772-4								
Methylene chloride	91		97		70-130	6		20
1,1-Dichloroethane	86		94		70-130	9		20
Chloroform	100		110		70-130	10		20
Carbon tetrachloride	100		110		63-132	10		20
1,2-Dichloropropane	81		91		70-130	12		20
Dibromochloromethane	91		100		63-130	9		20
1,1,2-Trichloroethane	92		96		70-130	4		20
Tetrachloroethene	83		89		70-130	7		20
Chlorobenzene	93		99		75-130	6		20
Trichlorofluoromethane	110		110		62-150	0		20
1,2-Dichloroethane	94		100		70-130	6		20
1,1,1-Trichloroethane	99		100		67-130	1		20
Bromodichloromethane	96		100		67-130	4		20
trans-1,3-Dichloropropene	87		95		70-130	9		20
cis-1,3-Dichloropropene	87		96		70-130	10		20
Bromoform	84		91		54-136	8		20
1,1,2,2-Tetrachloroethane	100		100		67-130	0		20
Benzene	88		95		70-130	8		20
Toluene	92		96		70-130	4		20
Ethylbenzene	90		94		70-130	4		20
Chloromethane	73		80		64-130	9		20
Bromomethane	92		98		39-139	6		20
Vinyl chloride	80		84		55-140	5		20

## Lab Control Sample Analysis

### Batch Quality Control

**Project Name:** FORMER COYNE TEXTILE FACILITY

**Lab Number:** L2431359

**Project Number:** 059294.003

**Report Date:** 06/13/24

Parameter	LCS		LCSD		%Recovery Limits	RPD	Qual	RPD Limits
	%Recovery	Qual	%Recovery	Qual				
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-07 Batch: WG1932772-3 WG1932772-4								
Chloroethane	110		110		55-138	0		20
1,1-Dichloroethene	86		90		61-145	5		20
trans-1,2-Dichloroethene	87		93		70-130	7		20
Trichloroethene	92		97		70-130	5		20
1,2-Dichlorobenzene	95		98		70-130	3		20
1,3-Dichlorobenzene	99		99		70-130	0		20
1,4-Dichlorobenzene	100		98		70-130	2		20
Methyl tert butyl ether	77		87		63-130	12		20
p/m-Xylene	90		95		70-130	5		20
o-Xylene	90		95		70-130	5		20
cis-1,2-Dichloroethene	91		96		70-130	5		20
Styrene	90		95		70-130	5		20
Dichlorodifluoromethane	76		83		36-147	9		20
Acetone	90		96		58-148	6		20
Carbon disulfide	86		91		51-130	6		20
2-Butanone	78		88		63-138	12		20
4-Methyl-2-pentanone	64		68		59-130	6		20
2-Hexanone	62		71		57-130	14		20
Bromochloromethane	92		100		70-130	8		20
1,2-Dibromoethane	88		95		70-130	8		20
1,2-Dibromo-3-chloropropane	84		88		41-144	5		20
Isopropylbenzene	100		100		70-130	0		20
1,2,3-Trichlorobenzene	85		86		70-130	1		20

## Lab Control Sample Analysis

### Batch Quality Control

**Project Name:** FORMER COYNE TEXTILE FACILITY

**Project Number:** 059294.003

**Lab Number:** L2431359

**Report Date:** 06/13/24

Parameter	LCS		LCSD		%Recovery Limits	RPD	Qual	RPD Limits
	%Recovery	Qual	%Recovery	Qual				
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-07 Batch: WG1932772-3 WG1932772-4								
1,2,4-Trichlorobenzene	85		86		70-130	1		20
Methyl Acetate	83		96		70-130	15		20
Cyclohexane	76		81		70-130	6		20
1,4-Dioxane	88		104		56-162	17		20
Freon-113	92		97		70-130	5		20
Methyl cyclohexane	84		91		70-130	8		20

Surrogate	LCS		LCSD		Acceptance Criteria
	%Recovery	Qual	%Recovery	Qual	
1,2-Dichloroethane-d4	109		115		70-130
Toluene-d8	102		101		70-130
4-Bromofluorobenzene	102		100		70-130
Dibromofluoromethane	110		107		70-130

## Lab Control Sample Analysis

### Batch Quality Control

**Project Name:** FORMER COYNE TEXTILE FACILITY

**Lab Number:** L2431359

**Project Number:** 059294.003

**Report Date:** 06/13/24

Parameter	LCS		LCSD		%Recovery Limits	RPD	Qual	RPD Limits
	%Recovery	Qual	%Recovery	Qual				
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 03-04 Batch: WG1933208-3 WG1933208-4								
Methylene chloride	94		94		70-130	0		20
1,1-Dichloroethane	100		100		70-130	0		20
Chloroform	96		98		70-130	2		20
Carbon tetrachloride	87		88		63-132	1		20
1,2-Dichloropropane	110		120		70-130	9		20
Dibromochloromethane	91		99		63-130	8		20
1,1,2-Trichloroethane	94		120		70-130	24	Q	20
Tetrachloroethene	90		99		70-130	10		20
Chlorobenzene	94		98		75-130	4		20
Trichlorofluoromethane	80		70		62-150	13		20
1,2-Dichloroethane	98		110		70-130	12		20
1,1,1-Trichloroethane	91		99		67-130	8		20
Bromodichloromethane	92		110		67-130	18		20
trans-1,3-Dichloropropene	100		120		70-130	18		20
cis-1,3-Dichloropropene	96		100		70-130	4		20
Bromoform	81		93		54-136	14		20
1,1,2,2-Tetrachloroethane	110		130		67-130	17		20
Benzene	97		100		70-130	3		20
Toluene	98		110		70-130	12		20
Ethylbenzene	94		97		70-130	3		20
Chloromethane	89		90		64-130	1		20
Bromomethane	18	Q	24	Q	39-139	29	Q	20
Vinyl chloride	96		95		55-140	1		20

## Lab Control Sample Analysis

### Batch Quality Control

**Project Name:** FORMER COYNE TEXTILE FACILITY

**Lab Number:** L2431359

**Project Number:** 059294.003

**Report Date:** 06/13/24

Parameter	LCS		LCSD		%Recovery		RPD	Qual	RPD Limits
	%Recovery	Qual	%Recovery	Qual	Limits	Qual			
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 03-04 Batch: WG1933208-3 WG1933208-4									
Chloroethane	94		85		55-138		10		20
1,1-Dichloroethene	90		82		61-145		9		20
trans-1,2-Dichloroethene	87		86		70-130		1		20
Trichloroethene	87		82		70-130		6		20
1,2-Dichlorobenzene	110		100		70-130		10		20
1,3-Dichlorobenzene	96		100		70-130		4		20
1,4-Dichlorobenzene	95		100		70-130		5		20
Methyl tert butyl ether	82		92		63-130		11		20
p/m-Xylene	85		90		70-130		6		20
o-Xylene	85		90		70-130		6		20
cis-1,2-Dichloroethene	97		89		70-130		9		20
Styrene	90		95		70-130		5		20
Dichlorodifluoromethane	77		69		36-147		11		20
Acetone	90		100		58-148		11		20
Carbon disulfide	92		86		51-130		7		20
2-Butanone	100		130		63-138		26	Q	20
4-Methyl-2-pentanone	98		120		59-130		20		20
2-Hexanone	100		130		57-130		26	Q	20
Bromochloromethane	88		93		70-130		6		20
1,2-Dibromoethane	100		100		70-130		0		20
1,2-Dibromo-3-chloropropane	82		94		41-144		14		20
Isopropylbenzene	92		92		70-130		0		20
1,2,3-Trichlorobenzene	81		88		70-130		8		20

## Lab Control Sample Analysis Batch Quality Control

**Project Name:** FORMER COYNE TEXTILE FACILITY  
**Project Number:** 059294.003

**Lab Number:** L2431359  
**Report Date:** 06/13/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 03-04 Batch: WG1933208-3 WG1933208-4								
1,2,4-Trichlorobenzene	94		92		70-130	2		20
Methyl Acetate	93		110		70-130	17		20
Cyclohexane	97		89		70-130	9		20
1,4-Dioxane	72		100		56-162	33	Q	20
Freon-113	83		73		70-130	13		20
Methyl cyclohexane	88		78		70-130	12		20

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	106		117		70-130
Toluene-d8	108		120		70-130
4-Bromofluorobenzene	112		117		70-130
Dibromofluoromethane	95		102		70-130

## Lab Control Sample Analysis

Batch Quality Control

**Project Name:** FORMER COYNE TEXTILE FACILITY

**Project Number:** 059294.003

**Lab Number:** L2431359

**Report Date:** 06/13/24

<b>Parameter</b>	<b>LCS %Recovery</b>	<b>Qual</b>	<b>LCSD %Recovery</b>	<b>Qual</b>	<b>%Recovery Limits</b>	<b>RPD</b>	<b>Qual</b>	<b>RPD Limits</b>	<b>Column</b>
Dissolved Gases by GC - Mansfield Lab Associated sample(s): 04 Batch: WG1933298-2									
Methane	85		-		80-120	-		25	A
Ethene	89		-		80-120	-		25	A
Ethane	89		-		80-120	-		25	A

### Matrix Spike Analysis Batch Quality Control

**Project Name:** FORMER COYNE TEXTILE FACILITY  
**Project Number:** 059294.003

**Lab Number:** L2431359  
**Report Date:** 06/13/24

<b>Parameter</b>	<b>Native Sample</b>	<b>MS Added</b>	<b>MS Found</b>	<b>MS %Recovery</b>	<b>Qual</b>	<b>MSD Found</b>	<b>MSD %Recovery</b>	<b>Qual</b>	<b>Recovery Limits</b>	<b>RPD</b>	<b>Qual</b>	<b>RPD Limits</b>
Dissolved Gases by GC - Mansfield Lab Associated sample(s): 01-06 QC Batch ID: WG1931034-7 WG1931034-8 QC Sample: L2431359-04 Client ID: MW-7R-20240605												
Carbon Dioxide	69.8	12	86.3	138	Q	84.7	124	Q	80-120	2		25

## Matrix Spike Analysis

*Batch Quality Control*

**Project Name:** FORMER COYNE TEXTILE FACILITY

**Lab Number:** L2431359

**Project Number:** 059294.003

**Report Date:** 06/13/24

<i>Parameter</i>	<i>Native Sample</i>	<i>MS Added</i>	<i>MS Found</i>	<i>MS %Recovery</i>	<i>Qual</i>	<i>MSD Found</i>	<i>MSD %Recovery</i>	<i>Qual</i>	<i>Recovery Limits</i>	<i>RPD</i>	<i>Qual</i>	<i>RPD Limits</i>
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 03-04 QC Batch ID: WG1933208-6 WG1933208-7 QC Sample: L2431359-04 Client ID: MW-7R-20240605												
Methylene chloride	ND	10	11	110		11	110		70-130	0		20
1,1-Dichloroethane	ND	10	12	120		12	120		70-130	0		20
Chloroform	ND	10	11	110		11	110		70-130	0		20
Carbon tetrachloride	ND	10	12	120		12	120		63-132	0		20
1,2-Dichloropropane	ND	10	12	120		12	120		70-130	0		20
Dibromochloromethane	ND	10	10	100		10	100		63-130	0		20
1,1,2-Trichloroethane	ND	10	11	110		11	110		70-130	0		20
Tetrachloroethene	ND	10	11	110		11	110		70-130	0		20
Chlorobenzene	ND	10	10	100		11	110		75-130	10		20
Trichlorofluoromethane	ND	10	11	110		11	110		62-150	0		20
1,2-Dichloroethane	ND	10	11	110		11	110		70-130	0		20
1,1,1-Trichloroethane	ND	10	12	120		12	120		67-130	0		20
Bromodichloromethane	ND	10	10	100		11	110		67-130	10		20
trans-1,3-Dichloropropene	ND	10	11	110		11	110		70-130	0		20
cis-1,3-Dichloropropene	ND	10	9.6	96		9.8	98		70-130	2		20
Bromoform	ND	10	9.1	91		9.4	94		54-136	3		20
1,1,2,2-Tetrachloroethane	ND	10	14	140	Q	14	140	Q	67-130	0		20
Benzene	0.52	10	12	115		12	115		70-130	0		20
Toluene	ND	10	11	110		12	120		70-130	9		20
Ethylbenzene	ND	10	11	110		11	110		70-130	0		20
Chloromethane	ND	10	9.3	93		10	100		64-130	7		20
Bromomethane	ND	10	1.6J	16	Q	2.6	26	Q	39-139	48	Q	20
Vinyl chloride	470E	10	460E	0	Q	440E	0	Q	55-140	4		20

## Matrix Spike Analysis

*Batch Quality Control*

**Project Name:** FORMER COYNE TEXTILE FACILITY

**Lab Number:** L2431359

**Project Number:** 059294.003

**Report Date:** 06/13/24

<i>Parameter</i>	<i>Native Sample</i>	<i>MS Added</i>	<i>MS Found</i>	<i>MS %Recovery</i>	<i>Qual</i>	<i>MSD Found</i>	<i>MSD %Recovery</i>	<i>Qual</i>	<i>Recovery Limits</i>	<i>RPD</i>	<i>Qual</i>	<i>RPD Limits</i>
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 03-04 QC Batch ID: WG1933208-6 WG1933208-7 QC Sample: L2431359-04 Client ID: MW-7R-20240605												
Chloroethane	ND	10	9.1	91		9.1	91		55-138	0		20
1,1-Dichloroethene	3.6	10	15	114		15	114		61-145	0		20
trans-1,2-Dichloroethene	4.4	10	17	126		15	106		70-130	13		20
Trichloroethene	0.35J	10	10	100		9.9	99		70-130	1		20
1,2-Dichlorobenzene	ND	10	10	100		11	110		70-130	10		20
1,3-Dichlorobenzene	ND	10	10	100		11	110		70-130	10		20
1,4-Dichlorobenzene	ND	10	10	100		11	110		70-130	10		20
Methyl tert butyl ether	ND	10	9.8	98		10	100		63-130	2		20
p/m-Xylene	ND	20	20	100		20	100		70-130	0		20
o-Xylene	ND	20	19	95		19	95		70-130	0		20
cis-1,2-Dichloroethene	990E	10	1100E	1100	Q	1000E	100		70-130	10		20
Styrene	ND	20	20	100		21	105		70-130	5		20
Dichlorodifluoromethane	ND	10	9.7	97		9.5	95		36-147	2		20
Acetone	ND	10	12	120		12	120		58-148	0		20
Carbon disulfide	ND	10	12	120		12	120		51-130	0		20
2-Butanone	ND	10	13	130		14	140	Q	63-138	7		20
4-Methyl-2-pentanone	ND	10	11	110		12	120		59-130	9		20
2-Hexanone	ND	10	12	120		13	130		57-130	8		20
Bromochloromethane	ND	10	10	100		10	100		70-130	0		20
1,2-Dibromoethane	ND	10	10	100		11	110		70-130	10		20
1,2-Dibromo-3-chloropropane	ND	10	9.6	96		9.6	96		41-144	0		20
Isopropylbenzene	ND	10	10	100		11	110		70-130	10		20
1,2,3-Trichlorobenzene	ND	10	9.1	91		9.8	98		70-130	7		20

### Matrix Spike Analysis Batch Quality Control

**Project Name:** FORMER COYNE TEXTILE FACILITY  
**Project Number:** 059294.003

**Lab Number:** L2431359  
**Report Date:** 06/13/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 03-04 QC Batch ID: WG1933208-6 WG1933208-7 QC Sample: L2431359-04 Client ID: MW-7R-20240605												
1,2,4-Trichlorobenzene	ND	10	9.5	95		10	100		70-130	5		20
Methyl Acetate	ND	10	11	110		11	110		70-130	0		20
Cyclohexane	1.3J	10	14	140	Q	14	140	Q	70-130	0		20
1,4-Dioxane	ND	500	500	100		480	96		56-162	4		20
Freon-113	ND	10	11	110		11	110		70-130	0		20
Methyl cyclohexane	1.3J	10	11	110		11	110		70-130	0		20

Surrogate	MS % Recovery	MS Qualifier	MSD % Recovery	MSD Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	116		113		70-130
4-Bromofluorobenzene	112		115		70-130
Dibromofluoromethane	106		104		70-130
Toluene-d8	108		106		70-130

## Matrix Spike Analysis

*Batch Quality Control*

**Project Name:** FORMER COYNE TEXTILE FACILITY

**Project Number:** 059294.003

**Lab Number:** L2431359

**Report Date:** 06/13/24

<i>Parameter</i>	<i>Native Sample</i>	<i>MS Added</i>	<i>MS Found</i>	<i>MS %Recovery</i>	<i>Qual</i>	<i>MSD Found</i>	<i>MSD %Recovery</i>	<i>Qual</i>	<i>Recovery Limits</i>	<i>RPD</i>	<i>Qual</i>	<i>RPD Limits</i>	<i>Column</i>
Dissolved Gases by GC - Mansfield Lab 20240605 Associated sample(s): 04 QC Batch ID: WG1933298-4 WG1933298-5 QC Sample: L2431359-04 Client ID: MW-7R-													
Methane	3830	54.6	3740	0	Q	3770	0	Q	80-120	1		25	A
Ethene	25.0	95.5	113	92		110	89		80-120	3		25	A
Ethane	10.2	102	101	89		98.5	86		80-120	3		25	A

## METALS

**Project Name:** FORMER COYNE TEXTILE FACILITY**Lab Number:** L2431359**Project Number:** 059294.003**Report Date:** 06/13/24**SAMPLE RESULTS**

Lab ID: L2431359-01

Date Collected: 06/05/24 09:00

Client ID: CHA-1-20240605

Date Received: 06/05/24

Sample Location: SYRACUSE, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
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**Total Metals - Mansfield Lab**

Iron, Total	2.10		mg/l	0.0500	0.0090	1	06/11/24 17:24	06/12/24 19:55	EPA 3005A	1,6010D	HJM
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**General Chemistry - Westborough Lab**

Iron, Ferric	1.9	J	mg/l	0.50	0.06	1		06/12/24 19:55	NA	107,-	
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**Project Name:** FORMER COYNE TEXTILE FACILITY**Lab Number:** L2431359**Project Number:** 059294.003**Report Date:** 06/13/24**SAMPLE RESULTS**

Lab ID: L2431359-02

Date Collected: 06/05/24 09:20

Client ID: MW-5R-20240605

Date Received: 06/05/24

Sample Location: SYRACUSE, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
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**Total Metals - Mansfield Lab**

Iron, Total	2.10		mg/l	0.0500	0.0090	1	06/11/24 17:24	06/12/24 20:01	EPA 3005A	1,6010D	HJM
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**General Chemistry - Westborough Lab**

Iron, Ferric	1.9	J	mg/l	0.50	0.06	1		06/12/24 20:01	NA	107,-	
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**Project Name:** FORMER COYNE TEXTILE FACILITY**Lab Number:** L2431359**Project Number:** 059294.003**Report Date:** 06/13/24**SAMPLE RESULTS**

Lab ID: L2431359-03

Date Collected: 06/05/24 10:30

Client ID: MW-6R-20240605

Date Received: 06/05/24

Sample Location: SYRACUSE, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
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**Total Metals - Mansfield Lab**

Iron, Total	11.6		mg/l	0.0500	0.0090	1	06/11/24 17:24	06/12/24 20:08	EPA 3005A	1,6010D	HJM
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**General Chemistry - Westborough Lab**

Iron, Ferric	10		mg/l	0.50	0.06	1		06/12/24 20:08	NA	107,-	
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**Project Name:** FORMER COYNE TEXTILE FACILITY**Lab Number:** L2431359**Project Number:** 059294.003**Report Date:** 06/13/24**SAMPLE RESULTS**

Lab ID: L2431359-04

Date Collected: 06/05/24 11:10

Client ID: MW-7R-20240605

Date Received: 06/05/24

Sample Location: SYRACUSE, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
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**Total Metals - Mansfield Lab**

Iron, Total	8.15		mg/l	0.0500	0.0090	1	06/11/24 17:24	06/12/24 18:06	EPA 3005A	1,6010D	HJM
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**General Chemistry - Westborough Lab**

Iron, Ferric	7.2		mg/l	0.50	0.06	1		06/12/24 18:06	NA	107,-	
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**Project Name:** FORMER COYNE TEXTILE FACILITY

**Lab Number:** L2431359

**Project Number:** 059294.003

**Report Date:** 06/13/24

**SAMPLE RESULTS**

Lab ID: L2431359-05

Date Collected: 06/05/24 13:00

Client ID: MW-4-20240605

Date Received: 06/05/24

Sample Location: SYRACUSE, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
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**Total Metals - Mansfield Lab**

Iron, Total	5.11		mg/l	0.0500	0.0090	1	06/11/24 17:24	06/12/24 20:15	EPA 3005A	1,6010D	HJM
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**General Chemistry - Westborough Lab**

Iron, Ferric	4.3		mg/l	0.50	0.06	1		06/12/24 20:15	NA	107,-	
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**Project Name:** FORMER COYNE TEXTILE FACILITY**Lab Number:** L2431359**Project Number:** 059294.003**Report Date:** 06/13/24**SAMPLE RESULTS**

Lab ID: L2431359-06

Date Collected: 06/05/24 14:05

Client ID: MW-105D-20240605

Date Received: 06/05/24

Sample Location: SYRACUSE, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
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**Total Metals - Mansfield Lab**

Iron, Total	2.11		mg/l	0.0500	0.0090	1	06/11/24 17:24	06/12/24 21:05	EPA 3005A	1,6010D	HJM
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**General Chemistry - Westborough Lab**

Iron, Ferric	1.4		mg/l	0.50	0.06	1		06/12/24 21:05	NA	107,-	
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Project Name: FORMER COYNE TEXTILE FACILITY

Lab Number: L2431359

Project Number: 059294.003

Report Date: 06/13/24

## Method Blank Analysis Batch Quality Control

Parameter	Result Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01-06 Batch: WG1932591-1									
Iron, Total	ND	mg/l	0.0500	0.0090	1	06/11/24 17:24	06/12/24 17:53	1,6010D	HJM

### Prep Information

Digestion Method: EPA 3005A

**Lab Control Sample Analysis****Batch Quality Control****Project Name:** FORMER COYNE TEXTILE FACILITY**Lab Number:** L2431359**Project Number:** 059294.003**Report Date:** 06/13/24

<b>Parameter</b>	<b>LCS %Recovery</b>	<b>Qual</b>	<b>LCSD %Recovery</b>	<b>Qual</b>	<b>%Recovery Limits</b>	<b>RPD</b>	<b>Qual</b>	<b>RPD Limits</b>
Total Metals - Mansfield Lab Associated sample(s): 01-06 Batch: WG1932591-2								
Iron, Total	109		-		80-120	-		

### Matrix Spike Analysis Batch Quality Control

**Project Name:** FORMER COYNE TEXTILE FACILITY  
**Project Number:** 059294.003

**Lab Number:** L2431359  
**Report Date:** 06/13/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-06 QC Batch ID: WG1932591-3 WG1932591-4 QC Sample: L2431359-04 Client ID: MW-7R-20240605												
Iron, Total	8.15	1	8.87	72	Q	8.81	66	Q	75-125	1		20



**Lab Serial Dilution  
Analysis  
Batch Quality Control**

**Project Name:** FORMER COYNE TEXTILE FACILITY

**Project Number:** 059294.003

**Lab Number:** L2431359

**Report Date:** 06/13/24

Parameter	Native Sample	Serial Dilution	Units	% D	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-06 QC Batch ID: WG1932591-6 QC Sample: L2431359-04 Client ID: MW-7R-20240605						
Iron, Total	8.15	8.44	mg/l	4		20



# **INORGANICS & MISCELLANEOUS**

**Project Name:** FORMER COYNE TEXTILE FACILITY  
**Project Number:** 059294.003

**Lab Number:** L2431359  
**Report Date:** 06/13/24

**SAMPLE RESULTS**

**Lab ID:** L2431359-01  
**Client ID:** CHA-1-20240605  
**Sample Location:** SYRACUSE, NY

**Date Collected:** 06/05/24 09:00  
**Date Received:** 06/05/24  
**Field Prep:** Not Specified

**Sample Depth:**  
**Matrix:** Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
<b>General Chemistry - Westborough Lab</b>										
Alkalinity, Total	281.		mg CaCO3/L	2.00	NA	1	-	06/11/24 09:28	121,2320B	MKT
Sulfide	0.26		mg/l	0.10	0.10	1	06/07/24 17:45	06/07/24 21:07	121,4500S2-D	TLH
Total Organic Carbon	3.34		mg/l	0.500	0.097	1	-	06/11/24 09:26	121,5310C	DEW
Iron, Ferrous	0.23	J	mg/l	0.50	0.056	1	-	06/06/24 08:42	121,3500FE-B	JBB
<b>Anions by Ion Chromatography - Westborough Lab</b>										
Chloride	272.		mg/l	5.00	0.839	10	-	06/06/24 21:41	44,300.0	CVN
Nitrogen, Nitrate	ND		mg/l	0.050	0.012	1	-	06/06/24 19:30	44,300.0	CVN
Sulfate	145.		mg/l	10.0	4.54	10	-	06/06/24 21:41	44,300.0	CVN



**Project Name:** FORMER COYNE TEXTILE FACILITY  
**Project Number:** 059294.003

**Lab Number:** L2431359  
**Report Date:** 06/13/24

**SAMPLE RESULTS**

**Lab ID:** L2431359-02  
**Client ID:** MW-5R-20240605  
**Sample Location:** SYRACUSE, NY

**Date Collected:** 06/05/24 09:20  
**Date Received:** 06/05/24  
**Field Prep:** Not Specified

**Sample Depth:**  
**Matrix:** Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
<b>General Chemistry - Westborough Lab</b>										
Alkalinity, Total	288.		mg CaCO3/L	2.00	NA	1	-	06/11/24 09:35	121,2320B	MKT
Sulfide	0.25		mg/l	0.10	0.10	1	06/07/24 17:45	06/07/24 21:07	121,4500S2-D	TLH
Total Organic Carbon	3.40		mg/l	0.500	0.097	1	-	06/11/24 11:27	121,5310C	DEW
Iron, Ferrous	0.22	J	mg/l	0.50	0.056	1	-	06/06/24 08:42	121,3500FE-B	JBB
<b>Anions by Ion Chromatography - Westborough Lab</b>										
Chloride	273.		mg/l	5.00	0.839	10	-	06/06/24 21:52	44,300.0	CVN
Nitrogen, Nitrate	ND		mg/l	0.050	0.012	1	-	06/06/24 19:41	44,300.0	CVN
Sulfate	146.		mg/l	10.0	4.54	10	-	06/06/24 21:52	44,300.0	CVN



**Project Name:** FORMER COYNE TEXTILE FACILITY  
**Project Number:** 059294.003

**Lab Number:** L2431359  
**Report Date:** 06/13/24

**SAMPLE RESULTS**

**Lab ID:** L2431359-03  
**Client ID:** MW-6R-20240605  
**Sample Location:** SYRACUSE, NY

**Date Collected:** 06/05/24 10:30  
**Date Received:** 06/05/24  
**Field Prep:** Not Specified

**Sample Depth:**  
**Matrix:** Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
<b>General Chemistry - Westborough Lab</b>										
Alkalinity, Total	482.		mg CaCO3/L	4.00	NA	2	-	06/11/24 12:42	121,2320B	MKT
Sulfide	ND		mg/l	0.10	0.10	1	06/07/24 17:45	06/07/24 21:08	121,4500S2-D	TLH
Total Organic Carbon	14.5		mg/l	2.00	0.388	4	-	06/11/24 11:55	121,5310C	DEW
Iron, Ferrous	1.1		mg/l	0.50	0.056	1	-	06/06/24 08:42	121,3500FE-B	JBB
<b>Anions by Ion Chromatography - Westborough Lab</b>										
Chloride	383.		mg/l	5.00	0.839	10	-	06/06/24 22:03	44,300.0	CVN
Nitrogen, Nitrate	ND		mg/l	0.050	0.012	1	-	06/06/24 19:52	44,300.0	CVN
Sulfate	61.2		mg/l	1.00	0.454	1	-	06/06/24 19:52	44,300.0	CVN



**Project Name:** FORMER COYNE TEXTILE FACILITY  
**Project Number:** 059294.003

**Lab Number:** L2431359  
**Report Date:** 06/13/24

**SAMPLE RESULTS**

**Lab ID:** L2431359-04  
**Client ID:** MW-7R-20240605  
**Sample Location:** SYRACUSE, NY

**Date Collected:** 06/05/24 11:10  
**Date Received:** 06/05/24  
**Field Prep:** Not Specified

**Sample Depth:**  
**Matrix:** Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
<b>General Chemistry - Westborough Lab</b>										
Alkalinity, Total	376.		mg CaCO3/L	2.00	NA	1	-	06/12/24 09:35	121,2320B	MKT
Sulfide	ND		mg/l	0.10	0.10	1	06/07/24 17:45	06/07/24 21:08	121,4500S2-D	TLH
Total Organic Carbon	45.6		mg/l	5.00	0.970	10	-	06/11/24 12:25	121,5310C	DEW
Iron, Ferrous	1.0		mg/l	0.50	0.056	1	-	06/06/24 08:43	121,3500FE-B	JBB
<b>Anions by Ion Chromatography - Westborough Lab</b>										
Chloride	350.		mg/l	5.00	0.839	10	-	06/06/24 22:35	44,300.0	AVT
Nitrogen, Nitrate	ND		mg/l	0.050	0.012	1	-	06/06/24 20:03	44,300.0	CVN
Sulfate	107.		mg/l	10.0	4.54	10	-	06/06/24 22:35	44,300.0	AVT



**Project Name:** FORMER COYNE TEXTILE FACILITY  
**Project Number:** 059294.003

**Lab Number:** L2431359  
**Report Date:** 06/13/24

**SAMPLE RESULTS**

**Lab ID:** L2431359-05  
**Client ID:** MW-4-20240605  
**Sample Location:** SYRACUSE, NY

**Date Collected:** 06/05/24 13:00  
**Date Received:** 06/05/24  
**Field Prep:** Not Specified

**Sample Depth:**  
**Matrix:** Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
<b>General Chemistry - Westborough Lab</b>										
Alkalinity, Total	390.		mg CaCO3/L	2.00	NA	1	-	06/11/24 09:52	121,2320B	MKT
Sulfide	1.4		mg/l	0.50	0.50	5	06/07/24 17:45	06/07/24 21:08	121,4500S2-D	TLH
Total Organic Carbon	11.3		mg/l	5.00	0.970	10	-	06/11/24 13:16	121,5310C	DEW
Iron, Ferrous	0.78		mg/l	0.50	0.056	1	-	06/06/24 08:47	121,3500FE-B	JBB
<b>Anions by Ion Chromatography - Westborough Lab</b>										
Chloride	314.		mg/l	5.00	0.839	10	-	06/06/24 20:24	44,300.0	CVN
Nitrogen, Nitrate	ND		mg/l	0.050	0.012	1	-	06/06/24 20:13	44,300.0	CVN
Sulfate	78.6		mg/l	1.00	0.454	1	-	06/06/24 20:13	44,300.0	CVN



**Project Name:** FORMER COYNE TEXTILE FACILITY  
**Project Number:** 059294.003

**Lab Number:** L2431359  
**Report Date:** 06/13/24

**SAMPLE RESULTS**

**Lab ID:** L2431359-06  
**Client ID:** MW-105D-20240605  
**Sample Location:** SYRACUSE, NY

**Date Collected:** 06/05/24 14:05  
**Date Received:** 06/05/24  
**Field Prep:** Not Specified

**Sample Depth:**  
**Matrix:** Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
<b>General Chemistry - Westborough Lab</b>										
Alkalinity, Total	618.		mg CaCO3/L	4.00	NA	2	-	06/11/24 12:44	121,2320B	MKT
Sulfide	ND		mg/l	0.10	0.10	1	06/07/24 17:45	06/07/24 21:10	121,4500S2-D	TLH
Total Organic Carbon	7.23		mg/l	1.00	0.194	2	-	06/11/24 13:41	121,5310C	DEW
Iron, Ferrous	0.68		mg/l	0.50	0.056	1	-	06/06/24 08:47	121,3500FE-B	JBB
<b>Anions by Ion Chromatography - Westborough Lab</b>										
Chloride	88.1		mg/l	5.00	0.839	10	-	06/06/24 21:08	44,300.0	CVN
Nitrogen, Nitrate	0.037	J	mg/l	0.050	0.012	1	-	06/06/24 20:57	44,300.0	CVN
Sulfate	5.51		mg/l	1.00	0.454	1	-	06/06/24 20:57	44,300.0	CVN



**Project Name:** FORMER COYNE TEXTILE FACILITY  
**Project Number:** 059294.003

**Lab Number:** L2431359  
**Report Date:** 06/13/24

**Method Blank Analysis**  
**Batch Quality Control**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab for sample(s): 01-06 Batch: WG1930526-1										
Iron, Ferrous	ND		mg/l	0.50	0.056	1	-	06/06/24 08:40	121,3500FE-B	JBB
Anions by Ion Chromatography - Westborough Lab for sample(s): 01-06 Batch: WG1930900-1										
Chloride	0.145	J	mg/l	0.500	0.083	1	-	06/06/24 19:08	44,300.0	CVN
Nitrogen, Nitrate	0.019	J	mg/l	0.050	0.012	1	-	06/06/24 19:08	44,300.0	CVN
Sulfate	ND		mg/l	1.00	0.454	1	-	06/06/24 19:08	44,300.0	CVN
General Chemistry - Westborough Lab for sample(s): 01-06 Batch: WG1931342-1										
Sulfide	ND		mg/l	0.10	0.10	1	06/07/24 17:45	06/07/24 21:06	121,4500S2-D	TLH
General Chemistry - Westborough Lab for sample(s): 01-06 Batch: WG1932370-1										
Total Organic Carbon	ND		mg/l	0.500	0.097	1	-	06/11/24 05:41	121,5310C	DEW
General Chemistry - Westborough Lab for sample(s): 01-03,05-06 Batch: WG1932476-1										
Alkalinity, Total	ND		mg CaCO3/L	2.00	NA	1	-	06/11/24 07:31	121,2320B	MKT
General Chemistry - Westborough Lab for sample(s): 04 Batch: WG1933186-1										
Alkalinity, Total	ND		mg CaCO3/L	2.00	NA	1	-	06/12/24 09:22	121,2320B	MKT

## Lab Control Sample Analysis

### Batch Quality Control

**Project Name:** FORMER COYNE TEXTILE FACILITY

**Project Number:** 059294.003

**Lab Number:** L2431359

**Report Date:** 06/13/24

Parameter	LCS		LCSD		%Recovery Limits	RPD	Qual	RPD Limits
	%Recovery	Qual	%Recovery	Qual				
General Chemistry - Westborough Lab Associated sample(s): 01-06 Batch: WG1930526-2								
Iron, Ferrous	95		-		90-110	-		
Anions by Ion Chromatography - Westborough Lab Associated sample(s): 01-06 Batch: WG1930900-2								
Chloride	104		-		90-110	-		
Nitrogen, Nitrate	99		-		90-110	-		
Sulfate	102		-		90-110	-		
General Chemistry - Westborough Lab Associated sample(s): 01-06 Batch: WG1931342-2								
Sulfide	88		-		75-125	-		
General Chemistry - Westborough Lab Associated sample(s): 01-06 Batch: WG1932370-2								
Total Organic Carbon	96		-		90-110	-		
General Chemistry - Westborough Lab Associated sample(s): 01-03,05-06 Batch: WG1932476-2								
Alkalinity, Total	104		-		90-110	-		10
General Chemistry - Westborough Lab Associated sample(s): 04 Batch: WG1933186-2								
Alkalinity, Total	103		-		90-110	-		10

### Matrix Spike Analysis Batch Quality Control

**Project Name:** FORMER COYNE TEXTILE FACILITY  
**Project Number:** 059294.003

**Lab Number:** L2431359  
**Report Date:** 06/13/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Qual	MSD Found	MSD %Recovery	MSD Qual	Recovery Limits	RPD	RPD Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-06 QC Batch ID: WG1930526-4 WG1930526-5 QC Sample: L2431359-04 Client ID: MW-7R-20240605												
Iron, Ferrous	1.0	1	2.0	102		2.0	101		80-120	0		20
Anions by Ion Chromatography - Westborough Lab Associated sample(s): 01-06 QC Batch ID: WG1930900-3 WG1930900-4 QC Sample: L2431359-04 Client ID: MW-7R-20240605												
Chloride	350.	40	392	105		398	120	Q	90-110	2		18
Nitrogen, Nitrate	ND	4	4.66	117	Q	4.68	117	Q	90-110	0		15
Sulfate	107.	80	193	107		195	110		90-110	1		20
General Chemistry - Westborough Lab Associated sample(s): 01-06 QC Batch ID: WG1931342-4 QC Sample: L2431359-04 Client ID: MW-7R-20240605												
Sulfide	ND	0.44	0.28	64	Q	-	-		70-130	-		20
General Chemistry - Westborough Lab Associated sample(s): 01-06 QC Batch ID: WG1932370-4 QC Sample: L2431022-02 Client ID: MS Sample												
Total Organic Carbon	0.920	16	14.8	87		-	-		85-115	-		15
General Chemistry - Westborough Lab Associated sample(s): 01-06 QC Batch ID: WG1932370-6 QC Sample: L2431359-04 Client ID: MW-7R-20240605												
Total Organic Carbon	45.6	320	324	87		-	-		85-115	-		15
General Chemistry - Westborough Lab Associated sample(s): 01-03,05-06 QC Batch ID: WG1932476-4 QC Sample: L2431022-02 Client ID: MS Sample												
Alkalinity, Total	265.	100	282	17	Q	-	-		86-116	-		10
General Chemistry - Westborough Lab Associated sample(s): 04 QC Batch ID: WG1933186-4 QC Sample: L2431359-04 Client ID: MW-7R-20240605												
Alkalinity, Total	376.	200	487	55	Q	-	-		86-116	-		10

## Lab Duplicate Analysis

*Batch Quality Control*

Project Name: FORMER COYNE TEXTILE FACILITY

Project Number: 059294.003

Lab Number: L2431359

Report Date: 06/13/24

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-06 QC Batch ID: WG1930526-3 QC Sample: L2431359-04 Client ID: MW-7R-20240605						
Iron, Ferrous	1.0	1.0	mg/l	0		20
General Chemistry - Westborough Lab Associated sample(s): 01-06 QC Batch ID: WG1931342-3 QC Sample: L2431359-04 Client ID: MW-7R-20240605						
Sulfide	ND	ND	mg/l	NC		20
General Chemistry - Westborough Lab Associated sample(s): 01-06 QC Batch ID: WG1932370-3 QC Sample: L2431022-02 Client ID: DUP Sample						
Total Organic Carbon	0.920	1.03	mg/l	11		15
General Chemistry - Westborough Lab Associated sample(s): 01-06 QC Batch ID: WG1932370-5 QC Sample: L2431359-04 Client ID: MW-7R-20240605						
Total Organic Carbon	45.6	44.7	mg/l	2		15
General Chemistry - Westborough Lab Associated sample(s): 01-03,05-06 QC Batch ID: WG1932476-3 QC Sample: L2431022-02 Client ID: DUP Sample						
Alkalinity, Total	265.	265	mg CaCO3/L	0		10
General Chemistry - Westborough Lab Associated sample(s): 04 QC Batch ID: WG1933186-3 QC Sample: L2431359-04 Client ID: MW-7R-20240605						
Alkalinity, Total	376.	378	mg CaCO3/L	0		10

**Project Name:** FORMER COYNE TEXTILE FACILITY**Lab Number:** L2431359**Project Number:** 059294.003**Report Date:** 06/13/24**Sample Receipt and Container Information**

Were project specific reporting limits specified?

YES

**Cooler Information**

<b>Cooler</b>	<b>Custody Seal</b>
A	Absent
B	Absent

**Container Information**

<b>Container ID</b>	<b>Container Type</b>	<b>Cooler</b>	<b>Initial pH</b>	<b>Final pH</b>	<b>Temp deg C</b>	<b>Pres</b>	<b>Seal</b>	<b>Frozen Date/Time</b>	<b>Analysis(*)</b>
L2431359-01A	Vial HCl preserved	B	NA		4.6	Y	Absent		NYTCL-8260-R2(14)
L2431359-01B	Vial HCl preserved	B	NA		4.6	Y	Absent		NYTCL-8260-R2(14)
L2431359-01C	Vial HCl preserved	B	NA		4.6	Y	Absent		NYTCL-8260-R2(14)
L2431359-01D	Vial H2SO4 preserved	A	NA		3.7	Y	Absent		TOC-5310(28)
L2431359-01E	Vial H2SO4 preserved	A	NA		3.7	Y	Absent		TOC-5310(28)
L2431359-01F	Vial HCl preserved	A	NA		3.7	Y	Absent		DISSGAS(14)
L2431359-01G	Vial HCl preserved	A	NA		3.7	Y	Absent		DISSGAS(14)
L2431359-01H	Vial unpreserved 20ml	A	NA		3.7	Y	Absent		DISSGAS-CO2(7)
L2431359-01I	Vial unpreserved 20ml	A	NA		3.7	Y	Absent		DISSGAS-CO2(7)
L2431359-01J	Plastic 250ml unpreserved/No Headspace	A	NA		3.7	Y	Absent		ALK-T-2320(14)
L2431359-01K	Plastic 250ml unpreserved	A	7	7	3.7	Y	Absent		SO4-300(28),CL-300(28),NO3-300(2),FERROUS(1)
L2431359-01L	Plastic 250ml HNO3 preserved	A	<2	<2	3.7	Y	Absent		FE-TI(180)
L2431359-01M	Plastic 250ml Zn Acetate/NaOH preserved	A	>9	>9	3.7	Y	Absent		SULFIDE-4500(7)
L2431359-01N	Plastic 250ml Zn Acetate/NaOH preserved	A	>9	>9	3.7	Y	Absent		SULFIDE-4500(7)
L2431359-02A	Vial HCl preserved	B	NA		4.6	Y	Absent		NYTCL-8260-R2(14)
L2431359-02B	Vial HCl preserved	B	NA		4.6	Y	Absent		NYTCL-8260-R2(14)
L2431359-02C	Vial HCl preserved	B	NA		4.6	Y	Absent		NYTCL-8260-R2(14)
L2431359-02D	Vial H2SO4 preserved	A	NA		3.7	Y	Absent		TOC-5310(28)
L2431359-02E	Vial H2SO4 preserved	A	NA		3.7	Y	Absent		TOC-5310(28)
L2431359-02F	Vial HCl preserved	A	NA		3.7	Y	Absent		DISSGAS(14)
L2431359-02G	Vial HCl preserved	A	NA		3.7	Y	Absent		DISSGAS(14)
L2431359-02H	Vial unpreserved 20ml	A	NA		3.7	Y	Absent		DISSGAS-CO2(7)

**Project Name:** FORMER COYNE TEXTILE FACILITY**Lab Number:** L2431359**Project Number:** 059294.003**Report Date:** 06/13/24**Container Information**

<b>Container ID</b>	<b>Container Type</b>	<b>Cooler</b>	<b>Initial pH</b>	<b>Final pH</b>	<b>Temp deg C</b>	<b>Pres</b>	<b>Seal</b>	<b>Frozen Date/Time</b>	<b>Analysis(*)</b>
L2431359-02I	Vial unpreserved 20ml	A	NA		3.7	Y	Absent		DISSGAS-CO2(7)
L2431359-02J	Plastic 250ml unpreserved/No Headspace	A	NA		3.7	Y	Absent		ALK-T-2320(14)
L2431359-02K	Plastic 250ml unpreserved	A	7	7	3.7	Y	Absent		SO4-300(28),CL-300(28),NO3-300(2),FERROUS(1)
L2431359-02L	Plastic 250ml HNO3 preserved	A	<2	<2	3.7	Y	Absent		FE-TI(180)
L2431359-02M	Plastic 250ml Zn Acetate/NaOH preserved	A	>9	>9	3.7	Y	Absent		SULFIDE-4500(7)
L2431359-02N	Plastic 250ml Zn Acetate/NaOH preserved	A	>9	>9	3.7	Y	Absent		SULFIDE-4500(7)
L2431359-03A	Vial HCl preserved	B	NA		4.6	Y	Absent		NYTCL-8260-R2(14)
L2431359-03B	Vial HCl preserved	B	NA		4.6	Y	Absent		NYTCL-8260-R2(14)
L2431359-03C	Vial HCl preserved	B	NA		4.6	Y	Absent		NYTCL-8260-R2(14)
L2431359-03D	Vial H2SO4 preserved	A	NA		3.7	Y	Absent		TOC-5310(28)
L2431359-03E	Vial H2SO4 preserved	A	NA		3.7	Y	Absent		TOC-5310(28)
L2431359-03F	Vial HCl preserved	A	NA		3.7	Y	Absent		DISSGAS(14)
L2431359-03G	Vial HCl preserved	A	NA		3.7	Y	Absent		DISSGAS(14)
L2431359-03H	Vial unpreserved 20ml	A	NA		3.7	Y	Absent		DISSGAS-CO2(7)
L2431359-03I	Vial unpreserved 20ml	A	NA		3.7	Y	Absent		DISSGAS-CO2(7)
L2431359-03J	Plastic 250ml unpreserved/No Headspace	A	NA		3.7	Y	Absent		ALK-T-2320(14)
L2431359-03K	Plastic 250ml unpreserved	A	7	7	3.7	Y	Absent		SO4-300(28),CL-300(28),NO3-300(2),FERROUS(1)
L2431359-03L	Plastic 250ml HNO3 preserved	A	<2	<2	3.7	Y	Absent		FE-TI(180)
L2431359-03M	Plastic 250ml Zn Acetate/NaOH preserved	A	>9	>9	3.7	Y	Absent		SULFIDE-4500(7)
L2431359-03N	Plastic 250ml Zn Acetate/NaOH preserved	A	>9	>9	3.7	Y	Absent		SULFIDE-4500(7)
L2431359-04A	Vial HCl preserved	B	NA		4.6	Y	Absent		NYTCL-8260-R2(14)
L2431359-04A1	Vial HCl preserved	B	NA		4.6	Y	Absent		NYTCL-8260-R2(14)
L2431359-04A2	Vial HCl preserved	B	NA		4.6	Y	Absent		NYTCL-8260-R2(14)
L2431359-04B	Vial HCl preserved	B	NA		4.6	Y	Absent		NYTCL-8260-R2(14)
L2431359-04B1	Vial HCl preserved	B	NA		4.6	Y	Absent		NYTCL-8260-R2(14)
L2431359-04B2	Vial HCl preserved	B	NA		4.6	Y	Absent		NYTCL-8260-R2(14)
L2431359-04C	Vial HCl preserved	B	NA		4.6	Y	Absent		NYTCL-8260-R2(14)
L2431359-04C1	Vial HCl preserved	B	NA		4.6	Y	Absent		NYTCL-8260-R2(14)

**Project Name:** FORMER COYNE TEXTILE FACILITY**Lab Number:** L2431359**Project Number:** 059294.003**Report Date:** 06/13/24**Container Information**

<b>Container ID</b>	<b>Container Type</b>	<b>Cooler</b>	<b>Initial pH</b>	<b>Final pH</b>	<b>Temp deg C</b>	<b>Pres</b>	<b>Seal</b>	<b>Frozen Date/Time</b>	<b>Analysis(*)</b>
L2431359-04C2	Vial HCl preserved	B	NA		4.6	Y	Absent		NYTCL-8260-R2(14)
L2431359-04D	Vial H2SO4 preserved	A	NA		3.7	Y	Absent		TOC-5310(28)
L2431359-04D1	Vial H2SO4 preserved	A	NA		3.7	Y	Absent		TOC-5310(28)
L2431359-04D2	Vial H2SO4 preserved	A	NA		3.7	Y	Absent		TOC-5310(28)
L2431359-04E	Vial H2SO4 preserved	A	NA		3.7	Y	Absent		TOC-5310(28)
L2431359-04E1	Vial H2SO4 preserved	A	NA		3.7	Y	Absent		TOC-5310(28)
L2431359-04E2	Vial H2SO4 preserved	A	NA		3.7	Y	Absent		TOC-5310(28)
L2431359-04F	Vial HCl preserved	A	NA		3.7	Y	Absent		DISSGAS(14)
L2431359-04F1	Vial HCl preserved	A	NA		3.7	Y	Absent		DISSGAS(14)
L2431359-04F2	Vial HCl preserved	A	NA		3.7	Y	Absent		DISSGAS(14)
L2431359-04G	Vial HCl preserved	A	NA		3.7	Y	Absent		DISSGAS(14)
L2431359-04G1	Vial HCl preserved	A	NA		3.7	Y	Absent		DISSGAS(14)
L2431359-04G2	Vial HCl preserved	A	NA		3.7	Y	Absent		DISSGAS(14)
L2431359-04H	Vial unpreserved 20ml	A	NA		3.7	Y	Absent		DISSGAS-CO2(7)
L2431359-04H1	Vial unpreserved 20ml	A	NA		3.7	Y	Absent		DISSGAS-CO2(7)
L2431359-04H2	Vial unpreserved 20ml	A	NA		3.7	Y	Absent		DISSGAS-CO2(7)
L2431359-04I	Vial unpreserved 20ml	A	NA		3.7	Y	Absent		DISSGAS-CO2(7)
L2431359-04I1	Vial unpreserved 20ml	A	NA		3.7	Y	Absent		DISSGAS-CO2(7)
L2431359-04I2	Vial unpreserved 20ml	A	NA		3.7	Y	Absent		DISSGAS-CO2(7)
L2431359-04J	Plastic 250ml unpreserved/No Headspace	A	NA		3.7	Y	Absent		ALK-T-2320(14)
L2431359-04J1	Plastic 250ml unpreserved/No Headspace	A	NA		3.7	Y	Absent		ALK-T-2320(14)
L2431359-04J2	Plastic 250ml unpreserved/No Headspace	A	NA		3.7	Y	Absent		ALK-T-2320(14)
L2431359-04K	Plastic 250ml unpreserved	A	7	7	3.7	Y	Absent		SO4-300(28),CL-300(28),NO3-300(2),FERROUS(1)
L2431359-04K1	Plastic 250ml unpreserved	A	7	7	3.7	Y	Absent		SO4-300(28),CL-300(28),NO3-300(2),FERROUS(1)
L2431359-04K2	Plastic 250ml unpreserved	A	7	7	3.7	Y	Absent		SO4-300(28),CL-300(28),NO3-300(2),FERROUS(1)
L2431359-04L	Plastic 250ml HNO3 preserved	A	<2	<2	3.7	Y	Absent		FE-TI(180)
L2431359-04L1	Plastic 250ml HNO3 preserved	A	<2	<2	3.7	Y	Absent		FE-TI(180)

**Project Name:** FORMER COYNE TEXTILE FACILITY**Lab Number:** L2431359**Project Number:** 059294.003**Report Date:** 06/13/24**Container Information**

<b>Container ID</b>	<b>Container Type</b>	<b>Cooler</b>	<b>Initial pH</b>	<b>Final pH</b>	<b>Temp deg C</b>	<b>Pres</b>	<b>Seal</b>	<b>Frozen Date/Time</b>	<b>Analysis(*)</b>
L2431359-04L2	Plastic 250ml HNO3 preserved	A	<2	<2	3.7	Y	Absent		FE-TI(180)
L2431359-04M	Plastic 250ml Zn Acetate/NaOH preserved	A	>9	>9	3.7	Y	Absent		SULFIDE-4500(7)
L2431359-04M1	Plastic 250ml Zn Acetate/NaOH preserved	A	>9	>9	3.7	Y	Absent		SULFIDE-4500(7)
L2431359-04M2	Plastic 250ml Zn Acetate/NaOH preserved	A	>9	>9	3.7	Y	Absent		SULFIDE-4500(7)
L2431359-04N	Plastic 250ml Zn Acetate/NaOH preserved	A	>9	>9	3.7	Y	Absent		SULFIDE-4500(7)
L2431359-04N1	Plastic 250ml Zn Acetate/NaOH preserved	A	>9	>9	3.7	Y	Absent		SULFIDE-4500(7)
L2431359-04N2	Plastic 250ml Zn Acetate/NaOH preserved	A	>9	>9	3.7	Y	Absent		SULFIDE-4500(7)
L2431359-05A	Vial HCl preserved	B	NA		4.6	Y	Absent		NYTCL-8260-R2(14)
L2431359-05B	Vial HCl preserved	B	NA		4.6	Y	Absent		NYTCL-8260-R2(14)
L2431359-05C	Vial HCl preserved	B	NA		4.6	Y	Absent		NYTCL-8260-R2(14)
L2431359-05D	Vial H2SO4 preserved	B	NA		4.6	Y	Absent		TOC-5310(28)
L2431359-05E	Vial H2SO4 preserved	B	NA		4.6	Y	Absent		TOC-5310(28)
L2431359-05F	Vial HCl preserved	B	NA		4.6	Y	Absent		DISSGAS(14)
L2431359-05G	Vial HCl preserved	B	NA		4.6	Y	Absent		DISSGAS(14)
L2431359-05H	Vial unpreserved 20ml	B	NA		4.6	Y	Absent		DISSGAS-CO2(7)
L2431359-05I	Vial unpreserved 20ml	B	NA		4.6	Y	Absent		DISSGAS-CO2(7)
L2431359-05J	Plastic 250ml unpreserved/No Headspace	B	NA		4.6	Y	Absent		ALK-T-2320(14)
L2431359-05K	Plastic 250ml unpreserved	B	7	7	4.6	Y	Absent		SO4-300(28),CL-300(28),NO3-300(2),FERROUS(1)
L2431359-05L	Plastic 250ml HNO3 preserved	B	<2	<2	4.6	Y	Absent		FE-TI(180)
L2431359-05M	Plastic 250ml Zn Acetate/NaOH preserved	B	>9	>9	4.6	Y	Absent		SULFIDE-4500(7)
L2431359-05N	Plastic 250ml Zn Acetate/NaOH preserved	B	>9	>9	4.6	Y	Absent		SULFIDE-4500(7)
L2431359-06A	Vial HCl preserved	B	NA		4.6	Y	Absent		NYTCL-8260-R2(14)
L2431359-06B	Vial HCl preserved	B	NA		4.6	Y	Absent		NYTCL-8260-R2(14)
L2431359-06C	Vial HCl preserved	B	NA		4.6	Y	Absent		NYTCL-8260-R2(14)
L2431359-06D	Vial H2SO4 preserved	B	NA		4.6	Y	Absent		TOC-5310(28)
L2431359-06E	Vial H2SO4 preserved	B	NA		4.6	Y	Absent		TOC-5310(28)
L2431359-06F	Vial HCl preserved	B	NA		4.6	Y	Absent		DISSGAS(14)
L2431359-06G	Vial HCl preserved	B	NA		4.6	Y	Absent		DISSGAS(14)

**Project Name:** FORMER COYNE TEXTILE FACILITY  
**Project Number:** 059294.003

**Serial\_No:**06132419:39  
**Lab Number:** L2431359  
**Report Date:** 06/13/24

**Container Information**

<b>Container ID</b>	<b>Container Type</b>	<b>Cooler</b>	<b>Initial pH</b>	<b>Final pH</b>	<b>Temp deg C</b>	<b>Pres</b>	<b>Seal</b>	<b>Frozen Date/Time</b>	<b>Analysis(*)</b>
L2431359-06H	Vial unpreserved 20ml	B	NA		4.6	Y	Absent		DISSGAS-CO2(7)
L2431359-06I	Vial unpreserved 20ml	B	NA		4.6	Y	Absent		DISSGAS-CO2(7)
L2431359-06J	Plastic 250ml unpreserved/No Headspace	B	NA		4.6	Y	Absent		ALK-T-2320(14)
L2431359-06K	Plastic 250ml unpreserved	B	7	7	4.6	Y	Absent		SO4-300(28),CL-300(28),NO3-300(2),FERROUS(1)
L2431359-06L	Plastic 250ml HNO3 preserved	B	<2	<2	4.6	Y	Absent		FE-TI(180)
L2431359-06M	Plastic 250ml Zn Acetate/NaOH preserved	B	>9	>9	4.6	Y	Absent		SULFIDE-4500(7)
L2431359-06N	Plastic 250ml Zn Acetate/NaOH preserved	B	>9	>9	4.6	Y	Absent		SULFIDE-4500(7)
L2431359-07A	Vial HCl preserved	B	NA		4.6	Y	Absent		NYTCL-8260-R2(14)
L2431359-07B	Vial HCl preserved	B	NA		4.6	Y	Absent		NYTCL-8260-R2(14)

\*Values in parentheses indicate holding time in days



**Project Name:** FORMER COYNE TEXTILE FACILITY  
**Project Number:** 059294.003

**Lab Number:** L2431359  
**Report Date:** 06/13/24

## GLOSSARY

### Acronyms

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

Report Format: DU Report with 'J' Qualifiers



**Project Name:** FORMER COYNE TEXTILE FACILITY  
**Project Number:** 059294.003

**Lab Number:** L2431359  
**Report Date:** 06/13/24

### Footnotes

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

### Terms

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

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

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

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

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

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

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

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

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

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

### Data Qualifiers

- A** - Spectra identified as "Aldol Condensates" are byproducts of the extraction/concentration procedures when acetone is introduced in the process.
- B** - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).
- C** - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.
- D** - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.
- E** - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.
- F** - The ratio of quantifier ion response to qualifier ion response falls outside of the laboratory criteria. Results are considered to be an estimated maximum concentration.
- G** - The concentration may be biased high due to matrix interferences (i.e. co-elution) with non-target compound(s). The result should be considered estimated.
- H** - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.
- I** - The lower value for the two columns has been reported due to obvious interference.
- J** - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively

Report Format: DU Report with 'J' Qualifiers



**Project Name:** FORMER COYNE TEXTILE FACILITY  
**Project Number:** 059294.003

**Lab Number:** L2431359  
**Report Date:** 06/13/24

#### Data Qualifiers

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

- M** - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.
- ND** - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.
- NJ** - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.
- P** - The RPD between the results for the two columns exceeds the method-specified criteria.
- Q** - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)
- R** - Analytical results are from sample re-analysis.
- RE** - Analytical results are from sample re-extraction.
- S** - Analytical results are from modified screening analysis.
- V** - The surrogate associated with this target analyte has a recovery outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)
- Z** - The batch matrix spike and/or duplicate associated with this target analyte has a recovery/RPD outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

**Project Name:** FORMER COYNE TEXTILE FACILITY  
**Project Number:** 059294.003

**Lab Number:** L2431359  
**Report Date:** 06/13/24

## REFERENCES

- 1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - VI, 2018.
- 44 Methods for the Determination of Inorganic Substances in Environmental Samples, EPA/600/R-93/100, August 1993.
- 107 Alpha Analytical - In-house calculation method.
- 117 Technical Guidance for the Natural Attenuation Indicators: Methane, Ethane, and Ethene, EPA-NE, Revision 1, February 21, 2002 and Sample Preparation & Calculations for Dissolved Gas Analysis in Water Samples using a GC Headspace Equilibration Technique, EPA RSKSOP-175, Revision 2, May 2004.
- 121 Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WEF. Standard Methods Online.

## LIMITATION OF LIABILITIES

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

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



## Certification Information

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

### Westborough Facility

**EPA 624.1:** m/p-xylene, o-xylene, Naphthalene

**EPA 625.1:** alpha-Terpineol

**EPA 8260D:** NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.

**EPA 8270E:** NPW: Dimethylnaphthalene,1,4-Diphenylhydrazine, alpha-Terpineol, Azobenzene; SCM: Dimethylnaphthalene,1,4-Diphenylhydrazine.

**SM4500:** NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO<sub>2</sub>, NO<sub>3</sub>.

### Mansfield Facility

**SM 2540D:** TSS.

**EPA TO-15:** Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene,

3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.

**Nonpotable Water:** EPA RSK-175 Dissolved Gases

**Biological Tissue Matrix:** EPA 3050B

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

### Westborough Facility:

#### Drinking Water

**EPA 300.0:** Chloride, Nitrate-N, Fluoride, Sulfate; **EPA 353.2:** Nitrate-N, Nitrite-N; **SM4500NO3-F:** Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE,**

**EPA 180.1, SM2130B, SM4500Cl-D, SM2320B, SM2540C, SM4500H-B, SM4500NO2-B**

**EPA 524.2:** THMs and VOCs; **EPA 504.1:** EDB, DBCP.

**Microbiology:** SM9215B; SM9223-P/A, SM9223B-Colilert-QT, SM9222D.

#### Non-Potable Water

**SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH:** Ammonia-N and Kjeldahl-N, **EPA 350.1:**

Ammonia-N, **LACHAT 10-107-06-1-B:** Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2:** Nitrate-N, **SM4500P-E, SM4500P-B, E, SM4500SO4-E,**

**SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D, EPA 300:** Chloride, Sulfate, Nitrate.

**EPA 624.1:** Volatile Halocarbons & Aromatics,

**EPA 608.3:** Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II,

Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs

**EPA 625.1:** SVOC (Acid/Base/Neutral Extractables).

**Microbiology:** SM9223B-Colilert-QT; Enterolert-QT, EPA 1600, EPA 1603, SM9222D.

### Mansfield Facility:

#### Drinking Water

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

**EPA 522, EPA 537.1.**

#### Non-Potable Water

**EPA 200.7:** Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.

**EPA 200.8:** Al, Sb, As, Be, Cd, Cr, Cu, Fe, Pb, Mn, Ni, K, Se, Ag, Na, TL, Zn.

**EPA 245.1** Hg.

**SM2340B**

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





## ANALYTICAL REPORT

Lab Number:	L2448084
Client:	CHA Companies One Park Place 300 South State St., Suite 600 Syracuse, NY 13202
ATTN:	Samantha Miller
Phone:	(315) 471-3920
Project Name:	FORMER CAYNE TEXTILE
Project Number:	059294.003
Report Date:	09/09/24

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

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

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



**Project Name:** FORMER CAYNE TEXTILE  
**Project Number:** 059294.003

**Lab Number:** L2448084  
**Report Date:** 09/09/24

<b>Alpha Sample ID</b>	<b>Client ID</b>	<b>Matrix</b>	<b>Sample Location</b>	<b>Collection Date/Time</b>	<b>Receive Date</b>
L2448084-01	MW-5R-20240822	WATER	SYRACUSE, NY	08/22/24 08:50	08/22/24
L2448084-02	MW-6R-20240822	WATER	SYRACUSE, NY	08/22/24 09:55	08/22/24
L2448084-03	MW-7R-20240822	WATER	SYRACUSE, NY	08/22/24 11:00	08/22/24
L2448084-04	MW-4-20240822	WATER	SYRACUSE, NY	08/22/24 12:25	08/22/24
L2448084-05	MW-105D-20240822	WATER	SYRACUSE, NY	08/22/24 13:55	08/22/24
L2448084-06	CHA-1-20240822	WATER	SYRACUSE, NY	08/22/24 09:00	08/22/24
L2448084-07	TRIP BLANK	WATER	SYRACUSE, NY	08/22/24 00:00	08/22/24

**Project Name:** FORMER CAYNE TEXTILE  
**Project Number:** 059294.003

**Lab Number:** L2448084  
**Report Date:** 09/09/24

### Case Narrative

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

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

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

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

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

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

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**Project Name:** FORMER CAYNE TEXTILE  
**Project Number:** 059294.003

**Lab Number:** L2448084  
**Report Date:** 09/09/24

### Case Narrative (continued)

#### Report Submission

September 09, 2024: This final report includes the results of all requested analyses.

September 03, 2024: This is a preliminary report.

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

The analyses of Dissolved Gases and Sulfide were subcontracted. A copy of the laboratory report is included as an addendum. Please note: This data is only available in PDF format and is not available on Data Merger.

#### Anions by Ion Chromatography

The WG1963100-3/-4 MS/MSD recoveries, performed on L2448084-03, are outside the acceptance criteria for nitrogen, nitrate (116%/116%) and chloride (67%/68%); however, the associated LCS recoveries are within criteria. No further action was taken.

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

Authorized Signature:  Tiffani Morrissey

Title: Technical Director/Representative

Date: 09/09/24

# ORGANICS

# VOLATILES

**Project Name:** FORMER CAYNE TEXTILE  
**Project Number:** 059294.003

**Lab Number:** L2448084  
**Report Date:** 09/09/24

**SAMPLE RESULTS**

Lab ID: L2448084-01  
 Client ID: MW-5R-20240822  
 Sample Location: SYRACUSE, NY

Date Collected: 08/22/24 08:50  
 Date Received: 08/22/24  
 Field Prep: Not Specified

Sample Depth:

Matrix: Water  
 Analytical Method: 1,8260D  
 Analytical Date: 08/26/24 19:45  
 Analyst: MJV

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Volatile Organics by GC/MS - Westborough Lab</b>						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	20		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	0.63		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	200		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Trichloroethene	5.9		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1

**Project Name:** FORMER CAYNE TEXTILE  
**Project Number:** 059294.003

**Lab Number:** L2448084  
**Report Date:** 09/09/24

**SAMPLE RESULTS**

Lab ID: L2448084-01  
 Client ID: MW-5R-20240822  
 Sample Location: SYRACUSE, NY

Date Collected: 08/22/24 08:50  
 Date Received: 08/22/24  
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Volatile Organics by GC/MS - Westborough Lab</b>						
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.17	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	22		ug/l	2.5	0.70	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl Acetate	ND		ug/l	2.0	0.23	1
Cyclohexane	ND		ug/l	10	0.27	1
1,4-Dioxane	ND		ug/l	250	61.	1
Freon-113	ND		ug/l	2.5	0.70	1
Methyl cyclohexane	ND		ug/l	10	0.40	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	99		70-130
Toluene-d8	99		70-130
4-Bromofluorobenzene	92		70-130
Dibromofluoromethane	105		70-130

**Project Name:** FORMER CAYNE TEXTILE  
**Project Number:** 059294.003

**Lab Number:** L2448084  
**Report Date:** 09/09/24

**SAMPLE RESULTS**

Lab ID: L2448084-01  
 Client ID: MW-5R-20240822  
 Sample Location: SYRACUSE, NY

Date Collected: 08/22/24 08:50  
 Date Received: 08/22/24  
 Field Prep: Not Specified

Sample Depth:  
 Matrix: Water  
 Analytical Method: 117,-  
 Analytical Date: 08/28/24 08:24  
 Analyst: SRO

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Dissolved Gases by GC - Mansfield Lab						
Carbon Dioxide	26.3		mg/l	3.00	3.00	1

**Project Name:** FORMER CAYNE TEXTILE  
**Project Number:** 059294.003

**Lab Number:** L2448084  
**Report Date:** 09/09/24

**SAMPLE RESULTS**

Lab ID: L2448084-02  
 Client ID: MW-6R-20240822  
 Sample Location: SYRACUSE, NY

Date Collected: 08/22/24 09:55  
 Date Received: 08/22/24  
 Field Prep: Not Specified

Sample Depth:  
 Matrix: Water  
 Analytical Method: 117,-  
 Analytical Date: 08/28/24 08:42  
 Analyst: SRO

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Dissolved Gases by GC - Mansfield Lab						
Carbon Dioxide	67.2		mg/l	3.00	3.00	1

**Project Name:** FORMER CAYNE TEXTILE  
**Project Number:** 059294.003

**Lab Number:** L2448084  
**Report Date:** 09/09/24

**SAMPLE RESULTS**

Lab ID: L2448084-02 D2  
 Client ID: MW-6R-20240822  
 Sample Location: SYRACUSE, NY

Date Collected: 08/22/24 09:55  
 Date Received: 08/22/24  
 Field Prep: Not Specified

Sample Depth:

Matrix: Water  
 Analytical Method: 1,8260D  
 Analytical Date: 08/27/24 15:25  
 Analyst: MAG

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Volatile Organics by GC/MS - Westborough Lab						
Vinyl chloride	1900		ug/l	50	3.6	50

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	103		70-130
Toluene-d8	92		70-130
4-Bromofluorobenzene	85		70-130
Dibromofluoromethane	106		70-130

**Project Name:** FORMER CAYNE TEXTILE  
**Project Number:** 059294.003

**Lab Number:** L2448084  
**Report Date:** 09/09/24

**SAMPLE RESULTS**

Lab ID: L2448084-02 D  
 Client ID: MW-6R-20240822  
 Sample Location: SYRACUSE, NY

Date Collected: 08/22/24 09:55  
 Date Received: 08/22/24  
 Field Prep: Not Specified

Sample Depth:

Matrix: Water  
 Analytical Method: 1,8260D  
 Analytical Date: 08/26/24 20:10  
 Analyst: MJV

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Volatile Organics by GC/MS - Westborough Lab</b>						
Methylene chloride	ND		ug/l	25	7.0	10
1,1-Dichloroethane	ND		ug/l	25	7.0	10
Chloroform	ND		ug/l	25	7.0	10
Carbon tetrachloride	ND		ug/l	5.0	1.3	10
1,2-Dichloropropane	ND		ug/l	10	1.4	10
Dibromochloromethane	ND		ug/l	5.0	1.5	10
1,1,2-Trichloroethane	ND		ug/l	15	5.0	10
Tetrachloroethene	5.0		ug/l	5.0	1.8	10
Chlorobenzene	ND		ug/l	25	7.0	10
Trichlorofluoromethane	ND		ug/l	25	7.0	10
1,2-Dichloroethane	ND		ug/l	5.0	1.3	10
1,1,1-Trichloroethane	ND		ug/l	25	7.0	10
Bromodichloromethane	ND		ug/l	5.0	1.9	10
trans-1,3-Dichloropropene	ND		ug/l	5.0	1.6	10
cis-1,3-Dichloropropene	ND		ug/l	5.0	1.4	10
Bromoform	ND		ug/l	20	6.5	10
1,1,2,2-Tetrachloroethane	ND		ug/l	5.0	1.7	10
Benzene	3.2	J	ug/l	5.0	1.6	10
Toluene	ND		ug/l	25	7.0	10
Ethylbenzene	ND		ug/l	25	7.0	10
Chloromethane	ND		ug/l	25	7.0	10
Bromomethane	ND		ug/l	25	7.0	10
Vinyl chloride	2500	E	ug/l	10	0.71	10
Chloroethane	ND		ug/l	25	7.0	10
1,1-Dichloroethene	ND		ug/l	5.0	1.7	10
trans-1,2-Dichloroethene	12	J	ug/l	25	7.0	10
Trichloroethene	7.6		ug/l	5.0	1.8	10
1,2-Dichlorobenzene	ND		ug/l	25	7.0	10

**Project Name:** FORMER CAYNE TEXTILE  
**Project Number:** 059294.003

**Lab Number:** L2448084  
**Report Date:** 09/09/24

**SAMPLE RESULTS**

Lab ID: L2448084-02 D  
 Client ID: MW-6R-20240822  
 Sample Location: SYRACUSE, NY

Date Collected: 08/22/24 09:55  
 Date Received: 08/22/24  
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Volatile Organics by GC/MS - Westborough Lab</b>						
1,3-Dichlorobenzene	ND		ug/l	25	7.0	10
1,4-Dichlorobenzene	ND		ug/l	25	7.0	10
Methyl tert butyl ether	ND		ug/l	25	1.7	10
p/m-Xylene	ND		ug/l	25	7.0	10
o-Xylene	ND		ug/l	25	7.0	10
cis-1,2-Dichloroethene	1300		ug/l	25	7.0	10
Styrene	ND		ug/l	25	7.0	10
Dichlorodifluoromethane	ND		ug/l	50	10.	10
Acetone	ND		ug/l	50	15.	10
Carbon disulfide	ND		ug/l	50	10.	10
2-Butanone	ND		ug/l	50	19.	10
4-Methyl-2-pentanone	ND		ug/l	50	10.	10
2-Hexanone	ND		ug/l	50	10.	10
Bromochloromethane	ND		ug/l	25	7.0	10
1,2-Dibromoethane	ND		ug/l	20	6.5	10
1,2-Dibromo-3-chloropropane	ND		ug/l	25	7.0	10
Isopropylbenzene	ND		ug/l	25	7.0	10
1,2,3-Trichlorobenzene	ND		ug/l	25	7.0	10
1,2,4-Trichlorobenzene	ND		ug/l	25	7.0	10
Methyl Acetate	ND		ug/l	20	2.3	10
Cyclohexane	ND		ug/l	100	2.7	10
1,4-Dioxane	ND		ug/l	2500	610	10
Freon-113	ND		ug/l	25	7.0	10
Methyl cyclohexane	ND		ug/l	100	4.0	10

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	104		70-130
Toluene-d8	98		70-130
4-Bromofluorobenzene	94		70-130
Dibromofluoromethane	108		70-130

**Project Name:** FORMER CAYNE TEXTILE  
**Project Number:** 059294.003

**Lab Number:** L2448084  
**Report Date:** 09/09/24

**SAMPLE RESULTS**

Lab ID: L2448084-03  
 Client ID: MW-7R-20240822  
 Sample Location: SYRACUSE, NY

Date Collected: 08/22/24 11:00  
 Date Received: 08/22/24  
 Field Prep: Not Specified

Sample Depth:

Matrix: Water  
 Analytical Method: 117,-  
 Analytical Date: 08/28/24 07:24  
 Analyst: SRO

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Dissolved Gases by GC - Mansfield Lab						
Carbon Dioxide	42.6		mg/l	3.00	3.00	1

**Project Name:** FORMER CAYNE TEXTILE  
**Project Number:** 059294.003

**Lab Number:** L2448084  
**Report Date:** 09/09/24

**SAMPLE RESULTS**

Lab ID: L2448084-03 D  
 Client ID: MW-7R-20240822  
 Sample Location: SYRACUSE, NY

Date Collected: 08/22/24 11:00  
 Date Received: 08/22/24  
 Field Prep: Not Specified

Sample Depth:

Matrix: Water  
 Analytical Method: 1,8260D  
 Analytical Date: 08/26/24 20:34  
 Analyst: MJV

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Volatile Organics by GC/MS - Westborough Lab</b>						
Methylene chloride	ND		ug/l	25	7.0	10
1,1-Dichloroethane	ND		ug/l	25	7.0	10
Chloroform	ND		ug/l	25	7.0	10
Carbon tetrachloride	ND		ug/l	5.0	1.3	10
1,2-Dichloropropane	ND		ug/l	10	1.4	10
Dibromochloromethane	ND		ug/l	5.0	1.5	10
1,1,2-Trichloroethane	ND		ug/l	15	5.0	10
Tetrachloroethene	ND		ug/l	5.0	1.8	10
Chlorobenzene	ND		ug/l	25	7.0	10
Trichlorofluoromethane	ND		ug/l	25	7.0	10
1,2-Dichloroethane	ND		ug/l	5.0	1.3	10
1,1,1-Trichloroethane	ND		ug/l	25	7.0	10
Bromodichloromethane	ND		ug/l	5.0	1.9	10
trans-1,3-Dichloropropene	ND		ug/l	5.0	1.6	10
cis-1,3-Dichloropropene	ND		ug/l	5.0	1.4	10
Bromoform	ND		ug/l	20	6.5	10
1,1,2,2-Tetrachloroethane	ND		ug/l	5.0	1.7	10
Benzene	ND		ug/l	5.0	1.6	10
Toluene	ND		ug/l	25	7.0	10
Ethylbenzene	ND		ug/l	25	7.0	10
Chloromethane	ND		ug/l	25	7.0	10
Bromomethane	ND		ug/l	25	7.0	10
Vinyl chloride	390		ug/l	10	0.71	10
Chloroethane	ND		ug/l	25	7.0	10
1,1-Dichloroethene	3.2	J	ug/l	5.0	1.7	10
trans-1,2-Dichloroethene	ND		ug/l	25	7.0	10
Trichloroethene	ND		ug/l	5.0	1.8	10
1,2-Dichlorobenzene	ND		ug/l	25	7.0	10

**Project Name:** FORMER CAYNE TEXTILE  
**Project Number:** 059294.003

**Lab Number:** L2448084  
**Report Date:** 09/09/24

**SAMPLE RESULTS**

Lab ID: L2448084-03 D  
 Client ID: MW-7R-20240822  
 Sample Location: SYRACUSE, NY

Date Collected: 08/22/24 11:00  
 Date Received: 08/22/24  
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Volatile Organics by GC/MS - Westborough Lab</b>						
1,3-Dichlorobenzene	ND		ug/l	25	7.0	10
1,4-Dichlorobenzene	ND		ug/l	25	7.0	10
Methyl tert butyl ether	ND		ug/l	25	1.7	10
p/m-Xylene	ND		ug/l	25	7.0	10
o-Xylene	ND		ug/l	25	7.0	10
cis-1,2-Dichloroethene	850		ug/l	25	7.0	10
Styrene	ND		ug/l	25	7.0	10
Dichlorodifluoromethane	ND		ug/l	50	10.	10
Acetone	ND		ug/l	50	15.	10
Carbon disulfide	ND		ug/l	50	10.	10
2-Butanone	ND		ug/l	50	19.	10
4-Methyl-2-pentanone	ND		ug/l	50	10.	10
2-Hexanone	ND		ug/l	50	10.	10
Bromochloromethane	ND		ug/l	25	7.0	10
1,2-Dibromoethane	ND		ug/l	20	6.5	10
1,2-Dibromo-3-chloropropane	ND		ug/l	25	7.0	10
Isopropylbenzene	ND		ug/l	25	7.0	10
1,2,3-Trichlorobenzene	ND		ug/l	25	7.0	10
1,2,4-Trichlorobenzene	ND		ug/l	25	7.0	10
Methyl Acetate	ND		ug/l	20	2.3	10
Cyclohexane	ND		ug/l	100	2.7	10
1,4-Dioxane	ND		ug/l	2500	610	10
Freon-113	ND		ug/l	25	7.0	10
Methyl cyclohexane	ND		ug/l	100	4.0	10

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	102		70-130
Toluene-d8	99		70-130
4-Bromofluorobenzene	90		70-130
Dibromofluoromethane	109		70-130

**Project Name:** FORMER CAYNE TEXTILE  
**Project Number:** 059294.003

**Lab Number:** L2448084  
**Report Date:** 09/09/24

**SAMPLE RESULTS**

Lab ID: L2448084-04  
 Client ID: MW-4-20240822  
 Sample Location: SYRACUSE, NY

Date Collected: 08/22/24 12:25  
 Date Received: 08/22/24  
 Field Prep: Not Specified

Sample Depth:

Matrix: Water  
 Analytical Method: 1,8260D  
 Analytical Date: 08/26/24 20:59  
 Analyst: MJV

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Volatile Organics by GC/MS - Westborough Lab</b>						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	0.50		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	120		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1

**Project Name:** FORMER CAYNE TEXTILE  
**Project Number:** 059294.003

**Lab Number:** L2448084  
**Report Date:** 09/09/24

**SAMPLE RESULTS**

Lab ID: L2448084-04  
 Client ID: MW-4-20240822  
 Sample Location: SYRACUSE, NY

Date Collected: 08/22/24 12:25  
 Date Received: 08/22/24  
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Volatile Organics by GC/MS - Westborough Lab</b>						
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.17	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	51		ug/l	2.5	0.70	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl Acetate	ND		ug/l	2.0	0.23	1
Cyclohexane	ND		ug/l	10	0.27	1
1,4-Dioxane	ND		ug/l	250	61.	1
Freon-113	ND		ug/l	2.5	0.70	1
Methyl cyclohexane	ND		ug/l	10	0.40	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	101		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	89		70-130
Dibromofluoromethane	106		70-130

**Project Name:** FORMER CAYNE TEXTILE  
**Project Number:** 059294.003

**Lab Number:** L2448084  
**Report Date:** 09/09/24

**SAMPLE RESULTS**

Lab ID: L2448084-04  
 Client ID: MW-4-20240822  
 Sample Location: SYRACUSE, NY

Date Collected: 08/22/24 12:25  
 Date Received: 08/22/24  
 Field Prep: Not Specified

Sample Depth:

Matrix: Water  
 Analytical Method: 117,-  
 Analytical Date: 08/28/24 09:00  
 Analyst: SRO

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Dissolved Gases by GC - Mansfield Lab						
Carbon Dioxide	32.9		mg/l	3.00	3.00	1

**Project Name:** FORMER CAYNE TEXTILE  
**Project Number:** 059294.003

**Lab Number:** L2448084  
**Report Date:** 09/09/24

**SAMPLE RESULTS**

Lab ID: L2448084-05  
 Client ID: MW-105D-20240822  
 Sample Location: SYRACUSE, NY

Date Collected: 08/22/24 13:55  
 Date Received: 08/22/24  
 Field Prep: Not Specified

Sample Depth:

Matrix: Water  
 Analytical Method: 1,8260D  
 Analytical Date: 08/26/24 21:23  
 Analyst: MJV

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Volatile Organics by GC/MS - Westborough Lab</b>						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	2.3		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1

**Project Name:** FORMER CAYNE TEXTILE  
**Project Number:** 059294.003

**Lab Number:** L2448084  
**Report Date:** 09/09/24

**SAMPLE RESULTS**

Lab ID: L2448084-05  
 Client ID: MW-105D-20240822  
 Sample Location: SYRACUSE, NY

Date Collected: 08/22/24 13:55  
 Date Received: 08/22/24  
 Field Prep: Not Specified

Sample Depth:

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

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	102		70-130
Toluene-d8	99		70-130
4-Bromofluorobenzene	91		70-130
Dibromofluoromethane	110		70-130

**Project Name:** FORMER CAYNE TEXTILE  
**Project Number:** 059294.003

**Lab Number:** L2448084  
**Report Date:** 09/09/24

**SAMPLE RESULTS**

Lab ID: L2448084-05  
 Client ID: MW-105D-20240822  
 Sample Location: SYRACUSE, NY

Date Collected: 08/22/24 13:55  
 Date Received: 08/22/24  
 Field Prep: Not Specified

Sample Depth:  
 Matrix: Water  
 Analytical Method: 117,-  
 Analytical Date: 08/28/24 09:18  
 Analyst: SRO

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Dissolved Gases by GC - Mansfield Lab						
Carbon Dioxide	55.2		mg/l	3.00	3.00	1

**Project Name:** FORMER CAYNE TEXTILE  
**Project Number:** 059294.003

**Lab Number:** L2448084  
**Report Date:** 09/09/24

**SAMPLE RESULTS**

Lab ID: L2448084-06  
 Client ID: CHA-1-20240822  
 Sample Location: SYRACUSE, NY

Date Collected: 08/22/24 09:00  
 Date Received: 08/22/24  
 Field Prep: Not Specified

Sample Depth:

Matrix: Water  
 Analytical Method: 117,-  
 Analytical Date: 08/28/24 09:36  
 Analyst: SRO

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Dissolved Gases by GC - Mansfield Lab						
Carbon Dioxide	66.6		mg/l	3.00	3.00	1

**Project Name:** FORMER CAYNE TEXTILE  
**Project Number:** 059294.003

**Lab Number:** L2448084  
**Report Date:** 09/09/24

**SAMPLE RESULTS**

Lab ID: L2448084-06 D2  
 Client ID: CHA-1-20240822  
 Sample Location: SYRACUSE, NY

Date Collected: 08/22/24 09:00  
 Date Received: 08/22/24  
 Field Prep: Not Specified

Sample Depth:

Matrix: Water  
 Analytical Method: 1,8260D  
 Analytical Date: 08/27/24 15:50  
 Analyst: MAG

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Volatile Organics by GC/MS - Westborough Lab						
Vinyl chloride	2000		ug/l	50	3.6	50

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	105		70-130
Toluene-d8	92		70-130
4-Bromofluorobenzene	85		70-130
Dibromofluoromethane	106		70-130

**Project Name:** FORMER CAYNE TEXTILE  
**Project Number:** 059294.003

**Lab Number:** L2448084  
**Report Date:** 09/09/24

**SAMPLE RESULTS**

Lab ID: L2448084-06 D  
 Client ID: CHA-1-20240822  
 Sample Location: SYRACUSE, NY

Date Collected: 08/22/24 09:00  
 Date Received: 08/22/24  
 Field Prep: Not Specified

Sample Depth:

Matrix: Water  
 Analytical Method: 1,8260D  
 Analytical Date: 08/26/24 21:48  
 Analyst: MJV

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Volatile Organics by GC/MS - Westborough Lab</b>						
Methylene chloride	ND		ug/l	25	7.0	10
1,1-Dichloroethane	ND		ug/l	25	7.0	10
Chloroform	ND		ug/l	25	7.0	10
Carbon tetrachloride	ND		ug/l	5.0	1.3	10
1,2-Dichloropropane	ND		ug/l	10	1.4	10
Dibromochloromethane	ND		ug/l	5.0	1.5	10
1,1,2-Trichloroethane	ND		ug/l	15	5.0	10
Tetrachloroethene	5.4		ug/l	5.0	1.8	10
Chlorobenzene	ND		ug/l	25	7.0	10
Trichlorofluoromethane	ND		ug/l	25	7.0	10
1,2-Dichloroethane	ND		ug/l	5.0	1.3	10
1,1,1-Trichloroethane	ND		ug/l	25	7.0	10
Bromodichloromethane	ND		ug/l	5.0	1.9	10
trans-1,3-Dichloropropene	ND		ug/l	5.0	1.6	10
cis-1,3-Dichloropropene	ND		ug/l	5.0	1.4	10
Bromoform	ND		ug/l	20	6.5	10
1,1,2,2-Tetrachloroethane	ND		ug/l	5.0	1.7	10
Benzene	3.3	J	ug/l	5.0	1.6	10
Toluene	ND		ug/l	25	7.0	10
Ethylbenzene	ND		ug/l	25	7.0	10
Chloromethane	ND		ug/l	25	7.0	10
Bromomethane	ND		ug/l	25	7.0	10
Vinyl chloride	2400	E	ug/l	10	0.71	10
Chloroethane	ND		ug/l	25	7.0	10
1,1-Dichloroethene	ND		ug/l	5.0	1.7	10
trans-1,2-Dichloroethene	12	J	ug/l	25	7.0	10
Trichloroethene	9.0		ug/l	5.0	1.8	10
1,2-Dichlorobenzene	ND		ug/l	25	7.0	10

**Project Name:** FORMER CAYNE TEXTILE  
**Project Number:** 059294.003

**Lab Number:** L2448084  
**Report Date:** 09/09/24

**SAMPLE RESULTS**

Lab ID: L2448084-06 D  
 Client ID: CHA-1-20240822  
 Sample Location: SYRACUSE, NY

Date Collected: 08/22/24 09:00  
 Date Received: 08/22/24  
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Volatile Organics by GC/MS - Westborough Lab</b>						
1,3-Dichlorobenzene	ND		ug/l	25	7.0	10
1,4-Dichlorobenzene	ND		ug/l	25	7.0	10
Methyl tert butyl ether	ND		ug/l	25	1.7	10
p/m-Xylene	ND		ug/l	25	7.0	10
o-Xylene	ND		ug/l	25	7.0	10
cis-1,2-Dichloroethene	1300		ug/l	25	7.0	10
Styrene	ND		ug/l	25	7.0	10
Dichlorodifluoromethane	ND		ug/l	50	10.	10
Acetone	ND		ug/l	50	15.	10
Carbon disulfide	ND		ug/l	50	10.	10
2-Butanone	ND		ug/l	50	19.	10
4-Methyl-2-pentanone	ND		ug/l	50	10.	10
2-Hexanone	ND		ug/l	50	10.	10
Bromochloromethane	ND		ug/l	25	7.0	10
1,2-Dibromoethane	ND		ug/l	20	6.5	10
1,2-Dibromo-3-chloropropane	ND		ug/l	25	7.0	10
Isopropylbenzene	ND		ug/l	25	7.0	10
1,2,3-Trichlorobenzene	ND		ug/l	25	7.0	10
1,2,4-Trichlorobenzene	ND		ug/l	25	7.0	10
Methyl Acetate	ND		ug/l	20	2.3	10
Cyclohexane	ND		ug/l	100	2.7	10
1,4-Dioxane	ND		ug/l	2500	610	10
Freon-113	ND		ug/l	25	7.0	10
Methyl cyclohexane	ND		ug/l	100	4.0	10

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	101		70-130
Toluene-d8	99		70-130
4-Bromofluorobenzene	93		70-130
Dibromofluoromethane	109		70-130

**Project Name:** FORMER CAYNE TEXTILE  
**Project Number:** 059294.003

**Lab Number:** L2448084  
**Report Date:** 09/09/24

**SAMPLE RESULTS**

Lab ID: L2448084-07  
 Client ID: TRIP BLANK  
 Sample Location: SYRACUSE, NY

Date Collected: 08/22/24 00:00  
 Date Received: 08/22/24  
 Field Prep: Not Specified

Sample Depth:

Matrix: Water  
 Analytical Method: 1,8260D  
 Analytical Date: 08/26/24 22:12  
 Analyst: MJV

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

**Project Name:** FORMER CAYNE TEXTILE  
**Project Number:** 059294.003

**Lab Number:** L2448084  
**Report Date:** 09/09/24

**SAMPLE RESULTS**

**Lab ID:** L2448084-07  
**Client ID:** TRIP BLANK  
**Sample Location:** SYRACUSE, NY

**Date Collected:** 08/22/24 00:00  
**Date Received:** 08/22/24  
**Field Prep:** Not Specified

Sample Depth:

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

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	103		70-130
Toluene-d8	98		70-130
4-Bromofluorobenzene	89		70-130
Dibromofluoromethane	109		70-130

**Project Name:** FORMER CAYNE TEXTILE  
**Project Number:** 059294.003

**Lab Number:** L2448084  
**Report Date:** 09/09/24

**Method Blank Analysis**  
**Batch Quality Control**

Analytical Method: 1,8260D  
Analytical Date: 08/27/24 09:13  
Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 02,06 Batch: WG1964392-5					
Methylene chloride	ND		ug/l	2.5	0.70
1,1-Dichloroethane	ND		ug/l	2.5	0.70
Chloroform	ND		ug/l	2.5	0.70
Carbon tetrachloride	ND		ug/l	0.50	0.13
1,2-Dichloropropane	ND		ug/l	1.0	0.14
Dibromochloromethane	ND		ug/l	0.50	0.15
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50
Tetrachloroethene	ND		ug/l	0.50	0.18
Chlorobenzene	ND		ug/l	2.5	0.70
Trichlorofluoromethane	ND		ug/l	2.5	0.70
1,2-Dichloroethane	ND		ug/l	0.50	0.13
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70
Bromodichloromethane	ND		ug/l	0.50	0.19
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14
Bromoform	ND		ug/l	2.0	0.65
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17
Benzene	ND		ug/l	0.50	0.16
Toluene	ND		ug/l	2.5	0.70
Ethylbenzene	ND		ug/l	2.5	0.70
Chloromethane	ND		ug/l	2.5	0.70
Bromomethane	ND		ug/l	2.5	0.70
Vinyl chloride	ND		ug/l	1.0	0.07
Chloroethane	ND		ug/l	2.5	0.70
1,1-Dichloroethene	ND		ug/l	0.50	0.17
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70
Trichloroethene	ND		ug/l	0.50	0.18
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70

**Project Name:** FORMER CAYNE TEXTILE  
**Project Number:** 059294.003

**Lab Number:** L2448084  
**Report Date:** 09/09/24

**Method Blank Analysis**  
**Batch Quality Control**

Analytical Method: 1,8260D  
Analytical Date: 08/27/24 09:13  
Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 02,06 Batch: WG1964392-5					
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70
Methyl tert butyl ether	ND		ug/l	2.5	0.17
p/m-Xylene	ND		ug/l	2.5	0.70
o-Xylene	ND		ug/l	2.5	0.70
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70
Styrene	ND		ug/l	2.5	0.70
Dichlorodifluoromethane	ND		ug/l	5.0	1.0
Acetone	ND		ug/l	5.0	1.5
Carbon disulfide	ND		ug/l	5.0	1.0
2-Butanone	ND		ug/l	5.0	1.9
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0
2-Hexanone	ND		ug/l	5.0	1.0
Bromochloromethane	ND		ug/l	2.5	0.70
1,2-Dibromoethane	ND		ug/l	2.0	0.65
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70
Isopropylbenzene	ND		ug/l	2.5	0.70
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70
Methyl Acetate	ND		ug/l	2.0	0.23
Cyclohexane	ND		ug/l	10	0.27
1,4-Dioxane	ND		ug/l	250	61.
Freon-113	ND		ug/l	2.5	0.70
Methyl cyclohexane	ND		ug/l	10	0.40

**Project Name:** FORMER CAYNE TEXTILE  
**Project Number:** 059294.003

**Lab Number:** L2448084  
**Report Date:** 09/09/24

**Method Blank Analysis**  
**Batch Quality Control**

Analytical Method: 1,8260D  
Analytical Date: 08/27/24 09:13  
Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 02,06 Batch: WG1964392-5					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	101		70-130
Toluene-d8	92		70-130
4-Bromofluorobenzene	86		70-130
Dibromofluoromethane	106		70-130

**Project Name:** FORMER CAYNE TEXTILE  
**Project Number:** 059294.003

**Lab Number:** L2448084  
**Report Date:** 09/09/24

**Method Blank Analysis**  
**Batch Quality Control**

Analytical Method: 1,8260D  
Analytical Date: 08/26/24 18:31  
Analyst: MAG

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-07 Batch: WG1964445-5					
Methylene chloride	ND		ug/l	2.5	0.70
1,1-Dichloroethane	ND		ug/l	2.5	0.70
Chloroform	ND		ug/l	2.5	0.70
Carbon tetrachloride	ND		ug/l	0.50	0.13
1,2-Dichloropropane	ND		ug/l	1.0	0.14
Dibromochloromethane	ND		ug/l	0.50	0.15
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50
Tetrachloroethene	ND		ug/l	0.50	0.18
Chlorobenzene	ND		ug/l	2.5	0.70
Trichlorofluoromethane	ND		ug/l	2.5	0.70
1,2-Dichloroethane	ND		ug/l	0.50	0.13
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70
Bromodichloromethane	ND		ug/l	0.50	0.19
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14
Bromoform	ND		ug/l	2.0	0.65
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17
Benzene	ND		ug/l	0.50	0.16
Toluene	ND		ug/l	2.5	0.70
Ethylbenzene	ND		ug/l	2.5	0.70
Chloromethane	ND		ug/l	2.5	0.70
Bromomethane	ND		ug/l	2.5	0.70
Vinyl chloride	ND		ug/l	1.0	0.07
Chloroethane	ND		ug/l	2.5	0.70
1,1-Dichloroethene	ND		ug/l	0.50	0.17
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70
Trichloroethene	ND		ug/l	0.50	0.18
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70

**Project Name:** FORMER CAYNE TEXTILE  
**Project Number:** 059294.003

**Lab Number:** L2448084  
**Report Date:** 09/09/24

**Method Blank Analysis**  
**Batch Quality Control**

Analytical Method: 1,8260D  
Analytical Date: 08/26/24 18:31  
Analyst: MAG

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-07 Batch: WG1964445-5					
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70
Methyl tert butyl ether	ND		ug/l	2.5	0.17
p/m-Xylene	ND		ug/l	2.5	0.70
o-Xylene	ND		ug/l	2.5	0.70
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70
Styrene	ND		ug/l	2.5	0.70
Dichlorodifluoromethane	ND		ug/l	5.0	1.0
Acetone	ND		ug/l	5.0	1.5
Carbon disulfide	ND		ug/l	5.0	1.0
2-Butanone	ND		ug/l	5.0	1.9
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0
2-Hexanone	ND		ug/l	5.0	1.0
Bromochloromethane	ND		ug/l	2.5	0.70
1,2-Dibromoethane	ND		ug/l	2.0	0.65
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70
Isopropylbenzene	ND		ug/l	2.5	0.70
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70
Methyl Acetate	ND		ug/l	2.0	0.23
Cyclohexane	ND		ug/l	10	0.27
1,4-Dioxane	ND		ug/l	250	61.
Freon-113	ND		ug/l	2.5	0.70
Methyl cyclohexane	ND		ug/l	10	0.40

**Project Name:** FORMER CAYNE TEXTILE  
**Project Number:** 059294.003

**Lab Number:** L2448084  
**Report Date:** 09/09/24

**Method Blank Analysis**  
**Batch Quality Control**

Analytical Method: 1,8260D  
Analytical Date: 08/26/24 18:31  
Analyst: MAG

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-07 Batch: WG1964445-5					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	103		70-130
Toluene-d8	99		70-130
4-Bromofluorobenzene	91		70-130
Dibromofluoromethane	110		70-130

**Project Name:** FORMER CAYNE TEXTILE**Lab Number:** L2448084**Project Number:** 059294.003**Report Date:** 09/09/24**Method Blank Analysis  
Batch Quality Control**

Analytical Method: 117,-  
Analytical Date: 08/28/24 07:04  
Analyst: SRO

<b>Parameter</b>	<b>Result</b>	<b>Qualifier</b>	<b>Units</b>	<b>RL</b>	<b>MDL</b>
Dissolved Gases by GC - Mansfield Lab for sample(s): 01-06 Batch: WG1964527-3					
Carbon Dioxide	ND		mg/l	3.00	3.00

## Lab Control Sample Analysis

### Batch Quality Control

Project Name: FORMER CAYNE TEXTILE

Lab Number: L2448084

Project Number: 059294.003

Report Date: 09/09/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 02,06 Batch: WG1964392-3 WG1964392-4								
Methylene chloride	95		90		70-130	5		20
1,1-Dichloroethane	100		98		70-130	2		20
Chloroform	100		97		70-130	3		20
Carbon tetrachloride	120		110		63-132	9		20
1,2-Dichloropropane	98		97		70-130	1		20
Dibromochloromethane	91		92		63-130	1		20
1,1,2-Trichloroethane	88		89		70-130	1		20
Tetrachloroethene	120		110		70-130	9		20
Chlorobenzene	97		97		75-130	0		20
Trichlorofluoromethane	120		110		62-150	9		20
1,2-Dichloroethane	100		100		70-130	0		20
1,1,1-Trichloroethane	110		100		67-130	10		20
Bromodichloromethane	100		100		67-130	0		20
trans-1,3-Dichloropropene	82		83		70-130	1		20
cis-1,3-Dichloropropene	100		100		70-130	0		20
Bromoform	93		99		54-136	6		20
1,1,2,2-Tetrachloroethane	82		88		67-130	7		20
Benzene	100		99		70-130	1		20
Toluene	94		94		70-130	0		20
Ethylbenzene	96		96		70-130	0		20
Chloromethane	93		84		64-130	10		20
Bromomethane	91		84		39-139	8		20
Vinyl chloride	120		110		55-140	9		20

## Lab Control Sample Analysis

### Batch Quality Control

Project Name: FORMER CAYNE TEXTILE

Lab Number: L2448084

Project Number: 059294.003

Report Date: 09/09/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 02,06 Batch: WG1964392-3 WG1964392-4								
Chloroethane	97		66		55-138	38	Q	20
1,1-Dichloroethene	110		100		61-145	10		20
trans-1,2-Dichloroethene	100		98		70-130	2		20
Trichloroethene	99		100		70-130	1		20
1,2-Dichlorobenzene	97		98		70-130	1		20
1,3-Dichlorobenzene	99		99		70-130	0		20
1,4-Dichlorobenzene	97		98		70-130	1		20
Methyl tert butyl ether	100		100		63-130	0		20
p/m-Xylene	100		100		70-130	0		20
o-Xylene	100		100		70-130	0		20
cis-1,2-Dichloroethene	100		97		70-130	3		20
Styrene	100		100		70-130	0		20
Dichlorodifluoromethane	94		86		36-147	9		20
Acetone	110		97		58-148	13		20
Carbon disulfide	110		100		51-130	10		20
2-Butanone	100		92		63-138	8		20
4-Methyl-2-pentanone	83		91		59-130	9		20
2-Hexanone	80		86		57-130	7		20
Bromochloromethane	110		110		70-130	0		20
1,2-Dibromoethane	96		98		70-130	2		20
1,2-Dibromo-3-chloropropane	90		95		41-144	5		20
Isopropylbenzene	94		97		70-130	3		20
1,2,3-Trichlorobenzene	100		100		70-130	0		20

## Lab Control Sample Analysis

### Batch Quality Control

**Project Name:** FORMER CAYNE TEXTILE

**Project Number:** 059294.003

**Lab Number:** L2448084

**Report Date:** 09/09/24

<b>Parameter</b>	<b>LCS %Recovery</b>	<b>Qual</b>	<b>LCSD %Recovery</b>	<b>Qual</b>	<b>%Recovery Limits</b>	<b>RPD</b>	<b>Qual</b>	<b>RPD Limits</b>
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 02,06 Batch: WG1964392-3 WG1964392-4								
1,2,4-Trichlorobenzene	100		100		70-130	0		20
Methyl Acetate	92		94		70-130	2		20
Cyclohexane	110		110		70-130	0		20
1,4-Dioxane	144		130		56-162	10		20
Freon-113	120		110		70-130	9		20
Methyl cyclohexane	100		100		70-130	0		20

<b>Surrogate</b>	<b>LCS %Recovery</b>	<b>Qual</b>	<b>LCSD %Recovery</b>	<b>Qual</b>	<b>Acceptance Criteria</b>
1,2-Dichloroethane-d4	105		104		70-130
Toluene-d8	94		92		70-130
4-Bromofluorobenzene	86		89		70-130
Dibromofluoromethane	105		100		70-130

## Lab Control Sample Analysis

### Batch Quality Control

Project Name: FORMER CAYNE TEXTILE

Lab Number: L2448084

Project Number: 059294.003

Report Date: 09/09/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-07 Batch: WG1964445-3 WG1964445-4								
Methylene chloride	100		110		70-130	10		20
1,1-Dichloroethane	110		110		70-130	0		20
Chloroform	110		110		70-130	0		20
Carbon tetrachloride	120		130		63-132	8		20
1,2-Dichloropropane	100		110		70-130	10		20
Dibromochloromethane	100		110		63-130	10		20
1,1,2-Trichloroethane	100		100		70-130	0		20
Tetrachloroethene	120		120		70-130	0		20
Chlorobenzene	110		110		75-130	0		20
Trichlorofluoromethane	130		130		62-150	0		20
1,2-Dichloroethane	110		110		70-130	0		20
1,1,1-Trichloroethane	110		120		67-130	9		20
Bromodichloromethane	110		110		67-130	0		20
trans-1,3-Dichloropropene	100		100		70-130	0		20
cis-1,3-Dichloropropene	110		110		70-130	0		20
Bromoform	100		100		54-136	0		20
1,1,2,2-Tetrachloroethane	97		98		67-130	1		20
Benzene	110		120		70-130	9		20
Toluene	110		110		70-130	0		20
Ethylbenzene	110		120		70-130	9		20
Chloromethane	95		95		64-130	0		20
Bromomethane	110		120		39-139	9		20
Vinyl chloride	120		120		55-140	0		20

## Lab Control Sample Analysis

### Batch Quality Control

**Project Name:** FORMER CAYNE TEXTILE

**Lab Number:** L2448084

**Project Number:** 059294.003

**Report Date:** 09/09/24

Parameter	LCS		LCSD		%Recovery Limits	RPD	Qual	RPD Limits
	%Recovery	Qual	%Recovery	Qual				
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-07 Batch: WG1964445-3 WG1964445-4								
Chloroethane	130		110		55-138	17		20
1,1-Dichloroethene	110		110		61-145	0		20
trans-1,2-Dichloroethene	110		120		70-130	9		20
Trichloroethene	120		120		70-130	0		20
1,2-Dichlorobenzene	110		110		70-130	0		20
1,3-Dichlorobenzene	110		110		70-130	0		20
1,4-Dichlorobenzene	110		110		70-130	0		20
Methyl tert butyl ether	97		100		63-130	3		20
p/m-Xylene	115		120		70-130	4		20
o-Xylene	115		120		70-130	4		20
cis-1,2-Dichloroethene	110		110		70-130	0		20
Styrene	115		115		70-130	0		20
Dichlorodifluoromethane	110		120		36-147	9		20
Acetone	76		76		58-148	0		20
Carbon disulfide	120		120		51-130	0		20
2-Butanone	72		81		63-138	12		20
4-Methyl-2-pentanone	76		76		59-130	0		20
2-Hexanone	69		70		57-130	1		20
Bromochloromethane	120		120		70-130	0		20
1,2-Dibromoethane	100		100		70-130	0		20
1,2-Dibromo-3-chloropropane	80		77		41-144	4		20
Isopropylbenzene	110		110		70-130	0		20
1,2,3-Trichlorobenzene	94		98		70-130	4		20

## Lab Control Sample Analysis

### Batch Quality Control

**Project Name:** FORMER CAYNE TEXTILE

**Project Number:** 059294.003

**Lab Number:** L2448084

**Report Date:** 09/09/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-07 Batch: WG1964445-3 WG1964445-4								
1,2,4-Trichlorobenzene	100		100		70-130	0		20
Methyl Acetate	68	Q	78		70-130	14		20
Cyclohexane	100		110		70-130	10		20
1,4-Dioxane	86		92		56-162	7		20
Freon-113	120		120		70-130	0		20
Methyl cyclohexane	110		120		70-130	9		20

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	95		100		70-130
Toluene-d8	99		100		70-130
4-Bromofluorobenzene	92		90		70-130
Dibromofluoromethane	103		106		70-130

## Lab Control Sample Analysis

### Batch Quality Control

**Project Name:** FORMER CAYNE TEXTILE

**Lab Number:** L2448084

**Project Number:** 059294.003

**Report Date:** 09/09/24

<b>Parameter</b>	<b>LCS %Recovery</b>	<b>Qual</b>	<b>LCSD %Recovery</b>	<b>Qual</b>	<b>%Recovery Limits</b>	<b>RPD</b>	<b>Qual</b>	<b>RPD Limits</b>
Dissolved Gases by GC - Mansfield Lab Associated sample(s): 01-06 Batch: WG1964527-2								
Carbon Dioxide	82		-		80-120	-		

## Matrix Spike Analysis

*Batch Quality Control*

**Project Name:** FORMER CAYNE TEXTILE**Lab Number:** L2448084**Project Number:** 059294.003**Report Date:** 09/09/24

<b>Parameter</b>	<b>Native Sample</b>	<b>MS Added</b>	<b>MS Found</b>	<b>MS %Recovery</b>	<b>Qual</b>	<b>MSD Found</b>	<b>MSD %Recovery</b>	<b>Qual</b>	<b>Recovery Limits</b>	<b>RPD</b>	<b>Qual</b>	<b>RPD Limits</b>
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-07 QC Batch ID: WG1964445-6 WG1964445-7 QC Sample: L2448084-03 Client ID: MW-7R-20240822												
Methylene chloride	ND	100	100	100		110	110		70-130	10		20
1,1-Dichloroethane	ND	100	110	110		120	120		70-130	9		20
Chloroform	ND	100	110	110		120	120		70-130	9		20
Carbon tetrachloride	ND	100	120	120		130	130		63-132	8		20
1,2-Dichloropropane	ND	100	100	100		110	110		70-130	10		20
Dibromochloromethane	ND	100	100	100		110	110		63-130	10		20
1,1,2-Trichloroethane	ND	100	100	100		100	100		70-130	0		20
Tetrachloroethene	ND	100	120	120		120	120		70-130	0		20
Chlorobenzene	ND	100	110	110		110	110		75-130	0		20
Trichlorofluoromethane	ND	100	130	130		140	140		62-150	7		20
1,2-Dichloroethane	ND	100	100	100		110	110		70-130	10		20
1,1,1-Trichloroethane	ND	100	120	120		120	120		67-130	0		20
Bromodichloromethane	ND	100	110	110		110	110		67-130	0		20
trans-1,3-Dichloropropene	ND	100	94	94		96	96		70-130	2		20
cis-1,3-Dichloropropene	ND	100	100	100		100	100		70-130	0		20
Bromoform	ND	100	94	94		99	99		54-136	5		20
1,1,2,2-Tetrachloroethane	ND	100	95	95		96	96		67-130	1		20
Benzene	ND	100	110	110		120	120		70-130	9		20
Toluene	ND	100	110	110		110	110		70-130	0		20
Ethylbenzene	ND	100	110	110		120	120		70-130	9		20
Chloromethane	ND	100	91	91		94	94		64-130	3		20
Bromomethane	ND	100	71	71		86	86		39-139	19		20
Vinyl chloride	390	100	480	90		460	70		55-140	4		20

## Matrix Spike Analysis

*Batch Quality Control*

**Project Name:** FORMER CAYNE TEXTILE

**Lab Number:** L2448084

**Project Number:** 059294.003

**Report Date:** 09/09/24

<i>Parameter</i>	<i>Native Sample</i>	<i>MS Added</i>	<i>MS Found</i>	<i>MS %Recovery</i>	<i>Qual</i>	<i>MSD Found</i>	<i>MSD %Recovery</i>	<i>Qual</i>	<i>Recovery Limits</i>	<i>RPD</i>	<i>Qual</i>	<i>RPD Limits</i>
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-07 QC Batch ID: WG1964445-6 WG1964445-7 QC Sample: L2448084-03 Client ID: MW-7R-20240822												
Chloroethane	ND	100	120	120		130	130		55-138	8		20
1,1-Dichloroethene	3.2J	100	120	120		120	120		61-145	0		20
trans-1,2-Dichloroethene	ND	100	120	120		130	130		70-130	8		20
Trichloroethene	ND	100	110	110		120	120		70-130	9		20
1,2-Dichlorobenzene	ND	100	100	100		110	110		70-130	10		20
1,3-Dichlorobenzene	ND	100	100	100		110	110		70-130	10		20
1,4-Dichlorobenzene	ND	100	100	100		110	110		70-130	10		20
Methyl tert butyl ether	ND	100	98	98		100	100		63-130	2		20
p/m-Xylene	ND	200	220	110		230	115		70-130	4		20
o-Xylene	ND	200	220	110		230	115		70-130	4		20
cis-1,2-Dichloroethene	850	100	890	40	Q	880	30	Q	70-130	1		20
Styrene	ND	200	220	110		230	115		70-130	4		20
Dichlorodifluoromethane	ND	100	120	120		120	120		36-147	0		20
Acetone	ND	100	73	73		71	71		58-148	3		20
Carbon disulfide	ND	100	110	110		120	120		51-130	9		20
2-Butanone	ND	100	71	71		75	75		63-138	5		20
4-Methyl-2-pentanone	ND	100	76	76		78	78		59-130	3		20
2-Hexanone	ND	100	63	63		64	64		57-130	2		20
Bromochloromethane	ND	100	120	120		120	120		70-130	0		20
1,2-Dibromoethane	ND	100	99	99		100	100		70-130	1		20
1,2-Dibromo-3-chloropropane	ND	100	77	77		84	84		41-144	9		20
Isopropylbenzene	ND	100	100	100		110	110		70-130	10		20
1,2,3-Trichlorobenzene	ND	100	87	87		92	92		70-130	6		20

### Matrix Spike Analysis Batch Quality Control

**Project Name:** FORMER CAYNE TEXTILE  
**Project Number:** 059294.003

**Lab Number:** L2448084  
**Report Date:** 09/09/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-07 QC Batch ID: WG1964445-6 WG1964445-7 QC Sample: L2448084-03 Client ID: MW-7R-20240822												
1,2,4-Trichlorobenzene	ND	100	92	92		97	97		70-130	5		20
Methyl Acetate	ND	100	69	69	Q	70	70		70-130	1		20
Cyclohexane	ND	100	98J	98		100	100		70-130	2		20
1,4-Dioxane	ND	5000	4100	82		4300	86		56-162	5		20
Freon-113	ND	100	110	110		120	120		70-130	9		20
Methyl cyclohexane	ND	100	100	100		110	110		70-130	10		20

Surrogate	MS % Recovery	MS Qualifier	MSD % Recovery	MSD Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	96		99		70-130
4-Bromofluorobenzene	90		89		70-130
Dibromofluoromethane	104		103		70-130
Toluene-d8	98		99		70-130

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Dissolved Gases by GC - Mansfield Lab Associated sample(s): 01-06 QC Batch ID: WG1964527-4 WG1964527-5 QC Sample: L2448084-03 Client ID: MW-7R-20240822												
Carbon Dioxide	42.6	12	55.4	107		53.3	89		80-120	4		25



## METALS

**Project Name:** FORMER CAYNE TEXTILE  
**Project Number:** 059294.003

**Lab Number:** L2448084  
**Report Date:** 09/09/24

**SAMPLE RESULTS**

Lab ID: L2448084-01  
 Client ID: MW-5R-20240822  
 Sample Location: SYRACUSE, NY

Date Collected: 08/22/24 08:50  
 Date Received: 08/22/24  
 Field Prep: Not Specified

Sample Depth:  
 Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
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**Total Metals - Mansfield Lab**

Iron, Total	2.07		mg/l	0.0500	0.0090	1	08/28/24 20:39	08/29/24 15:05	EPA 3005A	1,6010D	DMC
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**General Chemistry - Westborough Lab**

Iron, Ferric	1.9	J	mg/l	0.50	0.06	1		08/29/24 15:05	NA	107,-	
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**Project Name:** FORMER CAYNE TEXTILE  
**Project Number:** 059294.003

**Lab Number:** L2448084  
**Report Date:** 09/09/24

**SAMPLE RESULTS**

Lab ID: L2448084-02  
 Client ID: MW-6R-20240822  
 Sample Location: SYRACUSE, NY

Date Collected: 08/22/24 09:55  
 Date Received: 08/22/24  
 Field Prep: Not Specified

Sample Depth:  
 Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
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**Total Metals - Mansfield Lab**

Iron, Total	9.36		mg/l	0.0500	0.0090	1	08/28/24 20:39	08/29/24 15:11	EPA 3005A	1,6010D	DMC
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**General Chemistry - Westborough Lab**

Iron, Ferric	7.2		mg/l	0.50	0.06	1		08/29/24 15:11	NA	107,-	
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**Project Name:** FORMER CAYNE TEXTILE

**Lab Number:** L2448084

**Project Number:** 059294.003

**Report Date:** 09/09/24

**SAMPLE RESULTS**

Lab ID: L2448084-03

Date Collected: 08/22/24 11:00

Client ID: MW-7R-20240822

Date Received: 08/22/24

Sample Location: SYRACUSE, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
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**Total Metals - Mansfield Lab**

Iron, Total	4.42		mg/l	0.0500	0.0090	1	08/28/24 20:39	08/29/24 15:18	EPA 3005A	1,6010D	DMC
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**General Chemistry - Westborough Lab**

Iron, Ferric	3.0		mg/l	0.50	0.06	1		08/29/24 15:18	NA	107,-	
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**Project Name:** FORMER CAYNE TEXTILE

**Lab Number:** L2448084

**Project Number:** 059294.003

**Report Date:** 09/09/24

**SAMPLE RESULTS**

Lab ID: L2448084-04

Date Collected: 08/22/24 12:25

Client ID: MW-4-20240822

Date Received: 08/22/24

Sample Location: SYRACUSE, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
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**Total Metals - Mansfield Lab**

Iron, Total	3.25		mg/l	0.0500	0.0090	1	08/28/24 20:39	08/29/24 16:05	EPA 3005A	1,6010D	DMC
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**General Chemistry - Westborough Lab**

Iron, Ferric	2.9	J	mg/l	0.50	0.06	1		08/29/24 16:05	NA	107,-	
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**Project Name:** FORMER CAYNE TEXTILE

**Lab Number:** L2448084

**Project Number:** 059294.003

**Report Date:** 09/09/24

**SAMPLE RESULTS**

Lab ID: L2448084-05

Date Collected: 08/22/24 13:55

Client ID: MW-105D-20240822

Date Received: 08/22/24

Sample Location: SYRACUSE, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
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**Total Metals - Mansfield Lab**

Iron, Total	0.542		mg/l	0.0500	0.0090	1	08/28/24 20:39	08/29/24 16:11	EPA 3005A	1,6010D	DMC
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**General Chemistry - Westborough Lab**

Iron, Ferric	0.45	J	mg/l	0.50	0.06	1		08/29/24 16:11	NA	107,-	
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**Project Name:** FORMER CAYNE TEXTILE  
**Project Number:** 059294.003

**Lab Number:** L2448084  
**Report Date:** 09/09/24

**SAMPLE RESULTS**

Lab ID: L2448084-06  
 Client ID: CHA-1-20240822  
 Sample Location: SYRACUSE, NY

Date Collected: 08/22/24 09:00  
 Date Received: 08/22/24  
 Field Prep: Not Specified

Sample Depth:  
 Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
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**Total Metals - Mansfield Lab**

Iron, Total	9.45		mg/l	0.0500	0.0090	1	08/28/24 20:39	08/29/24 16:18	EPA 3005A	1,6010D	DMC
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**General Chemistry - Westborough Lab**

Iron, Ferric	7.6		mg/l	0.50	0.06	1		08/29/24 16:18	NA	107,-	
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Project Name: FORMER CAYNE TEXTILE

Lab Number: L2448084

Project Number: 059294.003

Report Date: 09/09/24

## Method Blank Analysis Batch Quality Control

Parameter	Result Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01-06 Batch: WG1965018-1									
Iron, Total	ND	mg/l	0.0500	0.0090	1	08/28/24 20:39	08/29/24 14:45	1,6010D	DMC

### Prep Information

Digestion Method: EPA 3005A

## Lab Control Sample Analysis

Batch Quality Control

**Project Name:** FORMER CAYNE TEXTILE

**Lab Number:** L2448084

**Project Number:** 059294.003

**Report Date:** 09/09/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-06 Batch: WG1965018-2								
Iron, Total	96		-		80-120	-		

### Matrix Spike Analysis Batch Quality Control

**Project Name:** FORMER CAYNE TEXTILE  
**Project Number:** 059294.003

**Lab Number:** L2448084  
**Report Date:** 09/09/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-06 QC Batch ID: WG1965018-3 WG1965018-4 QC Sample: L2448084-03 Client ID: MW-7R-20240822												
Iron, Total	4.42	1	5.37	95		5.26	84		75-125	2		20

**Lab Serial Dilution  
Analysis  
Batch Quality Control**

**Project Name:** FORMER CAYNE TEXTILE

**Project Number:** 059294.003

**Lab Number:** L2448084

**Report Date:** 09/09/24

Parameter	Native Sample	Serial Dilution	Units	% D	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-06 QC Batch ID: WG1965018-6 QC Sample: L2448084-03 Client ID: MW-7R-20240822						
Iron, Total	4.42	4.15	mg/l	6		20

# **INORGANICS & MISCELLANEOUS**

**Project Name:** FORMER CAYNE TEXTILE  
**Project Number:** 059294.003

**Lab Number:** L2448084  
**Report Date:** 09/09/24

**SAMPLE RESULTS**

**Lab ID:** L2448084-01  
**Client ID:** MW-5R-20240822  
**Sample Location:** SYRACUSE, NY

**Date Collected:** 08/22/24 08:50  
**Date Received:** 08/22/24  
**Field Prep:** Not Specified

**Sample Depth:**  
**Matrix:** Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
<b>General Chemistry - Westborough Lab</b>										
Alkalinity, Total	294.		mg CaCO3/L	2.00	NA	1	-	08/25/24 14:40	121,2320B	MRW
Total Organic Carbon	3.54		mg/l	0.500	0.097	1	-	08/27/24 09:50	121,5310C	DEW
Iron, Ferrous	0.19	J	mg/l	0.50	0.056	1	-	08/23/24 08:49	121,3500FE-B	CAR
<b>Anions by Ion Chromatography - Westborough Lab</b>										
Chloride	267.		mg/l	5.00	0.839	10	-	08/23/24 12:03	44,300.0	CVN
Nitrogen, Nitrate	0.607		mg/l	0.050	0.012	1	-	08/23/24 10:14	44,300.0	CVN
Sulfate	129.		mg/l	10.0	4.54	10	-	08/23/24 12:03	44,300.0	CVN



**Project Name:** FORMER CAYNE TEXTILE  
**Project Number:** 059294.003

**Lab Number:** L2448084  
**Report Date:** 09/09/24

**SAMPLE RESULTS**

**Lab ID:** L2448084-02  
**Client ID:** MW-6R-20240822  
**Sample Location:** SYRACUSE, NY

**Date Collected:** 08/22/24 09:55  
**Date Received:** 08/22/24  
**Field Prep:** Not Specified

**Sample Depth:**  
**Matrix:** Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
<b>General Chemistry - Westborough Lab</b>										
Alkalinity, Total	463.		mg CaCO3/L	2.00	NA	1	-	08/25/24 17:19	121,2320B	MRW
Total Organic Carbon	15.0		mg/l	2.00	0.388	4	-	08/27/24 10:17	121,5310C	DEW
Iron, Ferrous	2.2		mg/l	0.50	0.056	1	-	08/23/24 08:52	121,3500FE-B	CAR
<b>Anions by Ion Chromatography - Westborough Lab</b>										
Chloride	353.		mg/l	5.00	0.839	10	-	08/23/24 12:15	44,300.0	CVN
Nitrogen, Nitrate	ND		mg/l	0.050	0.012	1	-	08/23/24 10:26	44,300.0	CVN
Sulfate	56.7		mg/l	1.00	0.454	1	-	08/23/24 10:26	44,300.0	CVN



**Project Name:** FORMER CAYNE TEXTILE  
**Project Number:** 059294.003

**Lab Number:** L2448084  
**Report Date:** 09/09/24

**SAMPLE RESULTS**

**Lab ID:** L2448084-03  
**Client ID:** MW-7R-20240822  
**Sample Location:** SYRACUSE, NY

**Date Collected:** 08/22/24 11:00  
**Date Received:** 08/22/24  
**Field Prep:** Not Specified

**Sample Depth:**  
**Matrix:** Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
<b>General Chemistry - Westborough Lab</b>										
Alkalinity, Total	332.		mg CaCO3/L	2.00	NA	1	-	08/25/24 12:08	121,2320B	MRW
Total Organic Carbon	7.31		mg/l	1.00	0.194	2	-	08/27/24 10:45	121,5310C	DEW
Iron, Ferrous	1.4		mg/l	0.50	0.056	1	-	08/23/24 08:52	121,3500FE-B	CAR
<b>Anions by Ion Chromatography - Westborough Lab</b>										
Chloride	281.		mg/l	5.00	0.839	10	-	08/23/24 12:51	44,300.0	CVN
Nitrogen, Nitrate	ND		mg/l	0.050	0.012	1	-	08/23/24 10:38	44,300.0	CVN
Sulfate	95.3		mg/l	1.00	0.454	1	-	08/23/24 10:38	44,300.0	CVN



**Project Name:** FORMER CAYNE TEXTILE  
**Project Number:** 059294.003

**Lab Number:** L2448084  
**Report Date:** 09/09/24

**SAMPLE RESULTS**

**Lab ID:** L2448084-04  
**Client ID:** MW-4-20240822  
**Sample Location:** SYRACUSE, NY

**Date Collected:** 08/22/24 12:25  
**Date Received:** 08/22/24  
**Field Prep:** Not Specified

**Sample Depth:**  
**Matrix:** Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
<b>General Chemistry - Westborough Lab</b>										
Alkalinity, Total	370.		mg CaCO3/L	2.00	NA	1	-	08/25/24 15:06	121,2320B	MRW
Total Organic Carbon	8.28		mg/l	2.00	0.388	4	-	08/27/24 11:10	121,5310C	DEW
Iron, Ferrous	0.38	J	mg/l	0.50	0.056	1	-	08/23/24 08:53	121,3500FE-B	CAR
<b>Anions by Ion Chromatography - Westborough Lab</b>										
Chloride	293.		mg/l	5.00	0.839	10	-	08/23/24 13:03	44,300.0	CVN
Nitrogen, Nitrate	ND		mg/l	0.050	0.012	1	-	08/23/24 10:50	44,300.0	CVN
Sulfate	66.5		mg/l	1.00	0.454	1	-	08/23/24 10:50	44,300.0	CVN



**Project Name:** FORMER CAYNE TEXTILE  
**Project Number:** 059294.003

**Lab Number:** L2448084  
**Report Date:** 09/09/24

**SAMPLE RESULTS**

**Lab ID:** L2448084-05  
**Client ID:** MW-105D-20240822  
**Sample Location:** SYRACUSE, NY

**Date Collected:** 08/22/24 13:55  
**Date Received:** 08/22/24  
**Field Prep:** Not Specified

**Sample Depth:**  
**Matrix:** Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
<b>General Chemistry - Westborough Lab</b>										
Alkalinity, Total	453.		mg CaCO3/L	2.00	NA	1	-	08/25/24 17:28	121,2320B	MRW
Total Organic Carbon	7.73		mg/l	1.00	0.194	2	-	08/27/24 11:32	121,5310C	DEW
Iron, Ferrous	0.090	J	mg/l	0.50	0.056	1	-	08/23/24 08:54	121,3500FE-B	CAR
<b>Anions by Ion Chromatography - Westborough Lab</b>										
Chloride	38.3		mg/l	0.500	0.083	1	-	08/23/24 11:02	44,300.0	CVN
Nitrogen, Nitrate	0.690		mg/l	0.050	0.012	1	-	08/23/24 11:02	44,300.0	CVN
Sulfate	89.2		mg/l	1.00	0.454	1	-	08/23/24 11:02	44,300.0	CVN



**Project Name:** FORMER CAYNE TEXTILE  
**Project Number:** 059294.003

**Lab Number:** L2448084  
**Report Date:** 09/09/24

**SAMPLE RESULTS**

**Lab ID:** L2448084-06  
**Client ID:** CHA-1-20240822  
**Sample Location:** SYRACUSE, NY

**Date Collected:** 08/22/24 09:00  
**Date Received:** 08/22/24  
**Field Prep:** Not Specified

**Sample Depth:**  
**Matrix:** Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
<b>General Chemistry - Westborough Lab</b>										
Alkalinity, Total	458.		mg CaCO3/L	4.00	NA	2	-	08/27/24 12:10	121,2320B	MKT
Total Organic Carbon	14.8		mg/l	2.00	0.388	4	-	08/27/24 11:59	121,5310C	DEW
Iron, Ferrous	1.9		mg/l	0.50	0.056	1	-	08/23/24 08:54	121,3500FE-B	CAR
<b>Anions by Ion Chromatography - Westborough Lab</b>										
Chloride	355.		mg/l	5.00	0.839	10	-	08/23/24 13:15	44,300.0	CVN
Nitrogen, Nitrate	ND		mg/l	0.050	0.012	1	-	08/23/24 11:51	44,300.0	CVN
Sulfate	56.3		mg/l	1.00	0.454	1	-	08/23/24 11:51	44,300.0	CVN



**Project Name:** FORMER CAYNE TEXTILE  
**Project Number:** 059294.003

**Lab Number:** L2448084  
**Report Date:** 09/09/24

**Method Blank Analysis**  
**Batch Quality Control**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab for sample(s): 01-06 Batch: WG1962983-1										
Iron, Ferrous	ND		mg/l	0.50	0.056	1	-	08/23/24 08:50	121,3500FE-B	CAR
Anions by Ion Chromatography - Westborough Lab for sample(s): 01-06 Batch: WG1963100-1										
Chloride	0.143	J	mg/l	0.500	0.083	1	-	08/23/24 09:50	44,300.0	CVN
Nitrogen, Nitrate	0.021	J	mg/l	0.050	0.012	1	-	08/23/24 09:50	44,300.0	CVN
Sulfate	ND		mg/l	1.00	0.454	1	-	08/23/24 09:50	44,300.0	CVN
General Chemistry - Westborough Lab for sample(s): 01-05 Batch: WG1963546-1										
Alkalinity, Total	ND		mg CaCO3/L	2.00	NA	1	-	08/25/24 15:55	121,2320B	MRW
General Chemistry - Westborough Lab for sample(s): 01-06 Batch: WG1964152-1										
Total Organic Carbon	ND		mg/l	0.500	0.097	1	-	08/27/24 02:56	121,5310C	DEW
General Chemistry - Westborough Lab for sample(s): 06 Batch: WG1964344-1										
Alkalinity, Total	ND		mg CaCO3/L	2.00	NA	1	-	08/27/24 10:02	121,2320B	MKT

## Lab Control Sample Analysis

### Batch Quality Control

**Project Name:** FORMER CAYNE TEXTILE

**Project Number:** 059294.003

**Lab Number:** L2448084

**Report Date:** 09/09/24

Parameter	LCS		LCSD		%Recovery Limits	RPD	Qual	RPD Limits
	%Recovery	Qual	%Recovery	Qual				
General Chemistry - Westborough Lab Associated sample(s): 01-06 Batch: WG1962983-2								
Iron, Ferrous	99		-		90-110	-		
Anions by Ion Chromatography - Westborough Lab Associated sample(s): 01-06 Batch: WG1963100-2								
Chloride	102		-		90-110	-		
Nitrogen, Nitrate	92		-		90-110	-		
Sulfate	98		-		90-110	-		
General Chemistry - Westborough Lab Associated sample(s): 01-05 Batch: WG1963546-2								
Alkalinity, Total	106		-		90-110	-		10
General Chemistry - Westborough Lab Associated sample(s): 01-06 Batch: WG1964152-2								
Total Organic Carbon	103		-		90-110	-		
General Chemistry - Westborough Lab Associated sample(s): 06 Batch: WG1964344-2								
Alkalinity, Total	106		-		90-110	-		10

### Matrix Spike Analysis Batch Quality Control

**Project Name:** FORMER CAYNE TEXTILE  
**Project Number:** 059294.003

**Lab Number:** L2448084  
**Report Date:** 09/09/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Qual	MSD Found	MSD %Recovery	MSD Qual	Recovery Limits	RPD	RPD Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-06 QC Batch ID: WG1962983-4 QC Sample: L2448084-03 Client ID: MW-7R-20240822												
Iron, Ferrous	1.4	1	2.3	91	-	-	-	-	80-120	-	-	20
Anions by Ion Chromatography - Westborough Lab Associated sample(s): 01-06 QC Batch ID: WG1963100-3 WG1963100-4 QC Sample: L2448084-03 Client ID: MW-7R-20240822												
Chloride	281.	40	308	67	Q	308	68	Q	90-110	0	-	18
Nitrogen, Nitrate	ND	4	4.65	116	Q	4.64	116	Q	90-110	0	-	15
Sulfate	95.3	80	172	96	-	172	96	-	90-110	0	-	20
General Chemistry - Westborough Lab Associated sample(s): 01-05 QC Batch ID: WG1963546-4 QC Sample: L2448084-03 Client ID: MW-7R-20240822												
Alkalinity, Total	332.	100	433	101	-	-	-	-	86-116	-	-	10
General Chemistry - Westborough Lab Associated sample(s): 01-06 QC Batch ID: WG1964152-4 QC Sample: L2448084-02 Client ID: MW-6R-20240822												
Total Organic Carbon	15.0	80	100	109	-	-	-	-	85-115	-	-	15
General Chemistry - Westborough Lab Associated sample(s): 01-06 QC Batch ID: WG1964152-6 QC Sample: L2448084-03 Client ID: MW-7R-20240822												
Total Organic Carbon	7.31	32	41.3	106	-	-	-	-	85-115	-	-	15
General Chemistry - Westborough Lab Associated sample(s): 06 QC Batch ID: WG1964344-4 QC Sample: L2447867-03 Client ID: MS Sample												
Alkalinity, Total	117.	100	224	107	-	-	-	-	86-116	-	-	10

### Lab Duplicate Analysis Batch Quality Control

**Project Name:** FORMER CAYNE TEXTILE  
**Project Number:** 059294.003

**Lab Number:** L2448084  
**Report Date:** 09/09/24

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-06 QC Batch ID: WG1962983-3 QC Sample: L2448084-03 Client ID: MW-7R-20240822						
Iron, Ferrous	1.4	1.4	mg/l	0		20
General Chemistry - Westborough Lab Associated sample(s): 01-05 QC Batch ID: WG1963546-3 QC Sample: L2448084-03 Client ID: MW-7R-20240822						
Alkalinity, Total	332.	334	mg CaCO3/L	1		10
General Chemistry - Westborough Lab Associated sample(s): 01-06 QC Batch ID: WG1964152-3 QC Sample: L2448084-02 Client ID: MW-6R-20240822						
Total Organic Carbon	15.0	14.9	mg/l	1		15
General Chemistry - Westborough Lab Associated sample(s): 01-06 QC Batch ID: WG1964152-5 QC Sample: L2448084-03 Client ID: MW-7R-20240822						
Total Organic Carbon	7.31	7.66	mg/l	5		15
General Chemistry - Westborough Lab Associated sample(s): 06 QC Batch ID: WG1964344-3 QC Sample: L2447867-03 Client ID: DUP Sample						
Alkalinity, Total	117.	119	mg CaCO3/L	1		10



**Project Name:** FORMER CAYNE TEXTILE**Lab Number:** L2448084**Project Number:** 059294.003**Report Date:** 09/09/24**Sample Receipt and Container Information**

Were project specific reporting limits specified?

YES

**Cooler Information**

<b>Cooler</b>	<b>Custody Seal</b>
A	Absent
B	Absent

**Container Information**

<b>Container ID</b>	<b>Container Type</b>	<b>Cooler</b>	<b>Initial pH</b>	<b>Final pH</b>	<b>Temp deg C</b>	<b>Pres</b>	<b>Seal</b>	<b>Frozen Date/Time</b>	<b>Analysis(*)</b>
L2448084-01A	Vial HCl preserved	A	NA		2.4	Y	Absent		NYTCL-8260-R2(14)
L2448084-01B	Vial HCl preserved	A	NA		2.4	Y	Absent		NYTCL-8260-R2(14)
L2448084-01C	Vial HCl preserved	A	NA		2.4	Y	Absent		NYTCL-8260-R2(14)
L2448084-01D	Vial H2SO4 preserved	A	NA		2.4	Y	Absent		TOC-5310(28)
L2448084-01E	Vial H2SO4 preserved	A	NA		2.4	Y	Absent		TOC-5310(28)
L2448084-01F	Vial unpreserved 20ml	A	NA		2.4	Y	Absent		DISSGAS-CO2(7)
L2448084-01G	Vial unpreserved 20ml	A	NA		2.4	Y	Absent		DISSGAS-CO2(7)
L2448084-01H	Vial HCl preserved	A	NA	NA	2.4	Y	Absent		SUB-DISSGAS(14)
L2448084-01I	Plastic 250ml unpreserved/No Headspace	A	NA		2.4	Y	Absent		ALK-T-2320(14)
L2448084-01J	Vial HCl preserved	A	NA	NA	2.4	Y	Absent		SUB-DISSGAS(14)
L2448084-01K	Plastic 250ml Zn Acetate/NaOH preserved	A	>9	>9	2.4	Y	Absent		SUB-SULFIDE(7)
L2448084-01L	Plastic 250ml Zn Acetate/NaOH preserved	A	>9	>9	2.4	Y	Absent		SUB-SULFIDE(7)
L2448084-01M	Plastic 250ml unpreserved	A	7	7	2.4	Y	Absent		SO4-300(28),CL-300(28),NO3-300(2),FERROUS(1)
L2448084-01N	Plastic 250ml HNO3 preserved	A	<2	<2	2.4	Y	Absent		FE-TI(180)
L2448084-02A	Vial HCl preserved	A	NA		2.4	Y	Absent		NYTCL-8260-R2(14)
L2448084-02B	Vial HCl preserved	A	NA		2.4	Y	Absent		NYTCL-8260-R2(14)
L2448084-02C	Vial HCl preserved	A	NA		2.4	Y	Absent		NYTCL-8260-R2(14)
L2448084-02D	Vial H2SO4 preserved	A	NA		2.4	Y	Absent		TOC-5310(28)
L2448084-02E	Vial H2SO4 preserved	A	NA		2.4	Y	Absent		TOC-5310(28)
L2448084-02F	Vial unpreserved 20ml	A	NA		2.4	Y	Absent		DISSGAS-CO2(7)
L2448084-02G	Vial unpreserved 20ml	A	NA		2.4	Y	Absent		DISSGAS-CO2(7)
L2448084-02H	Vial HCl preserved	A	NA	NA	2.4	Y	Absent		SUB-DISSGAS(14)

**Project Name:** FORMER CAYNE TEXTILE**Lab Number:** L2448084**Project Number:** 059294.003**Report Date:** 09/09/24**Container Information**

<b>Container ID</b>	<b>Container Type</b>	<b>Cooler</b>	<b>Initial pH</b>	<b>Final pH</b>	<b>Temp deg C</b>	<b>Pres</b>	<b>Seal</b>	<b>Frozen Date/Time</b>	<b>Analysis(*)</b>
L2448084-02I	Plastic 250ml unpreserved/No Headspace	A	NA		2.4	Y	Absent		ALK-T-2320(14)
L2448084-02J	Vial HCl preserved	A	NA	NA	2.4	Y	Absent		SUB-DISSGAS(14)
L2448084-02K	Plastic 250ml Zn Acetate/NaOH preserved	A	>9	>9	2.4	Y	Absent		SUB-SULFIDE(7)
L2448084-02L	Plastic 250ml Zn Acetate/NaOH preserved	A	>9	>9	2.4	Y	Absent		SUB-SULFIDE(7)
L2448084-02M	Plastic 250ml unpreserved	A	7	7	2.4	Y	Absent		SO4-300(28),CL-300(28),NO3-300(2),FERROUS(1)
L2448084-02N	Plastic 250ml HNO3 preserved	A	<2	<2	2.4	Y	Absent		FE-TI(180)
L2448084-03A	Vial HCl preserved	B	NA		4.3	Y	Absent		NYTCL-8260-R2(14)
L2448084-03A1	Vial HCl preserved	A	NA		2.4	Y	Absent		NYTCL-8260-R2(14)
L2448084-03A2	Vial HCl preserved	A	NA		2.4	Y	Absent		NYTCL-8260-R2(14)
L2448084-03B	Vial HCl preserved	B	NA		4.3	Y	Absent		NYTCL-8260-R2(14)
L2448084-03B1	Vial HCl preserved	A	NA		2.4	Y	Absent		NYTCL-8260-R2(14)
L2448084-03B2	Vial HCl preserved	A	NA		2.4	Y	Absent		NYTCL-8260-R2(14)
L2448084-03C	Vial HCl preserved	B	NA		4.3	Y	Absent		NYTCL-8260-R2(14)
L2448084-03C1	Vial HCl preserved	A	NA		2.4	Y	Absent		NYTCL-8260-R2(14)
L2448084-03C2	Vial HCl preserved	A	NA		2.4	Y	Absent		NYTCL-8260-R2(14)
L2448084-03D	Vial H2SO4 preserved	B	NA		4.3	Y	Absent		TOC-5310(28)
L2448084-03D1	Vial H2SO4 preserved	A	NA		2.4	Y	Absent		TOC-5310(28)
L2448084-03D2	Vial H2SO4 preserved	A	NA		2.4	Y	Absent		TOC-5310(28)
L2448084-03E	Vial H2SO4 preserved	B	NA		4.3	Y	Absent		TOC-5310(28)
L2448084-03E1	Vial H2SO4 preserved	A	NA		2.4	Y	Absent		TOC-5310(28)
L2448084-03E2	Vial H2SO4 preserved	A	NA		2.4	Y	Absent		TOC-5310(28)
L2448084-03F	Vial unpreserved 20ml	B	NA		4.3	Y	Absent		DISSGAS-CO2(7)
L2448084-03F1	Vial unpreserved 20ml	A	NA		2.4	Y	Absent		DISSGAS-CO2(7)
L2448084-03F2	Vial unpreserved 20ml	A	NA		2.4	Y	Absent		DISSGAS-CO2(7)
L2448084-03G	Vial unpreserved 20ml	B	NA		4.3	Y	Absent		DISSGAS-CO2(7)
L2448084-03G1	Vial unpreserved 20ml	A	NA		2.4	Y	Absent		DISSGAS-CO2(7)
L2448084-03G2	Vial unpreserved 20ml	A	NA		2.4	Y	Absent		DISSGAS-CO2(7)
L2448084-03H	Vial HCl preserved	B	NA	NA	4.3	Y	Absent		SUB-DISSGAS(14)

**Project Name:** FORMER CAYNE TEXTILE**Lab Number:** L2448084**Project Number:** 059294.003**Report Date:** 09/09/24**Container Information**

<b>Container ID</b>	<b>Container Type</b>	<b>Cooler</b>	<b>Initial pH</b>	<b>Final pH</b>	<b>Temp deg C</b>	<b>Pres</b>	<b>Seal</b>	<b>Frozen Date/Time</b>	<b>Analysis(*)</b>
L2448084-03H1	Vial HCl preserved	A	NA	NA	2.4	Y	Absent		SUB-DISSGAS(14)
L2448084-03H2	Vial HCl preserved	A	NA	NA	2.4	Y	Absent		SUB-DISSGAS(14)
L2448084-03I	Plastic 250ml unpreserved/No Headspace	B	NA		4.3	Y	Absent		ALK-T-2320(14)
L2448084-03I1	Plastic 250ml unpreserved/No Headspace	A	NA		2.4	Y	Absent		ALK-T-2320(14)
L2448084-03I2	Plastic 250ml unpreserved/No Headspace	A	NA		2.4	Y	Absent		ALK-T-2320(14)
L2448084-03J	Vial HCl preserved	B	NA	NA	4.3	Y	Absent		SUB-DISSGAS(14)
L2448084-03J1	Vial HCl preserved	A	NA	NA	2.4	Y	Absent		SUB-DISSGAS(14)
L2448084-03J2	Vial HCl preserved	A	NA	NA	2.4	Y	Absent		SUB-DISSGAS(14)
L2448084-03K	Plastic 250ml Zn Acetate/NaOH preserved	B	>9	>9	4.3	Y	Absent		SUB-SULFIDE(7)
L2448084-03K1	Plastic 250ml Zn Acetate/NaOH preserved	A	>9	>9	2.4	Y	Absent		SUB-SULFIDE(7)
L2448084-03K2	Plastic 250ml Zn Acetate/NaOH preserved	A	>9	>9	2.4	Y	Absent		SUB-SULFIDE(7)
L2448084-03L	Plastic 250ml Zn Acetate/NaOH preserved	B	>9	>9	4.3	Y	Absent		SUB-SULFIDE(7)
L2448084-03L1	Plastic 250ml Zn Acetate/NaOH preserved	A	>9	>9	2.4	Y	Absent		SUB-SULFIDE(7)
L2448084-03L2	Plastic 250ml Zn Acetate/NaOH preserved	A	>9	>9	2.4	Y	Absent		SUB-SULFIDE(7)
L2448084-03M	Plastic 250ml unpreserved	B	7	7	4.3	Y	Absent		SO4-300(28),CL-300(28),NO3-300(2),FERROUS(1)
L2448084-03M1	Plastic 250ml unpreserved	A	7	7	2.4	Y	Absent		SO4-300(28),CL-300(28),NO3-300(2),FERROUS(1)
L2448084-03M2	Plastic 250ml unpreserved	A	7	7	2.4	Y	Absent		SO4-300(28),CL-300(28),NO3-300(2),FERROUS(1)
L2448084-03N	Plastic 250ml HNO3 preserved	B	<2	<2	4.3	Y	Absent		FE-TI(180)
L2448084-03N1	Plastic 250ml HNO3 preserved	A	<2	<2	2.4	Y	Absent		FE-TI(180)
L2448084-03N2	Plastic 250ml HNO3 preserved	A	<2	<2	2.4	Y	Absent		FE-TI(180)
L2448084-04A	Vial HCl preserved	A	NA		2.4	Y	Absent		NYTCL-8260-R2(14)
L2448084-04B	Vial HCl preserved	A	NA		2.4	Y	Absent		NYTCL-8260-R2(14)
L2448084-04C	Vial HCl preserved	A	NA		2.4	Y	Absent		NYTCL-8260-R2(14)
L2448084-04D	Vial H2SO4 preserved	A	NA		2.4	Y	Absent		TOC-5310(28)
L2448084-04E	Vial H2SO4 preserved	A	NA		2.4	Y	Absent		TOC-5310(28)
L2448084-04F	Vial unpreserved 20ml	A	NA		2.4	Y	Absent		DISSGAS-CO2(7)
L2448084-04G	Vial unpreserved 20ml	A	NA		2.4	Y	Absent		DISSGAS-CO2(7)

**Project Name:** FORMER CAYNE TEXTILE**Lab Number:** L2448084**Project Number:** 059294.003**Report Date:** 09/09/24**Container Information**

<b>Container ID</b>	<b>Container Type</b>	<b>Cooler</b>	<b>Initial pH</b>	<b>Final pH</b>	<b>Temp deg C</b>	<b>Pres</b>	<b>Seal</b>	<b>Frozen Date/Time</b>	<b>Analysis(*)</b>
L2448084-04H	Vial HCl preserved	A	NA	NA	2.4	Y	Absent		SUB-DISSGAS(14)
L2448084-04I	Plastic 250ml unpreserved/No Headspace	A	NA		2.4	Y	Absent		ALK-T-2320(14)
L2448084-04J	Vial HCl preserved	A	NA	NA	2.4	Y	Absent		SUB-DISSGAS(14)
L2448084-04K	Plastic 250ml Zn Acetate/NaOH preserved	A	>9	>9	2.4	Y	Absent		SUB-SULFIDE(7)
L2448084-04L	Plastic 250ml Zn Acetate/NaOH preserved	A	>9	>9	2.4	Y	Absent		SUB-SULFIDE(7)
L2448084-04M	Plastic 250ml unpreserved	A	7	7	2.4	Y	Absent		SO4-300(28),CL-300(28),NO3-300(2),FERROUS(1)
L2448084-04N	Plastic 250ml HNO3 preserved	A	<2	<2	2.4	Y	Absent		FE-TI(180)
L2448084-05A	Vial HCl preserved	A	NA		2.4	Y	Absent		NYTCL-8260-R2(14)
L2448084-05B	Vial HCl preserved	A	NA		2.4	Y	Absent		NYTCL-8260-R2(14)
L2448084-05C	Vial HCl preserved	A	NA		2.4	Y	Absent		NYTCL-8260-R2(14)
L2448084-05D	Vial H2SO4 preserved	A	NA		2.4	Y	Absent		TOC-5310(28)
L2448084-05E	Vial H2SO4 preserved	A	NA		2.4	Y	Absent		TOC-5310(28)
L2448084-05F	Vial unpreserved 20ml	A	NA		2.4	Y	Absent		DISSGAS-CO2(7)
L2448084-05G	Vial unpreserved 20ml	A	NA		2.4	Y	Absent		DISSGAS-CO2(7)
L2448084-05H	Vial HCl preserved	A	NA	NA	2.4	Y	Absent		SUB-DISSGAS(14)
L2448084-05I	Plastic 250ml unpreserved/No Headspace	A	NA		2.4	Y	Absent		ALK-T-2320(14)
L2448084-05J	Vial HCl preserved	A	NA	NA	2.4	Y	Absent		SUB-DISSGAS(14)
L2448084-05K	Plastic 250ml Zn Acetate/NaOH preserved	A	>9	>9	2.4	Y	Absent		SUB-SULFIDE(7)
L2448084-05L	Plastic 250ml Zn Acetate/NaOH preserved	A	>9	>9	2.4	Y	Absent		SUB-SULFIDE(7)
L2448084-05M	Plastic 250ml unpreserved	A	7	7	2.4	Y	Absent		SO4-300(28),CL-300(28),NO3-300(2),FERROUS(1)
L2448084-05N	Plastic 250ml HNO3 preserved	A	<2	<2	2.4	Y	Absent		FE-TI(180)
L2448084-06A	Vial HCl preserved	B	NA		4.3	Y	Absent		NYTCL-8260-R2(14)
L2448084-06B	Vial HCl preserved	B	NA		4.3	Y	Absent		NYTCL-8260-R2(14)
L2448084-06C	Vial HCl preserved	B	NA		4.3	Y	Absent		NYTCL-8260-R2(14)
L2448084-06D	Vial H2SO4 preserved	B	NA		4.3	Y	Absent		TOC-5310(28)
L2448084-06E	Vial H2SO4 preserved	B	NA		4.3	Y	Absent		TOC-5310(28)
L2448084-06F	Vial unpreserved 20ml	B	NA		4.3	Y	Absent		DISSGAS-CO2(7)
L2448084-06G	Vial unpreserved 20ml	B	NA		4.3	Y	Absent		DISSGAS-CO2(7)

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**Container Information**

<b>Container ID</b>	<b>Container Type</b>	<b>Cooler</b>	<b>Initial pH</b>	<b>Final pH</b>	<b>Temp deg C</b>	<b>Pres</b>	<b>Seal</b>	<b>Frozen Date/Time</b>	<b>Analysis(*)</b>
L2448084-06H	Vial HCl preserved	B	NA	NA	4.3	Y	Absent		SUB-DISSGAS(14)
L2448084-06I	Plastic 250ml unpreserved/No Headspace	B	NA		4.3	Y	Absent		ALK-T-2320(14)
L2448084-06J	Vial HCl preserved	B	NA	NA	4.3	Y	Absent		SUB-DISSGAS(14)
L2448084-06K	Plastic 250ml Zn Acetate/NaOH preserved	B	>9	>9	4.3	Y	Absent		SUB-SULFIDE(7)
L2448084-06L	Plastic 250ml Zn Acetate/NaOH preserved	B	>9	>9	4.3	Y	Absent		SUB-SULFIDE(7)
L2448084-06M	Plastic 250ml unpreserved	B	7	7	4.3	Y	Absent		SO4-300(28),CL-300(28),NO3-300(2),FERROUS(1)
L2448084-06N	Plastic 250ml HNO3 preserved	B	<2	<2	4.3	Y	Absent		FE-TI(180)
L2448084-07A	Vial HCl preserved	B	NA		4.3	Y	Absent		NYTCL-8260-R2(14)
L2448084-07B	Vial HCl preserved	B	NA		4.3	Y	Absent		NYTCL-8260-R2(14)

\*Values in parentheses indicate holding time in days



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## GLOSSARY

### Acronyms

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

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### Footnotes

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

### Terms

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

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

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

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

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

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

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

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

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

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

### Data Qualifiers

- A** - Spectra identified as "Aldol Condensates" are byproducts of the extraction/concentration procedures when acetone is introduced in the process.
- B** - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).
- C** - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.
- D** - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.
- E** - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.
- F** - The ratio of quantifier ion response to qualifier ion response falls outside of the laboratory criteria. Results are considered to be an estimated maximum concentration.
- G** - The concentration may be biased high due to matrix interferences (i.e. co-elution) with non-target compound(s). The result should be considered estimated.
- H** - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.
- I** - The lower value for the two columns has been reported due to obvious interference.
- J** - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively

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#### Data Qualifiers

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

- M** - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.
- ND** - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.
- NJ** - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.
- P** - The RPD between the results for the two columns exceeds the method-specified criteria.
- Q** - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)
- R** - Analytical results are from sample re-analysis.
- RE** - Analytical results are from sample re-extraction.
- S** - Analytical results are from modified screening analysis.
- V** - The surrogate associated with this target analyte has a recovery outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)
- Z** - The batch matrix spike and/or duplicate associated with this target analyte has a recovery/RPD outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

**Project Name:** FORMER CAYNE TEXTILE**Lab Number:** L2448084**Project Number:** 059294.003**Report Date:** 09/09/24

## REFERENCES

- 1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - VI, 2018.
- 44 Methods for the Determination of Inorganic Substances in Environmental Samples, EPA/600/R-93/100, August 1993.
- 107 Alpha Analytical - In-house calculation method.
- 117 Technical Guidance for the Natural Attenuation Indicators: Methane, Ethane, and Ethene, EPA-NE, Revision 1, February 21, 2002 and Sample Preparation & Calculations for Dissolved Gas Analysis in Water Samples using a GC Headspace Equilibration Technique, EPA RSKSOP-175, Revision 2, May 2004.
- 121 Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WEF. Standard Methods Online.

## LIMITATION OF LIABILITIES

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

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



## Certification Information

---

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

### Westborough Facility

**EPA 624.1:** m/p-xylene, o-xylene, Naphthalene

**EPA 625.1:** alpha-Terpineol

**EPA 8260D:** NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.

**EPA 8270E:** NPW: Dimethylnaphthalene,1,4-Diphenylhydrazine, alpha-Terpineol, Azobenzene; SCM: Dimethylnaphthalene,1,4-Diphenylhydrazine.

**SM4500:** NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO<sub>2</sub>, NO<sub>3</sub>.

### Mansfield Facility

**SM 2540D:** TSS.

**EPA TO-15:** Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene,

3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.

**Nonpotable Water:** EPA RSK-175 Dissolved Gases

**Biological Tissue Matrix:** EPA 3050B

---

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

### Westborough Facility:

#### Drinking Water

**EPA 300.0:** Chloride, Nitrate-N, Fluoride, Sulfate; **EPA 353.2:** Nitrate-N, Nitrite-N; **SM4500NO3-F:** Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE,**

**EPA 180.1, SM2130B, SM4500Cl-D, SM2320B, SM2540C, SM4500H-B, SM4500NO2-B**

**EPA 524.2:** THMs and VOCs; **EPA 504.1:** EDB, DBCP.

**Microbiology:** SM9215B; SM9223-P/A, SM9223B-Colilert-QT, SM9222D.

#### Non-Potable Water

**SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH:** Ammonia-N and Kjeldahl-N, **EPA 350.1:**

Ammonia-N, **LACHAT 10-107-06-1-B:** Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2:** Nitrate-N, **SM4500P-E, SM4500P-B, E, SM4500SO4-E,**

**SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D, EPA 300:** Chloride, Sulfate, Nitrate.

**EPA 624.1:** Volatile Halocarbons & Aromatics,

**EPA 608.3:** Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II,

Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs

**EPA 625.1:** SVOC (Acid/Base/Neutral Extractables).

**Microbiology:** SM9223B-Colilert-QT; Enterolert-QT, EPA 1600, EPA 1603, SM9222D.

### Mansfield Facility:

#### Drinking Water

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

**EPA 522, EPA 537.1.**

#### Non-Potable Water

**EPA 200.7:** Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.

**EPA 200.8:** Al, Sb, As, Be, Cd, Cr, Cu, Fe, Pb, Mn, Ni, K, Se, Ag, Na, TL, Zn.

**EPA 245.1** Hg.

**SM2340B**

---

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

 <b>NEW YORK CHAIN OF CUSTODY</b> Westborough, MA 01581 8 Walkup Dr. TEL: 508-898-0220 FAX: 508-898-9193	<b>NEW YORK CHAIN OF CUSTODY</b> Mansfield, MA 02048 320 Forbes Blvd TEL: 508-822-9300 FAX: 508-822-3288	<b>Service Centers</b> Mahwah, NJ 07430: 35 Whitney Rd, Suite 5 Albany, NY 12205: 14 Walker Way Tonawanda, NY 14150: 275 Cooper Ave, Suite 105	Page 1 of 1	Date Rec'd in Lab <b>8/23/24</b>	ALPHA Job # <b>2448084</b>																																																																																																																																																																																	
		<b>Project Information</b> Project Name: <b>Former Coyne Textile</b> Project Location: <b>Syracuse, NY</b> Project # <b>059294.003</b>		<b>Deliverables</b> <input type="checkbox"/> ASP-A <input checked="" type="checkbox"/> ASP-B <input type="checkbox"/> EQUIS (1 File) <input checked="" type="checkbox"/> EQUIS (4 File) <input type="checkbox"/> Other		<b>Billing Information</b> <input type="checkbox"/> Same as Client Info PO # <b>05929422 C/02</b>																																																																																																																																																																																
<b>Client Information</b> Client: <b>CHA Consulting Inc</b> Address: <b>300 S. State St. Syracuse, NY 13202</b> Phone: <b>315-257-7250</b> Fax: Email: <b>kehman@chasolutions.com</b>		<b>Regulatory Requirement</b> <input checked="" type="checkbox"/> NY TOGS <input type="checkbox"/> NY Part 375 <input type="checkbox"/> AWQ Standards <input type="checkbox"/> NY CP-51 <input type="checkbox"/> NY Restricted Use <input type="checkbox"/> Other <input type="checkbox"/> NY Unrestricted Use <input type="checkbox"/> NYC Sewer Discharge		<b>Disposal Site Information</b> Please identify below location of applicable disposal facilities. Disposal Facility: <input type="checkbox"/> NJ <input type="checkbox"/> NY <input type="checkbox"/> Other:																																																																																																																																																																																		
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Please specify Metals or TAL. <b>Ferric Iron</b>		<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th rowspan="2">ALPHA Lab ID (Lab Use Only)</th> <th rowspan="2">Sample ID</th> <th colspan="2">Collection</th> <th rowspan="2">Sample Matrix</th> <th rowspan="2">Sampler's Initials</th> <th rowspan="2">NYTCL 8260 D</th> <th rowspan="2">TOL</th> <th rowspan="2">Ferric Iron</th> <th rowspan="2">Disgus CO2</th> <th rowspan="2">Disgus (sub)</th> <th rowspan="2">Sulfide H2S</th> <th rowspan="2">ALK-T-2510</th> <th rowspan="2">SO4/Cl/Mg/ferrus</th> <th colspan="3">Sample Filtration</th> </tr> <tr> <th>Date</th> <th>Time</th> <th><input type="checkbox"/> Done</th> <th><input type="checkbox"/> Lab to do</th> <th><input type="checkbox"/> Lab to do</th> </tr> </thead> <tbody> <tr> <td>48084-01-01</td> <td>MW-5R-20240822</td> <td>8-22-24</td> <td>08:50</td> <td>W</td> <td>KE/AH</td> <td>X</td> <td>X</td> <td>X</td> <td>X</td> <td>X</td> <td>X</td> <td>X</td> <td>X</td> <td></td> <td></td> <td></td> <td rowspan="8" style="text-align: center; vertical-align: middle;">                     (Please Specify below)                 </td> </tr> <tr> <td>-02-02</td> <td>MW-10R-20240822</td> <td></td> <td>09:55</td> <td></td> <td></td> <td>X</td> <td>X</td> <td>X</td> <td>X</td> <td>X</td> <td>X</td> <td>X</td> <td>X</td> <td></td> <td></td> <td></td> </tr> <tr> <td>-03-03</td> <td>MW-7R-20240822</td> <td></td> <td>11:00</td> <td></td> <td></td> <td>X</td> <td>X</td> <td>X</td> <td>X</td> <td>X</td> <td>X</td> <td>X</td> <td>X</td> <td></td> <td></td> <td></td> </tr> <tr> <td>-04</td> <td>MS-20240822</td> <td></td> <td>11:00</td> <td></td> <td></td> <td>X</td> <td>X</td> <td>X</td> <td>X</td> <td>X</td> <td>X</td> <td>X</td> <td>X</td> <td></td> <td></td> <td></td> </tr> <tr> <td>-05</td> <td>MSD-20240822</td> <td></td> <td>11:00</td> <td></td> <td></td> <td>X</td> <td>X</td> <td>X</td> <td>X</td> <td>X</td> <td>X</td> <td>X</td> <td>X</td> <td></td> <td></td> <td></td> </tr> <tr> <td>-06-04</td> <td>MW-4-20240822</td> <td></td> <td>12:25</td> <td></td> <td></td> <td>X</td> <td>X</td> <td>X</td> <td>X</td> <td>X</td> <td>X</td> <td>X</td> <td>X</td> <td></td> <td></td> <td></td> </tr> <tr> <td>-07-05</td> <td>MW-10SD-20240822</td> <td></td> <td>13:55</td> <td></td> <td></td> <td>X</td> <td>X</td> <td>X</td> <td>X</td> <td>X</td> <td>X</td> <td>X</td> <td>X</td> <td></td> <td></td> <td></td> </tr> <tr> <td>-08-06</td> <td>CHA-1-20240822</td> <td></td> <td>09:00</td> <td></td> <td></td> <td>X</td> <td>X</td> <td>X</td> <td>X</td> <td>X</td> <td>X</td> <td>X</td> <td>X</td> <td></td> <td></td> <td></td> </tr> <tr> <td>-09-07</td> <td>Trip BLANK</td> <td></td> <td></td> <td></td> <td></td> <td>X</td> <td></td> </tr> </tbody> </table>		ALPHA Lab ID (Lab Use Only)	Sample ID	Collection		Sample Matrix	Sampler's Initials	NYTCL 8260 D	TOL	Ferric Iron	Disgus CO2	Disgus (sub)	Sulfide H2S	ALK-T-2510	SO4/Cl/Mg/ferrus	Sample Filtration			Date	Time	<input type="checkbox"/> Done	<input type="checkbox"/> Lab to do	<input type="checkbox"/> Lab to do	48084-01-01	MW-5R-20240822	8-22-24	08:50	W	KE/AH	X	X	X	X	X	X	X	X				(Please Specify below)	-02-02	MW-10R-20240822		09:55			X	X	X	X	X	X	X	X				-03-03	MW-7R-20240822		11:00			X	X	X	X	X	X	X	X				-04	MS-20240822		11:00			X	X	X	X	X	X	X	X				-05	MSD-20240822		11:00			X	X	X	X	X	X	X	X				-06-04	MW-4-20240822		12:25			X	X	X	X	X	X	X	X				-07-05	MW-10SD-20240822		13:55			X	X	X	X	X	X	X	X				-08-06	CHA-1-20240822		09:00			X	X	X	X	X	X	X	X				-09-07	Trip BLANK					X												<b>Sample Specific Comments</b>	
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Relinquished By: <b>Andrew Hodges</b> Date/Time: <b>8-22-24 1500</b>		Received By: <b>[Signature]</b> Date/Time: <b>8/22/24 1500</b>		Relinquished By: <b>[Signature]</b> Date/Time: <b>8-22-24</b>		Received By: <b>[Signature]</b> Date/Time: <b>8/22/24 1500</b>		Relinquished By: <b>[Signature]</b> Date/Time: <b>8/23/24 0200</b>																																																																																																																																																																														



39 Spruce Street \* East Longmeadow, MA 01028 \* FAX 413/525-6405 \* TEL. 413/525-2332

August 30, 2024

Jennifer Byrnes  
Alpha Analytical Laboratory  
8 Walkup Drive  
Westborough, MA 01581

Project Location: L24448084  
Client Job Number:  
Project Number: L24448084  
Laboratory Work Order Number: 24H3621

Enclosed are results of analyses for samples as received by the laboratory on August 23, 2024. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

A handwritten signature in black ink, appearing to read "Rebecca Faust". The signature is fluid and cursive.

Rebecca Faust  
Project Manager

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39 Spruce Street \* East Longmeadow, MA 01028 \* FAX 413/525-6405 \* TEL. 413/525-2332

Alpha Analytical Laboratory  
 8 Walkup Drive  
 Westborough, MA 01581  
 ATTN: Jennifer Byrnes

REPORT DATE: 8/30/2024

PURCHASE ORDER NUMBER:

PROJECT NUMBER: L24448084

**ANALYTICAL SUMMARY**

WORK ORDER NUMBER: 24H3621

The results of analyses performed on the following samples submitted to CON-TEST, a Pace Analytical Laboratory, are found in this report.

PROJECT LOCATION: L24448084

FIELD SAMPLE #	LAB ID:	MATRIX	SAMPLE DESCRIPTION	TEST	SUB LAB
MW-5R-20240822	24H3621-01	Water		RSK175 SM21-23 4500S-F	
MW-6R-20240822	24H3621-02	Water		RSK175 SM21-23 4500S-F	
MW-7R-20240822	24H3621-03	Water		RSK175 SM21-23 4500S-F	
MW-4-20240822	24H3621-04	Water		RSK175 SM21-23 4500S-F	
MW-105D-20240822	24H3621-05	Water		RSK175 SM21-23 4500S-F	
CHA-1-20240822	24H3621-06	Water		RSK175 SM21-23 4500S-F	

**CASE NARRATIVE SUMMARY**

All reported results are within defined laboratory quality control objectives unless listed below or otherwise qualified in this report.

The results of analyses reported only relate to samples submitted to Con-Test, a Pace Analytical Laboratory, for testing.

I certify that the analyses listed above, unless specifically listed as subcontracted, if any, were performed under my direction according to the approved methodologies listed in this document, and that based upon my inquiry of those individuals immediately responsible for obtaining the information, the material contained in this report is, to the best of my knowledge and belief, accurate and complete.



Meghan E. Kelley  
Reporting Specialist



39 Spruce Street \* East Longmeadow, MA 01028 \* FAX 413/525-6405 \* TEL. 413/525-2332

Project Location: L24448084

Sample Description:

Work Order: 24H3621

Date Received: 8/23/2024

Field Sample #: MW-5R-20240822

Sampled: 8/22/2024 08:50

Sample ID: 24H3621-01

Sample Matrix: Water

## Miscellaneous Organic Analyses

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Ethane	0.039	0.014	0.0013	mg/L	1		RSK175	8/29/24	8/29/24 11:26	TPH
Ethene	0.028	0.017	0.0018	mg/L	1		RSK175	8/29/24	8/29/24 11:26	TPH
Methane	1.2	0.0070	0.0010	mg/L	1		RSK175	8/29/24	8/29/24 11:26	TPH



39 Spruce Street \* East Longmeadow, MA 01028 \* FAX 413/525-6405 \* TEL. 413/525-2332

Project Location: L24448084

Sample Description:

Work Order: 24H3621

Date Received: 8/23/2024

Field Sample #: MW-5R-20240822

Sampled: 8/22/2024 08:50

Sample ID: 24H3621-01

Sample Matrix: Water

Conventional Chemistry Parameters by EPA/PHA/SW-846 Methods (Total)

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Sulfide	ND	2.0	1.8	mg/L	1		SM21-23 4500S-F	8/28/24	8/28/24 9:15	EC



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Project Location: L24448084

Sample Description:

Work Order: 24H3621

Date Received: 8/23/2024

Field Sample #: MW-6R-20240822

Sampled: 8/22/2024 09:55

Sample ID: 24H3621-02

Sample Matrix: Water

## Miscellaneous Organic Analyses

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Ethane	0.52	0.014	0.0013	mg/L	1		RSK175	8/29/24	8/29/24 11:55	TPH
Ethene	0.50	0.017	0.0018	mg/L	1		RSK175	8/29/24	8/29/24 11:55	TPH
Methane	8.9	0.035	0.0050	mg/L	5		RSK175	8/29/24	8/29/24 12:03	TPH



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Project Location: L24448084

Sample Description:

Work Order: 24H3621

Date Received: 8/23/2024

Field Sample #: MW-6R-20240822

Sampled: 8/22/2024 09:55

Sample ID: 24H3621-02

Sample Matrix: Water

Conventional Chemistry Parameters by EPA/PHA/SW-846 Methods (Total)

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Sulfide	ND	2.0	1.8	mg/L	1		SM21-23 4500S-F	8/28/24	8/28/24 9:15	EC



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Project Location: L24448084

Sample Description:

Work Order: 24H3621

Date Received: 8/23/2024

Field Sample #: MW-7R-20240822

Sampled: 8/22/2024 11:00

Sample ID: 24H3621-03

Sample Matrix: Water

## Miscellaneous Organic Analyses

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Ethane	0.017	0.014	0.0013	mg/L	1		RSK175	8/29/24	8/29/24 12:18	TPH
Ethene	0.042	0.017	0.0018	mg/L	1		RSK175	8/29/24	8/29/24 12:18	TPH
Methane	4.1	0.0070	0.0010	mg/L	1		RSK175	8/29/24	8/29/24 12:18	TPH



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Project Location: L24448084

Sample Description:

Work Order: 24H3621

Date Received: 8/23/2024

Field Sample #: MW-7R-20240822

Sampled: 8/22/2024 11:00

Sample ID: 24H3621-03

Sample Matrix: Water

Conventional Chemistry Parameters by EPA/PHA/SW-846 Methods (Total)

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Sulfide	ND	2.0	1.8	mg/L	1		SM21-23 4500S-F	8/28/24	8/28/24 9:15	EC



39 Spruce Street \* East Longmeadow, MA 01028 \* FAX 413/525-6405 \* TEL. 413/525-2332

Project Location: L24448084

Sample Description:

Work Order: 24H3621

Date Received: 8/23/2024

Field Sample #: MW-4-20240822

Sampled: 8/22/2024 12:25

Sample ID: 24H3621-04

Sample Matrix: Water

## Miscellaneous Organic Analyses

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Ethane	0.46	0.014	0.0013	mg/L	1		RSK175	8/29/24	8/29/24 12:47	TPH
Ethene	0.077	0.017	0.0018	mg/L	1		RSK175	8/29/24	8/29/24 12:47	TPH
Methane	10	0.035	0.0050	mg/L	5		RSK175	8/29/24	8/29/24 12:58	TPH



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Project Location: L24448084

Sample Description:

Work Order: 24H3621

Date Received: 8/23/2024

Field Sample #: MW-4-20240822

Sampled: 8/22/2024 12:25

Sample ID: 24H3621-04

Sample Matrix: Water

Conventional Chemistry Parameters by EPA/PHA/SW-846 Methods (Total)

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Sulfide	ND	2.0	1.8	mg/L	1		SM21-23 4500S-F	8/28/24	8/28/24 9:15	EC



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Project Location: L24448084

Sample Description:

Work Order: 24H3621

Date Received: 8/23/2024

Field Sample #: MW-105D-20240822

Sampled: 8/22/2024 13:55

Sample ID: 24H3621-05

Sample Matrix: Water

## Miscellaneous Organic Analyses

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Ethane	ND	0.014	0.0013	mg/L	1		RSK175	8/29/24	8/29/24 13:05	TPH
Ethene	ND	0.017	0.0018	mg/L	1		RSK175	8/29/24	8/29/24 13:05	TPH
Methane	0.81	0.0070	0.0010	mg/L	1		RSK175	8/29/24	8/29/24 13:05	TPH



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Project Location: L24448084

Sample Description:

Work Order: 24H3621

Date Received: 8/23/2024

Field Sample #: MW-105D-20240822

Sampled: 8/22/2024 13:55

Sample ID: 24H3621-05

Sample Matrix: Water

Conventional Chemistry Parameters by EPA/PHA/SW-846 Methods (Total)

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Sulfide	ND	2.0	1.8	mg/L	1		SM21-23 4500S-F	8/28/24	8/28/24 9:15	EC



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Project Location: L24448084

Sample Description:

Work Order: 24H3621

Date Received: 8/23/2024

Field Sample #: CHA-1-20240822

Sampled: 8/22/2024 09:00

Sample ID: 24H3621-06

Sample Matrix: Water

## Miscellaneous Organic Analyses

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Ethane	0.50	0.014	0.0013	mg/L	1		RSK175	8/29/24	8/29/24 13:16	TPH
Ethene	0.48	0.017	0.0018	mg/L	1		RSK175	8/29/24	8/29/24 13:16	TPH
Methane	8.5	0.035	0.0050	mg/L	5		RSK175	8/29/24	8/29/24 13:41	TPH



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Project Location: L24448084

Sample Description:

Work Order: 24H3621

Date Received: 8/23/2024

Field Sample #: CHA-1-20240822

Sampled: 8/22/2024 09:00

Sample ID: 24H3621-06

Sample Matrix: Water

Conventional Chemistry Parameters by EPA/PHA/SW-846 Methods (Total)

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Sulfide	ND	2.0	1.8	mg/L	1		SM21-23 4500S-F	8/28/24	8/28/24 9:15	EC

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**Sample Extraction Data**
**Prep Method:RSK175    Analytical Method:RSK175**

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date
24H3621-01 [MW-5R-20240822]	B384705	1.00	1.00	08/29/24
24H3621-02 [MW-6R-20240822]	B384705	1.00	1.00	08/29/24
24H3621-02RE1 [MW-6R-20240822]	B384705	1.00	1.00	08/29/24
24H3621-03 [MW-7R-20240822]	B384705	1.00	1.00	08/29/24
24H3621-04 [MW-4-20240822]	B384705	1.00	1.00	08/29/24
24H3621-04RE1 [MW-4-20240822]	B384705	1.00	1.00	08/29/24
24H3621-05 [MW-105D-20240822]	B384705	1.00	1.00	08/29/24
24H3621-06 [CHA-1-20240822]	B384705	1.00	1.00	08/29/24
24H3621-06RE1 [CHA-1-20240822]	B384705	1.00	1.00	08/29/24

**SM21-23 4500S-F**

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date
24H3621-01 [MW-5R-20240822]	B384278	200	200	08/28/24
24H3621-02 [MW-6R-20240822]	B384278	200	200	08/28/24
24H3621-03 [MW-7R-20240822]	B384278	200	200	08/28/24
24H3621-04 [MW-4-20240822]	B384278	200	200	08/28/24
24H3621-05 [MW-105D-20240822]	B384278	200	200	08/28/24
24H3621-06 [CHA-1-20240822]	B384278	200	200	08/28/24

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**QUALITY CONTROL****Miscellaneous Organic Analyses - Quality Control**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
<b>Batch B384705 - RSK175</b>										
<b>Blank (B384705-BLK1)</b>										
Prepared & Analyzed: 08/29/24										
Ethane	ND	0.014	mg/L							
Ethene	ND	0.017	mg/L							
Methane	ND	0.0070	mg/L							
<b>LCS (B384705-BS1)</b>										
Prepared & Analyzed: 08/29/24										
Ethane	0.36		mg/L	0.349		102	65.9-110			
Ethene	0.32		mg/L	0.326		98.8	62.8-110			
Methane	0.18		mg/L	0.185		98.9	63.8-110			
<b>Duplicate (B384705-DUP1)</b>										
<b>Source: 24H3621-01</b>										
Prepared & Analyzed: 08/29/24										
Ethane	0.0385	0.014	mg/L		0.0395			2.51	20	
Ethene	0.0272	0.017	mg/L		0.0279			2.43	20	
Methane	1.17	0.0070	mg/L		1.19			2.45	20	
<b>Matrix Spike (B384705-MS1)</b>										
<b>Source: 24H3621-03</b>										
Prepared & Analyzed: 08/29/24										
Ethane	0.343		mg/L	0.335	0.0175	97.1	0-200			
Ethene	0.333		mg/L	0.314	0.0416	92.8	0-200			
Methane	4.30		mg/L	0.178	4.15	86.9	0-200			
<b>Matrix Spike Dup (B384705-MSD1)</b>										
<b>Source: 24H3621-03</b>										
Prepared & Analyzed: 08/29/24										
Ethane	0.328		mg/L	0.335	0.0175	92.5	0-200	4.57		
Ethene	0.324		mg/L	0.314	0.0416	90.1	0-200	2.53		
Methane	4.19		mg/L	0.178	4.15	24.2	0-200	2.63		



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**QUALITY CONTROL****Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total) - Quality Control**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
<b>Batch B384278 - SM21-23 4500S-F</b>										
<b>Blank (B384278-BLK1)</b>				Prepared & Analyzed: 08/28/24						
Sulfide	ND	2.0	mg/L							
<b>LCS (B384278-BS1)</b>				Prepared & Analyzed: 08/28/24						
Sulfide	9.2	2.0	mg/L	10.0		92.0	79.7-122			
<b>Matrix Spike (B384278-MS1)</b>				Source: 24H3621-03 Prepared & Analyzed: 08/28/24						
Sulfide	8.00	2.0	mg/L	10.0	ND	80.0	42.2-141			
<b>Matrix Spike Dup (B384278-MSD1)</b>				Source: 24H3621-03 Prepared & Analyzed: 08/28/24						
Sulfide	8.40	2.0	mg/L	10.0	ND	84.0	42.2-141	4.88	22.7	

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**FLAG/QUALIFIER SUMMARY**

*	QC result is outside of established limits.
†	Wide recovery limits established for difficult compound.
‡	Wide RPD limits established for difficult compound.
#	Data exceeded client recommended or regulatory level
ND	Not Detected
RL	Reporting Limit is at the level of quantitation (LOQ)
DL	Detection Limit is the lower limit of detection determined by the MDL study
MCL	Maximum Contaminant Level

Percent recoveries and relative percent differences (RPDs) are determined by the software using values in the calculation which have not been rounded.

No results have been blank subtracted unless specified in the case narrative section.

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**CERTIFICATIONS****Certified Analyses included in this Report**

Analyte	Certifications
<b>RSK175 in Water</b>	
Ethane	VA,NY,ME
Ethene	VA,NY,ME
Methane	VA,NY,ME
<b>SM21-23 4500S-F in Water</b>	
Sulfide	NY,NH,RI,NC,ME,CT

Con-Test, a Pace Environmental Laboratory, operates under the following certifications and accreditations:

Code	Description	Number	Expires
CT	Connecticut Department of Public Health	PH-0821	12/31/2024
NY	New York State Department of Health	10899 NELAP	04/1/2025
NH	New Hampshire Environmental Lab	2516 NELAP	02/5/2025
RI	Rhode Island Department of Health	LAO00373	12/30/2024
NC	North Carolina Div. of Water Quality	652	12/31/2024
ME	State of Maine	MA00100	06/9/2025
VA	Commonwealth of Virginia	460217	12/14/2024

	<b>Subcontract Chain of Custody</b> Pace New England 39 Spruce St East Longmeadow, MA 01028  <i>241-13621</i>	<b>Alpha Job Number</b> L2448084			
<b>Regulatory Requirements/Report Limits</b>					
<b>Project Information</b>					
Client: Alpha Analytical Labs Address: Eight Walkup Drive Westborough, MA 01581-1019  Phone: 716.427.5228 Email: Jennifer.Byrnes@pacelabs.com	Project Location: NY Project Manager: Jennifer Byrnes  Turnaround & Deliverables Information  Due Date: Deliverables:	State/Federal Program: Regulatory Criteria: NY-TOGS-GA			
<b>Project Specific Requirements and/or Report Requirements</b>					
Reference following Alpha Job Number on final report/deliverables: L2448084      Report to include Method Blank, LCS/LCSD:  Additional Comments: Invoices to: invoices@pacelabs.coupaost.com    Reports to: west.subreports@pacelabs.com					
<b>Analysis</b>					
Lab ID  1 2 3 4 5 6	Client ID  MW-5R-20240822 MW-6R-20240822 MW-7R-20240822 MW-4-20240822 MW-105D-20240822 CHA-1-20240822	Collection Date/Time  08-22-24 08:50 08-22-24 09:55 08-22-24 11:00 08-22-24 12:25 08-22-24 13:55 08-22-24 09:00	Sample Matrix  WATER WATER WATER WATER WATER WATER	Analysis  Dissolved Gasses; Sulfide Dissolved Gasses; Sulfide Dissolved Gasses; Sulfide Dissolved Gasses; Sulfide Dissolved Gasses; Sulfide Dissolved Gasses; Sulfide	Batch QC  NS;MSD
<b>Relinquished By:</b>			<b>Received By:</b>		
					
Date/Time: 8/23/24 06:17 8/23/24 08:05			Date/Time: 8/23/24 06:17 8/23/24 8:05		
Form No: AL_subcoc					







## ANALYTICAL REPORT

Lab Number:	L2466514
Client:	CHA Companies One Park Place 300 South State St., Suite 600 Syracuse, NY 13202
ATTN:	Samantha Miller
Phone:	(315) 471-3920
Project Name:	JMA WIRELESS
Project Number:	059294.003
Report Date:	11/30/24

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

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

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



**Project Name:** JMA WIRELESS  
**Project Number:** 059294.003

**Lab Number:** L2466514  
**Report Date:** 11/30/24

<b>Alpha Sample ID</b>	<b>Client ID</b>	<b>Matrix</b>	<b>Sample Location</b>	<b>Collection Date/Time</b>	<b>Receive Date</b>
L2466514-01	MW-105D-20241113	WATER	SYRACUSE, NY	11/13/24 10:00	11/13/24
L2466514-02	MW-7R-20241113	WATER	SYRACUSE, NY	11/13/24 11:10	11/13/24
L2466514-03	MW-6R-20241113	WATER	SYRACUSE, NY	11/13/24 12:30	11/13/24
L2466514-04	MW-5R-20241113	WATER	SYRACUSE, NY	11/13/24 13:25	11/13/24
L2466514-05	MW-4-20241113	WATER	SYRACUSE, NY	11/13/24 14:15	11/13/24
L2466514-06	CHA-1-20241113	WATER	SYRACUSE, NY	11/13/24 09:00	11/13/24
L2466514-07	TRIPBLANK-20241113	WATER	SYRACUSE, NY	11/13/24 00:00	11/13/24

**Project Name:** JMA WIRELESS  
**Project Number:** 059294.003

**Lab Number:** L2466514  
**Report Date:** 11/30/24

### Case Narrative

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

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

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

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

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

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

---

**Project Name:** JMA WIRELESS  
**Project Number:** 059294.003

**Lab Number:** L2466514  
**Report Date:** 11/30/24

### Case Narrative (continued)

#### Report Submission

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

The analyses of Dissolved Gases and Sulfide were subcontracted. A copy of the laboratory report is included as an addendum. Please note: This data is only available in PDF format and is not available on Data Merger.

#### Carbon Dioxide

The WG1999463-4/-5 MS/MSD recoveries, performed on L2466514-01, are outside the acceptance criteria for carbon dioxide (136%/129%). The unacceptable percent recoveries are attributed to the elevated concentrations of target compounds present in the native sample.

#### Iron, Ferrous

The WG1997264-4/-5 MS/MSD recoveries, performed on L2466514-01, is outside the acceptance criteria for iron, ferrous (126%/128%); however, the associated LCS/LCSD recoveries are within criteria. No further action was taken.

#### Anions by Ion Chromatography

The WG1997472-3/-4 MS/MSD recoveries, performed on L2466514-01, are outside the acceptance criteria for chloride (88%/88%); however, the associated LCS/LCSD recoveries are within criteria. No further action was taken.

#### Alkalinity, Total

The WG1998002-8 MS recovery for alkalinity, total (0%), performed on L2466514-01, does not apply because the sample concentration is greater than four times the spike amount added.

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

Authorized Signature:

 Cristin Walker

Title: Technical Director/Representative

Date: 11/30/24

# ORGANICS

# VOLATILES

**Project Name:** JMA WIRELESS**Lab Number:** L2466514**Project Number:** 059294.003**Report Date:** 11/30/24**SAMPLE RESULTS**

Lab ID: L2466514-01  
 Client ID: MW-105D-20241113  
 Sample Location: SYRACUSE, NY

Date Collected: 11/13/24 10:00  
 Date Received: 11/13/24  
 Field Prep: Not Specified

Sample Depth:

Matrix: Water  
 Analytical Method: 1,8260D  
 Analytical Date: 11/19/24 03:18  
 Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Volatile Organics by GC/MS - Westborough Lab</b>						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	18		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1

Project Name: JMA WIRELESS

Lab Number: L2466514

Project Number: 059294.003

Report Date: 11/30/24

## SAMPLE RESULTS

Lab ID: L2466514-01  
 Client ID: MW-105D-20241113  
 Sample Location: SYRACUSE, NY

Date Collected: 11/13/24 10:00  
 Date Received: 11/13/24  
 Field Prep: Not Specified

Sample Depth:

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

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	102		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	99		70-130
Dibromofluoromethane	101		70-130

**Project Name:** JMA WIRELESS**Lab Number:** L2466514**Project Number:** 059294.003**Report Date:** 11/30/24**SAMPLE RESULTS**

Lab ID: L2466514-01  
 Client ID: MW-105D-20241113  
 Sample Location: SYRACUSE, NY

Date Collected: 11/13/24 10:00  
 Date Received: 11/13/24  
 Field Prep: Not Specified

Sample Depth:

Matrix: Water

Analytical Method: 117,-

Analytical Date: 11/19/24 15:50

Analyst: MLM

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Dissolved Gases by GC - Mansfield Lab						
Carbon Dioxide	71.7		mg/l	3.00	3.00	1

**Project Name:** JMA WIRELESS**Lab Number:** L2466514**Project Number:** 059294.003**Report Date:** 11/30/24**SAMPLE RESULTS**

Lab ID: L2466514-02  
 Client ID: MW-7R-20241113  
 Sample Location: SYRACUSE, NY

Date Collected: 11/13/24 11:10  
 Date Received: 11/13/24  
 Field Prep: Not Specified

Sample Depth:

Matrix: Water

Analytical Method: 117,-

Analytical Date: 11/19/24 16:55

Analyst: MLM

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Dissolved Gases by GC - Mansfield Lab						
Carbon Dioxide	45.2		mg/l	3.00	3.00	1

**Project Name:** JMA WIRELESS**Lab Number:** L2466514**Project Number:** 059294.003**Report Date:** 11/30/24**SAMPLE RESULTS**

Lab ID: L2466514-02 D

Date Collected: 11/13/24 11:10

Client ID: MW-7R-20241113

Date Received: 11/13/24

Sample Location: SYRACUSE, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Water

Analytical Method: 1,8260D

Analytical Date: 11/19/24 03:43

Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Volatile Organics by GC/MS - Westborough Lab</b>						
Methylene chloride	ND		ug/l	25	7.0	10
1,1-Dichloroethane	ND		ug/l	25	7.0	10
Chloroform	ND		ug/l	25	7.0	10
Carbon tetrachloride	ND		ug/l	5.0	1.3	10
1,2-Dichloropropane	ND		ug/l	10	1.4	10
Dibromochloromethane	ND		ug/l	5.0	1.5	10
1,1,2-Trichloroethane	ND		ug/l	15	5.0	10
Tetrachloroethene	ND		ug/l	5.0	1.8	10
Chlorobenzene	ND		ug/l	25	7.0	10
Trichlorofluoromethane	ND		ug/l	25	7.0	10
1,2-Dichloroethane	ND		ug/l	5.0	1.3	10
1,1,1-Trichloroethane	ND		ug/l	25	7.0	10
Bromodichloromethane	ND		ug/l	5.0	1.9	10
trans-1,3-Dichloropropene	ND		ug/l	5.0	1.6	10
cis-1,3-Dichloropropene	ND		ug/l	5.0	1.4	10
Bromoform	ND		ug/l	20	6.5	10
1,1,2,2-Tetrachloroethane	ND		ug/l	5.0	1.7	10
Benzene	ND		ug/l	5.0	1.6	10
Toluene	ND		ug/l	25	7.0	10
Ethylbenzene	ND		ug/l	25	7.0	10
Chloromethane	ND		ug/l	25	7.0	10
Bromomethane	ND		ug/l	25	7.0	10
Vinyl chloride	640		ug/l	10	0.71	10
Chloroethane	ND		ug/l	25	7.0	10
1,1-Dichloroethene	3.9	J	ug/l	5.0	1.7	10
trans-1,2-Dichloroethene	ND		ug/l	25	7.0	10
Trichloroethene	ND		ug/l	5.0	1.8	10
1,2-Dichlorobenzene	ND		ug/l	25	7.0	10

Project Name: JMA WIRELESS

Lab Number: L2466514

Project Number: 059294.003

Report Date: 11/30/24

## SAMPLE RESULTS

Lab ID: L2466514-02 D

Date Collected: 11/13/24 11:10

Client ID: MW-7R-20241113

Date Received: 11/13/24

Sample Location: SYRACUSE, NY

Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/l	25	7.0	10
1,4-Dichlorobenzene	ND		ug/l	25	7.0	10
Methyl tert butyl ether	ND		ug/l	25	1.7	10
p/m-Xylene	ND		ug/l	25	7.0	10
o-Xylene	ND		ug/l	25	7.0	10
cis-1,2-Dichloroethene	1000		ug/l	25	7.0	10
Styrene	ND		ug/l	25	7.0	10
Dichlorodifluoromethane	ND		ug/l	50	10.	10
Acetone	ND		ug/l	50	15.	10
Carbon disulfide	ND		ug/l	50	10.	10
2-Butanone	ND		ug/l	50	19.	10
4-Methyl-2-pentanone	ND		ug/l	50	10.	10
2-Hexanone	ND		ug/l	50	10.	10
Bromochloromethane	ND		ug/l	25	7.0	10
1,2-Dibromoethane	ND		ug/l	20	6.5	10
1,2-Dibromo-3-chloropropane	ND		ug/l	25	7.0	10
Isopropylbenzene	ND		ug/l	25	7.0	10
1,2,3-Trichlorobenzene	ND		ug/l	25	7.0	10
1,2,4-Trichlorobenzene	ND		ug/l	25	7.0	10
Methyl Acetate	ND		ug/l	20	2.3	10
Cyclohexane	ND		ug/l	100	2.7	10
1,4-Dioxane	ND		ug/l	2500	610	10
Freon-113	ND		ug/l	25	7.0	10
Methyl cyclohexane	ND		ug/l	100	4.0	10

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	100		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	99		70-130
Dibromofluoromethane	105		70-130

**Project Name:** JMA WIRELESS**Lab Number:** L2466514**Project Number:** 059294.003**Report Date:** 11/30/24**SAMPLE RESULTS**

Lab ID: L2466514-03  
 Client ID: MW-6R-20241113  
 Sample Location: SYRACUSE, NY

Date Collected: 11/13/24 12:30  
 Date Received: 11/13/24  
 Field Prep: Not Specified

Sample Depth:

Matrix: Water

Analytical Method: 117,-

Analytical Date: 11/19/24 17:14

Analyst: MLM

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Dissolved Gases by GC - Mansfield Lab						
Carbon Dioxide	ND		mg/l	3.00	3.00	1

**Project Name:** JMA WIRELESS**Lab Number:** L2466514**Project Number:** 059294.003**Report Date:** 11/30/24**SAMPLE RESULTS**

Lab ID: L2466514-03 D

Date Collected: 11/13/24 12:30

Client ID: MW-6R-20241113

Date Received: 11/13/24

Sample Location: SYRACUSE, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Water

Analytical Method: 1,8260D

Analytical Date: 11/19/24 04:08

Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Volatile Organics by GC/MS - Westborough Lab</b>						
Methylene chloride	ND		ug/l	50	14.	20
1,1-Dichloroethane	ND		ug/l	50	14.	20
Chloroform	ND		ug/l	50	14.	20
Carbon tetrachloride	ND		ug/l	10	2.7	20
1,2-Dichloropropane	ND		ug/l	20	2.7	20
Dibromochloromethane	ND		ug/l	10	3.0	20
1,1,2-Trichloroethane	ND		ug/l	30	10.	20
Tetrachloroethene	4.8	J	ug/l	10	3.6	20
Chlorobenzene	ND		ug/l	50	14.	20
Trichlorofluoromethane	ND		ug/l	50	14.	20
1,2-Dichloroethane	ND		ug/l	10	2.6	20
1,1,1-Trichloroethane	ND		ug/l	50	14.	20
Bromodichloromethane	ND		ug/l	10	3.8	20
trans-1,3-Dichloropropene	ND		ug/l	10	3.3	20
cis-1,3-Dichloropropene	ND		ug/l	10	2.9	20
Bromoform	ND		ug/l	40	13.	20
1,1,2,2-Tetrachloroethane	ND		ug/l	10	3.3	20
Benzene	3.8	J	ug/l	10	3.2	20
Toluene	ND		ug/l	50	14.	20
Ethylbenzene	ND		ug/l	50	14.	20
Chloromethane	ND		ug/l	50	14.	20
Bromomethane	ND		ug/l	50	14.	20
Vinyl chloride	2600		ug/l	20	1.4	20
Chloroethane	ND		ug/l	50	14.	20
1,1-Dichloroethene	3.8	J	ug/l	10	3.4	20
trans-1,2-Dichloroethene	ND		ug/l	50	14.	20
Trichloroethene	9.3	J	ug/l	10	3.5	20
1,2-Dichlorobenzene	ND		ug/l	50	14.	20

Project Name: JMA WIRELESS

Lab Number: L2466514

Project Number: 059294.003

Report Date: 11/30/24

## SAMPLE RESULTS

Lab ID: L2466514-03 D

Date Collected: 11/13/24 12:30

Client ID: MW-6R-20241113

Date Received: 11/13/24

Sample Location: SYRACUSE, NY

Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/l	50	14.	20
1,4-Dichlorobenzene	ND		ug/l	50	14.	20
Methyl tert butyl ether	ND		ug/l	50	3.3	20
p/m-Xylene	ND		ug/l	50	14.	20
o-Xylene	ND		ug/l	50	14.	20
cis-1,2-Dichloroethene	2500		ug/l	50	14.	20
Styrene	ND		ug/l	50	14.	20
Dichlorodifluoromethane	ND		ug/l	100	20.	20
Acetone	ND		ug/l	100	29.	20
Carbon disulfide	ND		ug/l	100	20.	20
2-Butanone	ND		ug/l	100	39.	20
4-Methyl-2-pentanone	ND		ug/l	100	20.	20
2-Hexanone	ND		ug/l	100	20.	20
Bromochloromethane	ND		ug/l	50	14.	20
1,2-Dibromoethane	ND		ug/l	40	13.	20
1,2-Dibromo-3-chloropropane	ND		ug/l	50	14.	20
Isopropylbenzene	ND		ug/l	50	14.	20
1,2,3-Trichlorobenzene	ND		ug/l	50	14.	20
1,2,4-Trichlorobenzene	ND		ug/l	50	14.	20
Methyl Acetate	ND		ug/l	40	4.7	20
Cyclohexane	ND		ug/l	200	5.4	20
1,4-Dioxane	ND		ug/l	5000	1200	20
Freon-113	ND		ug/l	50	14.	20
Methyl cyclohexane	ND		ug/l	200	7.9	20

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	100		70-130
Toluene-d8	99		70-130
4-Bromofluorobenzene	98		70-130
Dibromofluoromethane	103		70-130

**Project Name:** JMA WIRELESS**Lab Number:** L2466514**Project Number:** 059294.003**Report Date:** 11/30/24**SAMPLE RESULTS**

Lab ID: L2466514-04  
 Client ID: MW-5R-20241113  
 Sample Location: SYRACUSE, NY

Date Collected: 11/13/24 13:25  
 Date Received: 11/13/24  
 Field Prep: Not Specified

Sample Depth:

Matrix: Water  
 Analytical Method: 1,8260D  
 Analytical Date: 11/19/24 04:32  
 Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Volatile Organics by GC/MS - Westborough Lab</b>						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	49		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	0.67		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	280	E	ug/l	1.0	0.07	1
Chloroethane	0.97	J	ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Trichloroethene	10		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1

Project Name: JMA WIRELESS

Lab Number: L2466514

Project Number: 059294.003

Report Date: 11/30/24

## SAMPLE RESULTS

Lab ID: L2466514-04  
 Client ID: MW-5R-20241113  
 Sample Location: SYRACUSE, NY

Date Collected: 11/13/24 13:25  
 Date Received: 11/13/24  
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.17	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	29		ug/l	2.5	0.70	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl Acetate	ND		ug/l	2.0	0.23	1
Cyclohexane	ND		ug/l	10	0.27	1
1,4-Dioxane	ND		ug/l	250	61.	1
Freon-113	ND		ug/l	2.5	0.70	1
Methyl cyclohexane	ND		ug/l	10	0.40	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	99		70-130
Toluene-d8	99		70-130
4-Bromofluorobenzene	98		70-130
Dibromofluoromethane	102		70-130

**Project Name:** JMA WIRELESS**Lab Number:** L2466514**Project Number:** 059294.003**Report Date:** 11/30/24**SAMPLE RESULTS**

Lab ID: L2466514-04  
 Client ID: MW-5R-20241113  
 Sample Location: SYRACUSE, NY

Date Collected: 11/13/24 13:25  
 Date Received: 11/13/24  
 Field Prep: Not Specified

Sample Depth:

Matrix: Water

Analytical Method: 117,-

Analytical Date: 11/19/24 17:33

Analyst: MLM

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Dissolved Gases by GC - Mansfield Lab						
Carbon Dioxide	28.5		mg/l	3.00	3.00	1

**Project Name:** JMA WIRELESS**Lab Number:** L2466514**Project Number:** 059294.003**Report Date:** 11/30/24**SAMPLE RESULTS**

Lab ID: L2466514-04 D

Date Collected: 11/13/24 13:25

Client ID: MW-5R-20241113

Date Received: 11/13/24

Sample Location: SYRACUSE, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Water

Analytical Method: 1,8260D

Analytical Date: 11/19/24 22:17

Analyst: MJV

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

Vinyl chloride	250		ug/l	5.0	0.36	5
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	110		70-130
Toluene-d8	97		70-130
4-Bromofluorobenzene	100		70-130
Dibromofluoromethane	121		70-130

**Project Name:** JMA WIRELESS  
**Project Number:** 059294.003

**Lab Number:** L2466514  
**Report Date:** 11/30/24

**SAMPLE RESULTS**

Lab ID: L2466514-05  
 Client ID: MW-4-20241113  
 Sample Location: SYRACUSE, NY

Date Collected: 11/13/24 14:15  
 Date Received: 11/13/24  
 Field Prep: Not Specified

Sample Depth:

Matrix: Water  
 Analytical Method: 1,8260D  
 Analytical Date: 11/19/24 04:57  
 Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Volatile Organics by GC/MS - Westborough Lab</b>						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	0.45	J	ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	150		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1

**Project Name:** JMA WIRELESS  
**Project Number:** 059294.003

**Lab Number:** L2466514  
**Report Date:** 11/30/24

**SAMPLE RESULTS**

**Lab ID:** L2466514-05  
**Client ID:** MW-4-20241113  
**Sample Location:** SYRACUSE, NY

**Date Collected:** 11/13/24 14:15  
**Date Received:** 11/13/24  
**Field Prep:** Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Volatile Organics by GC/MS - Westborough Lab</b>						
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.17	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	52		ug/l	2.5	0.70	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl Acetate	ND		ug/l	2.0	0.23	1
Cyclohexane	ND		ug/l	10	0.27	1
1,4-Dioxane	ND		ug/l	250	61.	1
Freon-113	ND		ug/l	2.5	0.70	1
Methyl cyclohexane	ND		ug/l	10	0.40	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	101		70-130
Toluene-d8	99		70-130
4-Bromofluorobenzene	99		70-130
Dibromofluoromethane	104		70-130

**Project Name:** JMA WIRELESS**Lab Number:** L2466514**Project Number:** 059294.003**Report Date:** 11/30/24**SAMPLE RESULTS**

Lab ID: L2466514-05  
 Client ID: MW-4-20241113  
 Sample Location: SYRACUSE, NY

Date Collected: 11/13/24 14:15  
 Date Received: 11/13/24  
 Field Prep: Not Specified

Sample Depth:

Matrix: Water

Analytical Method: 117,-

Analytical Date: 11/19/24 17:51

Analyst: MLM

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Dissolved Gases by GC - Mansfield Lab						
Carbon Dioxide	49.6		mg/l	3.00	3.00	1

**Project Name:** JMA WIRELESS**Lab Number:** L2466514**Project Number:** 059294.003**Report Date:** 11/30/24**SAMPLE RESULTS**

Lab ID: L2466514-06  
 Client ID: CHA-1-20241113  
 Sample Location: SYRACUSE, NY

Date Collected: 11/13/24 09:00  
 Date Received: 11/13/24  
 Field Prep: Not Specified

Sample Depth:

Matrix: Water

Analytical Method: 117,-

Analytical Date: 11/19/24 18:11

Analyst: MLM

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Dissolved Gases by GC - Mansfield Lab						
Carbon Dioxide	ND		mg/l	3.00	3.00	1

**Project Name:** JMA WIRELESS**Lab Number:** L2466514**Project Number:** 059294.003**Report Date:** 11/30/24**SAMPLE RESULTS**

Lab ID: L2466514-06 D

Date Collected: 11/13/24 09:00

Client ID: CHA-1-20241113

Date Received: 11/13/24

Sample Location: SYRACUSE, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Water

Analytical Method: 1,8260D

Analytical Date: 11/19/24 05:22

Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Volatile Organics by GC/MS - Westborough Lab</b>						
Methylene chloride	ND		ug/l	25	7.0	10
1,1-Dichloroethane	ND		ug/l	25	7.0	10
Chloroform	ND		ug/l	25	7.0	10
Carbon tetrachloride	ND		ug/l	5.0	1.3	10
1,2-Dichloropropane	ND		ug/l	10	1.4	10
Dibromochloromethane	ND		ug/l	5.0	1.5	10
1,1,2-Trichloroethane	ND		ug/l	15	5.0	10
Tetrachloroethene	ND		ug/l	5.0	1.8	10
Chlorobenzene	ND		ug/l	25	7.0	10
Trichlorofluoromethane	ND		ug/l	25	7.0	10
1,2-Dichloroethane	ND		ug/l	5.0	1.3	10
1,1,1-Trichloroethane	ND		ug/l	25	7.0	10
Bromodichloromethane	ND		ug/l	5.0	1.9	10
trans-1,3-Dichloropropene	ND		ug/l	5.0	1.6	10
cis-1,3-Dichloropropene	ND		ug/l	5.0	1.4	10
Bromoform	ND		ug/l	20	6.5	10
1,1,2,2-Tetrachloroethane	ND		ug/l	5.0	1.7	10
Benzene	ND		ug/l	5.0	1.6	10
Toluene	ND		ug/l	25	7.0	10
Ethylbenzene	ND		ug/l	25	7.0	10
Chloromethane	ND		ug/l	25	7.0	10
Bromomethane	ND		ug/l	25	7.0	10
Vinyl chloride	630		ug/l	10	0.71	10
Chloroethane	ND		ug/l	25	7.0	10
1,1-Dichloroethene	3.9	J	ug/l	5.0	1.7	10
trans-1,2-Dichloroethene	ND		ug/l	25	7.0	10
Trichloroethene	ND		ug/l	5.0	1.8	10
1,2-Dichlorobenzene	ND		ug/l	25	7.0	10

Project Name: JMA WIRELESS

Lab Number: L2466514

Project Number: 059294.003

Report Date: 11/30/24

## SAMPLE RESULTS

Lab ID: L2466514-06 D

Date Collected: 11/13/24 09:00

Client ID: CHA-1-20241113

Date Received: 11/13/24

Sample Location: SYRACUSE, NY

Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/l	25	7.0	10
1,4-Dichlorobenzene	ND		ug/l	25	7.0	10
Methyl tert butyl ether	ND		ug/l	25	1.7	10
p/m-Xylene	ND		ug/l	25	7.0	10
o-Xylene	ND		ug/l	25	7.0	10
cis-1,2-Dichloroethene	1000		ug/l	25	7.0	10
Styrene	ND		ug/l	25	7.0	10
Dichlorodifluoromethane	ND		ug/l	50	10.	10
Acetone	ND		ug/l	50	15.	10
Carbon disulfide	ND		ug/l	50	10.	10
2-Butanone	ND		ug/l	50	19.	10
4-Methyl-2-pentanone	ND		ug/l	50	10.	10
2-Hexanone	ND		ug/l	50	10.	10
Bromochloromethane	ND		ug/l	25	7.0	10
1,2-Dibromoethane	ND		ug/l	20	6.5	10
1,2-Dibromo-3-chloropropane	ND		ug/l	25	7.0	10
Isopropylbenzene	ND		ug/l	25	7.0	10
1,2,3-Trichlorobenzene	ND		ug/l	25	7.0	10
1,2,4-Trichlorobenzene	ND		ug/l	25	7.0	10
Methyl Acetate	ND		ug/l	20	2.3	10
Cyclohexane	ND		ug/l	100	2.7	10
1,4-Dioxane	ND		ug/l	2500	610	10
Freon-113	ND		ug/l	25	7.0	10
Methyl cyclohexane	ND		ug/l	100	4.0	10

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	105		70-130
Toluene-d8	99		70-130
4-Bromofluorobenzene	97		70-130
Dibromofluoromethane	108		70-130

**Project Name:** JMA WIRELESS**Lab Number:** L2466514**Project Number:** 059294.003**Report Date:** 11/30/24**SAMPLE RESULTS**

Lab ID: L2466514-07  
 Client ID: TRIPBLANK-20241113  
 Sample Location: SYRACUSE, NY

Date Collected: 11/13/24 00:00  
 Date Received: 11/13/24  
 Field Prep: Not Specified

Sample Depth:

Matrix: Water  
 Analytical Method: 1,8260D  
 Analytical Date: 11/19/24 05:47  
 Analyst: PID

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

Project Name: JMA WIRELESS

Lab Number: L2466514

Project Number: 059294.003

Report Date: 11/30/24

## SAMPLE RESULTS

Lab ID: L2466514-07  
 Client ID: TRIPBLANK-20241113  
 Sample Location: SYRACUSE, NY

Date Collected: 11/13/24 00:00  
 Date Received: 11/13/24  
 Field Prep: Not Specified

Sample Depth:

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

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	101		70-130
Toluene-d8	99		70-130
4-Bromofluorobenzene	96		70-130
Dibromofluoromethane	101		70-130

**Project Name:** JMA WIRELESS  
**Project Number:** 059294.003

**Lab Number:** L2466514  
**Report Date:** 11/30/24

**Method Blank Analysis**  
**Batch Quality Control**

Analytical Method: 117,-  
Analytical Date: 11/19/24 12:55  
Analyst: MLM

<b>Parameter</b>	<b>Result</b>	<b>Qualifier</b>	<b>Units</b>	<b>RL</b>	<b>MDL</b>
Dissolved Gases by GC - Mansfield Lab for sample(s): 01-06 Batch: WG1999463-3					
Carbon Dioxide	ND		mg/l	3.00	3.00

**Project Name:** JMA WIRELESS  
**Project Number:** 059294.003

**Lab Number:** L2466514  
**Report Date:** 11/30/24

**Method Blank Analysis**  
**Batch Quality Control**

Analytical Method: 1,8260D  
Analytical Date: 11/19/24 01:14  
Analyst: TMS

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-07 Batch: WG1999519-5					
Methylene chloride	ND		ug/l	2.5	0.70
1,1-Dichloroethane	ND		ug/l	2.5	0.70
Chloroform	ND		ug/l	2.5	0.70
Carbon tetrachloride	ND		ug/l	0.50	0.13
1,2-Dichloropropane	ND		ug/l	1.0	0.14
Dibromochloromethane	ND		ug/l	0.50	0.15
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50
Tetrachloroethene	ND		ug/l	0.50	0.18
Chlorobenzene	ND		ug/l	2.5	0.70
Trichlorofluoromethane	ND		ug/l	2.5	0.70
1,2-Dichloroethane	ND		ug/l	0.50	0.13
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70
Bromodichloromethane	ND		ug/l	0.50	0.19
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14
Bromoform	ND		ug/l	2.0	0.65
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17
Benzene	ND		ug/l	0.50	0.16
Toluene	ND		ug/l	2.5	0.70
Ethylbenzene	ND		ug/l	2.5	0.70
Chloromethane	ND		ug/l	2.5	0.70
Bromomethane	ND		ug/l	2.5	0.70
Vinyl chloride	ND		ug/l	1.0	0.07
Chloroethane	ND		ug/l	2.5	0.70
1,1-Dichloroethene	ND		ug/l	0.50	0.17
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70
Trichloroethene	ND		ug/l	0.50	0.18
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70

**Project Name:** JMA WIRELESS  
**Project Number:** 059294.003

**Lab Number:** L2466514  
**Report Date:** 11/30/24

**Method Blank Analysis**  
**Batch Quality Control**

Analytical Method: 1,8260D  
Analytical Date: 11/19/24 01:14  
Analyst: TMS

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-07 Batch: WG1999519-5					
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70
Methyl tert butyl ether	ND		ug/l	2.5	0.17
p/m-Xylene	ND		ug/l	2.5	0.70
o-Xylene	ND		ug/l	2.5	0.70
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70
Styrene	ND		ug/l	2.5	0.70
Dichlorodifluoromethane	ND		ug/l	5.0	1.0
Acetone	ND		ug/l	5.0	1.5
Carbon disulfide	ND		ug/l	5.0	1.0
2-Butanone	ND		ug/l	5.0	1.9
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0
2-Hexanone	ND		ug/l	5.0	1.0
Bromochloromethane	ND		ug/l	2.5	0.70
1,2-Dibromoethane	ND		ug/l	2.0	0.65
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70
Isopropylbenzene	ND		ug/l	2.5	0.70
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70
Methyl Acetate	ND		ug/l	2.0	0.23
Cyclohexane	ND		ug/l	10	0.27
1,4-Dioxane	ND		ug/l	250	61.
Freon-113	ND		ug/l	2.5	0.70
Methyl cyclohexane	ND		ug/l	10	0.40

**Project Name:** JMA WIRELESS  
**Project Number:** 059294.003

**Lab Number:** L2466514  
**Report Date:** 11/30/24

**Method Blank Analysis**  
**Batch Quality Control**

Analytical Method: 1,8260D  
Analytical Date: 11/19/24 01:14  
Analyst: TMS

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-07 Batch: WG1999519-5					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	115		70-130
Toluene-d8	99		70-130
4-Bromofluorobenzene	99		70-130
Dibromofluoromethane	103		70-130

**Project Name:** JMA WIRELESS  
**Project Number:** 059294.003

**Lab Number:** L2466514  
**Report Date:** 11/30/24

**Method Blank Analysis**  
**Batch Quality Control**

Analytical Method: 1,8260D  
Analytical Date: 11/19/24 20:47  
Analyst: MJV

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 04 Batch: WG1999815-5					
Methylene chloride	ND		ug/l	2.5	0.70
1,1-Dichloroethane	ND		ug/l	2.5	0.70
Chloroform	ND		ug/l	2.5	0.70
Carbon tetrachloride	ND		ug/l	0.50	0.13
1,2-Dichloropropane	ND		ug/l	1.0	0.14
Dibromochloromethane	ND		ug/l	0.50	0.15
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50
Tetrachloroethene	ND		ug/l	0.50	0.18
Chlorobenzene	ND		ug/l	2.5	0.70
Trichlorofluoromethane	ND		ug/l	2.5	0.70
1,2-Dichloroethane	ND		ug/l	0.50	0.13
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70
Bromodichloromethane	ND		ug/l	0.50	0.19
trans-1,3-Dichloropropene	0.30	J	ug/l	0.50	0.16
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14
Bromoform	ND		ug/l	2.0	0.65
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17
Benzene	ND		ug/l	0.50	0.16
Toluene	ND		ug/l	2.5	0.70
Ethylbenzene	ND		ug/l	2.5	0.70
Chloromethane	ND		ug/l	2.5	0.70
Bromomethane	ND		ug/l	2.5	0.70
Vinyl chloride	ND		ug/l	1.0	0.07
Chloroethane	ND		ug/l	2.5	0.70
1,1-Dichloroethene	ND		ug/l	0.50	0.17
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70
Trichloroethene	ND		ug/l	0.50	0.18
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70

**Project Name:** JMA WIRELESS  
**Project Number:** 059294.003

**Lab Number:** L2466514  
**Report Date:** 11/30/24

**Method Blank Analysis**  
**Batch Quality Control**

Analytical Method: 1,8260D  
Analytical Date: 11/19/24 20:47  
Analyst: MJV

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 04 Batch: WG1999815-5					
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70
Methyl tert butyl ether	0.28	J	ug/l	2.5	0.17
p/m-Xylene	ND		ug/l	2.5	0.70
o-Xylene	ND		ug/l	2.5	0.70
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70
Styrene	ND		ug/l	2.5	0.70
Dichlorodifluoromethane	ND		ug/l	5.0	1.0
Acetone	ND		ug/l	5.0	1.5
Carbon disulfide	ND		ug/l	5.0	1.0
2-Butanone	ND		ug/l	5.0	1.9
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0
2-Hexanone	ND		ug/l	5.0	1.0
Bromochloromethane	ND		ug/l	2.5	0.70
1,2-Dibromoethane	ND		ug/l	2.0	0.65
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70
Isopropylbenzene	ND		ug/l	2.5	0.70
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70
Methyl Acetate	ND		ug/l	2.0	0.23
Cyclohexane	ND		ug/l	10	0.27
1,4-Dioxane	ND		ug/l	250	61.
Freon-113	ND		ug/l	2.5	0.70
Methyl cyclohexane	ND		ug/l	10	0.40

**Project Name:** JMA WIRELESS  
**Project Number:** 059294.003

**Lab Number:** L2466514  
**Report Date:** 11/30/24

**Method Blank Analysis**  
**Batch Quality Control**

Analytical Method: 1,8260D  
Analytical Date: 11/19/24 20:47  
Analyst: MJV

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 04 Batch: WG1999815-5					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	108		70-130
Toluene-d8	97		70-130
4-Bromofluorobenzene	102		70-130
Dibromofluoromethane	122		70-130

## Lab Control Sample Analysis

Batch Quality Control

Project Name: JMA WIRELESS

Lab Number: L2466514

Project Number: 059294.003

Report Date: 11/30/24

Parameter	<i>LCS</i> %Recovery	<i>Qual</i>	<i>LCSD</i> %Recovery	<i>Qual</i>	<i>%Recovery</i> Limits	<i>RPD</i>	<i>Qual</i>	<i>RPD</i> Limits
Dissolved Gases by GC - Mansfield Lab Associated sample(s): 01-06 Batch: WG1999463-2								
Carbon Dioxide	90		-		80-120	-		

## Lab Control Sample Analysis

### Batch Quality Control

Project Name: JMA WIRELESS

Lab Number: L2466514

Project Number: 059294.003

Report Date: 11/30/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-07 Batch: WG1999519-3 WG1999519-4								
Methylene chloride	90		87		70-130	3		20
1,1-Dichloroethane	93		94		70-130	1		20
Chloroform	90		89		70-130	1		20
Carbon tetrachloride	92		91		63-132	1		20
1,2-Dichloropropane	94		93		70-130	1		20
Dibromochloromethane	82		80		63-130	2		20
1,1,2-Trichloroethane	85		86		70-130	1		20
Tetrachloroethene	90		89		70-130	1		20
Chlorobenzene	91		88		75-130	3		20
Trichlorofluoromethane	87		85		62-150	2		20
1,2-Dichloroethane	91		91		70-130	0		20
1,1,1-Trichloroethane	89		88		67-130	1		20
Bromodichloromethane	88		86		67-130	2		20
trans-1,3-Dichloropropene	82		81		70-130	1		20
cis-1,3-Dichloropropene	88		87		70-130	1		20
Bromoform	74		76		54-136	3		20
1,1,2,2-Tetrachloroethane	90		90		67-130	0		20
Benzene	96		94		70-130	2		20
Toluene	90		89		70-130	1		20
Ethylbenzene	91		88		70-130	3		20
Chloromethane	73		72		64-130	1		20
Bromomethane	49		48		39-139	2		20
Vinyl chloride	84		83		55-140	1		20

## Lab Control Sample Analysis

### Batch Quality Control

Project Name: JMA WIRELESS

Lab Number: L2466514

Project Number: 059294.003

Report Date: 11/30/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-07 Batch: WG1999519-3 WG1999519-4								
Chloroethane	96		93		55-138	3		20
1,1-Dichloroethene	92		89		61-145	3		20
trans-1,2-Dichloroethene	91		91		70-130	0		20
Trichloroethene	88		84		70-130	5		20
1,2-Dichlorobenzene	90		90		70-130	0		20
1,3-Dichlorobenzene	90		89		70-130	1		20
1,4-Dichlorobenzene	89		87		70-130	2		20
Methyl tert butyl ether	80		80		63-130	0		20
p/m-Xylene	85		80		70-130	6		20
o-Xylene	80		80		70-130	0		20
cis-1,2-Dichloroethene	92		90		70-130	2		20
Styrene	80		80		70-130	0		20
Dichlorodifluoromethane	45		43		36-147	5		20
Acetone	90		86		58-148	5		20
Carbon disulfide	88		87		51-130	1		20
2-Butanone	90		85		63-138	6		20
4-Methyl-2-pentanone	70		71		59-130	1		20
2-Hexanone	78		78		57-130	0		20
Bromochloromethane	92		91		70-130	1		20
1,2-Dibromoethane	86		84		70-130	2		20
1,2-Dibromo-3-chloropropane	84		80		41-144	5		20
Isopropylbenzene	92		90		70-130	2		20
1,2,3-Trichlorobenzene	90		90		70-130	0		20

## Lab Control Sample Analysis

### Batch Quality Control

Project Name: JMA WIRELESS

Project Number: 059294.003

Lab Number: L2466514

Report Date: 11/30/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-07 Batch: WG1999519-3 WG1999519-4								
1,2,4-Trichlorobenzene	91		90		70-130	1		20
Methyl Acetate	86		84		70-130	2		20
Cyclohexane	96		94		70-130	2		20
1,4-Dioxane	86		84		56-162	2		20
Freon-113	93		94		70-130	1		20
Methyl cyclohexane	86		87		70-130	1		20

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	101		101		70-130
Toluene-d8	100		100		70-130
4-Bromofluorobenzene	101		102		70-130
Dibromofluoromethane	102		100		70-130

## Lab Control Sample Analysis

### Batch Quality Control

Project Name: JMA WIRELESS

Lab Number: L2466514

Project Number: 059294.003

Report Date: 11/30/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 04 Batch: WG1999815-3 WG1999815-4								
Methylene chloride	100		100		70-130	0		20
1,1-Dichloroethane	100		97		70-130	3		20
Chloroform	100		98		70-130	2		20
Carbon tetrachloride	82		76		63-132	8		20
1,2-Dichloropropane	82		77		70-130	6		20
Dibromochloromethane	82		81		63-130	1		20
1,1,2-Trichloroethane	90		84		70-130	7		20
Tetrachloroethene	88		85		70-130	3		20
Chlorobenzene	93		91		75-130	2		20
Trichlorofluoromethane	92		87		62-150	6		20
1,2-Dichloroethane	97		93		70-130	4		20
1,1,1-Trichloroethane	90		85		67-130	6		20
Bromodichloromethane	87		81		67-130	7		20
trans-1,3-Dichloropropene	82		78		70-130	5		20
cis-1,3-Dichloropropene	80		74		70-130	8		20
Bromoform	81		76		54-136	6		20
1,1,2,2-Tetrachloroethane	95		81		67-130	16		20
Benzene	92		87		70-130	6		20
Toluene	94		91		70-130	3		20
Ethylbenzene	92		91		70-130	1		20
Chloromethane	93		90		64-130	3		20
Bromomethane	70		68		39-139	3		20
Vinyl chloride	95		92		55-140	3		20

## Lab Control Sample Analysis

### Batch Quality Control

Project Name: JMA WIRELESS

Lab Number: L2466514

Project Number: 059294.003

Report Date: 11/30/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 04 Batch: WG1999815-3 WG1999815-4								
Chloroethane	100		98		55-138	2		20
1,1-Dichloroethene	94		91		61-145	3		20
trans-1,2-Dichloroethene	96		94		70-130	2		20
Trichloroethene	82		78		70-130	5		20
1,2-Dichlorobenzene	93		91		70-130	2		20
1,3-Dichlorobenzene	92		92		70-130	0		20
1,4-Dichlorobenzene	93		91		70-130	2		20
Methyl tert butyl ether	72		65		63-130	10		20
p/m-Xylene	95		95		70-130	0		20
o-Xylene	95		95		70-130	0		20
cis-1,2-Dichloroethene	100		96		70-130	4		20
Styrene	100		100		70-130	0		20
Dichlorodifluoromethane	88		86		36-147	2		20
Acetone	120		100		58-148	18		20
Carbon disulfide	95		98		51-130	3		20
2-Butanone	97		93		63-138	4		20
4-Methyl-2-pentanone	89		74		59-130	18		20
2-Hexanone	90		73		57-130	21	Q	20
Bromochloromethane	100		99		70-130	1		20
1,2-Dibromoethane	91		86		70-130	6		20
1,2-Dibromo-3-chloropropane	100		91		41-144	9		20
Isopropylbenzene	86		85		70-130	1		20
1,2,3-Trichlorobenzene	90		90		70-130	0		20

## Lab Control Sample Analysis

### Batch Quality Control

Project Name: JMA WIRELESS

Project Number: 059294.003

Lab Number: L2466514

Report Date: 11/30/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 04 Batch: WG1999815-3 WG1999815-4								
1,2,4-Trichlorobenzene	85		86		70-130	1		20
Methyl Acetate	99		93		70-130	6		20
Cyclohexane	70		68	Q	70-130	3		20
1,4-Dioxane	134		106		56-162	23	Q	20
Freon-113	88		84		70-130	5		20
Methyl cyclohexane	76		72		70-130	5		20

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	109		111		70-130
Toluene-d8	102		103		70-130
4-Bromofluorobenzene	97		95		70-130
Dibromofluoromethane	106		108		70-130

### Matrix Spike Analysis Batch Quality Control

**Project Name:** JMA WIRELESS  
**Project Number:** 059294.003

**Lab Number:** L2466514  
**Report Date:** 11/30/24

<i>Parameter</i>	<i>Native Sample</i>	<i>MS Added</i>	<i>MS Found</i>	<i>MS %Recovery</i>	<i>Qual</i>	<i>MSD Found</i>	<i>MSD %Recovery</i>	<i>Qual</i>	<i>Recovery Limits</i>	<i>RPD</i>	<i>Qual</i>	<i>RPD Limits</i>
Dissolved Gases by GC - Mansfield Lab Associated sample(s): 01-06 QC Batch ID: WG1999463-4 WG1999463-5 QC Sample: L2466514-01 Client ID: MW-105D-20241113												
Carbon Dioxide	71.7	12	88.0	136	Q	87.2	129	Q	80-120	1		25

## Matrix Spike Analysis

Batch Quality Control

Project Name: JMA WIRELESS

Lab Number: L2466514

Project Number: 059294.003

Report Date: 11/30/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-07 QC Batch ID: WG1999519-6 WG1999519-7 QC Sample: L2466514-01 Client ID: MW-105D-20241113												
Methylene chloride	ND	10	9.6	96		9.6	96		70-130	0		20
1,1-Dichloroethane	ND	10	10	100		10	100		70-130	0		20
Chloroform	ND	10	9.5	95		10	100		70-130	5		20
Carbon tetrachloride	ND	10	10	100		11	110		63-132	10		20
1,2-Dichloropropane	ND	10	9.5	95		9.8	98		70-130	3		20
Dibromochloromethane	ND	10	8.5	85		8.8	88		63-130	3		20
1,1,2-Trichloroethane	ND	10	8.9	89		9.2	92		70-130	3		20
Tetrachloroethene	ND	10	9.6	96		10	100		70-130	4		20
Chlorobenzene	ND	10	9.4	94		9.8	98		75-130	4		20
Trichlorofluoromethane	ND	10	10	100		10	100		62-150	0		20
1,2-Dichloroethane	ND	10	9.9	99		10	100		70-130	1		20
1,1,1-Trichloroethane	ND	10	9.8	98		10	100		67-130	2		20
Bromodichloromethane	ND	10	9.0	90		9.6	96		67-130	6		20
trans-1,3-Dichloropropene	ND	10	7.6	76		8.2	82		70-130	8		20
cis-1,3-Dichloropropene	ND	10	8.2	82		9.0	90		70-130	9		20
Bromoform	ND	10	7.5	75		7.8	78		54-136	4		20
1,1,2,2-Tetrachloroethane	ND	10	8.8	88		9.2	92		67-130	4		20
Benzene	18	10	28	100		30	120		70-130	7		20
Toluene	ND	10	9.4	94		9.6	96		70-130	2		20
Ethylbenzene	ND	10	9.3	93		9.5	95		70-130	2		20
Chloromethane	ND	10	8.1	81		8.6	86		64-130	6		20
Bromomethane	ND	10	2.6	26	Q	3.2	32	Q	39-139	21	Q	20
Vinyl chloride	ND	10	8.7	87		8.9	89		55-140	2		20

## Matrix Spike Analysis

*Batch Quality Control*

**Project Name:** JMA WIRELESS

**Lab Number:** L2466514

**Project Number:** 059294.003

**Report Date:** 11/30/24

<i>Parameter</i>	<i>Native Sample</i>	<i>MS Added</i>	<i>MS Found</i>	<i>MS %Recovery</i>	<i>Qual</i>	<i>MSD Found</i>	<i>MSD %Recovery</i>	<i>Qual</i>	<i>Recovery Limits</i>	<i>RPD</i>	<i>Qual</i>	<i>RPD Limits</i>
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-07 QC Batch ID: WG1999519-6 WG1999519-7 QC Sample: L2466514-01 Client ID: MW-105D-20241113												
Chloroethane	ND	10	11	110		11	110		55-138	0		20
1,1-Dichloroethene	ND	10	10	100		10	100		61-145	0		20
trans-1,2-Dichloroethene	ND	10	9.9	99		10	100		70-130	1		20
Trichloroethene	ND	10	9.6	96		9.8	98		70-130	2		20
1,2-Dichlorobenzene	ND	10	9.3	93		9.6	96		70-130	3		20
1,3-Dichlorobenzene	ND	10	9.2	92		9.8	98		70-130	6		20
1,4-Dichlorobenzene	ND	10	9.3	93		9.7	97		70-130	4		20
Methyl tert butyl ether	ND	10	7.7	77		8.0	80		63-130	4		20
p/m-Xylene	ND	20	18	90		18	90		70-130	0		20
o-Xylene	ND	20	18	90		18	90		70-130	0		20
cis-1,2-Dichloroethene	ND	10	10	100		10	100		70-130	0		20
Styrene	ND	20	17	85		18	90		70-130	6		20
Dichlorodifluoromethane	ND	10	4.9J	49		5.3	53		36-147	8		20
Acetone	ND	10	10	100		10	100		58-148	0		20
Carbon disulfide	ND	10	9.7	97		10	100		51-130	3		20
2-Butanone	ND	10	7.9	79		9.5	95		63-138	18		20
4-Methyl-2-pentanone	ND	10	5.9	59		6.5	65		59-130	10		20
2-Hexanone	ND	10	6.9	69		7.3	73		57-130	6		20
Bromochloromethane	ND	10	10	100		10	100		70-130	0		20
1,2-Dibromoethane	ND	10	8.6	86		8.8	88		70-130	2		20
1,2-Dibromo-3-chloropropane	ND	10	7.9	79		8.3	83		41-144	5		20
Isopropylbenzene	ND	10	9.4	94		9.8	98		70-130	4		20
1,2,3-Trichlorobenzene	ND	10	9.1	91		9.6	96		70-130	5		20

### Matrix Spike Analysis Batch Quality Control

**Project Name:** JMA WIRELESS  
**Project Number:** 059294.003

**Lab Number:** L2466514  
**Report Date:** 11/30/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-07 QC Batch ID: WG1999519-6 WG1999519-7 QC Sample: L2466514-01 Client ID: MW-105D-20241113												
1,2,4-Trichlorobenzene	ND	10	8.7	87		9.5	95		70-130	9		20
Methyl Acetate	ND	10	8.1	81		8.7	87		70-130	7		20
Cyclohexane	ND	10	10	100		10	100		70-130	0		20
1,4-Dioxane	ND	500	390	78		480	96		56-162	21	Q	20
Freon-113	ND	10	10	100		10	100		70-130	0		20
Methyl cyclohexane	ND	10	9.0J	90		9.2J	92		70-130	2		20

Surrogate	MS		MSD		Acceptance Criteria
	% Recovery	Qualifier	% Recovery	Qualifier	
1,2-Dichloroethane-d4	103		103		70-130
4-Bromofluorobenzene	97		98		70-130
Dibromofluoromethane	105		106		70-130
Toluene-d8	96		97		70-130

## METALS

**Project Name:** JMA WIRELESS**Lab Number:** L2466514**Project Number:** 059294.003**Report Date:** 11/30/24**SAMPLE RESULTS**

Lab ID: L2466514-01

Date Collected: 11/13/24 10:00

Client ID: MW-105D-20241113

Date Received: 11/13/24

Sample Location: SYRACUSE, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
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**Total Metals - Mansfield Lab**

Iron, Total	3.37		mg/l	0.0500	0.0090	1	11/18/24 16:39	11/19/24 22:18	EPA 3005A	1,6010D	DHL
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**General Chemistry - Westborough Lab**

Iron, Ferric	3.0	J	mg/l	0.50	0.06	1		11/19/24 22:18	NA	107,-	
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**Project Name:** JMA WIRELESS  
**Project Number:** 059294.003

**Lab Number:** L2466514  
**Report Date:** 11/30/24

**SAMPLE RESULTS**

Lab ID: L2466514-02  
 Client ID: MW-7R-20241113  
 Sample Location: SYRACUSE, NY

Date Collected: 11/13/24 11:10  
 Date Received: 11/13/24  
 Field Prep: Not Specified

Sample Depth:  
 Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
<b>Total Metals - Mansfield Lab</b>											
Iron, Total	3.56		mg/l	0.0500	0.0090	1	11/18/24 16:39	11/20/24 16:18	EPA 3005A	1,6010D	DMC
<b>General Chemistry - Westborough Lab</b>											
Iron, Ferric	2.1		mg/l	0.50	0.06	1		11/20/24 16:18	NA	107,-	



**Project Name:** JMA WIRELESS

**Lab Number:** L2466514

**Project Number:** 059294.003

**Report Date:** 11/30/24

**SAMPLE RESULTS**

Lab ID: L2466514-03

Date Collected: 11/13/24 12:30

Client ID: MW-6R-20241113

Date Received: 11/13/24

Sample Location: SYRACUSE, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
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**Total Metals - Mansfield Lab**

Iron, Total	7.61		mg/l	0.0500	0.0090	1	11/18/24 16:39	11/20/24 16:24	EPA 3005A	1,6010D	DMC
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**General Chemistry - Westborough Lab**

Iron, Ferric	2.8		mg/l	0.50	0.06	1		11/20/24 16:24	NA	107,-	
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**Project Name:** JMA WIRELESS

**Lab Number:** L2466514

**Project Number:** 059294.003

**Report Date:** 11/30/24

**SAMPLE RESULTS**

Lab ID: L2466514-04

Date Collected: 11/13/24 13:25

Client ID: MW-5R-20241113

Date Received: 11/13/24

Sample Location: SYRACUSE, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
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**Total Metals - Mansfield Lab**

Iron, Total	3.00		mg/l	0.0500	0.0090	1	11/18/24 16:39	11/20/24 16:31	EPA 3005A	1,6010D	DMC
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**General Chemistry - Westborough Lab**

Iron, Ferric	2.1		mg/l	0.50	0.06	1		11/20/24 16:31	NA	107,-	
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**Project Name:** JMA WIRELESS

**Lab Number:** L2466514

**Project Number:** 059294.003

**Report Date:** 11/30/24

**SAMPLE RESULTS**

Lab ID: L2466514-05

Date Collected: 11/13/24 14:15

Client ID: MW-4-20241113

Date Received: 11/13/24

Sample Location: SYRACUSE, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
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**Total Metals - Mansfield Lab**

Iron, Total	4.77		mg/l	0.0500	0.0090	1	11/18/24 16:39	11/20/24 17:23	EPA 3005A	1,6010D	DMC
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**General Chemistry - Westborough Lab**

Iron, Ferric	3.6		mg/l	0.50	0.06	1		11/20/24 17:23	NA	107,-	
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**Project Name:** JMA WIRELESS  
**Project Number:** 059294.003

**Lab Number:** L2466514  
**Report Date:** 11/30/24

**SAMPLE RESULTS**

Lab ID: L2466514-06  
 Client ID: CHA-1-20241113  
 Sample Location: SYRACUSE, NY

Date Collected: 11/13/24 09:00  
 Date Received: 11/13/24  
 Field Prep: Not Specified

Sample Depth:  
 Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
<b>Total Metals - Mansfield Lab</b>											
Iron, Total	4.08		mg/l	0.0500	0.0090	1	11/18/24 16:39	11/20/24 17:30	EPA 3005A	1,6010D	DMC
<b>General Chemistry - Westborough Lab</b>											
Iron, Ferric	3.3		mg/l	0.50	0.06	1		11/20/24 17:30	NA	107,-	



**Project Name:** JMA WIRELESS

**Lab Number:** L2466514

**Project Number:** 059294.003

**Report Date:** 11/30/24

## Method Blank Analysis Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01-06 Batch: WG1998862-1										
Iron, Total	0.0108	J	mg/l	0.0500	0.0090	1	11/18/24 16:39	11/19/24 22:11	1,6010D	DHL

### Prep Information

Digestion Method: EPA 3005A



## Lab Control Sample Analysis

Batch Quality Control

Project Name: JMA WIRELESS

Lab Number: L2466514

Project Number: 059294.003

Report Date: 11/30/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-06 Batch: WG1998862-2								
Iron, Total	100		-		80-120	-		

### Matrix Spike Analysis Batch Quality Control

**Project Name:** JMA WIRELESS  
**Project Number:** 059294.003

**Lab Number:** L2466514  
**Report Date:** 11/30/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-06 QC Batch ID: WG1998862-3 WG1998862-4 QC Sample: L2466514-01 Client ID: MW-105D-20241113									
Iron, Total	3.37	1	4.39	102	4.26	89	75-125	3	20

Project Name: JMA WIRELESS

Project Number: 059294.003

**Lab Serial Dilution  
Analysis  
Batch Quality Control**

Lab Number: L2466514

Report Date: 11/30/24

Parameter	Native Sample	Serial Dilution	Units	% D	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-06 QC Batch ID: WG1998862-6 QC Sample: L2466514-01 Client ID: MW-105D-20241113						
Iron, Total	3.37	3.45	mg/l	2		20

# **INORGANICS & MISCELLANEOUS**

Project Name: JMA WIRELESS

Lab Number: L2466514

Project Number: 059294.003

Report Date: 11/30/24

## SAMPLE RESULTS

Lab ID: L2466514-01  
 Client ID: MW-105D-20241113  
 Sample Location: SYRACUSE, NY

Date Collected: 11/13/24 10:00  
 Date Received: 11/13/24  
 Field Prep: Not Specified

Sample Depth:  
 Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
<b>General Chemistry - Westborough Lab</b>										
Alkalinity, Total	629.		mg CaCO3/L	4.00	NA	2	-	11/15/24 14:23	121,2320B	MKT
Total Organic Carbon	7.34		mg/l	0.500	0.097	1	-	11/19/24 09:46	121,5310C	DEW
Iron, Ferrous	0.33	J	mg/l	0.50	0.056	1	-	11/14/24 05:16	121,3500FE-B	CAR
<b>Anions by Ion Chromatography - Westborough Lab</b>										
Chloride	78.9		mg/l	5.00	0.839	10	-	11/14/24 13:08	44,300.0	CVN
Nitrogen, Nitrate	ND		mg/l	0.050	0.012	1	-	11/14/24 12:56	44,300.0	CVN
Sulfate	13.6		mg/l	1.00	0.454	1	-	11/14/24 12:56	44,300.0	CVN



Project Name: JMA WIRELESS

Lab Number: L2466514

Project Number: 059294.003

Report Date: 11/30/24

## SAMPLE RESULTS

Lab ID: L2466514-02

Date Collected: 11/13/24 11:10

Client ID: MW-7R-20241113

Date Received: 11/13/24

Sample Location: SYRACUSE, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
<b>General Chemistry - Westborough Lab</b>										
Alkalinity, Total	347.		mg CaCO3/L	2.00	NA	1	-	11/15/24 13:18	121,2320B	MKT
Total Organic Carbon	5.72		mg/l	0.500	0.097	1	-	11/19/24 10:17	121,5310C	DEW
Iron, Ferrous	1.5		mg/l	0.50	0.056	1	-	11/14/24 05:18	121,3500FE-B	CAR
<b>Anions by Ion Chromatography - Westborough Lab</b>										
Chloride	336.		mg/l	5.00	0.839	10	-	11/14/24 13:32	44,300.0	CVN
Nitrogen, Nitrate	ND		mg/l	0.050	0.012	1	-	11/14/24 13:20	44,300.0	CVN
Sulfate	111.		mg/l	10.0	4.54	10	-	11/14/24 13:32	44,300.0	CVN



**Project Name:** JMA WIRELESS  
**Project Number:** 059294.003

**Lab Number:** L2466514  
**Report Date:** 11/30/24

**SAMPLE RESULTS**

**Lab ID:** L2466514-03  
**Client ID:** MW-6R-20241113  
**Sample Location:** SYRACUSE, NY

**Date Collected:** 11/13/24 12:30  
**Date Received:** 11/13/24  
**Field Prep:** Not Specified

**Sample Depth:**  
**Matrix:** Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
<b>General Chemistry - Westborough Lab</b>										
Alkalinity, Total	384.		mg CaCO3/L	2.00	NA	1	-	11/15/24 13:26	121,2320B	MKT
Total Organic Carbon	11.8		mg/l	2.00	0.388	4	-	11/19/24 12:17	121,5310C	DEW
Iron, Ferrous	4.8		mg/l	0.50	0.056	1	-	11/14/24 05:20	121,3500FE-B	CAR
<b>Anions by Ion Chromatography - Westborough Lab</b>										
Chloride	353.		mg/l	5.00	0.839	10	-	11/14/24 13:56	44,300.0	CVN
Nitrogen, Nitrate	ND		mg/l	0.050	0.012	1	-	11/14/24 13:44	44,300.0	CVN
Sulfate	87.4		mg/l	1.00	0.454	1	-	11/14/24 13:44	44,300.0	CVN



**Project Name:** JMA WIRELESS  
**Project Number:** 059294.003

**Lab Number:** L2466514  
**Report Date:** 11/30/24

**SAMPLE RESULTS**

**Lab ID:** L2466514-04  
**Client ID:** MW-5R-20241113  
**Sample Location:** SYRACUSE, NY

**Date Collected:** 11/13/24 13:25  
**Date Received:** 11/13/24  
**Field Prep:** Not Specified

**Sample Depth:**  
**Matrix:** Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
<b>General Chemistry - Westborough Lab</b>										
Alkalinity, Total	254.		mg CaCO3/L	2.00	NA	1	-	11/15/24 13:36	121,2320B	MKT
Total Organic Carbon	3.05		mg/l	0.500	0.097	1	-	11/19/24 12:47	121,5310C	DEW
Iron, Ferrous	0.86		mg/l	0.50	0.056	1	-	11/14/24 05:20	121,3500FE-B	CAR
<b>Anions by Ion Chromatography - Westborough Lab</b>										
Chloride	347.		mg/l	5.00	0.839	10	-	11/14/24 14:44	44,300.0	CVN
Nitrogen, Nitrate	ND		mg/l	0.050	0.012	1	-	11/14/24 14:32	44,300.0	CVN
Sulfate	146.		mg/l	10.0	4.54	10	-	11/14/24 14:44	44,300.0	CVN



**Project Name:** JMA WIRELESS  
**Project Number:** 059294.003

**Lab Number:** L2466514  
**Report Date:** 11/30/24

**SAMPLE RESULTS**

**Lab ID:** L2466514-05  
**Client ID:** MW-4-20241113  
**Sample Location:** SYRACUSE, NY

**Date Collected:** 11/13/24 14:15  
**Date Received:** 11/13/24  
**Field Prep:** Not Specified

**Sample Depth:**  
**Matrix:** Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
<b>General Chemistry - Westborough Lab</b>										
Alkalinity, Total	396.		mg CaCO3/L	2.00	NA	1	-	11/15/24 16:51	121,2320B	MKT
Total Organic Carbon	9.55		mg/l	2.00	0.388	4	-	11/19/24 13:11	121,5310C	DEW
Iron, Ferrous	1.2		mg/l	0.50	0.056	1	-	11/14/24 05:20	121,3500FE-B	CAR
<b>Anions by Ion Chromatography - Westborough Lab</b>										
Chloride	259.		mg/l	5.00	0.839	10	-	11/14/24 15:08	44,300.0	CVN
Nitrogen, Nitrate	ND		mg/l	0.050	0.012	1	-	11/14/24 14:56	44,300.0	CVN
Sulfate	71.2		mg/l	1.00	0.454	1	-	11/14/24 14:56	44,300.0	CVN



**Project Name:** JMA WIRELESS  
**Project Number:** 059294.003

**Lab Number:** L2466514  
**Report Date:** 11/30/24

**SAMPLE RESULTS**

**Lab ID:** L2466514-06  
**Client ID:** CHA-1-20241113  
**Sample Location:** SYRACUSE, NY

**Date Collected:** 11/13/24 09:00  
**Date Received:** 11/13/24  
**Field Prep:** Not Specified

**Sample Depth:**  
**Matrix:** Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
<b>General Chemistry - Westborough Lab</b>										
Alkalinity, Total	367.		mg CaCO3/L	2.00	NA	1	-	11/15/24 17:02	121,2320B	MKT
Total Organic Carbon	5.42		mg/l	0.500	0.097	1	-	11/19/24 13:41	121,5310C	DEW
Iron, Ferrous	0.80		mg/l	0.50	0.056	1	-	11/14/24 05:21	121,3500FE-B	CAR
<b>Anions by Ion Chromatography - Westborough Lab</b>										
Chloride	338.		mg/l	5.00	0.839	10	-	11/14/24 15:33	44,300.0	CVN
Nitrogen, Nitrate	ND		mg/l	0.050	0.012	1	-	11/14/24 15:21	44,300.0	CVN
Sulfate	113.		mg/l	10.0	4.54	10	-	11/14/24 15:33	44,300.0	CVN



Project Name: JMA WIRELESS

Lab Number: L2466514

Project Number: 059294.003

Report Date: 11/30/24

### Method Blank Analysis Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab for sample(s): 01-06 Batch: WG1997264-1										
Iron, Ferrous	ND		mg/l	0.50	0.056	1	-	11/06/24 07:58	121,3500FE-B	CAR
Anions by Ion Chromatography - Westborough Lab for sample(s): 01-06 Batch: WG1997472-1										
Chloride	0.265	J	mg/l	0.500	0.083	1	-	11/14/24 12:31	44,300.0	CVN
Nitrogen, Nitrate	ND		mg/l	0.050	0.012	1	-	11/14/24 12:31	44,300.0	CVN
Sulfate	ND		mg/l	1.00	0.454	1	-	11/14/24 12:31	44,300.0	CVN
General Chemistry - Westborough Lab for sample(s): 01-04 Batch: WG1998002-5										
Alkalinity, Total	ND		mg CaCO3/L	2.00	NA	1	-	11/15/24 15:03	121,2320B	MKT
General Chemistry - Westborough Lab for sample(s): 05-06 Batch: WG1998136-1										
Alkalinity, Total	ND		mg CaCO3/L	2.00	NA	1	-	11/16/24 02:35	121,2320B	MKT
General Chemistry - Westborough Lab for sample(s): 01-06 Batch: WG1999168-1										
Total Organic Carbon	ND		mg/l	0.500	0.097	1	-	11/19/24 03:10	121,5310C	DEW

## Lab Control Sample Analysis

### Batch Quality Control

Project Name: JMA WIRELESS

Project Number: 059294.003

Lab Number: L2466514

Report Date: 11/30/24

Parameter	LCS		LCSD		%Recovery Limits	RPD	Qual	RPD Limits
	%Recovery	Qual	%Recovery	Qual				
General Chemistry - Westborough Lab Associated sample(s): 01-06 Batch: WG1997264-2								
Iron, Ferrous	97		-		90-110	-		
Anions by Ion Chromatography - Westborough Lab Associated sample(s): 01-06 Batch: WG1997472-2								
Chloride	103		-		90-110	-		
Nitrogen, Nitrate	91		-		90-110	-		
Sulfate	102		-		90-110	-		
General Chemistry - Westborough Lab Associated sample(s): 01-04 Batch: WG1998002-6								
Alkalinity, Total	103		-		90-110	-		10
General Chemistry - Westborough Lab Associated sample(s): 05-06 Batch: WG1998136-2								
Alkalinity, Total	95		-		90-110	-		10
General Chemistry - Westborough Lab Associated sample(s): 01-06 Batch: WG1999168-2								
Total Organic Carbon	96		-		90-110	-		

### Matrix Spike Analysis Batch Quality Control

**Project Name:** JMA WIRELESS  
**Project Number:** 059294.003

**Lab Number:** L2466514  
**Report Date:** 11/30/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-06 QC Batch ID: WG1997264-4 WG1997264-5 QC Sample: L2466514-01 Client ID: MW-105D-20241113												
Iron, Ferrous	0.33J	1	1.3	126	Q	1.3	128	Q	80-120	2		20
Anions by Ion Chromatography - Westborough Lab Associated sample(s): 01-06 QC Batch ID: WG1997472-3 WG1997472-4 QC Sample: L2466514-01 Client ID: MW-105D-20241113												
Chloride	78.9	20	96.4	88	Q	96.5	88	Q	90-110	0		18
Nitrogen, Nitrate	ND	2	2.01	100		2.01	100		90-110	0		15
Sulfate	13.6	40	54.5	102		54.6	102		90-110	0		20
General Chemistry - Westborough Lab Associated sample(s): 01-04 QC Batch ID: WG1998002-8 QC Sample: L2466514-01 Client ID: MW-105D-20241113												
Alkalinity, Total	629.	200	630	0	Q	-	-		86-116	-		10
General Chemistry - Westborough Lab Associated sample(s): 05-06 QC Batch ID: WG1998136-4 QC Sample: L2466760-03 Client ID: MS Sample												
Alkalinity, Total	1470	500	2270	161	Q	-	-		86-116	-		10
General Chemistry - Westborough Lab Associated sample(s): 01-06 QC Batch ID: WG1999168-4 QC Sample: L2466568-04 Client ID: MS Sample												
Total Organic Carbon	2.95	40	42.7	99		-	-		85-115	-		15
General Chemistry - Westborough Lab Associated sample(s): 01-06 QC Batch ID: WG1999168-6 QC Sample: L2466514-01 Client ID: MW-105D-20241113												
Total Organic Carbon	7.34	16	22.7	96		-	-		85-115	-		15



## Lab Duplicate Analysis

*Batch Quality Control*

Project Name: JMA WIRELESS

Project Number: 059294.003

Lab Number: L2466514

Report Date: 11/30/24

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-06 QC Batch ID: WG1997264-3 QC Sample: L2466514-02 Client ID: MW-7R-20241113						
Iron, Ferrous	1.5	1.5	mg/l	0		20
General Chemistry - Westborough Lab Associated sample(s): 01-04 QC Batch ID: WG1998002-7 QC Sample: L2466514-01 Client ID: MW-105D-20241113						
Alkalinity, Total	629.	594	mg CaCO3/L	6		10
General Chemistry - Westborough Lab Associated sample(s): 05-06 QC Batch ID: WG1998136-3 QC Sample: L2466760-03 Client ID: DUP Sample						
Alkalinity, Total	1470	1340	mg CaCO3/L	9		10
General Chemistry - Westborough Lab Associated sample(s): 01-06 QC Batch ID: WG1999168-3 QC Sample: L2466568-04 Client ID: DUP Sample						
Total Organic Carbon	2.95	3.23	mg/l	9		15
General Chemistry - Westborough Lab Associated sample(s): 01-06 QC Batch ID: WG1999168-5 QC Sample: L2466514-01 Client ID: MW-105D-20241113						
Total Organic Carbon	7.34	7.13	mg/l	3		15

**Project Name:** JMA WIRELESS**Lab Number:** L2466514**Project Number:** 059294.003**Report Date:** 11/30/24**Sample Receipt and Container Information**

Were project specific reporting limits specified?

YES

**Cooler Information**

<b>Cooler</b>	<b>Custody Seal</b>
A	Absent
B	Absent

**Container Information**

<b>Container ID</b>	<b>Container Type</b>	<b>Cooler</b>	<b>Initial pH</b>	<b>Final pH</b>	<b>Temp deg C</b>	<b>Pres</b>	<b>Seal</b>	<b>Frozen Date/Time</b>	<b>Analysis(*)</b>
L2466514-01A	Vial HCl preserved	A	NA		2.5	Y	Absent		NYTCL-8260-R2(14)
L2466514-01A1	Vial HCl preserved	A	NA		2.5	Y	Absent		NYTCL-8260-R2(14)
L2466514-01A2	Vial HCl preserved	A	NA		2.5	Y	Absent		NYTCL-8260-R2(14)
L2466514-01B	Vial HCl preserved	A	NA		2.5	Y	Absent		NYTCL-8260-R2(14)
L2466514-01B1	Vial HCl preserved	A	NA		2.5	Y	Absent		NYTCL-8260-R2(14)
L2466514-01B2	Vial HCl preserved	A	NA		2.5	Y	Absent		NYTCL-8260-R2(14)
L2466514-01C	Vial HCl preserved	A	NA		2.5	Y	Absent		NYTCL-8260-R2(14)
L2466514-01C1	Vial HCl preserved	A	NA		2.5	Y	Absent		NYTCL-8260-R2(14)
L2466514-01C2	Vial HCl preserved	A	NA		2.5	Y	Absent		NYTCL-8260-R2(14)
L2466514-01D	Vial unpreserved 20ml	A	NA		2.5	Y	Absent		DISSGAS-CO2(7)
L2466514-01D1	Vial unpreserved 20ml	A	NA		2.5	Y	Absent		DISSGAS-CO2(7)
L2466514-01D2	Vial unpreserved 20ml	A	NA		2.5	Y	Absent		DISSGAS-CO2(7)
L2466514-01E	Vial unpreserved 20ml	A	NA		2.5	Y	Absent		DISSGAS-CO2(7)
L2466514-01E1	Vial unpreserved 20ml	A	NA		2.5	Y	Absent		DISSGAS-CO2(7)
L2466514-01E2	Vial unpreserved 20ml	A	NA		2.5	Y	Absent		DISSGAS-CO2(7)
L2466514-01F	Vial H2SO4 preserved	A	NA		2.5	Y	Absent		TOC-5310(28)
L2466514-01F1	Vial H2SO4 preserved	A	NA		2.5	Y	Absent		TOC-5310(28)
L2466514-01F2	Vial H2SO4 preserved	A	NA		2.5	Y	Absent		TOC-5310(28)
L2466514-01G	Vial H2SO4 preserved	A	NA		2.5	Y	Absent		TOC-5310(28)
L2466514-01G1	Vial H2SO4 preserved	A	NA		2.5	Y	Absent		TOC-5310(28)
L2466514-01G2	Vial H2SO4 preserved	A	NA		2.5	Y	Absent		TOC-5310(28)
L2466514-01H	Vial HCl preserved	A	NA	NA	2.5	Y	Absent		SUB-DISSGAS(14)

Project Name: JMA WIRELESS

Lab Number: L2466514

Project Number: 059294.003

Report Date: 11/30/24

**Container Information**

<b>Container ID</b>	<b>Container Type</b>	<b>Cooler</b>	<b>Initial pH</b>	<b>Final pH</b>	<b>Temp deg C</b>	<b>Pres</b>	<b>Seal</b>	<b>Frozen Date/Time</b>	<b>Analysis(*)</b>
L2466514-01H1	Vial HCl preserved	A	NA	NA	2.5	Y	Absent		SUB-DISSGAS(14)
L2466514-01H2	Vial HCl preserved	A	NA	NA	2.5	Y	Absent		SUB-DISSGAS(14)
L2466514-01J	Vial HCl preserved	A	NA	NA	2.5	Y	Absent		SUB-DISSGAS(14)
L2466514-01J1	Vial HCl preserved	A	NA	NA	2.5	Y	Absent		SUB-DISSGAS(14)
L2466514-01J2	Vial HCl preserved	A	NA	NA	2.5	Y	Absent		SUB-DISSGAS(14)
L2466514-01K	Plastic 250ml unpreserved/No Headspace	A	NA		2.5	Y	Absent		ALK-T-2320(14)
L2466514-01K1	Plastic 250ml unpreserved/No Headspace	A	NA		2.5	Y	Absent		ALK-T-2320(14)
L2466514-01K2	Plastic 250ml unpreserved/No Headspace	A	NA		2.5	Y	Absent		ALK-T-2320(14)
L2466514-01L	Plastic 250ml unpreserved	A	7	7	2.5	Y	Absent		SO4-300(28),CL-300(28),NO3-300(2),FERROUS(1)
L2466514-01L1	Plastic 250ml unpreserved	A	7	7	2.5	Y	Absent		SO4-300(28),CL-300(28),NO3-300(2),FERROUS(1)
L2466514-01L2	Plastic 250ml unpreserved	A	7	7	2.5	Y	Absent		SO4-300(28),CL-300(28),NO3-300(2),FERROUS(1)
L2466514-01M	Plastic 250ml HNO3 preserved	A	<2	<2	2.5	Y	Absent		FE-TI(180)
L2466514-01M1	Plastic 250ml HNO3 preserved	A	<2	<2	2.5	Y	Absent		FE-TI(180)
L2466514-01M2	Plastic 250ml HNO3 preserved	A	<2	<2	2.5	Y	Absent		FE-TI(180)
L2466514-01N	Plastic 250ml Zn Acetate/NaOH preserved	A	>9	>9	2.5	Y	Absent		SUB-SULFIDE(7)
L2466514-01N1	Plastic 250ml Zn Acetate/NaOH preserved	A	>9	>9	2.5	Y	Absent		SUB-SULFIDE(7)
L2466514-01N2	Plastic 250ml Zn Acetate/NaOH preserved	A	>9	>9	2.5	Y	Absent		SUB-SULFIDE(7)
L2466514-01O	Plastic 250ml Zn Acetate/NaOH preserved	A	>9	>9	2.5	Y	Absent		SUB-SULFIDE(7)
L2466514-01O1	Plastic 250ml Zn Acetate/NaOH preserved	A	>9	>9	2.5	Y	Absent		SUB-SULFIDE(7)
L2466514-01O2	Plastic 250ml Zn Acetate/NaOH preserved	A	>9	>9	2.5	Y	Absent		SUB-SULFIDE(7)
L2466514-02A	Vial HCl preserved	A	NA		2.5	Y	Absent		NYTCL-8260-R2(14)
L2466514-02B	Vial HCl preserved	A	NA		2.5	Y	Absent		NYTCL-8260-R2(14)
L2466514-02C	Vial HCl preserved	A	NA		2.5	Y	Absent		NYTCL-8260-R2(14)
L2466514-02D	Vial unpreserved 20ml	A	NA		2.5	Y	Absent		DISSGAS-CO2(7)
L2466514-02E	Vial unpreserved 20ml	A	NA		2.5	Y	Absent		DISSGAS-CO2(7)
L2466514-02F	Vial H2SO4 preserved	A	NA		2.5	Y	Absent		TOC-5310(28)
L2466514-02G	Vial H2SO4 preserved	A	NA		2.5	Y	Absent		TOC-5310(28)

**Project Name:** JMA WIRELESS**Lab Number:** L2466514**Project Number:** 059294.003**Report Date:** 11/30/24**Container Information**

<b>Container ID</b>	<b>Container Type</b>	<b>Cooler</b>	<b>Initial pH</b>	<b>Final pH</b>	<b>Temp deg C</b>	<b>Pres</b>	<b>Seal</b>	<b>Frozen Date/Time</b>	<b>Analysis(*)</b>
L2466514-02H	Vial HCl preserved	A	NA	NA	2.5	Y	Absent		SUB-DISSGAS(14)
L2466514-02J	Vial HCl preserved	A	NA	NA	2.5	Y	Absent		SUB-DISSGAS(14)
L2466514-02K	Plastic 250ml unpreserved/No Headspace	A	NA		2.5	Y	Absent		ALK-T-2320(14)
L2466514-02L	Plastic 250ml unpreserved	A	7	7	2.5	Y	Absent		SO4-300(28),CL-300(28),NO3-300(2),FERROUS(1)
L2466514-02M	Plastic 250ml HNO3 preserved	A	<2	<2	2.5	Y	Absent		FE-TI(180)
L2466514-02N	Plastic 250ml Zn Acetate/NaOH preserved	A	>9	>9	2.5	Y	Absent		SUB-SULFIDE(7)
L2466514-02O	Plastic 250ml Zn Acetate/NaOH preserved	A	>9	>9	2.5	Y	Absent		SUB-SULFIDE(7)
L2466514-03A	Vial HCl preserved	A	NA		2.5	Y	Absent		NYTCL-8260-R2(14)
L2466514-03B	Vial HCl preserved	A	NA		2.5	Y	Absent		NYTCL-8260-R2(14)
L2466514-03C	Vial HCl preserved	A	NA		2.5	Y	Absent		NYTCL-8260-R2(14)
L2466514-03D	Vial unpreserved 20ml	B	NA		2.3	Y	Absent		DISSGAS-CO2(7)
L2466514-03E	Vial unpreserved 20ml	B	NA		2.3	Y	Absent		DISSGAS-CO2(7)
L2466514-03F	Vial H2SO4 preserved	B	NA		2.3	Y	Absent		TOC-5310(28)
L2466514-03G	Vial H2SO4 preserved	B	NA		2.3	Y	Absent		TOC-5310(28)
L2466514-03H	Vial HCl preserved	B	NA	NA	2.3	Y	Absent		SUB-DISSGAS(14)
L2466514-03J	Vial HCl preserved	B	NA	NA	2.3	Y	Absent		SUB-DISSGAS(14)
L2466514-03K	Plastic 250ml unpreserved/No Headspace	B	NA		2.3	Y	Absent		ALK-T-2320(14)
L2466514-03L	Plastic 250ml unpreserved	B	7	7	2.3	Y	Absent		SO4-300(28),CL-300(28),NO3-300(2),FERROUS(1)
L2466514-03M	Plastic 250ml HNO3 preserved	B	<2	<2	2.3	Y	Absent		FE-TI(180)
L2466514-03N	Plastic 250ml Zn Acetate/NaOH preserved	B	>9	>9	2.3	Y	Absent		SUB-SULFIDE(7)
L2466514-03O	Plastic 250ml Zn Acetate/NaOH preserved	B	>9	>9	2.3	Y	Absent		SUB-SULFIDE(7)
L2466514-04A	Vial HCl preserved	A	NA		2.5	Y	Absent		NYTCL-8260-R2(14)
L2466514-04B	Vial HCl preserved	A	NA		2.5	Y	Absent		NYTCL-8260-R2(14)
L2466514-04C	Vial HCl preserved	A	NA		2.5	Y	Absent		NYTCL-8260-R2(14)
L2466514-04D	Vial unpreserved 20ml	B	NA		2.3	Y	Absent		DISSGAS-CO2(7)
L2466514-04E	Vial unpreserved 20ml	B	NA		2.3	Y	Absent		DISSGAS-CO2(7)
L2466514-04F	Vial H2SO4 preserved	B	NA		2.3	Y	Absent		TOC-5310(28)
L2466514-04G	Vial H2SO4 preserved	B	NA		2.3	Y	Absent		TOC-5310(28)

**Project Name:** JMA WIRELESS**Lab Number:** L2466514**Project Number:** 059294.003**Report Date:** 11/30/24**Container Information**

<b>Container ID</b>	<b>Container Type</b>	<b>Cooler</b>	<b>Initial pH</b>	<b>Final pH</b>	<b>Temp deg C</b>	<b>Pres</b>	<b>Seal</b>	<b>Frozen Date/Time</b>	<b>Analysis(*)</b>
L2466514-04H	Vial HCl preserved	B	NA	NA	2.3	Y	Absent		SUB-DISSGAS(14)
L2466514-04J	Vial HCl preserved	B	NA	NA	2.3	Y	Absent		SUB-DISSGAS(14)
L2466514-04K	Plastic 250ml unpreserved/No Headspace	B	NA		2.3	Y	Absent		ALK-T-2320(14)
L2466514-04L	Plastic 250ml unpreserved	B	7	7	2.3	Y	Absent		SO4-300(28),CL-300(28),NO3-300(2),FERROUS(1)
L2466514-04M	Plastic 250ml HNO3 preserved	B	<2	<2	2.3	Y	Absent		FE-TI(180)
L2466514-04N	Plastic 250ml Zn Acetate/NaOH preserved	B	>9	>9	2.3	Y	Absent		SUB-SULFIDE(7)
L2466514-04O	Plastic 250ml Zn Acetate/NaOH preserved	B	>9	>9	2.3	Y	Absent		SUB-SULFIDE(7)
L2466514-05A	Vial HCl preserved	A	NA		2.5	Y	Absent		NYTCL-8260-R2(14)
L2466514-05B	Vial HCl preserved	A	NA		2.5	Y	Absent		NYTCL-8260-R2(14)
L2466514-05C	Vial HCl preserved	A	NA		2.5	Y	Absent		NYTCL-8260-R2(14)
L2466514-05D	Vial unpreserved 20ml	B	NA		2.3	Y	Absent		DISSGAS-CO2(7)
L2466514-05E	Vial unpreserved 20ml	B	NA		2.3	Y	Absent		DISSGAS-CO2(7)
L2466514-05F	Vial H2SO4 preserved	B	NA		2.3	Y	Absent		TOC-5310(28)
L2466514-05G	Vial H2SO4 preserved	B	NA		2.3	Y	Absent		TOC-5310(28)
L2466514-05H	Vial HCl preserved	B	NA	NA	2.3	Y	Absent		SUB-DISSGAS(14)
L2466514-05J	Vial HCl preserved	B	NA	NA	2.3	Y	Absent		SUB-DISSGAS(14)
L2466514-05K	Plastic 250ml unpreserved/No Headspace	B	NA		2.3	Y	Absent		ALK-T-2320(14)
L2466514-05L	Plastic 250ml unpreserved	B	7	7	2.3	Y	Absent		SO4-300(28),CL-300(28),NO3-300(2),FERROUS(1)
L2466514-05M	Plastic 250ml HNO3 preserved	B	<2	<2	2.3	Y	Absent		FE-TI(180)
L2466514-05N	Plastic 250ml Zn Acetate/NaOH preserved	B	>9	>9	2.3	Y	Absent		SUB-SULFIDE(7)
L2466514-05O	Plastic 250ml Zn Acetate/NaOH preserved	B	>9	>9	2.3	Y	Absent		SUB-SULFIDE(7)
L2466514-06A	Vial HCl preserved	A	NA		2.5	Y	Absent		NYTCL-8260-R2(14)
L2466514-06B	Vial HCl preserved	A	NA		2.5	Y	Absent		NYTCL-8260-R2(14)
L2466514-06C	Vial HCl preserved	A	NA		2.5	Y	Absent		NYTCL-8260-R2(14)
L2466514-06D	Vial unpreserved 20ml	A	NA		2.5	Y	Absent		DISSGAS-CO2(7)
L2466514-06E	Vial unpreserved 20ml	A	NA		2.5	Y	Absent		DISSGAS-CO2(7)
L2466514-06F	Vial H2SO4 preserved	A	NA		2.5	Y	Absent		TOC-5310(28)
L2466514-06G	Vial H2SO4 preserved	A	NA		2.5	Y	Absent		TOC-5310(28)

**Project Name:** JMA WIRELESS  
**Project Number:** 059294.003

Serial\_No:11302415:08  
**Lab Number:** L2466514  
**Report Date:** 11/30/24

**Container Information**

<b>Container ID</b>	<b>Container Type</b>	<b>Cooler</b>	<b>Initial pH</b>	<b>Final pH</b>	<b>Temp deg C</b>	<b>Pres</b>	<b>Seal</b>	<b>Frozen Date/Time</b>	<b>Analysis(*)</b>
L2466514-06H	Vial HCl preserved	A	NA	NA	2.5	Y	Absent		SUB-DISSGAS(14)
L2466514-06J	Vial HCl preserved	A	NA	NA	2.5	Y	Absent		SUB-DISSGAS(14)
L2466514-06K	Plastic 250ml unpreserved/No Headspace	A	NA		2.5	Y	Absent		ALK-T-2320(14)
L2466514-06L	Plastic 250ml unpreserved	A	7	7	2.5	Y	Absent		SO4-300(28),CL-300(28),NO3-300(2),FERROUS(1)
L2466514-06M	Plastic 250ml HNO3 preserved	A	<2	<2	2.5	Y	Absent		FE-TI(180)
L2466514-06N	Plastic 250ml Zn Acetate/NaOH preserved	A	>9	>9	2.5	Y	Absent		SUB-SULFIDE(7)
L2466514-06O	Plastic 250ml Zn Acetate/NaOH preserved	A	>9	>9	2.5	Y	Absent		SUB-SULFIDE(7)
L2466514-07A	Vial HCl preserved	A	NA		2.5	Y	Absent		NYTCL-8260-R2(14)
L2466514-07B	Vial HCl preserved	A	NA		2.5	Y	Absent		NYTCL-8260-R2(14)

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## GLOSSARY

### Acronyms

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

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### Footnotes

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

### Terms

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

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

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

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

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

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

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

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

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

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

### Data Qualifiers

- A** - Spectra identified as "Aldol Condensates" are byproducts of the extraction/concentration procedures when acetone is introduced in the process.
- B** - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).
- C** - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.
- D** - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.
- E** - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.
- F** - The ratio of quantifier ion response to qualifier ion response falls outside of the laboratory criteria. Results are considered to be an estimated maximum concentration.
- G** - The concentration may be biased high due to matrix interferences (i.e. co-elution) with non-target compound(s). The result should be considered estimated.
- H** - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.
- I** - The lower value for the two columns has been reported due to obvious interference.
- J** - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively

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#### **Data Qualifiers**

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

- M** - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.
- ND** - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.
- NJ** - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.
- P** - The RPD between the results for the two columns exceeds the method-specified criteria.
- Q** - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)
- R** - Analytical results are from sample re-analysis.
- RE** - Analytical results are from sample re-extraction.
- S** - Analytical results are from modified screening analysis.
- V** - The surrogate associated with this target analyte has a recovery outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)
- Z** - The batch matrix spike and/or duplicate associated with this target analyte has a recovery/RPD outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

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**Project Number:** 059294.003

**Lab Number:** L2466514  
**Report Date:** 11/30/24

## REFERENCES

- 1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - VI, 2018.
- 44 Methods for the Determination of Inorganic Substances in Environmental Samples, EPA/600/R-93/100, August 1993.
- 107 Calculation method.
- 117 Technical Guidance for the Natural Attenuation Indicators: Methane, Ethane, and Ethene, EPA-NE, Revision 1, February 21, 2002 and Sample Preparation & Calculations for Dissolved Gas Analysis in Water Samples using a GC Headspace Equilibration Technique, EPA RSKSOP-175, Revision 2, May 2004.
- 121 Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WEF. Standard Methods Online.

## LIMITATION OF LIABILITIES

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

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



## Certification Information

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

### Westborough Facility

**EPA 624.1:** m/p-xylene, o-xylene, Naphthalene

**EPA 625.1:** alpha-Terpineol

**EPA 8260D:** NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.

**EPA 8270E:** NPW: Dimethylnaphthalene,1,4-Diphenylhydrazine, alpha-Terpineol, Azobenzene; SCM: Dimethylnaphthalene,1,4-Diphenylhydrazine, 2,6-Dichlorophenol.

**SM4500:** NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO<sub>2</sub>, NO<sub>3</sub>.

### Mansfield Facility

**SM 2540D:** TSS.

**EPA TO-15:** Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene,

3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.

**Nonpotable Water:** EPA RSK-175 Dissolved Gases

**Biological Tissue Matrix:** EPA 3050B

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

### Westborough Facility:

#### Drinking Water

**EPA 300.0:** Chloride, Nitrate-N, Fluoride, Sulfate; **EPA 353.2:** Nitrate-N, Nitrite-N; **SM4500NO3-F:** Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE,**

**EPA 180.1, SM2130B, SM4500Cl-D, SM2320B, SM2540C, SM4500H-B, SM4500NO2-B**

**EPA 524.2:** THMs and VOCs; **EPA 504.1:** EDB, DBCP.

**Microbiology:** SM9215B; SM9223-P/A, SM9223B-Colilert-QT, SM9222D.

#### Non-Potable Water

**SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH:** Ammonia-N and Kjeldahl-N, **EPA 350.1:**

Ammonia-N, **LACHAT 10-107-06-1-B:** Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2:** Nitrate-N, **SM4500P-E, SM4500P-B, E, SM4500SO4-E,**

**SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D, EPA 300:** Chloride, Sulfate, Nitrate.

**EPA 624.1:** Volatile Halocarbons & Aromatics,

**EPA 608.3:** Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II,

Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs

**EPA 625.1:** SVOC (Acid/Base/Neutral Extractables).

**Microbiology:** SM9223B-Colilert-QT; Enterolert-QT, EPA 1600, EPA 1603, SM9222D.

### Mansfield Facility:

#### Drinking Water

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

**EPA 522, EPA 537.1.**

#### Non-Potable Water

**EPA 200.7:** Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.

**EPA 200.8:** Al, Sb, As, Be, Cd, Cr, Cu, Fe, Pb, Mn, Ni, K, Se, Ag, Na, TL, Zn.

**EPA 245.1 Hg.**

**SM2340B**

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

**L2466514 20NOV24**  
**CHA - SYRACUSE**

 <p><b>NEW YORK CHAIN OF CUSTODY</b></p> <p>Westborough, MA 01581 8 Walkup Dr. TEL: 508-898-9220 FAX: 508-898-9193</p> <p>Mansfield, MA 02048 320 Forbes Blvd TEL: 508-822-9300 FAX: 508-822-3288</p>		<p><b>Service Centers</b></p> <p>Mahwah, NJ 07430: 35 Whitney Rd, Suite 5 Albany, NY 12205: 14 Walker Way Tonawanda, NY 14150: 275 Cooper Ave, Suite 105</p>		<p>Page <u>1</u> of <u>1</u></p>		<p>Date Rec'd in Lab <u>11/14/24</u></p>		<p><b>L2466514 20NOV24</b> <b>CHA - SYRACUSE</b></p>																																																																																																																																																			
		<p><b>Project Information</b></p> <p>Project Name: <u>JMA Wireless</u></p> <p>Project Location: <u>Syracuse, NY</u></p> <p>Project # <u>059294.003</u></p> <p>(Use Project name as Project #) <input type="checkbox"/></p>		<p><b>Deliverables</b></p> <p><input type="checkbox"/> ASP-A <input checked="" type="checkbox"/> ASP-B  <input type="checkbox"/> EQUIS (1 File) <input checked="" type="checkbox"/> EQUIS (4 File)  <input type="checkbox"/> Other <u>(NY)</u></p>		<p><b>Billing Information</b></p> <p><input type="checkbox"/> Same as Client Info</p> <p>PO # <u>05929422 c/o 3</u></p>																																																																																																																																																					
<p><b>Client Information</b></p> <p>Client: <u>CHA Consulting</u></p> <p>Address: <u>300 S. State St. Syracuse NY 13202</u></p> <p>Phone: <u>315-257-7250</u></p> <p>Fax:</p> <p>Email: <u>Kehmann@chasolutions.com</u></p>		<p><b>Project Manager:</b> <u>Sam Miller</u></p> <p><b>ALPHAQuote #:</b> <u>26395-R3</u></p>		<p><b>Regulatory Requirement</b></p> <p><input checked="" type="checkbox"/> NY TOGS <input type="checkbox"/> NY Part 375  <input type="checkbox"/> AWQ Standards <input type="checkbox"/> NY CP-51  <input type="checkbox"/> NY Restricted Use <input type="checkbox"/> Other  <input type="checkbox"/> NY Unrestricted Use  <input type="checkbox"/> NYC Sewer Discharge</p>		<p><b>Disposal Site Information</b></p> <p>Please identify below location of applicable disposal facilities.</p> <p>Disposal Facility:</p> <p><input type="checkbox"/> NJ <input type="checkbox"/> NY  <input type="checkbox"/> Other:</p>																																																																																																																																																					
<p><b>Turn-Around Time</b></p> <p>Standard <input checked="" type="checkbox"/> Due Date:</p> <p>Rush (only if pre approved) <input type="checkbox"/> # of Days:</p>		<p><b>ANALYSIS</b></p>		<p><b>Sample Filtration</b></p> <p><input type="checkbox"/> Done  <input type="checkbox"/> Lab to do  <input type="checkbox"/> Preservation  <input type="checkbox"/> Lab to do</p> <p>(Please Specify below)</p>		<p><b>TOTAL BOTTLES</b></p>																																																																																																																																																					
<p>These samples have been previously analyzed by Alpha <input type="checkbox"/></p> <p>Other project specific requirements/comments:</p> <p><u>2 Coolers</u></p> <p>Please specify Metals or TAL. <u>Iron</u></p>		<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th rowspan="2">ALPHA Lab ID (Lab Use Only)</th> <th rowspan="2">Sample ID</th> <th colspan="2">Collection</th> <th rowspan="2">Sample Matrix</th> <th rowspan="2">Sampler's Initials</th> <th rowspan="2">NYTCL</th> <th rowspan="2">TOC</th> <th rowspan="2">Iron</th> <th rowspan="2">DISSGAS CO2</th> <th rowspan="2">SUB-DISSGAS</th> <th rowspan="2">Sulfide</th> <th rowspan="2">AIK-T-2320</th> <th rowspan="2">SO4/CL/NO3/FERROS</th> <th rowspan="2">Sample Specific Comments</th> </tr> <tr> <th>Date</th> <th>Time</th> </tr> </thead> <tbody> <tr> <td><u>66514-01</u></td> <td><u>MW-105D-20241113</u></td> <td><u>11-13-24</u></td> <td><u>10:00</u></td> <td><u>GW</u></td> <td><u>KE</u></td> <td>X</td> <td>X</td> <td>X</td> <td>X</td> <td>X</td> <td>X</td> <td>X</td> <td>X</td> <td></td> </tr> <tr> <td><u>01</u></td> <td><u>MS-20241113</u></td> <td></td> <td><u>10:00</u></td> <td></td> <td></td> <td>X</td> <td>X</td> <td>X</td> <td>X</td> <td>X</td> <td>X</td> <td>X</td> <td>X</td> <td></td> </tr> <tr> <td><u>01</u></td> <td><u>MSP-20241113</u></td> <td></td> <td><u>10:00</u></td> <td></td> <td></td> <td>X</td> <td>X</td> <td>X</td> <td>X</td> <td>X</td> <td>X</td> <td>X</td> <td>X</td> <td></td> </tr> <tr> <td><u>02</u></td> <td><u>MW-7R-20241113</u></td> <td></td> <td><u>11:10</u></td> <td></td> <td></td> <td>X</td> <td>X</td> <td>X</td> <td>X</td> <td>X</td> <td>X</td> <td>X</td> <td>X</td> <td></td> </tr> <tr> <td><u>03</u></td> <td><u>MW-6R-20241113</u></td> <td></td> <td><u>12:30</u></td> <td></td> <td></td> <td>X</td> <td>X</td> <td>X</td> <td>X</td> <td>X</td> <td>X</td> <td>X</td> <td>X</td> <td></td> </tr> <tr> <td><u>04</u></td> <td><u>MW-5R-20241113</u></td> <td></td> <td><u>13:25</u></td> <td></td> <td></td> <td>X</td> <td>X</td> <td>X</td> <td>X</td> <td>X</td> <td>X</td> <td>X</td> <td>X</td> <td></td> </tr> <tr> <td><u>05</u></td> <td><u>MW-4-20241113</u></td> <td></td> <td><u>14:15</u></td> <td></td> <td></td> <td>X</td> <td>X</td> <td>X</td> <td>X</td> <td>X</td> <td>X</td> <td>X</td> <td>X</td> <td></td> </tr> <tr> <td><u>06</u></td> <td><u>CHA-1-20241113</u></td> <td></td> <td><u>09:00</u></td> <td></td> <td></td> <td>X</td> <td>X</td> <td>X</td> <td>X</td> <td>X</td> <td>X</td> <td>X</td> <td>X</td> <td></td> </tr> <tr> <td><u>07</u></td> <td><u>Trip Blank-20241113</u></td> <td><u>-</u></td> <td><u>-</u></td> <td><u>Labwater</u></td> <td></td> <td>X</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </tbody> </table>		ALPHA Lab ID (Lab Use Only)	Sample ID			Collection		Sample Matrix	Sampler's Initials	NYTCL	TOC	Iron	DISSGAS CO2	SUB-DISSGAS	Sulfide	AIK-T-2320	SO4/CL/NO3/FERROS	Sample Specific Comments	Date	Time	<u>66514-01</u>	<u>MW-105D-20241113</u>	<u>11-13-24</u>	<u>10:00</u>	<u>GW</u>	<u>KE</u>	X	X	X	X	X	X	X	X		<u>01</u>	<u>MS-20241113</u>		<u>10:00</u>			X	X	X	X	X	X	X	X		<u>01</u>	<u>MSP-20241113</u>		<u>10:00</u>			X	X	X	X	X	X	X	X		<u>02</u>	<u>MW-7R-20241113</u>		<u>11:10</u>			X	X	X	X	X	X	X	X		<u>03</u>	<u>MW-6R-20241113</u>		<u>12:30</u>			X	X	X	X	X	X	X	X		<u>04</u>	<u>MW-5R-20241113</u>		<u>13:25</u>			X	X	X	X	X	X	X	X		<u>05</u>	<u>MW-4-20241113</u>		<u>14:15</u>			X	X	X	X	X	X	X	X		<u>06</u>	<u>CHA-1-20241113</u>		<u>09:00</u>			X	X	X	X	X	X	X	X		<u>07</u>	<u>Trip Blank-20241113</u>	<u>-</u>	<u>-</u>	<u>Labwater</u>		X						
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<p>Preservative Code:  A = None  B = HCl  C = HNO3  D = H2SO4  E = NaOH  F = MeOH  G = NaHSO4  H = Na2S2O3  K/E = Zn Ac/NaOH  O = Other</p>		<p>Container Code:  P = Plastic  A = Amber Glass  V = Vial  G = Glass  B = Bacteria Cup  C = Cube  O = Other  E = Encore  D = BOD Bottle</p>		<p>Westboro: Certification No: MA935  Mansfield: Certification No: MA015</p>		<p>Container Type: <u>V V P V V P P P</u></p> <p>Preservative: <u>B D C A B K/E A A</u></p>		<p>Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved, BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS &amp; CONDITIONS. (See reverse side.)</p>																																																																																																																																																			
<p>Form No: 01-25 HC (rev. 30-Sept-2013)</p>		<p>Relinquished By: <u>[Signature]</u></p> <p>Date/Time: <u>11-13-24 1507</u></p>		<p>Received By: <u>[Signature]</u></p> <p>Date/Time: <u>11/13/24 1507</u></p>		<p><u>11-13-24 1700</u></p> <p><u>11-13-24 2130</u></p>		<p><u>11/14/24 030</u></p>																																																																																																																																																			

November 25, 2024

Melissa Deyo  
Alpha Analytical Laboratory  
8 Walkup Drive  
Westborough, MA 01581

Project Location: NY  
Client Job Number:  
Project Number: L2466514  
Laboratory Work Order Number: 24K1132

Enclosed are results of analyses for samples as received by the laboratory on November 14, 2024. If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Rebecca Faust  
Project Manager

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39 Spruce Street \* East Longmeadow, MA 01028 \* FAX 413/525-6405 \* TEL. 413/525-2332

Alpha Analytical Laboratory  
 8 Walkup Drive  
 Westborough, MA 01581  
 ATTN: Melissa Deyo

REPORT DATE: 11/25/2024

PURCHASE ORDER NUMBER:

PROJECT NUMBER: L2466514

## ANALYTICAL SUMMARY

WORK ORDER NUMBER: 24K1132

The results of analyses performed on the following samples submitted to CON-TEST, a Pace Analytical Laboratory, are found in this report.

PROJECT LOCATION: NY

FIELD SAMPLE #	LAB ID:	MATRIX	SAMPLE DESCRIPTION	TEST	SUB LAB
MW-105D-20241113	24K1132-01	Water		RSK175 SM21-23 4500S-F	
MW-7R-20241113	24K1132-02	Water		RSK175 SM21-23 4500S-F	
MW-6R-20241113	24K1132-03	Water		RSK175 SM21-23 4500S-F	
MW-5R-20241113	24K1132-04	Water		RSK175 SM21-23 4500S-F	
MW-4-20241113	24K1132-05	Water		RSK175 SM21-23 4500S-F	
CHA-1--20241113	24K1132-06	Water		RSK175 SM21-23 4500S-F	

**CASE NARRATIVE SUMMARY**

All reported results are within defined laboratory quality control objectives unless listed below or otherwise qualified in this report.

The results of analyses reported only relate to samples submitted to Con-Test, a Pace Analytical Laboratory, for testing.

I certify that the analyses listed above, unless specifically listed as subcontracted, if any, were performed under my direction according to the approved methodologies listed in this document, and that based upon my inquiry of those individuals immediately responsible for obtaining the information, the material contained in this report is, to the best of my knowledge and belief, accurate and complete.



Lisa A. Worthington  
Technical Representative



39 Spruce Street \* East Longmeadow, MA 01028 \* FAX 413/525-6405 \* TEL. 413/525-2332

Project Location: NY

Sample Description:

Work Order: 24K1132

Date Received: 11/14/2024

Field Sample #: MW-105D-20241113

Sampled: 11/13/2024 10:00

Sample ID: 24K1132-01

Sample Matrix: Water

## Miscellaneous Organic Analyses

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Ethane	0.0043	0.014	0.0013	mg/L	1	J	RSK175	11/21/24	11/21/24 10:12	TPH
Ethene	ND	0.017	0.0018	mg/L	1		RSK175	11/21/24	11/21/24 10:12	TPH
Methane	2.4	0.0070	0.0010	mg/L	1		RSK175	11/21/24	11/21/24 10:12	TPH



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Project Location: NY

Sample Description:

Work Order: 24K1132

Date Received: 11/14/2024

Field Sample #: MW-105D-20241113

Sampled: 11/13/2024 10:00

Sample ID: 24K1132-01

Sample Matrix: Water

## Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Sulfide	ND	2.0	1.8	mg/L	1		SM21-23 4500S-F	11/18/24	11/18/24 15:15	DET



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Project Location: NY

Sample Description:

Work Order: 24K1132

Date Received: 11/14/2024

Field Sample #: MW-7R-20241113

Sampled: 11/13/2024 11:10

Sample ID: 24K1132-02

Sample Matrix: Water

## Miscellaneous Organic Analyses

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Ethane	0.025	0.014	0.0013	mg/L	1		RSK175	11/21/24	11/21/24 10:41	TPH
Ethene	0.061	0.017	0.0018	mg/L	1		RSK175	11/21/24	11/21/24 10:41	TPH
Methane	4.7	0.0070	0.0010	mg/L	1		RSK175	11/21/24	11/21/24 10:41	TPH



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Project Location: NY

Sample Description:

Work Order: 24K1132

Date Received: 11/14/2024

Field Sample #: MW-7R-20241113

Sampled: 11/13/2024 11:10

Sample ID: 24K1132-02

Sample Matrix: Water

## Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Sulfide	ND	2.0	1.8	mg/L	1		SM21-23 4500S-F	11/18/24	11/18/24 15:15	DET



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Project Location: NY

Sample Description:

Work Order: 24K1132

Date Received: 11/14/2024

Field Sample #: MW-6R-20241113

Sampled: 11/13/2024 12:30

Sample ID: 24K1132-03

Sample Matrix: Water

## Miscellaneous Organic Analyses

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Ethane	0.38	0.014	0.0013	mg/L	1		RSK175	11/21/24	11/21/24 11:02	TPH
Ethene	0.49	0.017	0.0018	mg/L	1		RSK175	11/21/24	11/21/24 11:02	TPH
Methane	8.3	0.014	0.0020	mg/L	2		RSK175	11/21/24	11/21/24 11:11	TPH



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Project Location: NY

Sample Description:

Work Order: 24K1132

Date Received: 11/14/2024

Field Sample #: MW-6R-20241113

Sampled: 11/13/2024 12:30

Sample ID: 24K1132-03

Sample Matrix: Water

## Conventional Chemistry Parameters by EPA/PHA/SW-846 Methods (Total)

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Sulfide	2.4	2.0	1.8	mg/L	1		SM21-23 4500S-F	11/18/24	11/18/24 15:15	DET



39 Spruce Street \* East Longmeadow, MA 01028 \* FAX 413/525-6405 \* TEL. 413/525-2332

Project Location: NY

Sample Description:

Work Order: 24K1132

Date Received: 11/14/2024

Field Sample #: MW-5R-20241113

Sampled: 11/13/2024 13:25

Sample ID: 24K1132-04

Sample Matrix: Water

## Miscellaneous Organic Analyses

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Ethane	0.044	0.014	0.0013	mg/L	1		RSK175	11/21/24	11/21/24 11:20	TPH
Ethene	0.030	0.017	0.0018	mg/L	1		RSK175	11/21/24	11/21/24 11:20	TPH
Methane	1.4	0.0070	0.0010	mg/L	1		RSK175	11/21/24	11/21/24 11:20	TPH



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Project Location: NY

Sample Description:

Work Order: 24K1132

Date Received: 11/14/2024

Field Sample #: MW-5R-20241113

Sampled: 11/13/2024 13:25

Sample ID: 24K1132-04

Sample Matrix: Water

## Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Sulfide	1.8	2.0	1.8	mg/L	1	J	SM21-23 4500S-F	11/18/24	11/18/24 15:15	DET



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Project Location: NY

Sample Description:

Work Order: 24K1132

Date Received: 11/14/2024

Field Sample #: MW-4-20241113

Sampled: 11/13/2024 14:15

Sample ID: 24K1132-05

Sample Matrix: Water

## Miscellaneous Organic Analyses

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Ethane	0.64	0.014	0.0013	mg/L	1		RSK175	11/21/24	11/21/24 11:28	TPH
Ethene	0.050	0.017	0.0018	mg/L	1		RSK175	11/21/24	11/21/24 11:28	TPH
Methane	11	0.035	0.0050	mg/L	5		RSK175	11/21/24	11/21/24 11:44	TPH



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Project Location: NY

Sample Description:

Work Order: 24K1132

Date Received: 11/14/2024

Field Sample #: MW-4-20241113

Sampled: 11/13/2024 14:15

Sample ID: 24K1132-05

Sample Matrix: Water

## Conventional Chemistry Parameters by EPA/PHA/SW-846 Methods (Total)

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Sulfide	3.0	2.0	1.8	mg/L	1		SM21-23 4500S-F	11/18/24	11/18/24 15:15	DET



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Project Location: NY

Sample Description:

Work Order: 24K1132

Date Received: 11/14/2024

Field Sample #: CHA-1--20241113

Sampled: 11/13/2024 09:00

Sample ID: 24K1132-06

Sample Matrix: Water

## Miscellaneous Organic Analyses

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Ethane	0.026	0.014	0.0013	mg/L	1		RSK175	11/21/24	11/21/24 11:53	TPH
Ethene	0.058	0.017	0.0018	mg/L	1		RSK175	11/21/24	11/21/24 11:53	TPH
Methane	4.3	0.0070	0.0010	mg/L	1		RSK175	11/21/24	11/21/24 11:53	TPH



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Project Location: NY

Sample Description:

Work Order: 24K1132

Date Received: 11/14/2024

Field Sample #: CHA-1--20241113

Sampled: 11/13/2024 09:00

Sample ID: 24K1132-06

Sample Matrix: Water

## Conventional Chemistry Parameters by EPA/PHA/SW-846 Methods (Total)

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Sulfide	ND	2.0	1.8	mg/L	1		SM21-23 4500S-F	11/18/24	11/18/24 15:15	DET

39 Spruce Street \* East Longmeadow, MA 01028 \* FAX 413/525-6405 \* TEL. 413/525-2332

**Sample Extraction Data**

Prep Method:SW-846 5035 Analytical Method:RSK175

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date
24K1132-01 [MW-105D-20241113]	B392851	1	1.00	11/21/24
24K1132-02 [MW-7R-20241113]	B392851	1	1.00	11/21/24
24K1132-03 [MW-6R-20241113]	B392851	1	1.00	11/21/24
24K1132-03RE1 [MW-6R-20241113]	B392851	0.5	1.00	11/21/24
24K1132-04 [MW-5R-20241113]	B392851	1	1.00	11/21/24
24K1132-05 [MW-4-20241113]	B392851	1	1.00	11/21/24
24K1132-05RE1 [MW-4-20241113]	B392851	0.2	1.00	11/21/24
24K1132-06 [CHA-1--20241113]	B392851	1	1.00	11/21/24

SM21-23 4500S-F

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date
24K1132-01 [MW-105D-20241113]	B392447	200	200	11/18/24
24K1132-02 [MW-7R-20241113]	B392447	200	200	11/18/24
24K1132-03 [MW-6R-20241113]	B392447	200	200	11/18/24
24K1132-04 [MW-5R-20241113]	B392447	200	200	11/18/24
24K1132-05 [MW-4-20241113]	B392447	200	200	11/18/24
24K1132-06 [CHA-1--20241113]	B392447	200	200	11/18/24

39 Spruce Street \* East Longmeadow, MA 01028 \* FAX 413/525-6405 \* TEL. 413/525-2332

**QUALITY CONTROL****Miscellaneous Organic Analyses - Quality Control**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
<b>Batch B392851 - SW-846 5035</b>										
<b>Blank (B392851-BLK1)</b>										
Prepared & Analyzed: 11/21/24										
Ethane	ND	0.014	mg/L							
Ethene	ND	0.017	mg/L							
Methane	ND	0.0070	mg/L							
<b>LCS (B392851-BS1)</b>										
Prepared & Analyzed: 11/21/24										
Ethane	0.37		mg/L	0.3433		108	73.1-116			
Ethene	0.34		mg/L	0.3205		106	67.6-116			
Methane	0.19		mg/L	0.1831		105	73.2-114			
<b>Duplicate (B392851-DUP1)</b>										
<b>Source: 24K1132-02</b>										
Prepared & Analyzed: 11/21/24										
Ethane	0.0241	0.014	mg/L		0.0247			2.50	20	
Ethene	0.0597	0.017	mg/L		0.0612			2.55	20	
Methane	4.57	0.0070	mg/L		4.69			2.62	20	
<b>Matrix Spike (B392851-MS1)</b>										
<b>Source: 24K1132-01</b>										
Prepared & Analyzed: 11/21/24										
Ethane	0.344		mg/L	0.3277	0.00428	104	0-200			
Ethene	0.313		mg/L	0.3055	0.00	103	0-200			
Methane	2.54		mg/L	0.1751	2.41	71.7	0-200			
<b>Matrix Spike Dup (B392851-MSD1)</b>										
<b>Source: 24K1132-01</b>										
Prepared & Analyzed: 11/21/24										
Ethane	0.333		mg/L	0.3277	0.00428	100	0-200	3.40		
Ethene	0.303		mg/L	0.3055	0.00	99.1	0-200	3.37		
Methane	2.46		mg/L	0.1751	2.41	23.6	0-200	3.37		

39 Spruce Street \* East Longmeadow, MA 01028 \* FAX 413/525-6405 \* TEL. 413/525-2332

**QUALITY CONTROL****Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total) - Quality Control**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
<b>Batch B392447 - SM21-23 4500S-F</b>										
<b>Blank (B392447-BLK1)</b>				Prepared & Analyzed: 11/18/24						
Sulfide	ND	2.0	mg/L							
<b>LCS (B392447-BS1)</b>				Prepared & Analyzed: 11/18/24						
Sulfide	9.0	2.0	mg/L	10.05		89.6	79.7-122			
<b>LCS Dup (B392447-BSD1)</b>				Prepared & Analyzed: 11/18/24						
Sulfide	8.8	2.0	mg/L	10.05		87.6	79.7-122	2.25	20	
<b>Matrix Spike (B392447-MS1)</b>				<b>Source: 24K1132-01</b>		Prepared & Analyzed: 11/18/24				
Sulfide	10.0	2.0	mg/L	10.05	ND	99.5	42.2-141			
<b>Matrix Spike Dup (B392447-MSD1)</b>				<b>Source: 24K1132-01</b>		Prepared & Analyzed: 11/18/24				
Sulfide	10.0	2.0	mg/L	10.05	ND	99.5	42.2-141	0.00	22.7	

**FLAG/QUALIFIER SUMMARY**

*	QC result is outside of established limits.
†	Wide recovery limits established for difficult compound.
‡	Wide RPD limits established for difficult compound.
#	Data exceeded client recommended or regulatory level
ND	Not Detected
RL	Reporting Limit is at the level of quantitation (LOQ)
DL	Detection Limit is the lower limit of detection determined by the MDL study
MCL	Maximum Contaminant Level
	Percent recoveries and relative percent differences (RPDs) are determined by the software using values in the calculation which have not been rounded.
	No results have been blank subtracted unless specified in the case narrative section.
J	Detected but below the Reporting Limit (lowest calibration standard); therefore, result is an estimated concentration (CLP J-Flag).

**CERTIFICATIONS****Certified Analyses included in this Report**

Analyte	Certifications
<b><i>RSK175 in Water</i></b>	
Ethane	VA,NY,ME
Ethene	VA,NY,ME
Methane	VA,NY,ME

***SM21-23 4500S-F in Water***

Sulfide NY,NH,RI,NC,ME,CT

Con-Test, a Pace Environmental Laboratory, operates under the following certifications and accreditations:

Code	Description	Number	Expires
CT	Connecticut Department of Public Health	PH-0821	12/31/2024
NY	New York State Department of Health	10899 NELAP	04/1/2025
NH	New Hampshire Environmental Lab	2516 NELAP	02/5/2025
RI	Rhode Island Department of Health	LAO00373	12/30/2024
NC	North Carolina Div. of Water Quality	652	12/31/2024
ME	State of Maine	MA00100	06/9/2025
VA	Commonwealth of Virginia	460217	12/14/2024

24K1132RF

		<b>Subcontract Chain of Custody</b> Pace New England 39 Spruce St East Longmeadow, MA 01028		Alpha Job Number L2466514 Page 1				
<b>Client Information</b> Client: Alpha Analytical Labs Address: Eight Walkup Drive Westborough, MA 01581-1019 Report To: west.subreports@pacelabs.com Bill To: invoices@pacelabs.coupahost.com Phone: 716.427.5229 Email: Melissa.Deyo@pacelabs.com		<b>Project Information</b> Project Location: NY Project Manager: Melissa Deyo Turnaround & Deliverables Information Due Date: Deliverables: ASP Category B Deliverables		<b>Regulatory Requirements/Report Limits</b> State/Federal Program: Regulatory Criteria: Report to MDL				
<b>Project Specific Requirements and/or Report Requirements</b> Reference following Alpha Job Number on final report/deliverables: L2466514 Report to include Method and/or Regulatory required batch QC Additional Comments: ;Needs ASP B Package; NYSDEC EQUIS EDD Needed.								
Lab ID	Alpha ID	Client ID	Collection Date/Time	Sample Matrix	Analysis	Sample Level Comments	Sample Specific QC	Container Count
	L2466514-01	MW-105D-20241113	11-13-24 10:00	WATER	Dissolved Gasses		MS:MSD	6
	L2466514-02	MW-7R-20241113	11-13-24 11:10	WATER	Sulfide		MS:MSD	2
	L2466514-03	MW-6R-20241113	11-13-24 12:30	WATER	Dissolved Gasses			2
	L2466514-04	MW-5R-20241113	11-13-24 13:25	WATER	Sulfide			2
	L2466514-05	MW-4-20241113	11-13-24 14:15	WATER	Dissolved Gasses			2
	L2466514-06	CHA-1-20241113	11-13-24 09:00	WATER	Sulfide			2
Relinquished By:			Date/Time: 11/14 9:54 AM	Received By: <i>[Signature]</i>	Date/Time: 11/14/24 08:50			
Form No: AL_subcoc			Date/Time: 11/14/24 08:15	Received By: <i>[Signature]</i>	Date/Time: 11-14-24 8:15			







## ANALYTICAL REPORT

Lab Number:	L2513733
Client:	CHA Companies One Park Place 300 South State St., Suite 600 Syracuse, NY 13202
ATTN:	Samantha Miller
Phone:	(315) 471-3920
Project Name:	JMA WIRELESS
Project Number:	059294.003
Report Date:	03/25/25

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

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

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



**Project Name:** JMA WIRELESS  
**Project Number:** 059294.003

**Lab Number:** L2513733  
**Report Date:** 03/25/25

<b>Lab Sample ID</b>	<b>Client ID</b>	<b>Matrix</b>	<b>Sample Location</b>	<b>Collection Date/Time</b>	<b>Receive Date</b>
L2513733-01	CHA-1-20250311	WATER	SYRACUSE, NY	03/11/25 09:00	03/11/25
L2513733-02	MW-105D-20250311	WATER	SYRACUSE, NY	03/11/25 10:20	03/11/25
L2513733-03	MW-7R-20250311	WATER	SYRACUSE, NY	03/11/25 11:10	03/11/25
L2513733-04	MW-6R-20250311	WATER	SYRACUSE, NY	03/11/25 12:00	03/11/25
L2513733-05	MW-5R-20250311	WATER	SYRACUSE, NY	03/11/25 13:30	03/11/25
L2513733-06	MW-4-20250311	WATER	SYRACUSE, NY	03/11/25 14:15	03/11/25
L2513733-07	TRIP BLANK-20250311	WATER	SYRACUSE, NY	03/11/25 00:00	03/11/25

**Project Name:** JMA WIRELESS  
**Project Number:** 059294.003

**Lab Number:** L2513733  
**Report Date:** 03/25/25

### Case Narrative

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

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

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

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

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

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

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**Project Name:** JMA WIRELESS  
**Project Number:** 059294.003

**Lab Number:** L2513733  
**Report Date:** 03/25/25

### Case Narrative (continued)

#### Report Submission

March 25, 2025: This final report includes the results of all requested analyses.

March 19, 2025: This is a preliminary report.

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

The analyses of Dissolved Gases and Sulfide were subcontracted. A copy of the laboratory report is included as an addendum. Please note: This data is only available in PDF format and is not available on Data Merger.

#### Sample Receipt

L2513733-04: One of the containers was received below the appropriate pH for the Subcontract Sulfide analysis. The laboratory added additional NaOH to a pH >9.

#### Volatile Organics

The WG2041904-6/-7 MS/MSD recoveries performed on L2513733-04 are outside the acceptance criteria for vinyl chloride (0%/0%) and cis-1,2-dichloroethene (0%/0%). The unacceptable percent recoveries are attributed to the elevated concentrations of target compounds present in the native sample.

#### Anions by Ion Chromatography

The WG2039739-3/-4 MS/MSD recoveries performed on L2513733-04 do not apply for chloride (15%/41%) because the sample concentrations are greater than four times the spike amount added.

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

Authorized Signature:

 Kelly Stenstrom

Title: Technical Director/Representative

Date: 03/25/25

# ORGANICS

# VOLATILES

**Project Name:** JMA WIRELESS  
**Project Number:** 059294.003

**Lab Number:** L2513733  
**Report Date:** 03/25/25

**SAMPLE RESULTS**

Lab ID: L2513733-01  
 Client ID: CHA-1-20250311  
 Sample Location: SYRACUSE, NY

Date Collected: 03/11/25 09:00  
 Date Received: 03/11/25  
 Field Prep: Not Specified

Sample Depth:

Matrix: Water  
 Analytical Method: 1,8260D  
 Analytical Date: 03/17/25 15:15  
 Analyst: MJV

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Volatile Organics by GC/MS - Westborough Lab</b>						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	9.5		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1

**Project Name:** JMA WIRELESS  
**Project Number:** 059294.003

**Lab Number:** L2513733  
**Report Date:** 03/25/25

**SAMPLE RESULTS**

**Lab ID:** L2513733-01  
**Client ID:** CHA-1-20250311  
**Sample Location:** SYRACUSE, NY

**Date Collected:** 03/11/25 09:00  
**Date Received:** 03/11/25  
**Field Prep:** Not Specified

Sample Depth:

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

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	122		70-130
Toluene-d8	99		70-130
4-Bromofluorobenzene	109		70-130
Dibromofluoromethane	114		70-130

**Project Name:** JMA WIRELESS**Lab Number:** L2513733**Project Number:** 059294.003**Report Date:** 03/25/25**SAMPLE RESULTS**

Lab ID: L2513733-01  
 Client ID: CHA-1-20250311  
 Sample Location: SYRACUSE, NY

Date Collected: 03/11/25 09:00  
 Date Received: 03/11/25  
 Field Prep: Not Specified

Sample Depth:

Matrix: Water

Analytical Method: 117,-

Analytical Date: 03/17/25 13:32

Analyst: BJB

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Dissolved Gases by GC - Mansfield Air Lab						
Carbon Dioxide	55.6		mg/l	3.00	3.00	1

Project Name: JMA WIRELESS

Lab Number: L2513733

Project Number: 059294.003

Report Date: 03/25/25

## SAMPLE RESULTS

Lab ID: L2513733-02  
 Client ID: MW-105D-20250311  
 Sample Location: SYRACUSE, NY

Date Collected: 03/11/25 10:20  
 Date Received: 03/11/25  
 Field Prep: Not Specified

Sample Depth:

Matrix: Water  
 Analytical Method: 1,8260D  
 Analytical Date: 03/17/25 15:37  
 Analyst: MJV

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	9.1		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1

Project Name: JMA WIRELESS

Lab Number: L2513733

Project Number: 059294.003

Report Date: 03/25/25

## SAMPLE RESULTS

Lab ID: L2513733-02  
 Client ID: MW-105D-20250311  
 Sample Location: SYRACUSE, NY

Date Collected: 03/11/25 10:20  
 Date Received: 03/11/25  
 Field Prep: Not Specified

Sample Depth:

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

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	120		70-130
Toluene-d8	104		70-130
4-Bromofluorobenzene	116		70-130
Dibromofluoromethane	113		70-130

**Project Name:** JMA WIRELESS**Lab Number:** L2513733**Project Number:** 059294.003**Report Date:** 03/25/25**SAMPLE RESULTS**

Lab ID: L2513733-02  
 Client ID: MW-105D-20250311  
 Sample Location: SYRACUSE, NY

Date Collected: 03/11/25 10:20  
 Date Received: 03/11/25  
 Field Prep: Not Specified

Sample Depth:

Matrix: Water

Analytical Method: 117,-

Analytical Date: 03/17/25 13:50

Analyst: BJB

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Dissolved Gases by GC - Mansfield Air Lab						
Carbon Dioxide	61.6		mg/l	3.00	3.00	1

**Project Name:** JMA WIRELESS**Lab Number:** L2513733**Project Number:** 059294.003**Report Date:** 03/25/25**SAMPLE RESULTS**

Lab ID: L2513733-03  
 Client ID: MW-7R-20250311  
 Sample Location: SYRACUSE, NY

Date Collected: 03/11/25 11:10  
 Date Received: 03/11/25  
 Field Prep: Not Specified

Sample Depth:

Matrix: Water

Analytical Method: 117,-

Analytical Date: 03/17/25 14:09

Analyst: BJB

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Dissolved Gases by GC - Mansfield Air Lab						
Carbon Dioxide	60.8		mg/l	3.00	3.00	1

Project Name: JMA WIRELESS

Lab Number: L2513733

Project Number: 059294.003

Report Date: 03/25/25

## SAMPLE RESULTS

Lab ID: L2513733-03 D

Date Collected: 03/11/25 11:10

Client ID: MW-7R-20250311

Date Received: 03/11/25

Sample Location: SYRACUSE, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Water

Analytical Method: 1,8260D

Analytical Date: 03/17/25 17:06

Analyst: MJV

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	12	3.5	5
1,1-Dichloroethane	ND		ug/l	12	3.5	5
Chloroform	ND		ug/l	12	3.5	5
Carbon tetrachloride	ND		ug/l	2.5	0.67	5
1,2-Dichloropropane	ND		ug/l	5.0	0.68	5
Dibromochloromethane	ND		ug/l	2.5	0.74	5
1,1,2-Trichloroethane	ND		ug/l	7.5	2.5	5
Tetrachloroethene	ND		ug/l	2.5	0.90	5
Chlorobenzene	ND		ug/l	12	3.5	5
Trichlorofluoromethane	ND		ug/l	12	3.5	5
1,2-Dichloroethane	ND		ug/l	2.5	0.66	5
1,1,1-Trichloroethane	ND		ug/l	12	3.5	5
Bromodichloromethane	ND		ug/l	2.5	0.96	5
trans-1,3-Dichloropropene	ND		ug/l	2.5	0.82	5
cis-1,3-Dichloropropene	ND		ug/l	2.5	0.72	5
Bromoform	ND		ug/l	10	3.2	5
1,1,2,2-Tetrachloroethane	ND		ug/l	2.5	0.84	5
Benzene	ND		ug/l	2.5	0.80	5
Toluene	ND		ug/l	12	3.5	5
Ethylbenzene	ND		ug/l	12	3.5	5
Chloromethane	ND		ug/l	12	3.5	5
Bromomethane	ND		ug/l	12	3.5	5
Vinyl chloride	380		ug/l	5.0	0.36	5
Chloroethane	ND		ug/l	12	3.5	5
1,1-Dichloroethene	2.3	J	ug/l	2.5	0.84	5
trans-1,2-Dichloroethene	7.8	J	ug/l	12	3.5	5
Trichloroethene	ND		ug/l	2.5	0.88	5
1,2-Dichlorobenzene	ND		ug/l	12	3.5	5

Project Name: JMA WIRELESS

Lab Number: L2513733

Project Number: 059294.003

Report Date: 03/25/25

## SAMPLE RESULTS

Lab ID: L2513733-03 D

Date Collected: 03/11/25 11:10

Client ID: MW-7R-20250311

Date Received: 03/11/25

Sample Location: SYRACUSE, NY

Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/l	12	3.5	5
1,4-Dichlorobenzene	ND		ug/l	12	3.5	5
Methyl tert butyl ether	ND		ug/l	12	0.83	5
p/m-Xylene	ND		ug/l	12	3.5	5
o-Xylene	ND		ug/l	12	3.5	5
cis-1,2-Dichloroethene	730		ug/l	12	3.5	5
Styrene	ND		ug/l	12	3.5	5
Dichlorodifluoromethane	ND		ug/l	25	5.0	5
Acetone	ND		ug/l	25	7.3	5
Carbon disulfide	ND		ug/l	25	5.0	5
2-Butanone	ND		ug/l	25	9.7	5
4-Methyl-2-pentanone	ND		ug/l	25	5.0	5
2-Hexanone	ND		ug/l	25	5.0	5
Bromochloromethane	ND		ug/l	12	3.5	5
1,2-Dibromoethane	ND		ug/l	10	3.2	5
1,2-Dibromo-3-chloropropane	ND		ug/l	12	3.5	5
Isopropylbenzene	ND		ug/l	12	3.5	5
1,2,3-Trichlorobenzene	ND		ug/l	12	3.5	5
1,2,4-Trichlorobenzene	ND		ug/l	12	3.5	5
Methyl Acetate	ND		ug/l	10	1.2	5
Cyclohexane	ND		ug/l	50	1.4	5
1,4-Dioxane	ND		ug/l	1200	300	5
Freon-113	ND		ug/l	12	3.5	5
Methyl cyclohexane	ND		ug/l	50	2.0	5

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	123		70-130
Toluene-d8	102		70-130
4-Bromofluorobenzene	113		70-130
Dibromofluoromethane	115		70-130

**Project Name:** JMA WIRELESS**Lab Number:** L2513733**Project Number:** 059294.003**Report Date:** 03/25/25**SAMPLE RESULTS**

Lab ID: L2513733-04  
 Client ID: MW-6R-20250311  
 Sample Location: SYRACUSE, NY

Date Collected: 03/11/25 12:00  
 Date Received: 03/11/25  
 Field Prep: Not Specified

Sample Depth:

Matrix: Water

Analytical Method: 117,-

Analytical Date: 03/17/25 14:28

Analyst: BJB

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Dissolved Gases by GC - Mansfield Air Lab						
Carbon Dioxide	60.6		mg/l	3.00	3.00	1

**Project Name:** JMA WIRELESS**Lab Number:** L2513733**Project Number:** 059294.003**Report Date:** 03/25/25**SAMPLE RESULTS**

Lab ID: L2513733-04 D2

Date Collected: 03/11/25 12:00

Client ID: MW-6R-20250311

Date Received: 03/11/25

Sample Location: SYRACUSE, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Water

Analytical Method: 1,8260D

Analytical Date: 03/18/25 13:14

Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Vinyl chloride	1900		ug/l	50	3.6	50

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	127		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	105		70-130
Dibromofluoromethane	116		70-130

Project Name: JMA WIRELESS

Lab Number: L2513733

Project Number: 059294.003

Report Date: 03/25/25

## SAMPLE RESULTS

Lab ID: L2513733-04 D

Date Collected: 03/11/25 12:00

Client ID: MW-6R-20250311

Date Received: 03/11/25

Sample Location: SYRACUSE, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Water

Analytical Method: 1,8260D

Analytical Date: 03/17/25 17:29

Analyst: MJV

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	25	7.0	10
1,1-Dichloroethane	ND		ug/l	25	7.0	10
Chloroform	ND		ug/l	25	7.0	10
Carbon tetrachloride	ND		ug/l	5.0	1.3	10
1,2-Dichloropropane	ND		ug/l	10	1.4	10
Dibromochloromethane	ND		ug/l	5.0	1.5	10
1,1,2-Trichloroethane	ND		ug/l	15	5.0	10
Tetrachloroethene	3.0	J	ug/l	5.0	1.8	10
Chlorobenzene	ND		ug/l	25	7.0	10
Trichlorofluoromethane	ND		ug/l	25	7.0	10
1,2-Dichloroethane	ND		ug/l	5.0	1.3	10
1,1,1-Trichloroethane	ND		ug/l	25	7.0	10
Bromodichloromethane	ND		ug/l	5.0	1.9	10
trans-1,3-Dichloropropene	ND		ug/l	5.0	1.6	10
cis-1,3-Dichloropropene	ND		ug/l	5.0	1.4	10
Bromoform	ND		ug/l	20	6.5	10
1,1,2,2-Tetrachloroethane	ND		ug/l	5.0	1.7	10
Benzene	2.5	J	ug/l	5.0	1.6	10
Toluene	ND		ug/l	25	7.0	10
Ethylbenzene	ND		ug/l	25	7.0	10
Chloromethane	ND		ug/l	25	7.0	10
Bromomethane	ND		ug/l	25	7.0	10
Vinyl chloride	2400	E	ug/l	10	0.71	10
Chloroethane	ND		ug/l	25	7.0	10
1,1-Dichloroethene	2.7	J	ug/l	5.0	1.7	10
trans-1,2-Dichloroethene	19	J	ug/l	25	7.0	10
Trichloroethene	5.5		ug/l	5.0	1.8	10
1,2-Dichlorobenzene	ND		ug/l	25	7.0	10

Project Name: JMA WIRELESS

Lab Number: L2513733

Project Number: 059294.003

Report Date: 03/25/25

## SAMPLE RESULTS

Lab ID: L2513733-04 D

Date Collected: 03/11/25 12:00

Client ID: MW-6R-20250311

Date Received: 03/11/25

Sample Location: SYRACUSE, NY

Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/l	25	7.0	10
1,4-Dichlorobenzene	ND		ug/l	25	7.0	10
Methyl tert butyl ether	ND		ug/l	25	1.7	10
p/m-Xylene	ND		ug/l	25	7.0	10
o-Xylene	ND		ug/l	25	7.0	10
cis-1,2-Dichloroethene	1800		ug/l	25	7.0	10
Styrene	ND		ug/l	25	7.0	10
Dichlorodifluoromethane	ND		ug/l	50	10.	10
Acetone	ND		ug/l	50	15.	10
Carbon disulfide	ND		ug/l	50	10.	10
2-Butanone	ND		ug/l	50	19.	10
4-Methyl-2-pentanone	ND		ug/l	50	10.	10
2-Hexanone	ND		ug/l	50	10.	10
Bromochloromethane	ND		ug/l	25	7.0	10
1,2-Dibromoethane	ND		ug/l	20	6.5	10
1,2-Dibromo-3-chloropropane	ND		ug/l	25	7.0	10
Isopropylbenzene	ND		ug/l	25	7.0	10
1,2,3-Trichlorobenzene	ND		ug/l	25	7.0	10
1,2,4-Trichlorobenzene	ND		ug/l	25	7.0	10
Methyl Acetate	ND		ug/l	20	2.3	10
Cyclohexane	ND		ug/l	100	2.7	10
1,4-Dioxane	ND		ug/l	2500	610	10
Freon-113	ND		ug/l	25	7.0	10
Methyl cyclohexane	ND		ug/l	100	4.0	10

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	128		70-130
Toluene-d8	102		70-130
4-Bromofluorobenzene	108		70-130
Dibromofluoromethane	118		70-130

Project Name: JMA WIRELESS

Lab Number: L2513733

Project Number: 059294.003

Report Date: 03/25/25

## SAMPLE RESULTS

Lab ID: L2513733-05  
 Client ID: MW-5R-20250311  
 Sample Location: SYRACUSE, NY

Date Collected: 03/11/25 13:30  
 Date Received: 03/11/25  
 Field Prep: Not Specified

Sample Depth:

Matrix: Water  
 Analytical Method: 1,8260D  
 Analytical Date: 03/17/25 16:44  
 Analyst: MJV

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	12		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	0.67		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	180		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Trichloroethene	5.1		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1

Project Name: JMA WIRELESS

Lab Number: L2513733

Project Number: 059294.003

Report Date: 03/25/25

## SAMPLE RESULTS

Lab ID: L2513733-05  
 Client ID: MW-5R-20250311  
 Sample Location: SYRACUSE, NY

Date Collected: 03/11/25 13:30  
 Date Received: 03/11/25  
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.17	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	38		ug/l	2.5	0.70	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl Acetate	ND		ug/l	2.0	0.23	1
Cyclohexane	ND		ug/l	10	0.27	1
1,4-Dioxane	ND		ug/l	250	61.	1
Freon-113	ND		ug/l	2.5	0.70	1
Methyl cyclohexane	ND		ug/l	10	0.40	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	124		70-130
Toluene-d8	102		70-130
4-Bromofluorobenzene	111		70-130
Dibromofluoromethane	112		70-130

**Project Name:** JMA WIRELESS**Lab Number:** L2513733**Project Number:** 059294.003**Report Date:** 03/25/25**SAMPLE RESULTS**

Lab ID: L2513733-05  
 Client ID: MW-5R-20250311  
 Sample Location: SYRACUSE, NY

Date Collected: 03/11/25 13:30  
 Date Received: 03/11/25  
 Field Prep: Not Specified

Sample Depth:

Matrix: Water  
 Analytical Method: 117,-  
 Analytical Date: 03/17/25 14:46  
 Analyst: BJB

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Dissolved Gases by GC - Mansfield Air Lab						
Carbon Dioxide	27.2		mg/l	3.00	3.00	1

**Project Name:** JMA WIRELESS  
**Project Number:** 059294.003

**Lab Number:** L2513733  
**Report Date:** 03/25/25

**SAMPLE RESULTS**

Lab ID: L2513733-06  
 Client ID: MW-4-20250311  
 Sample Location: SYRACUSE, NY

Date Collected: 03/11/25 14:15  
 Date Received: 03/11/25  
 Field Prep: Not Specified

Sample Depth:

Matrix: Water  
 Analytical Method: 1,8260D  
 Analytical Date: 03/17/25 16:22  
 Analyst: MJV

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Volatile Organics by GC/MS - Westborough Lab</b>						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	0.29	J	ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	75		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1

**Project Name:** JMA WIRELESS  
**Project Number:** 059294.003

**Lab Number:** L2513733  
**Report Date:** 03/25/25

**SAMPLE RESULTS**

**Lab ID:** L2513733-06  
**Client ID:** MW-4-20250311  
**Sample Location:** SYRACUSE, NY

**Date Collected:** 03/11/25 14:15  
**Date Received:** 03/11/25  
**Field Prep:** Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Volatile Organics by GC/MS - Westborough Lab</b>						
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.17	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	28		ug/l	2.5	0.70	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl Acetate	ND		ug/l	2.0	0.23	1
Cyclohexane	ND		ug/l	10	0.27	1
1,4-Dioxane	ND		ug/l	250	61.	1
Freon-113	ND		ug/l	2.5	0.70	1
Methyl cyclohexane	ND		ug/l	10	0.40	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	128		70-130
Toluene-d8	99		70-130
4-Bromofluorobenzene	122		70-130
Dibromofluoromethane	121		70-130

**Project Name:** JMA WIRELESS**Lab Number:** L2513733**Project Number:** 059294.003**Report Date:** 03/25/25**SAMPLE RESULTS**

Lab ID: L2513733-06  
 Client ID: MW-4-20250311  
 Sample Location: SYRACUSE, NY

Date Collected: 03/11/25 14:15  
 Date Received: 03/11/25  
 Field Prep: Not Specified

Sample Depth:

Matrix: Water

Analytical Method: 117,-

Analytical Date: 03/17/25 15:06

Analyst: BJB

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Dissolved Gases by GC - Mansfield Air Lab						
Carbon Dioxide	67.4		mg/l	3.00	3.00	1

Project Name: JMA WIRELESS

Lab Number: L2513733

Project Number: 059294.003

Report Date: 03/25/25

## SAMPLE RESULTS

Lab ID: L2513733-07  
 Client ID: TRIP BLANK-20250311  
 Sample Location: SYRACUSE, NY

Date Collected: 03/11/25 00:00  
 Date Received: 03/11/25  
 Field Prep: Not Specified

Sample Depth:

Matrix: Water  
 Analytical Method: 1,8260D  
 Analytical Date: 03/17/25 15:59  
 Analyst: MJV

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

Project Name: JMA WIRELESS

Lab Number: L2513733

Project Number: 059294.003

Report Date: 03/25/25

## SAMPLE RESULTS

Lab ID: L2513733-07  
 Client ID: TRIP BLANK-20250311  
 Sample Location: SYRACUSE, NY

Date Collected: 03/11/25 00:00  
 Date Received: 03/11/25  
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.17	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	3.2	J	ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl Acetate	ND		ug/l	2.0	0.23	1
Cyclohexane	ND		ug/l	10	0.27	1
1,4-Dioxane	ND		ug/l	250	61.	1
Freon-113	ND		ug/l	2.5	0.70	1
Methyl cyclohexane	ND		ug/l	10	0.40	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	129		70-130
Toluene-d8	98		70-130
4-Bromofluorobenzene	105		70-130
Dibromofluoromethane	121		70-130

**Project Name:** JMA WIRELESS  
**Project Number:** 059294.003

**Lab Number:** L2513733  
**Report Date:** 03/25/25

**Method Blank Analysis**  
**Batch Quality Control**

Analytical Method: 117,-  
Analytical Date: 03/17/25 12:34  
Analyst: BJB

<b>Parameter</b>	<b>Result</b>	<b>Qualifier</b>	<b>Units</b>	<b>RL</b>	<b>MDL</b>
Dissolved Gases by GC - Mansfield Air Lab for sample(s): 01-06 Batch: WG2041632-3					
Carbon Dioxide	ND		mg/l	3.00	3.00

**Project Name:** JMA WIRELESS  
**Project Number:** 059294.003

**Lab Number:** L2513733  
**Report Date:** 03/25/25

**Method Blank Analysis**  
**Batch Quality Control**

Analytical Method: 1,8260D  
Analytical Date: 03/17/25 09:41  
Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-07 Batch: WG2041904-5					
Methylene chloride	ND		ug/l	2.5	0.70
1,1-Dichloroethane	ND		ug/l	2.5	0.70
Chloroform	ND		ug/l	2.5	0.70
Carbon tetrachloride	ND		ug/l	0.50	0.13
1,2-Dichloropropane	ND		ug/l	1.0	0.14
Dibromochloromethane	ND		ug/l	0.50	0.15
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50
Tetrachloroethene	ND		ug/l	0.50	0.18
Chlorobenzene	ND		ug/l	2.5	0.70
Trichlorofluoromethane	ND		ug/l	2.5	0.70
1,2-Dichloroethane	ND		ug/l	0.50	0.13
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70
Bromodichloromethane	ND		ug/l	0.50	0.19
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14
Bromoform	ND		ug/l	2.0	0.65
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17
Benzene	ND		ug/l	0.50	0.16
Toluene	ND		ug/l	2.5	0.70
Ethylbenzene	ND		ug/l	2.5	0.70
Chloromethane	ND		ug/l	2.5	0.70
Bromomethane	ND		ug/l	2.5	0.70
Vinyl chloride	ND		ug/l	1.0	0.07
Chloroethane	ND		ug/l	2.5	0.70
1,1-Dichloroethene	ND		ug/l	0.50	0.17
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70
Trichloroethene	ND		ug/l	0.50	0.18
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70

**Project Name:** JMA WIRELESS  
**Project Number:** 059294.003

**Lab Number:** L2513733  
**Report Date:** 03/25/25

**Method Blank Analysis**  
**Batch Quality Control**

Analytical Method: 1,8260D  
Analytical Date: 03/17/25 09:41  
Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-07 Batch: WG2041904-5					
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70
Methyl tert butyl ether	ND		ug/l	2.5	0.17
p/m-Xylene	ND		ug/l	2.5	0.70
o-Xylene	ND		ug/l	2.5	0.70
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70
Styrene	ND		ug/l	2.5	0.70
Dichlorodifluoromethane	ND		ug/l	5.0	1.0
Acetone	ND		ug/l	5.0	1.5
Carbon disulfide	ND		ug/l	5.0	1.0
2-Butanone	ND		ug/l	5.0	1.9
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0
2-Hexanone	ND		ug/l	5.0	1.0
Bromochloromethane	ND		ug/l	2.5	0.70
1,2-Dibromoethane	ND		ug/l	2.0	0.65
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70
Isopropylbenzene	ND		ug/l	2.5	0.70
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70
Methyl Acetate	ND		ug/l	2.0	0.23
Cyclohexane	ND		ug/l	10	0.27
1,4-Dioxane	ND		ug/l	250	61.
Freon-113	ND		ug/l	2.5	0.70
Methyl cyclohexane	ND		ug/l	10	0.40

**Project Name:** JMA WIRELESS  
**Project Number:** 059294.003

**Lab Number:** L2513733  
**Report Date:** 03/25/25

**Method Blank Analysis**  
**Batch Quality Control**

Analytical Method: 1,8260D  
Analytical Date: 03/17/25 09:41  
Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-07 Batch: WG2041904-5					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	114		70-130
Toluene-d8	99		70-130
4-Bromofluorobenzene	110		70-130
Dibromofluoromethane	116		70-130

**Project Name:** JMA WIRELESS  
**Project Number:** 059294.003

**Lab Number:** L2513733  
**Report Date:** 03/25/25

**Method Blank Analysis**  
**Batch Quality Control**

Analytical Method: 1,8260D  
Analytical Date: 03/18/25 09:59  
Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 04 Batch: WG2042023-5					
Methylene chloride	ND		ug/l	2.5	0.70
1,1-Dichloroethane	ND		ug/l	2.5	0.70
Chloroform	ND		ug/l	2.5	0.70
Carbon tetrachloride	ND		ug/l	0.50	0.13
1,2-Dichloropropane	ND		ug/l	1.0	0.14
Dibromochloromethane	ND		ug/l	0.50	0.15
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50
Tetrachloroethene	ND		ug/l	0.50	0.18
Chlorobenzene	ND		ug/l	2.5	0.70
Trichlorofluoromethane	ND		ug/l	2.5	0.70
1,2-Dichloroethane	ND		ug/l	0.50	0.13
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70
Bromodichloromethane	ND		ug/l	0.50	0.19
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14
Bromoform	ND		ug/l	2.0	0.65
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17
Benzene	ND		ug/l	0.50	0.16
Toluene	ND		ug/l	2.5	0.70
Ethylbenzene	ND		ug/l	2.5	0.70
Chloromethane	ND		ug/l	2.5	0.70
Bromomethane	ND		ug/l	2.5	0.70
Vinyl chloride	ND		ug/l	1.0	0.07
Chloroethane	ND		ug/l	2.5	0.70
1,1-Dichloroethene	ND		ug/l	0.50	0.17
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70
Trichloroethene	ND		ug/l	0.50	0.18
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70

**Project Name:** JMA WIRELESS  
**Project Number:** 059294.003

**Lab Number:** L2513733  
**Report Date:** 03/25/25

**Method Blank Analysis**  
**Batch Quality Control**

Analytical Method: 1,8260D  
Analytical Date: 03/18/25 09:59  
Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 04 Batch: WG2042023-5					
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70
Methyl tert butyl ether	ND		ug/l	2.5	0.17
p/m-Xylene	ND		ug/l	2.5	0.70
o-Xylene	ND		ug/l	2.5	0.70
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70
Styrene	ND		ug/l	2.5	0.70
Dichlorodifluoromethane	ND		ug/l	5.0	1.0
Acetone	ND		ug/l	5.0	1.5
Carbon disulfide	ND		ug/l	5.0	1.0
2-Butanone	ND		ug/l	5.0	1.9
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0
2-Hexanone	ND		ug/l	5.0	1.0
Bromochloromethane	ND		ug/l	2.5	0.70
1,2-Dibromoethane	ND		ug/l	2.0	0.65
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70
Isopropylbenzene	ND		ug/l	2.5	0.70
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70
Methyl Acetate	ND		ug/l	2.0	0.23
Cyclohexane	ND		ug/l	10	0.27
1,4-Dioxane	ND		ug/l	250	61.
Freon-113	ND		ug/l	2.5	0.70
Methyl cyclohexane	ND		ug/l	10	0.40

**Project Name:** JMA WIRELESS  
**Project Number:** 059294.003

**Lab Number:** L2513733  
**Report Date:** 03/25/25

**Method Blank Analysis**  
**Batch Quality Control**

Analytical Method: 1,8260D  
Analytical Date: 03/18/25 09:59  
Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 04 Batch: WG2042023-5					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	122		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	106		70-130
Dibromofluoromethane	117		70-130

**Lab Control Sample Analysis**  
Batch Quality Control

Project Name: JMA WIRELESS

Lab Number: L2513733

Project Number: 059294.003

Report Date: 03/25/25

<b>Parameter</b>	<b>LCS %Recovery</b>	<b>Qual</b>	<b>LCSD %Recovery</b>	<b>Qual</b>	<b>%Recovery Limits</b>	<b>RPD</b>	<b>Qual</b>	<b>RPD Limits</b>
Dissolved Gases by GC - Mansfield Air Lab Associated sample(s): 01-06 Batch: WG2041632-2								
Carbon Dioxide	88		-		80-120	-		

### Lab Control Sample Analysis Batch Quality Control

Project Name: JMA WIRELESS

Lab Number: L2513733

Project Number: 059294.003

Report Date: 03/25/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-07 Batch: WG2041904-3 WG2041904-4								
Methylene chloride	110		110		70-130	0		20
1,1-Dichloroethane	100		100		70-130	0		20
Chloroform	100		100		70-130	0		20
Carbon tetrachloride	100		96		63-132	4		20
1,2-Dichloropropane	90		89		70-130	1		20
Dibromochloromethane	98		92		63-130	6		20
1,1,2-Trichloroethane	98		97		70-130	1		20
Tetrachloroethene	110		100		70-130	10		20
Chlorobenzene	110		99		75-130	11		20
Trichlorofluoromethane	60	Q	57	Q	62-150	5		20
1,2-Dichloroethane	110		110		70-130	0		20
1,1,1-Trichloroethane	100		100		67-130	0		20
Bromodichloromethane	100		98		67-130	2		20
trans-1,3-Dichloropropene	88		86		70-130	2		20
cis-1,3-Dichloropropene	84		86		70-130	2		20
Bromoform	86		76		54-136	12		20
1,1,2,2-Tetrachloroethane	96		91		67-130	5		20
Benzene	95		93		70-130	2		20
Toluene	110		100		70-130	10		20
Ethylbenzene	110		100		70-130	10		20
Chloromethane	87		86		64-130	1		20
Bromomethane	44		44		39-139	0		20
Vinyl chloride	81		78		55-140	4		20

### Lab Control Sample Analysis Batch Quality Control

Project Name: JMA WIRELESS

Lab Number: L2513733

Project Number: 059294.003

Report Date: 03/25/25

Parameter	LCS		LCSD		%Recovery Limits	RPD	Qual	RPD Limits
	%Recovery	Qual	%Recovery	Qual				
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-07 Batch: WG2041904-3 WG2041904-4								
Chloroethane	74		73		55-138	1		20
1,1-Dichloroethene	100		95		61-145	5		20
trans-1,2-Dichloroethene	100		100		70-130	0		20
Trichloroethene	98		94		70-130	4		20
1,2-Dichlorobenzene	110		98		70-130	12		20
1,3-Dichlorobenzene	110		97		70-130	13		20
1,4-Dichlorobenzene	100		96		70-130	4		20
Methyl tert butyl ether	70		72		63-130	3		20
p/m-Xylene	100		95		70-130	5		20
o-Xylene	100		95		70-130	5		20
cis-1,2-Dichloroethene	100		98		70-130	2		20
Styrene	105		100		70-130	5		20
Dichlorodifluoromethane	84		83		36-147	1		20
Acetone	130		140		58-148	7		20
Carbon disulfide	100		96		51-130	4		20
2-Butanone	110		100		63-138	10		20
4-Methyl-2-pentanone	66		70		59-130	6		20
2-Hexanone	76		78		57-130	3		20
Bromochloromethane	93		93		70-130	0		20
1,2-Dibromoethane	100		100		70-130	0		20
1,2-Dibromo-3-chloropropane	100		98		41-144	2		20
Isopropylbenzene	100		92		70-130	8		20
1,2,3-Trichlorobenzene	97		92		70-130	5		20

### Lab Control Sample Analysis Batch Quality Control

Project Name: JMA WIRELESS

Project Number: 059294.003

Lab Number: L2513733

Report Date: 03/25/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-07 Batch: WG2041904-3 WG2041904-4								
1,2,4-Trichlorobenzene	99		91		70-130	8		20
Methyl Acetate	92		97		70-130	5		20
Cyclohexane	88		85		70-130	3		20
1,4-Dioxane	170	Q	152		56-162	11		20
Freon-113	100		96		70-130	4		20
Methyl cyclohexane	75		73		70-130	3		20

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	104		116		70-130
Toluene-d8	109		104		70-130
4-Bromofluorobenzene	102		102		70-130
Dibromofluoromethane	99		103		70-130

## Lab Control Sample Analysis

### Batch Quality Control

Project Name: JMA WIRELESS

Lab Number: L2513733

Project Number: 059294.003

Report Date: 03/25/25

Parameter	LCS %Recovery	Qual	LCS %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 04 Batch: WG2042023-3 WG2042023-4								
Methylene chloride	120		120		70-130	0		20
1,1-Dichloroethane	110		110		70-130	0		20
Chloroform	110		110		70-130	0		20
Carbon tetrachloride	93		95		63-132	2		20
1,2-Dichloropropane	90		92		70-130	2		20
Dibromochloromethane	91		94		63-130	3		20
1,1,2-Trichloroethane	98		100		70-130	2		20
Tetrachloroethene	90		94		70-130	4		20
Chlorobenzene	100		100		75-130	0		20
Trichlorofluoromethane	56	Q	60	Q	62-150	7		20
1,2-Dichloroethane	110		110		70-130	0		20
1,1,1-Trichloroethane	99		100		67-130	1		20
Bromodichloromethane	100		100		67-130	0		20
trans-1,3-Dichloropropene	83		89		70-130	7		20
cis-1,3-Dichloropropene	81		81		70-130	0		20
Bromoform	77		87		54-136	12		20
1,1,2,2-Tetrachloroethane	98		110		67-130	12		20
Benzene	95		98		70-130	3		20
Toluene	100		110		70-130	10		20
Ethylbenzene	100		100		70-130	0		20
Chloromethane	110		110		64-130	0		20
Bromomethane	48		48		39-139	0		20
Vinyl chloride	87		93		55-140	7		20

### Lab Control Sample Analysis Batch Quality Control

Project Name: JMA WIRELESS

Lab Number: L2513733

Project Number: 059294.003

Report Date: 03/25/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 04 Batch: WG2042023-3 WG2042023-4								
Chloroethane	81		80		55-138	1		20
1,1-Dichloroethene	99		100		61-145	1		20
trans-1,2-Dichloroethene	100		100		70-130	0		20
Trichloroethene	94		98		70-130	4		20
1,2-Dichlorobenzene	99		110		70-130	11		20
1,3-Dichlorobenzene	100		110		70-130	10		20
1,4-Dichlorobenzene	97		110		70-130	13		20
Methyl tert butyl ether	67		68		63-130	1		20
p/m-Xylene	95		100		70-130	5		20
o-Xylene	95		100		70-130	5		20
cis-1,2-Dichloroethene	100		100		70-130	0		20
Styrene	105		105		70-130	0		20
Dichlorodifluoromethane	120		130		36-147	8		20
Acetone	130		130		58-148	0		20
Carbon disulfide	100		110		51-130	10		20
2-Butanone	110		100		63-138	10		20
4-Methyl-2-pentanone	66		76		59-130	14		20
2-Hexanone	80		84		57-130	5		20
Bromochloromethane	92		95		70-130	3		20
1,2-Dibromoethane	100		110		70-130	10		20
1,2-Dibromo-3-chloropropane	100		120		41-144	18		20
Isopropylbenzene	90		100		70-130	11		20
1,2,3-Trichlorobenzene	87		100		70-130	14		20

### Lab Control Sample Analysis Batch Quality Control

Project Name: JMA WIRELESS

Project Number: 059294.003

Lab Number: L2513733

Report Date: 03/25/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 04 Batch: WG2042023-3 WG2042023-4								
1,2,4-Trichlorobenzene	88		100		70-130	13		20
Methyl Acetate	100		99		70-130	1		20
Cyclohexane	83		86		70-130	4		20
1,4-Dioxane	134		134		56-162	0		20
Freon-113	99		100		70-130	1		20
Methyl cyclohexane	65	Q	70		70-130	7		20

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	120		113		70-130
Toluene-d8	109		111		70-130
4-Bromofluorobenzene	103		108		70-130
Dibromofluoromethane	102		104		70-130

**Matrix Spike Analysis**  
**Batch Quality Control**

**Project Name:** JMA WIRELESS

**Lab Number:** L2513733

**Project Number:** 059294.003

**Report Date:** 03/25/25

<b>Parameter</b>	<b>Native Sample</b>	<b>MS Added</b>	<b>MS Found</b>	<b>MS %Recovery</b>	<b>Qual</b>	<b>MSD Found</b>	<b>MSD %Recovery</b>	<b>Qual</b>	<b>Recovery Limits</b>	<b>RPD</b>	<b>Qual</b>	<b>RPD Limits</b>
Dissolved Gases by GC - Mansfield Air Lab Associated sample(s): 01-06 QC Batch ID: WG2041632-4 WG2041632-5 QC Sample: L2513733-04 Client ID: MW-6R-20250311												
Carbon Dioxide	60.6	12	72.8	102		71.5	91		80-120	2		25

**Matrix Spike Analysis**  
**Batch Quality Control**

**Project Name:** JMA WIRELESS

**Lab Number:** L2513733

**Project Number:** 059294.003

**Report Date:** 03/25/25

<b>Parameter</b>	<b>Native Sample</b>	<b>MS Added</b>	<b>MS Found</b>	<b>MS %Recovery</b>	<b>Qual</b>	<b>MSD Found</b>	<b>MSD %Recovery</b>	<b>Qual</b>	<b>Recovery Limits</b>	<b>RPD</b>	<b>Qual</b>	<b>RPD Limits</b>
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-07 QC Batch ID: WG2041904-6 WG2041904-7 QC Sample: L2513733-04 Client ID: MW-6R-20250311												
Methylene chloride	ND	100	120	120		130	130		70-130	8		20
1,1-Dichloroethane	ND	100	110	110		120	120		70-130	9		20
Chloroform	ND	100	110	110		120	120		70-130	9		20
Carbon tetrachloride	ND	100	95	95		110	110		63-132	15		20
1,2-Dichloropropane	ND	100	99	99		110	110		70-130	11		20
Dibromochloromethane	ND	100	100	100		110	110		63-130	10		20
1,1,2-Trichloroethane	ND	100	110	110		120	120		70-130	9		20
Tetrachloroethene	3.0J	100	87	87		99	99		70-130	13		20
Chlorobenzene	ND	100	97	97		110	110		75-130	13		20
Trichlorofluoromethane	ND	100	56	56	Q	64	64		62-150	13		20
1,2-Dichloroethane	ND	100	120	120		130	130		70-130	8		20
1,1,1-Trichloroethane	ND	100	100	100		120	120		67-130	18		20
Bromodichloromethane	ND	100	110	110		120	120		67-130	9		20
trans-1,3-Dichloropropene	ND	100	88	88		98	98		70-130	11		20
cis-1,3-Dichloropropene	ND	100	79	79		89	89		70-130	12		20
Bromoform	ND	100	85	85		96	96		54-136	12		20
1,1,2,2-Tetrachloroethane	ND	100	110	110		120	120		67-130	9		20
Benzene	2.5J	100	100	100		110	110		70-130	10		20
Toluene	ND	100	100	100		120	120		70-130	18		20
Ethylbenzene	ND	100	96	96		110	110		70-130	14		20
Chloromethane	ND	100	97	97		110	110		64-130	13		20
Bromomethane	ND	100	34	34	Q	43	43		39-139	23	Q	20
Vinyl chloride	2400E	100	1900	0	Q	1900	0	Q	55-140	0		20

**Matrix Spike Analysis**  
**Batch Quality Control**

**Project Name:** JMA WIRELESS

**Lab Number:** L2513733

**Project Number:** 059294.003

**Report Date:** 03/25/25

<b>Parameter</b>	<b>Native Sample</b>	<b>MS Added</b>	<b>MS Found</b>	<b>MS %Recovery</b>	<b>Qual</b>	<b>MSD Found</b>	<b>MSD %Recovery</b>	<b>Qual</b>	<b>Recovery Limits</b>	<b>RPD</b>	<b>Qual</b>	<b>RPD Limits</b>
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-07 QC Batch ID: WG2041904-6 WG2041904-7 QC Sample: L2513733-04 Client ID: MW-6R-20250311												
Chloroethane	ND	100	86	86		93	93		55-138	8		20
1,1-Dichloroethene	2.7J	100	100	100		110	110		61-145	10		20
trans-1,2-Dichloroethene	19J	100	120	120		120	120		70-130	0		20
Trichloroethene	5.5	100	100	94		110	105		70-130	10		20
1,2-Dichlorobenzene	ND	100	94	94		110	110		70-130	16		20
1,3-Dichlorobenzene	ND	100	93	93		100	100		70-130	7		20
1,4-Dichlorobenzene	ND	100	89	89		100	100		70-130	12		20
Methyl tert butyl ether	ND	100	75	75		85	85		63-130	13		20
p/m-Xylene	ND	200	180	90		200	100		70-130	11		20
o-Xylene	ND	200	180	90		200	100		70-130	11		20
cis-1,2-Dichloroethene	1800	100	1600	0	Q	1600	0	Q	70-130	0		20
Styrene	ND	200	200	100		220	110		70-130	10		20
Dichlorodifluoromethane	ND	100	78	78		81	81		36-147	4		20
Acetone	ND	100	140	140		180	180	Q	58-148	25	Q	20
Carbon disulfide	ND	100	100	100		110	110		51-130	10		20
2-Butanone	ND	100	110	110		150	150	Q	63-138	31	Q	20
4-Methyl-2-pentanone	ND	100	73	73		84	84		59-130	14		20
2-Hexanone	ND	100	82	82		95	95		57-130	15		20
Bromochloromethane	ND	100	99	99		100	100		70-130	1		20
1,2-Dibromoethane	ND	100	110	110		120	120		70-130	9		20
1,2-Dibromo-3-chloropropane	ND	100	100	100		120	120		41-144	18		20
Isopropylbenzene	ND	100	82	82		94	94		70-130	14		20
1,2,3-Trichlorobenzene	ND	100	83	83		96	96		70-130	15		20

**Matrix Spike Analysis**  
**Batch Quality Control**

**Project Name:** JMA WIRELESS

**Lab Number:** L2513733

**Project Number:** 059294.003

**Report Date:** 03/25/25

<b>Parameter</b>	<b>Native Sample</b>	<b>MS Added</b>	<b>MS Found</b>	<b>MS %Recovery</b>	<b>Qual</b>	<b>MSD Found</b>	<b>MSD %Recovery</b>	<b>Qual</b>	<b>Recovery Limits</b>	<b>RPD</b>	<b>Qual</b>	<b>RPD Limits</b>
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-07 QC Batch ID: WG2041904-6 WG2041904-7 QC Sample: L2513733-04 Client ID: MW-6R-20250311												
1,2,4-Trichlorobenzene	ND	100	79	79		90	90		70-130	13		20
Methyl Acetate	ND	100	100	100		120	120		70-130	18		20
Cyclohexane	ND	100	72J	72		77J	77		70-130	7		20
1,4-Dioxane	ND	5000	4800	96		7300	146		56-162	41	Q	20
Freon-113	ND	100	88	88		90	90		70-130	2		20
Methyl cyclohexane	ND	100	56J	56	Q	57J	57	Q	70-130	2		20

<b>Surrogate</b>	<b>MS % Recovery</b>	<b>Qualifier</b>	<b>MSD % Recovery</b>	<b>Qualifier</b>	<b>Acceptance Criteria</b>
1,2-Dichloroethane-d4	122		122		70-130
4-Bromofluorobenzene	102		102		70-130
Dibromofluoromethane	102		101		70-130
Toluene-d8	105		105		70-130

# METALS



**Project Name:** JMA WIRELESS  
**Project Number:** 059294.003

**Lab Number:** L2513733  
**Report Date:** 03/25/25

**SAMPLE RESULTS**

Lab ID: L2513733-01  
 Client ID: CHA-1-20250311  
 Sample Location: SYRACUSE, NY

Date Collected: 03/11/25 09:00  
 Date Received: 03/11/25  
 Field Prep: Not Specified

Sample Depth:  
 Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
<b>Total Metals - Mansfield Lab</b>											
Iron, Total	0.940		mg/l	0.0500	0.0090	1	03/15/25 11:03	03/17/25 22:09	EPA 3005A	1,6010D	DHL
<b>General Chemistry - Westborough Lab</b>											
Iron, Ferric	0.80	J	mg/l	0.50	0.06	1		03/17/25 22:09	NA	107,-	



**Project Name:** JMA WIRELESS**Lab Number:** L2513733**Project Number:** 059294.003**Report Date:** 03/25/25**SAMPLE RESULTS**

Lab ID: L2513733-02

Date Collected: 03/11/25 10:20

Client ID: MW-105D-20250311

Date Received: 03/11/25

Sample Location: SYRACUSE, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
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**Total Metals - Mansfield Lab**

Iron, Total	0.831		mg/l	0.0500	0.0090	1	03/15/25 11:03	03/17/25 22:59	EPA 3005A	1,6010D	DHL
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**General Chemistry - Westborough Lab**

Iron, Ferric	0.73	J	mg/l	0.50	0.06	1		03/17/25 22:59	NA	107,-	
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**Project Name:** JMA WIRELESS**Lab Number:** L2513733**Project Number:** 059294.003**Report Date:** 03/25/25**SAMPLE RESULTS**

Lab ID: L2513733-03

Date Collected: 03/11/25 11:10

Client ID: MW-7R-20250311

Date Received: 03/11/25

Sample Location: SYRACUSE, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
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**Total Metals - Mansfield Lab**

Iron, Total	6.70		mg/l	0.0500	0.0090	1	03/15/25 11:03	03/17/25 23:06	EPA 3005A	1,6010D	DHL
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**General Chemistry - Westborough Lab**

Iron, Ferric	3.7		mg/l	0.50	0.06	1		03/17/25 23:06	NA	107,-	
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**Project Name:** JMA WIRELESS  
**Project Number:** 059294.003

**Lab Number:** L2513733  
**Report Date:** 03/25/25

**SAMPLE RESULTS**

Lab ID: L2513733-04  
 Client ID: MW-6R-20250311  
 Sample Location: SYRACUSE, NY

Date Collected: 03/11/25 12:00  
 Date Received: 03/11/25  
 Field Prep: Not Specified

Sample Depth:  
 Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
<b>Total Metals - Mansfield Lab</b>											
Iron, Total	6.58		mg/l	0.0500	0.0090	1	03/15/25 11:03	03/17/25 22:15	EPA 3005A	1,6010D	DHL
<b>General Chemistry - Westborough Lab</b>											
Iron, Ferric	5.1		mg/l	0.50	0.06	1		03/17/25 22:15	NA	107,-	



**Project Name:** JMA WIRELESS  
**Project Number:** 059294.003

**Lab Number:** L2513733  
**Report Date:** 03/25/25

**SAMPLE RESULTS**

Lab ID: L2513733-05  
 Client ID: MW-5R-20250311  
 Sample Location: SYRACUSE, NY

Date Collected: 03/11/25 13:30  
 Date Received: 03/11/25  
 Field Prep: Not Specified

Sample Depth:  
 Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
<b>Total Metals - Mansfield Lab</b>											
Iron, Total	3.51		mg/l	0.0500	0.0090	1	03/15/25 11:03	03/17/25 23:12	EPA 3005A	1,6010D	DHL
<b>General Chemistry - Westborough Lab</b>											
Iron, Ferric	2.1		mg/l	0.50	0.06	1		03/17/25 23:12	NA	107,-	



**Project Name:** JMA WIRELESS  
**Project Number:** 059294.003

**Lab Number:** L2513733  
**Report Date:** 03/25/25

**SAMPLE RESULTS**

Lab ID: L2513733-06  
 Client ID: MW-4-20250311  
 Sample Location: SYRACUSE, NY

Date Collected: 03/11/25 14:15  
 Date Received: 03/11/25  
 Field Prep: Not Specified

Sample Depth:  
 Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
<b>Total Metals - Mansfield Lab</b>											
Iron, Total	8.97		mg/l	0.0500	0.0090	1	03/15/25 11:03	03/17/25 23:18	EPA 3005A	1,6010D	DHL
<b>General Chemistry - Westborough Lab</b>											
Iron, Ferric	7.2		mg/l	0.50	0.06	1		03/17/25 23:18	NA	107,-	



**Project Name:** JMA WIRELESS

**Lab Number:** L2513733

**Project Number:** 059294.003

**Report Date:** 03/25/25

## Method Blank Analysis Batch Quality Control

Parameter	Result Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01-06 Batch: WG2040735-1									
Iron, Total	ND	mg/l	0.0500	0.0090	1	03/15/25 11:03	03/17/25 21:43	1,6010D	DHL

### Prep Information

Digestion Method: EPA 3005A



**Lab Control Sample Analysis**  
**Batch Quality Control**

**Project Name:** JMA WIRELESS  
**Project Number:** 059294.003

**Lab Number:** L2513733  
**Report Date:** 03/25/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-06 Batch: WG2040735-2								
Iron, Total	108		-		80-120	-		



### Matrix Spike Analysis Batch Quality Control

Project Name: JMA WIRELESS

Lab Number: L2513733

Project Number: 059294.003

Report Date: 03/25/25

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-06 QC Batch ID: WG2040735-3 WG2040735-4 QC Sample: L2513733-04 Client ID: MW-6R-20250311												
Iron, Total	6.58	1	7.50	92		7.82	124		75-125	4		20

Project Name: JMA WIRELESS

Project Number: 059294.003

**Lab Serial Dilution  
Analysis**  
Batch Quality Control

Lab Number: L2513733

Report Date: 03/25/25

Parameter	Native Sample	Serial Dilution	Units	% D	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-06 QC Batch ID: WG2040735-6 QC Sample: L2513733-04 Client ID: MW-6R-20250311						
Iron, Total	6.58	6.79	mg/l	3		20

# **INORGANICS & MISCELLANEOUS**

**Project Name:** JMA WIRELESS  
**Project Number:** 059294.003

**Lab Number:** L2513733  
**Report Date:** 03/25/25

**SAMPLE RESULTS**

**Lab ID:** L2513733-01  
**Client ID:** CHA-1-20250311  
**Sample Location:** SYRACUSE, NY

**Date Collected:** 03/11/25 09:00  
**Date Received:** 03/11/25  
**Field Prep:** Not Specified

**Sample Depth:**  
**Matrix:** Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
<b>General Chemistry - Westborough Lab</b>										
Alkalinity, Total	492.		mg CaCO3/L	10.0	NA	5	-	03/17/25 09:14	121,2320B	MRM
Total Organic Carbon	5.43		mg/l	0.500	0.097	1	-	03/14/25 12:53	121,5310C	DEW
Iron, Ferrous	0.14	J	mg/l	0.50	0.056	1	-	03/12/25 04:53	121,3500FE-B	CAR
<b>Anions by Ion Chromatography - Westborough Lab</b>										
Chloride	145.		mg/l	5.00	0.839	10	-	03/12/25 14:47	44,300.0	CVN
Nitrogen, Nitrate	0.041	J	mg/l	0.050	0.012	1	-	03/12/25 12:59	44,300.0	CVN
Sulfate	50.7		mg/l	1.00	0.454	1	-	03/12/25 12:59	44,300.0	CVN



**Project Name:** JMA WIRELESS  
**Project Number:** 059294.003

**Lab Number:** L2513733  
**Report Date:** 03/25/25

**SAMPLE RESULTS**

**Lab ID:** L2513733-02  
**Client ID:** MW-105D-20250311  
**Sample Location:** SYRACUSE, NY

**Date Collected:** 03/11/25 10:20  
**Date Received:** 03/11/25  
**Field Prep:** Not Specified

**Sample Depth:**  
**Matrix:** Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
<b>General Chemistry - Westborough Lab</b>										
Alkalinity, Total	496.		mg CaCO3/L	10.0	NA	5	-	03/17/25 09:18	121,2320B	MRM
Total Organic Carbon	5.62		mg/l	0.500	0.097	1	-	03/14/25 15:06	121,5310C	DEW
Iron, Ferrous	0.10	J	mg/l	0.50	0.056	1	-	03/12/25 04:54	121,3500FE-B	CAR
<b>Anions by Ion Chromatography - Westborough Lab</b>										
Chloride	146.		mg/l	5.00	0.839	10	-	03/12/25 15:00	44,300.0	CVN
Nitrogen, Nitrate	0.040	J	mg/l	0.050	0.012	1	-	03/12/25 13:11	44,300.0	CVN
Sulfate	49.3		mg/l	1.00	0.454	1	-	03/12/25 13:11	44,300.0	CVN



**Project Name:** JMA WIRELESS  
**Project Number:** 059294.003

**Lab Number:** L2513733  
**Report Date:** 03/25/25

**SAMPLE RESULTS**

**Lab ID:** L2513733-03  
**Client ID:** MW-7R-20250311  
**Sample Location:** SYRACUSE, NY

**Date Collected:** 03/11/25 11:10  
**Date Received:** 03/11/25  
**Field Prep:** Not Specified

**Sample Depth:**  
**Matrix:** Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
<b>General Chemistry - Westborough Lab</b>										
Alkalinity, Total	356.		mg CaCO3/L	2.00	NA	1	-	03/17/25 07:45	121,2320B	MRM
Total Organic Carbon	5.64		mg/l	0.500	0.097	1	-	03/14/25 15:36	121,5310C	DEW
Iron, Ferrous	3.0		mg/l	0.50	0.056	1	-	03/12/25 04:54	121,3500FE-B	CAR
<b>Anions by Ion Chromatography - Westborough Lab</b>										
Chloride	402.		mg/l	5.00	0.839	10	-	03/12/25 15:12	44,300.0	CVN
Nitrogen, Nitrate	ND		mg/l	0.050	0.012	1	-	03/12/25 13:23	44,300.0	CVN
Sulfate	86.9		mg/l	1.00	0.454	1	-	03/12/25 13:23	44,300.0	CVN



**Project Name:** JMA WIRELESS  
**Project Number:** 059294.003

**Lab Number:** L2513733  
**Report Date:** 03/25/25

**SAMPLE RESULTS**

**Lab ID:** L2513733-04  
**Client ID:** MW-6R-20250311  
**Sample Location:** SYRACUSE, NY

**Date Collected:** 03/11/25 12:00  
**Date Received:** 03/11/25  
**Field Prep:** Not Specified

**Sample Depth:**  
**Matrix:** Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
<b>General Chemistry - Westborough Lab</b>										
Alkalinity, Total	359.		mg CaCO3/L	2.00	NA	1	-	03/17/25 07:55	121,2320B	MRM
Total Organic Carbon	10.3		mg/l	1.00	0.194	2	-	03/14/25 16:04	121,5310C	DEW
Iron, Ferrous	1.5		mg/l	0.50	0.056	1	-	03/12/25 04:54	121,3500FE-B	CAR
<b>Anions by Ion Chromatography - Westborough Lab</b>										
Chloride	321.		mg/l	5.00	0.839	10	-	03/12/25 17:01	44,300.0	CVN
Nitrogen, Nitrate	ND		mg/l	0.050	0.012	1	-	03/12/25 16:49	44,300.0	CVN
Sulfate	70.0		mg/l	1.00	0.454	1	-	03/12/25 16:49	44,300.0	CVN



**Project Name:** JMA WIRELESS  
**Project Number:** 059294.003

**Lab Number:** L2513733  
**Report Date:** 03/25/25

**SAMPLE RESULTS**

**Lab ID:** L2513733-05  
**Client ID:** MW-5R-20250311  
**Sample Location:** SYRACUSE, NY

**Date Collected:** 03/11/25 13:30  
**Date Received:** 03/11/25  
**Field Prep:** Not Specified

**Sample Depth:**  
**Matrix:** Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
<b>General Chemistry - Westborough Lab</b>										
Alkalinity, Total	274.		mg CaCO3/L	2.00	NA	1	-	03/17/25 08:24	121,2320B	MRM
Total Organic Carbon	3.44		mg/l	0.500	0.097	1	-	03/14/25 16:34	121,5310C	DEW
Iron, Ferrous	1.4		mg/l	0.50	0.056	1	-	03/12/25 04:55	121,3500FE-B	CAR
<b>Anions by Ion Chromatography - Westborough Lab</b>										
Chloride	339.		mg/l	5.00	0.839	10	-	03/12/25 17:13	44,300.0	CVN
Nitrogen, Nitrate	ND		mg/l	0.050	0.012	1	-	03/12/25 14:23	44,300.0	CVN
Sulfate	148.		mg/l	10.0	4.54	10	-	03/12/25 17:13	44,300.0	CVN



**Project Name:** JMA WIRELESS  
**Project Number:** 059294.003

**Lab Number:** L2513733  
**Report Date:** 03/25/25

**SAMPLE RESULTS**

**Lab ID:** L2513733-06  
**Client ID:** MW-4-20250311  
**Sample Location:** SYRACUSE, NY

**Date Collected:** 03/11/25 14:15  
**Date Received:** 03/11/25  
**Field Prep:** Not Specified

**Sample Depth:**  
**Matrix:** Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
<b>General Chemistry - Westborough Lab</b>										
Alkalinity, Total	475.		mg CaCO3/L	10.0	NA	5	-	03/17/25 09:26	121,2320B	MRM
Total Organic Carbon	10.5		mg/l	2.00	0.388	4	-	03/14/25 16:58	121,5310C	DEW
Iron, Ferrous	1.8		mg/l	0.50	0.056	1	-	03/12/25 04:55	121,3500FE-B	CAR
<b>Anions by Ion Chromatography - Westborough Lab</b>										
Chloride	259.		mg/l	5.00	0.839	10	-	03/12/25 17:25	44,300.0	CVN
Nitrogen, Nitrate	ND		mg/l	0.050	0.012	1	-	03/12/25 14:35	44,300.0	CVN
Sulfate	55.2		mg/l	1.00	0.454	1	-	03/12/25 14:35	44,300.0	CVN



**Project Name:** JMA WIRELESS  
**Project Number:** 059294.003

**Lab Number:** L2513733  
**Report Date:** 03/25/25

**Method Blank Analysis**  
**Batch Quality Control**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab for sample(s): 01-06 Batch: WG2039378-1										
Iron, Ferrous	ND		mg/l	0.50	0.056	1	-	03/11/25 04:13	121,3500FE-B	CAR
Anions by Ion Chromatography - Westborough Lab for sample(s): 01-06 Batch: WG2039739-1										
Chloride	0.094	J	mg/l	0.500	0.083	1	-	03/12/25 12:22	44,300.0	CVN
Nitrogen, Nitrate	ND		mg/l	0.050	0.012	1	-	03/12/25 12:22	44,300.0	CVN
Sulfate	ND		mg/l	1.00	0.454	1	-	03/12/25 12:22	44,300.0	CVN
General Chemistry - Westborough Lab for sample(s): 01-06 Batch: WG2040508-1										
Total Organic Carbon	ND		mg/l	0.500	0.097	1	-	03/14/25 09:06	121,5310C	DEW
General Chemistry - Westborough Lab for sample(s): 01-06 Batch: WG2041220-1										
Alkalinity, Total	ND		mg CaCO <sub>3</sub> /L	2.00	NA	1	-	03/17/25 09:42	121,2320B	MRM



### Lab Control Sample Analysis Batch Quality Control

Project Name: JMA WIRELESS

Project Number: 059294.003

Lab Number: L2513733

Report Date: 03/25/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-06 Batch: WG2039378-2								
Iron, Ferrous	99		-		90-110	-		
Anions by Ion Chromatography - Westborough Lab Associated sample(s): 01-06 Batch: WG2039739-2								
Chloride	108		-		90-110	-		
Nitrogen, Nitrate	100		-		90-110	-		
Sulfate	105		-		90-110	-		
General Chemistry - Westborough Lab Associated sample(s): 01-06 Batch: WG2040508-2								
Total Organic Carbon	100		-		90-110	-		
General Chemistry - Westborough Lab Associated sample(s): 01-06 Batch: WG2041220-2								
Alkalinity, Total	105		-		90-110	-		10

### Matrix Spike Analysis Batch Quality Control

**Project Name:** JMA WIRELESS  
**Project Number:** 059294.003

**Lab Number:** L2513733  
**Report Date:** 03/25/25

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Qual	MSD Found	MSD %Recovery	MSD Qual	Recovery Limits	RPD	RPD Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-06 QC Batch ID: WG2039378-4 WG2039378-5 QC Sample: L2513733-04 Client ID: MW-6R-20250311												
Iron, Ferrous	1.5	1	2.5	96		2.5	97		80-120	0		20
Anions by Ion Chromatography - Westborough Lab Associated sample(s): 01-06 QC Batch ID: WG2039739-3 WG2039739-4 QC Sample: L2513733-04 Client ID: MW-6R-20250311												
Chloride	321.	40	327	15	Q	337	41	Q	90-110	3		18
Nitrogen, Nitrate	ND	4	3.63	91		3.74	93		90-110	3		15
Sulfate	70.0	80	144	92		149	98		90-110	3		20
General Chemistry - Westborough Lab Associated sample(s): 01-06 QC Batch ID: WG2040508-4 QC Sample: L2513733-04 Client ID: MW-6R-20250311												
Total Organic Carbon	10.3	32	43.8	105		-	-		85-115	-		15
General Chemistry - Westborough Lab Associated sample(s): 01-06 QC Batch ID: WG2040508-6 QC Sample: L2513861-01 Client ID: MS Sample												
Total Organic Carbon	3.77	16	20.6	105		-	-		85-115	-		15
General Chemistry - Westborough Lab Associated sample(s): 01-06 QC Batch ID: WG2041220-4 QC Sample: L2513733-04 Client ID: MW-6R-20250311												
Alkalinity, Total	359.	500	921	112		-	-		86-116	-		10

## Lab Duplicate Analysis

*Batch Quality Control*

**Project Name:** JMA WIRELESS  
**Project Number:** 059294.003

**Lab Number:** L2513733  
**Report Date:** 03/25/25

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-06 QC Batch ID: WG2039378-3 QC Sample: L2513733-01 Client ID: CHA-1-20250311						
Iron, Ferrous	0.14J	0.13J	mg/l	NC		20
General Chemistry - Westborough Lab Associated sample(s): 01-06 QC Batch ID: WG2040508-3 QC Sample: L2513733-04 Client ID: MW-6R-20250311						
Total Organic Carbon	10.3	10.5	mg/l	2		15
General Chemistry - Westborough Lab Associated sample(s): 01-06 QC Batch ID: WG2040508-5 QC Sample: L2513861-01 Client ID: DUP Sample						
Total Organic Carbon	3.77	3.71	mg/l	2		15
General Chemistry - Westborough Lab Associated sample(s): 01-06 QC Batch ID: WG2041220-3 QC Sample: L2513733-04 Client ID: MW-6R-20250311						
Alkalinity, Total	359.	372	mg CaCO3/L	4		10

**Project Name:** JMA WIRELESS**Lab Number:** L2513733**Project Number:** 059294.003**Report Date:** 03/25/25**Sample Receipt and Container Information**

Were project specific reporting limits specified?

YES

**Cooler Information**

<b>Cooler</b>	<b>Custody Seal</b>
A	Absent
B	Absent

**Container Information**

<b>Container ID</b>	<b>Container Type</b>	<b>Cooler</b>	<b>Initial pH</b>	<b>Final pH</b>	<b>Temp deg C</b>	<b>Pres</b>	<b>Seal</b>	<b>Frozen Date/Time</b>	<b>Analysis(*)</b>
L2513733-01A	Vial HCl preserved	A	NA		3.1	Y	Absent		NYTCL-8260-R2(14)
L2513733-01B	Vial HCl preserved	A	NA		3.1	Y	Absent		NYTCL-8260-R2(14)
L2513733-01C	Vial HCl preserved	A	NA		3.1	Y	Absent		NYTCL-8260-R2(14)
L2513733-01D	Vial unpreserved 20ml	A	NA		3.1	Y	Absent		DISSGAS-CO2(7)
L2513733-01E	Vial unpreserved 20ml	A	NA		3.1	Y	Absent		DISSGAS-CO2(7)
L2513733-01F	Vial HCl preserved	A	N/A	N/A	3.1	Y	Absent		SUB-DISSGAS(14)
L2513733-01G	Vial HCl preserved	A	N/A	N/A	3.1	Y	Absent		SUB-DISSGAS(14)
L2513733-01H	Vial H2SO4 preserved	A	NA		3.1	Y	Absent		TOC-5310(28)
L2513733-01I	Vial H2SO4 preserved	A	NA		3.1	Y	Absent		TOC-5310(28)
L2513733-01J	Plastic 250ml unpreserved/No Headspace	A	NA		3.1	Y	Absent		ALK-T-2320(14)
L2513733-01K	Plastic 250ml unpreserved	A	7	7	3.1	Y	Absent		SO4-300(28),CL-300(28),NO3-300(2),FERROUS(1)
L2513733-01L	Plastic 250ml Zn Acetate/NaOH preserved	A	>9	>9	3.1	Y	Absent		SUB-SULFIDE(7)
L2513733-01M	Plastic 250ml Zn Acetate/NaOH preserved	A	>9	>9	3.1	Y	Absent		SUB-SULFIDE(7)
L2513733-01N	Plastic 250ml HNO3 preserved	A	<2	<2	3.1	Y	Absent		FE-TI(180)
L2513733-02A	Vial HCl preserved	A	NA		3.1	Y	Absent		NYTCL-8260-R2(14)
L2513733-02B	Vial HCl preserved	A	NA		3.1	Y	Absent		NYTCL-8260-R2(14)
L2513733-02C	Vial HCl preserved	A	NA		3.1	Y	Absent		NYTCL-8260-R2(14)
L2513733-02D	Vial unpreserved 20ml	A	NA		3.1	Y	Absent		DISSGAS-CO2(7)
L2513733-02E	Vial unpreserved 20ml	A	NA		3.1	Y	Absent		DISSGAS-CO2(7)
L2513733-02F	Vial HCl preserved	A	N/A	N/A	3.1	Y	Absent		SUB-DISSGAS(14)
L2513733-02G	Vial HCl preserved	A	N/A	N/A	3.1	Y	Absent		SUB-DISSGAS(14)

Project Name: JMA WIRELESS

Lab Number: L2513733

Project Number: 059294.003

Report Date: 03/25/25

**Container Information**

<b>Container ID</b>	<b>Container Type</b>	<b>Cooler</b>	<b>Initial pH</b>	<b>Final pH</b>	<b>Temp deg C</b>	<b>Pres</b>	<b>Seal</b>	<b>Frozen Date/Time</b>	<b>Analysis(*)</b>
L2513733-02H	Vial H2SO4 preserved	A	NA		3.1	Y	Absent		TOC-5310(28)
L2513733-02I	Vial H2SO4 preserved	A	NA		3.1	Y	Absent		TOC-5310(28)
L2513733-02J	Plastic 250ml unpreserved/No Headspace	A	NA		3.1	Y	Absent		ALK-T-2320(14)
L2513733-02K	Plastic 250ml unpreserved	A	7	7	3.1	Y	Absent		SO4-300(28),CL-300(28),NO3-300(2),FERROUS(1)
L2513733-02L	Plastic 250ml Zn Acetate/NaOH preserved	A	>9	>9	3.1	Y	Absent		SUB-SULFIDE(7)
L2513733-02M	Plastic 250ml Zn Acetate/NaOH preserved	A	>9	>9	3.1	Y	Absent		SUB-SULFIDE(7)
L2513733-02N	Plastic 250ml HNO3 preserved	A	<2	<2	3.1	Y	Absent		FE-TI(180)
L2513733-03A	Vial HCl preserved	A	NA		3.1	Y	Absent		NYTCL-8260-R2(14)
L2513733-03B	Vial HCl preserved	A	NA		3.1	Y	Absent		NYTCL-8260-R2(14)
L2513733-03C	Vial HCl preserved	A	NA		3.1	Y	Absent		NYTCL-8260-R2(14)
L2513733-03D	Vial unpreserved 20ml	A	NA		3.1	Y	Absent		DISSGAS-CO2(7)
L2513733-03E	Vial unpreserved 20ml	A	NA		3.1	Y	Absent		DISSGAS-CO2(7)
L2513733-03F	Vial HCl preserved	A	N/A	N/A	3.1	Y	Absent		SUB-DISSGAS(14)
L2513733-03G	Vial HCl preserved	A	N/A	N/A	3.1	Y	Absent		SUB-DISSGAS(14)
L2513733-03H	Vial H2SO4 preserved	A	NA		3.1	Y	Absent		TOC-5310(28)
L2513733-03I	Vial H2SO4 preserved	A	NA		3.1	Y	Absent		TOC-5310(28)
L2513733-03J	Plastic 250ml unpreserved/No Headspace	A	NA		3.1	Y	Absent		ALK-T-2320(14)
L2513733-03K	Plastic 250ml unpreserved	A	7	7	3.1	Y	Absent		SO4-300(28),CL-300(28),NO3-300(2),FERROUS(1)
L2513733-03L	Plastic 250ml Zn Acetate/NaOH preserved	A	>9	>9	3.1	Y	Absent		SUB-SULFIDE(7)
L2513733-03M	Plastic 250ml Zn Acetate/NaOH preserved	A	>9	>9	3.1	Y	Absent		SUB-SULFIDE(7)
L2513733-03N	Plastic 250ml HNO3 preserved	A	<2	<2	3.1	Y	Absent		FE-TI(180)
L2513733-04A	Vial HCl preserved	B	NA		3.8	Y	Absent		NYTCL-8260-R2(14)
L2513733-04A1	Vial HCl preserved	A	NA		3.1	Y	Absent		NYTCL-8260-R2(14)
L2513733-04A2	Vial HCl preserved	A	NA		3.1	Y	Absent		NYTCL-8260-R2(14)
L2513733-04B	Vial HCl preserved	B	NA		3.8	Y	Absent		NYTCL-8260-R2(14)
L2513733-04B1	Vial HCl preserved	A	NA		3.1	Y	Absent		NYTCL-8260-R2(14)
L2513733-04B2	Vial HCl preserved	A	NA		3.1	Y	Absent		NYTCL-8260-R2(14)

**Project Name:** JMA WIRELESS**Lab Number:** L2513733**Project Number:** 059294.003**Report Date:** 03/25/25**Container Information**

<b>Container ID</b>	<b>Container Type</b>	<b>Cooler</b>	<b>Initial pH</b>	<b>Final pH</b>	<b>Temp deg C</b>	<b>Pres</b>	<b>Seal</b>	<b>Frozen Date/Time</b>	<b>Analysis(*)</b>
L2513733-04C	Vial HCl preserved	B	NA		3.8	Y	Absent		NYTCL-8260-R2(14)
L2513733-04C1	Vial HCl preserved	A	NA		3.1	Y	Absent		NYTCL-8260-R2(14)
L2513733-04C2	Vial HCl preserved	A	NA		3.1	Y	Absent		NYTCL-8260-R2(14)
L2513733-04D	Vial unpreserved 20ml	B	NA		3.8	Y	Absent		DISSGAS-CO2(7)
L2513733-04D1	Vial unpreserved 20ml	A	NA		3.1	Y	Absent		DISSGAS-CO2(7)
L2513733-04D2	Vial unpreserved 20ml	A	NA		3.1	Y	Absent		DISSGAS-CO2(7)
L2513733-04E	Vial unpreserved 20ml	B	NA		3.8	Y	Absent		DISSGAS-CO2(7)
L2513733-04E1	Vial unpreserved 20ml	A	NA		3.1	Y	Absent		DISSGAS-CO2(7)
L2513733-04E2	Vial unpreserved 20ml	A	NA		3.1	Y	Absent		DISSGAS-CO2(7)
L2513733-04F	Vial HCl preserved	B	N/A	N/A	3.8	Y	Absent		SUB-DISSGAS(14)
L2513733-04F1	Vial HCl preserved	A	N/A	N/A	3.1	Y	Absent		SUB-DISSGAS(14)
L2513733-04F2	Vial HCl preserved	A	N/A	N/A	3.1	Y	Absent		SUB-DISSGAS(14)
L2513733-04G	Vial HCl preserved	B	N/A	N/A	3.8	Y	Absent		SUB-DISSGAS(14)
L2513733-04G1	Vial HCl preserved	A	N/A	N/A	3.1	Y	Absent		SUB-DISSGAS(14)
L2513733-04G2	Vial HCl preserved	A	N/A	N/A	3.1	Y	Absent		SUB-DISSGAS(14)
L2513733-04H	Vial H2SO4 preserved	B	NA		3.8	Y	Absent		TOC-5310(28)
L2513733-04H1	Vial H2SO4 preserved	A	NA		3.1	Y	Absent		TOC-5310(28)
L2513733-04H2	Vial H2SO4 preserved	A	NA		3.1	Y	Absent		TOC-5310(28)
L2513733-04I	Vial H2SO4 preserved	B	NA		3.8	Y	Absent		TOC-5310(28)
L2513733-04I1	Vial H2SO4 preserved	A	NA		3.1	Y	Absent		TOC-5310(28)
L2513733-04I2	Vial H2SO4 preserved	A	NA		3.1	Y	Absent		TOC-5310(28)
L2513733-04J	Plastic 250ml unpreserved/No Headspace	B	NA		3.8	Y	Absent		ALK-T-2320(14)
L2513733-04J1	Plastic 250ml unpreserved/No Headspace	A	NA		3.1	Y	Absent		ALK-T-2320(14)
L2513733-04J2	Plastic 250ml unpreserved/No Headspace	A	NA		3.1	Y	Absent		ALK-T-2320(14)
L2513733-04K	Plastic 250ml unpreserved	B	7	7	3.8	Y	Absent		SO4-300(28),CL-300(28),NO3-300(2),FERROUS(1)
L2513733-04K1	Plastic 250ml unpreserved	A	7	7	3.1	Y	Absent		SO4-300(28),CL-300(28),NO3-300(2),FERROUS(1)
L2513733-04K2	Plastic 250ml unpreserved	A	7	7	3.1	Y	Absent		SO4-300(28),CL-300(28),NO3-300(2),FERROUS(1)

**Project Name:** JMA WIRELESS**Lab Number:** L2513733**Project Number:** 059294.003**Report Date:** 03/25/25**Container Information**

<b>Container ID</b>	<b>Container Type</b>	<b>Cooler</b>	<b>Initial pH</b>	<b>Final pH</b>	<b>Temp deg C</b>	<b>Pres</b>	<b>Seal</b>	<b>Frozen Date/Time</b>	<b>Analysis(*)</b>
L2513733-04L	Plastic 250ml Zn Acetate/NaOH preserved	B	>9	>9	3.8	Y	Absent		SUB-SULFIDE(7)
L2513733-04L1	Plastic 250ml Zn Acetate/NaOH preserved	A	>9	>9	3.1	Y	Absent		SUB-SULFIDE(7)
L2513733-04L2	Plastic 250ml Zn Acetate/NaOH preserved	A	>9	>9	3.1	Y	Absent		SUB-SULFIDE(7)
L2513733-04M	Plastic 250ml Zn Acetate/NaOH preserved	B	>9	>9	3.8	Y	Absent		SUB-SULFIDE(7)
L2513733-04M1	Plastic 250ml Zn Acetate/NaOH preserved	A	>9	>9	3.1	Y	Absent		SUB-SULFIDE(7)
L2513733-04M2	Plastic 250ml Zn Acetate/NaOH preserved	A	8	>9	3.1	N	Absent		SUB-SULFIDE(7)
L2513733-04N	Plastic 250ml HNO3 preserved	B	<2	<2	3.8	Y	Absent		FE-TI(180)
L2513733-04N1	Plastic 250ml HNO3 preserved	A	<2	<2	3.1	Y	Absent		FE-TI(180)
L2513733-04N2	Plastic 250ml HNO3 preserved	A	<2	<2	3.1	Y	Absent		FE-TI(180)
L2513733-05A	Vial HCl preserved	B	NA		3.8	Y	Absent		NYTCL-8260-R2(14)
L2513733-05B	Vial HCl preserved	A	NA		3.1	Y	Absent		NYTCL-8260-R2(14)
L2513733-05C	Vial HCl preserved	A	NA		3.1	Y	Absent		NYTCL-8260-R2(14)
L2513733-05D	Vial unpreserved 20ml	A	NA		3.1	Y	Absent		DISSGAS-CO2(7)
L2513733-05E	Vial unpreserved 20ml	A	NA		3.1	Y	Absent		DISSGAS-CO2(7)
L2513733-05F	Vial HCl preserved	A	N/A	N/A	3.1	Y	Absent		SUB-DISSGAS(14)
L2513733-05G	Vial HCl preserved	A	N/A	N/A	3.1	Y	Absent		SUB-DISSGAS(14)
L2513733-05H	Vial H2SO4 preserved	A	NA		3.1	Y	Absent		TOC-5310(28)
L2513733-05I	Vial H2SO4 preserved	A	NA		3.1	Y	Absent		TOC-5310(28)
L2513733-05J	Plastic 250ml unpreserved/No Headspace	A	NA		3.1	Y	Absent		ALK-T-2320(14)
L2513733-05K	Plastic 250ml unpreserved	A	7	7	3.1	Y	Absent		SO4-300(28),CL-300(28),NO3-300(2),FERROUS(1)
L2513733-05L	Plastic 250ml Zn Acetate/NaOH preserved	A	>9	>9	3.1	Y	Absent		SUB-SULFIDE(7)
L2513733-05M	Plastic 250ml Zn Acetate/NaOH preserved	A	>9	>9	3.1	Y	Absent		SUB-SULFIDE(7)
L2513733-05N	Plastic 250ml HNO3 preserved	A	<2	<2	3.1	Y	Absent		FE-TI(180)
L2513733-06A	Vial HCl preserved	A	NA		3.1	Y	Absent		NYTCL-8260-R2(14)
L2513733-06B	Vial HCl preserved	A	NA		3.1	Y	Absent		NYTCL-8260-R2(14)
L2513733-06C	Vial HCl preserved	A	NA		3.1	Y	Absent		NYTCL-8260-R2(14)
L2513733-06D	Vial unpreserved 20ml	A	NA		3.1	Y	Absent		DISSGAS-CO2(7)
L2513733-06E	Vial unpreserved 20ml	A	NA		3.1	Y	Absent		DISSGAS-CO2(7)

**Project Name:** JMA WIRELESS**Lab Number:** L2513733**Project Number:** 059294.003**Report Date:** 03/25/25**Container Information**

<b>Container ID</b>	<b>Container Type</b>	<b>Cooler</b>	<b>Initial pH</b>	<b>Final pH</b>	<b>Temp deg C</b>	<b>Pres</b>	<b>Seal</b>	<b>Frozen Date/Time</b>	<b>Analysis(*)</b>
L2513733-06F	Vial HCl preserved	A	N/A	N/A	3.1	Y	Absent		SUB-DISSGAS(14)
L2513733-06G	Vial HCl preserved	A	N/A	N/A	3.1	Y	Absent		SUB-DISSGAS(14)
L2513733-06H	Vial H2SO4 preserved	A	NA		3.1	Y	Absent		TOC-5310(28)
L2513733-06I	Vial H2SO4 preserved	A	NA		3.1	Y	Absent		TOC-5310(28)
L2513733-06J	Plastic 250ml unpreserved/No Headspace	A	NA		3.1	Y	Absent		ALK-T-2320(14)
L2513733-06K	Plastic 250ml unpreserved	A	7	7	3.1	Y	Absent		SO4-300(28),CL-300(28),NO3-300(2),FERROUS(1)
L2513733-06L	Plastic 250ml Zn Acetate/NaOH preserved	A	>9	>9	3.1	Y	Absent		SUB-SULFIDE(7)
L2513733-06M	Plastic 250ml Zn Acetate/NaOH preserved	A	>9	>9	3.1	Y	Absent		SUB-SULFIDE(7)
L2513733-06N	Plastic 250ml HNO3 preserved	A	<2	<2	3.1	Y	Absent		FE-TI(180)
L2513733-07A	Vial HCl preserved	B	NA		3.8	Y	Absent		NYTCL-8260-R2(14)
L2513733-07B	Vial HCl preserved	B	NA		3.8	Y	Absent		NYTCL-8260-R2(14)

**Project Name:** JMA WIRELESS  
**Project Number:** 059294.003

**Lab Number:** L2513733  
**Report Date:** 03/25/25

## GLOSSARY

### Acronyms

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

Report Format: DU Report with 'J' Qualifiers



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### Footnotes

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

### Terms

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

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

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

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

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

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

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

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

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

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

### Data Qualifiers

- A** - Spectra identified as "Aldol Condensates" are byproducts of the extraction/concentration procedures when acetone is introduced in the process.
- B** - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).
- C** - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.
- D** - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.
- E** - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.
- F** - The ratio of quantifier ion response to qualifier ion response falls outside of the laboratory criteria. Results are considered to be an estimated maximum concentration.
- G** - The concentration may be biased high due to matrix interferences (i.e. co-elution) with non-target compound(s). The result should be considered estimated.
- H** - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.
- I** - The lower value for the two columns has been reported due to obvious interference.
- J** - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively

Report Format: DU Report with 'J' Qualifiers



**Project Name:** JMA WIRELESS  
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#### Data Qualifiers

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

- M** - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.
- ND** - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.
- NJ** - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.
- P** - The RPD between the results for the two columns exceeds the method-specified criteria.
- Q** - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)
- R** - Analytical results are from sample re-analysis.
- RE** - Analytical results are from sample re-extraction.
- S** - Analytical results are from modified screening analysis.
- V** - The surrogate associated with this target analyte has a recovery outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)
- Z** - The batch matrix spike and/or duplicate associated with this target analyte has a recovery/RPD outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

**Project Name:** JMA WIRELESS  
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**Lab Number:** L2513733  
**Report Date:** 03/25/25

## REFERENCES

- 1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - VI, 2018.
- 44 Methods for the Determination of Inorganic Substances in Environmental Samples, EPA/600/R-93/100, August 1993.
- 107 Calculation method.
- 117 Technical Guidance for the Natural Attenuation Indicators: Methane, Ethane, and Ethene, EPA-NE, Revision 1, February 21, 2002 and Sample Preparation & Calculations for Dissolved Gas Analysis in Water Samples using a GC Headspace Equilibration Technique, EPA RSKSOP-175, Revision 2, May 2004.
- 121 Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WEF. Standard Methods Online.

## LIMITATION OF LIABILITIES

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

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



## Certification Information

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

**Westborough Facility – 8 Walkup Dr. Westborough, MA 01581**

**EPA 624.1:** m/p-xylene, o-xylene, Naphthalene

**EPA 625.1:** alpha-Terpineol

**EPA 8260D:** NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.

**EPA 8270E:** NPW: Dimethylnaphthalene,1,4-Diphenylhydrazine, alpha-Terpineol, Azobenzene; SCM: Dimethylnaphthalene,1,4-Diphenylhydrazine.

**SM4500:** NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO<sub>2</sub>, NO<sub>3</sub>.

**Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048**

**SM 2540D:** TSS.

**EPA TO-15:** Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene,

3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.

**MADEP-APH.**

**Nonpotable Water:** EPA RSK-175 Dissolved Gases

**Biological Tissue Matrix:** EPA 3050B

**Mansfield Facility – 120 Forbes Blvd. Mansfield, MA 02048**

**EPA TO-15:** Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene,

3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.

**Nonpotable Water:** EPA RSK-175 Dissolved Gases

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

**Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048**

**Determination of Selected Perfluorinated Alkyl Substances by Solid Phase Extraction and Liquid Chromatography/Tandem Mass Spectrometry Isotope Dilution (via Alpha SOP 23528)**

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

**Westborough Facility – 8 Walkup Dr. Westborough, MA 01581**

**Drinking Water**

**EPA 300.0:** Chloride, Nitrate-N, Fluoride, Sulfate; **EPA 353.2:** Nitrate-N, Nitrite-N; **SM4500NO3-F:** Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE,**

**EPA 180.1, SM2130B, SM4500Cl-D, SM2320B, SM2540C, SM4500H-B, SM4500NO2-B**

**EPA 524.2:** THMs and VOCs; **EPA 504.1:** EDB, DBCP.

**Microbiology:** SM9215B; SM9223-P/A, SM9223B-Colilert-QT, SM9222D.

**Non-Potable Water**

**SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH:** Ammonia-N and Kjeldahl-N, **EPA 350.1:**

Ammonia-N, **LACHAT 10-107-06-1-B:** Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2:** Nitrate-N, **SM4500P-E, SM4500P-B, E, SM4500SO4-E,**

**SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D, EPA 300:** Chloride, Sulfate, Nitrate.

**EPA 624.1:** Volatile Halocarbons & Aromatics,

**EPA 608.3:** Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II,

Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs

**EPA 625.1:** SVOC (Acid/Base/Neutral Extractables).

**Microbiology:** SM9223B-Colilert-QT; Enterolert-QT, EPA 1600, EPA 1603, SM9222D.

**Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048**

**Drinking Water**

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

**EPA 522, EPA 537.1.**

**Non-Potable Water**

**EPA 200.7:** Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.

**EPA 200.8:** Al, Sb, As, Be, Cd, Cr, Cu, Fe, Pb, Mn, Ni, K, Se, Ag, Na, TL, Zn.

**EPA 245.1 Hg.**

**SM2340B**

**Pace Analytical Services LLC**

ID No.:17873

Facility: **Northeast**

Revision 27

Department: **Quality Assurance**

Published Date: 01/24/2025

Title: **Certificate/Approval Program Summary**

Page 2 of 2

**Certification IDs:****Westborough Facility – 8 Walkup Dr. Westborough, MA 01581**

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

**Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048**

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

**Mansfield Facility – 120 Forbes Blvd. Mansfield, MA 02048**

ANAB/DoD L2474, ME MA01156, MN 025-999-498, NH 2249, NJ MA025, NY 12191, OR 4203, TX T104704583, VA 460311, WA C1104.

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



**NEW YORK  
CHAIN OF  
CUSTODY**

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

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

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

Page

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Date Rec'd  
in Lab

3/12/25

**L2513733  
CHA - SYRACUSE**



<b>Client Information</b>		<b>Project Information</b>		<b>Deliverables</b>		<b>Billing Information</b>											
Client: <u>CHA Consulting</u>		Project Name: <u>JMA wireless</u>		<input type="checkbox"/> ASP-A <input checked="" type="checkbox"/> ASP-B <input type="checkbox"/> EQuIS (1 File) <input checked="" type="checkbox"/> EQuIS (4 File) <input type="checkbox"/> Other      (NY)		<input type="checkbox"/> Same as Client Info PO # <u>05929422 C/O 4</u>											
Address: <u>300 South State St. Syracuse, NY 13202</u>		Project Location: <u>Syracuse, NY</u>		<b>Regulatory Requirement</b>		<b>Disposal Site Information</b>											
Phone: <u>315-257-7250</u>		Project # <u>059294.003</u>		<input checked="" type="checkbox"/> NY TOGS <input type="checkbox"/> NY Part 375 <input type="checkbox"/> AWQ Standards <input type="checkbox"/> NY CP-51 <input type="checkbox"/> NY Restricted Use <input type="checkbox"/> Other <input type="checkbox"/> NY Unrestricted Use <input type="checkbox"/> NYC Sewer Discharge		Please identify below location of applicable disposal facilities. Disposal Facility: <input type="checkbox"/> NJ <input type="checkbox"/> NY <input type="checkbox"/> Other:											
Fax:		Project Manager: <u>M. Deyo</u>		<b>Turn-Around Time</b>													
Email: <u>kehmann@chasolutions.com</u>		ALPHAQuote #: <u>26395-R3</u>		Standard <input checked="" type="checkbox"/> Due Date:													
		Rush (only if pre approved) <input type="checkbox"/> # of Days:															
These samples have been previously analyzed by Alpha <input type="checkbox"/>				<b>ANALYSIS</b>		<b>Sample Filtration</b>											
Other project specific requirements/comments:				SO4 CL NO3 Ferric Total Metals Sulfide 4500 ALK-T-2320 Diss Gas - CO2 NY TCL-8260-R2 Diss Gas TOC		<input type="checkbox"/> Done <input type="checkbox"/> Lab to do <input type="checkbox"/> Lab to do (Please Specify below)											
Please specify Metals or TAL. <u>Iron</u>																	
ALPHA Lab ID (Lab Use Only)	Sample ID	Collection		Sample Matrix	Sampler's Initials								Sample Specific Comments	Total Bottle			
		Date	Time			SO4	CL	NO3	Ferric	Total Metals	Sulfide	4500			ALK-T-2320	Diss Gas - CO2	NY TCL-8260-R2
13733-01	CHA-1-20250311	3-11-25	0900	GW	KE/AH	X	X	X	X	X	X	X	X	X		14	
-02	MW-105D-20250311		1020														
-03	MW-7R-20250311		1110														
-04	MS-20250311		1200														
	MSD-20250311		1200														
	MW-6R-20250311		1200														
-05	MW-5R-20250311		1330														
-06	MW-4-20250311		1415														
-07	Trip Blank-20250311	-	-	-	-							X					
Preservative Code: A = None B = HCl C = HNO3 D = H2SO4 E = NaOH F = MeOH G = NaHSO4 H = Na2S2O3 K/E = Zn Ac/NaOH O = Other		Container Code: P = Plastic A = Amber Glass V = Vial G = Glass B = Bacteria Cup C = Cube O = Other E = Encore D = BOD Bottle		Westboro: Certification No: MA935 Mansfield: Certification No: MA015		Container Type		P	P	P	P	V	V	V	V		Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS. (See reverse side.)
						Preservative		A	C	K/E	A	A	B	B	D		
Relinquished By:		Date/Time		Received By:		Date/Time											
<u>Andrew Rodger</u>		3/11/25 1512		<u>Paul Pace</u>		3/11/25 1655											
<u>Becc</u>		3/12/25 1655		<u>Andrew</u>		0311 2125-0100											



Pace Analytical Services, LLC - East Longmeadow, Ma

39 Spruce Street \* East Longmeadow, MA 01028 \* FAX 413/525-6405 \* TEL. 413/525-2332

March 25, 2025

Melissa Deyo  
Pace Analytical Services - Westborough, MA  
8 Walkup Drive  
Westborough, MA 01581

Project Location: L2513733  
Client Job Number:  
Project Number: L2513733  
Laboratory Work Order Number: 25C0623

Enclosed are results of analyses for samples as received by the laboratory on March 12, 2025. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

A handwritten signature in black ink, appearing to read "Rebecca Faust".

Rebecca Faust  
Project Manager

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## Pace Analytical Services, LLC - East Longmeadow, Ma

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Pace Analytical Services - Westborough, MA  
 8 Walkup Drive  
 Westborough, MA 01581  
 ATTN: Melissa Deyo

REPORT DATE: 3/25/2025

PURCHASE ORDER NUMBER:

PROJECT NUMBER: L2513733

## ANALYTICAL SUMMARY

WORK ORDER NUMBER: 25C0623

The results of analyses performed on the following samples submitted to Pace Analytical Services, LLC - East Longmeadow, Ma, are found in this report.

PROJECT LOCATION: L2513733

FIELD SAMPLE #	LAB ID:	MATRIX	SAMPLE DESCRIPTION	TEST	SUB LAB
CHA-1-20250311	25C0623-01	Water		RSK175 SM21-24 4500S-F	
MW-105D-20250311	25C0623-02	Water		RSK175 SM21-24 4500S-F	
MW-7R-20250311	25C0623-03	Water		RSK175 SM21-24 4500S-F	
MW-6R-20250311	25C0623-04	Water		RSK175 SM21-24 4500S-F	
MW-5R-20250311	25C0623-05	Water		RSK175 SM21-24 4500S-F	
MW-4-20250311	25C0623-06	Water		RSK175 SM21-24 4500S-F	



Pace Analytical Services, LLC - East Longmeadow, Ma

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**CASE NARRATIVE SUMMARY**

All reported results are within defined laboratory quality control objectives unless listed below or otherwise qualified in this report.

**RSK175****Qualifications:****MS-19**

Sample to spike ratio is greater than or equal to 4:1. Spiked amount is not representative of the native amount in the sample. Appropriate or meaningful recoveries cannot be calculated.

**Analyte & Samples(s) Qualified:****Methane**

B401189-MS1, B401189-MSD1

The results of analyses reported only relate to samples submitted to Pace Analytical Services, LLC - East Longmeadow, Ma, for testing.

I certify that the analyses listed above, unless specifically listed as subcontracted, if any, were performed under my direction according to the approved methodologies listed in this document, and that based upon my inquiry of those individuals immediately responsible for obtaining the information, the material contained in this report is, to the best of my knowledge and belief, accurate and complete.

A handwritten signature in black ink that reads "Meghan E. Kelley".

Meghan E. Kelley  
Reporting Specialist



## Pace Analytical Services, LLC - East Longmeadow, Ma

39 Spruce Street \* East Longmeadow, MA 01028 \* FAX 413/525-6405 \* TEL. 413/525-2332

Project Location: L2513733

Sample Description:

Work Order: 25C0623

Date Received: 3/12/2025

Field Sample #: CHA-1-20250311

Sampled: 3/11/2025 09:00

Sample ID: 25C0623-01

Sample Matrix: Water

## Miscellaneous Organic Analyses

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Ethane	ND	0.014	0.0013	mg/L	1		RSK175	3/19/25	3/19/25 9:40	TPH
Ethene	ND	0.017	0.0018	mg/L	1		RSK175	3/19/25	3/19/25 9:40	TPH
Methane	0.82	0.0070	0.0010	mg/L	1		RSK175	3/19/25	3/19/25 9:40	TPH



Pace Analytical Services, LLC - East Longmeadow, Ma

39 Spruce Street \* East Longmeadow, MA 01028 \* FAX 413/525-6405 \* TEL. 413/525-2332

Project Location: L2513733

Sample Description:

Work Order: 25C0623

Date Received: 3/12/2025

Field Sample #: CHA-1-20250311

Sampled: 3/11/2025 09:00

Sample ID: 25C0623-01

Sample Matrix: Water

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Sulfide	ND	2.0	1.9	mg/L	1		SM21-24 4500S-F	3/17/25	3/17/25 16:49	DET



## Pace Analytical Services, LLC - East Longmeadow, Ma

39 Spruce Street \* East Longmeadow, MA 01028 \* FAX 413/525-6405 \* TEL. 413/525-2332

Project Location: L2513733

Sample Description:

Work Order: 25C0623

Date Received: 3/12/2025

Field Sample #: MW-105D-20250311

Sampled: 3/11/2025 10:20

Sample ID: 25C0623-02

Sample Matrix: Water

## Miscellaneous Organic Analyses

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Ethane	ND	0.014	0.0013	mg/L	1		RSK175	3/19/25	3/19/25 10:08	TPH
Ethene	ND	0.017	0.0018	mg/L	1		RSK175	3/19/25	3/19/25 10:08	TPH
Methane	1.1	0.0070	0.0010	mg/L	1		RSK175	3/19/25	3/19/25 10:08	TPH



Pace Analytical Services, LLC - East Longmeadow, Ma

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Project Location: L2513733

Sample Description:

Work Order: 25C0623

Date Received: 3/12/2025

Field Sample #: MW-105D-20250311

Sampled: 3/11/2025 10:20

Sample ID: 25C0623-02

Sample Matrix: Water

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Sulfide	ND	2.0	1.9	mg/L	1		SM21-24 4500S-F	3/17/25	3/17/25 16:49	DET



## Pace Analytical Services, LLC - East Longmeadow, Ma

39 Spruce Street \* East Longmeadow, MA 01028 \* FAX 413/525-6405 \* TEL. 413/525-2332

Project Location: L2513733

Sample Description:

Work Order: 25C0623

Date Received: 3/12/2025

Field Sample #: MW-7R-20250311

Sampled: 3/11/2025 11:10

Sample ID: 25C0623-03

Sample Matrix: Water

## Miscellaneous Organic Analyses

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Ethane	0.014	0.014	0.0013	mg/L	1		RSK175	3/19/25	3/19/25 10:37	TPH
Ethene	0.044	0.017	0.0018	mg/L	1		RSK175	3/19/25	3/19/25 10:37	TPH
Methane	4.6	0.0070	0.0010	mg/L	1		RSK175	3/19/25	3/19/25 10:37	TPH



Pace Analytical Services, LLC - East Longmeadow, Ma

39 Spruce Street \* East Longmeadow, MA 01028 \* FAX 413/525-6405 \* TEL. 413/525-2332

Project Location: L2513733

Sample Description:

Work Order: 25C0623

Date Received: 3/12/2025

Field Sample #: MW-7R-20250311

Sampled: 3/11/2025 11:10

Sample ID: 25C0623-03

Sample Matrix: Water

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Sulfide	ND	2.0	1.9	mg/L	1		SM21-24 4500S-F	3/17/25	3/17/25 16:49	DET



## Pace Analytical Services, LLC - East Longmeadow, Ma

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Project Location: L2513733

Sample Description:

Work Order: 25C0623

Date Received: 3/12/2025

Field Sample #: MW-6R-20250311

Sampled: 3/11/2025 12:00

Sample ID: 25C0623-04

Sample Matrix: Water

## Miscellaneous Organic Analyses

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Ethane	0.38	0.028	0.0026	mg/L	2		RSK175	3/19/25	3/19/25 11:00	TPH
Ethene	0.51	0.034	0.0035	mg/L	2		RSK175	3/19/25	3/19/25 11:00	TPH
Methane	5.6	0.014	0.0020	mg/L	2		RSK175	3/19/25	3/19/25 11:00	TPH



Pace Analytical Services, LLC - East Longmeadow, Ma

39 Spruce Street \* East Longmeadow, MA 01028 \* FAX 413/525-6405 \* TEL. 413/525-2332

Project Location: L2513733

Sample Description:

Work Order: 25C0623

Date Received: 3/12/2025

Field Sample #: MW-6R-20250311

Sampled: 3/11/2025 12:00

Sample ID: 25C0623-04

Sample Matrix: Water

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Sulfide	ND	2.0	1.9	mg/L	1		SM21-24 4500S-F	3/17/25	3/17/25 16:49	DET



## Pace Analytical Services, LLC - East Longmeadow, Ma

39 Spruce Street \* East Longmeadow, MA 01028 \* FAX 413/525-6405 \* TEL. 413/525-2332

Project Location: L2513733

Sample Description:

Work Order: 25C0623

Date Received: 3/12/2025

Field Sample #: MW-5R-20250311

Sampled: 3/11/2025 13:30

Sample ID: 25C0623-05

Sample Matrix: Water

## Miscellaneous Organic Analyses

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Ethane	0.034	0.014	0.0013	mg/L	1		RSK175	3/19/25	3/19/25 11:29	TPH
Ethene	0.021	0.017	0.0018	mg/L	1		RSK175	3/19/25	3/19/25 11:29	TPH
Methane	0.81	0.0070	0.0010	mg/L	1		RSK175	3/19/25	3/19/25 11:29	TPH



Pace Analytical Services, LLC - East Longmeadow, Ma

39 Spruce Street \* East Longmeadow, MA 01028 \* FAX 413/525-6405 \* TEL. 413/525-2332

Project Location: L2513733

Sample Description:

Work Order: 25C0623

Date Received: 3/12/2025

Field Sample #: MW-5R-20250311

Sampled: 3/11/2025 13:30

Sample ID: 25C0623-05

Sample Matrix: Water

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Sulfide	2.4	2.0	1.9	mg/L	1		SM21-24 4500S-F	3/17/25	3/17/25 16:49	DET



## Pace Analytical Services, LLC - East Longmeadow, Ma

39 Spruce Street \* East Longmeadow, MA 01028 \* FAX 413/525-6405 \* TEL. 413/525-2332

Project Location: L2513733

Sample Description:

Work Order: 25C0623

Date Received: 3/12/2025

Field Sample #: MW-4-20250311

Sampled: 3/11/2025 14:15

Sample ID: 25C0623-06

Sample Matrix: Water

## Miscellaneous Organic Analyses

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Ethane	0.79	0.014	0.0013	mg/L	1		RSK175	3/19/25	3/19/25 11:41	TPH
Ethene	0.028	0.017	0.0018	mg/L	1		RSK175	3/19/25	3/19/25 11:41	TPH
Methane	12	0.035	0.0050	mg/L	5		RSK175	3/19/25	3/19/25 11:49	TPH



Pace Analytical Services, LLC - East Longmeadow, Ma

39 Spruce Street \* East Longmeadow, MA 01028 \* FAX 413/525-6405 \* TEL. 413/525-2332

Project Location: L2513733

Sample Description:

Work Order: 25C0623

Date Received: 3/12/2025

Field Sample #: MW-4-20250311

Sampled: 3/11/2025 14:15

Sample ID: 25C0623-06

Sample Matrix: Water

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Sulfide	ND	2.0	1.9	mg/L	1		SM21-24 4500S-F	3/17/25	3/17/25 16:49	DET



Pace Analytical Services, LLC - East Longmeadow, Ma

39 Spruce Street \* East Longmeadow, MA 01028 \* FAX 413/525-6405 \* TEL. 413/525-2332

**Sample Extraction Data**

Prep Method:RSK175 Analytical Method:RSK175

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date
25C0623-01 [CHA-1-20250311]	B401189	1	1.00	03/19/25
25C0623-02 [MW-105D-20250311]	B401189	1	1.00	03/19/25
25C0623-03 [MW-7R-20250311]	B401189	1	1.00	03/19/25
25C0623-04 [MW-6R-20250311]	B401189	0.5	1.00	03/19/25
25C0623-05 [MW-5R-20250311]	B401189	1	1.00	03/19/25
25C0623-06 [MW-4-20250311]	B401189	1	1.00	03/19/25
25C0623-06RE1 [MW-4-20250311]	B401189	0.2	1.00	03/19/25

**SM21-24 4500S-F**

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date
25C0623-01 [CHA-1-20250311]	B400970	200	200	03/17/25
25C0623-02 [MW-105D-20250311]	B400970	200	200	03/17/25
25C0623-03 [MW-7R-20250311]	B400970	200	200	03/17/25
25C0623-04 [MW-6R-20250311]	B400970	200	200	03/17/25
25C0623-05 [MW-5R-20250311]	B400970	200	200	03/17/25
25C0623-06 [MW-4-20250311]	B400970	200	200	03/17/25



## Pace Analytical Services, LLC - East Longmeadow, Ma

39 Spruce Street \* East Longmeadow, MA 01028 \* FAX 413/525-6405 \* TEL. 413/525-2332

## QUALITY CONTROL

## Miscellaneous Organic Analyses - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC %REC	%REC Limits	RPD RPD	RPD Limit	Notes
<b>Batch B401189 - RSK175</b>										
<b>Blank (B401189-BLK1)</b>										
Prepared & Analyzed: 03/19/25										
Ethane	ND	0.014	mg/L							
Ethene	ND	0.017	mg/L							
Methane	ND	0.0070	mg/L							
<b>LCS (B401189-BS1)</b>										
Prepared & Analyzed: 03/19/25										
Ethane	0.34		mg/L	0.3368		101	73.1-116			
Ethene	0.31		mg/L	0.3146		97.5	67.6-116			
Methane	0.18		mg/L	0.1794		98.5	73.2-114			
<b>Duplicate (B401189-DUP1)</b>										
Source: 25C0623-01 Prepared & Analyzed: 03/19/25										
Ethane	ND	0.014	mg/L		ND			NC	20	
Ethene	ND	0.017	mg/L		ND			NC	20	
Methane	0.820	0.0070	mg/L		0.821			0.129	20	
<b>Matrix Spike (B401189-MS1)</b>										
Source: 25C0623-04 Prepared & Analyzed: 03/19/25										
Ethane	0.712		mg/L	0.3348	0.376	100	0-200			
Ethene	0.770		mg/L	0.3126	0.514	82.1	0-200			
Methane	5.96		mg/L	0.1784	5.56	224 *	0-200			MS-19
<b>Matrix Spike Dup (B401189-MSD1)</b>										
Source: 25C0623-04 Prepared & Analyzed: 03/19/25										
Ethane	0.674		mg/L	0.3348	0.376	89.1	0-200	5.49		
Ethene	0.723		mg/L	0.3126	0.514	67.0	0-200	6.34		
Methane	5.63		mg/L	0.1784	5.56	40.3	0-200	5.64		MS-19



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**QUALITY CONTROL**

**Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total) - Quality Control**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
<b>Batch B400970 - SM21-24 4500S-F</b>										
<b>Blank (B400970-BLK1)</b>				Prepared & Analyzed: 03/17/25						
Sulfide	ND	2.0	mg/L							
<b>LCS (B400970-BS1)</b>				Prepared & Analyzed: 03/17/25						
Sulfide	8.4	2.0	mg/L	10.05		83.6	79.7-122			
<b>MRL Check (B400970-MRL1)</b>				Prepared & Analyzed: 03/17/25						
Sulfide	2.20	2.0	mg/L	2.010		109	0-200			
<b>MRL Check (B400970-MRL2)</b>				Prepared & Analyzed: 03/17/25						
Sulfide	2.20	2.0	mg/L	2.010		109	0-200			
<b>Matrix Spike (B400970-MS1)</b>				Prepared & Analyzed: 03/17/25						
Sulfide	9.40	2.0	mg/L	10.05	ND	93.5	42.2-141			
<b>Matrix Spike Dup (B400970-MSD1)</b>				Prepared & Analyzed: 03/17/25						
Sulfide	9.40	2.0	mg/L	10.05	ND	93.5	42.2-141	0.00	22.7	



## Pace Analytical Services, LLC - East Longmeadow, Ma

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**FLAG/QUALIFIER SUMMARY**

*	QC result is outside of established limits.
†	Wide recovery limits established for difficult compound.
‡	Wide RPD limits established for difficult compound.
#	Data exceeded client recommended or regulatory level
ND	Not Detected
RL	Reporting Limit is at the level of quantitation (LOQ)
DL	Detection Limit is the lower limit of detection determined by the MDL study
MCL	Maximum Contaminant Level
	Percent recoveries and relative percent differences (RPDs) are determined by the software using values in the calculation which have not been rounded.
	No results have been blank subtracted unless specified in the case narrative section.
MS-19	Sample to spike ratio is greater than or equal to 4:1. Spiked amount is not representative of the native amount in the sample. Appropriate or meaningful recoveries cannot be calculated.



## Pace Analytical Services, LLC - East Longmeadow, Ma

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**CERTIFICATIONS****Certified Analyses included in this Report**

Analyte	Certifications
<b><i>RSK175 in Water</i></b>	
Ethane	VA,NY,ME,NJ
Ethene	VA,NY,ME,NJ
Methane	VA,NY,ME,NJ
<b><i>SM21-24 4500S-F in Water</i></b>	
Sulfide	NY,NH,RI,NC,ME,CT

Pace Analytical Services, LLC - East Longmeadow, Ma, operates under the following certifications and accreditations:

Code	Description	Number	Expires
CT	Connecticut Department of Public Health	PH-0821	12/31/2026
NY	New York State Department of Health	10899 NELAP	04/1/2025
NH	New Hampshire Environmental Lab	2516 NELAP	02/5/2026
RI	Rhode Island Department of Health	LAO00373	12/30/2025
NC	North Carolina Div. of Water Quality	652	12/31/2025
NJ	New Jersey DEP	MA007 NELAP	06/30/2025
ME	State of Maine	MA00100	06/9/2025
VA	Commonwealth of Virginia	460217	12/14/2025

25C0623



**Subcontract Chain of Custody**

Pace New England  
39 Spruce St  
East Longmeadow, MA 01028

**Pace Job Number**  
L2513733

Page 1

**Client Information**

Client: Pace Analytical Labs  
Address: Eight Walkup Drive  
Westborough, MA 01581-1019  
Report To: west.subreports@pacelabs.com  
Bill To: invoices@pacelabs.coupanhost.com  
Phone: 716.427.5229  
Email: Melissa.Deyo@pacelabs.com

**Project Information**

Project Location: NY  
Project Manager: Melissa Deyo  
**Turnaround & Deliverables Information**  
Due Date:  
Deliverables: ASP Category B Deliverables

**Regulatory Requirements/Report Limits**

State/Federal Program:  
Regulatory Criteria:  
  
Report to MDL

**Project Specific Requirements and/or Report Requirements**

Reference following Pace Job Number on final report/deliverables: L2513733 Report to include Method and/or Regulatory required batch QC

Additional Comments:

Lab ID	Pace ID	Client ID	Collection Date/Time	Sample Matrix	Analysis	Sample Level Comments	Sample Specific QC	Container Count
1	L2513733-01	CHA-1-20250311	03-11-25 09:00	WATER	Dissolved Gases			2
2	L2513733-02	MW-105D-20250311	03-11-25 10:20	WATER	Sulfide			2
3	L2513733-03	MW-7R-20250311	03-11-25 11:10	WATER	Dissolved Gases			2
4	L2513733-04	MW-6R-20250311	03-11-25 12:00	WATER	Sulfide		MS:MSD	2
5	L2513733-05	MW-5R-20250311	03-11-25 13:30	WATER	Dissolved Gases		MS:MSD	6
6	L2513733-06	MW-4-20250311	03-11-25 14:15	WATER	Sulfide			2
<p>Relinquished By: <i>[Signature]</i> Date/Time: 3/12/25 05:30</p> <p>Received By: <i>[Signature]</i> Date/Time: 3/12/25 07:05</p>								

Form No: AL\_subcoc

	DC#_Title: ENV-FRM-ELON-0001 v08_Sample Receiving Checklist
	Effective Date: 06/11/2024

### Log In Back-Sheet

Log In Sample Receipt Checklist - (Rejection Criteria Listing - Using Acceptance Policy) Any False statement will be brought to the attention of the Client - True or False

Client Pace - westborough

Project L2513733

MCP/RCP Required N/A

Deliverable Package Requirement ~~N/A~~ (RV) CAT B

Location NY

PWSID# (When Applicable) N/A

Arrival Method:

Courier  Fed Ex  Walk In  Other

Received By / Date / Time RL / 3-12-25 / 0705

Back-Sheet By / Date / Time RL / 3-12-25 / 0856

Temperature Method gun # 6

WV samples: Yes (see note\*) /  No (follow normal procedure)

Temp < 5° C Actual Temperature 1.0

Rush Samples: Yes /  No Notify \_\_\_\_\_

Short Hold: Yes /  No Notify \_\_\_\_\_

	True	False
Received on Ice	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Received in Cooler	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Custody Seal: DATE TIME	<input type="checkbox"/>	<input checked="" type="checkbox"/>
COC Relinquished	<input checked="" type="checkbox"/>	<input type="checkbox"/>
COC/Samples Labels Agree	<input checked="" type="checkbox"/>	<input type="checkbox"/>
All Samples in Good Condition	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Samples Received within Holding Time	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Is there enough Volume	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Proper Media/Container Used	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Splitting Samples Required	<input type="checkbox"/>	<input checked="" type="checkbox"/>
MS/MSD	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Trip Blanks	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Lab to Filters	<input type="checkbox"/>	<input checked="" type="checkbox"/>
COC Legible	<input checked="" type="checkbox"/>	<input type="checkbox"/>
COC Included: (Check all included)		
Client <input checked="" type="checkbox"/>	Analysis <input checked="" type="checkbox"/>	Sampler Name <input type="checkbox"/>
Project <input checked="" type="checkbox"/>	IDs <input checked="" type="checkbox"/>	Collection Date/Time <input checked="" type="checkbox"/>
All Samples Proper pH: N/A	<input checked="" type="checkbox"/>	<input type="checkbox"/>

**Notes regarding Samples/COC outside of SOP:**

**Additional Container Notes**

*\*Note: West Virginia requires all samples to have their temperature taken. Note any outliers.*

	DC#_Title: ENV-FRM-ELON-0001 v08_Sample Receiving Checklist
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Sample	Soils Jars				Ambers				Plastics				VOA Vials					Other / Fill in	
	(Circle Amb/Clear)				1 Liter	250ml	100ml		1 Liter	500ml	250ml								
1	16oz Amb/Clear																		
2	8oz Amb/Clear																		
3	4oz Amb/Clear																		
4	2oz Amb/Clear																		
5	Unpreserved																		
6	HCL																		
7	Sulfuric																		
8	Sulfuric																		
9	Phosphoric																		
10	HCl																		
11	Unpreserved																		
12	Unpreserved																		
13	Sulfuric																		
14	Unpreserved																		
15	Trizma																		
16	Sulfuric																		
17	Nitric																		
18	NaOH																		
19	Ammonium Acetate																		
20	NaOH/Zinc																		
	Unpreserved																		
	HCl																		
	MeOH																		
	D.I. Water																		
	BiSulfate																		
	Col/Bact																		

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