

2024 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
CHA	CHA Consulting, Inc.
CVOC	Chlorinated Volatile Organic Compounds
DCE	cis-1,2-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/MSD	Matrix Spike/Matrix Spike Duplicate
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
TO-15	Toxic Organics - 15
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
bgs	Below Ground Surface
in H ₂ O	Inches of Water Column
mg/L	Milligrams per Liter, or parts per million (ppm)
mg/kg	Milligrams per Kilogram, or ppm
µg/L	Micrograms per Liter, or parts per billion (ppb)
µg/m ³	Micrograms per Cubic Meter
mV	Millivolts

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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 which utilized underground storage tanks containing Stoddard solvent and fuel oil as part of Site operations. 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 28th, 2023, through April 28th, 2024. In accordance with the SMP, site-wide inspections, a sub-slab depressurization inspection, indoor air sampling event, and quarterly groundwater monitoring events occurred.

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 and additional indoor air monitoring, conducted in conformance with the approval letter for the 2023 Periodic Review Report (PRR), concluded the indoor air is not impacted by the accumulation of sub-slab vapors. 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 an evaluation of other MNA parameters.

CHA recommends reducing only the MNA parameters to bi-annual sampling events with proposed sampling frequency of Q2 and Q4. Additionally, CHA recommends changing the total iron analysis to speciate between ferric and ferrous iron during the bi-annual sampling events in which MNA parameters are included.

No other changes to the operation and maintenance plans are recommended at this time. To remain consistent with the reporting period starting and ending on April 28th, groundwater monitoring will continue quarterly through Q1 of 2025, at which time a PRR for the April 28th, 2024, through April 28th, 2025, reporting year will be submitted and the frequency of groundwater monitoring will be re-evaluated. 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). 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, the Site achieved a Certificate of Completion and entered the Site management phase.

This Periodic Review Report (PRR) details the Site management activities that were conducted during the reporting period of April 28th, 2023, through April 28th, 2024.

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

- Tetrachloroethylene (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 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.
 - b) Mix in place with zero valent iron (ZVI) slurry.
 - c) Soil from 9 feet 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 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 was treated.

- 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, 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 28th, 2023, through April 28th, 2024.

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 were 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
- 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:

Singular Event

- Indoor air quality sampling event

Annually

- SSDS inspection
- Site-Wide inspection

Quarterly

- Gauging of groundwater monitoring wells
- Groundwater sampling

3.1.1 Changes to the Monitoring Program

At the request of the NYSDOH in the 2023 approval letter, CHA performed one round of additional indoor and outdoor ambient air monitoring at locations prescribed by the department. The methodology and results of that additional sampling are provided in Section 3.2.

Additionally, one change to the monitoring well network was approved with acceptance of the 2023 PRR. Monitoring well MW-105S was removed from the gauging and monitoring network because it was unable to be recovered after Site redevelopment.

There have been no changes made to the SSDS or cover system for the Site since completion of Site redevelopment.

3.2 Indoor Air Sampling

In accordance with the request stated in the 2023 PRR approval letter, indoor air quality sampling was repeated in two locations within the building and an outdoor air sample was collected and analyzed. Additionally, the SSDS vacuum pressure was confirmed prior to sampling with the results discussed in Section 3.3 and provided in Appendix B.

On January 10, 2024, an inspection of the SSDS and vacuum pressure monitoring was conducted. On January 13, 2024, CHA mobilized to the Site to perform indoor air sampling at two locations within the building and outdoor air sampling at a generally upwind location. Figures 3A

and 3B identify the sample locations. CHA utilized 2.7-liter SUMMA® canisters that were individually certified clean by Pace Analytical Services, LLC. The canisters were setup to collect the samples over eight hours, during which the building was mostly unoccupied. The outdoor air sample was placed on the southwest corner of the building within the fenced-in area of the Site.

After the eight-hour sampling event, the SUMMA® canisters were closed/sealed and the flow regulators were removed. The samples were labeled with the project name, sample identification, date, start and stop time, start and stop vacuum pressures, sampler’s initials, and applicable laboratory analyses. The sample canisters were submitted to Pace’s laboratory located in Mansfield, Massachusetts (NYSDOH Environmental Laboratory Accreditation Program (ELAP) Certification Number 11627) under proper chain-of-custody protocols. The samples were analyzed for VOCs via Environmental Protection Agency (EPA) Method Toxic Organics-15 (TO-15).

3.2.1 Chemical Inventory

To effectively evaluate the source of detections of concentrations of a chemical, an inventory of all chemicals utilized within the building was conducted. The following chemicals were observed during the Site visit and the active ingredients were identified on safety data sheets provided by the various manufacturers.

Item	Main Active Ingredients
Envirox H ₂ Orange 2 Light Duty and Heavy-Duty Sanitizer	Hydrogen peroxide, orange oil, surfactants
Stainless Steel Cleaner	Water, solvent naphtha (petroleum), white mineral oil (petroleum), butane, propane
Dial Basics Soaps	Alcohols, sodium chloride, inner salts
Lite & Foamy Cranberry Ice Hand, Hair, and Body Wash	Water, sodium laureth sulfate
Contempo Spotting Solution	Water, butoxydiglycol, hydrogen peroxide, citric acid, sodium sesquicarbonate, disodium cetyl phenyl ether disulfonate, undeceth-3, polycarbonate sodium salt
Propylene Glycol	Propylene glycol
Isopropyl Alcohol Spray Bottles	Isopropyl alcohol, water
Smart Foam A and B	Polymeric diphenylmethane diisocyanate, diphenylmethane-4,4'-diisocyanate

3.2.2 Indoor Air Sampling Results

The laboratory analytical report is included in Appendix C. All detected parameters for indoor air and outdoor air are presented in Table 1. The detections were compared to Table C2. EPA 2001: Building Assessment and Survey Evaluation Database, SUMMA canister method for the 95th percentile values for indoor or outdoor air found in the above-referenced NYSDOH document. No



detected parameters exceeded their respective Table C.2 Indoor or Outdoor Air comparison values.

3.2.3 Indoor Air Sampling Conclusions

Based upon the results of the laboratory analysis conducted, CHA has concluded that soil vapor intrusion is successfully being mitigated by the active SSDS installed as part of the Remedial Design.

3.3 SSDS Inspection

Concurrently with the indoor air quality sampling event, 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 H₂O) vacuum pressure at the pressure gauges.
- A minimum vacuum pressure of -0.004 in H₂O was verified at all SSDS monitoring points accessible for inspection.
- The alarm system for all fans were tested and were in good working order.
- The rooftop fans were in good condition with no evidence of wear, excessive shaking, or electrical failures.
- Two monitoring points (PMP-06 and PMP-12) were inaccessible for inspection due to proximity of equipment.

3.4 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 D.

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, overgrowth that required maintenance, or excavation of disturbed areas.
- There was no evidence of vector activity.
- Site drainage systems appeared to be in good condition with no evidence of erosion around drainage structure, 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.

3.5 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 for the representative of the reporting year is included in Figure 4.

3.6 Groundwater Sampling Event

The purpose of the groundwater monitoring event is to identify contaminant trends within the groundwater and evaluate whether or not monitored natural attenuation (MNA) is occurring.

3.6.1 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 2023 through the first quarter 2024. 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 stable conditions representative of the monitored groundwater zone had been achieved. Due to the small riser diameter size, monitoring well MW-4 is unable to be purged and sampled with the Monsoon submersible pump, so a combination of peristaltic pump and/or disposable polyethylene bailer were 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 recorded on logs included in Appendix E at each monitoring well location. After three consecutive readings within stabilization parameters, one sample was collected from the dedicated tubing. Following collection, the groundwater samples were packed into coolers with ice and transported to Pace Analytical Services laboratories certified under the NYSDOH Environmental Laboratory Approval Program (ELAP).

Samples were submitted to Alpha Analytical for the following analyses:

- VOCs via EPA Method 8260C;
- Total Iron via EPA Method 6010D;
- 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 2 and summarized in Section 3.6.3.

3.6.2 Waste Characterization

Purge water was containerized in 55-gallon steel drums and characterized for waste disposal purposes. Laboratory analytical results indicated the water was non-hazardous. The drums were staged on-site to be utilized for future groundwater monitoring events. A waste disposal contractor was retained to transport the drums to a permitted facility in December 2023. The manifest for drum disposal is included in Appendix F.

3.6.3 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 2 and presented in Figure 5. The full analytical laboratory reports are included in Appendix G.

3.6.3.1 Upgradient Monitoring Well VOCs

Monitoring well MW-105D is located on the eastern perimeter of the Site and acts as the upgradient monitoring well. Throughout the reporting period, benzene was detected at concentrations between 1.3 and 6.9 µg/L, which slightly exceeds the TOGS 1.1.1. AWQS of 1 µg/L. No other VOC parameters were detected in exceedance of their applicable standards. Analytical results indicate the upgradient monitoring well is not impacted by the Site COCs.

3.6.3.2 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 the daughter products DCE ranging from non-detect to 74 µg/L and VC ranging from 0.26 to 140 µg/L in three of the four monitoring events during the reporting period. CHA redeveloped monitoring well MW-4 during the third quarter sampling event, so the second quarter 2023 sampling event in which detections were lower than other events is likely not associated with an increase of CVOCs.
- Monitoring well MW-5R was found to have detections of:
 - PCE at concentrations ranging from 8.2 to 74 µg/L;
 - TCE at concentrations ranging from 4.3 to 11 µg/L;
 - DCE at concentrations ranging from 14 to 34 µg/L; and,
 - VC at concentrations ranging from 180 to 280 µg/L.
- Monitoring well MW-6R was found to have detections of:
 - PCE at concentrations ranging from 2.7 to 21 µg/L;
 - TCE at concentrations ranging from 3.5 to 26 µg/L;
 - DCE at concentrations ranging from 41 to 400 µg/L;
 - VC at concentrations ranging from 190 to 1,400 µg/L; and,
 - Benzene at concentrations typically not exceeding the TOGS 1.1.1. AWQS with the exception of one estimated detection at 1.2 J µg/L.

- Monitoring well MW-7R was found to have detections of:
 - 1,1-dichloroethene at concentrations ranging from 1.7 to 6.4 J µg/L;
 - DCE at concentrations ranging from 390 to 1,600 µg/L; and,
 - VC at concentrations ranging from 140 to 560 µg/L.

3.6.3.3 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 are evaluated. A preliminary evaluation of MNA is provided in the following section.

3.6.4 Monitored Natural Attenuation Evaluation

The Environmental Protection Agency Technical Protocol for Evaluating Natural Attenuation of Chlorinated Solved in Groundwater, September 1998, was referenced to describe the process of natural attenuation and aided 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, the CVOc is used as an electron acceptor and a halogen (chlorine) is removed and replaced with a hydrogen atom. In order 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.

3.6.4.1 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 an upward trend of DCE and VC, likely from advection of the source PCE plume and subsequent reductive dechlorination.
- Monitoring well MW-5R is showing a strong decline in PCE, TCE and DCE with an increase in VC concentrations, which is indicative of reductive dechlorination.
- Although there are detections of source product PCE at monitoring well MW-6R, the levels appear to be low with respect to daughter products such as DCE and VC which appear to be increasing, indicative of reductive dechlorination.
- 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 are the only parameters detected at concentrations exceeding TOGS 1.1.1 AWQS. The relatively stable but varying concentrations identified in the reporting year are likely due to continued reductive dechlorination within the source plume and advection of groundwater.

3.6.4.2 Parameters Associated with Terminal Electron Acceptors

Dissolved Oxygen

Reductive dechlorination occurs in an anaerobic environment, which is typically identified as less than 0.5 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 dissolved oxygen concentration of upgradient monitoring well MW-105D was generally less than 2 mg/L which is considered low oxygen, hypoxic, condition. The surrounding 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 and MW-6R once the monitoring well had stabilized. Monitoring well MW-7R was generally slightly above 0.5 mg/L but less than 1.0 mg/L, indicating an oxygen deficient environment despite levels exceeding 0.5 mg/L.

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. In order 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, except for one (MW-5R sample in Q2 2023), 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 10 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, including at the upgradient monitoring well MW-105D. Total iron concentrations repeatedly exceed 1 mg/L in all monitoring wells, as shown on Figure 11. CHA proposes sampling iron (III) [ferric] and iron (II) [ferrous] during the next reporting year to confirm the presence of iron (II) at concentrations exceeding 1 mg/L.

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 slightly lower methane concentrations compared to the downgradient monitoring wells, as shown on Figure 12. Therefore, it is expected the presence of contamination is further producing methane and further enhancing the reducing conditions.

3.6.4.3 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 samples were 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 13, chloride concentrations in the downgradient monitoring wells show a strong 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. Ethene was detected at concentrations ranging from 8.4 to 515 µg/L in the downgradient monitoring wells with a strong increasing trend at 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 14 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 the upgradient monitoring well MW-105D was found to range between 6.8 and 7.3 pH units. The downgradient monitoring wells ranged from 6.7 to 8.4 pH units which correlates to a hydrogen ion concentration between 4 and 200 nanomoles. The groundwater pH levels are conducive to reductive dechlorination.

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 -50 to -150 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 >20 mg/L. The background TOC concentrations are approximately 5 to 7 mg/L while the downgradient monitoring well TOC concentrations ranged from 0.8 to 30.4 mg/L. This parameter will continue to be evaluated.

3.6.4.4 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.

3.7 Monitoring Deficiencies

Carbon dioxide was unable to be analyzed during the third quarter 2023 sampling event due to improper bottle ware supplied by the contract laboratory to extract and analyze the parameter. No other deficiencies are noted for the reporting period.

4.0 SUMMARY, CONCLUSIONS & RECOMMENDATIONS

4.1 Summary

The Site was observed to be in overall good condition at the time of the 2023-2024 activities. In summary:

- CHA conducted supplemental indoor air and outdoor air sampling to demonstrate the efficacy of the SSDS.

- 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 declining trend 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 results of the indoor air sampling event indicate the SSDS is effectively mitigating the accumulation of sub-slab vapors from the CVOC contamination, and no additional vapor intrusion mitigation or testing is necessary. The results of the groundwater sampling event indicate a significant decline in overall CVOC concentrations compared to pre-remediation conditions. Based on the MNA evaluation, the conditions persist in the groundwater to continue to reduce the remaining contaminant mass via reductive dechlorination of PCE.

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 is recommended that the Site monitoring program continue in accordance with the SMP.

CHA recommends reducing only the laboratory analyzed MNA parameters to bi-annual sampling events with proposed sampling frequency of Q2 and Q4. Additionally, CHA recommends changing the total iron analysis to speciate between ferric and ferrous iron during the bi-annual sampling events in which MNA parameters are included. Therefore, the schedule would consist of the following:

- Quarters 1 and 3
 - VOCs via EPA Method 8260
 - Field Water Quality Parameters
 - Oxygen Reduction Potential
 - Dissolved Oxygen
 - pH
 - Specific Conductivity
 - Temperature
- Quarters 2 and 4
 - VOCs via EPA Method 8260
 - Iron II via EPA Method 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
 - Oxygen Reduction Potential
 - Dissolved Oxygen
 - pH
 - Specific Conductivity
 - Temperature

No other changes to the operation and maintenance plans are recommended at this time. To remain consistent with the reporting period starting and ending on April 28th, groundwater monitoring will continue quarterly through Q1 of 2025, at which time a PRR for the April 28th, 2024 through April 28th 2025 reporting year will be submitted and the frequency of groundwater monitoring will be re-evaluated.

TABLES

Table 1.
January 13, 2024 Supplemental Ambient Air Results - Detected Parameters Only

Former Coyne Textile Facility
Sub-Slab Depressurization System Performance Monitoring

LOCATION					OA-01-20240113		IA-01-20240113		IA-02-20240113	
SAMPLING DATE					1/13/2024		1/13/2024		1/13/2024	
LAB SAMPLE ID					L2402331-03		L2402331-01		L2402331-02	
SAMPLE TYPE					OUTDOOR AMBIENT AIR		INDOOR AIR		INDOOR AIR	
		Table C.2 Indoor Air 95th Percentile for Indoor Air Sample Comparison	Table C.2 Indoor Air 95th Percentile for Outdoor Air Sample Comparison	Units	Results	Qual	Results	Qual	Results	Qual
Volatile Organics in Air										
	2-Butanone	13.5	14.8	µg/m ³	1.47	U	2.03		1.47	U
	Acetone	120.2	56	µg/m ³	3.52		40.4		35.9	
	Chloromethane	4.4	2.6	µg/m ³	1.2		1.33		1.26	
	Dichlorodifluoromethane	32.9	12.2	µg/m ³	2.35		2.37		2.41	
	Ethanol	290	82.5	µg/m ³	9.42	U	202		13.9	
	Isopropanol	475	23.5	µg/m ³	1.23	U	39.1		177	
	Methylene chloride		10.3	µg/m ³	1.74	U	1.74	U	1.94	
	n-Hexane	15.2	11.4	µg/m ³	0.705	U	0.976		0.705	U
	Styrene	4.3	3.6	µg/m ³	0.852	U	1.47		1.89	
	Tetrahydrofuran			µg/m ³	1.58		2.9		1.55	
	Toluene	70.8	49.2	µg/m ³	0.754	U	1.68		0.754	U
	Trichlorofluoromethane	9.4	5.6	µg/m ³	1.3		1.3		1.3	
Volatile Organics in Air by SIM										
	Carbon tetrachloride	0.7	0.7	µg/m ³	0.421		0.453		0.453	

Samples collected by CHA Consulting on 1/13/2024.
 Samples analyzed by Alpha Analytical (ELAP 11627 for NYSDOH)
 U - Non-Detected Parameter
 listed in the NYSDOH Guidance for Evaluating Soil Vapor Intrusion in the State of
 New York.

Blue highlighted cells exceed the Table C.2 95th percentile value

Table 2.
Groundwater Sample Results
Detected Parameters Only
Former Coyne Textile Facility
Periodic Review Report
Reporting Period: April 28th, 2023 through April 28th, 2024

LOCATION			MW-105D				MW-4					
SAMPLING DATE			5/3/2023	8/16/2023	10/24/2023	3/20/2024	5/3/2023	8/16/2023	10/24/2023	3/21/2024		
TOTAL DEPTH			26'	26'	26'	26'	18'	18'	18'	18'		
SCREENED INTERVAL			16' - 26' bgs	16' - 26' bgs	16' - 26' bgs	16' - 26' 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
Anions by Ion Chromatography												
Chloride	250,000	µg/L	67,900		160,000		65,900		53,200		197,000	
Nitrogen, Nitrate	10,000	µg/L	542		ND		23	J	ND		366	
Sulfate	250,000	µg/L	42,900		44,400		23,400		23,200		33,800	
Sulfide	50	µg/L	ND		ND		ND		ND		ND	
Dissolved Gases by GC												
Carbon Dioxide		µg/L	85,400		NS		91,800		58,700		116,000	
Ethane		µg/L	2.35		5.49		5.32		ND		925	
Ethene		µg/L	ND		ND		ND		ND		136	
Methane		µg/L	2,560		3,520		3,340		1,890		10,700	
General Chemistry												
Alkalinity, Total		mg CaCO	460		577		582		551		941	
Total Organic Carbon		µg/L	5,870		6,110		7,400		6,030		30,400	
Volatile Organics by GC/MS												
1,1-Dichloroethene	5	µg/L	ND		ND		ND		ND		ND	
Acetone	50	µg/L	ND		ND		ND		ND		3.7	J
Benzene	1	µg/L	1.3		6.9		5.7		6.4		ND	
Chloroethane	5	µg/L	0.9	J	0.94	J	ND		ND		ND	
cis-1,2-Dichloroethene	5	µg/L	ND		ND		ND		ND		ND	
Methyl cyclohexane		µg/L	ND		ND		ND		ND		0.63	J
Tetrachloroethene	5	µg/L	ND		ND		ND		ND		ND	
trans-1,2-Dichloroethene	5	µg/L	ND		ND		ND		ND		ND	
Trichloroethene	5	µg/L	ND		ND		ND		ND		ND	
Vinyl chloride	2	µg/L	0.1	J	0.49	J	0.16	J	ND		0.26	J
Metals												
Iron	300	µg/L	1,750		2,140		2350		918		142,000	

Samples collected by CHA Consulting, Inc. and analyzed by Alpha Analytical Laboratories (ELAP 11148) or Pace Analytical Services, LLC.

ND - Non Detect

NS - Not Sampled

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.

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

Table 2.
Groundwater Sample Results
Detected Parameters Only
Former Coyne Textile Facility
Periodic Review Report
Reporting Period: April 28th, 2023 through April 28th, 2024

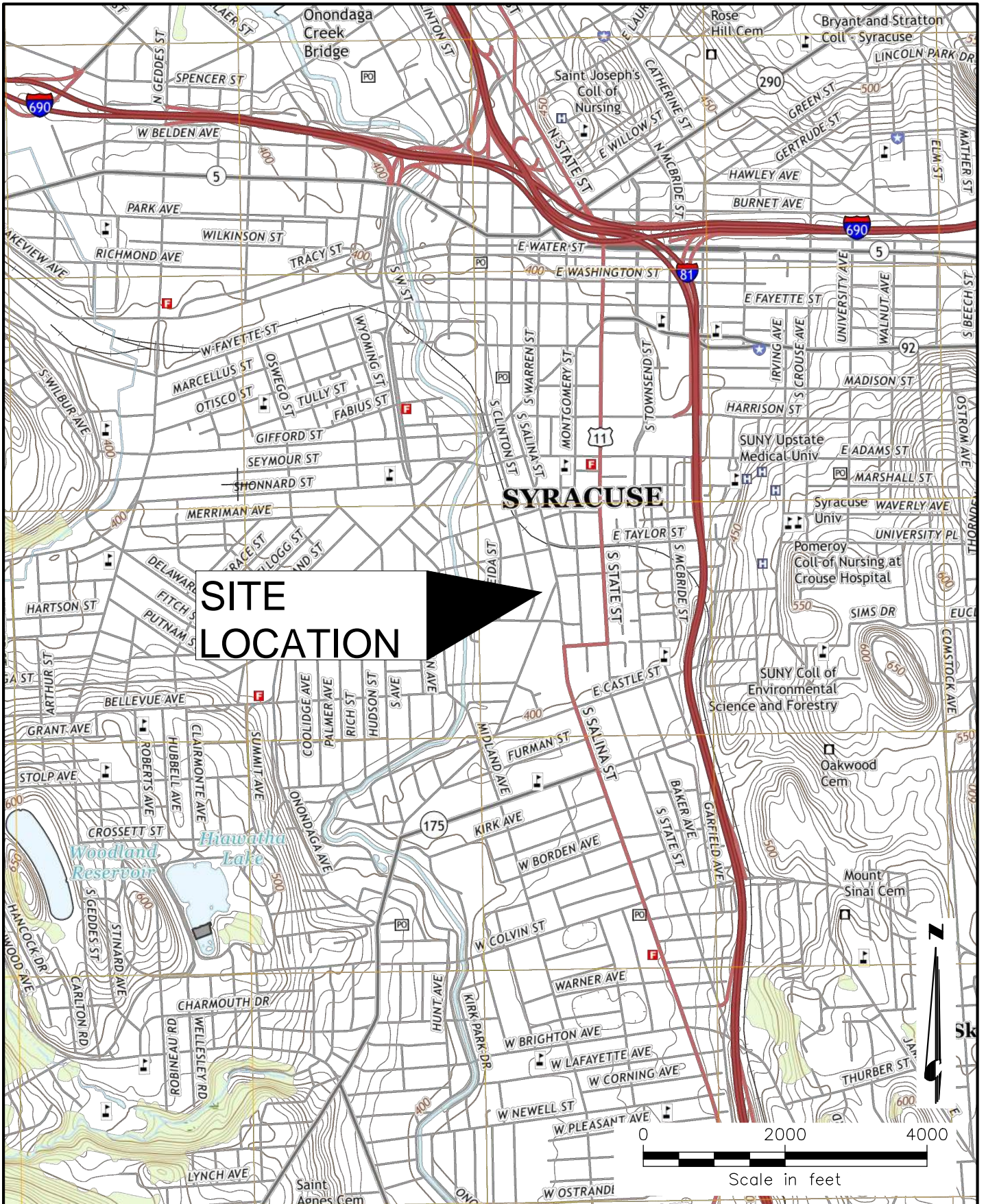
LOCATION			MW-5R					MW-6R									
SAMPLING DATE			3/30/2023	5/3/2023	8/16/2023	10/24/2023	3/20/2024	3/30/2023	5/3/2023	8/16/2023	10/24/2023	3/20/2024					
TOTAL DEPTH			20'	20'	20'	20'	20'	20'	20'	20'	20'	20'					
SCREENED INTERVAL			10' - 20' bgs	10' - 20' bgs	10' - 20' bgs	10' - 20' bgs	10' - 20' bgs	10' - 20' bgs	10' - 20' bgs	10' - 20' bgs	10' - 20' bgs	10' - 20' bgs					
	NY-AWQS	Units	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual			
Anions by Ion Chromatography																	
Chloride	250,000	µg/L	212,000		188,000		206,000		277,000		318,000		299,000	245,000	407,000	330,000	303,000
Nitrogen, Nitrate	10,000	µg/L	BD		2,140		ND		ND		ND		ND	521	ND	23 J	37 J
Sulfate	250,000	µg/L	187,000		169,000		166,000		184,000		162,000		75,000	42,800	63,400	113,000	71,800
Sulfide	50	µg/L	34		100		470		250		ND		27	ND	ND	150	ND
Dissolved Gases by GC																	
Carbon Dioxide		µg/L	41,200		41,700		NS		37,700		29,100		65,400	57,200	NS	69,200	58,700
Ethane		µg/L	55		55.5		42.8		50.1		37.8		221	200	262	303	259
Ethene		µg/L	30.4		24.7		22.9		32.6		22.5		185	162	296	343	515
Methane		µg/L	1,390		1,480		1,270		1,210		788		6,850	6,090	8,240	7,860	4,730
General Chemistry																	
Alkalinity, Total		mg CaCO	328		322		327		270		277		375	350	524	384	421
Total Organic Carbon		µg/L	5,790		5,960		4,210		3,200		3,060		10,400	9,360	15,200	12,000	12,200
Volatile Organics by GC/MS																	
1,1-Dichloroethene	5	µg/L	ND		ND		ND		ND		ND		0.46 J	0.42 J	ND	0.96 J	0.74 J
Acetone	50	µg/L	ND		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		0.36 J	0.35 J	ND	1 J	1.2 J
Chloroethane	5	µg/L	ND		2.2 J		ND		1.8 J		1.2 J		ND	1 J	ND	ND	ND
cis-1,2-Dichloroethene	5	µg/L	34		16		14		14		27		130	98	41	380	400
Methyl cyclohexane		µg/L			ND		ND		ND		ND			ND	ND	ND	ND
Tetrachloroethene	5	µg/L	8.2		12		28		11		74		9.7	7.9	2.7	21	9
trans-1,2-Dichloroethene	5	µg/L	ND		ND		ND		ND		ND		2.7	2.4	ND	ND	3.3 J
Trichloroethene	5	µg/L	5.8		6.1		7.1		4.3		13		13	11	3.5	26	11
Vinyl chloride	2	µg/L	220		280		180		200		190		190	470	920	1,500	1400
Metals																	
Iron	300	µg/L	16,300		4,730		7,090		3,010		2,300		11,400	7,420	14,700	11,100	8,620

Table 2.
Groundwater Sample Results
Detected Parameters Only
Former Coyne Textile Facility
Periodic Review Report
Reporting Period: April 28th, 2023 through April 28th, 2024

LOCATION			MW-7R									
SAMPLING DATE			3/30/2023		5/3/2023		8/16/2023		10/24/2023		3/20/2024	
TOTAL DEPTH			20'		20'		20'		20'		20'	
SCREENED INTERVAL			10' - 20' bgs		10' - 20' bgs		10' - 20' bgs		10' - 20' bgs		10' - 20' bgs	
	NY-AWQS	Units	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual
Anions by Ion Chromatography												
Chloride	250,000	µg/L	301,000		316,000		373,000		338,000		372,000	
Nitrogen, Nitrate	10,000	µg/L	ND		761		ND		ND		28	J
Sulfate	250,000	µg/L	86,100		65,800		63,000		126,000		92,700	
Sulfide	50	µg/L	40		ND		ND		ND		ND	
Dissolved Gases by GC												
Carbon Dioxide		µg/L	61,800		49,100		NS		74,700		61,600	
Ethane		µg/L	9.77		5.35		24.3		17.9		11.5	J
Ethene		µg/L	15.8		8.4		36		50.7		28.9	
Methane		µg/L	4,910		2,890		3,710		4,460		4,040	
General Chemistry												
Alkalinity, Total		mg CaCO	376		297		396		382		378	
Total Organic Carbon		µg/L	4,740		2,950		4,540		4,800		5,990	
Volatile Organics by GC/MS												
1,1-Dichloroethene	5	µg/L	3.7		1.9		6.4	J	5.5		3.7	J
Acetone	50	µg/L	ND		ND		ND		ND		ND	
Benzene	1	µg/L	0.43	J	0.2	J	ND		ND		ND	
Chloroethane	5	µg/L	ND		ND		ND		ND		ND	
cis-1,2-Dichloroethene	5	µg/L	670		390		1600		1400		820	
Methyl cyclohexane		µg/L	ND		ND		ND		ND		ND	
Tetrachloroethene	5	µg/L	ND		ND		ND		ND		ND	
trans-1,2-Dichloroethene	5	µg/L	2.5		1.1	J	ND		ND		ND	
Trichloroethene	5	µg/L	0.32	J	ND		ND		ND		ND	
Vinyl chloride	2	µg/L	180		140		560		510		370	
Metals												
Iron	300	µg/L	9,650		5,020		6,250		4,540		7,270	

FIGURES

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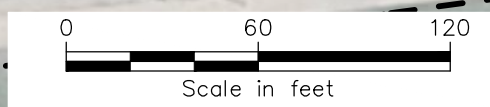
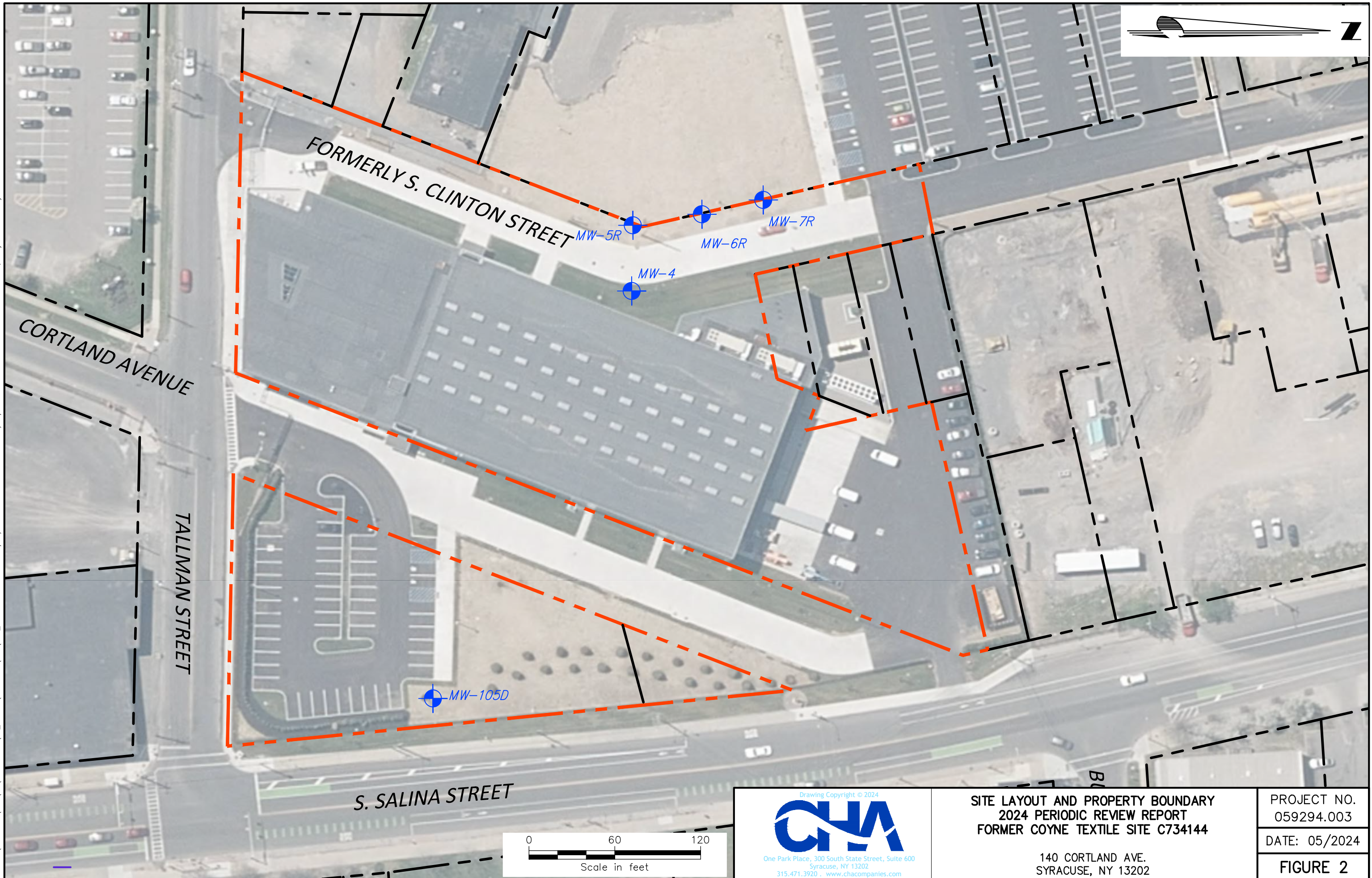
SITE LOCATION MAP
PERIODIC REVIEW REPORT
FORMER COYNE TEXTILE FACILITY C734144
 140 CORTLAND AVE
 SYRACUSE, NEW YORK

PROJECT NO.
059294.003

DATE: 05/2024

FIGURE 1

File: V:\PROJECTS\NY\K7\059294.003\09_DESIGN\DRAWINGS\ENV\PRR_FIGURES.DWG Saved: 4/26/2024 10:29:54 AM Plotted: 4/26/2024 10:35:36 AM Current User: Ehmann, Karyn LastSavedBy: 5768



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**SITE LAYOUT AND PROPERTY BOUNDARY
2024 PERIODIC REVIEW REPORT
FORMER COYNE TEXTILE SITE C734144**

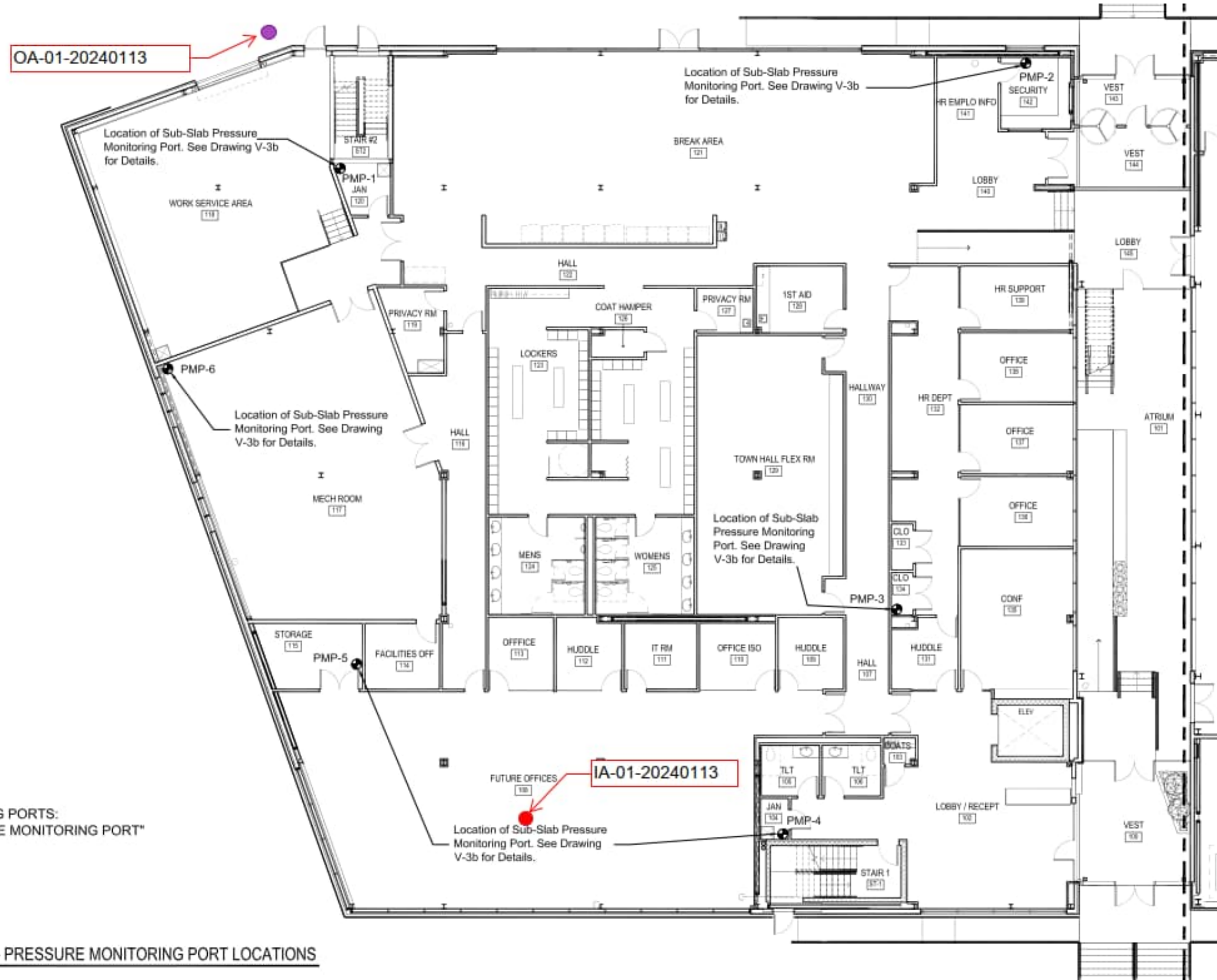
140 CORTLAND AVE.
SYRACUSE, NY 13202

PROJECT NO.
059294.003

DATE: 05/2024

FIGURE 2

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

1 1st FLOOR OFFICES - PRESSURE MONITORING PORT LOCATIONS
 SCALE: 1/8" = 1'-0"

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

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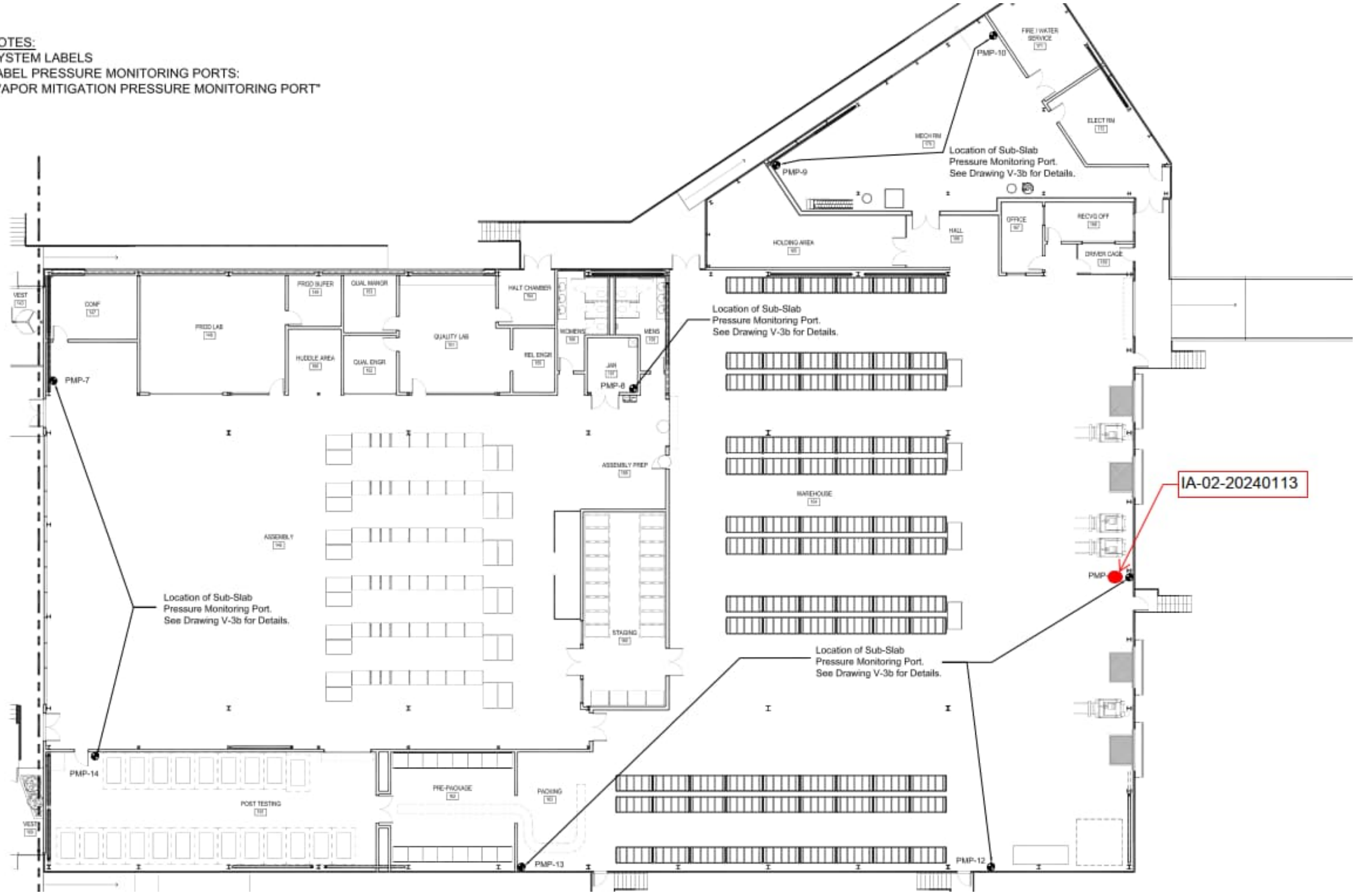
SUPPLEMENTAL AMBIENT AIR SAMPLING LOCATIONS
 FORMER COYNE TEXTILE
 140 CORTLAND AVENUE
 SYRACUSE, NEW YORK

PROJECT NO.
 059294.003

DATE: 04/2024

FIGURE 3A

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



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

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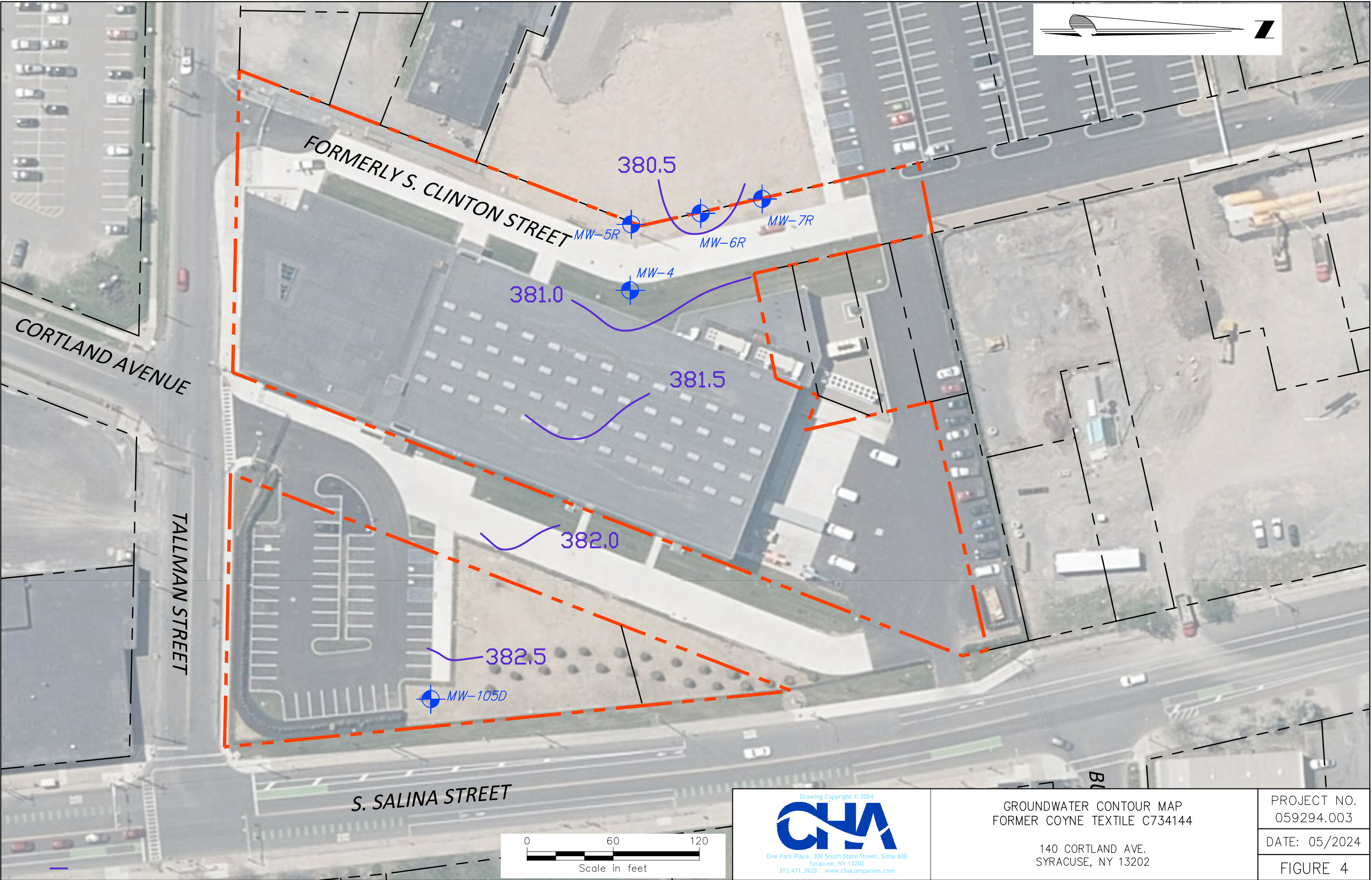
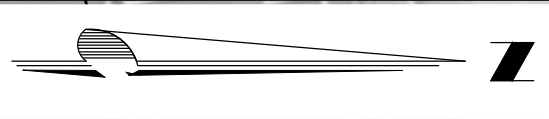
300 South State Street Suite 600 Syracuse, New York 13202
 Main: (315) 471-3920 • www.chasolutions.com

SUPPLEMENTAL AMBIENT AIR SAMPLING LOCATIONS
 FORMER COYNE TEXTILE
 140 CORTLAND AVENUE
 SYRACUSE, NEW YORK

PROJECT NO. 059294.003
DATE: 04/2024
FIGURE 3B

V:\OH_Data\Technical_Groups\EnvPlanning\Templates\Figure Borders\Figure_Template_11x17_Border.docx

File: V:\PROJECTS\ANY\K7\059294.003\09_DESIGN\DRAWINGS\ENV\PRR_FIGURES.DWG Saved: 4/26/2024 10:37:15 AM Plotted: 4/26/2024 10:38:13 AM Current User: Etmann, Karyn LastSavedBy: 5768



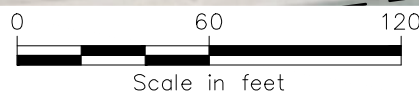
GROUNDWATER CONTOUR MAP
FORMER COYNE TEXTILE C734144

140 CORTLAND AVE.
SYRACUSE, NY 13202

PROJECT NO.
059294.003

DATE: 05/2024

FIGURE 4



File: V:\PROJECTS\ANY\K7\059294_003\09_DESIGN\DRAWINGS\ENV\PRR_FIGURES.DWG Saved: 4/26/2024 10:40:18 AM Plotted: 4/26/2024 10:42:45 AM Current User: Ehmman, Karyn LastSavedBy: 5768



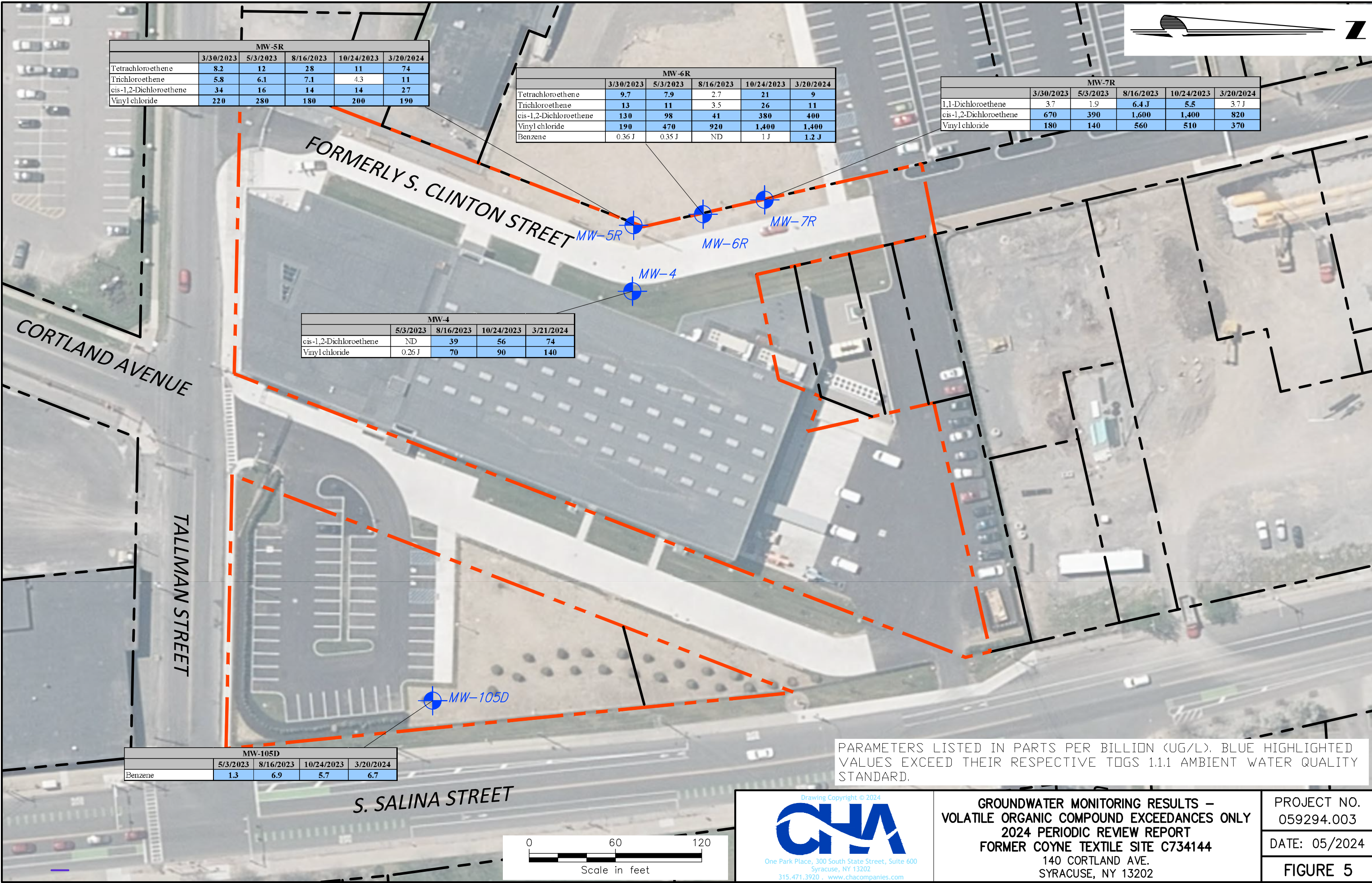
MW-5R					
	3/30/2023	5/3/2023	8/16/2023	10/24/2023	3/20/2024
Tetrachloroethene	8.2	12	28	11	74
Trichloroethene	5.8	6.1	7.1	4.3	11
cis-1,2-Dichloroethene	34	16	14	14	27
Vinyl chloride	220	280	180	200	190

MW-6R					
	3/30/2023	5/3/2023	8/16/2023	10/24/2023	3/20/2024
Tetrachloroethene	9.7	7.9	2.7	21	9
Trichloroethene	13	11	3.5	26	11
cis-1,2-Dichloroethene	130	98	41	380	400
Vinyl chloride	190	470	920	1,400	1,400
Benzene	0.36 J	0.35 J	ND	1 J	1.2 J

MW-7R					
	3/30/2023	5/3/2023	8/16/2023	10/24/2023	3/20/2024
1,1-Dichloroethene	3.7	1.9	6.4 J	5.5	3.7 J
cis-1,2-Dichloroethene	670	390	1,600	1,400	820
Vinyl chloride	180	140	560	510	370

MW-4				
	5/3/2023	8/16/2023	10/24/2023	3/21/2024
cis-1,2-Dichloroethene	ND	39	56	74
Vinyl chloride	0.26 J	70	90	140

MW-105D				
	5/3/2023	8/16/2023	10/24/2023	3/20/2024
Benzene	1.3	6.9	5.7	6.7



PARAMETERS LISTED IN PARTS PER BILLION (UG/L). BLUE HIGHLIGHTED VALUES EXCEED THEIR RESPECTIVE TOGS 1.1 AMBIENT WATER QUALITY STANDARD.



**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: 05/2024
FIGURE 5

Figure 6: CVOC Concentrations at MW-4

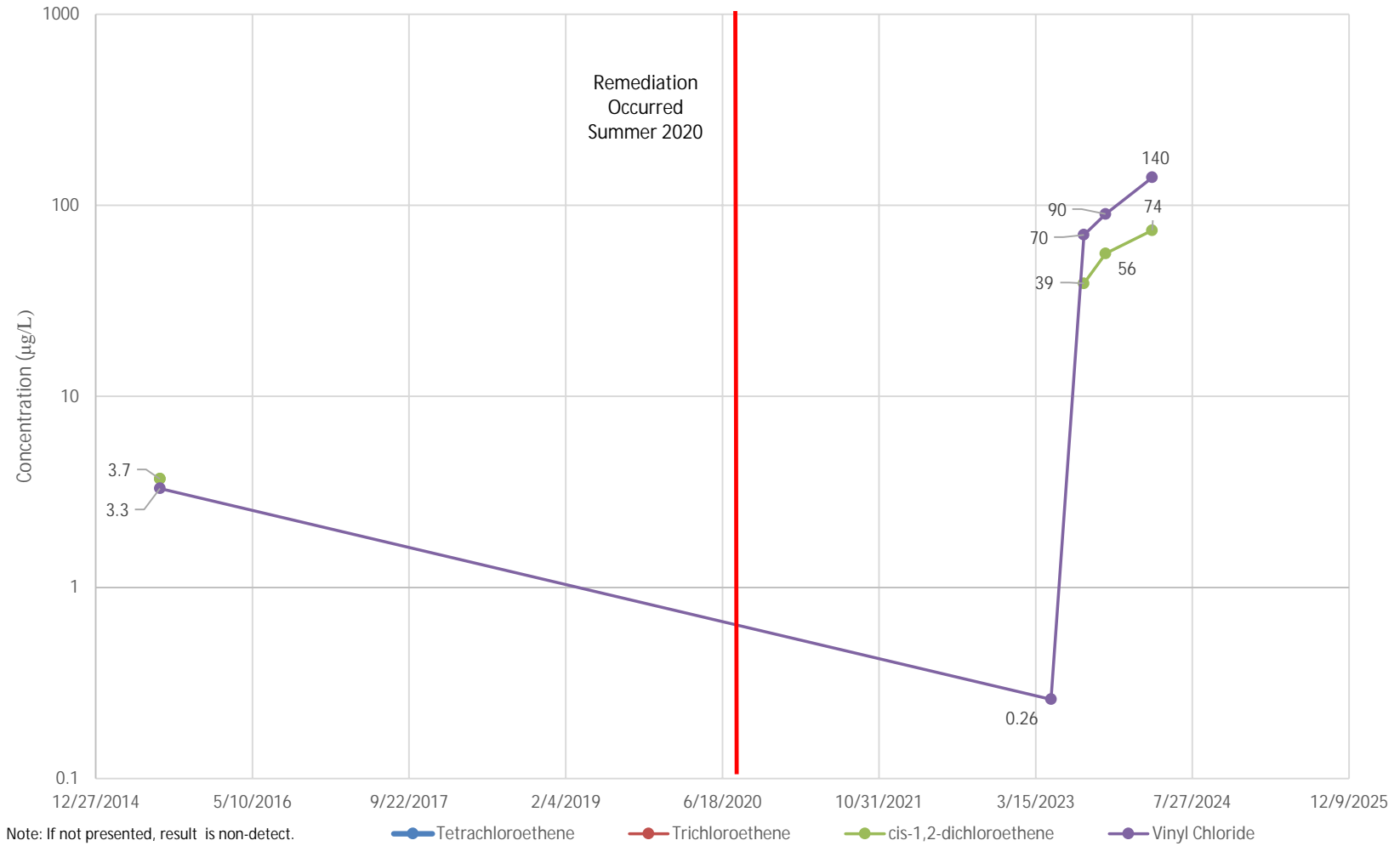


Figure 7: CVOC Concentrations at MW-5A/MW-5R

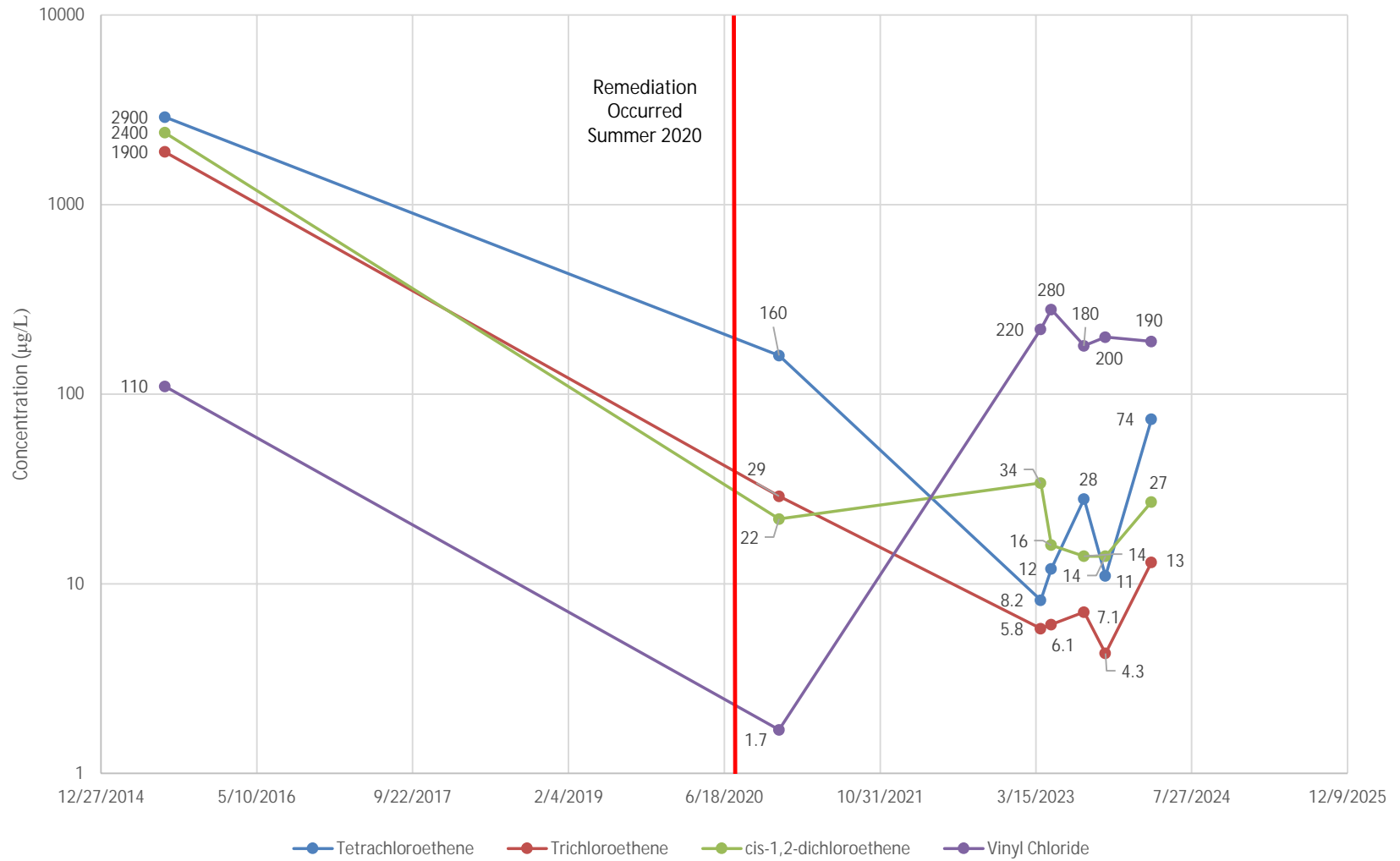


Figure 8: CVOC Concentrations at MW-6A/MW-6R

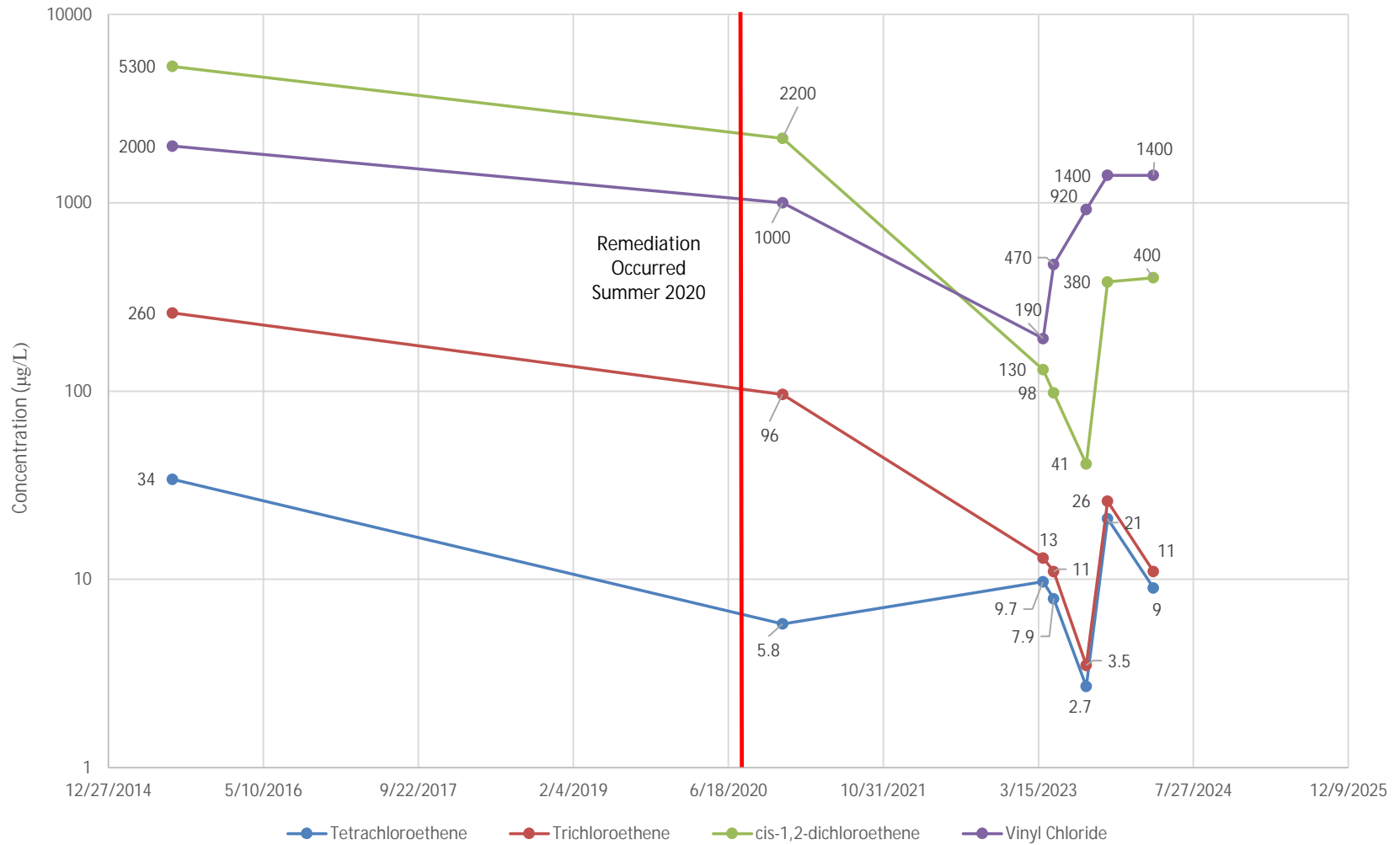
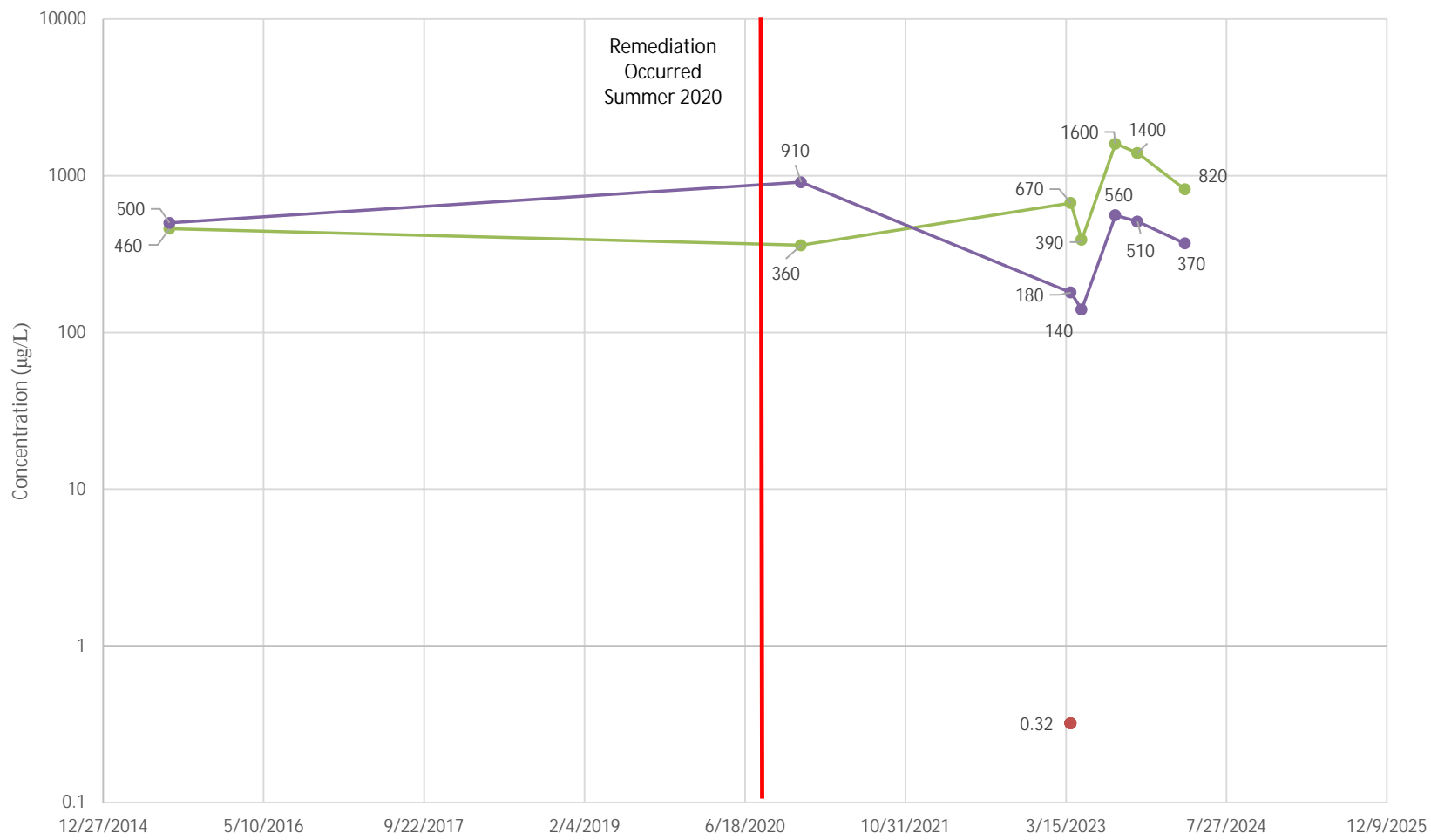


Figure 9: CVOC Concentrations at MW-7A/MW-7R



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

● Tetrachloroethene
 ● Trichloroethene
 ● cis-1,2-dichloroethene
 ● Vinyl Chloride

Figure 10: Trend of Sulfate

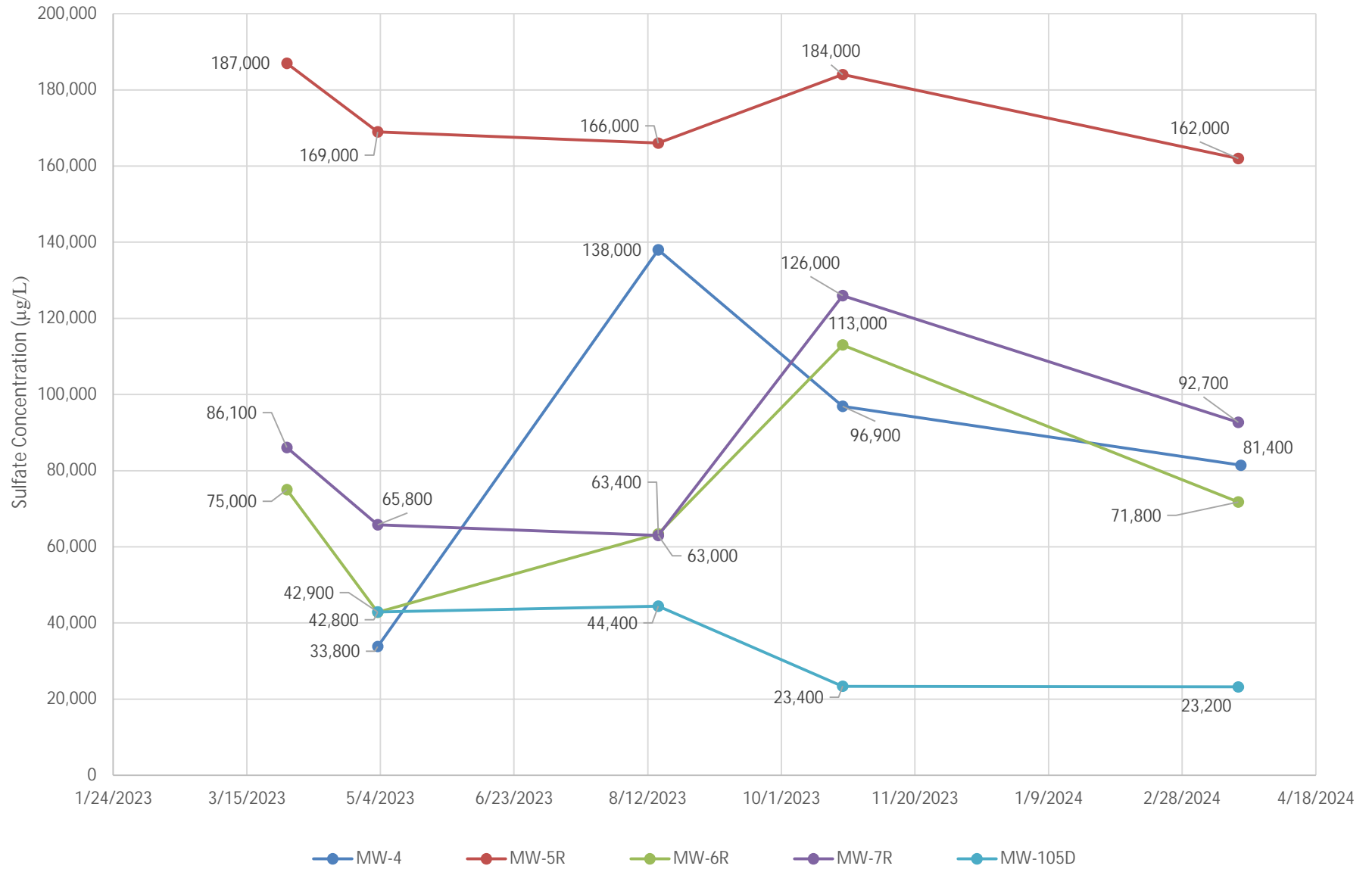
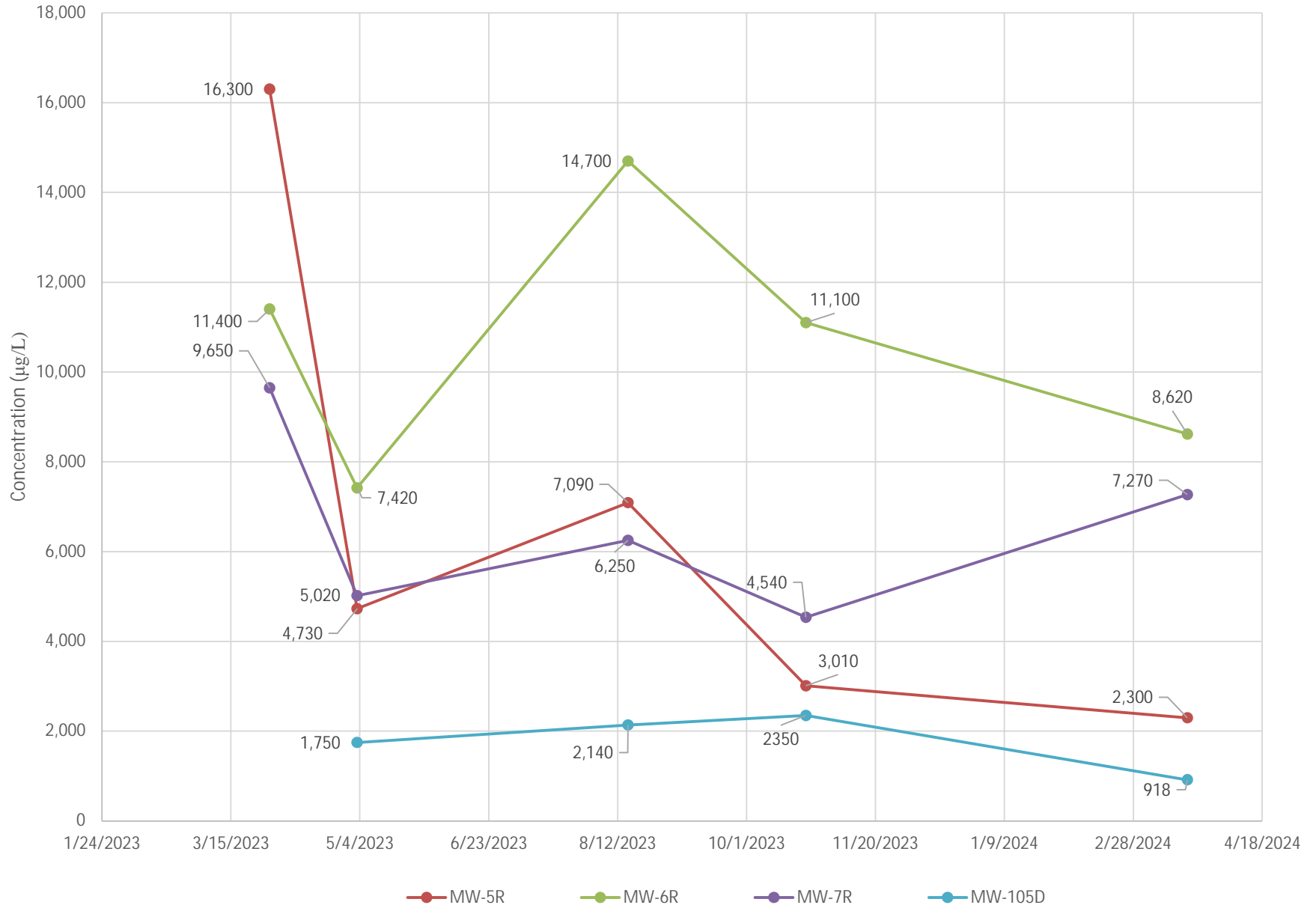


Figure 11: Trend of Iron



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

Figure 12: Trend of Methane

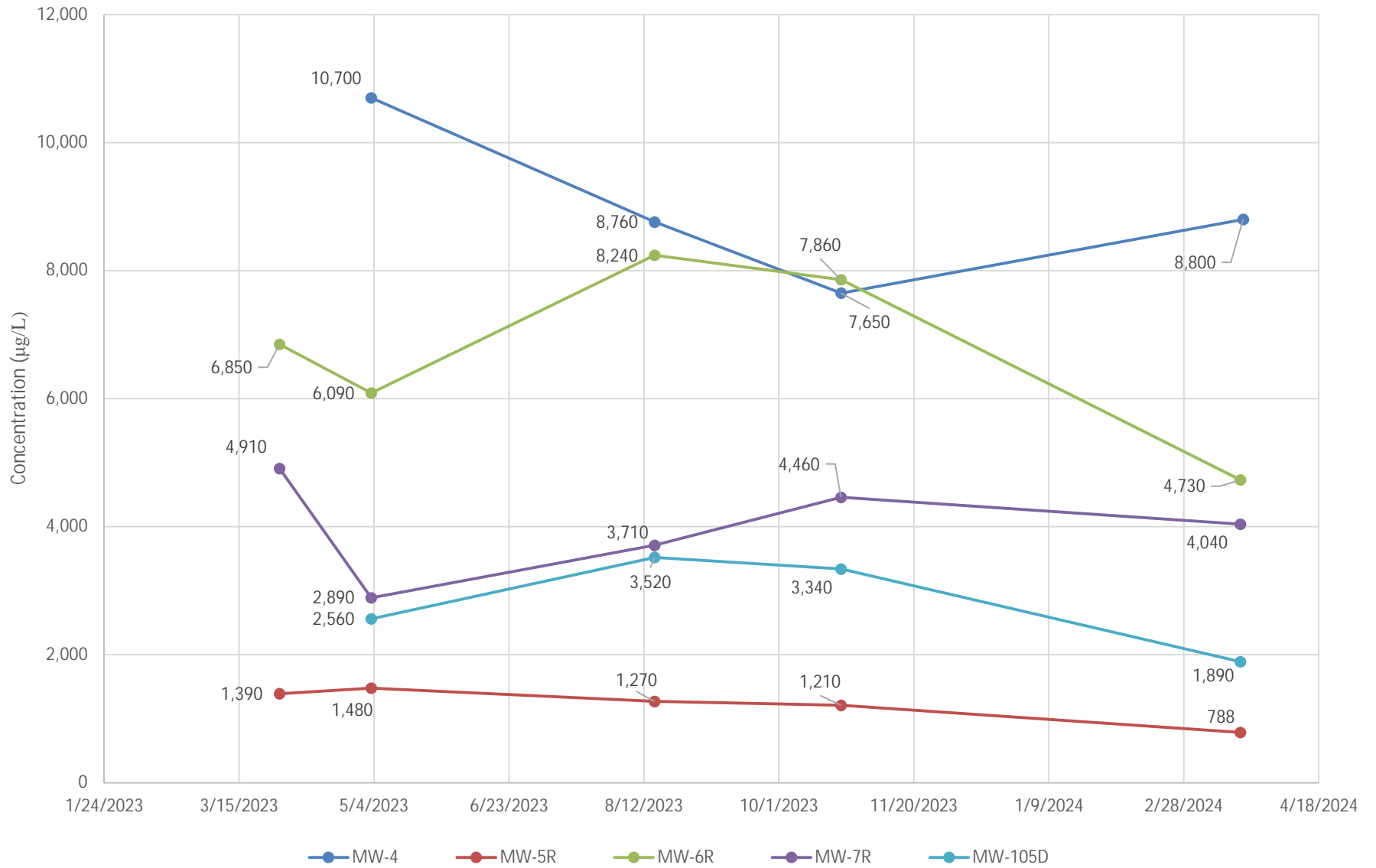


Figure 13: Trend of Chloride

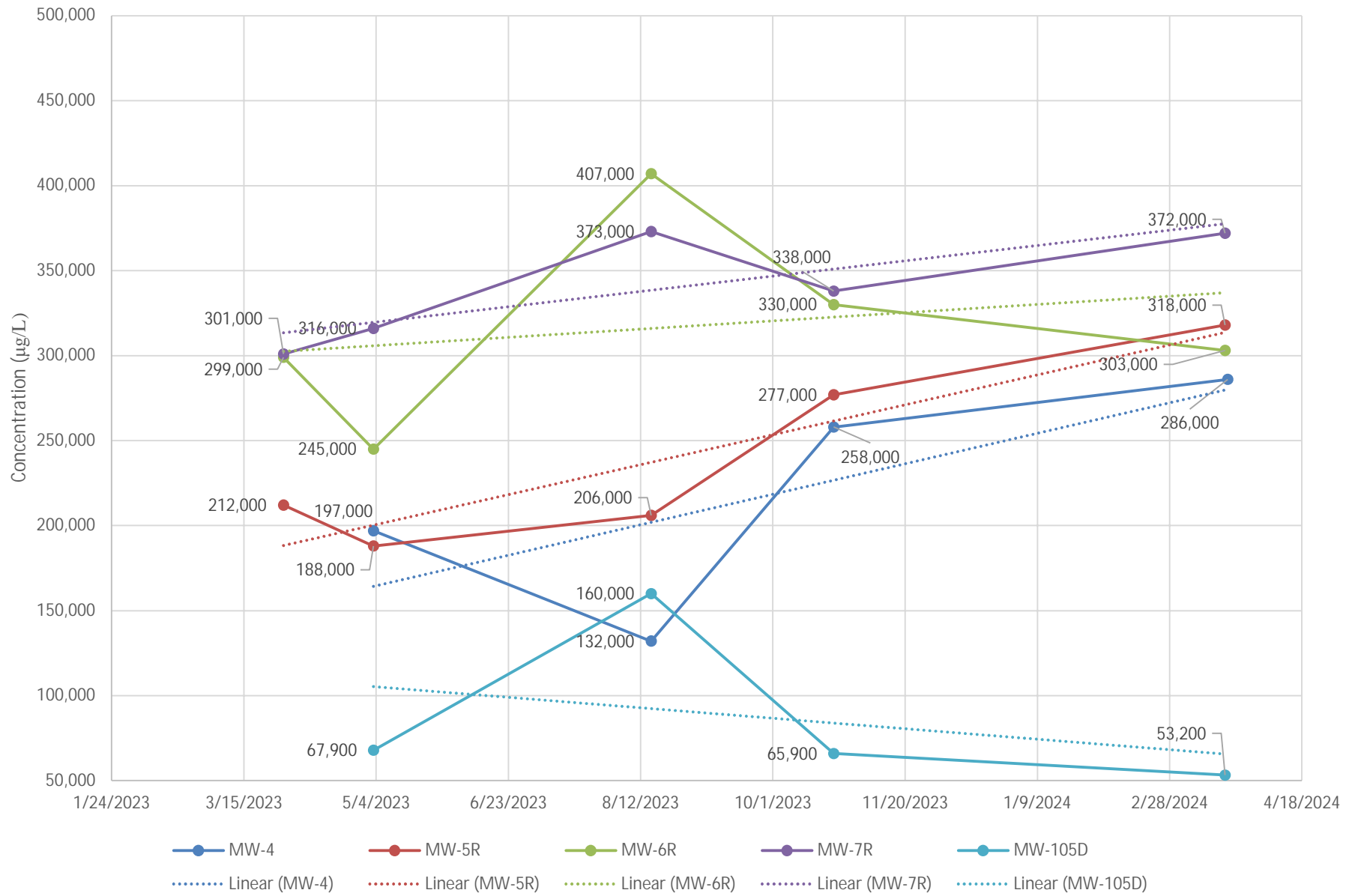
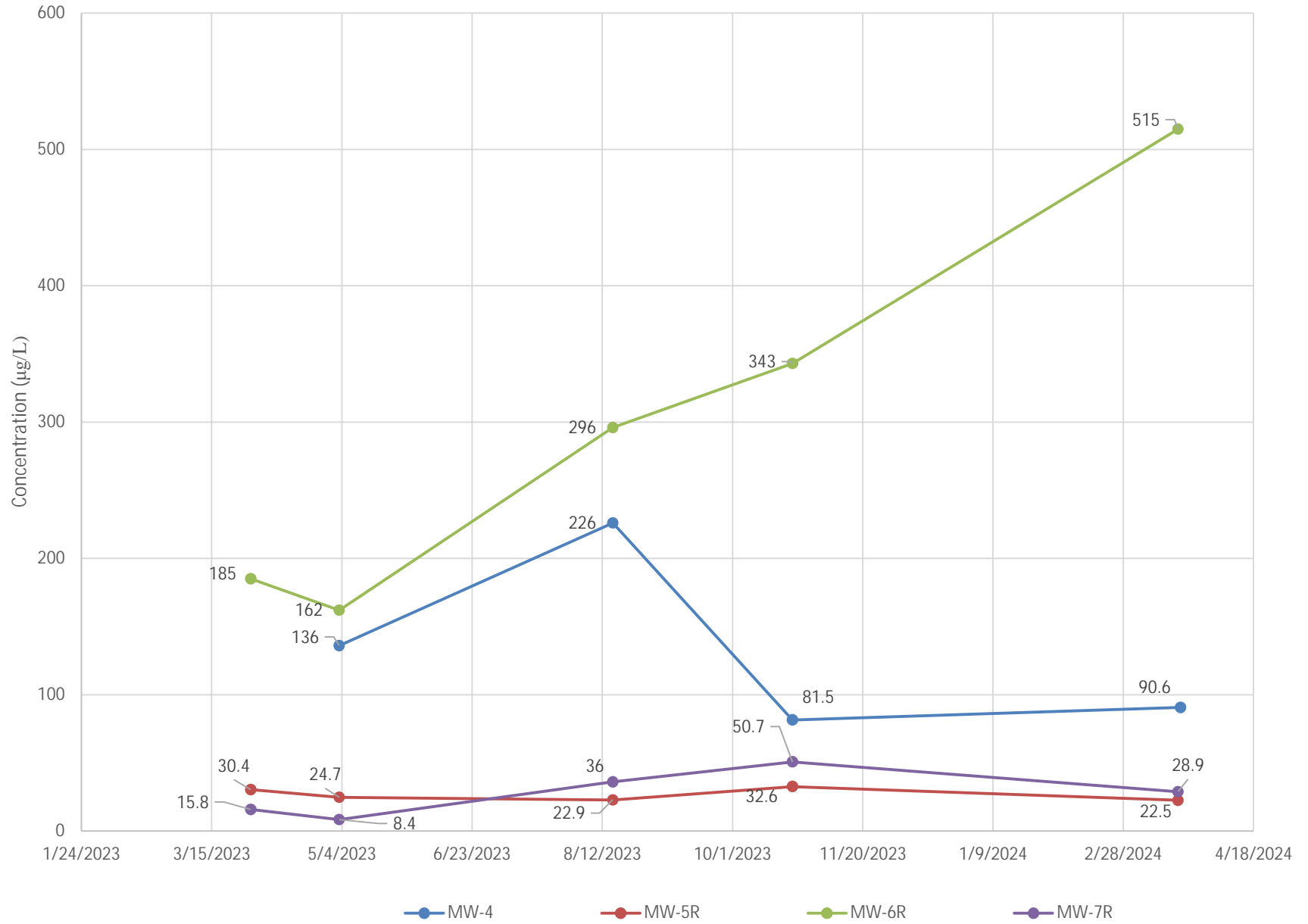


Figure 14: Trend of Ethene



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	
Site No.	C734144		
Site Name Former Coyne Textile			
Site Address: 140 Cortland Avenue		Zip Code: 13202	
City/Town: Syracuse			
County: Onondaga			
Site Acreage: 3.255 3.262			
Reporting Period: April 28, 2023 to April 28, 2024			
		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"/>
If you answered YES to questions 2 thru 4, include documentation or evidence that documentation has been previously submitted with this certification form.			
5. Is the site currently undergoing development?		<input type="checkbox"/>	<input checked="" type="checkbox"/>
		Box 2	
		YES	NO
6. Is the current site use consistent with the use(s) listed below? Commercial and Industrial		<input checked="" type="checkbox"/>	<input type="checkbox"/>
7. Are all ICs in place and functioning as designed?		<input checked="" type="checkbox"/>	<input type="checkbox"/>
IF THE ANSWER TO EITHER QUESTION 6 OR 7 IS NO, sign and date below and DO NOT COMPLETE THE REST OF THIS FORM. Otherwise continue.			
A Corrective Measures Work Plan must be submitted along with this form to address these issues.			
_____ Signature of Owner, Remedial Party or Designated Representative		_____ Date	

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>
094.-05-06.0	Vapor Mitigation Cover System Monitoring Wells
- Cover System - Vapor Mitigation Systems	
094.-20-01.0	Vapor Mitigation Cover System Monitoring Wells
- Cover System - Vapor Mitigation Systems	
094.-20-02.0	Vapor Mitigation Cover System Monitoring Wells
- Cover System - Vapor Mitigation Systems	
28,500sqft of South Clinton St	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 PO Box 580, Syracuse, NY 13205
print name print business address

am certifying as Owner (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

5/31/2024
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 Samantha J. Miller at 300 S. State St. Suite 600, Syracuse, NY 13202
print name print business address

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

Samantha J. Miller

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



Stamp
(Required for PE)

May 28, 2024

Date

APPENDIX B

Sub-Slab Depressurization System Inspection Form





SUB-SLAB DEPRESSURIZATION SYSTEM CHECKLIST

Report No. SSDS-02
Date: 1-10-2024 Time: 0815

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

Inspector(s): Karin Ehmann Project No. 059294
Andrew Hodgens Weather: overcast
Type of Inspection: Routine Post Severe Condition Temp.: Hi 48°F Low 31°F

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"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
There is no excessive noise emanating from the blower.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
There is no excessive vibration emanating from the blower.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
The blower unit is not excessively hot to the touch.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
The blower unit housing is clean and in good condition.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
The fan is mounted securely.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
Roof stands positioned correctly and in good condition.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
Coupling connections are secure.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
Seals around exhaust stack/conduit properly sealed.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
Condensate lines are functioning properly, if present.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	NA
Screen cap on exhaust point present and free of obstructions.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
Fan ID labels are present and legible.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1a
No new openings or intakes installed within 10-feet of the exhaust discharge point.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
Blower runs when switch in "on" position.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
Blower stops when switch in "off" position.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<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"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
No gurgling or indication system is drawing water or excessive moisture.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<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"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
Suction points are completely sealed at the slab penetration.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	no suction points



SUB-SLAB DEPRESSURIZATION SYSTEM CHECKLIST

Report No. <i>SSDS-02</i>
Date: <i>1-10-2024</i> Time: <i>0815</i>

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"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
All electrical disconnects/switches tested and functional.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
All electrical connections appear secure.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
Junction boxes are closed.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
Conduits properly supported and have no visible evidence of damage.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
Electric sub-meters, if present, are in good condition.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	N/A
SSDS breakers are identified in electrical panel.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
Audible alarm sounds when blower power is disconnected, and pressure falls below alarm set point.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
Audible alarm and associated tubing in good condition.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
Pressure gauge and associated tubing in good condition.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
All stacks, alarms and pressure gauges are properly labelled, and labels are legible.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<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"/>	<i>PMP covers missing on PMP-9 and PMP-10</i>
PVC risers undamaged.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
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"/>	<i>Screw cap missing on PMP-4</i>
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>SSDS-02</i>
Date: <i>1-10-2024</i> Time: <i>0815</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 ₂ O)	CURRENT PRESSURE (INCHES H ₂ O)
F-1		<i>1.65</i>
F-2		<i>1.5</i>
F-3		<i>1.5</i>
F-4		<i>1.45</i>
F-5		<i>1.35</i>

PRESSURE MONITORING PORT PRESSURES

PRESSURE MONITORING PORT ID	BASELINE PRESSURE (INCHES H ₂ O)	CURRENT PRESSURE (INCHES H ₂ O)
PMP-01	<i>require -0.004</i> ↓	<i>-0.064</i>
PMP-02		<i>-0.020</i>
PMP-03		<i>-0.011</i>
PMP-04		<i>-0.232</i>
PMP-05		<i>-0.111</i>
PMP-06		<i>Unable to access</i>
PMP-07		<i>-0.032</i>
PMP-08		<i>-0.229</i>
PMP-09		<i>-0.265</i>
PMP-10		<i>or -0.188</i>
PMP-11		<i>-0.280</i>
PMP-12		<i>Unable to access</i>
PMP-13		<i>-0.110</i>
PMP-14		<i>-0.004</i>



SUB-SLAB DEPRESSURIZATION SYSTEM CHECKLIST

Report No.	
Date:	Time:

ADDITIONAL NOTES/CORRECTIVE ACTIONS

Signature:

Total Inspection Time:

APPENDIX C

Air Sampling Laboratory Report





ANALYTICAL REPORT

Lab Number:	L2402331
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 AIR SAMPLING
Project Number:	059294.001.0005235
Report Date:	01/25/24

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320 Forbes Boulevard, Mansfield, MA 02048-1806
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Project Name: JMA AIR SAMPLING
Project Number: 059294.001.0005235

Lab Number: L2402331
Report Date: 01/25/24

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2402331-01	IA-01-20240113	AIR	SYRACUSE, NY	01/13/24 15:45	01/15/24
L2402331-02	IA-02-20240113	AIR	SYRACUSE, NY	01/13/24 13:37	01/15/24
L2402331-03	OA-01-20240113	AIR	SYRACUSE, NY	01/13/24 15:38	01/15/24

Project Name: JMA AIR SAMPLING
Project Number: 059294.001.0005235

Lab Number: L2402331
Report Date: 01/25/24

Case Narrative

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

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

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

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

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

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

Project Name: JMA AIR SAMPLING
Project Number: 059294.001.0005235

Lab Number: L2402331
Report Date: 01/25/24

Case Narrative (continued)

Volatile Organics in Air

Canisters were released from the laboratory on January 9, 2024. The canister certification data is provided as an addendum.

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

Authorized Signature:  Christopher J. Anderson

Title: Technical Director/Representative

Date: 01/25/24

AIR

Project Name: JMA AIR SAMPLING**Lab Number:** L2402331**Project Number:** 059294.001.0005235**Report Date:** 01/25/24**SAMPLE RESULTS**

Lab ID: L2402331-01
 Client ID: IA-01-20240113
 Sample Location: SYRACUSE, NY

Date Collected: 01/13/24 15:45
 Date Received: 01/15/24
 Field Prep: Not Specified

Sample Depth:
 Matrix: Air
 Analytical Method: 48,TO-15
 Analytical Date: 01/23/24 16:34
 Analyst: BJB

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
Dichlorodifluoromethane	0.480	0.200	--	2.37	0.989	--		1
Chloromethane	0.645	0.200	--	1.33	0.413	--		1
Freon-114	ND	0.200	--	ND	1.40	--		1
1,3-Butadiene	ND	0.200	--	ND	0.442	--		1
Bromomethane	ND	0.200	--	ND	0.777	--		1
Chloroethane	ND	0.200	--	ND	0.528	--		1
Ethanol	107	5.00	--	202	9.42	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acetone	17.0	1.00	--	40.4	2.38	--		1
Trichlorofluoromethane	0.231	0.200	--	1.30	1.12	--		1
Isopropanol	15.9	0.500	--	39.1	1.23	--		1
Tertiary butyl Alcohol	ND	0.500	--	ND	1.52	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
Carbon disulfide	ND	0.200	--	ND	0.623	--		1
Freon-113	ND	0.200	--	ND	1.53	--		1
trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
1,1-Dichloroethane	ND	0.200	--	ND	0.809	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
2-Butanone	0.687	0.500	--	2.03	1.47	--		1
Ethyl Acetate	ND	0.500	--	ND	1.80	--		1
Chloroform	ND	0.200	--	ND	0.977	--		1
Tetrahydrofuran	0.983	0.500	--	2.90	1.47	--		1



Project Name: JMA AIR SAMPLING
Project Number: 059294.001.0005235

Lab Number: L2402331
Report Date: 01/25/24

SAMPLE RESULTS

Lab ID: L2402331-01
 Client ID: IA-01-20240113
 Sample Location: SYRACUSE, NY

Date Collected: 01/13/24 15:45
 Date Received: 01/15/24
 Field Prep: Not Specified

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
n-Hexane	0.277	0.200	--	0.976	0.705	--		1
Benzene	ND	0.200	--	ND	0.639	--		1
Cyclohexane	ND	0.200	--	ND	0.688	--		1
1,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
Bromodichloromethane	ND	0.200	--	ND	1.34	--		1
1,4-Dioxane	ND	0.200	--	ND	0.721	--		1
2,2,4-Trimethylpentane	ND	0.200	--	ND	0.934	--		1
Heptane	ND	0.200	--	ND	0.820	--		1
cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Toluene	0.446	0.200	--	1.68	0.754	--		1
2-Hexanone	ND	0.200	--	ND	0.820	--		1
Dibromochloromethane	ND	0.200	--	ND	1.70	--		1
1,2-Dibromoethane	ND	0.200	--	ND	1.54	--		1
Chlorobenzene	ND	0.200	--	ND	0.921	--		1
Ethylbenzene	ND	0.200	--	ND	0.869	--		1
p/m-Xylene	ND	0.400	--	ND	1.74	--		1
Bromoform	ND	0.200	--	ND	2.07	--		1
Styrene	0.346	0.200	--	1.47	0.852	--		1
1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
o-Xylene	ND	0.200	--	ND	0.869	--		1
4-Ethyltoluene	ND	0.200	--	ND	0.983	--		1
1,3,5-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1



Project Name: JMA AIR SAMPLING
Project Number: 059294.001.0005235

Lab Number: L2402331
Report Date: 01/25/24

SAMPLE RESULTS

Lab ID: L2402331-01
 Client ID: IA-01-20240113
 Sample Location: SYRACUSE, NY

Date Collected: 01/13/24 15:45
 Date Received: 01/15/24
 Field Prep: Not Specified

Sample Depth:

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

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



Project Name: JMA AIR SAMPLING
Project Number: 059294.001.0005235

Lab Number: L2402331
Report Date: 01/25/24

SAMPLE RESULTS

Lab ID: L2402331-01
 Client ID: IA-01-20240113
 Sample Location: SYRACUSE, NY

Date Collected: 01/13/24 15:45
 Date Received: 01/15/24
 Field Prep: Not Specified

Sample Depth:
 Matrix: Air
 Analytical Method: 48,TO-15-SIM
 Analytical Date: 01/23/24 16:34
 Analyst: BJB

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air by SIM - Mansfield Lab								
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1,1-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Carbon tetrachloride	0.072	0.020	--	0.453	0.126	--		1
Trichloroethene	ND	0.020	--	ND	0.107	--		1
Tetrachloroethene	ND	0.020	--	ND	0.136	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-difluorobenzene	90		60-140
bromochloromethane	95		60-140
chlorobenzene-d5	93		60-140



Project Name: JMA AIR SAMPLING**Lab Number:** L2402331**Project Number:** 059294.001.0005235**Report Date:** 01/25/24**SAMPLE RESULTS**

Lab ID: L2402331-02
 Client ID: IA-02-20240113
 Sample Location: SYRACUSE, NY

Date Collected: 01/13/24 13:37
 Date Received: 01/15/24
 Field Prep: Not Specified

Sample Depth:
 Matrix: Air
 Analytical Method: 48,TO-15
 Analytical Date: 01/23/24 17:13
 Analyst: BJB

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
Dichlorodifluoromethane	0.487	0.200	--	2.41	0.989	--		1
Chloromethane	0.608	0.200	--	1.26	0.413	--		1
Freon-114	ND	0.200	--	ND	1.40	--		1
1,3-Butadiene	ND	0.200	--	ND	0.442	--		1
Bromomethane	ND	0.200	--	ND	0.777	--		1
Chloroethane	ND	0.200	--	ND	0.528	--		1
Ethanol	7.40	5.00	--	13.9	9.42	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acetone	15.1	1.00	--	35.9	2.38	--		1
Trichlorofluoromethane	0.232	0.200	--	1.30	1.12	--		1
Isopropanol	72.0	0.500	--	177	1.23	--		1
Tertiary butyl Alcohol	ND	0.500	--	ND	1.52	--		1
Methylene chloride	0.558	0.500	--	1.94	1.74	--		1
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
Carbon disulfide	ND	0.200	--	ND	0.623	--		1
Freon-113	ND	0.200	--	ND	1.53	--		1
trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
1,1-Dichloroethane	ND	0.200	--	ND	0.809	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
Ethyl Acetate	ND	0.500	--	ND	1.80	--		1
Chloroform	ND	0.200	--	ND	0.977	--		1
Tetrahydrofuran	0.524	0.500	--	1.55	1.47	--		1



Project Name: JMA AIR SAMPLING
Project Number: 059294.001.0005235

Lab Number: L2402331
Report Date: 01/25/24

SAMPLE RESULTS

Lab ID: L2402331-02
 Client ID: IA-02-20240113
 Sample Location: SYRACUSE, NY

Date Collected: 01/13/24 13:37
 Date Received: 01/15/24
 Field Prep: Not Specified

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
n-Hexane	ND	0.200	--	ND	0.705	--		1
Benzene	ND	0.200	--	ND	0.639	--		1
Cyclohexane	ND	0.200	--	ND	0.688	--		1
1,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
Bromodichloromethane	ND	0.200	--	ND	1.34	--		1
1,4-Dioxane	ND	0.200	--	ND	0.721	--		1
2,2,4-Trimethylpentane	ND	0.200	--	ND	0.934	--		1
Heptane	ND	0.200	--	ND	0.820	--		1
cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Toluene	ND	0.200	--	ND	0.754	--		1
2-Hexanone	ND	0.200	--	ND	0.820	--		1
Dibromochloromethane	ND	0.200	--	ND	1.70	--		1
1,2-Dibromoethane	ND	0.200	--	ND	1.54	--		1
Chlorobenzene	ND	0.200	--	ND	0.921	--		1
Ethylbenzene	ND	0.200	--	ND	0.869	--		1
p/m-Xylene	ND	0.400	--	ND	1.74	--		1
Bromoform	ND	0.200	--	ND	2.07	--		1
Styrene	0.443	0.200	--	1.89	0.852	--		1
1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
o-Xylene	ND	0.200	--	ND	0.869	--		1
4-Ethyltoluene	ND	0.200	--	ND	0.983	--		1
1,3,5-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1



Project Name: JMA AIR SAMPLING**Lab Number:** L2402331**Project Number:** 059294.001.0005235**Report Date:** 01/25/24**SAMPLE RESULTS**

Lab ID: L2402331-02
 Client ID: IA-02-20240113
 Sample Location: SYRACUSE, NY

Date Collected: 01/13/24 13:37
 Date Received: 01/15/24
 Field Prep: Not Specified

Sample Depth:

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

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	93		60-140
Bromochloromethane	93		60-140
chlorobenzene-d5	95		60-140



Project Name: JMA AIR SAMPLING
Project Number: 059294.001.0005235

Lab Number: L2402331
Report Date: 01/25/24

SAMPLE RESULTS

Lab ID: L2402331-02
 Client ID: IA-02-20240113
 Sample Location: SYRACUSE, NY

Date Collected: 01/13/24 13:37
 Date Received: 01/15/24
 Field Prep: Not Specified

Sample Depth:
 Matrix: Air
 Analytical Method: 48,TO-15-SIM
 Analytical Date: 01/23/24 17:13
 Analyst: BJB

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air by SIM - Mansfield Lab								
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1,1-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Carbon tetrachloride	0.072	0.020	--	0.453	0.126	--		1
Trichloroethene	ND	0.020	--	ND	0.107	--		1
Tetrachloroethene	ND	0.020	--	ND	0.136	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-difluorobenzene	90		60-140
bromochloromethane	95		60-140
chlorobenzene-d5	95		60-140



Project Name: JMA AIR SAMPLING**Lab Number:** L2402331**Project Number:** 059294.001.0005235**Report Date:** 01/25/24**SAMPLE RESULTS**

Lab ID: L2402331-03
 Client ID: OA-01-20240113
 Sample Location: SYRACUSE, NY

Date Collected: 01/13/24 15:38
 Date Received: 01/15/24
 Field Prep: Not Specified

Sample Depth:
 Matrix: Air
 Analytical Method: 48,TO-15
 Analytical Date: 01/23/24 17:52
 Analyst: BJB

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
Dichlorodifluoromethane	0.476	0.200	--	2.35	0.989	--		1
Chloromethane	0.579	0.200	--	1.20	0.413	--		1
Freon-114	ND	0.200	--	ND	1.40	--		1
1,3-Butadiene	ND	0.200	--	ND	0.442	--		1
Bromomethane	ND	0.200	--	ND	0.777	--		1
Chloroethane	ND	0.200	--	ND	0.528	--		1
Ethanol	ND	5.00	--	ND	9.42	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acetone	1.48	1.00	--	3.52	2.38	--		1
Trichlorofluoromethane	0.231	0.200	--	1.30	1.12	--		1
Isopropanol	ND	0.500	--	ND	1.23	--		1
Tertiary butyl Alcohol	ND	0.500	--	ND	1.52	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
Carbon disulfide	ND	0.200	--	ND	0.623	--		1
Freon-113	ND	0.200	--	ND	1.53	--		1
trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
1,1-Dichloroethane	ND	0.200	--	ND	0.809	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
Ethyl Acetate	ND	0.500	--	ND	1.80	--		1
Chloroform	ND	0.200	--	ND	0.977	--		1
Tetrahydrofuran	0.537	0.500	--	1.58	1.47	--		1



Project Name: JMA AIR SAMPLING
Project Number: 059294.001.0005235

Lab Number: L2402331
Report Date: 01/25/24

SAMPLE RESULTS

Lab ID: L2402331-03
 Client ID: OA-01-20240113
 Sample Location: SYRACUSE, NY

Date Collected: 01/13/24 15:38
 Date Received: 01/15/24
 Field Prep: Not Specified

Sample Depth:

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



Project Name: JMA AIR SAMPLING**Lab Number:** L2402331**Project Number:** 059294.001.0005235**Report Date:** 01/25/24**SAMPLE RESULTS**

Lab ID: L2402331-03
 Client ID: OA-01-20240113
 Sample Location: SYRACUSE, NY

Date Collected: 01/13/24 15:38
 Date Received: 01/15/24
 Field Prep: Not Specified

Sample Depth:

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

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	91		60-140
Bromochloromethane	93		60-140
chlorobenzene-d5	96		60-140



Project Name: JMA AIR SAMPLING
Project Number: 059294.001.0005235

Lab Number: L2402331
Report Date: 01/25/24

SAMPLE RESULTS

Lab ID: L2402331-03
 Client ID: OA-01-20240113
 Sample Location: SYRACUSE, NY

Date Collected: 01/13/24 15:38
 Date Received: 01/15/24
 Field Prep: Not Specified

Sample Depth:
 Matrix: Air
 Analytical Method: 48,TO-15-SIM
 Analytical Date: 01/23/24 17:52
 Analyst: BJB

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

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-difluorobenzene	89		60-140
bromochloromethane	95		60-140
chlorobenzene-d5	95		60-140



Project Name: JMA AIR SAMPLING

Lab Number: L2402331

Project Number: 059294.001.0005235

Report Date: 01/25/24

Method Blank Analysis Batch Quality Control

Analytical Method: 48,TO-15

Analytical Date: 01/23/24 13:57

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab for sample(s): 01-03 Batch: WG1877367-4								
Dichlorodifluoromethane	ND	0.200	--	ND	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
Freon-114	ND	0.200	--	ND	1.40	--		1
Vinyl chloride	ND	0.200	--	ND	0.511	--		1
1,3-Butadiene	ND	0.200	--	ND	0.442	--		1
Bromomethane	ND	0.200	--	ND	0.777	--		1
Chloroethane	ND	0.200	--	ND	0.528	--		1
Ethanol	ND	5.00	--	ND	9.42	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acetone	ND	1.00	--	ND	2.38	--		1
Trichlorofluoromethane	ND	0.200	--	ND	1.12	--		1
Isopropanol	ND	0.500	--	ND	1.23	--		1
1,1-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Tertiary butyl Alcohol	ND	0.500	--	ND	1.52	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
Carbon disulfide	ND	0.200	--	ND	0.623	--		1
Freon-113	ND	0.200	--	ND	1.53	--		1
trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
1,1-Dichloroethane	ND	0.200	--	ND	0.809	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
cis-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Ethyl Acetate	ND	0.500	--	ND	1.80	--		1
Chloroform	ND	0.200	--	ND	0.977	--		1



Project Name: JMA AIR SAMPLING

Lab Number: L2402331

Project Number: 059294.001.0005235

Report Date: 01/25/24

Method Blank Analysis Batch Quality Control

Analytical Method: 48,TO-15

Analytical Date: 01/23/24 13:57

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab for sample(s): 01-03 Batch: WG1877367-4								
Tetrahydrofuran	ND	0.500	--	ND	1.47	--		1
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
n-Hexane	ND	0.200	--	ND	0.705	--		1
1,1,1-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Benzene	ND	0.200	--	ND	0.639	--		1
Carbon tetrachloride	ND	0.200	--	ND	1.26	--		1
Cyclohexane	ND	0.200	--	ND	0.688	--		1
1,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
Bromodichloromethane	ND	0.200	--	ND	1.34	--		1
1,4-Dioxane	ND	0.200	--	ND	0.721	--		1
Trichloroethene	ND	0.200	--	ND	1.07	--		1
2,2,4-Trimethylpentane	ND	0.200	--	ND	0.934	--		1
Heptane	ND	0.200	--	ND	0.820	--		1
cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Toluene	ND	0.200	--	ND	0.754	--		1
2-Hexanone	ND	0.200	--	ND	0.820	--		1
Dibromochloromethane	ND	0.200	--	ND	1.70	--		1
1,2-Dibromoethane	ND	0.200	--	ND	1.54	--		1
Tetrachloroethene	ND	0.200	--	ND	1.36	--		1
Chlorobenzene	ND	0.200	--	ND	0.921	--		1
Ethylbenzene	ND	0.200	--	ND	0.869	--		1
p/m-Xylene	ND	0.400	--	ND	1.74	--		1



Project Name: JMA AIR SAMPLING

Lab Number: L2402331

Project Number: 059294.001.0005235

Report Date: 01/25/24

Method Blank Analysis Batch Quality Control

Analytical Method: 48,TO-15

Analytical Date: 01/23/24 13:57

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab for sample(s): 01-03 Batch: WG1877367-4								
Bromoform	ND	0.200	--	ND	2.07	--		1
Styrene	ND	0.200	--	ND	0.852	--		1
1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
o-Xylene	ND	0.200	--	ND	0.869	--		1
4-Ethyltoluene	ND	0.200	--	ND	0.983	--		1
1,3,5-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
1,2,4-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1



Project Name: JMA AIR SAMPLING

Lab Number: L2402331

Project Number: 059294.001.0005235

Report Date: 01/25/24

Method Blank Analysis Batch Quality Control

Analytical Method: 48,TO-15-SIM

Analytical Date: 01/23/24 14:36

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air by SIM - Mansfield Lab for sample(s): 01-03 Batch: WG1877368-4								
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1,1-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Carbon tetrachloride	ND	0.020	--	ND	0.126	--		1
Trichloroethene	ND	0.020	--	ND	0.107	--		1
Tetrachloroethene	ND	0.020	--	ND	0.136	--		1



Lab Control Sample Analysis

Batch Quality Control

Project Name: JMA AIR SAMPLING

Project Number: 059294.001.0005235

Lab Number: L2402331

Report Date: 01/25/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 01-03 Batch: WG1877367-3								
Dichlorodifluoromethane	85		-		70-130	-		
Chloromethane	91		-		70-130	-		
Freon-114	100		-		70-130	-		
Vinyl chloride	95		-		70-130	-		
1,3-Butadiene	100		-		70-130	-		
Bromomethane	95		-		70-130	-		
Chloroethane	99		-		70-130	-		
Ethanol	107		-		40-160	-		
Vinyl bromide	100		-		70-130	-		
Acetone	112		-		40-160	-		
Trichlorofluoromethane	105		-		70-130	-		
Isopropanol	93		-		40-160	-		
1,1-Dichloroethene	99		-		70-130	-		
Tertiary butyl Alcohol	92		-		70-130	-		
Methylene chloride	95		-		70-130	-		
3-Chloropropene	106		-		70-130	-		
Carbon disulfide	90		-		70-130	-		
Freon-113	94		-		70-130	-		
trans-1,2-Dichloroethene	97		-		70-130	-		
1,1-Dichloroethane	93		-		70-130	-		
Methyl tert butyl ether	91		-		70-130	-		
2-Butanone	101		-		70-130	-		
cis-1,2-Dichloroethene	96		-		70-130	-		

Lab Control Sample Analysis

Batch Quality Control

Project Name: JMA AIR SAMPLING
Project Number: 059294.001.0005235

Lab Number: L2402331
Report Date: 01/25/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 01-03 Batch: WG1877367-3								
Ethyl Acetate	100		-		70-130	-		
Chloroform	88		-		70-130	-		
Tetrahydrofuran	98		-		70-130	-		
1,2-Dichloroethane	99		-		70-130	-		
n-Hexane	114		-		70-130	-		
1,1,1-Trichloroethane	105		-		70-130	-		
Benzene	94		-		70-130	-		
Carbon tetrachloride	103		-		70-130	-		
Cyclohexane	111		-		70-130	-		
1,2-Dichloropropane	101		-		70-130	-		
Bromodichloromethane	111		-		70-130	-		
1,4-Dioxane	103		-		70-130	-		
Trichloroethene	93		-		70-130	-		
2,2,4-Trimethylpentane	114		-		70-130	-		
Heptane	116		-		70-130	-		
cis-1,3-Dichloropropene	98		-		70-130	-		
4-Methyl-2-pentanone	116		-		70-130	-		
trans-1,3-Dichloropropene	98		-		70-130	-		
1,1,2-Trichloroethane	98		-		70-130	-		
Toluene	86		-		70-130	-		
2-Hexanone	103		-		70-130	-		
Dibromochloromethane	102		-		70-130	-		
1,2-Dibromoethane	85		-		70-130	-		

Lab Control Sample Analysis

Batch Quality Control

Project Name: JMA AIR SAMPLING

Project Number: 059294.001.0005235

Lab Number: L2402331

Report Date: 01/25/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 01-03 Batch: WG1877367-3								
Tetrachloroethene	77		-		70-130	-		
Chlorobenzene	82		-		70-130	-		
Ethylbenzene	86		-		70-130	-		
p/m-Xylene	90		-		70-130	-		
Bromoform	98		-		70-130	-		
Styrene	83		-		70-130	-		
1,1,2,2-Tetrachloroethane	90		-		70-130	-		
o-Xylene	94		-		70-130	-		
4-Ethyltoluene	92		-		70-130	-		
1,3,5-Trimethylbenzene	94		-		70-130	-		
1,2,4-Trimethylbenzene	92		-		70-130	-		
Benzyl chloride	93		-		70-130	-		
1,3-Dichlorobenzene	84		-		70-130	-		
1,4-Dichlorobenzene	84		-		70-130	-		
1,2-Dichlorobenzene	83		-		70-130	-		
1,2,4-Trichlorobenzene	73		-		70-130	-		
Hexachlorobutadiene	72		-		70-130	-		

Lab Control Sample Analysis

Batch Quality Control

Project Name: JMA AIR SAMPLING

Project Number: 059294.001.0005235

Lab Number: L2402331

Report Date: 01/25/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics in Air by SIM - Mansfield Lab Associated sample(s): 01-03 Batch: WG1877368-3								
Vinyl chloride	100		-		70-130	-		25
1,1-Dichloroethene	100		-		70-130	-		25
cis-1,2-Dichloroethene	95		-		70-130	-		25
1,1,1-Trichloroethane	104		-		70-130	-		25
Carbon tetrachloride	101		-		70-130	-		25
Trichloroethene	93		-		70-130	-		25
Tetrachloroethene	77		-		70-130	-		25

Project Name: JMA AIR SAMPLING

Project Number: 059294.001.0005235

Serial_No:01252417:25
Lab Number: L2402331

Report Date: 01/25/24

Canister and Flow Controller Information

Samplenum	Client ID	Media ID	Media Type	Date Prepared	Bottle Order	Cleaning Batch ID	Can Leak Check	Initial Pressure (in. Hg)	Pressure on Receipt (in. Hg)	Flow Controller Leak Chk	Flow Out mL/min	Flow In mL/min	% RPD
L2402331-01	IA-01-20240113	02440	Flow 5	01/09/24	448839		-	-	-	Pass	4.5	4.7	4
L2402331-01	IA-01-20240113	3402	2.7L Can	01/09/24	448839	L2400729-10	Pass	-30.0	-6.4	-	-	-	-
L2402331-02	IA-02-20240113	01189	Flow 5	01/09/24	448839		-	-	-	Pass	4.5	4.2	7
L2402331-02	IA-02-20240113	142	2.7L Can	01/09/24	448839	L2400729-10	Pass	-30.0	-5.4	-	-	-	-
L2402331-03	OA-01-20240113	0482	Flow 5	01/09/24	448839		-	-	-	Pass	4.5	3.8	17
L2402331-03	OA-01-20240113	106	2.7L Can	01/09/24	448839	L2400729-10	Pass	-30.1	-5.1	-	-	-	-

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

Lab Number: L2400729
Report Date: 01/25/24

Air Canister Certification Results

Lab ID: L2400729-10
 Client ID: CAN 373 SHELF 9
 Sample Location:

Date Collected: 01/05/24 12:00
 Date Received: 01/05/24
 Field Prep: Not Specified

Sample Depth:
 Matrix: Air
 Analytical Method: 48,TO-15
 Analytical Date: 01/06/24 21:23
 Analyst: RAY

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



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

Lab Number: L2400729
Report Date: 01/25/24

Air Canister Certification Results

Lab ID: L2400729-10
 Client ID: CAN 373 SHELF 9
 Sample Location:

Date Collected: 01/05/24 12:00
 Date Received: 01/05/24
 Field Prep: Not Specified

Sample Depth:

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



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

Lab Number: L2400729
Report Date: 01/25/24

Air Canister Certification Results

Lab ID: L2400729-10
 Client ID: CAN 373 SHELF 9
 Sample Location:

Date Collected: 01/05/24 12:00
 Date Received: 01/05/24
 Field Prep: Not Specified

Sample Depth:

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



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

Lab Number: L2400729
Report Date: 01/25/24

Air Canister Certification Results

Lab ID: L2400729-10
 Client ID: CAN 373 SHELF 9
 Sample Location:

Date Collected: 01/05/24 12:00
 Date Received: 01/05/24
 Field Prep: Not Specified

Sample Depth:

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



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

Lab Number: L2400729
Report Date: 01/25/24

Air Canister Certification Results

Lab ID: L2400729-10
 Client ID: CAN 373 SHELF 9
 Sample Location:

Date Collected: 01/05/24 12:00
 Date Received: 01/05/24
 Field Prep: Not Specified

Sample Depth:

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

Results	Qualifier	Units	RDL	Dilution Factor
Tentatively Identified Compounds				

No Tentatively Identified Compounds

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



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

Lab Number: L2400729
Report Date: 01/25/24

Air Canister Certification Results

Lab ID: L2400729-10
 Client ID: CAN 373 SHELF 9
 Sample Location:

Date Collected: 01/05/24 12:00
 Date Received: 01/05/24
 Field Prep: Not Specified

Sample Depth:
 Matrix: Air
 Analytical Method: 48,TO-15-SIM
 Analytical Date: 01/06/24 21:23
 Analyst: RAY

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



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

Lab Number: L2400729
Report Date: 01/25/24

Air Canister Certification Results

Lab ID: L2400729-10
 Client ID: CAN 373 SHELF 9
 Sample Location:

Date Collected: 01/05/24 12:00
 Date Received: 01/05/24
 Field Prep: Not Specified

Sample Depth:

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



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

Lab Number: L2400729
Report Date: 01/25/24

Air Canister Certification Results

Lab ID: L2400729-10
 Client ID: CAN 373 SHELF 9
 Sample Location:

Date Collected: 01/05/24 12:00
 Date Received: 01/05/24
 Field Prep: Not Specified

Sample Depth:

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

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



Project Name: JMA AIR SAMPLING
Project Number: 059294.001.0005235

Serial_No:01252417:25
Lab Number: L2402331
Report Date: 01/25/24

Sample Receipt and Container Information

Were project specific reporting limits specified?

YES

Cooler Information

Cooler **Custody Seal**
 NA Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2402331-01A	Canister - 2.7 Liter	NA	NA			Y	Absent		TO15-LL(30),TO15-SIM(30)
L2402331-02A	Canister - 2.7 Liter	NA	NA			Y	Absent		TO15-SIM(30),TO15-LL(30)
L2402331-03A	Canister - 2.7 Liter	NA	NA			Y	Absent		TO15-LL(30),TO15-SIM(30)

*Values in parentheses indicate holding time in days



Project Name: JMA AIR SAMPLING
Project Number: 059294.001.0005235

Lab Number: L2402331
Report Date: 01/25/24

GLOSSARY

Acronyms

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

Report Format: Data Usability Report



Project Name: JMA AIR SAMPLING
Project Number: 059294.001.0005235

Lab Number: L2402331
Report Date: 01/25/24

Footnotes

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

Terms

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

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

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

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

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

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

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

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

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

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

Data Qualifiers

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

Report Format: Data Usability Report



Project Name: JMA AIR SAMPLING
Project Number: 059294.001.0005235

Lab Number: L2402331
Report Date: 01/25/24

Data Qualifiers

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

Project Name: JMA AIR SAMPLING
Project Number: 059294.001.0005235

Lab Number: L2402331
Report Date: 01/25/24

REFERENCES

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

LIMITATION OF LIABILITIES

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

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



Certification Information

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

Westborough Facility

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

EPA 625.1: alpha-Terpineol

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

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

SM4500: NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO₂, NO₃.

Mansfield Facility

SM 2540D: TSS.

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

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

Biological Tissue Matrix: EPA 3050B

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

Westborough Facility:

Drinking Water

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

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

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

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

Non-Potable Water

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

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

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

EPA 624.1: Volatile Halocarbons & Aromatics,

EPA 608.3: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs

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

Microbiology: SM9223B-Colilert-QT; Enterolert-QT, SM9221E, EPA 1600, EPA 1603, SM9222D.

Mansfield Facility:

Drinking Water

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

EPA 522, EPA 537.1.

Non-Potable Water

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

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

EPA 245.1 Hg.

SM2340B

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

ALPHA ANALYTICAL
CHAIN OF CUSTODY
 320 Forbes Blvd, Mansfield, MA 02048
 TEL: 508-822-9300 FAX: 508-822-3288

AIR ANALYSIS

PAGE 1 OF 1

Date Rec'd in Lab:

ALPHA Job #: L2402331

Client Information
 Client: CHA Consulting
 Address: 300 S. State St. Suite 600
Syracuse, NY 13202
 Phone: 315-257-7250
 Fax:
 Email: kehmann@chasolutions.com

Project Information
 Project Name: JMA Air Sampling
 Project Location: Syracuse, NY
 Project #: 059294.001.0005235
 Project Manager: Sam Miller
 ALPHA Quote #: Q24928-R1

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

Billing Information
 Same as Client info PO #: 05929403
4/019, Seq 22

Regulatory Requirements/Report Limits

State/Fed	Program	Res / Comm

Turn-Around Time
 Standard RUSH (only confirmed if pre-approved)
 Date Due: _____ Time: _____

These samples have been previously analyzed by Alpha
 Other Project Specific Requirements/Comments:
 Project-Specific Target Compound List:

All Columns Below Must Be Filled Out

ALPHA Lab ID (Lab Use Only)	Sample ID	COLLECTION					Sample Matrix*	Sampler's Initials	Can Size	I D Can	I D - Flow Controller	ANALYSIS					Sample Comments (i.e. PID)
		End Date	Start Time	End Time	Initial Vacuum	Final Vacuum						TO-15	TO-15 SIM	APH <small>Subtract Non-petroleum HCs</small>	Fixed Gases	Sulfides & Mercaptans by TO-15	
02331-01	IA-01-20240113	01-13-24	07:43	15:45	-28.86	-5.61	AA	AH	2.7L	3402	02440	X	X				
-02	IA-02-20240113	01-13-24	07:49	13:37	-29.25	-4.23	AA	AH	2.7L	142	01189	X	X				
-03	OA-01-20240113	01-13-24	07:56	15:38	-29.20	-5.37	AA	AH	2.7L	106	0482	X	X				

*SAMPLE MATRIX CODES

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

Container Type: CS

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. All samples submitted are subject to Alpha's Terms and Conditions. See reverse side.

Relinquished By:	Date/Time	Received By:	Date/Time:
<u>Andrew Hodgson</u>	<u>1-13-24 16:15</u>	<u>[Signature] - AAL</u>	<u>1/15/24 0900</u>
<u>[Signature] - AAL</u>	<u>1/15/24 0915</u>	<u>[Signature] - AAL</u>	<u>1/16/24 0030</u>
<u>[Signature] - AAL</u>	<u>1/16/24 500</u>	<u>[Signature] - AAL</u>	<u>1/16/24 0500</u>

APPENDIX D

Site-Wide Inspection Forms





INSPECTION CHECKLIST

Report No. 002

Date: 05/03/2023

Time: 09:30

Site Name: Former Coyne Textile

NYSDEC Site No. C734144

Address: 140 Cortland Avenue

Project No. 059294

Inspector(s): K. Ehmann

Weather: Rain

Temp.: Hi 48 deg F Low 40 deg F

Type of Inspection: Routine 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 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. 002	
Date: 05/03/2023	Time: 09:30

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"/>	The risers need to be cut to be even so that the J-Plug sits properly
Locks present and secured.	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" 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



Prior to the second quarter sampling event, CHA used a metal detector to find monitoring wells MW-105D and MW-4 on April 14, 2023.

MW-105S was unable to be recovered.

Signature:

Total Inspection Time: 30 min



INSPECTION CHECKLIST

Report No. 003

Date: 8/16/2023

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: Overcast

Temp.: Hi 80°F Low 68°F

Type of Inspection: Routine 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. 003

Date: 8/16/2023

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"/>	Risers repaired since previous inspection.
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. 004

Date: 10/24/2023

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: Overcast

Temp.: Hi 71°F Low 45°F

Type of Inspection: Routine 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. 004
Date: 10/24/2023 | 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.

Monitoring Well MW-4 turbid upon purging with bailer. Consider switching sampling techniques to peristaltic pump or other type capable of sampling for 1-inch monitoring well.

Signature:

Total Inspection Time: 30 minutes



INSPECTION CHECKLIST

Report No. 005

Date: 3/20/2024

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: Cold, Wintery

Temp.: Hi 42°F Low 32°F

Type of Inspection: Routine 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. 005	
Date: 3/20/2024	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

APPENDIX E

Field Water Quality Parameters



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

Monitoring Well	Sampling Event	Time	ORP (mV)	pH	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (deg C)	Depth to Water (ft)
MW-5R	2023 Q1	1345	-92	8.55	1.68	>1000	0.64	11.13	8.72
		1348	-103	8.59	1.67	>1000	0.54	11.6	8.85
		1351	-107	8.6	1.66	811	0.48	11.57	8.72
		1354	-110	8.6	1.66	780	0.43	11.56	8.66
		1359	-112	8.6	1.66	90	0.43	11.62	8.65
		1403	-106	8.44	1.66	89.7	0.38	11.66	8.52
		1406	-104	8.36	1.66	70	0.44	11.72	8.52
	2023 Q2	958	-77	6.67	1.63	949	2.41	11.52	8.67
		1001	-82	6.65	1.63	580	1.15	11.64	8.45
		1005	-88	6.73	1.63	269	0.78	11.68	8.38
		1009	-90	6.72	1.64	123	0.6	11.65	8.36
		1013	-93	6.71	1.65	66.4	0.51	11.66	8.36
		1017	-95	6.69	1.65	45.9	0.47	11.59	8.34
		1021	-97	6.71	1.65	46.4	0.43	11.55	8.34
	2023 Q3	09:03	-105	7.34	1.47	480	7.57	14.4	NR
		09:06	-115	7.36	1.47	373	6.66	14.12	NR
		09:09	-120	7.27	1.48	145	5.29	13.68	NR
		09:12	-120	7.08	1.49	69.7	4.58	13.54	9.01
		09:16	-124	6.93	1.49	37.3	4.03	13.48	9.01
		09:19	-132	6.94	1.5	29.8	3.92	13.41	9.06
		09:22	-133	6.84	1.51	41	4.2	13.25	9.06
		09:25	-137	6.83	1.51	41.6	3.7	13.22	9.08
		09:28	-142	6.87	1.51	29.5	3.51	13.25	9.04
		09:31	-149	6.94	1.5	17.1	3.42	13.28	9.07
	09:33	-148	6.89	1.51	16.8	3.4	13.16	9.1	
	09:36	-148	6.83	1.51	17.2	3.39	13.14	9.11	
	2023 Q4	1150	-29	6.14	1.65	403	2.34	16.21	NR
		1154	-101	6.94	1.63	562	0.7	16.27	NR
		1157	-113	7.03	1.63	474	0.65	16.43	NR
		1200	-111	6.96	1.63	145	0.52	15.64	NR
		1203	-116	6.96	1.63	155	0.46	15.59	NR
		1206	-117	6.96	1.63	71.7	0.43	15.76	NR
		1209	-120	6.97	1.63	36.4	0.45	16.03	NR
	2024 Q1	10:37	86	NR	1.74	247	0.51	12.09	8.74
		10:40	107	NR	1.73	227	0.48	12.22	8.66
		11:00	-107	7.45	1.83	117	0.89	11.51	8.68
11:03		-120	7.32	1.75	45.8	0.53	12.15	8.72	
11:06		-126	7.25	1.3	81.5	0.46	12.33	8.72	
11:09		-127	7.18	1.73	29.9	2.63	12.37	8.74	
11:12		-128	7.14	1.73	28.7	2.46	12.34	8.68	
11:15		-130	7.1	1.74	31.6	2.18	12.37	8.77	
11:18		-132	7.09	1.73	29	1.94	12.43	8.8	
11:21		-134	7.06	1.74	21.4	1.75	12.47	8.82	
11:24		-136	7.06	1.73	21	1.62	12.47	8.74	
11:27	-138	7.06	1.73	20.5	1.48	12.47	8.76		

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

Monitoring Well	Sampling Event	Time	ORP (mV)	pH	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (deg C)	Depth to Water (ft)
MW-6R	2023 Q1	1226	-36	8.42	0.756	>1000	9.66	10.99	7.78
		1229	-47	8.49	0.931	>1000	9.47	10.84	7.76
		1232	-61	8.57	1.13	>1000	8.91	11.2	7.83
		1236	-74	8.52	1.38	>1000	8.37	11.53	7.91
		1247	-102	8.64	1.7	790	0.73	11.26	7.83
		1252	-100	8.61	1.71	320	0.42	11.54	7.86
		1256	-102	8.6	1.75	67.7	0.39	11.53	7.85
	2023 Q2	1114	-48	6.34	0.912	>1000	1.83	10.82	7.58
		1118	-68	6.43	0.714	588	0.97	10.97	7.55
		1122	-79	6.54	0.718	227	0.68	11.01	7.6
		1126	-82	6.56	0.778	155	0.55	10.99	7.6
		1130	-85	6.58	0.861	102	0.47	11.02	7.6
		1134	-86	6.57	1.03	90.6	0.36	11.09	7.7
		1138	-85	6.58	1.13	49.1	0.47	11.02	7.68
		1142	-90	6.6	1.23	34	0.3	11.15	7.68
		1146	-93	6.61	1.31	32.9	0.28	11.16	7.68
		1150	-93	6.6	1.38	29	0.29	11.16	7.68
	2023 Q3	10:35	-136	7.67	2.39	492	1.64	14.53	8.22
		10:38	-141	7.67	2.42	386	1.66	14.49	8.2
		10:42	-143	7.65	2.41	469	1.86	14.42	8.25
		10:46	-146	7.65	2.4	309	2.05	13.92	8.25
		10:50	-140	7.64	2.37	186	2.22	13.88	8.25
		10:54	-149	7.63	2.35	138	2.39	13.95	8.23
		10:57	-150	7.62	2.33	135	2.46	13.75	8.22
		11:01	-150	7.61	2.32	81.4	2.45	13.9	8.25
		11:05	-150	7.59	2.31	136	2.41	14.04	8.22
		11:08	-150	7.59	2.3	70.4	2.39	14.03	8.22
	2023 Q4	1037	-123	6.9	2.3	>1000	1.35	15.71	NR
		1040	-131	6.81	2.39	>1000	0.93	15.66	NR
		1043	-133	6.79	2.19	>1000	0.68	15.59	NR
		1047	-141	6.81	2.12	>1000	0.61	15.77	NR
		1051	-144	6.81	2.08	881	0.58	15.83	NR
		1054	-147	6.82	2.04	504	0.54	15.72	NR
		1057	-150	6.83	2.01	303	0.51	15.72	NR
		1100	-152	6.83	1.98	228	0.48	15.68	NR
		1104	-158	6.89	1.95	138	0.53	NR	NR
		1107	-156	6.84	1.95	142	0.49	15.46	NR
		1109	-157	6.84	1.93	106	0.49	15.46	NR
	2024 Q1	12:40	-109	6.92	1.39	1000	9.79	11.1	-8.09
		12:43	-117	6.74	1.42	1000	8.77	11.3	8.07
		12:46	-120	6.72	1.47	734	0.64	11.42	8.1
		12:49	-123	6.7	1.54	400	0.57	11.4	8.1
12:53		-122	6.64	1.62	238	0.51	11.5	8.1	
12:56		-122	6.63	1.64	145	0.49	11.62	8.12	
12:59		-123	6.62	1.67	85.5	0.47	11.59	8.14	
13:03		-124	6.61	1.7	76.4	0.44	11.59	8.14	
13:06	-124	6.62	1.71	49.3	0.43	11.61	8.11		

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

Monitoring Well	Sampling Event	Time	ORP (mV)	pH	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (deg C)	Depth to Water (ft)
MW-7R	2023 Q1	940	-57	8.27	1.9	658	1.08	11.04	8.25
		945	-68	8.3	1.89	530	0.9	10.72	8.27
		946	-70	8.27	1.87	466	0.82	10.84	8.27
		949	-76	8.35	1.87	408	0.75	10.92	8.29
		955	-73	8.22	1.87	60	0.71	10.74	8.23
	2023 Q2	1245	-23	6.85	1.85	228	3.73	10.42	
		1249	-35	6.85	1.98	84.5	2.21	10.81	
		1253	-43	6.9	1.98	32.7	1.68	11	8.02
		1258	-43	6.9	1.93	18.9	1.15	11.09	8.02
		1302	-41	6.88	1.94	16	0.85	11.17	8.03
		1306	-42	6.89	1.93	14.3	0.73	11.18	8.04
	2023 Q3	11:53	-121	7.61	2.43	143	2.11	14	8.72
		11:56	-122	7.59	2.16	69.6	1.91	13.76	8.71
		11:59	-120	7.56	2.04	43.1	1.83	13.69	8.7
		12:02	-118	7.54	1.95	26.5	1.87	13.71	8.71
		12:05	-118	7.53	1.93	24.8	1.9	13.72	8.71
		12:08	-118	7.52	1.89	17.4	1.93	13.81	8.71
		12:11	-118	7.52	1.88	21.6	1.96	13.88	8.71
		12:14	-118	7.52	1.88	21.3	1.97	13.82	8.72
	2023 Q4	918	-119	6.81	2.11	79.9	1.13	15.31	NR
		922	-129	6.83	2.06	41.7	0.88	15.24	NR
		925	-129	6.84	2.06	28.2	0.75	15.25	NR
		929	-130	6.84	2.04	20.4	0.68	15.17	NR
		932	-131	6.85	2.01	20.4	0.65	15.2	NR
		936	-132	6.85	1.99	13.5	0.6	15.21	NR
		940	-133	6.86	2	9.57	0.64	15.21	NR
	2024 Q1	14:20	-67	6.9	1.53	418	2.56	9.93	8.42
		14:23	-83	6.64	1.86	219	0.85	11.44	8.46
14:26		-89	6.62	1.98	130	0.7	11.75	8.54	
14:29		-92	6.64	2.02	56.1	0.6	11.83	8.31	
14:32		-93	6.68	2	31.6	0.55	11.64	8.46	
14:35		-94	6.69	2	32.4	0.5	11.65	8.45	

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

Monitoring Well	Sampling Event	Time	ORP (mV)	pH	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (deg C)	Depth to Water (ft)	
MW-105D	2023 Q2	1500	-46	7.05	1.36	>1000	4.59	12.38	10.86	
		1504	-38	7.04	1.36	653	1.67	12.41	10.56	
		1508	-32	7.04	1.21	364	1.45	12.4	10.49	
		1512	-28	7.04	1.14	203	2.53	12.44	10.87	
		1516	-28	7.07	1.15	181	1.7	12.49	11.02	
		1521	-28	7.09	1.2	165	2.73	12.55	11.26	
		1526	-30	7.1	1.22	163	1.9	12.59	11.39	
		1531	-30	7.11	1.22	160	2.29	12.57	11.34	
		1536	-30	7.11	1.24	85.5	1.17	12.59	11.45	
		1540	-32	7.12	1.25	73.4	1.35	12.62	11.49	
	1544	-32	7.11	1.27	54.1	2.31	12.6	11.48		
	1548	-32	7.11	1.27	42.1	1.88	12.58	11.38		
	2023 Q3	15:01	-83	7.36	1.23	1000	4.33	16.83	11.23	
		15:04	-91	7.36	1.27	1000	2.51	16.23	11.45	
		15:08	-90	7.34	1.2	755	1.9	16.73	11.77	
		15:11	-87	7.34	1.2	199	1.6	16.53	12.15	
		15:14	-86	7.34	1.2	113	1.47	16.58	11.94	
		15:17	-86	7.34	1.2	100	1.37	16.55	11.67	
		15:20	-84	7.34	1.21	72.3	1.28	16.49	11.74	
		15:24	-78	7.33	1.25	48.2	1.14	15.26	11.84	
		15:27	-78	7.34	1.26	29.7	1.13	15.05	11.78	
	15:30	-79	7.34	1.27	23	1.11	15.16	11.54		
	2023 Q4	1516	-62	6.88	1.17	728	0.6	17.13	NR	
		1519	-208	8.16	1.22	739	0.45	16.53	NR	
		1522	-84	8.84	1.21	716	0.4	16.4	NR	
		1525	-84	6.83	1.19	355	0.38	16.3	NR	
		1528	-86	6.82	1.18	200	0.38	16.34	NR	
		1531	-86	6.83	1.18	120	0.38	16.46	NR	
		1534	-86	6.83	1.18	78.6	0.37	16.46	NR	
	1538	-86	6.82	1.19	45.8	0.36	16.41	NR		
	2024 Q1	08:47				0.855	1000	1.21	12.07	10.77
		08:53				0.888	1000	1.1	11.83	11.14
		08:56				0.866	814	1.19	12.25	12.17
08:59					0.868	227	1.3	12.26	12.59	
09:03		RedOx meter not functioning correctly	pH meter not functioning appropriately		0.891	159	1.33	12.44	12.84	
09:07					0.92	96.1	1.08	12.54	12.82	
09:10					0.933	80.9	1.01	12.55	13.01	
09:13					0.947	57.6	0.94	12.68	13.06	
09:16					0.947	55.7	0.93	12.66	13.07	
09:19				0.953	45.5	0.85	12.73	13.19		
MW-4 (Conventional Sampling)	2023 Q2	1334	-82	6.91	1.89	>1000	9.51	11	NR	
		1343	-85	6.84	1.86	>1000	6.1	11.16	NR	
		1352	-77	6.77	1.87	>1000	5.47	11.37	NR	
	2023 Q3	13:46	-167	7.46	1.71	14.2	3.07	13.65	NR	
		13:51	-187	7.43	1.71	13.5	2.1	13.51	NR	
		13:57	-207	7.41	1.71	13.2	2.22	13.52	NR	
	2024 Q1	08:03	-104	6.96	1.78	52.3	3.61	7.46	NR	
		08:07	-102	6.88	1.76	32.4	3.34	7.4	NR	
		08:11	-101	6.88	1.75	19.3	3.19	7.45	NR	

NR = Not Recorded

APPENDIX F

Purge Water Disposal Documentation





SOLVENTS & PETROLEUM SERVICE

Experts in chemicals. Partners in business.
1405 Brewerton Road • Syracuse, NY 13208
Phone: 315-454-4467 | Fax: 315-454-8230
Toll Free: 1-800-315-4467

793819



Order Date 12/04/23	Requested Date 12/04/23	P.O. Number	Customer Phone Number 518-453-4500
------------------------	----------------------------	-------------	---------------------------------------

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

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

Drivers Instructions/Notes:

ED

SEE MAP & INSTRUCTIONS ATTACHED. MUST HAVE PROPER DOCUMENTS. MUST DO FRIDAY 12/29

Driver: [Signature] Date: 12/29/23 Customer: [Signature] (Geoff Hawthorne)

Empty Drums Returned: 1

HM	Product Description	DOT Description	Quantity	Unit
	WASTE PURGE WATER APP# CHACONSULT01	PURGE WATER, NON-REGULATED MATERIAL PER 40 & 49 CFR	2.00	55-G
	ADMINISTRATION FEE BOL/ADMIN/PROFILES		1.00	UNIT

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

Waste Profile Sheet

Solvents & Petroleum Service
 1405 Brewerton Rd. Syracuse, NY 13208
 Phone (315)454-4467 - Fax (315)454-8230
 EPA ID# NYD013277454

APPROVAL #	CHACONSULT01		
Recertification?	NO	Approval #	SAME
Sample #	NONE		
Date Submitted	12/04/2023		
Salesperson	MARK FARRELL		

GENERAL INFORMATION

Generator Name:	RANALLI/TAYLOR ST. LLC			Billing Name:	CHA CONSULTING, INC.		
Address:	140 CORTLAND AVENUE			Address:	3 WINNERS CIRCLE		
City:	SYRACUSE	State:	NY	City:	ALBANY	State:	NY
Phone:	315-699-0840	ZIP:	13208	ZIP:	12205		
Technical Contact:	KARYN EHMANN			Phone:	518-453-4500		
EPA ID#	VSQG			Billing Contact:			

WASTE & DOT INFORMATION

Name of Waste:	WASTE PURGE WATER						
Process Generating Waste:	SYSTEM CLEAN OUT						
Generation Source Code G	G13	Waste Form Code W	W200	SIC Code			
Is this a Virgin Product or Chemical?	Yes	X	No				
Elevated temperature Material? (ship > 100° F)	Yes	X	No				
US EPA Hazardous Waste? (40CFR Part 261)	Yes	X	No	Waste Water	X	Non-Wastewater	
US DOT Hazardous Material? (49CFR 171-177)	Yes	X	No				
US DOT Hazardous Substance? (49CFR 302)	Yes	X	No				
Does your waste contain Marine pollutant?	Yes	X	No	Please list:			

Proper Shipping Name:	PURGE WATER, NON-REGULATED MATERIAL PER 40 & 49 CFR						
Hazardous class:	N/A	DOT Labels:	N/A	UN/NA	N/A	Pkg Group	N/A
Reportable Quantity:	N/A	Based on:	N/A	ERG #	N/A		
Identify ALL applicable US EPA waste codes:	N/A						

Packaging:	Bulk Solid	Bulk Liquid	OHD55	Drums - Type Size	STEEL/POLY	Other	
Anticipated Volume	1 - 2 DRUMS		Frequency:	Monthly	Quarterly	X	Yearly
Transportation Equipment:	Tank Truck	X	Liftgate	Vacuum	Roll off	Box Trailer	Tank Car

CHEMICAL COMPOSITION: List ALL Constituents present in any combination. Attach analytical or MSDS if available.

PHYSICAL CHARACTERISTICS

Constituents	Range /Units	Physical State @70°	X	Liquid	X	Sludge		Solid		Powder		Debris
PURGE WATER	100%	Specific Gravity:	N/A	to	N/A	pH Range	5	to	10			
Flash(°F)	>140	BTU/Pound	N/A	Actual								
Odor	VARIES							Color	DARK			
Pumpable @ 70° F	X	Yes		No								
Viscosity	X	Low		Medium	X	High						
Boiling Point	X	>95° F		<95° F								
>20 % Water	<5	% Solid	<5	% Chlorine								
	<5	% Dissolved Solids										
	<5	% Suspended Solids										
	<5	% Ash Content										
Submitted for:	Reclaim	Fractionation	Fuels	X	Pumpable	Dispersible	Solids <250#	Solids >250#				
Processable Solids	X	Incineration	X	Landfill	Haz Water	Non-Haz Water	Other					

SPS Use Only:

Approved for:	Reclaim	Fractionation	Fuels	X	Pumpable	Dispersible	Solids <250#	Solids >250#				
Processable Solids	X	Incineration	X	Landfill	Haz Water	Non-Haz Water	Other					

Approved by:	EDGARDO LEÓN			Date	12/04/2023	Handling Code	M					
--------------	--------------	--	--	------	------------	---------------	---	--	--	--	--	--

Special Precautions											
Comments											
Off-site Approval #											

PLEASE SIGN & RETURN

Does Your Waste Exhibit the Following Properties?:		NO
Hydrophonic (Reacts with water)		Yes
Pyrophonic (Reacts with Flame)		Yes
Shock Sensitive (Reacts with movement)		Yes
Thermally Sensitive (Reacts when heated)		Yes
Acid Reactive		Yes
Oxidizer		Yes
Alkaline Reactive		Yes
Auto Polymerizer		Yes

Does Your Waste Contain:	NO	Actual Range
PCB's > 25ppm	Yes	
Phenolics > 100ppm	Yes	
Free Ammonia	Yes	
Free Sulfides	Yes	
Free Cyanides	Yes	
OSHA Carcinogens	Yes	
Dioxins	Yes	
Pesticides	Yes	
NESHAP Benzene > 10%	Yes	

METALS & ORGANICS TCLP TOTAL NONE IN THIS SECTION

D-Code	Constituents	Reg. Level	Actual Range	D-Code	Constituents	Reg. Level	Actual Range
D004	Arsenic	>= 5.0 mg/l		D028	1,2-Dichloroethane	>=0.5 mg/l	
D005	Barium	>=100 mg/l		D029	1,1-Dichloroethylene	>=0.7 mg/l	
D006	Cadmium	>=1.0 mg/l		D030	1,4-Dinitrotoluene	>=0.13 mg/l	
D007	Chromium	>=5.0 mg/l		D031	Heptachlor (and it's epoxide)	>=0.008 mg/l	
D008	Lead	>=5.0 mg/l		D032	Hexachlorobenzene	>=0.13 mg/l	
D009	Mercury	>=0.2 mg/l		D033	Hexachlorobutadiene	>=0.5 mg/l	
D010	Selenium	>=1.0 mg/l		D034	Hexachloroethane	>=3.0 mg/l	
D011	Silver	>=5.0 mg/l		D035	Methyl Ethyl Ketone	>=200 mg/l	
D012	Endrin	>=0.02 mg/l		D036	Nitrobenzene	>=2.0 mg/l	
D013	Lindane	>=0.4 mg/l		D037	Pentachlorophenol	>=100 mg/l	
D014	Methoxychlor	>=10.0 mg/l		D038	Pyridine	>=5.0 mg/l	
D015	Toxaphene	>=0.5 mg/l		D039	Tetrachloroethylene	>=0.7 mg/l	
D016	2,4-D	>=10.0 mg/l		D040	Trichloroethylene	>=0.5 mg/l	
D017	2,4,5-TP Silver	>=1.0 mg/l		D041	2,4,5-Trichlorophenol	>=400 mg/l	
D018	Benzene	>=0.5 mg/l		D042	2,4,6-Trichlorophenol	>=2.0 mg/l	
D019	Carbon Tetachloride	>=0.5 mg/l		D043	Vinyl Chloride	>=0.2 Mg/l	
D020	Chlordane	>=0.03 mg/l		Other Metals			
D021	Chlorobenzene	>=100 mg/l		Aluminum		>=5.0 mg/l	
D022	Chloroform	>=6.0 mg/l		Beryllium		>=10.0 mg/l	
D023	O-Cresol	>=200 mg/l		Copper		>=1500 mg/l	
D024	m-Cresol	>=200 mg/l		Maganese		>=100 mg/l	
D025	p-Cresol	>=200 mg/l		Nickel		>=1000 mg/l	
D026	Cresol	>=200 mg/l		Thallium		>=100 mg/l	
D027	1,4-Dichlorobenzene	>=7.5 mg/l		Zinc		>=3000 mg/l	

California List Contaminants: Unknown None Present
 Nickel >134 mg/l Yes No

Thallium >130 mg/l Yes No
 HOC'S >1000 mg/l Yes No

SUPPLEMENTAL INFORMATION:

NOTE: Waste submitted for Land Disposal requires MSDS, Analytical, or Sample for analysis. Similar information may be required for other waste streams. Waste submitted for Reclaim or Fractionation requires Sample and Return Specifications.

Supplemental Information Attached? Yes No Lab Analysis Profile MSDS Other _____

Sample Submitted with Waste Data Sheet? Yes No

Date previously submitted: _____

Reclaim/Fractionation Specifications Submitted? Yes No

If this waste contains halogens >1000ppm, what is the source? _____

If this waste contains halogens >1000ppm, I hereby rebut the presumption that our used oil has been mixed with halogenated hazardous waste listed in subpart D of part 261 of 40CFR. The total halogens present do not come from halogenated solvents.

Yes No Not Applicable (this waste contains <1000 ppm halogens, or is not a used oil)

GENERATOR CERTIFICATION:

I hereby certify that I have personally examined and am familiar with the information submitted in this and all attached documents. Based on my inquiry of those individuals immediately responsible for obtaining this information. I believe that the submitted information is true, accurate and complete, and that all known and suspected hazards have been disclosed. I further certify that the sample I submitted with this profile is truly representative of this waste stream.

Geoff Hawthorne / Security Lead

[Signature]
Signature

12/29/23
Date

Authorization to Correct WPS:

I authorize Solvents & Petroleum Corporation to make corrections to this WPS form, such corrections being consistent with the results of sample characterization and/or regulatory requirements of N.Y. DEC. I understand that a corrected copy will be sent to me.

Yes No Initial: GH

Note: Any significant changes or deviations from the waste received versus the information on this form requires amendment.

NOTE: Solvents & Petroleum DOES NOT accept waste containing PCB'S >25ppm, Dixon, Radioactive, or Biological Compounds

APPENDIX G

Groundwater Laboratory Reports





ANALYTICAL REPORT

Lab Number:	L2324376
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
Project Number:	059294.001
Report Date:	05/17/23

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

Certifications & Approvals: MA (M-MA086), NH NELAP (2064), CT (PH-0826), IL (200077), IN (C-MA-03), KY (KY98045), ME (MA00086), MD (348), NJ (MA935), NY (11148), NC (25700/666), OH (CL108), OR (MA-1316), PA (68-03671), RI (LAO00065), TX (T104704476), VT (VT-0935), VA (460195), USDA (Permit #525-23-122-91930).

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



Project Name: FORMER COYNE TEXTILE
Project Number: 059294.001

Lab Number: L2324376
Report Date: 05/17/23

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2324376-01	MW-5R-20230503	WATER	SYRACUSE,NY	05/03/23 10:25	05/03/23
L2324376-02	MW-6R-20230503	WATER	SYRACUSE,NY	05/03/23 12:05	05/03/23
L2324376-03	MW-7R-20230503	WATER	SYRACUSE,NY	05/03/23 13:10	05/03/23
L2324376-04	MW-4-20230503	WATER	SYRACUSE,NY	05/03/23 14:00	05/03/23
L2324376-05	MW-105D-20230503	WATER	SYRACUSE,NY	05/03/23 15:50	05/03/23
L2324376-06	CHA-1-20230503	WATER	SYRACUSE,NY	05/03/23 12:00	05/03/23
L2324376-07	TRIP BLANK-20230503	WATER	SYRACUSE,NY	05/03/23 00:00	05/03/23

Project Name: FORMER COYNE TEXTILE
Project Number: 059294.001

Lab Number: L2324376
Report Date: 05/17/23

Case Narrative

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

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

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

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

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

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

Project Name: FORMER COYNE TEXTILE
Project Number: 059294.001

Lab Number: L2324376
Report Date: 05/17/23

Case Narrative (continued)

Report Submission

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

The analysis of Sulfide was 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

L2324376-04: The sample was received above the appropriate pH for the Total Metals analysis. The laboratory added additional HNO₃ to a pH <2.

Volatile Organics

L2324376-04: The sample was received in the proper acid-preserved containers; however, upon analysis, the pH was determined to be greater than 2, and thus the method required holding time was exceeded.

The WG1778909-6 MS recovery, performed on L2324376-03, is outside the acceptance criteria for cis-1,2-dichloroethene (0%). The unacceptable percent recovery is attributed to the elevated concentrations of target compounds present in the native sample.

Dissolved Gases

L2324376-01, -04, and -06: The samples were collected in pre-preserved vials; however, the pH of the samples were determined to be greater than two.

The WG1777653-4/-5 MS/MSD recoveries, performed on L2324376-03, are outside the acceptance criteria for methane (55%/37%). The unacceptable percent recoveries are attributed to the elevated concentrations of target compounds present in the native sample.

Carbon Dioxide

The WG1775064-4D/-5D MS/MSD recoveries, performed on L2324376-03, are outside the acceptance

Project Name: FORMER COYNE TEXTILE
Project Number: 059294.001

Lab Number: L2324376
Report Date: 05/17/23

Case Narrative (continued)

criteria for carbon dioxide (123%/137%). The unacceptable percent recoveries are attributed to the elevated concentrations of target compounds present in the native sample.

Anions by Ion Chromatography

The WG1774875-3/-4 MS/MSD recoveries, performed on L2324376-03, are outside the acceptance criteria for nitrogen, nitrate (74%/76%), sulfate (MS 111%); 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: 05/17/23

ORGANICS

VOLATILES

Project Name: FORMER COYNE TEXTILE
Project Number: 059294.001

Lab Number: L2324376
Report Date: 05/17/23

SAMPLE RESULTS

Lab ID: L2324376-01
 Client ID: MW-5R-20230503
 Sample Location: SYRACUSE,NY

Date Collected: 05/03/23 10:25
 Date Received: 05/03/23
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 1,8260D
 Analytical Date: 05/14/23 12:45
 Analyst: JIC

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	0.40	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	340	E	ug/l	1.0	0.07	1
Chloroethane	2.2	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	6.1		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1

Project Name: FORMER COYNE TEXTILE
Project Number: 059294.001

Lab Number: L2324376
Report Date: 05/17/23

SAMPLE RESULTS

Lab ID: L2324376-01
Client ID: MW-5R-20230503
Sample Location: SYRACUSE,NY

Date Collected: 05/03/23 10:25
Date Received: 05/03/23
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.70	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	16		ug/l	2.5	0.70	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl Acetate	ND		ug/l	2.0	0.23	1
Cyclohexane	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	110		70-130
Toluene-d8	97		70-130
4-Bromofluorobenzene	103		70-130
Dibromofluoromethane	102		70-130

Project Name: FORMER COYNE TEXTILE**Lab Number:** L2324376**Project Number:** 059294.001**Report Date:** 05/17/23**SAMPLE RESULTS**

Lab ID: L2324376-01
 Client ID: MW-5R-20230503
 Sample Location: SYRACUSE,NY

Date Collected: 05/03/23 10:25
 Date Received: 05/03/23
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 117,-
 Analytical Date: 05/11/23 17:38
 Analyst: SRO

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Dissolved Gases by GC - Mansfield Lab							
Methane	1480		ug/l	2.00	2.00	1	A
Ethene	24.7		ug/l	0.500	0.500	1	A
Ethane	55.5		ug/l	0.500	0.500	1	A

Project Name: FORMER COYNE TEXTILE
Project Number: 059294.001

Lab Number: L2324376
Report Date: 05/17/23

SAMPLE RESULTS

Lab ID: L2324376-01 D
 Client ID: MW-5R-20230503
 Sample Location: SYRACUSE,NY

Date Collected: 05/03/23 10:25
 Date Received: 05/03/23
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 1,8260D
 Analytical Date: 05/17/23 00:27
 Analyst: MJV

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Volatile Organics by GC/MS - Westborough Lab						
Vinyl chloride	280		ug/l	5.0	0.36	5

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	101		70-130
Toluene-d8	101		70-130
4-Bromofluorobenzene	107		70-130
Dibromofluoromethane	92		70-130

Project Name: FORMER COYNE TEXTILE**Lab Number:** L2324376**Project Number:** 059294.001**Report Date:** 05/17/23**SAMPLE RESULTS**

Lab ID: L2324376-01 D

Date Collected: 05/03/23 10:25

Client ID: MW-5R-20230503

Date Received: 05/03/23

Sample Location: SYRACUSE,NY

Field Prep: Not Specified

Sample Depth:

Matrix: Water

Analytical Method: 117,-

Analytical Date: 05/05/23 17:05

Analyst: SRO

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Dissolved Gases by GC - Mansfield Lab						
Carbon Dioxide	41.7		mg/l	6.00	6.00	2

Project Name: FORMER COYNE TEXTILE
Project Number: 059294.001

Lab Number: L2324376
Report Date: 05/17/23

SAMPLE RESULTS

Lab ID: L2324376-02
 Client ID: MW-6R-20230503
 Sample Location: SYRACUSE,NY

Date Collected: 05/03/23 12:05
 Date Received: 05/03/23
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 1,8260D
 Analytical Date: 05/14/23 13:07
 Analyst: JIC

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	7.9		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	0.35	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	630	E	ug/l	1.0	0.07	1
Chloroethane	1.0	J	ug/l	2.5	0.70	1
1,1-Dichloroethene	0.42	J	ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	2.4	J	ug/l	2.5	0.70	1
Trichloroethene	11		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1

Project Name: FORMER COYNE TEXTILE
Project Number: 059294.001

Lab Number: L2324376
Report Date: 05/17/23

SAMPLE RESULTS

Lab ID: L2324376-02
Client ID: MW-6R-20230503
Sample Location: SYRACUSE,NY

Date Collected: 05/03/23 12:05
Date Received: 05/03/23
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.70	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	98		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	110		70-130
Toluene-d8	99		70-130
4-Bromofluorobenzene	105		70-130
Dibromofluoromethane	106		70-130

Project Name: FORMER COYNE TEXTILE**Lab Number:** L2324376**Project Number:** 059294.001**Report Date:** 05/17/23**SAMPLE RESULTS**

Lab ID: L2324376-02
 Client ID: MW-6R-20230503
 Sample Location: SYRACUSE,NY

Date Collected: 05/03/23 12:05
 Date Received: 05/03/23
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 117,-
 Analytical Date: 05/11/23 17:56
 Analyst: SRO

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Dissolved Gases by GC - Mansfield Lab							
Methane	6090		ug/l	2.00	2.00	1	A
Ethene	162		ug/l	0.500	0.500	1	A
Ethane	200		ug/l	0.500	0.500	1	A

Project Name: FORMER COYNE TEXTILE
Project Number: 059294.001

Lab Number: L2324376
Report Date: 05/17/23

SAMPLE RESULTS

Lab ID: L2324376-02 D
 Client ID: MW-6R-20230503
 Sample Location: SYRACUSE,NY

Date Collected: 05/03/23 12:05
 Date Received: 05/03/23
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 1,8260D
 Analytical Date: 05/17/23 00:51
 Analyst: MJV

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Volatile Organics by GC/MS - Westborough Lab						
Vinyl chloride	470		ug/l	10	0.71	10

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	103		70-130
Toluene-d8	103		70-130
4-Bromofluorobenzene	107		70-130
Dibromofluoromethane	95		70-130

Project Name: FORMER COYNE TEXTILE**Lab Number:** L2324376**Project Number:** 059294.001**Report Date:** 05/17/23**SAMPLE RESULTS**

Lab ID: L2324376-02 D

Date Collected: 05/03/23 12:05

Client ID: MW-6R-20230503

Date Received: 05/03/23

Sample Location: SYRACUSE,NY

Field Prep: Not Specified

Sample Depth:

Matrix: Water

Analytical Method: 117,-

Analytical Date: 05/05/23 17:21

Analyst: SRO

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Dissolved Gases by GC - Mansfield Lab						
Carbon Dioxide	57.2		mg/l	6.00	6.00	2

Project Name: FORMER COYNE TEXTILE
Project Number: 059294.001

Lab Number: L2324376
Report Date: 05/17/23

SAMPLE RESULTS

Lab ID: L2324376-03
 Client ID: MW-7R-20230503
 Sample Location: SYRACUSE,NY

Date Collected: 05/03/23 13:10
 Date Received: 05/03/23
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 1,8260D
 Analytical Date: 05/14/23 13:28
 Analyst: JIC

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	0.20	J	ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	140		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	1.9		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	1.1	J	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
Project Number: 059294.001

Lab Number: L2324376
Report Date: 05/17/23

SAMPLE RESULTS

Lab ID: L2324376-03
 Client ID: MW-7R-20230503
 Sample Location: SYRACUSE,NY

Date Collected: 05/03/23 13:10
 Date Received: 05/03/23
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.70	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	400	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	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	106		70-130
Toluene-d8	97		70-130
4-Bromofluorobenzene	102		70-130
Dibromofluoromethane	105		70-130

Project Name: FORMER COYNE TEXTILE**Lab Number:** L2324376**Project Number:** 059294.001**Report Date:** 05/17/23**SAMPLE RESULTS**

Lab ID: L2324376-03
 Client ID: MW-7R-20230503
 Sample Location: SYRACUSE,NY

Date Collected: 05/03/23 13:10
 Date Received: 05/03/23
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 117,-
 Analytical Date: 05/11/23 14:50
 Analyst: SRO

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Dissolved Gases by GC - Mansfield Lab							
Methane	2890		ug/l	2.00	2.00	1	A
Ethene	8.40		ug/l	0.500	0.500	1	A
Ethane	5.35		ug/l	0.500	0.500	1	A

Project Name: FORMER COYNE TEXTILE
Project Number: 059294.001

Lab Number: L2324376
Report Date: 05/17/23

SAMPLE RESULTS

Lab ID: L2324376-03 D
 Client ID: MW-7R-20230503
 Sample Location: SYRACUSE,NY

Date Collected: 05/03/23 13:10
 Date Received: 05/03/23
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 1,8260D
 Analytical Date: 05/17/23 01:39
 Analyst: MJV

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
cis-1,2-Dichloroethene	390		ug/l	12	3.5	5

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	108		70-130
Toluene-d8	99		70-130
4-Bromofluorobenzene	105		70-130
Dibromofluoromethane	100		70-130

Project Name: FORMER COYNE TEXTILE**Lab Number:** L2324376**Project Number:** 059294.001**Report Date:** 05/17/23**SAMPLE RESULTS**

Lab ID: L2324376-03 D

Date Collected: 05/03/23 13:10

Client ID: MW-7R-20230503

Date Received: 05/03/23

Sample Location: SYRACUSE,NY

Field Prep: Not Specified

Sample Depth:

Matrix: Water

Analytical Method: 117,-

Analytical Date: 05/05/23 07:14

Analyst: SRO

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Dissolved Gases by GC - Mansfield Lab						
Carbon Dioxide	49.1		mg/l	6.00	6.00	2

Project Name: FORMER COYNE TEXTILE
Project Number: 059294.001

Lab Number: L2324376
Report Date: 05/17/23

SAMPLE RESULTS

Lab ID: L2324376-04
 Client ID: MW-4-20230503
 Sample Location: SYRACUSE,NY

Date Collected: 05/03/23 14:00
 Date Received: 05/03/23
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 1,8260D
 Analytical Date: 05/14/23 13:50
 Analyst: JIC

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	0.26	J	ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1

Project Name: FORMER COYNE TEXTILE
Project Number: 059294.001

Lab Number: L2324376
Report Date: 05/17/23

SAMPLE RESULTS

Lab ID: L2324376-04
Client ID: MW-4-20230503
Sample Location: SYRACUSE,NY

Date Collected: 05/03/23 14:00
Date Received: 05/03/23
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.70	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	3.7	J	ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl Acetate	ND		ug/l	2.0	0.23	1
Cyclohexane	ND		ug/l	10	0.27	1
1,4-Dioxane	ND		ug/l	250	61.	1
Freon-113	ND		ug/l	2.5	0.70	1
Methyl cyclohexane	0.63	J	ug/l	10	0.40	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	110		70-130
Toluene-d8	99		70-130
4-Bromofluorobenzene	102		70-130
Dibromofluoromethane	114		70-130

Project Name: FORMER COYNE TEXTILE**Lab Number:** L2324376**Project Number:** 059294.001**Report Date:** 05/17/23**SAMPLE RESULTS**

Lab ID: L2324376-04
 Client ID: MW-4-20230503
 Sample Location: SYRACUSE,NY

Date Collected: 05/03/23 14:00
 Date Received: 05/03/23
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 117,-
 Analytical Date: 05/05/23 19:22
 Analyst: SRO

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Dissolved Gases by GC - Mansfield Lab						
Carbon Dioxide	116		mg/l	3.00	3.00	1

Project Name: FORMER COYNE TEXTILE**Lab Number:** L2324376**Project Number:** 059294.001**Report Date:** 05/17/23**SAMPLE RESULTS**

Lab ID: L2324376-04
 Client ID: MW-4-20230503
 Sample Location: SYRACUSE,NY

Date Collected: 05/03/23 14:00
 Date Received: 05/03/23
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 117,-
 Analytical Date: 05/11/23 18:15
 Analyst: SRO

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Dissolved Gases by GC - Mansfield Lab							
Methane	10700		ug/l	2.00	2.00	1	A
Ethene	136		ug/l	0.500	0.500	1	A
Ethane	925		ug/l	0.500	0.500	1	A

Project Name: FORMER COYNE TEXTILE
Project Number: 059294.001

Lab Number: L2324376
Report Date: 05/17/23

SAMPLE RESULTS

Lab ID: L2324376-05
 Client ID: MW-105D-20230503
 Sample Location: SYRACUSE,NY

Date Collected: 05/03/23 15:50
 Date Received: 05/03/23
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 1,8260D
 Analytical Date: 05/14/23 14:11
 Analyst: JIC

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	1.3		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	0.10	J	ug/l	1.0	0.07	1
Chloroethane	0.90	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	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1

Project Name: FORMER COYNE TEXTILE
Project Number: 059294.001

Lab Number: L2324376
Report Date: 05/17/23

SAMPLE RESULTS

Lab ID: L2324376-05
 Client ID: MW-105D-20230503
 Sample Location: SYRACUSE,NY

Date Collected: 05/03/23 15:50
 Date Received: 05/03/23
 Field Prep: Not Specified

Sample Depth:

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

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	109		70-130
Toluene-d8	97		70-130
4-Bromofluorobenzene	102		70-130
Dibromofluoromethane	100		70-130

Project Name: FORMER COYNE TEXTILE**Lab Number:** L2324376**Project Number:** 059294.001**Report Date:** 05/17/23**SAMPLE RESULTS**

Lab ID: L2324376-05
 Client ID: MW-105D-20230503
 Sample Location: SYRACUSE,NY

Date Collected: 05/03/23 15:50
 Date Received: 05/03/23
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 117,-
 Analytical Date: 05/05/23 19:39
 Analyst: SRO

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Dissolved Gases by GC - Mansfield Lab						
Carbon Dioxide	85.4		mg/l	3.00	3.00	1

Project Name: FORMER COYNE TEXTILE**Lab Number:** L2324376**Project Number:** 059294.001**Report Date:** 05/17/23**SAMPLE RESULTS**

Lab ID: L2324376-05
 Client ID: MW-105D-20230503
 Sample Location: SYRACUSE,NY

Date Collected: 05/03/23 15:50
 Date Received: 05/03/23
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 117,-
 Analytical Date: 05/12/23 17:45
 Analyst: SRO

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Dissolved Gases by GC - Mansfield Lab							
Methane	2560		ug/l	2.00	2.00	1	A
Ethene	ND		ug/l	0.500	0.500	1	A
Ethane	2.35		ug/l	0.500	0.500	1	A

Project Name: FORMER COYNE TEXTILE
Project Number: 059294.001

Lab Number: L2324376
Report Date: 05/17/23

SAMPLE RESULTS

Lab ID: L2324376-06
 Client ID: CHA-1-20230503
 Sample Location: SYRACUSE,NY

Date Collected: 05/03/23 12:00
 Date Received: 05/03/23
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 1,8260D
 Analytical Date: 05/14/23 14:33
 Analyst: JIC

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	6.2		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	0.36	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	620	E	ug/l	1.0	0.07	1
Chloroethane	1.4	J	ug/l	2.5	0.70	1
1,1-Dichloroethene	0.36	J	ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	2.2	J	ug/l	2.5	0.70	1
Trichloroethene	8.1		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1

Project Name: FORMER COYNE TEXTILE
Project Number: 059294.001

Lab Number: L2324376
Report Date: 05/17/23

SAMPLE RESULTS

Lab ID: L2324376-06
Client ID: CHA-1-20230503
Sample Location: SYRACUSE,NY

Date Collected: 05/03/23 12:00
Date Received: 05/03/23
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.70	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	88		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	105		70-130
Toluene-d8	98		70-130
4-Bromofluorobenzene	107		70-130
Dibromofluoromethane	103		70-130

Project Name: FORMER COYNE TEXTILE**Lab Number:** L2324376**Project Number:** 059294.001**Report Date:** 05/17/23**SAMPLE RESULTS**

Lab ID: L2324376-06
 Client ID: CHA-1-20230503
 Sample Location: SYRACUSE,NY

Date Collected: 05/03/23 12:00
 Date Received: 05/03/23
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 117,-
 Analytical Date: 05/05/23 19:57
 Analyst: SRO

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Dissolved Gases by GC - Mansfield Lab						
Carbon Dioxide	66.9		mg/l	3.00	3.00	1

Project Name: FORMER COYNE TEXTILE**Lab Number:** L2324376**Project Number:** 059294.001**Report Date:** 05/17/23**SAMPLE RESULTS**

Lab ID: L2324376-06
 Client ID: CHA-1-20230503
 Sample Location: SYRACUSE,NY

Date Collected: 05/03/23 12:00
 Date Received: 05/03/23
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 117,-
 Analytical Date: 05/11/23 18:51
 Analyst: SRO

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Dissolved Gases by GC - Mansfield Lab							
Methane	5040		ug/l	2.00	2.00	1	A
Ethene	86.3		ug/l	0.500	0.500	1	A
Ethane	140		ug/l	0.500	0.500	1	A

Project Name: FORMER COYNE TEXTILE
Project Number: 059294.001

Lab Number: L2324376
Report Date: 05/17/23

SAMPLE RESULTS

Lab ID: L2324376-06 D
 Client ID: CHA-1-20230503
 Sample Location: SYRACUSE,NY

Date Collected: 05/03/23 12:00
 Date Received: 05/03/23
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 1,8260D
 Analytical Date: 05/17/23 01:15
 Analyst: MJV

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Vinyl chloride	500		ug/l	10	0.71	10

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	101		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	104		70-130
Dibromofluoromethane	95		70-130

Project Name: FORMER COYNE TEXTILE
Project Number: 059294.001

Lab Number: L2324376
Report Date: 05/17/23

SAMPLE RESULTS

Lab ID: L2324376-07
 Client ID: TRIP BLANK-20230503
 Sample Location: SYRACUSE,NY

Date Collected: 05/03/23 00:00
 Date Received: 05/03/23
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 1,8260D
 Analytical Date: 05/14/23 09:34
 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: FORMER COYNE TEXTILE
Project Number: 059294.001

Lab Number: L2324376
Report Date: 05/17/23

SAMPLE RESULTS

Lab ID: L2324376-07
 Client ID: TRIP BLANK-20230503
 Sample Location: SYRACUSE,NY

Date Collected: 05/03/23 00:00
 Date Received: 05/03/23
 Field Prep: Not Specified

Sample Depth:

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

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	108		70-130
Toluene-d8	98		70-130
4-Bromofluorobenzene	101		70-130
Dibromofluoromethane	103		70-130

Project Name: FORMER COYNE TEXTILE**Lab Number:** L2324376**Project Number:** 059294.001**Report Date:** 05/17/23**Method Blank Analysis**
Batch Quality ControlAnalytical Method: 117,-
Analytical Date: 05/05/23 06:42
Analyst: SRO

Parameter	Result	Qualifier	Units	RL	MDL
Dissolved Gases by GC - Mansfield Lab for sample(s): 03 Batch: WG1775064-3					
Carbon Dioxide	ND		mg/l	3.00	3.00

Project Name: FORMER COYNE TEXTILE**Lab Number:** L2324376**Project Number:** 059294.001**Report Date:** 05/17/23**Method Blank Analysis**
Batch Quality ControlAnalytical Method: 117,-
Analytical Date: 05/05/23 16:23
Analyst: SRO

Parameter	Result	Qualifier	Units	RL	MDL
Dissolved Gases by GC - Mansfield Lab for sample(s): 01-02,04-06 Batch: WG1776096-3					
Carbon Dioxide	ND		mg/l	3.00	3.00

Project Name: FORMER COYNE TEXTILE
Project Number: 059294.001

Lab Number: L2324376
Report Date: 05/17/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 117,-
Analytical Date: 05/11/23 14:11
Analyst: SRO

Parameter	Result	Qualifier	Units	RL	MDL	
Dissolved Gases by GC - Mansfield Lab for sample(s): 01-04,06 Batch: WG1777653-3						
Methane	ND		ug/l	2.00	2.00	A
Ethene	ND		ug/l	0.500	0.500	A
Ethane	ND		ug/l	0.500	0.500	A

Project Name: FORMER COYNE TEXTILE
Project Number: 059294.001

Lab Number: L2324376
Report Date: 05/17/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 05/14/23 08:09
Analyst: MJV

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-07 Batch: WG1778909-5					
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
Project Number: 059294.001

Lab Number: L2324376
Report Date: 05/17/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 05/14/23 08:09
Analyst: MJV

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-07 Batch: WG1778909-5					
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70
Methyl tert butyl ether	ND		ug/l	2.5	0.70
p/m-Xylene	ND		ug/l	2.5	0.70
o-Xylene	ND		ug/l	2.5	0.70
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70
Styrene	ND		ug/l	2.5	0.70
Dichlorodifluoromethane	ND		ug/l	5.0	1.0
Acetone	ND		ug/l	5.0	1.5
Carbon disulfide	ND		ug/l	5.0	1.0
2-Butanone	ND		ug/l	5.0	1.9
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0
2-Hexanone	ND		ug/l	5.0	1.0
Bromochloromethane	ND		ug/l	2.5	0.70
1,2-Dibromoethane	ND		ug/l	2.0	0.65
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70
Isopropylbenzene	ND		ug/l	2.5	0.70
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70
Methyl Acetate	ND		ug/l	2.0	0.23
Cyclohexane	ND		ug/l	10	0.27
1,4-Dioxane	ND		ug/l	250	61.
Freon-113	ND		ug/l	2.5	0.70
Methyl cyclohexane	ND		ug/l	10	0.40

Project Name: FORMER COYNE TEXTILE
Project Number: 059294.001

Lab Number: L2324376
Report Date: 05/17/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 05/14/23 08:09
Analyst: MJV

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-07 Batch: WG1778909-5					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	107		70-130
Toluene-d8	99		70-130
4-Bromofluorobenzene	102		70-130
Dibromofluoromethane	105		70-130

Project Name: FORMER COYNE TEXTILE**Lab Number:** L2324376**Project Number:** 059294.001**Report Date:** 05/17/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 117,-
 Analytical Date: 05/12/23 08:27
 Analyst: SRO

Parameter	Result	Qualifier	Units	RL	MDL	
Dissolved Gases by GC - Mansfield Lab for sample(s): 05 Batch: WG1778973-3						
Methane	ND		ug/l	2.00	2.00	A
Ethene	ND		ug/l	0.500	0.500	A
Ethane	ND		ug/l	0.500	0.500	A

Project Name: FORMER COYNE TEXTILE
Project Number: 059294.001

Lab Number: L2324376
Report Date: 05/17/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 05/16/23 19:17
Analyst: LAC

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-03,06 Batch: WG1780033-5					
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
Project Number: 059294.001

Lab Number: L2324376
Report Date: 05/17/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 05/16/23 19:17
Analyst: LAC

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-03,06 Batch: WG1780033-5					
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70
Methyl tert butyl ether	ND		ug/l	2.5	0.70
p/m-Xylene	ND		ug/l	2.5	0.70
o-Xylene	ND		ug/l	2.5	0.70
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70
Styrene	ND		ug/l	2.5	0.70
Dichlorodifluoromethane	ND		ug/l	5.0	1.0
Acetone	ND		ug/l	5.0	1.5
Carbon disulfide	ND		ug/l	5.0	1.0
2-Butanone	ND		ug/l	5.0	1.9
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0
2-Hexanone	ND		ug/l	5.0	1.0
Bromochloromethane	ND		ug/l	2.5	0.70
1,2-Dibromoethane	ND		ug/l	2.0	0.65
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70
Isopropylbenzene	ND		ug/l	2.5	0.70
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70
Methyl Acetate	ND		ug/l	2.0	0.23
Cyclohexane	ND		ug/l	10	0.27
1,4-Dioxane	ND		ug/l	250	61.
Freon-113	ND		ug/l	2.5	0.70
Methyl cyclohexane	ND		ug/l	10	0.40

Project Name: FORMER COYNE TEXTILE
Project Number: 059294.001

Lab Number: L2324376
Report Date: 05/17/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 05/16/23 19:17
Analyst: LAC

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-03,06 Batch: WG1780033-5					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	105		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	109		70-130
Dibromofluoromethane	97		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: FORMER COYNE TEXTILE

Lab Number: L2324376

Project Number: 059294.001

Report Date: 05/17/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Dissolved Gases by GC - Mansfield Lab Associated sample(s): 03 Batch: WG1775064-2								
Carbon Dioxide	105		-		80-120	-		

Lab Control Sample Analysis Batch Quality Control

Project Name: FORMER COYNE TEXTILE
Project Number: 059294.001

Lab Number: L2324376
Report Date: 05/17/23

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): 01-02,04-06 Batch: WG1776096-2								
Carbon Dioxide	101		-		80-120	-		



Lab Control Sample Analysis

Batch Quality Control

Project Name: FORMER COYNE TEXTILE

Project Number: 059294.001

Lab Number: L2324376

Report Date: 05/17/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Dissolved Gases by GC - Mansfield Lab Associated sample(s): 01-04,06 Batch: WG1777653-2									
Methane	107		-		80-120	-		25	A
Ethene	97		-		80-120	-		25	A
Ethane	95		-		80-120	-		25	A

Lab Control Sample Analysis

Batch Quality Control

Project Name: FORMER COYNE TEXTILE
Project Number: 059294.001

Lab Number: L2324376
Report Date: 05/17/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-07 Batch: WG1778909-3 WG1778909-4								
Methylene chloride	93		94		70-130	1		20
1,1-Dichloroethane	97		98		70-130	1		20
Chloroform	89		98		70-130	10		20
Carbon tetrachloride	99		98		63-132	1		20
1,2-Dichloropropane	86		94		70-130	9		20
Dibromochloromethane	85		88		63-130	3		20
1,1,2-Trichloroethane	91		92		70-130	1		20
Tetrachloroethene	96		94		70-130	2		20
Chlorobenzene	94		93		75-130	1		20
Trichlorofluoromethane	100		89		62-150	12		20
1,2-Dichloroethane	96		97		70-130	1		20
1,1,1-Trichloroethane	89		99		67-130	11		20
Bromodichloromethane	88		92		67-130	4		20
trans-1,3-Dichloropropene	91		89		70-130	2		20
cis-1,3-Dichloropropene	89		91		70-130	2		20
Bromoform	78		83		54-136	6		20
1,1,2,2-Tetrachloroethane	89		92		67-130	3		20
Benzene	92		96		70-130	4		20
Toluene	96		93		70-130	3		20
Ethylbenzene	96		93		70-130	3		20
Chloromethane	96		88		64-130	9		20
Bromomethane	82		77		39-139	6		20
Vinyl chloride	95		95		55-140	0		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: FORMER COYNE TEXTILE
Project Number: 059294.001

Lab Number: L2324376
Report Date: 05/17/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-07 Batch: WG1778909-3 WG1778909-4								
Chloroethane	110		110		55-138	0		20
1,1-Dichloroethene	79		86		61-145	8		20
trans-1,2-Dichloroethene	81		89		70-130	9		20
Trichloroethene	88		87		70-130	1		20
1,2-Dichlorobenzene	91		96		70-130	5		20
1,3-Dichlorobenzene	95		96		70-130	1		20
1,4-Dichlorobenzene	92		94		70-130	2		20
Methyl tert butyl ether	81		86		63-130	6		20
p/m-Xylene	95		95		70-130	0		20
o-Xylene	95		95		70-130	0		20
cis-1,2-Dichloroethene	88		83		70-130	6		20
Styrene	95		95		70-130	0		20
Dichlorodifluoromethane	96		92		36-147	4		20
Acetone	76		88		58-148	15		20
Carbon disulfide	96		94		51-130	2		20
2-Butanone	59	Q	55	Q	63-138	7		20
4-Methyl-2-pentanone	80		78		59-130	3		20
2-Hexanone	76		82		57-130	8		20
Bromochloromethane	89		93		70-130	4		20
1,2-Dibromoethane	89		90		70-130	1		20
1,2-Dibromo-3-chloropropane	74		86		41-144	15		20
Isopropylbenzene	93		96		70-130	3		20
1,2,3-Trichlorobenzene	84		90		70-130	7		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: FORMER COYNE TEXTILE
Project Number: 059294.001

Lab Number: L2324376
Report Date: 05/17/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-07 Batch: WG1778909-3 WG1778909-4								
1,2,4-Trichlorobenzene	91		95		70-130	4		20
Methyl Acetate	90		89		70-130	1		20
Cyclohexane	78		85		70-130	9		20
1,4-Dioxane	92		116		56-162	23	Q	20
Freon-113	83		98		70-130	17		20
Methyl cyclohexane	90		94		70-130	4		20

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	94		105		70-130
Toluene-d8	100		100		70-130
4-Bromofluorobenzene	102		101		70-130
Dibromofluoromethane	84		104		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: FORMER COYNE TEXTILE

Project Number: 059294.001

Lab Number: L2324376

Report Date: 05/17/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Dissolved Gases by GC - Mansfield Lab Associated sample(s): 05 Batch: WG1778973-2									
Methane	86		-		80-120	-		25	A
Ethene	80		-		80-120	-		25	A
Ethane	80		-		80-120	-		25	A

Lab Control Sample Analysis

Batch Quality Control

Project Name: FORMER COYNE TEXTILE

Lab Number: L2324376

Project Number: 059294.001

Report Date: 05/17/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-03,06 Batch: WG1780033-3 WG1780033-4								
Methylene chloride	98		100		70-130	2		20
1,1-Dichloroethane	100		110		70-130	10		20
Chloroform	95		96		70-130	1		20
Carbon tetrachloride	92		92		63-132	0		20
1,2-Dichloropropane	110		110		70-130	0		20
Dibromochloromethane	85		85		63-130	0		20
1,1,2-Trichloroethane	96		96		70-130	0		20
Tetrachloroethene	91		94		70-130	3		20
Chlorobenzene	92		95		75-130	3		20
Trichlorofluoromethane	82		82		62-150	0		20
1,2-Dichloroethane	100		100		70-130	0		20
1,1,1-Trichloroethane	92		94		67-130	2		20
Bromodichloromethane	95		95		67-130	0		20
trans-1,3-Dichloropropene	92		93		70-130	1		20
cis-1,3-Dichloropropene	100		100		70-130	0		20
Bromoform	82		82		54-136	0		20
1,1,2,2-Tetrachloroethane	96		96		67-130	0		20
Benzene	100		100		70-130	0		20
Toluene	94		98		70-130	4		20
Ethylbenzene	92		94		70-130	2		20
Chloromethane	90		90		64-130	0		20
Bromomethane	47		51		39-139	8		20
Vinyl chloride	81		81		55-140	0		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: FORMER COYNE TEXTILE
Project Number: 059294.001

Lab Number: L2324376
Report Date: 05/17/23

Parameter	LCS		LCSD		%Recovery Limits	RPD	Qual	RPD Limits
	%Recovery	Qual	%Recovery	Qual				
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-03,06 Batch: WG1780033-3 WG1780033-4								
Chloroethane	76		84		55-138	10		20
1,1-Dichloroethene	90		89		61-145	1		20
trans-1,2-Dichloroethene	93		95		70-130	2		20
Trichloroethene	89		94		70-130	5		20
1,2-Dichlorobenzene	93		94		70-130	1		20
1,3-Dichlorobenzene	88		90		70-130	2		20
1,4-Dichlorobenzene	92		93		70-130	1		20
Methyl tert butyl ether	100		100		63-130	0		20
p/m-Xylene	90		90		70-130	0		20
o-Xylene	90		90		70-130	0		20
cis-1,2-Dichloroethene	93		96		70-130	3		20
Styrene	90		90		70-130	0		20
Dichlorodifluoromethane	54		53		36-147	2		20
Acetone	90		93		58-148	3		20
Carbon disulfide	91		92		51-130	1		20
2-Butanone	110		100		63-138	10		20
4-Methyl-2-pentanone	100		100		59-130	0		20
2-Hexanone	88		85		57-130	3		20
Bromochloromethane	95		95		70-130	0		20
1,2-Dibromoethane	92		91		70-130	1		20
1,2-Dibromo-3-chloropropane	85		83		41-144	2		20
Isopropylbenzene	92		94		70-130	2		20
1,2,3-Trichlorobenzene	89		89		70-130	0		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: FORMER COYNE TEXTILE
Project Number: 059294.001

Lab Number: L2324376
Report Date: 05/17/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-03,06 Batch: WG1780033-3 WG1780033-4								
1,2,4-Trichlorobenzene	91		91		70-130	0		20
Methyl Acetate	120		120		70-130	0		20
Cyclohexane	110		110		70-130	0		20
1,4-Dioxane	120		114		56-162	5		20
Freon-113	86		89		70-130	3		20
Methyl cyclohexane	94		97		70-130	3		20

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	112		109		70-130
Toluene-d8	100		100		70-130
4-Bromofluorobenzene	106		109		70-130
Dibromofluoromethane	99		98		70-130

Matrix Spike Analysis

Batch Quality Control

Project Name: FORMER COYNE TEXTILE

Lab Number: L2324376

Project Number: 059294.001

Report Date: 05/17/23

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): 03 QC Batch ID: WG1775064-4 WG1775064-5 QC Sample: L2324376-03 Client ID: MW-7R-20230503												
Carbon Dioxide	49.1	12	63.8	123	Q	65.5	137	Q	80-120	3		25

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): 01-02,04-06 QC Batch ID: WG1776096-5 QC Sample: L2324376-02 Client ID: MW-6R-20230503												
Carbon Dioxide	57.2	12	70.8	113		-	-		80-120	-		25

Matrix Spike Analysis

Batch Quality Control

Project Name: FORMER COYNE TEXTILE

Project Number: 059294.001

Lab Number: L2324376

Report Date: 05/17/23

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits	Column
Dissolved Gases by GC - Mansfield Lab Associated sample(s): 01-04,06 QC Batch ID: WG1777653-4 WG1777653-5 QC Sample: L2324376-03 Client ID: MW-7R-20230503													
Methane	2890	54.6	2920	55	Q	2910	37	Q	80-120	0		25	A
Ethene	8.40	95.5	98.0	94		96.4	92		80-120	2		25	A
Ethane	5.35	102	100	92		96.1	89		80-120	4		25	A

Matrix Spike Analysis

Batch Quality Control

Project Name: FORMER COYNE TEXTILE
Project Number: 059294.001

Lab Number: L2324376
Report Date: 05/17/23

<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: WG1778909-6 WG1778909-7 QC Sample: L2324376-03 Client ID: MW-7R-20230503												
Methylene chloride	ND	10	10	100		11	110		70-130	10		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	11	110		12	120		63-132	9		20
1,2-Dichloropropane	ND	10	10	100		11	110		70-130	10		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	13	130		14	140		62-150	7		20
1,2-Dichloroethane	ND	10	11	110		12	120		70-130	9		20
1,1,1-Trichloroethane	ND	10	11	110		11	110		67-130	0		20
Bromodichloromethane	ND	10	10	100		11	110		67-130	10		20
trans-1,3-Dichloropropene	ND	10	9.8	98		9.9	99		70-130	1		20
cis-1,3-Dichloropropene	ND	10	9.4	94		10	100		70-130	6		20
Bromoform	ND	10	8.9	89		9.3	93		54-136	4		20
1,1,2,2-Tetrachloroethane	ND	10	11	110		11	110		67-130	0		20
Benzene	0.20J	10	11	110		12	120		70-130	9		20
Toluene	ND	10	11	110		11	110		70-130	0		20
Ethylbenzene	ND	10	11	110		11	110		70-130	0		20
Chloromethane	ND	10	10	100		10	100		64-130	0		20
Bromomethane	ND	10	6.3	63		7.6	76		39-139	19		20
Vinyl chloride	140	10	150	100		160	200	Q	55-140	6		20

Matrix Spike Analysis

Batch Quality Control

Project Name: FORMER COYNE TEXTILE

Lab Number: L2324376

Project Number: 059294.001

Report Date: 05/17/23

<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: WG1778909-6 WG1778909-7 QC Sample: L2324376-03 Client ID: MW-7R-20230503												
Chloroethane	ND	10	14	140	Q	14	140	Q	55-138	0		20
1,1-Dichloroethene	1.9	10	14	121		14	121		61-145	0		20
trans-1,2-Dichloroethene	1.1J	10	12	120		12	120		70-130	0		20
Trichloroethene	ND	10	10	100		12	120		70-130	18		20
1,2-Dichlorobenzene	ND	10	10	100		11	110		70-130	10		20
1,3-Dichlorobenzene	ND	10	11	110		10	100		70-130	10		20
1,4-Dichlorobenzene	ND	10	11	110		10	100		70-130	10		20
Methyl tert butyl ether	ND	10	9.8	98		10	100		63-130	2		20
p/m-Xylene	ND	20	21	105		21	105		70-130	0		20
o-Xylene	ND	20	22	110		22	110		70-130	0		20
cis-1,2-Dichloroethene	400E	10	360E	0	Q	410E	100		70-130	13		20
Styrene	ND	20	22	110		22	110		70-130	0		20
Dichlorodifluoromethane	ND	10	11	110		10	100		36-147	10		20
Acetone	ND	10	13	130		12	120		58-148	8		20
Carbon disulfide	ND	10	12	120		12	120		51-130	0		20
2-Butanone	ND	10	8.4	84		13	130		63-138	43	Q	20
4-Methyl-2-pentanone	ND	10	9.6	96		9.9	99		59-130	3		20
2-Hexanone	ND	10	9.6	96		10	100		57-130	4		20
Bromochloromethane	ND	10	9.6	96		11	110		70-130	14		20
1,2-Dibromoethane	ND	10	11	110		11	110		70-130	0		20
1,2-Dibromo-3-chloropropane	ND	10	8.4	84		9.8	98		41-144	15		20
Isopropylbenzene	ND	10	11	110		11	110		70-130	0		20
1,2,3-Trichlorobenzene	ND	10	10	100		10	100		70-130	0		20

Matrix Spike Analysis

Batch Quality Control

Project Name: FORMER COYNE TEXTILE
Project Number: 059294.001

Lab Number: L2324376
Report Date: 05/17/23

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: WG1778909-6 WG1778909-7 QC Sample: L2324376-03 Client ID: MW-7R-20230503												
1,2,4-Trichlorobenzene	ND	10	10	100		10	100		70-130	0		20
Methyl Acetate	ND	10	10	100		11	110		70-130	10		20
Cyclohexane	ND	10	9.9J	99		10	100		70-130	1		20
1,4-Dioxane	ND	500	650	130		630	126		56-162	3		20
Freon-113	ND	10	11	110		11	110		70-130	0		20
Methyl cyclohexane	ND	10	10	100		10	100		70-130	0		20

Surrogate	MS		MSD		Acceptance Criteria
	% Recovery	Qualifier	% Recovery	Qualifier	
1,2-Dichloroethane-d4	108		109		70-130
4-Bromofluorobenzene	103		99		70-130
Dibromofluoromethane	98		107		70-130
Toluene-d8	98		103		70-130

Lab Duplicate Analysis
Batch Quality Control

Project Name: FORMER COYNE TEXTILE
Project Number: 059294.001

Lab Number: L2324376
Report Date: 05/17/23

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Dissolved Gases by GC - Mansfield Lab Associated sample(s): 01-02,04-06 QC Batch ID: WG1776096-4 QC Sample: L2324376-01 Client ID: MW-5R-20230503						
Carbon Dioxide	41.7	44.4	mg/l	6		25



METALS

Project Name: FORMER COYNE TEXTILE
Project Number: 059294.001

Lab Number: L2324376
Report Date: 05/17/23

SAMPLE RESULTS

Lab ID: L2324376-01
 Client ID: MW-5R-20230503
 Sample Location: SYRACUSE,NY

Date Collected: 05/03/23 10:25
 Date Received: 05/03/23
 Field Prep: Not Specified

Sample Depth:
 Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Iron, Total	4.73		mg/l	0.0500	0.0090	1	05/12/23 12:08	05/15/23 23:55	EPA 3005A	1,6010D	GCL



Project Name: FORMER COYNE TEXTILE
Project Number: 059294.001

Lab Number: L2324376
Report Date: 05/17/23

SAMPLE RESULTS

Lab ID: L2324376-02
 Client ID: MW-6R-20230503
 Sample Location: SYRACUSE,NY

Date Collected: 05/03/23 12:05
 Date Received: 05/03/23
 Field Prep: Not Specified

Sample Depth:
 Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Iron, Total	7.42		mg/l	0.0500	0.0090	1	05/12/23 12:08	05/16/23 00:00	EPA 3005A	1,6010D	GCL



Project Name: FORMER COYNE TEXTILE**Lab Number:** L2324376**Project Number:** 059294.001**Report Date:** 05/17/23**SAMPLE RESULTS**

Lab ID: L2324376-03

Date Collected: 05/03/23 13:10

Client ID: MW-7R-20230503

Date Received: 05/03/23

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
Total Metals - Mansfield Lab											
Iron, Total	5.02		mg/l	0.0500	0.0090	1	05/12/23 12:08	05/15/23 23:09	EPA 3005A	1,6010D	GCL



Project Name: FORMER COYNE TEXTILE
Project Number: 059294.001

Lab Number: L2324376
Report Date: 05/17/23

SAMPLE RESULTS

Lab ID: L2324376-04
 Client ID: MW-4-20230503
 Sample Location: SYRACUSE,NY

Date Collected: 05/03/23 14:00
 Date Received: 05/03/23
 Field Prep: Not Specified

Sample Depth:
 Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Iron, Total	142.		mg/l	0.0500	0.0090	1	05/12/23 12:08	05/16/23 00:05	EPA 3005A	1,6010D	GCL



Project Name: FORMER COYNE TEXTILE**Lab Number:** L2324376**Project Number:** 059294.001**Report Date:** 05/17/23**SAMPLE RESULTS**

Lab ID: L2324376-05

Date Collected: 05/03/23 15:50

Client ID: MW-105D-20230503

Date Received: 05/03/23

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
Total Metals - Mansfield Lab											
Iron, Total	1.75		mg/l	0.0500	0.0090	1	05/12/23 12:08	05/16/23 00:10	EPA 3005A	1,6010D	GCL



Project Name: FORMER COYNE TEXTILE
Project Number: 059294.001

Lab Number: L2324376
Report Date: 05/17/23

SAMPLE RESULTS

Lab ID: L2324376-06
 Client ID: CHA-1-20230503
 Sample Location: SYRACUSE,NY

Date Collected: 05/03/23 12:00
 Date Received: 05/03/23
 Field Prep: Not Specified

Sample Depth:
 Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Iron, Total	7.37		mg/l	0.0500	0.0090	1	05/12/23 12:08	05/16/23 00:15	EPA 3005A	1,6010D	GCL



Project Name: FORMER COYNE TEXTILE
Project Number: 059294.001

Lab Number: L2324376
Report Date: 05/17/23

Method Blank Analysis Batch Quality Control

Parameter	Result Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01-06 Batch: WG1778211-1									
Iron, Total	ND	mg/l	0.0500	0.0090	1	05/12/23 12:08	05/15/23 22:46	1,6010D	GCL

Prep Information

Digestion Method: EPA 3005A

Lab Control Sample Analysis

Batch Quality Control

Project Name: FORMER COYNE TEXTILE
Project Number: 059294.001

Lab Number: L2324376
Report Date: 05/17/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-06 Batch: WG1778211-2								
Iron, Total	101		-		80-120	-		

Matrix Spike Analysis
Batch Quality Control

Project Name: FORMER COYNE TEXTILE

Lab Number: L2324376

Project Number: 059294.001

Report Date: 05/17/23

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: WG1778211-3 WG1778211-4 QC Sample: L2324376-03 Client ID: MW-7R-20230503									
Iron, Total	5.02	1	5.97	95	5.93	91	75-125	1	20

INORGANICS & MISCELLANEOUS

Project Name: FORMER COYNE TEXTILE
Project Number: 059294.001

Lab Number: L2324376
Report Date: 05/17/23

SAMPLE RESULTS

Lab ID: L2324376-01
Client ID: MW-5R-20230503
Sample Location: SYRACUSE,NY

Date Collected: 05/03/23 10:25
Date Received: 05/03/23
Field Prep: Not Specified

Sample Depth:
Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Alkalinity, Total	322.		mg CaCO3/L	2.00	NA	1	-	05/16/23 09:03	121,2320B	MKT
Total Organic Carbon	5.96		mg/l	0.500	0.097	1	-	05/08/23 12:48	121,5310C	SMD
Anions by Ion Chromatography - Westborough Lab										
Chloride	188.		mg/l	5.00	0.839	10	-	05/04/23 14:29	44,300.0	CVN
Nitrogen, Nitrate	2.14		mg/l	0.500	0.128	10	-	05/04/23 14:29	44,300.0	CVN
Sulfate	169.		mg/l	10.0	4.54	10	-	05/04/23 14:29	44,300.0	CVN



Project Name: FORMER COYNE TEXTILE
Project Number: 059294.001

Lab Number: L2324376
Report Date: 05/17/23

SAMPLE RESULTS

Lab ID: L2324376-02
Client ID: MW-6R-20230503
Sample Location: SYRACUSE,NY

Date Collected: 05/03/23 12:05
Date Received: 05/03/23
Field Prep: Not Specified

Sample Depth:
Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Alkalinity, Total	350.		mg CaCO3/L	2.00	NA	1	-	05/16/23 09:11	121,2320B	MKT
Total Organic Carbon	9.36		mg/l	0.500	0.097	1	-	05/08/23 13:19	121,5310C	SMD
Anions by Ion Chromatography - Westborough Lab										
Chloride	245.		mg/l	5.00	0.839	10	-	05/04/23 14:40	44,300.0	CVN
Nitrogen, Nitrate	0.521		mg/l	0.050	0.012	1	-	05/04/23 12:29	44,300.0	CVN
Sulfate	42.8		mg/l	1.00	0.454	1	-	05/04/23 12:29	44,300.0	CVN



Project Name: FORMER COYNE TEXTILE
Project Number: 059294.001

Lab Number: L2324376
Report Date: 05/17/23

SAMPLE RESULTS

Lab ID: L2324376-03
Client ID: MW-7R-20230503
Sample Location: SYRACUSE,NY

Date Collected: 05/03/23 13:10
Date Received: 05/03/23
Field Prep: Not Specified

Sample Depth:
Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Alkalinity, Total	297.		mg CaCO3/L	2.00	NA	1	-	05/16/23 09:20	121,2320B	MKT
Total Organic Carbon	2.95		mg/l	0.500	0.097	1	-	05/08/23 13:48	121,5310C	SMD
Anions by Ion Chromatography - Westborough Lab										
Chloride	316.		mg/l	5.00	0.839	10	-	05/04/23 14:51	44,300.0	CVN
Nitrogen, Nitrate	0.761		mg/l	0.050	0.012	1	-	05/04/23 12:40	44,300.0	CVN
Sulfate	65.8		mg/l	1.00	0.454	1	-	05/04/23 12:40	44,300.0	CVN



Project Name: FORMER COYNE TEXTILE
Project Number: 059294.001

Lab Number: L2324376
Report Date: 05/17/23

SAMPLE RESULTS

Lab ID: L2324376-04
Client ID: MW-4-20230503
Sample Location: SYRACUSE,NY

Date Collected: 05/03/23 14:00
Date Received: 05/03/23
Field Prep: Not Specified

Sample Depth:
Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Alkalinity, Total	941.		mg CaCO3/L	10.0	NA	5	-	05/16/23 11:04	121,2320B	MKT
Total Organic Carbon	30.4		mg/l	4.00	0.776	8	-	05/08/23 20:36	121,5310C	SMD
Anions by Ion Chromatography - Westborough Lab										
Chloride	197.		mg/l	5.00	0.839	10	-	05/04/23 15:02	44,300.0	CVN
Nitrogen, Nitrate	0.366		mg/l	0.050	0.012	1	-	05/04/23 12:51	44,300.0	CVN
Sulfate	33.8		mg/l	1.00	0.454	1	-	05/04/23 12:51	44,300.0	CVN



Project Name: FORMER COYNE TEXTILE
Project Number: 059294.001

Lab Number: L2324376
Report Date: 05/17/23

SAMPLE RESULTS

Lab ID: L2324376-05
Client ID: MW-105D-20230503
Sample Location: SYRACUSE,NY

Date Collected: 05/03/23 15:50
Date Received: 05/03/23
Field Prep: Not Specified

Sample Depth:
Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Alkalinity, Total	460.		mg CaCO3/L	2.00	NA	1	-	05/16/23 10:03	121,2320B	MKT
Total Organic Carbon	5.87		mg/l	0.500	0.097	1	-	05/08/23 15:47	121,5310C	SMD
Anions by Ion Chromatography - Westborough Lab										
Chloride	67.9		mg/l	5.00	0.839	10	-	05/04/23 13:13	44,300.0	CVN
Nitrogen, Nitrate	0.542		mg/l	0.050	0.012	1	-	05/04/23 13:02	44,300.0	CVN
Sulfate	43.0		mg/l	1.00	0.454	1	-	05/04/23 13:02	44,300.0	CVN



Project Name: FORMER COYNE TEXTILE
Project Number: 059294.001

Lab Number: L2324376
Report Date: 05/17/23

SAMPLE RESULTS

Lab ID: L2324376-06
Client ID: CHA-1-20230503
Sample Location: SYRACUSE,NY

Date Collected: 05/03/23 12:00
Date Received: 05/03/23
Field Prep: Not Specified

Sample Depth:
Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Alkalinity, Total	348.		mg CaCO3/L	2.00	NA	1	-	05/16/23 10:15	121,2320B	MKT
Total Organic Carbon	10.0		mg/l	1.00	0.194	2	-	05/08/23 16:14	121,5310C	SMD
Anions by Ion Chromatography - Westborough Lab										
Chloride	239.		mg/l	5.00	0.839	10	-	05/04/23 15:13	44,300.0	CVN
Nitrogen, Nitrate	0.515		mg/l	0.050	0.012	1	-	05/04/23 13:45	44,300.0	CVN
Sulfate	42.9		mg/l	1.00	0.454	1	-	05/04/23 13:45	44,300.0	CVN



Project Name: FORMER COYNE TEXTILE
Project Number: 059294.001

Lab Number: L2324376
Report Date: 05/17/23

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Anions by Ion Chromatography - Westborough Lab for sample(s): 01-06 Batch: WG1774875-1										
Chloride	0.222	J	mg/l	0.500	0.083	1	-	05/04/23 11:56	44,300.0	CVN
Nitrogen, Nitrate	0.013	J	mg/l	0.050	0.012	1	-	05/04/23 11:56	44,300.0	CVN
Sulfate	ND		mg/l	1.00	0.454	1	-	05/04/23 11:56	44,300.0	CVN
General Chemistry - Westborough Lab for sample(s): 01-06 Batch: WG1776036-1										
Total Organic Carbon	ND		mg/l	0.500	0.097	1	-	05/08/23 09:51	121,5310C	SMD
General Chemistry - Westborough Lab for sample(s): 01-06 Batch: WG1779343-1										
Alkalinity, Total	ND		mg CaCO3/L	2.00	NA	1	-	05/16/23 10:39	121,2320B	MKT

Lab Control Sample Analysis

Batch Quality Control

Project Name: FORMER COYNE TEXTILE
Project Number: 059294.001

Lab Number: L2324376
Report Date: 05/17/23

Parameter	LCS		LCSD		%Recovery Limits	RPD	Qual	RPD Limits
	%Recovery	Qual	%Recovery	Qual				
Anions by Ion Chromatography - Westborough Lab Associated sample(s): 01-06 Batch: WG1774875-2								
Chloride	95		-		90-110	-		
Nitrogen, Nitrate	90		-		90-110	-		
Sulfate	99		-		90-110	-		
General Chemistry - Westborough Lab Associated sample(s): 01-06 Batch: WG1776036-2								
Total Organic Carbon	96		-		90-110	-		
General Chemistry - Westborough Lab Associated sample(s): 01-06 Batch: WG1779343-2								
Alkalinity, Total	98		-		90-110	-		10

Matrix Spike Analysis Batch Quality Control

Project Name: FORMER COYNE TEXTILE
Project Number: 059294.001

Lab Number: L2324376
Report Date: 05/17/23

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Qual	MSD Found	MSD %Recovery	MSD Qual	Recovery Limits	RPD	RPD Qual	RPD Limits
Anions by Ion Chromatography - Westborough Lab Associated sample(s): 01-06 QC Batch ID: WG1774875-3 WG1774875-4 QC Sample: L2324376-03 Client ID: MW-7R-20230503												
Chloride	316.	40	360	110		358	105		90-110	1		18
Nitrogen, Nitrate	0.761	4	3.71	74	Q	3.80	76	Q	90-110	2		15
Sulfate	65.8	80	155	111	Q	150	105		90-110	3		20
General Chemistry - Westborough Lab Associated sample(s): 01-06 QC Batch ID: WG1776036-3 QC Sample: L2324376-03 Client ID: MW-7R-20230503												
Total Organic Carbon	2.95	32	37.3	107		-	-		85-115	-		15
General Chemistry - Westborough Lab Associated sample(s): 01-06 QC Batch ID: WG1779343-4 QC Sample: L2324376-03 Client ID: MW-7R-20230503												
Alkalinity, Total	297.	100	400	103		-	-		86-116	-		10

Lab Duplicate Analysis

Batch Quality Control

Project Name: FORMER COYNE TEXTILE
Project Number: 059294.001

Lab Number: L2324376
Report Date: 05/17/23

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-06 QC Batch ID: WG1776036-4 QC Sample: L2324376-03 Client ID: MW-7R-20230503						
Total Organic Carbon	2.95	2.92	mg/l	1		15
General Chemistry - Westborough Lab Associated sample(s): 01-06 QC Batch ID: WG1779343-3 QC Sample: L2324376-03 Client ID: MW-7R-20230503						
Alkalinity, Total	297.	300	mg CaCO3/L	1		10

Project Name: FORMER COYNE TEXTILE**Lab Number:** L2324376**Project Number:** 059294.001**Report Date:** 05/17/23**Sample Receipt and Container Information**

Were project specific reporting limits specified?

YES

Cooler Information

Cooler	Custody Seal
A	Absent
B	Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2324376-01A	Vial HCl preserved	B	NA		3.3	Y	Absent		NYTCL-8260-R2(14)
L2324376-01B	Vial HCl preserved	B	NA		3.3	Y	Absent		NYTCL-8260-R2(14)
L2324376-01C	Vial HCl preserved	B	NA		3.3	Y	Absent		NYTCL-8260-R2(14)
L2324376-01D	Vial H2SO4 preserved	A	NA		4.3	Y	Absent		TOC-5310(28)
L2324376-01E	Vial H2SO4 preserved	A	NA		4.3	Y	Absent		TOC-5310(28)
L2324376-01F	Vial unpreserved 20ml	A	NA		4.3	Y	Absent		DISSGAS-CO2(7)
L2324376-01G	Vial unpreserved 20ml	A	NA		4.3	Y	Absent		DISSGAS-CO2(7)
L2324376-01H	20ml Vial HCl preserved	A	NA		4.3	Y	Absent		DISSGAS(14)
L2324376-01J	20ml Vial HCl preserved	A	NA		4.3	Y	Absent		DISSGAS(14)
L2324376-01K	Plastic 250ml unpreserved/No Headspace	A	NA		4.3	Y	Absent		ALK-T-2320(14)
L2324376-01L	Plastic 250ml unpreserved	A	7	7	4.3	Y	Absent		SO4-300(28),CL-300(28),NO3-300(2)
L2324376-01M	Plastic 500ml HNO3 preserved	A	<2	<2	4.3	Y	Absent		BA-6020T(180),SE-6020T(180),FE-6020T(180),TL-6020T(180),CA-6020T(180),NI-6020T(180),CR-6020T(180),K-6020T(180),ZN-6020T(180),NA-6020T(180),CU-6020T(180),PB-6020T(180),BE-6020T(180),MN-6020T(180),AS-6020T(180),V-6020T(180),SB-6020T(180),HG-T(28),CD-6020T(180),MG-6020T(180),AL-6020T(180),AG-6020T(180),FE-TI(180),CO-6020T(180)
L2324376-01N	Plastic 250ml Zn Acetate/NaOH preserved	A	>9	>9	4.3	Y	Absent		SUB-SULFIDE()
L2324376-01P	Plastic 250ml Zn Acetate/NaOH preserved	A	>9	>9	4.3	Y	Absent		SUB-SULFIDE()
L2324376-02A	Vial HCl preserved	B	NA		3.3	Y	Absent		NYTCL-8260-R2(14)
L2324376-02B	Vial HCl preserved	B	NA		3.3	Y	Absent		NYTCL-8260-R2(14)
L2324376-02C	Vial HCl preserved	B	NA		3.3	Y	Absent		NYTCL-8260-R2(14)

Project Name: FORMER COYNE TEXTILE**Lab Number:** L2324376**Project Number:** 059294.001**Report Date:** 05/17/23**Container Information**

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2324376-02D	Vial H2SO4 preserved	A	NA		4.3	Y	Absent		TOC-5310(28)
L2324376-02E	Vial H2SO4 preserved	A	NA		4.3	Y	Absent		TOC-5310(28)
L2324376-02F	Vial unpreserved 20ml	A	NA		4.3	Y	Absent		DISSGAS-CO2(7)
L2324376-02G	Vial unpreserved 20ml	A	NA		4.3	Y	Absent		DISSGAS-CO2(7)
L2324376-02H	20ml Vial HCl preserved	A	NA		4.3	Y	Absent		DISSGAS(14)
L2324376-02J	20ml Vial HCl preserved	A	NA		4.3	Y	Absent		DISSGAS(14)
L2324376-02K	Plastic 250ml unpreserved/No Headspace	A	NA		4.3	Y	Absent		ALK-T-2320(14)
L2324376-02L	Plastic 250ml unpreserved	A	7	7	4.3	Y	Absent		SO4-300(28),CL-300(28),NO3-300(2)
L2324376-02M	Plastic 500ml HNO3 preserved	A	<2	<2	4.3	Y	Absent		TL-6020T(180),BA-6020T(180),SE-6020T(180),FE-6020T(180),NI-6020T(180),K-6020T(180),CR-6020T(180),CA-6020T(180),NA-6020T(180),CU-6020T(180),ZN-6020T(180),PB-6020T(180),BE-6020T(180),MN-6020T(180),V-6020T(180),AS-6020T(180),SB-6020T(180),AG-6020T(180),CD-6020T(180),FE-TI(180),MG-6020T(180),AL-6020T(180),HG-T(28),CO-6020T(180)
L2324376-02N	Plastic 250ml Zn Acetate/NaOH preserved	A	>9	>9	4.3	Y	Absent		SUB-SULFIDE()
L2324376-02P	Plastic 250ml Zn Acetate/NaOH preserved	A	>9	>9	4.3	Y	Absent		SUB-SULFIDE()
L2324376-03A	Vial HCl preserved	B	NA		3.3	Y	Absent		NYTCL-8260-R2(14)
L2324376-03A1	Vial HCl preserved	B	NA		3.3	Y	Absent		NYTCL-8260-R2(14)
L2324376-03A2	Vial HCl preserved	B	NA		3.3	Y	Absent		NYTCL-8260-R2(14)
L2324376-03B	Vial HCl preserved	B	NA		3.3	Y	Absent		NYTCL-8260-R2(14)
L2324376-03B1	Vial HCl preserved	B	NA		3.3	Y	Absent		NYTCL-8260-R2(14)
L2324376-03B2	Vial HCl preserved	B	NA		3.3	Y	Absent		NYTCL-8260-R2(14)
L2324376-03C	Vial HCl preserved	B	NA		3.3	Y	Absent		NYTCL-8260-R2(14)
L2324376-03C1	Vial HCl preserved	B	NA		3.3	Y	Absent		NYTCL-8260-R2(14)
L2324376-03C2	Vial HCl preserved	B	NA		3.3	Y	Absent		NYTCL-8260-R2(14)
L2324376-03D	Vial H2SO4 preserved	A	NA		4.3	Y	Absent		TOC-5310(28)
L2324376-03D1	Vial H2SO4 preserved	A	NA		4.3	Y	Absent		TOC-5310(28)
L2324376-03D2	Vial H2SO4 preserved	B	NA		3.3	Y	Absent		TOC-5310(28)
L2324376-03E	Vial H2SO4 preserved	A	NA		4.3	Y	Absent		TOC-5310(28)

Project Name: FORMER COYNE TEXTILE**Lab Number:** L2324376**Project Number:** 059294.001**Report Date:** 05/17/23**Container Information**

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2324376-03E1	Vial H2SO4 preserved	A	NA		4.3	Y	Absent		TOC-5310(28)
L2324376-03E2	Vial H2SO4 preserved	B	NA		3.3	Y	Absent		TOC-5310(28)
L2324376-03F	Vial unpreserved 20ml	A	NA		4.3	Y	Absent		DISSGAS-CO2(7)
L2324376-03F1	Vial unpreserved 20ml	A	NA		4.3	Y	Absent		DISSGAS-CO2(7)
L2324376-03F2	Vial unpreserved 20ml	B	NA		3.3	Y	Absent		DISSGAS-CO2(7)
L2324376-03G	Vial unpreserved 20ml	A	NA		4.3	Y	Absent		DISSGAS-CO2(7)
L2324376-03G1	Vial unpreserved 20ml	A	NA		4.3	Y	Absent		DISSGAS-CO2(7)
L2324376-03G2	Vial unpreserved 20ml	B	NA		3.3	Y	Absent		DISSGAS-CO2(7)
L2324376-03H	20ml Vial HCl preserved	A	NA		4.3	Y	Absent		DISSGAS(14)
L2324376-03H1	20ml Vial HCl preserved	A	NA		4.3	Y	Absent		DISSGAS(14)
L2324376-03H2	20ml Vial HCl preserved	B	NA		3.3	Y	Absent		DISSGAS(14)
L2324376-03J	20ml Vial HCl preserved	A	NA		4.3	Y	Absent		DISSGAS(14)
L2324376-03J1	20ml Vial HCl preserved	A	NA		4.3	Y	Absent		DISSGAS(14)
L2324376-03J2	20ml Vial HCl preserved	B	NA		3.3	Y	Absent		DISSGAS(14)
L2324376-03K	Plastic 250ml unpreserved/No Headspace	A	NA		4.3	Y	Absent		ALK-T-2320(14)
L2324376-03K1	Plastic 250ml unpreserved/No Headspace	A	NA		4.3	Y	Absent		ALK-T-2320(14)
L2324376-03K2	Plastic 250ml unpreserved/No Headspace	B	NA		3.3	Y	Absent		ALK-T-2320(14)
L2324376-03L	Plastic 250ml unpreserved	A	7	7	4.3	Y	Absent		SO4-300(28),CL-300(28),NO3-300(2)
L2324376-03L1	Plastic 250ml unpreserved	A	7	7	4.3	Y	Absent		SO4-300(28),CL-300(28),NO3-300(2)
L2324376-03L2	Plastic 250ml unpreserved	B	7	7	3.3	Y	Absent		SO4-300(28),CL-300(28),NO3-300(2)
L2324376-03M	Plastic 500ml HNO3 preserved	A	<2	<2	4.3	Y	Absent		BA-6020T(180),FE-6020T(180),SE-6020T(180),TL-6020T(180),K-6020T(180),CR-6020T(180),NI-6020T(180),CA-6020T(180),CU-6020T(180),NA-6020T(180),ZN-6020T(180),PB-6020T(180),MN-6020T(180),BE-6020T(180),V-6020T(180),SB-6020T(180),AS-6020T(180),HG-T(28),FE-TI(180),MG-6020T(180),CD-6020T(180),AG-6020T(180),AL-6020T(180),CO-6020T(180)

Project Name: FORMER COYNE TEXTILE

Lab Number: L2324376

Project Number: 059294.001

Report Date: 05/17/23

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2324376-03M1	Plastic 500ml HNO3 preserved	A	<2	<2	4.3	Y	Absent		BA-6020T(180),FE-6020T(180),SE-6020T(180),TL-6020T(180),K-6020T(180),CR-6020T(180),NI-6020T(180),CA-6020T(180),CU-6020T(180),NA-6020T(180),ZN-6020T(180),PB-6020T(180),MN-6020T(180),BE-6020T(180),V-6020T(180),SB-6020T(180),AS-6020T(180),HG-T(28),FE-TI(180),MG-6020T(180),CD-6020T(180),AG-6020T(180),AL-6020T(180),CO-6020T(180)
L2324376-03M2	Plastic 500ml HNO3 preserved	B	<2	<2	3.3	Y	Absent		BA-6020T(180),FE-6020T(180),SE-6020T(180),TL-6020T(180),K-6020T(180),CR-6020T(180),NI-6020T(180),CA-6020T(180),CU-6020T(180),NA-6020T(180),ZN-6020T(180),PB-6020T(180),MN-6020T(180),BE-6020T(180),V-6020T(180),SB-6020T(180),AS-6020T(180),HG-T(28),FE-TI(180),MG-6020T(180),CD-6020T(180),AG-6020T(180),AL-6020T(180),CO-6020T(180)
L2324376-03N	Plastic 250ml Zn Acetate/NaOH preserved	A	>9	>9	4.3	Y	Absent		SUB-SULFIDE()
L2324376-03N1	Plastic 250ml Zn Acetate/NaOH preserved	A	>9	>9	4.3	Y	Absent		SUB-SULFIDE()
L2324376-03N2	Plastic 250ml Zn Acetate/NaOH preserved	B	>9	>9	3.3	Y	Absent		SUB-SULFIDE()
L2324376-03P	Plastic 250ml Zn Acetate/NaOH preserved	A	>9	>9	4.3	Y	Absent		SUB-SULFIDE()
L2324376-03P1	Plastic 250ml Zn Acetate/NaOH preserved	A	>9	>9	4.3	Y	Absent		SUB-SULFIDE()
L2324376-03P2	Plastic 250ml Zn Acetate/NaOH preserved	B	>9	>9	3.3	Y	Absent		SUB-SULFIDE()
L2324376-04A	Vial HCl preserved	B	NA		3.3	Y	Absent		NYTCL-8260-R2(14)
L2324376-04B	Vial HCl preserved	B	NA		3.3	Y	Absent		NYTCL-8260-R2(14)
L2324376-04C	Vial HCl preserved	B	NA		3.3	Y	Absent		NYTCL-8260-R2(14)
L2324376-04D	Vial H2SO4 preserved	A	NA		4.3	Y	Absent		TOC-5310(28)
L2324376-04E	Vial H2SO4 preserved	A	NA		4.3	Y	Absent		TOC-5310(28)
L2324376-04F	Vial unpreserved 20ml	A	NA		4.3	Y	Absent		DISSGAS-CO2(7)
L2324376-04G	Vial unpreserved 20ml	A	NA		4.3	Y	Absent		DISSGAS-CO2(7)
L2324376-04H	20ml Vial HCl preserved	A	NA		4.3	Y	Absent		DISSGAS(14)
L2324376-04J	20ml Vial HCl preserved	A	NA		4.3	Y	Absent		DISSGAS(14)
L2324376-04K	Plastic 250ml unpreserved/No Headspace	A	NA		4.3	Y	Absent		ALK-T-2320(14)
L2324376-04L	Plastic 250ml unpreserved	A	7	7	4.3	Y	Absent		SO4-300(28),CL-300(28),NO3-300(2)

Project Name: FORMER COYNE TEXTILE
Project Number: 059294.001

Serial_No:05172315:31
Lab Number: L2324376
Report Date: 05/17/23

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2324376-04M	Plastic 500ml HNO3 preserved	A	3	<2	4.3	N	Absent		TL-6020T(180),BA-6020T(180),SE-6020T(180),FE-6020T(180),K-6020T(180),NI-6020T(180),CA-6020T(180),CR-6020T(180),NA-6020T(180),CU-6020T(180),ZN-6020T(180),PB-6020T(180),BE-6020T(180),MN-6020T(180),AS-6020T(180),V-6020T(180),SB-6020T(180),AL-6020T(180),HG-T(28),CD-6020T(180),FE-TI(180),AG-6020T(180),MG-6020T(180),CO-6020T(180)
L2324376-04N	Plastic 250ml Zn Acetate/NaOH preserved	A	>9	>9	4.3	Y	Absent		SUB-SULFIDE()
L2324376-04P	Plastic 250ml Zn Acetate/NaOH preserved	A	>9	>9	4.3	Y	Absent		SUB-SULFIDE()
L2324376-05A	Vial HCl preserved	B	NA		3.3	Y	Absent		NYTCL-8260-R2(14)
L2324376-05B	Vial HCl preserved	B	NA		3.3	Y	Absent		NYTCL-8260-R2(14)
L2324376-05C	Vial HCl preserved	B	NA		3.3	Y	Absent		NYTCL-8260-R2(14)
L2324376-05D	Vial H2SO4 preserved	B	NA		3.3	Y	Absent		TOC-5310(28)
L2324376-05E	Vial H2SO4 preserved	B	NA		3.3	Y	Absent		TOC-5310(28)
L2324376-05F	Vial unpreserved 20ml	B	NA		3.3	Y	Absent		DISSGAS-CO2(7)
L2324376-05G	Vial unpreserved 20ml	B	NA		3.3	Y	Absent		DISSGAS-CO2(7)
L2324376-05H	20ml Vial HCl preserved	B	NA		3.3	Y	Absent		DISSGAS(14)
L2324376-05J	20ml Vial HCl preserved	B	NA		3.3	Y	Absent		DISSGAS(14)
L2324376-05K	Plastic 250ml unpreserved/No Headspace	B	NA		3.3	Y	Absent		ALK-T-2320(14)
L2324376-05L	Plastic 250ml unpreserved	B	7	7	3.3	Y	Absent		SO4-300(28),CL-300(28),NO3-300(2)
L2324376-05M	Plastic 250ml HNO3 preserved	B	<2	<2	3.3	Y	Absent		SE-6020T(180),TL-6020T(180),BA-6020T(180),FE-6020T(180),NI-6020T(180),K-6020T(180),CA-6020T(180),CR-6020T(180),NA-6020T(180),ZN-6020T(180),CU-6020T(180),PB-6020T(180),BE-6020T(180),MN-6020T(180),SB-6020T(180),AS-6020T(180),V-6020T(180),AL-6020T(180),MG-6020T(180),CD-6020T(180),HG-T(28),AG-6020T(180),FE-TI(180),CO-6020T(180)
L2324376-05N	Plastic 250ml Zn Acetate/NaOH preserved	B	>9	>9	3.3	Y	Absent		SUB-SULFIDE()
L2324376-05P	Plastic 250ml Zn Acetate/NaOH preserved	B	>9	>9	3.3	Y	Absent		SUB-SULFIDE()
L2324376-06A	Vial HCl preserved	B	NA		3.3	Y	Absent		NYTCL-8260-R2(14)
L2324376-06B	Vial HCl preserved	B	NA		3.3	Y	Absent		NYTCL-8260-R2(14)
L2324376-06C	Vial HCl preserved	B	NA		3.3	Y	Absent		NYTCL-8260-R2(14)

Project Name: FORMER COYNE TEXTILE**Lab Number:** L2324376**Project Number:** 059294.001**Report Date:** 05/17/23**Container Information**

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2324376-06D	Vial H2SO4 preserved	A	NA		4.3	Y	Absent		TOC-5310(28)
L2324376-06E	Vial H2SO4 preserved	A	NA		4.3	Y	Absent		TOC-5310(28)
L2324376-06F	Vial unpreserved 20ml	A	NA		4.3	Y	Absent		DISSGAS-CO2(7)
L2324376-06G	Vial unpreserved 20ml	A	NA		4.3	Y	Absent		DISSGAS-CO2(7)
L2324376-06H	20ml Vial HCl preserved	A	NA		4.3	Y	Absent		DISSGAS(14)
L2324376-06J	20ml Vial HCl preserved	A	NA		4.3	Y	Absent		DISSGAS(14)
L2324376-06K	Plastic 250ml unpreserved/No Headspace	A	NA		4.3	Y	Absent		ALK-T-2320(14)
L2324376-06L	Plastic 250ml unpreserved	A	7	7	4.3	Y	Absent		SO4-300(28),CL-300(28),NO3-300(2)
L2324376-06M	Plastic 500ml HNO3 preserved	A	<2	<2	4.3	Y	Absent		TL-6020T(180),SE-6020T(180),BA-6020T(180),FE-6020T(180),CR-6020T(180),NI-6020T(180),CA-6020T(180),K-6020T(180),ZN-6020T(180),NA-6020T(180),CU-6020T(180),PB-6020T(180),BE-6020T(180),MN-6020T(180),AS-6020T(180),SB-6020T(180),V-6020T(180),AL-6020T(180),CD-6020T(180),AG-6020T(180),FE-TI(180),HG-T(28),MG-6020T(180),CO-6020T(180)
L2324376-06N	Plastic 250ml Zn Acetate/NaOH preserved	A	>9	>9	4.3	Y	Absent		SUB-SULFIDE()
L2324376-06P	Plastic 250ml Zn Acetate/NaOH preserved	A	>9	>9	4.3	Y	Absent		SUB-SULFIDE()
L2324376-07A	Vial HCl preserved	B	NA		3.3	Y	Absent		NYTCL-8260-R2(14)
L2324376-07B	Vial HCl preserved	B	NA		3.3	Y	Absent		NYTCL-8260-R2(14)

Project Name: FORMER COYNE TEXTILE
Project Number: 059294.001

Lab Number: L2324376
Report Date: 05/17/23

GLOSSARY

Acronyms

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

Report Format: DU Report with 'J' Qualifiers



Project Name: FORMER COYNE TEXTILE
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Lab Number: L2324376
Report Date: 05/17/23

Footnotes

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

Terms

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

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

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

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

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

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

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

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

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

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

Data Qualifiers

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

Report Format: DU Report with 'J' Qualifiers



Project Name: FORMER COYNE TEXTILE
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Lab Number: L2324376
Report Date: 05/17/23

Data Qualifiers

Identified Compounds (TICs).

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

Report Format: DU Report with 'J' Qualifiers



Project Name: FORMER COYNE TEXTILE**Lab Number:** L2324376**Project Number:** 059294.001**Report Date:** 05/17/23

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.
- 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 624/624.1: m/p-xylene, o-xylene, Naphthalene

EPA 625/625.1: alpha-Terpineol

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

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

SM4500: NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO₂, NO₃.

Mansfield Facility

SM 2540D: TSS

EPA 8082A: NPW: PCB: 1, 5, 31, 87,101, 110, 141, 151, 153, 180, 183, 187.

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

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

Biological Tissue Matrix: EPA 3050B

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

Westborough Facility:

Drinking Water

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

EPA 180.1, SM2130B, SM4500CI-D, SM2320B, SM2540C, SM4500H-B, SM4500NO2-B

EPA 332: Perchlorate; **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, **LCHAT 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), **EPA 600/4-81-045:** PCB-Oil.

Microbiology: **SM9223B-Colilert-QT; Enterolert-QT, SM9221E, EPA 1600, EPA 1603, SM9222D.**

Mansfield Facility:

Drinking Water

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

EPA 522, EPA 537.1.

Non-Potable Water


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

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

EPA 245.1 Hg.

SM2340B

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

 NEW YORK CHAIN OF CUSTODY Westborough, MA 01581 8 Walkup Dr. TEL: 508-896-9220 FAX: 508-898-9193	NEW YORK CHAIN OF CUSTODY Mansfield, MA 02048 320 Forbes Blvd TEL: 508-822-9300 FAX: 508-822-3288	Service Centers Mahwah, NJ 07430: 35 Whitney Rd, Suite 5 Albany, NY 12205: 14 Walker Way Tonawanda, NY 14150: 275 Cooper Ave, Suite 105	Page		of		Date Rec'd in Lab 05/04/23	ALPHA Job # L0324376											
		Project Information Project Name: Former Courte Textile Project Location: Syracuse NY Project # 059294.001 (Use Project name as Project #) <input type="checkbox"/>		Deliverables <input type="checkbox"/> ASP-A <input type="checkbox"/> EQUIS (1 File) <input type="checkbox"/> Other		<input checked="" type="checkbox"/> ASP-B <input checked="" type="checkbox"/> EQUIS (4 File)		Billing Information <input checked="" type="checkbox"/> Same as Client Info PO # Will email											
Client Information Client: CHA Address: 300 S. State St. Syracuse NY 13202 Phone: 315-257-7250 Fax: Email: kehmann@cha.com		Project Manager: Sam Miller ALPHAQuote #: 20280 Turn-Around Time Standard <input checked="" type="checkbox"/> Rush (only if pre approved) <input type="checkbox"/>		Regulatory Requirement <input checked="" type="checkbox"/> NY TOGS <input type="checkbox"/> AWQ Standards <input type="checkbox"/> NY Restricted Use <input type="checkbox"/> NY Unrestricted Use <input type="checkbox"/> NYC Sewer Discharge		<input type="checkbox"/> NY Part 375 <input type="checkbox"/> NY CP-51 <input type="checkbox"/> Other		Disposal Site Information Please identify below location of applicable disposal facilities. Disposal Facility: <input type="checkbox"/> NJ <input type="checkbox"/> NY <input type="checkbox"/> Other:											
These samples have been previously analyzed by Alpha <input type="checkbox"/>							ANALYSIS			Sample Filtration <input type="checkbox"/> Done <input type="checkbox"/> Lab to do Preservation <input type="checkbox"/> Lab to do (Please Specify below)									
Other project specific requirements/comments: cc. Sam Miller (2 coders)							VDL 8260 SO4 CI NO3 Total Metals Sulfide 4500 Aik-T-2320 Diss Gas CO2 Diss Gas TDC			Total Book Time									
Please specify Metals or TAL. TAL																			
ALPHA Lab ID (Lab Use Only)	Sample ID	Collection		Sample Matrix	Sampler's Initials	VDL	SO4	CI	NO3	Total Metals	Sulfide	4500	Aik-T	-2320	Diss Gas	CO2	Diss Gas	TDC	Sample Specific Comments
		Date	Time																
24376-01	MW-5R-20230503	5.3.23	1025	GIW	KE	X	X	X	X	X	X	X	X	X	X	X	X	X	
-02	MW-6R-20230503		1205			X	X	X	X	X	X	X	X	X	X	X	X	X	
-03	MW-7R-20230503		1310			X	X	X	X	X	X	X	X	X	X	X	X	X	
-03	MS-20230503		1310			X	X	X	X	X	X	X	X	X	X	X	X	X	
-03	MSD-20230503		1310			X	X	X	X	X	X	X	X	X	X	X	X	X	
-04	MW-4-20230503		1400			X	X	X	X	X	X	X	X	X	X	X	X	X	
-05	MW-105D-20230503		1550			X	X	X	X	X	X	X	X	X	X	X	X	X	
-06	CHA-1-20230503		1200			X	X	X	X	X	X	X	X	X	X	X	X	X	
-07	Trip Blank-20230503	5.3.23	—	Lab water		X													2
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 Preservative		V P P P P V V V B A C K/E A A B D										Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS. (See reverse side.)	
		Relinquished By: [Signature]		Date/Time: 5/3/23 19:20		Received By: [Signature]		Date/Time: 5/3/23 19:20										TO BE BOUND BY ALPHA'S TERMS & CONDITIONS. (See reverse side.)	
		Relinquished By: [Signature]		Date/Time: 5/3/23 19:06		Received By: [Signature]		Date/Time: 5/10/23										TO BE BOUND BY ALPHA'S TERMS & CONDITIONS. (See reverse side.)	



Wednesday, May 10, 2023

Attn: Melissa Deyo
Alpha Analytical Lab
8 Walkup Drive
Westborough, MA 01581

Project ID: L2324376
SDG ID: GCN98762
Sample ID#s: CN98762 - CN98767

This laboratory is in compliance with the NELAC requirements of procedures used except where indicated.

This report contains results for the parameters tested, under the sampling conditions described on the Chain Of Custody, as received by the laboratory. This report is incomplete unless all pages indicated in the pagination at the bottom of the page are included.

A scanned version of the COC form accompanies the analytical report and is an exact duplicate of the original.

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200. The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.

Sincerely yours,

Phyllis Shiller

Laboratory Director

NELAC - #NY11301
CT Lab Registration #PH-0618
MA Lab Registration #M-CT007
ME Lab Registration #CT-007
NH Lab Registration #213693-A,B

NJ Lab Registration #CT-003
NY Lab Registration #11301
PA Lab Registration #68-03530
RI Lab Registration #63
VT Lab Registration #VT11301



Environmental Laboratories, Inc.
 587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
 Tel. (860) 645-1102 Fax (860) 645-0823



Sample Id Cross Reference

May 10, 2023

SDG I.D.: GCN98762

Project ID: L2324376

Client Id	Lab Id	Matrix
MW-5R-20230503	CN98762	WATER
MW-6R-20230503	CN98763	WATER
MW-7R-20230503	CN98764	WATER
MW-4-20230503	CN98765	WATER
MW-105D-20230503	CN98766	WATER
CHA-1-20230503	CN98767	WATER



Environmental Laboratories, Inc.
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Tel. (860) 645-1102 Fax (860) 645-0823



Analysis Report

May 10, 2023

FOR: Attn: Melissa Deyo
Alpha Analytical Lab
8 Walkup Drive
Westborough, MA 01581

Sample Information

Matrix: WATER
Location Code: ALPHA
Rush Request: Standard
P.O.#:

Custody Information

Collected by:
Received by: SR1
Analyzed by: see "By" below

Date

05/03/23
05/05/23

Time

10:25
14:18

Laboratory Data

SDG ID: GCN98762
Phoenix ID: CN98762

Project ID: L2324376
Client ID: MW-5R-20230503

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Sulfide	0.10	0.05	mg/L	1	05/08/23	GD	SM4500S-D-11

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected at RL/PQL
BRL=Below Reporting Level L=Biased Low

Comments:

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200.
The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.

Phyllis Shiller, Laboratory Director

May 10, 2023

Reviewed and Released by: Anil Makol, Project Manager



Environmental Laboratories, Inc.
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Tel. (860) 645-1102 Fax (860) 645-0823



Analysis Report

May 10, 2023

FOR: Attn: Melissa Deyo
Alpha Analytical Lab
8 Walkup Drive
Westborough, MA 01581

Sample Information

Matrix: WATER
Location Code: ALPHA
Rush Request: Standard
P.O.#:

Custody Information

Collected by:
Received by: SR1
Analyzed by: see "By" below

Date

05/03/23
05/05/23

Time

12:05
14:18

Laboratory Data

SDG ID: GCN98762
Phoenix ID: CN98763

Project ID: L2324376
Client ID: MW-6R-20230503

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Sulfide	< 0.05	0.05	mg/L	1	05/08/23	GD	SM4500S-D-11

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected at RL/PQL
BRL=Below Reporting Level L=Biased Low

Comments:

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Phyllis Shiller, Laboratory Director

May 10, 2023

Reviewed and Released by: Anil Makol, Project Manager



Environmental Laboratories, Inc.
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Tel. (860) 645-1102 Fax (860) 645-0823



Analysis Report

May 10, 2023

FOR: Attn: Melissa Deyo
Alpha Analytical Lab
8 Walkup Drive
Westborough, MA 01581

Sample Information

Matrix: WATER
Location Code: ALPHA
Rush Request: Standard
P.O.#:

Custody Information

Collected by:
Received by: SR1
Analyzed by: see "By" below

Date

05/03/23
05/05/23

Time

13:10
14:18

Laboratory Data

SDG ID: GCN98762
Phoenix ID: CN98764

Project ID: L2324376
Client ID: MW-7R-20230503

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Sulfide	< 0.05	0.05	mg/L	1	05/08/23	GD	SM4500S-D-11
Client MS/MSD	Completed				05/08/23		

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected at RL/PQL
BRL=Below Reporting Level L=Biased Low

Comments:

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Phyllis Shiller, Laboratory Director

May 10, 2023

Reviewed and Released by: Anil Makol, Project Manager



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Tel. (860) 645-1102 Fax (860) 645-0823



Analysis Report

May 10, 2023

FOR: Attn: Melissa Deyo
Alpha Analytical Lab
8 Walkup Drive
Westborough, MA 01581

Sample Information

Matrix: WATER
Location Code: ALPHA
Rush Request: Standard
P.O.#:

Custody Information

Collected by:
Received by: SR1
Analyzed by: see "By" below

Date

05/03/23
05/05/23

Time

14:00
14:18

Laboratory Data

SDG ID: GCN98762
Phoenix ID: CN98765

Project ID: L2324376
Client ID: MW-4-20230503

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Sulfide	< 0.05	0.05	mg/L	1	05/08/23	GD	SM4500S-D-11

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected at RL/PQL
BRL=Below Reporting Level L=Biased Low

Comments:

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Phyllis Shiller, Laboratory Director

May 10, 2023

Reviewed and Released by: Anil Makol, Project Manager



Environmental Laboratories, Inc.
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Analysis Report

May 10, 2023

FOR: Attn: Melissa Deyo
Alpha Analytical Lab
8 Walkup Drive
Westborough, MA 01581

Sample Information

Matrix: WATER
Location Code: ALPHA
Rush Request: Standard
P.O.#:

Custody Information

Collected by:
Received by: SR1
Analyzed by: see "By" below

Date

05/03/23
05/05/23

Time

15:50
14:18

Laboratory Data

SDG ID: GCN98762
Phoenix ID: CN98766

Project ID: L2324376
Client ID: MW-105D-20230503

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Sulfide	< 0.05	0.05	mg/L	1	05/08/23	GD	SM4500S-D-11

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected at RL/PQL
BRL=Below Reporting Level L=Biased Low

Comments:

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Phyllis Shiller, Laboratory Director

May 10, 2023

Reviewed and Released by: Anil Makol, Project Manager



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Tel. (860) 645-1102 Fax (860) 645-0823



Analysis Report

May 10, 2023

FOR: Attn: Melissa Deyo
Alpha Analytical Lab
8 Walkup Drive
Westborough, MA 01581

Sample Information

Matrix: WATER
Location Code: ALPHA
Rush Request: Standard
P.O.#:

Custody Information

Collected by:
Received by: SR1
Analyzed by: see "By" below

Date

05/03/23
05/05/23

Time

12:00
14:18

Laboratory Data

SDG ID: GCN98762
Phoenix ID: CN98767

Project ID: L2324376
Client ID: CHA-1-20230503

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Sulfide	< 0.05	0.05	mg/L	1	05/08/23	GD	SM4500S-D-11

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected at RL/PQL
BRL=Below Reporting Level L=Biased Low

Comments:

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Phyllis Shiller, Laboratory Director

May 10, 2023

Reviewed and Released by: Anil Makol, Project Manager



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102



QA/QC Report

May 10, 2023

QA/QC Data

SDG I.D.: GCN98762

Parameter	Blank	Blk RL	Sample Result	Dup Result	Dup RPD	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
QA/QC Batch 676641 (mg/L), QC Sample No: CN98764 (CN98762, CN98763, CN98764, CN98765, CN98766, CN98767)													
Sulfide	BRL	0.05	<0.05	<0.05	NC	91.1			84.4			90 - 110	20

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

RPD - Relative Percent Difference
LCS - Laboratory Control Sample
LCSD - Laboratory Control Sample Duplicate
MS - Matrix Spike
MS Dup - Matrix Spike Duplicate
NC - No Criteria
Intf - Interference

Phyllis Shiller, Laboratory Director
May 10, 2023

Wednesday, May 10, 2023

Criteria: NY: GW

State: NY

Sample Criteria Exceedances Report

GCN98762 - ALPHA

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units
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*** No Data to Display ***

Phoenix Laboratories does not assume responsibility for the data contained in this exceedance report. It is provided as an additional tool to identify requested criteria exceedences. All efforts are made to ensure the accuracy of the data (obtained from appropriate agencies). A lack of exceedence information does not necessarily suggest conformance to the criteria. It is ultimately the site professional's responsibility to determine appropriate compliance.



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Analysis Comments

May 10, 2023

SDG I.D.: GCN98762

The following analysis comments are made regarding exceptions to criteria not already noted in the Analysis Report or QA/QC Report: None.



Environmental Laboratories, Inc.
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Tel. (860) 645-1102 Fax (860) 645-0823




NY Temperature Narration

May 10, 2023

SDG I.D.: GCN98762

The samples in this delivery group were received at 2.4°C.
(Note acceptance criteria for relevant matrices is above freezing up to 6°C)

2-4 05/15/05

		Subcontract Chain of Custody Phoenix Environmental Laboratories 587 East Middle Turnpike Manchester, CT 06040		Alpha Job Number L2324376	
Client Information Client: Alpha Analytical Labs Address: Eight Walkup Drive Westborough, MA 01581-1019 Phone: 716.427.5229 Email: mdeyo@aphalab.com			Project Information Project Location: NY Project Manager: Melissa Deyo Turnaround & Deliverables Information Due Date: Deliverables:		
Regulatory Requirements/Report Limits			State/Federal Program: Regulatory Criteria: NY-TOGS-GA		
Reference following Alpha Job Number on final report/deliverables: L2324376			Report to include Method Blank, LCS/LCSD:		
Additional Comments: Send all results/reports to subreports@aphalab.com					
Lab ID	Client ID	Collection Date/Time	Sample Matrix	Analysis	Batch QC
Q97163	MW-SR-20230503	05-03-23 10:25	WATER	Sulfide	MS:MSD
Q97165	MW-BR-20230503	05-03-23 12:05	WATER	Sulfide	
Q97164	MW-TR-20230503	05-03-23 13:10	WATER	Sulfide	
Q97165	MW-4-20230503	05-03-23 14:00	WATER	Sulfide	
Q97166	MW-105D-20230503	05-03-23 15:50	WATER	Sulfide	
Q97167	CHA-1-20230503	05-03-23 12:00	WATER	Sulfide	
				• 2-250mL PI. • 6-250mL PI	
Relinquished By:		Date/Time:	Received By:	Date/Time:	
[Signature]		5/5/23	[Signature]	5/10/23	
[Signature]		5/11/23	[Signature]	5/12/23	
Form No: AL_subcoc					



ANALYTICAL REPORT

Lab Number:	L2347588
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
Project Number:	059294.001
Report Date:	09/07/23

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

Certifications & Approvals: MA (M-MA086), NH NELAP (2064), CT (PH-0826), IL (200077), IN (C-MA-03), KY (KY98045), ME (MA00086), MD (348), NJ (MA935), NY (11148), NC (25700/666), OH (CL108), OR (MA-1316), PA (68-03671), RI (LAO00065), TX (T104704476), VT (VT-0935), VA (460195), USDA (Permit #525-23-122-91930).

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



Project Name: FORMER COYNE TEXTILE
Project Number: 059294.001

Lab Number: L2347588
Report Date: 09/07/23

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2347588-01	MW-5R-20230816	WATER	SYRACUSE, NY	08/16/23 09:45	08/16/23
L2347588-02	MW-6R-20230816	WATER	SYRACUSE, NY	08/16/23 11:10	08/16/23
L2347588-03	MW-7R-20230816	WATER	SYRACUSE, NY	08/16/23 12:20	08/16/23
L2347588-04	CHA-1-20230816	WATER	SYRACUSE, NY	08/16/23 12:00	08/16/23
L2347588-05	MW-4-20230816	WATER	SYRACUSE, NY	08/16/23 14:00	08/16/23
L2347588-06	MW-105D-20230816	WATER	SYRACUSE, NY	08/16/23 15:40	08/16/23
L2347588-07	TRIP BLANK-20230816	WATER	SYRACUSE, NY	08/16/23 00:00	08/16/23

Project Name: FORMER COYNE TEXTILE
Project Number: 059294.001

Lab Number: L2347588
Report Date: 09/07/23

Case Narrative

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

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

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

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

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

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

Project Name: FORMER COYNE TEXTILE
Project Number: 059294.001

Lab Number: L2347588
Report Date: 09/07/23

Case Narrative (continued)

Report Submission

September 07, 2023: This final report includes the results of all requested analyses.

August 30, 2023: 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.

Sample Receipt

L2347588-01 through -06: The analysis of Carbon Dioxide was requested on the Chain of Custody; however, sample containers were not received. This was verified by the client.

Volatile Organics

The WG1819137-6/-7 MS/MSD recoveries, performed on L2347588-01, 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

L2347588-03, -04, and -05: The sample was collected in pre-preserved vials; however, the pH of the sample was determined to be greater than two.

The WG1818146-4/-5 MS/MSD recoveries, performed on L2347588-01, are outside the acceptance criteria for methane (293%/311%). The unacceptable percent recoveries are attributed to the elevated concentrations of target compounds present in the native sample.

Total Metals

The WG1817302-3/-4 MS/MSD recoveries for calcium (MSD 210%) and sodium (60%/60%), performed on L2347588-01, do not apply because the sample concentration is greater than four times the spike amount added.

Project Name: FORMER COYNE TEXTILE
Project Number: 059294.001

Lab Number: L2347588
Report Date: 09/07/23

Case Narrative (continued)

The WG1817302-3/-4 MS/MSD recoveries, performed on L2347588-01, are outside the acceptance criteria for selenium (61%/73%). A post digestion spike was performed and was within acceptance criteria.

Sulfide

The WG1818619-4 MS recovery, performed on L2347588-01, is outside the acceptance criteria for sulfide (19%); however, the associated LCS recovery is within criteria. No further action was taken.

The WG1818619-3 Laboratory Duplicate RPD for sulfide (69%), performed on L2347588-01, is above the acceptance criteria; however, the sample and duplicate results are less than five times the reporting limit.

Therefore, the RPD is valid.

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:  Melissa Sturgis

Title: Technical Director/Representative

Date: 09/07/23

ORGANICS

VOLATILES

Project Name: FORMER COYNE TEXTILE
Project Number: 059294.001

Lab Number: L2347588
Report Date: 09/07/23

SAMPLE RESULTS

Lab ID: L2347588-01
 Client ID: MW-5R-20230816
 Sample Location: SYRACUSE, NY

Date Collected: 08/16/23 09:45
 Date Received: 08/16/23
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 1,8260D
 Analytical Date: 08/21/23 19:41
 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	28		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	0.74		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	240	E	ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Trichloroethene	7.1		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1

Project Name: FORMER COYNE TEXTILE
Project Number: 059294.001

Lab Number: L2347588
Report Date: 09/07/23

SAMPLE RESULTS

Lab ID: L2347588-01
 Client ID: MW-5R-20230816
 Sample Location: SYRACUSE, NY

Date Collected: 08/16/23 09:45
 Date Received: 08/16/23
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.70	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	14		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	129		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	112		70-130
Dibromofluoromethane	110		70-130

Project Name: FORMER COYNE TEXTILE
Project Number: 059294.001

Lab Number: L2347588
Report Date: 09/07/23

SAMPLE RESULTS

Lab ID: L2347588-01
 Client ID: MW-5R-20230816
 Sample Location: SYRACUSE, NY

Date Collected: 08/16/23 09:45
 Date Received: 08/16/23
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 117,-
 Analytical Date: 08/21/23 07:50
 Analyst: SRO

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Dissolved Gases by GC - Mansfield Lab							
Methane	1270		ug/l	2.00	2.00	1	A
Ethene	22.9		ug/l	0.500	0.500	1	A
Ethane	42.9		ug/l	0.500	0.500	1	A

Project Name: FORMER COYNE TEXTILE
Project Number: 059294.001

Lab Number: L2347588
Report Date: 09/07/23

SAMPLE RESULTS

Lab ID: L2347588-01 D
 Client ID: MW-5R-20230816
 Sample Location: SYRACUSE, NY

Date Collected: 08/16/23 09:45
 Date Received: 08/16/23
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 1,8260D
 Analytical Date: 08/23/23 09:25
 Analyst: LAC

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Vinyl chloride	180		ug/l	5.0	0.36	5

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	100		70-130
Toluene-d8	101		70-130
4-Bromofluorobenzene	89		70-130
Dibromofluoromethane	102		70-130

Project Name: FORMER COYNE TEXTILE
Project Number: 059294.001

Lab Number: L2347588
Report Date: 09/07/23

SAMPLE RESULTS

Lab ID: L2347588-02
 Client ID: MW-6R-20230816
 Sample Location: SYRACUSE, NY

Date Collected: 08/16/23 11:10
 Date Received: 08/16/23
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 117,-
 Analytical Date: 08/21/23 14:47
 Analyst: SRO

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Dissolved Gases by GC - Mansfield Lab							
Methane	8240		ug/l	2.00	2.00	1	A
Ethene	296		ug/l	0.500	0.500	1	A
Ethane	262		ug/l	0.500	0.500	1	A

Project Name: FORMER COYNE TEXTILE
Project Number: 059294.001

Lab Number: L2347588
Report Date: 09/07/23

SAMPLE RESULTS

Lab ID: L2347588-02 D
 Client ID: MW-6R-20230816
 Sample Location: SYRACUSE, NY

Date Collected: 08/16/23 11:10
 Date Received: 08/16/23
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 1,8260D
 Analytical Date: 08/21/23 20:03
 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	2.7		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	920		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	ND		ug/l	12	3.5	5
Trichloroethene	3.5		ug/l	2.5	0.88	5
1,2-Dichlorobenzene	ND		ug/l	12	3.5	5

Project Name: FORMER COYNE TEXTILE**Lab Number:** L2347588**Project Number:** 059294.001**Report Date:** 09/07/23**SAMPLE RESULTS**

Lab ID: L2347588-02 D

Date Collected: 08/16/23 11:10

Client ID: MW-6R-20230816

Date Received: 08/16/23

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	3.5	5
p/m-Xylene	ND		ug/l	12	3.5	5
o-Xylene	ND		ug/l	12	3.5	5
cis-1,2-Dichloroethene	41		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	130		70-130
Toluene-d8	101		70-130
4-Bromofluorobenzene	113		70-130
Dibromofluoromethane	112		70-130

Project Name: FORMER COYNE TEXTILE
Project Number: 059294.001

Lab Number: L2347588
Report Date: 09/07/23

SAMPLE RESULTS

Lab ID: L2347588-03
 Client ID: MW-7R-20230816
 Sample Location: SYRACUSE, NY

Date Collected: 08/16/23 12:20
 Date Received: 08/16/23
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 117,-
 Analytical Date: 08/21/23 15:05
 Analyst: SRO

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Dissolved Gases by GC - Mansfield Lab							
Methane	3710		ug/l	2.00	2.00	1	A
Ethene	36.0		ug/l	0.500	0.500	1	A
Ethane	24.3		ug/l	0.500	0.500	1	A

Project Name: FORMER COYNE TEXTILE
Project Number: 059294.001

Lab Number: L2347588
Report Date: 09/07/23

SAMPLE RESULTS

Lab ID: L2347588-03 D
 Client ID: MW-7R-20230816
 Sample Location: SYRACUSE, NY

Date Collected: 08/16/23 12:20
 Date Received: 08/16/23
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 1,8260D
 Analytical Date: 08/21/23 20:25
 Analyst: MJV

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	62	18.	25
1,1-Dichloroethane	ND		ug/l	62	18.	25
Chloroform	ND		ug/l	62	18.	25
Carbon tetrachloride	ND		ug/l	12	3.4	25
1,2-Dichloropropane	ND		ug/l	25	3.4	25
Dibromochloromethane	ND		ug/l	12	3.7	25
1,1,2-Trichloroethane	ND		ug/l	38	12.	25
Tetrachloroethene	ND		ug/l	12	4.5	25
Chlorobenzene	ND		ug/l	62	18.	25
Trichlorofluoromethane	ND		ug/l	62	18.	25
1,2-Dichloroethane	ND		ug/l	12	3.3	25
1,1,1-Trichloroethane	ND		ug/l	62	18.	25
Bromodichloromethane	ND		ug/l	12	4.8	25
trans-1,3-Dichloropropene	ND		ug/l	12	4.1	25
cis-1,3-Dichloropropene	ND		ug/l	12	3.6	25
Bromoform	ND		ug/l	50	16.	25
1,1,2,2-Tetrachloroethane	ND		ug/l	12	4.2	25
Benzene	ND		ug/l	12	4.0	25
Toluene	ND		ug/l	62	18.	25
Ethylbenzene	ND		ug/l	62	18.	25
Chloromethane	ND		ug/l	62	18.	25
Bromomethane	ND		ug/l	62	18.	25
Vinyl chloride	560		ug/l	25	1.8	25
Chloroethane	ND		ug/l	62	18.	25
1,1-Dichloroethene	6.4	J	ug/l	12	4.2	25
trans-1,2-Dichloroethene	ND		ug/l	62	18.	25
Trichloroethene	ND		ug/l	12	4.4	25
1,2-Dichlorobenzene	ND		ug/l	62	18.	25

Project Name: FORMER COYNE TEXTILE
Project Number: 059294.001

Lab Number: L2347588
Report Date: 09/07/23

SAMPLE RESULTS

Lab ID: L2347588-03 D
 Client ID: MW-7R-20230816
 Sample Location: SYRACUSE, NY

Date Collected: 08/16/23 12:20
 Date Received: 08/16/23
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/l	62	18.	25
1,4-Dichlorobenzene	ND		ug/l	62	18.	25
Methyl tert butyl ether	ND		ug/l	62	18.	25
p/m-Xylene	ND		ug/l	62	18.	25
o-Xylene	ND		ug/l	62	18.	25
cis-1,2-Dichloroethene	1600		ug/l	62	18.	25
Styrene	ND		ug/l	62	18.	25
Dichlorodifluoromethane	ND		ug/l	120	25.	25
Acetone	ND		ug/l	120	36.	25
Carbon disulfide	ND		ug/l	120	25.	25
2-Butanone	ND		ug/l	120	48.	25
4-Methyl-2-pentanone	ND		ug/l	120	25.	25
2-Hexanone	ND		ug/l	120	25.	25
Bromochloromethane	ND		ug/l	62	18.	25
1,2-Dibromoethane	ND		ug/l	50	16.	25
1,2-Dibromo-3-chloropropane	ND		ug/l	62	18.	25
Isopropylbenzene	ND		ug/l	62	18.	25
1,2,3-Trichlorobenzene	ND		ug/l	62	18.	25
1,2,4-Trichlorobenzene	ND		ug/l	62	18.	25
Methyl Acetate	ND		ug/l	50	5.8	25
Cyclohexane	ND		ug/l	250	6.8	25
1,4-Dioxane	ND		ug/l	6200	1500	25
Freon-113	ND		ug/l	62	18.	25
Methyl cyclohexane	ND		ug/l	250	9.9	25

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	129		70-130
Toluene-d8	101		70-130
4-Bromofluorobenzene	113		70-130
Dibromofluoromethane	112		70-130

Project Name: FORMER COYNE TEXTILE
Project Number: 059294.001

Lab Number: L2347588
Report Date: 09/07/23

SAMPLE RESULTS

Lab ID: L2347588-04
 Client ID: CHA-1-20230816
 Sample Location: SYRACUSE, NY

Date Collected: 08/16/23 12:00
 Date Received: 08/16/23
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 117,-
 Analytical Date: 08/23/23 07:46
 Analyst: SRO

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Dissolved Gases by GC - Mansfield Lab							
Methane	3790		ug/l	2.00	2.00	1	A
Ethene	34.7		ug/l	0.500	0.500	1	A
Ethane	24.0		ug/l	0.500	0.500	1	A

Project Name: FORMER COYNE TEXTILE**Lab Number:** L2347588**Project Number:** 059294.001**Report Date:** 09/07/23**SAMPLE RESULTS**

Lab ID: L2347588-04 D

Date Collected: 08/16/23 12:00

Client ID: CHA-1-20230816

Date Received: 08/16/23

Sample Location: SYRACUSE, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Water

Analytical Method: 1,8260D

Analytical Date: 08/23/23 08:59

Analyst: LAC

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	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	450		ug/l	10	0.71	10
Chloroethane	ND		ug/l	25	7.0	10
1,1-Dichloroethene	6.6		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 COYNE TEXTILE**Lab Number:** L2347588**Project Number:** 059294.001**Report Date:** 09/07/23**SAMPLE RESULTS**

Lab ID: L2347588-04 D

Date Collected: 08/16/23 12:00

Client ID: CHA-1-20230816

Date Received: 08/16/23

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	7.0	10
p/m-Xylene	ND		ug/l	25	7.0	10
o-Xylene	ND		ug/l	25	7.0	10
cis-1,2-Dichloroethene	1600		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	102		70-130
4-Bromofluorobenzene	90		70-130
Dibromofluoromethane	102		70-130

Project Name: FORMER COYNE TEXTILE
Project Number: 059294.001

Lab Number: L2347588
Report Date: 09/07/23

SAMPLE RESULTS

Lab ID: L2347588-05
 Client ID: MW-4-20230816
 Sample Location: SYRACUSE, NY

Date Collected: 08/16/23 14:00
 Date Received: 08/16/23
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 1,8260D
 Analytical Date: 08/21/23 21:09
 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	0.38	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	70		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
Project Number: 059294.001

Lab Number: L2347588
Report Date: 09/07/23

SAMPLE RESULTS

Lab ID: L2347588-05
Client ID: MW-4-20230816
Sample Location: SYRACUSE, NY

Date Collected: 08/16/23 14:00
Date Received: 08/16/23
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.70	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	39		ug/l	2.5	0.70	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	2.0	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	0.61	J	ug/l	10	0.40	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	127		70-130
Toluene-d8	101		70-130
4-Bromofluorobenzene	114		70-130
Dibromofluoromethane	113		70-130

Project Name: FORMER COYNE TEXTILE**Lab Number:** L2347588**Project Number:** 059294.001**Report Date:** 09/07/23**SAMPLE RESULTS**

Lab ID: L2347588-05
 Client ID: MW-4-20230816
 Sample Location: SYRACUSE, NY

Date Collected: 08/16/23 14:00
 Date Received: 08/16/23
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 117,-
 Analytical Date: 08/23/23 08:03
 Analyst: SRO

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Dissolved Gases by GC - Mansfield Lab							
Methane	8760		ug/l	2.00	2.00	1	A
Ethene	226		ug/l	0.500	0.500	1	A
Ethane	750		ug/l	0.500	0.500	1	A

Project Name: FORMER COYNE TEXTILE
Project Number: 059294.001

Lab Number: L2347588
Report Date: 09/07/23

SAMPLE RESULTS

Lab ID: L2347588-06
 Client ID: MW-105D-20230816
 Sample Location: SYRACUSE, NY

Date Collected: 08/16/23 15:40
 Date Received: 08/16/23
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 1,8260D
 Analytical Date: 08/21/23 21:31
 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	6.9		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	0.49	J	ug/l	1.0	0.07	1
Chloroethane	0.94	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	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1

Project Name: FORMER COYNE TEXTILE
Project Number: 059294.001

Lab Number: L2347588
Report Date: 09/07/23

SAMPLE RESULTS

Lab ID: L2347588-06
 Client ID: MW-105D-20230816
 Sample Location: SYRACUSE, NY

Date Collected: 08/16/23 15:40
 Date Received: 08/16/23
 Field Prep: Not Specified

Sample Depth:

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

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	128		70-130
Toluene-d8	101		70-130
4-Bromofluorobenzene	113		70-130
Dibromofluoromethane	113		70-130

Project Name: FORMER COYNE TEXTILE
Project Number: 059294.001

Lab Number: L2347588
Report Date: 09/07/23

SAMPLE RESULTS

Lab ID: L2347588-06
 Client ID: MW-105D-20230816
 Sample Location: SYRACUSE, NY

Date Collected: 08/16/23 15:40
 Date Received: 08/16/23
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 117,-
 Analytical Date: 08/23/23 08:21
 Analyst: SRO

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Dissolved Gases by GC - Mansfield Lab							
Methane	3520		ug/l	2.00	2.00	1	A
Ethene	ND		ug/l	0.500	0.500	1	A
Ethane	5.49		ug/l	0.500	0.500	1	A

Project Name: FORMER COYNE TEXTILE
Project Number: 059294.001

Lab Number: L2347588
Report Date: 09/07/23

SAMPLE RESULTS

Lab ID: L2347588-07
 Client ID: TRIP BLANK-20230816
 Sample Location: SYRACUSE, NY

Date Collected: 08/16/23 00:00
 Date Received: 08/16/23
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 1,8260D
 Analytical Date: 08/22/23 21:22
 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: FORMER COYNE TEXTILE
Project Number: 059294.001

Lab Number: L2347588
Report Date: 09/07/23

SAMPLE RESULTS

Lab ID: L2347588-07
 Client ID: TRIP BLANK-20230816
 Sample Location: SYRACUSE, NY

Date Collected: 08/16/23 00:00
 Date Received: 08/16/23
 Field Prep: Not Specified

Sample Depth:

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

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	100		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	90		70-130
Dibromofluoromethane	103		70-130

Project Name: FORMER COYNE TEXTILE
Project Number: 059294.001

Lab Number: L2347588
Report Date: 09/07/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 117,-
Analytical Date: 08/21/23 07:27
Analyst: SRO

Parameter	Result	Qualifier	Units	RL	MDL	
Dissolved Gases by GC - Mansfield Lab for sample(s): 01-03 Batch: WG1818146-3						
Methane	ND		ug/l	2.00	2.00	A
Ethene	ND		ug/l	0.500	0.500	A
Ethane	ND		ug/l	0.500	0.500	A

Project Name: FORMER COYNE TEXTILE
Project Number: 059294.001

Lab Number: L2347588
Report Date: 09/07/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 08/22/23 20:56
Analyst: TMS

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 07 Batch: WG1819025-5					
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
Project Number: 059294.001

Lab Number: L2347588
Report Date: 09/07/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 08/22/23 20:56
Analyst: TMS

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 07 Batch: WG1819025-5					
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70
Methyl tert butyl ether	ND		ug/l	2.5	0.70
p/m-Xylene	ND		ug/l	2.5	0.70
o-Xylene	ND		ug/l	2.5	0.70
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70
Styrene	ND		ug/l	2.5	0.70
Dichlorodifluoromethane	ND		ug/l	5.0	1.0
Acetone	ND		ug/l	5.0	1.5
Carbon disulfide	ND		ug/l	5.0	1.0
2-Butanone	ND		ug/l	5.0	1.9
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0
2-Hexanone	ND		ug/l	5.0	1.0
Bromochloromethane	ND		ug/l	2.5	0.70
1,2-Dibromoethane	ND		ug/l	2.0	0.65
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70
Isopropylbenzene	ND		ug/l	2.5	0.70
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70
Methyl Acetate	ND		ug/l	2.0	0.23
Cyclohexane	ND		ug/l	10	0.27
1,4-Dioxane	ND		ug/l	250	61.
Freon-113	ND		ug/l	2.5	0.70
Methyl cyclohexane	ND		ug/l	10	0.40

Project Name: FORMER COYNE TEXTILE
Project Number: 059294.001

Lab Number: L2347588
Report Date: 09/07/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 08/22/23 20:56
Analyst: TMS

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 07 Batch: WG1819025-5					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	103		70-130
Toluene-d8	101		70-130
4-Bromofluorobenzene	89		70-130
Dibromofluoromethane	105		70-130

Project Name: FORMER COYNE TEXTILE**Lab Number:** L2347588**Project Number:** 059294.001**Report Date:** 09/07/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 117,-
 Analytical Date: 08/23/23 07:19
 Analyst: SRO

Parameter	Result	Qualifier	Units	RL	MDL	
Dissolved Gases by GC - Mansfield Lab for sample(s): 04-06 Batch: WG1819032-3						
Methane	ND		ug/l	2.00	2.00	A
Ethene	ND		ug/l	0.500	0.500	A
Ethane	ND		ug/l	0.500	0.500	A

Project Name: FORMER COYNE TEXTILE
Project Number: 059294.001

Lab Number: L2347588
Report Date: 09/07/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 08/21/23 15:15
Analyst: MJV

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-03,05-06 Batch: WG1819137-5					
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
Project Number: 059294.001

Lab Number: L2347588
Report Date: 09/07/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 08/21/23 15:15
Analyst: MJV

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-03,05-06 Batch: WG1819137-5					
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70
Methyl tert butyl ether	ND		ug/l	2.5	0.70
p/m-Xylene	ND		ug/l	2.5	0.70
o-Xylene	ND		ug/l	2.5	0.70
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70
Styrene	ND		ug/l	2.5	0.70
Dichlorodifluoromethane	ND		ug/l	5.0	1.0
Acetone	ND		ug/l	5.0	1.5
Carbon disulfide	ND		ug/l	5.0	1.0
2-Butanone	ND		ug/l	5.0	1.9
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0
2-Hexanone	ND		ug/l	5.0	1.0
Bromochloromethane	ND		ug/l	2.5	0.70
1,2-Dibromoethane	ND		ug/l	2.0	0.65
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70
Isopropylbenzene	ND		ug/l	2.5	0.70
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70
Methyl Acetate	ND		ug/l	2.0	0.23
Cyclohexane	ND		ug/l	10	0.27
1,4-Dioxane	ND		ug/l	250	61.
Freon-113	ND		ug/l	2.5	0.70
Methyl cyclohexane	ND		ug/l	10	0.40

Project Name: FORMER COYNE TEXTILE
Project Number: 059294.001

Lab Number: L2347588
Report Date: 09/07/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 08/21/23 15:15
Analyst: MJV

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-03,05-06 Batch: WG1819137-5					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	128		70-130
Toluene-d8	101		70-130
4-Bromofluorobenzene	111		70-130
Dibromofluoromethane	110		70-130

Project Name: FORMER COYNE TEXTILE
Project Number: 059294.001

Lab Number: L2347588
Report Date: 09/07/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 08/23/23 08:34
Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01,04 Batch: WG1819621-5					
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
Project Number: 059294.001

Lab Number: L2347588
Report Date: 09/07/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 08/23/23 08:34
Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01,04 Batch: WG1819621-5					
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70
Methyl tert butyl ether	ND		ug/l	2.5	0.70
p/m-Xylene	ND		ug/l	2.5	0.70
o-Xylene	ND		ug/l	2.5	0.70
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70
Styrene	ND		ug/l	2.5	0.70
Dichlorodifluoromethane	ND		ug/l	5.0	1.0
Acetone	ND		ug/l	5.0	1.5
Carbon disulfide	ND		ug/l	5.0	1.0
2-Butanone	ND		ug/l	5.0	1.9
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0
2-Hexanone	ND		ug/l	5.0	1.0
Bromochloromethane	ND		ug/l	2.5	0.70
1,2-Dibromoethane	ND		ug/l	2.0	0.65
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70
Isopropylbenzene	ND		ug/l	2.5	0.70
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70
Methyl Acetate	ND		ug/l	2.0	0.23
Cyclohexane	ND		ug/l	10	0.27
1,4-Dioxane	ND		ug/l	250	61.
Freon-113	ND		ug/l	2.5	0.70
Methyl cyclohexane	ND		ug/l	10	0.40

Project Name: FORMER COYNE TEXTILE
Project Number: 059294.001

Lab Number: L2347588
Report Date: 09/07/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 08/23/23 08:34
Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01,04 Batch: WG1819621-5					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	99		70-130
Toluene-d8	102		70-130
4-Bromofluorobenzene	91		70-130
Dibromofluoromethane	101		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: FORMER COYNE TEXTILE

Project Number: 059294.001

Lab Number: L2347588

Report Date: 09/07/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Dissolved Gases by GC - Mansfield Lab Associated sample(s): 01-03 Batch: WG1818146-2									
Methane	95		-		80-120	-		25	A
Ethene	89		-		80-120	-		25	A
Ethane	88		-		80-120	-		25	A

Lab Control Sample Analysis

Batch Quality Control

Project Name: FORMER COYNE TEXTILE

Lab Number: L2347588

Project Number: 059294.001

Report Date: 09/07/23

Parameter	LCS		LCSD		%Recovery Limits	RPD	Qual	RPD Limits
	%Recovery	Qual	%Recovery	Qual				
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 07 Batch: WG1819025-3 WG1819025-4								
Methylene chloride	100		100		70-130	0		20
1,1-Dichloroethane	110		110		70-130	0		20
Chloroform	110		110		70-130	0		20
Carbon tetrachloride	100		100		63-132	0		20
1,2-Dichloropropane	100		100		70-130	0		20
Dibromochloromethane	93		95		63-130	2		20
1,1,2-Trichloroethane	94		95		70-130	1		20
Tetrachloroethene	110		110		70-130	0		20
Chlorobenzene	100		100		75-130	0		20
Trichlorofluoromethane	120		120		62-150	0		20
1,2-Dichloroethane	100		100		70-130	0		20
1,1,1-Trichloroethane	110		110		67-130	0		20
Bromodichloromethane	100		100		67-130	0		20
trans-1,3-Dichloropropene	91		90		70-130	1		20
cis-1,3-Dichloropropene	94		95		70-130	1		20
Bromoform	80		82		54-136	2		20
1,1,2,2-Tetrachloroethane	96		97		67-130	1		20
Benzene	110		110		70-130	0		20
Toluene	100		100		70-130	0		20
Ethylbenzene	100		100		70-130	0		20
Chloromethane	100		100		64-130	0		20
Bromomethane	98		99		39-139	1		20
Vinyl chloride	120		120		55-140	0		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: FORMER COYNE TEXTILE

Lab Number: L2347588

Project Number: 059294.001

Report Date: 09/07/23

Parameter	LCS	Qual	LCS	Qual	%Recovery	RPD	Qual	RPD
	%Recovery		%Recovery		Limits			Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 07 Batch: WG1819025-3 WG1819025-4								
Chloroethane	120		120		55-138	0		20
1,1-Dichloroethene	120		120		61-145	0		20
trans-1,2-Dichloroethene	110		110		70-130	0		20
Trichloroethene	98		98		70-130	0		20
1,2-Dichlorobenzene	100		100		70-130	0		20
1,3-Dichlorobenzene	100		100		70-130	0		20
1,4-Dichlorobenzene	100		100		70-130	0		20
Methyl tert butyl ether	89		90		63-130	1		20
p/m-Xylene	105		105		70-130	0		20
o-Xylene	100		100		70-130	0		20
cis-1,2-Dichloroethene	110		110		70-130	0		20
Styrene	100		100		70-130	0		20
Dichlorodifluoromethane	120		120		36-147	0		20
Acetone	88		85		58-148	3		20
Carbon disulfide	110		110		51-130	0		20
2-Butanone	81		81		63-138	0		20
4-Methyl-2-pentanone	77		83		59-130	8		20
2-Hexanone	73		72		57-130	1		20
Bromochloromethane	110		110		70-130	0		20
1,2-Dibromoethane	93		94		70-130	1		20
1,2-Dibromo-3-chloropropane	80		81		41-144	1		20
Isopropylbenzene	100		100		70-130	0		20
1,2,3-Trichlorobenzene	93		96		70-130	3		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: FORMER COYNE TEXTILE

Project Number: 059294.001

Lab Number: L2347588

Report Date: 09/07/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 07 Batch: WG1819025-3 WG1819025-4								
1,2,4-Trichlorobenzene	93		95		70-130	2		20
Methyl Acetate	98		100		70-130	2		20
Cyclohexane	110		110		70-130	0		20
1,4-Dioxane	106		118		56-162	11		20
Freon-113	120		120		70-130	0		20
Methyl cyclohexane	110		110		70-130	0		20

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	108		107		70-130
Toluene-d8	101		101		70-130
4-Bromofluorobenzene	92		95		70-130
Dibromofluoromethane	106		105		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: FORMER COYNE TEXTILE

Project Number: 059294.001

Lab Number: L2347588

Report Date: 09/07/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Dissolved Gases by GC - Mansfield Lab Associated sample(s): 04-06 Batch: WG1819032-2									
Methane	90		-		80-120	-		25	A
Ethene	83		-		80-120	-		25	A
Ethane	86		-		80-120	-		25	A

Lab Control Sample Analysis

Batch Quality Control

Project Name: FORMER COYNE TEXTILE

Lab Number: L2347588

Project Number: 059294.001

Report Date: 09/07/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-03,05-06 Batch: WG1819137-3 WG1819137-4								
Methylene chloride	110		110		70-130	0		20
1,1-Dichloroethane	120		120		70-130	0		20
Chloroform	110		110		70-130	0		20
Carbon tetrachloride	120		110		63-132	9		20
1,2-Dichloropropane	120		120		70-130	0		20
Dibromochloromethane	96		91		63-130	5		20
1,1,2-Trichloroethane	100		100		70-130	0		20
Tetrachloroethene	100		91		70-130	9		20
Chlorobenzene	100		95		75-130	5		20
Trichlorofluoromethane	110		100		62-150	10		20
1,2-Dichloroethane	120		120		70-130	0		20
1,1,1-Trichloroethane	120		110		67-130	9		20
Bromodichloromethane	120		120		67-130	0		20
trans-1,3-Dichloropropene	110		100		70-130	10		20
cis-1,3-Dichloropropene	120		120		70-130	0		20
Bromoform	91		90		54-136	1		20
1,1,2,2-Tetrachloroethane	110		120		67-130	9		20
Benzene	120		110		70-130	9		20
Toluene	110		98		70-130	12		20
Ethylbenzene	110		100		70-130	10		20
Chloromethane	120		110		64-130	9		20
Bromomethane	97		81		39-139	18		20
Vinyl chloride	120		100		55-140	18		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: FORMER COYNE TEXTILE

Lab Number: L2347588

Project Number: 059294.001

Report Date: 09/07/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-03,05-06 Batch: WG1819137-3 WG1819137-4								
Chloroethane	120		120		55-138	0		20
1,1-Dichloroethene	120		110		61-145	9		20
trans-1,2-Dichloroethene	110		110		70-130	0		20
Trichloroethene	110		100		70-130	10		20
1,2-Dichlorobenzene	96		92		70-130	4		20
1,3-Dichlorobenzene	98		92		70-130	6		20
1,4-Dichlorobenzene	98		92		70-130	6		20
Methyl tert butyl ether	110		120		63-130	9		20
p/m-Xylene	105		95		70-130	10		20
o-Xylene	100		95		70-130	5		20
cis-1,2-Dichloroethene	110		110		70-130	0		20
Styrene	105		95		70-130	10		20
Dichlorodifluoromethane	110		100		36-147	10		20
Acetone	110		120		58-148	9		20
Carbon disulfide	120		110		51-130	9		20
2-Butanone	100		120		63-138	18		20
4-Methyl-2-pentanone	98		110		59-130	12		20
2-Hexanone	92		110		57-130	18		20
Bromochloromethane	99		99		70-130	0		20
1,2-Dibromoethane	98		96		70-130	2		20
1,2-Dibromo-3-chloropropane	84		91		41-144	8		20
Isopropylbenzene	110		100		70-130	10		20
1,2,3-Trichlorobenzene	97		94		70-130	3		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: FORMER COYNE TEXTILE

Lab Number: L2347588

Project Number: 059294.001

Report Date: 09/07/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-03,05-06 Batch: WG1819137-3 WG1819137-4								
1,2,4-Trichlorobenzene	100		95		70-130	5		20
Methyl Acetate	110		120		70-130	9		20
Cyclohexane	130		120		70-130	8		20
1,4-Dioxane	114		124		56-162	8		20
Freon-113	120		120		70-130	0		20
Methyl cyclohexane	130		120		70-130	8		20

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	112		124		70-130
Toluene-d8	102		101		70-130
4-Bromofluorobenzene	106		110		70-130
Dibromofluoromethane	102		106		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: FORMER COYNE TEXTILE

Lab Number: L2347588

Project Number: 059294.001

Report Date: 09/07/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01,04 Batch: WG1819621-3 WG1819621-4								
Methylene chloride	100		100		70-130	0		20
1,1-Dichloroethane	100		100		70-130	0		20
Chloroform	100		100		70-130	0		20
Carbon tetrachloride	99		100		63-132	1		20
1,2-Dichloropropane	97		99		70-130	2		20
Dibromochloromethane	92		93		63-130	1		20
1,1,2-Trichloroethane	93		93		70-130	0		20
Tetrachloroethene	110		110		70-130	0		20
Chlorobenzene	100		100		75-130	0		20
Trichlorofluoromethane	120		120		62-150	0		20
1,2-Dichloroethane	96		97		70-130	1		20
1,1,1-Trichloroethane	110		110		67-130	0		20
Bromodichloromethane	96		98		67-130	2		20
trans-1,3-Dichloropropene	92		90		70-130	2		20
cis-1,3-Dichloropropene	93		94		70-130	1		20
Bromoform	78		81		54-136	4		20
1,1,2,2-Tetrachloroethane	93		96		67-130	3		20
Benzene	100		100		70-130	0		20
Toluene	100		100		70-130	0		20
Ethylbenzene	100		100		70-130	0		20
Chloromethane	110		100		64-130	10		20
Bromomethane	110		100		39-139	10		20
Vinyl chloride	110		110		55-140	0		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: FORMER COYNE TEXTILE

Lab Number: L2347588

Project Number: 059294.001

Report Date: 09/07/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01,04 Batch: WG1819621-3 WG1819621-4								
Chloroethane	120		110		55-138	9		20
1,1-Dichloroethene	97		97		61-145	0		20
trans-1,2-Dichloroethene	110		110		70-130	0		20
Trichloroethene	91		92		70-130	1		20
1,2-Dichlorobenzene	100		100		70-130	0		20
1,3-Dichlorobenzene	100		100		70-130	0		20
1,4-Dichlorobenzene	100		100		70-130	0		20
Methyl tert butyl ether	88		88		63-130	0		20
p/m-Xylene	105		100		70-130	5		20
o-Xylene	100		100		70-130	0		20
cis-1,2-Dichloroethene	110		110		70-130	0		20
Styrene	100		100		70-130	0		20
Dichlorodifluoromethane	110		110		36-147	0		20
Acetone	76		78		58-148	3		20
Carbon disulfide	89		87		51-130	2		20
2-Butanone	74		76		63-138	3		20
4-Methyl-2-pentanone	77		76		59-130	1		20
2-Hexanone	72		71		57-130	1		20
Bromochloromethane	110		110		70-130	0		20
1,2-Dibromoethane	94		92		70-130	2		20
1,2-Dibromo-3-chloropropane	79		79		41-144	0		20
Isopropylbenzene	110		110		70-130	0		20
1,2,3-Trichlorobenzene	95		95		70-130	0		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: FORMER COYNE TEXTILE

Project Number: 059294.001

Lab Number: L2347588

Report Date: 09/07/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01,04 Batch: WG1819621-3 WG1819621-4								
1,2,4-Trichlorobenzene	95		98		70-130	3		20
Methyl Acetate	95		92		70-130	3		20
Cyclohexane	110		110		70-130	0		20
1,4-Dioxane	106		108		56-162	2		20
Freon-113	95		94		70-130	1		20
Methyl cyclohexane	100		100		70-130	0		20

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	102		104		70-130
Toluene-d8	102		101		70-130
4-Bromofluorobenzene	95		94		70-130
Dibromofluoromethane	101		102		70-130

Matrix Spike Analysis Batch Quality Control

Project Name: FORMER COYNE TEXTILE
Project Number: 059294.001

Lab Number: L2347588
Report Date: 09/07/23

<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 20230816 Associated sample(s): 01-03 QC Batch ID: WG1818146-4 WG1818146-5 QC Sample: L2347588-01 Client ID: MW-5R-													
Methane	1270	54.6	1430	293	Q	1440	311	Q	80-120	1		25	A
Ethene	22.9	95.5	109	90		108	89		80-120	1		25	A
Ethane	42.9	102	138	93		135	90		80-120	2		25	A



Matrix Spike Analysis

Batch Quality Control

Project Name: FORMER COYNE TEXTILE

Lab Number: L2347588

Project Number: 059294.001

Report Date: 09/07/23

<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): 01-03,05-06 QC Batch ID: WG1819137-6 WG1819137-7 QC Sample: L2347588-01 Client ID: MW-5R-20230816												
Methylene chloride	ND	10	11	110		11	110		70-130	0		20
1,1-Dichloroethane	ND	10	13	130		12	120		70-130	8		20
Chloroform	ND	10	12	120		12	120		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	8.9	89		8.5	85		63-130	5		20
1,1,2-Trichloroethane	ND	10	9.9	99		9.4	94		70-130	5		20
Tetrachloroethene	28	10	36	80		38	100		70-130	5		20
Chlorobenzene	ND	10	9.9	99		9.5	95		75-130	4		20
Trichlorofluoromethane	ND	10	8.8	88		8.3	83		62-150	6		20
1,2-Dichloroethane	ND	10	12	120		12	120		70-130	0		20
1,1,1-Trichloroethane	ND	10	12	120		12	120		67-130	0		20
Bromodichloromethane	ND	10	12	120		11	110		67-130	9		20
trans-1,3-Dichloropropene	ND	10	10	100		9.7	97		70-130	3		20
cis-1,3-Dichloropropene	ND	10	11	110		11	110		70-130	0		20
Bromoform	ND	10	8.5	85		8.1	81		54-136	5		20
1,1,2,2-Tetrachloroethane	ND	10	11	110		11	110		67-130	0		20
Benzene	0.74	10	13	123		12	113		70-130	8		20
Toluene	ND	10	10	100		10	100		70-130	0		20
Ethylbenzene	ND	10	11	110		10	100		70-130	10		20
Chloromethane	ND	10	13	130		13	130		64-130	0		20
Bromomethane	ND	10	6.1	61		5.4	54		39-139	12		20
Vinyl chloride	240E	10	230E	0	Q	220E	0	Q	55-140	4		20

Matrix Spike Analysis

Batch Quality Control

Project Name: FORMER COYNE TEXTILE

Lab Number: L2347588

Project Number: 059294.001

Report Date: 09/07/23

<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): 01-03,05-06 QC Batch ID: WG1819137-6 WG1819137-7 QC Sample: L2347588-01 Client ID: MW-5R-20230816												
Chloroethane	ND	10	18	180	Q	16	160	Q	55-138	12		20
1,1-Dichloroethene	ND	10	12	120		12	120		61-145	0		20
trans-1,2-Dichloroethene	ND	10	12	120		11	110		70-130	9		20
Trichloroethene	7.1	10	17	99		18	109		70-130	6		20
1,2-Dichlorobenzene	ND	10	9.4	94		9.1	91		70-130	3		20
1,3-Dichlorobenzene	ND	10	9.4	94		9.0	90		70-130	4		20
1,4-Dichlorobenzene	ND	10	9.4	94		9.2	92		70-130	2		20
Methyl tert butyl ether	ND	10	11	110		11	110		63-130	0		20
p/m-Xylene	ND	20	20	100		20	100		70-130	0		20
o-Xylene	ND	20	20	100		19	95		70-130	5		20
cis-1,2-Dichloroethene	14	10	24	100		26	120		70-130	8		20
Styrene	ND	20	20	100		19	95		70-130	5		20
Dichlorodifluoromethane	ND	10	11	110		11	110		36-147	0		20
Acetone	ND	10	13	130		12	120		58-148	8		20
Carbon disulfide	ND	10	13	130		13	130		51-130	0		20
2-Butanone	ND	10	11	110		11	110		63-138	0		20
4-Methyl-2-pentanone	ND	10	10	100		10	100		59-130	0		20
2-Hexanone	ND	10	10	100		9.4	94		57-130	6		20
Bromochloromethane	ND	10	10	100		9.9	99		70-130	1		20
1,2-Dibromoethane	ND	10	9.5	95		9.1	91		70-130	4		20
1,2-Dibromo-3-chloropropane	ND	10	8.7	87		8.4	84		41-144	4		20
Isopropylbenzene	ND	10	10	100		10	100		70-130	0		20
1,2,3-Trichlorobenzene	ND	10	9.3	93		9.0	90		70-130	3		20

Matrix Spike Analysis Batch Quality Control

Project Name: FORMER COYNE TEXTILE
Project Number: 059294.001

Lab Number: L2347588
Report Date: 09/07/23

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): 01-03,05-06 QC Batch ID: WG1819137-6 WG1819137-7 QC Sample: L2347588-01 Client ID: MW-5R-20230816												
1,2,4-Trichlorobenzene	ND	10	9.3	93		9.2	92		70-130	1		20
Methyl Acetate	ND	10	12	120		11	110		70-130	9		20
Cyclohexane	ND	10	14	140	Q	13	130		70-130	7		20
1,4-Dioxane	ND	500	560	112		540	108		56-162	4		20
Freon-113	ND	10	12	120		12	120		70-130	0		20
Methyl cyclohexane	ND	10	12	120		12	120		70-130	0		20

Surrogate	MS		MSD		Acceptance Criteria
	% Recovery	Qualifier	% Recovery	Qualifier	
1,2-Dichloroethane-d4	125		125		70-130
4-Bromofluorobenzene	109		109		70-130
Dibromofluoromethane	108		107		70-130
Toluene-d8	100		100		70-130



METALS

Project Name: FORMER COYNE TEXTILE

Lab Number: L2347588

Project Number: 059294.001

Report Date: 09/07/23

SAMPLE RESULTS

Lab ID: L2347588-01
 Client ID: MW-5R-20230816
 Sample Location: SYRACUSE, NY

Date Collected: 08/16/23 09:45
 Date Received: 08/16/23
 Field Prep: Not Specified

Sample Depth:
 Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	1.05		mg/l	0.0100	0.00327	1	08/18/23 07:39	08/21/23 13:32	EPA 3005A	1,6020B	SMV
Antimony, Total	0.00301	J	mg/l	0.00400	0.00042	1	08/18/23 07:39	08/21/23 13:32	EPA 3005A	1,6020B	SMV
Arsenic, Total	0.00907		mg/l	0.00050	0.00016	1	08/18/23 07:39	08/21/23 13:32	EPA 3005A	1,6020B	SMV
Barium, Total	0.1427		mg/l	0.00050	0.00017	1	08/18/23 07:39	08/21/23 13:32	EPA 3005A	1,6020B	SMV
Beryllium, Total	ND		mg/l	0.00050	0.00010	1	08/18/23 07:39	08/21/23 13:32	EPA 3005A	1,6020B	SMV
Cadmium, Total	0.00015	J	mg/l	0.00020	0.00005	1	08/18/23 07:39	08/21/23 13:32	EPA 3005A	1,6020B	SMV
Calcium, Total	120.		mg/l	0.100	0.0394	1	08/18/23 07:39	08/21/23 13:32	EPA 3005A	1,6020B	SMV
Chromium, Total	0.00172		mg/l	0.00100	0.00017	1	08/18/23 07:39	08/21/23 13:32	EPA 3005A	1,6020B	SMV
Cobalt, Total	0.00082		mg/l	0.00050	0.00016	1	08/18/23 07:39	08/21/23 13:32	EPA 3005A	1,6020B	SMV
Copper, Total	0.00465		mg/l	0.00100	0.00038	1	08/18/23 07:39	08/21/23 13:32	EPA 3005A	1,6020B	SMV
Iron, Total	7.09		mg/l	0.0500	0.0191	1	08/18/23 07:39	08/21/23 13:32	EPA 3005A	1,6020B	SMV
Lead, Total	0.00435		mg/l	0.00100	0.00034	1	08/18/23 07:39	08/21/23 13:32	EPA 3005A	1,6020B	SMV
Magnesium, Total	33.0		mg/l	0.0700	0.0242	1	08/18/23 07:39	08/21/23 13:32	EPA 3005A	1,6020B	SMV
Manganese, Total	0.1572		mg/l	0.00100	0.00044	1	08/18/23 07:39	08/21/23 13:32	EPA 3005A	1,6020B	SMV
Mercury, Total	0.00011	J	mg/l	0.00020	0.00009	1	08/18/23 08:33	08/19/23 14:47	EPA 7470A	1,7470A	GMG
Nickel, Total	0.00187	J	mg/l	0.00200	0.00055	1	08/18/23 07:39	08/21/23 13:32	EPA 3005A	1,6020B	SMV
Potassium, Total	12.3		mg/l	0.100	0.0309	1	08/18/23 07:39	08/21/23 13:32	EPA 3005A	1,6020B	SMV
Selenium, Total	ND		mg/l	0.00500	0.00173	1	08/18/23 07:39	08/21/23 13:32	EPA 3005A	1,6020B	SMV
Silver, Total	ND		mg/l	0.00040	0.00016	1	08/18/23 07:39	08/21/23 13:32	EPA 3005A	1,6020B	SMV
Sodium, Total	133.		mg/l	0.100	0.0293	1	08/18/23 07:39	08/21/23 13:32	EPA 3005A	1,6020B	SMV
Thallium, Total	ND		mg/l	0.00100	0.00014	1	08/18/23 07:39	08/21/23 13:32	EPA 3005A	1,6020B	SMV
Vanadium, Total	0.00290	J	mg/l	0.00500	0.00157	1	08/18/23 07:39	08/21/23 13:32	EPA 3005A	1,6020B	SMV
Zinc, Total	0.04041		mg/l	0.01000	0.00341	1	08/18/23 07:39	08/21/23 13:32	EPA 3005A	1,6020B	SMV



Project Name: FORMER COYNE TEXTILE

Lab Number: L2347588

Project Number: 059294.001

Report Date: 09/07/23

SAMPLE RESULTS

Lab ID: L2347588-02

Date Collected: 08/16/23 11:10

Client ID: MW-6R-20230816

Date Received: 08/16/23

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
Total Metals - Mansfield Lab											
Aluminum, Total	1.52		mg/l	0.0100	0.00327	1	08/18/23 07:39	09/06/23 20:26	EPA 3005A	1,6020B	WKP
Antimony, Total	ND		mg/l	0.00400	0.00042	1	08/18/23 07:39	09/06/23 20:26	EPA 3005A	1,6020B	WKP
Arsenic, Total	0.00357		mg/l	0.00050	0.00016	1	08/18/23 07:39	09/06/23 20:26	EPA 3005A	1,6020B	WKP
Barium, Total	0.1421		mg/l	0.00050	0.00017	1	08/18/23 07:39	09/06/23 20:26	EPA 3005A	1,6020B	WKP
Beryllium, Total	ND		mg/l	0.00050	0.00010	1	08/18/23 07:39	09/06/23 20:26	EPA 3005A	1,6020B	WKP
Cadmium, Total	ND		mg/l	0.00020	0.00005	1	08/18/23 07:39	09/06/23 20:26	EPA 3005A	1,6020B	WKP
Calcium, Total	140.		mg/l	0.100	0.0394	1	08/18/23 07:39	09/06/23 20:26	EPA 3005A	1,6020B	WKP
Chromium, Total	0.00292		mg/l	0.00100	0.00017	1	08/18/23 07:39	09/06/23 20:26	EPA 3005A	1,6020B	WKP
Cobalt, Total	0.00136		mg/l	0.00050	0.00016	1	08/18/23 07:39	09/06/23 20:26	EPA 3005A	1,6020B	WKP
Copper, Total	0.00640		mg/l	0.00100	0.00038	1	08/18/23 07:39	09/06/23 20:26	EPA 3005A	1,6020B	WKP
Iron, Total	14.7		mg/l	0.0500	0.0191	1	08/18/23 07:39	09/06/23 20:26	EPA 3005A	1,6020B	WKP
Lead, Total	0.00623		mg/l	0.00100	0.00034	1	08/18/23 07:39	09/06/23 20:26	EPA 3005A	1,6020B	WKP
Magnesium, Total	24.2		mg/l	0.0700	0.0242	1	08/18/23 07:39	09/06/23 20:26	EPA 3005A	1,6020B	WKP
Manganese, Total	0.3977		mg/l	0.00100	0.00044	1	08/18/23 07:39	09/06/23 20:26	EPA 3005A	1,6020B	WKP
Mercury, Total	0.00013	J	mg/l	0.00020	0.00009	1	08/18/23 08:33	08/19/23 15:07	EPA 7470A	1,7470A	GMG
Nickel, Total	0.00364		mg/l	0.00200	0.00055	1	08/18/23 07:39	09/06/23 20:26	EPA 3005A	1,6020B	WKP
Potassium, Total	13.4		mg/l	0.100	0.0309	1	08/18/23 07:39	09/06/23 20:26	EPA 3005A	1,6020B	WKP
Selenium, Total	ND		mg/l	0.00500	0.00173	1	08/18/23 07:39	09/06/23 20:26	EPA 3005A	1,6020B	WKP
Silver, Total	ND		mg/l	0.00040	0.00016	1	08/18/23 07:39	09/06/23 20:26	EPA 3005A	1,6020B	WKP
Sodium, Total	283.		mg/l	0.100	0.0293	1	08/18/23 07:39	09/06/23 20:26	EPA 3005A	1,6020B	WKP
Thallium, Total	ND		mg/l	0.00100	0.00014	1	08/18/23 07:39	09/06/23 20:26	EPA 3005A	1,6020B	WKP
Vanadium, Total	0.00483	J	mg/l	0.00500	0.00157	1	08/18/23 07:39	09/06/23 20:26	EPA 3005A	1,6020B	WKP
Zinc, Total	0.02714		mg/l	0.01000	0.00341	1	08/18/23 07:39	09/06/23 20:26	EPA 3005A	1,6020B	WKP



Project Name: FORMER COYNE TEXTILE**Lab Number:** L2347588**Project Number:** 059294.001**Report Date:** 09/07/23**SAMPLE RESULTS**

Lab ID: L2347588-03

Date Collected: 08/16/23 12:20

Client ID: MW-7R-20230816

Date Received: 08/16/23

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
Total Metals - Mansfield Lab											
Aluminum, Total	0.0683		mg/l	0.0100	0.00327	1	08/18/23 07:39	09/06/23 20:31	EPA 3005A	1,6020B	WKP
Antimony, Total	ND		mg/l	0.00400	0.00042	1	08/18/23 07:39	09/06/23 20:31	EPA 3005A	1,6020B	WKP
Arsenic, Total	0.00118		mg/l	0.00050	0.00016	1	08/18/23 07:39	09/06/23 20:31	EPA 3005A	1,6020B	WKP
Barium, Total	0.2943		mg/l	0.00050	0.00017	1	08/18/23 07:39	09/06/23 20:31	EPA 3005A	1,6020B	WKP
Beryllium, Total	ND		mg/l	0.00050	0.00010	1	08/18/23 07:39	09/06/23 20:31	EPA 3005A	1,6020B	WKP
Cadmium, Total	ND		mg/l	0.00020	0.00005	1	08/18/23 07:39	09/06/23 20:31	EPA 3005A	1,6020B	WKP
Calcium, Total	150.		mg/l	0.100	0.0394	1	08/18/23 07:39	09/06/23 20:31	EPA 3005A	1,6020B	WKP
Chromium, Total	0.00059	J	mg/l	0.00100	0.00017	1	08/18/23 07:39	09/06/23 20:31	EPA 3005A	1,6020B	WKP
Cobalt, Total	0.00019	J	mg/l	0.00050	0.00016	1	08/18/23 07:39	09/06/23 20:31	EPA 3005A	1,6020B	WKP
Copper, Total	0.00108		mg/l	0.00100	0.00038	1	08/18/23 07:39	09/06/23 20:31	EPA 3005A	1,6020B	WKP
Iron, Total	6.25		mg/l	0.0500	0.0191	1	08/18/23 07:39	09/06/23 20:31	EPA 3005A	1,6020B	WKP
Lead, Total	0.00080	J	mg/l	0.00100	0.00034	1	08/18/23 07:39	09/06/23 20:31	EPA 3005A	1,6020B	WKP
Magnesium, Total	40.7		mg/l	0.0700	0.0242	1	08/18/23 07:39	09/06/23 20:31	EPA 3005A	1,6020B	WKP
Manganese, Total	0.2527		mg/l	0.00100	0.00044	1	08/18/23 07:39	09/06/23 20:31	EPA 3005A	1,6020B	WKP
Mercury, Total	ND		mg/l	0.00020	0.00009	1	08/18/23 08:33	08/19/23 15:11	EPA 7470A	1,7470A	GMG
Nickel, Total	ND		mg/l	0.00200	0.00055	1	08/18/23 07:39	09/06/23 20:31	EPA 3005A	1,6020B	WKP
Potassium, Total	12.2		mg/l	0.100	0.0309	1	08/18/23 07:39	09/06/23 20:31	EPA 3005A	1,6020B	WKP
Selenium, Total	ND		mg/l	0.00500	0.00173	1	08/18/23 07:39	09/06/23 20:31	EPA 3005A	1,6020B	WKP
Silver, Total	ND		mg/l	0.00040	0.00016	1	08/18/23 07:39	09/06/23 20:31	EPA 3005A	1,6020B	WKP
Sodium, Total	147.		mg/l	0.100	0.0293	1	08/18/23 07:39	09/06/23 20:31	EPA 3005A	1,6020B	WKP
Thallium, Total	ND		mg/l	0.00100	0.00014	1	08/18/23 07:39	09/06/23 20:31	EPA 3005A	1,6020B	WKP
Vanadium, Total	ND		mg/l	0.00500	0.00157	1	08/18/23 07:39	09/06/23 20:31	EPA 3005A	1,6020B	WKP
Zinc, Total	0.00559	J	mg/l	0.01000	0.00341	1	08/18/23 07:39	09/06/23 20:31	EPA 3005A	1,6020B	WKP



Project Name: FORMER COYNE TEXTILE**Lab Number:** L2347588**Project Number:** 059294.001**Report Date:** 09/07/23**SAMPLE RESULTS**

Lab ID: L2347588-04
 Client ID: CHA-1-20230816
 Sample Location: SYRACUSE, NY

Date Collected: 08/16/23 12:00
 Date Received: 08/16/23
 Field Prep: Not Specified

Sample Depth:
 Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	0.0599		mg/l	0.0100	0.00327	1	08/18/23 07:39	09/06/23 20:36	EPA 3005A	1,6020B	WKP
Antimony, Total	ND		mg/l	0.00400	0.00042	1	08/18/23 07:39	09/06/23 20:36	EPA 3005A	1,6020B	WKP
Arsenic, Total	0.00113		mg/l	0.00050	0.00016	1	08/18/23 07:39	09/06/23 20:36	EPA 3005A	1,6020B	WKP
Barium, Total	0.2926		mg/l	0.00050	0.00017	1	08/18/23 07:39	09/06/23 20:36	EPA 3005A	1,6020B	WKP
Beryllium, Total	ND		mg/l	0.00050	0.00010	1	08/18/23 07:39	09/06/23 20:36	EPA 3005A	1,6020B	WKP
Cadmium, Total	ND		mg/l	0.00020	0.00005	1	08/18/23 07:39	09/06/23 20:36	EPA 3005A	1,6020B	WKP
Calcium, Total	144.		mg/l	0.100	0.0394	1	08/18/23 07:39	09/06/23 20:36	EPA 3005A	1,6020B	WKP
Chromium, Total	0.00045	J	mg/l	0.00100	0.00017	1	08/18/23 07:39	09/06/23 20:36	EPA 3005A	1,6020B	WKP
Cobalt, Total	0.00017	J	mg/l	0.00050	0.00016	1	08/18/23 07:39	09/06/23 20:36	EPA 3005A	1,6020B	WKP
Copper, Total	0.00053	J	mg/l	0.00100	0.00038	1	08/18/23 07:39	09/06/23 20:36	EPA 3005A	1,6020B	WKP
Iron, Total	6.26		mg/l	0.0500	0.0191	1	08/18/23 07:39	09/06/23 20:36	EPA 3005A	1,6020B	WKP
Lead, Total	0.00057	J	mg/l	0.00100	0.00034	1	08/18/23 07:39	09/06/23 20:36	EPA 3005A	1,6020B	WKP
Magnesium, Total	39.2		mg/l	0.0700	0.0242	1	08/18/23 07:39	09/06/23 20:36	EPA 3005A	1,6020B	WKP
Manganese, Total	0.2458		mg/l	0.00100	0.00044	1	08/18/23 07:39	09/06/23 20:36	EPA 3005A	1,6020B	WKP
Mercury, Total	ND		mg/l	0.00020	0.00009	1	08/18/23 08:33	08/19/23 15:14	EPA 7470A	1,7470A	GMG
Nickel, Total	ND		mg/l	0.00200	0.00055	1	08/18/23 07:39	09/06/23 20:36	EPA 3005A	1,6020B	WKP
Potassium, Total	11.8		mg/l	0.100	0.0309	1	08/18/23 07:39	09/06/23 20:36	EPA 3005A	1,6020B	WKP
Selenium, Total	ND		mg/l	0.00500	0.00173	1	08/18/23 07:39	09/06/23 20:36	EPA 3005A	1,6020B	WKP
Silver, Total	ND		mg/l	0.00040	0.00016	1	08/18/23 07:39	09/06/23 20:36	EPA 3005A	1,6020B	WKP
Sodium, Total	146.		mg/l	0.100	0.0293	1	08/18/23 07:39	09/06/23 20:36	EPA 3005A	1,6020B	WKP
Thallium, Total	ND		mg/l	0.00100	0.00014	1	08/18/23 07:39	09/06/23 20:36	EPA 3005A	1,6020B	WKP
Vanadium, Total	ND		mg/l	0.00500	0.00157	1	08/18/23 07:39	09/06/23 20:36	EPA 3005A	1,6020B	WKP
Zinc, Total	0.00400	J	mg/l	0.01000	0.00341	1	08/18/23 07:39	09/06/23 20:36	EPA 3005A	1,6020B	WKP



Project Name: FORMER COYNE TEXTILE

Lab Number: L2347588

Project Number: 059294.001

Report Date: 09/07/23

SAMPLE RESULTS

Lab ID: L2347588-05
 Client ID: MW-4-20230816
 Sample Location: SYRACUSE, NY

Date Collected: 08/16/23 14:00
 Date Received: 08/16/23
 Field Prep: Not Specified

Sample Depth:
 Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	17.1		mg/l	0.0100	0.00327	1	08/18/23 07:39	09/06/23 20:51	EPA 3005A	1,6020B	WKP
Antimony, Total	0.00044	J	mg/l	0.00400	0.00042	1	08/18/23 07:39	09/06/23 20:51	EPA 3005A	1,6020B	WKP
Arsenic, Total	0.01124		mg/l	0.00050	0.00016	1	08/18/23 07:39	09/06/23 20:51	EPA 3005A	1,6020B	WKP
Barium, Total	0.3166		mg/l	0.00050	0.00017	1	08/18/23 07:39	09/06/23 20:51	EPA 3005A	1,6020B	WKP
Beryllium, Total	0.00097		mg/l	0.00050	0.00010	1	08/18/23 07:39	09/06/23 20:51	EPA 3005A	1,6020B	WKP
Cadmium, Total	0.00038		mg/l	0.00020	0.00005	1	08/18/23 07:39	09/06/23 20:51	EPA 3005A	1,6020B	WKP
Calcium, Total	176.		mg/l	0.100	0.0394	1	08/18/23 07:39	09/06/23 20:51	EPA 3005A	1,6020B	WKP
Chromium, Total	0.03002		mg/l	0.00100	0.00017	1	08/18/23 07:39	09/06/23 20:51	EPA 3005A	1,6020B	WKP
Cobalt, Total	0.01509		mg/l	0.00050	0.00016	1	08/18/23 07:39	09/06/23 20:51	EPA 3005A	1,6020B	WKP
Copper, Total	0.03484		mg/l	0.00100	0.00038	1	08/18/23 07:39	09/06/23 20:51	EPA 3005A	1,6020B	WKP
Iron, Total	50.6		mg/l	0.0500	0.0191	1	08/18/23 07:39	09/06/23 20:51	EPA 3005A	1,6020B	WKP
Lead, Total	0.06434		mg/l	0.00100	0.00034	1	08/18/23 07:39	09/06/23 20:51	EPA 3005A	1,6020B	WKP
Magnesium, Total	36.4		mg/l	0.0700	0.0242	1	08/18/23 07:39	09/06/23 20:51	EPA 3005A	1,6020B	WKP
Manganese, Total	0.7492		mg/l	0.00100	0.00044	1	08/18/23 07:39	09/06/23 20:51	EPA 3005A	1,6020B	WKP
Mercury, Total	0.00037		mg/l	0.00020	0.00009	1	08/18/23 08:33	08/19/23 15:17	EPA 7470A	1,7470A	GMG
Nickel, Total	0.05791		mg/l	0.00200	0.00055	1	08/18/23 07:39	09/06/23 20:51	EPA 3005A	1,6020B	WKP
Potassium, Total	20.0		mg/l	0.100	0.0309	1	08/18/23 07:39	09/06/23 20:51	EPA 3005A	1,6020B	WKP
Selenium, Total	0.00423	J	mg/l	0.00500	0.00173	1	08/18/23 07:39	09/06/23 20:51	EPA 3005A	1,6020B	WKP
Silver, Total	0.00031	J	mg/l	0.00040	0.00016	1	08/18/23 07:39	09/06/23 20:51	EPA 3005A	1,6020B	WKP
Sodium, Total	158.		mg/l	0.100	0.0293	1	08/18/23 07:39	09/06/23 20:51	EPA 3005A	1,6020B	WKP
Thallium, Total	0.00019	J	mg/l	0.00100	0.00014	1	08/18/23 07:39	09/06/23 20:51	EPA 3005A	1,6020B	WKP
Vanadium, Total	0.03149		mg/l	0.00500	0.00157	1	08/18/23 07:39	09/06/23 20:51	EPA 3005A	1,6020B	WKP
Zinc, Total	0.1173		mg/l	0.01000	0.00341	1	08/18/23 07:39	09/06/23 20:51	EPA 3005A	1,6020B	WKP



Project Name: FORMER COYNE TEXTILE

Lab Number: L2347588

Project Number: 059294.001

Report Date: 09/07/23

SAMPLE RESULTS

Lab ID: L2347588-06

Date Collected: 08/16/23 15:40

Client ID: MW-105D-20230816

Date Received: 08/16/23

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
Total Metals - Mansfield Lab											
Aluminum, Total	0.383		mg/l	0.0100	0.00327	1	08/18/23 07:39	09/06/23 20:56	EPA 3005A	1,6020B	WKP
Antimony, Total	ND		mg/l	0.00400	0.00042	1	08/18/23 07:39	09/06/23 20:56	EPA 3005A	1,6020B	WKP
Arsenic, Total	0.01819		mg/l	0.00050	0.00016	1	08/18/23 07:39	09/06/23 20:56	EPA 3005A	1,6020B	WKP
Barium, Total	1.364		mg/l	0.00050	0.00017	1	08/18/23 07:39	09/06/23 20:56	EPA 3005A	1,6020B	WKP
Beryllium, Total	ND		mg/l	0.00050	0.00010	1	08/18/23 07:39	09/06/23 20:56	EPA 3005A	1,6020B	WKP
Cadmium, Total	ND		mg/l	0.00020	0.00005	1	08/18/23 07:39	09/06/23 20:56	EPA 3005A	1,6020B	WKP
Calcium, Total	174.		mg/l	0.100	0.0394	1	08/18/23 07:39	09/06/23 20:56	EPA 3005A	1,6020B	WKP
Chromium, Total	0.00082	J	mg/l	0.00100	0.00017	1	08/18/23 07:39	09/06/23 20:56	EPA 3005A	1,6020B	WKP
Cobalt, Total	0.00304		mg/l	0.00050	0.00016	1	08/18/23 07:39	09/06/23 20:56	EPA 3005A	1,6020B	WKP
Copper, Total	0.00167		mg/l	0.00100	0.00038	1	08/18/23 07:39	09/06/23 20:56	EPA 3005A	1,6020B	WKP
Iron, Total	2.14		mg/l	0.0500	0.0191	1	08/18/23 07:39	09/06/23 20:56	EPA 3005A	1,6020B	WKP
Lead, Total	0.00118		mg/l	0.00100	0.00034	1	08/18/23 07:39	09/06/23 20:56	EPA 3005A	1,6020B	WKP
Magnesium, Total	46.4		mg/l	0.0700	0.0242	1	08/18/23 07:39	09/06/23 20:56	EPA 3005A	1,6020B	WKP
Manganese, Total	0.1667		mg/l	0.00100	0.00044	1	08/18/23 07:39	09/06/23 20:56	EPA 3005A	1,6020B	WKP
Mercury, Total	ND		mg/l	0.00020	0.00009	1	08/18/23 08:33	08/19/23 15:21	EPA 7470A	1,7470A	GMG
Nickel, Total	0.00704		mg/l	0.00200	0.00055	1	08/18/23 07:39	09/06/23 20:56	EPA 3005A	1,6020B	WKP
Potassium, Total	12.1		mg/l	0.100	0.0309	1	08/18/23 07:39	09/06/23 20:56	EPA 3005A	1,6020B	WKP
Selenium, Total	ND		mg/l	0.00500	0.00173	1	08/18/23 07:39	09/06/23 20:56	EPA 3005A	1,6020B	WKP
Silver, Total	ND		mg/l	0.00040	0.00016	1	08/18/23 07:39	09/06/23 20:56	EPA 3005A	1,6020B	WKP
Sodium, Total	43.0		mg/l	0.100	0.0293	1	08/18/23 07:39	09/06/23 20:56	EPA 3005A	1,6020B	WKP
Thallium, Total	ND		mg/l	0.00100	0.00014	1	08/18/23 07:39	09/06/23 20:56	EPA 3005A	1,6020B	WKP
Vanadium, Total	0.00166	J	mg/l	0.00500	0.00157	1	08/18/23 07:39	09/06/23 20:56	EPA 3005A	1,6020B	WKP
Zinc, Total	0.00467	J	mg/l	0.01000	0.00341	1	08/18/23 07:39	09/06/23 20:56	EPA 3005A	1,6020B	WKP



Project Name: FORMER COYNE TEXTILE
Project Number: 059294.001

Lab Number: L2347588
Report Date: 09/07/23

Method Blank Analysis Batch Quality Control

Parameter	Result Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01-06 Batch: WG1817302-1									
Aluminum, Total	ND	mg/l	0.0100	0.00327	1	08/18/23 07:39	08/21/23 15:17	1,6020B	WKP
Antimony, Total	ND	mg/l	0.00400	0.00042	1	08/18/23 07:39	08/21/23 15:17	1,6020B	WKP
Arsenic, Total	ND	mg/l	0.00050	0.00016	1	08/18/23 07:39	08/21/23 15:17	1,6020B	WKP
Barium, Total	ND	mg/l	0.00050	0.00017	1	08/18/23 07:39	08/21/23 15:17	1,6020B	WKP
Beryllium, Total	ND	mg/l	0.00050	0.00010	1	08/18/23 07:39	08/21/23 15:17	1,6020B	WKP
Cadmium, Total	ND	mg/l	0.00020	0.00005	1	08/18/23 07:39	08/21/23 15:17	1,6020B	WKP
Calcium, Total	ND	mg/l	0.100	0.0394	1	08/18/23 07:39	08/21/23 15:17	1,6020B	WKP
Chromium, Total	ND	mg/l	0.00100	0.00017	1	08/18/23 07:39	08/21/23 15:17	1,6020B	WKP
Cobalt, Total	ND	mg/l	0.00050	0.00016	1	08/18/23 07:39	08/21/23 15:17	1,6020B	WKP
Copper, Total	ND	mg/l	0.00100	0.00038	1	08/18/23 07:39	08/21/23 15:17	1,6020B	WKP
Iron, Total	ND	mg/l	0.0500	0.0191	1	08/18/23 07:39	08/21/23 15:17	1,6020B	WKP
Lead, Total	ND	mg/l	0.00100	0.00034	1	08/18/23 07:39	08/21/23 15:17	1,6020B	WKP
Magnesium, Total	ND	mg/l	0.0700	0.0242	1	08/18/23 07:39	08/21/23 15:17	1,6020B	WKP
Manganese, Total	ND	mg/l	0.00100	0.00044	1	08/18/23 07:39	08/21/23 15:17	1,6020B	WKP
Nickel, Total	ND	mg/l	0.00200	0.00055	1	08/18/23 07:39	08/21/23 15:17	1,6020B	WKP
Potassium, Total	ND	mg/l	0.100	0.0309	1	08/18/23 07:39	08/21/23 15:17	1,6020B	WKP
Selenium, Total	ND	mg/l	0.00500	0.00173	1	08/18/23 07:39	08/21/23 15:17	1,6020B	WKP
Silver, Total	ND	mg/l	0.00040	0.00016	1	08/18/23 07:39	08/21/23 15:17	1,6020B	WKP
Sodium, Total	ND	mg/l	0.100	0.0293	1	08/18/23 07:39	08/21/23 15:17	1,6020B	WKP
Thallium, Total	ND	mg/l	0.00100	0.00014	1	08/18/23 07:39	08/21/23 15:17	1,6020B	WKP
Vanadium, Total	ND	mg/l	0.00500	0.00157	1	08/18/23 07:39	08/21/23 15:17	1,6020B	WKP
Zinc, Total	ND	mg/l	0.01000	0.00341	1	08/18/23 07:39	08/21/23 15:17	1,6020B	WKP

Prep Information

Digestion Method: EPA 3005A

Parameter	Result Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst	
Total Metals - Mansfield Lab for sample(s): 01-06 Batch: WG1817304-1										
Mercury, Total	0.00013	J	mg/l	0.00020	0.00009	1	08/18/23 08:33	08/19/23 14:41	1,7470A	GMG



Project Name: FORMER COYNE TEXTILE

Lab Number: L2347588

Project Number: 059294.001

Report Date: 09/07/23

Method Blank Analysis Batch Quality Control

Prep Information

Digestion Method: EPA 7470A



Lab Control Sample Analysis

Batch Quality Control

Project Name: FORMER COYNE TEXTILE

Lab Number: L2347588

Project Number: 059294.001

Report Date: 09/07/23

Parameter	LCS		LCSD		%Recovery Limits	RPD	Qual	RPD Limits
	%Recovery	Qual	%Recovery	Qual				
Total Metals - Mansfield Lab Associated sample(s): 01-06 Batch: WG1817302-2								
Aluminum, Total	105		-		80-120	-		
Antimony, Total	88		-		80-120	-		
Arsenic, Total	99		-		80-120	-		
Barium, Total	99		-		80-120	-		
Beryllium, Total	99		-		80-120	-		
Cadmium, Total	100		-		80-120	-		
Calcium, Total	100		-		80-120	-		
Chromium, Total	101		-		80-120	-		
Cobalt, Total	100		-		80-120	-		
Copper, Total	103		-		80-120	-		
Iron, Total	98		-		80-120	-		
Lead, Total	93		-		80-120	-		
Magnesium, Total	102		-		80-120	-		
Manganese, Total	102		-		80-120	-		
Nickel, Total	100		-		80-120	-		
Potassium, Total	100		-		80-120	-		
Selenium, Total	97		-		80-120	-		
Silver, Total	100		-		80-120	-		
Sodium, Total	101		-		80-120	-		
Thallium, Total	98		-		80-120	-		
Vanadium, Total	97		-		80-120	-		

Lab Control Sample Analysis

Batch Quality Control

Project Name: FORMER COYNE TEXTILE

Project Number: 059294.001

Lab Number: L2347588

Report Date: 09/07/23

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-06 Batch: WG1817302-2					
Zinc, Total	98	-	80-120	-	
Total Metals - Mansfield Lab Associated sample(s): 01-06 Batch: WG1817304-2					
Mercury, Total	118	-	80-120	-	

Matrix Spike Analysis Batch Quality Control

Project Name: FORMER COYNE TEXTILE
Project Number: 059294.001

Lab Number: L2347588
Report Date: 09/07/23

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MS Qual	MSD Found	MSD %Recovery	MSD Qual	Recovery Limits	RPD	RPD Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-06 QC Batch ID: WG1817302-3 WG1817302-4 QC Sample: L2347588-01 Client ID: MW-5R-20230816												
Aluminum, Total	1.05	2	3.45	120		3.36	116		75-125	3		20
Antimony, Total	0.00301J	0.5	0.4811	96		0.5115	102		75-125	6		20
Arsenic, Total	0.00907	0.12	0.1281	99		0.1383	108		75-125	8		20
Barium, Total	0.1427	2	2.160	101		2.282	107		75-125	5		20
Beryllium, Total	ND	0.05	0.05126	102		0.05453	109		75-125	6		20
Cadmium, Total	0.00015J	0.053	0.05630	106		0.05912	112		75-125	5		20
Calcium, Total	120.	10	131	110		141	210	Q	75-125	7		20
Chromium, Total	0.00172	0.2	0.2061	102		0.2248	112		75-125	9		20
Cobalt, Total	0.00082	0.5	0.5119	102		0.5382	107		75-125	5		20
Copper, Total	0.00465	0.25	0.2739	108		0.2830	111		75-125	3		20
Iron, Total	7.09	1	8.25	116		8.26	117		75-125	0		20
Lead, Total	0.00435	0.53	0.5383	101		0.5342	100		75-125	1		20
Magnesium, Total	33.0	10	43.6	106		43.0	100		75-125	1		20
Manganese, Total	0.1572	0.5	0.6860	106		0.7088	110		75-125	3		20
Nickel, Total	0.00187J	0.5	0.5149	103		0.5439	109		75-125	5		20
Potassium, Total	12.3	10	22.1	98		22.5	102		75-125	2		20
Selenium, Total	ND	0.12	0.0734	61	Q	0.0873	73	Q	75-125	17		20
Silver, Total	ND	0.05	0.05191	104		0.05493	110		75-125	6		20
Sodium, Total	133.	10	139	60	Q	139	60	Q	75-125	0		20
Thallium, Total	ND	0.12	0.1185	99		0.1165	97		75-125	2		20
Vanadium, Total	0.00290J	0.5	0.5029	100		0.5293	106		75-125	5		20



Matrix Spike Analysis Batch Quality Control

Project Name: FORMER COYNE TEXTILE
Project Number: 059294.001

Lab Number: L2347588
Report Date: 09/07/23

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 20230816 QC Batch ID: WG1817302-3 WG1817302-4 QC Sample: L2347588-01 Client ID: MW-5R-									
Zinc, Total	0.04041	0.5	0.5457	101	0.5742	107	75-125	5	20
Total Metals - Mansfield Lab Associated sample(s): 01-06 20230816 QC Batch ID: WG1817304-3 WG1817304-4 QC Sample: L2347588-01 Client ID: MW-5R-									
Mercury, Total	0.00011J	0.005	0.00537	107	0.00568	114	75-125	6	20

Project Name: FORMER COYNE TEXTILE

Project Number: 059294.001

**Lab Serial Dilution
Analysis
Batch Quality Control**

Lab Number: L2347588

Report Date: 09/07/23

Parameter	Native Sample	Serial Dilution	Units	% D	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-06 QC Batch ID: WG1817302-6 QC Sample: L2347588-01 Client ID: MW-5R-20230816						
Aluminum, Total	1.05	1.03	mg/l	2		20
Barium, Total	0.1427	0.1403	mg/l	2		20
Calcium, Total	120.	116.	mg/l	3		20
Iron, Total	7.09	6.93	mg/l	2		20
Magnesium, Total	33.0	32.2	mg/l	2		20
Manganese, Total	0.1572	0.1521	mg/l	3		20
Potassium, Total	12.3	12.0	mg/l	2		20
Sodium, Total	133.	129.	mg/l	3		20

INORGANICS & MISCELLANEOUS

Project Name: FORMER COYNE TEXTILE
Project Number: 059294.001

Lab Number: L2347588
Report Date: 09/07/23

SAMPLE RESULTS

Lab ID: L2347588-01
Client ID: MW-5R-20230816
Sample Location: SYRACUSE, NY

Date Collected: 08/16/23 09:45
Date Received: 08/16/23
Field Prep: Not Specified

Sample Depth:
Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Alkalinity, Total	327.		mg CaCO3/L	2.00	NA	1	-	08/30/23 11:35	121,2320B	MKT
Nitrogen, Nitrate	ND		mg/l	0.10	0.023	1	-	08/17/23 07:19	44,353.2	KAF
Sulfide	0.47		mg/l	0.10	0.10	1	08/22/23 10:27	08/22/23 11:54	121,4500S2-D	LOF
Total Organic Carbon	4.21		mg/l	0.500	0.097	1	-	08/29/23 13:47	121,5310C	DEW
Anions by Ion Chromatography - Westborough Lab										
Chloride	206.		mg/l	5.00	0.839	10	-	08/18/23 17:32	44,300.0	CVN
Sulfate	166.		mg/l	10.0	4.54	10	-	08/18/23 17:32	44,300.0	CVN



Project Name: FORMER COYNE TEXTILE
Project Number: 059294.001

Lab Number: L2347588
Report Date: 09/07/23

SAMPLE RESULTS

Lab ID: L2347588-02
Client ID: MW-6R-20230816
Sample Location: SYRACUSE, NY

Date Collected: 08/16/23 11:10
Date Received: 08/16/23
Field Prep: Not Specified

Sample Depth:
Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Alkalinity, Total	524.		mg CaCO3/L	2.00	NA	1	-	08/30/23 11:35	121,2320B	MKT
Nitrogen, Nitrate	ND		mg/l	0.10	0.023	1	-	08/17/23 07:23	44,353.2	KAF
Sulfide	ND		mg/l	0.10	0.10	1	08/22/23 10:27	08/22/23 12:01	121,4500S2-D	LOF
Total Organic Carbon	15.2		mg/l	2.00	0.388	4	-	08/29/23 14:15	121,5310C	DEW
Anions by Ion Chromatography - Westborough Lab										
Chloride	407.		mg/l	5.00	0.839	10	-	08/18/23 14:54	44,300.0	CVN
Sulfate	63.4		mg/l	10.0	4.54	10	-	08/18/23 14:54	44,300.0	CVN



Project Name: FORMER COYNE TEXTILE
Project Number: 059294.001

Lab Number: L2347588
Report Date: 09/07/23

SAMPLE RESULTS

Lab ID: L2347588-03
Client ID: MW-7R-20230816
Sample Location: SYRACUSE, NY

Date Collected: 08/16/23 12:20
Date Received: 08/16/23
Field Prep: Not Specified

Sample Depth:
Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Alkalinity, Total	396.		mg CaCO3/L	2.00	NA	1	-	08/30/23 11:35	121,2320B	MKT
Nitrogen, Nitrate	ND		mg/l	0.10	0.023	1	-	08/17/23 07:24	44,353.2	KAF
Sulfide	ND		mg/l	0.10	0.10	1	08/22/23 10:27	08/22/23 12:01	121,4500S2-D	LOF
Total Organic Carbon	4.54		mg/l	0.500	0.097	1	-	08/29/23 14:45	121,5310C	DEW
Anions by Ion Chromatography - Westborough Lab										
Chloride	373.		mg/l	5.00	0.839	10	-	08/18/23 15:07	44,300.0	CVN
Sulfate	63.0		mg/l	10.0	4.54	10	-	08/18/23 15:07	44,300.0	CVN



Project Name: FORMER COYNE TEXTILE
Project Number: 059294.001

Lab Number: L2347588
Report Date: 09/07/23

SAMPLE RESULTS

Lab ID: L2347588-04
Client ID: CHA-1-20230816
Sample Location: SYRACUSE, NY

Date Collected: 08/16/23 12:00
Date Received: 08/16/23
Field Prep: Not Specified

Sample Depth:
Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Alkalinity, Total	388.		mg CaCO3/L	2.00	NA	1	-	08/30/23 11:35	121,2320B	MKT
Nitrogen, Nitrate	ND		mg/l	0.10	0.023	1	-	08/17/23 07:25	44,353.2	KAF
Sulfide	ND		mg/l	0.10	0.10	1	08/22/23 10:27	08/22/23 12:03	121,4500S2-D	LOF
Total Organic Carbon	4.47		mg/l	0.500	0.097	1	-	08/29/23 15:16	121,5310C	DEW
Anions by Ion Chromatography - Westborough Lab										
Chloride	266.		mg/l	5.00	0.839	10	-	08/18/23 15:19	44,300.0	CVN
Sulfate	145.		mg/l	10.0	4.54	10	-	08/18/23 15:19	44,300.0	CVN



Project Name: FORMER COYNE TEXTILE
Project Number: 059294.001

Lab Number: L2347588
Report Date: 09/07/23

SAMPLE RESULTS

Lab ID: L2347588-05
Client ID: MW-4-20230816
Sample Location: SYRACUSE, NY

Date Collected: 08/16/23 14:00
Date Received: 08/16/23
Field Prep: Not Specified

Sample Depth:
Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Alkalinity, Total	776.		mg CaCO3/L	2.00	NA	1	-	08/30/23 11:35	121,2320B	MKT
Nitrogen, Nitrate	0.10		mg/l	0.10	0.023	1	-	08/17/23 07:30	44,353.2	KAF
Sulfide	2.1		mg/l	0.50	0.50	5	08/22/23 10:27	08/22/23 14:21	121,4500S2-D	LOF
Total Organic Carbon	15.9		mg/l	2.00	0.388	4	-	08/29/23 15:41	121,5310C	DEW
Anions by Ion Chromatography - Westborough Lab										
Chloride	132.		mg/l	5.00	0.839	10	-	08/18/23 16:19	44,300.0	CVN
Sulfate	138.		mg/l	10.0	4.54	10	-	08/18/23 16:19	44,300.0	CVN



Project Name: FORMER COYNE TEXTILE
Project Number: 059294.001

Lab Number: L2347588
Report Date: 09/07/23

SAMPLE RESULTS

Lab ID: L2347588-06
Client ID: MW-105D-20230816
Sample Location: SYRACUSE, NY

Date Collected: 08/16/23 15:40
Date Received: 08/16/23
Field Prep: Not Specified

Sample Depth:
Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Alkalinity, Total	577.		mg CaCO3/L	2.00	NA	1	-	08/30/23 11:35	121,2320B	MKT
Nitrogen, Nitrate	ND		mg/l	0.10	0.023	1	-	08/17/23 07:32	44,353.2	KAF
Sulfide	ND		mg/l	0.10	0.10	1	08/22/23 10:27	08/22/23 14:21	121,4500S2-D	LOF
Total Organic Carbon	6.11		mg/l	0.500	0.097	1	-	08/29/23 18:11	121,5310C	DEW
Anions by Ion Chromatography - Westborough Lab										
Chloride	160.		mg/l	5.00	0.839	10	-	08/18/23 16:31	44,300.0	CVN
Sulfate	44.4		mg/l	10.0	4.54	10	-	08/18/23 16:31	44,300.0	CVN



Project Name: FORMER COYNE TEXTILE
Project Number: 059294.001

Lab Number: L2347588
Report Date: 09/07/23

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: WG1816860-1									
Nitrogen, Nitrate	ND	mg/l	0.10	0.023	1	-	08/17/23 04:16	44,353.2	KAF
Anions by Ion Chromatography - Westborough Lab for sample(s): 01-06 Batch: WG1817610-1									
Chloride	ND	mg/l	0.500	0.083	1	-	08/18/23 14:18	44,300.0	CVN
Sulfate	ND	mg/l	1.00	0.454	1	-	08/18/23 14:18	44,300.0	CVN
General Chemistry - Westborough Lab for sample(s): 01-06 Batch: WG1818619-1									
Sulfide	ND	mg/l	0.10	0.10	1	08/22/23 10:27	08/22/23 11:53	121,4500S2-D	LOF
General Chemistry - Westborough Lab for sample(s): 01-06 Batch: WG1821222-1									
Total Organic Carbon	ND	mg/l	0.500	0.097	1	-	08/29/23 07:08	121,5310C	DEW
General Chemistry - Westborough Lab for sample(s): 01-06 Batch: WG1821833-1									
Alkalinity, Total	ND	mg CaCO3/L	2.00	NA	1	-	08/30/23 11:35	121,2320B	MKT

Lab Control Sample Analysis

Batch Quality Control

Project Name: FORMER COYNE TEXTILE

Project Number: 059294.001

Lab Number: L2347588

Report Date: 09/07/23

Parameter	LCS		LCSD		%Recovery Limits	RPD	Qual	RPD Limits
	%Recovery	Qual	%Recovery	Qual				
General Chemistry - Westborough Lab Associated sample(s): 01-06 Batch: WG1816860-2								
Nitrogen, Nitrate	100		-		90-110	-		
Anions by Ion Chromatography - Westborough Lab Associated sample(s): 01-06 Batch: WG1817610-2								
Chloride	101		-		90-110	-		
Sulfate	100		-		90-110	-		
General Chemistry - Westborough Lab Associated sample(s): 01-06 Batch: WG1818619-2								
Sulfide	115		-		75-125	-		
General Chemistry - Westborough Lab Associated sample(s): 01-06 Batch: WG1821222-2								
Total Organic Carbon	97		-		90-110	-		
General Chemistry - Westborough Lab Associated sample(s): 01-06 Batch: WG1821833-2								
Alkalinity, Total	104		-		90-110	-		10

Matrix Spike Analysis Batch Quality Control

Project Name: FORMER COYNE TEXTILE
Project Number: 059294.001

Lab Number: L2347588
Report Date: 09/07/23

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: WG1816860-4 QC Sample: L2347588-01 Client ID: MW-5R-20230816												
Nitrogen, Nitrate	ND	4	3.8	95		-	-		83-113	-		6
Anions by Ion Chromatography - Westborough Lab Associated sample(s): 01-06 QC Batch ID: WG1817610-3 WG1817610-4 QC Sample: L2347588-01 Client ID: MW-5R-20230816												
Chloride	206.	40	247	104		247	104		90-110	0		18
Sulfate	166.	80	247	101		247	101		90-110	0		20
General Chemistry - Westborough Lab Associated sample(s): 01-06 QC Batch ID: WG1818619-4 QC Sample: L2347588-01 Client ID: MW-5R-20230816												
Sulfide	0.47	0.52	0.57	19	Q	-	-		70-130	-		20
General Chemistry - Westborough Lab Associated sample(s): 01-06 QC Batch ID: WG1821222-4 QC Sample: L2348905-05 Client ID: MS Sample												
Total Organic Carbon	5890	6400	12900	109		-	-		85-115	-		15
General Chemistry - Westborough Lab Associated sample(s): 01-06 QC Batch ID: WG1821222-6 QC Sample: L2347588-01 Client ID: MW-5R-20230816												
Total Organic Carbon	4.21	8	13.4	114		-	-		85-115	-		15
General Chemistry - Westborough Lab Associated sample(s): 01-06 QC Batch ID: WG1821833-4 QC Sample: L2347588-01 Client ID: MW-5R-20230816												
Alkalinity, Total	327.	100	440	113		-	-		86-116	-		10



Lab Duplicate Analysis Batch Quality Control

Project Name: FORMER COYNE TEXTILE
Project Number: 059294.001

Lab Number: L2347588
Report Date: 09/07/23

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-06 QC Batch ID: WG1816860-3 QC Sample: L2347588-01 Client ID: MW-5R-20230816						
Nitrogen, Nitrate	ND	ND	mg/l	NC		6
General Chemistry - Westborough Lab Associated sample(s): 01-06 QC Batch ID: WG1818619-3 QC Sample: L2347588-01 Client ID: MW-5R-20230816						
Sulfide	0.47	0.23	mg/l	69	Q	20
General Chemistry - Westborough Lab Associated sample(s): 01-06 QC Batch ID: WG1821222-3 QC Sample: L2348905-05 Client ID: DUP Sample						
Total Organic Carbon	5890	5620	mg/l	5		15
General Chemistry - Westborough Lab Associated sample(s): 01-06 QC Batch ID: WG1821222-5 QC Sample: L2347588-01 Client ID: MW-5R-20230816						
Total Organic Carbon	4.21	4.42	mg/l	5		15
General Chemistry - Westborough Lab Associated sample(s): 01-06 QC Batch ID: WG1821833-3 QC Sample: L2347588-01 Client ID: MW-5R-20230816						
Alkalinity, Total	327.	323	mg CaCO3/L	1		10



Project Name: FORMER COYNE TEXTILE**Lab Number:** L2347588**Project Number:** 059294.001**Report Date:** 09/07/23**Sample Receipt and Container Information**

Were project specific reporting limits specified?

YES

Cooler Information

Cooler	Custody Seal
A	Absent
B	Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2347588-01A	Vial HCl preserved	B	NA		2.3	Y	Absent		NYTCL-8260-R2(14)
L2347588-01A1	Vial HCl preserved	B	NA		2.3	Y	Absent		NYTCL-8260-R2(14)
L2347588-01A2	Vial HCl preserved	B	NA		2.3	Y	Absent		NYTCL-8260-R2(14)
L2347588-01B	Vial HCl preserved	B	NA		2.3	Y	Absent		NYTCL-8260-R2(14)
L2347588-01B1	Vial HCl preserved	B	NA		2.3	Y	Absent		NYTCL-8260-R2(14)
L2347588-01B2	Vial HCl preserved	B	NA		2.3	Y	Absent		NYTCL-8260-R2(14)
L2347588-01C	Vial HCl preserved	B	NA		2.3	Y	Absent		NYTCL-8260-R2(14)
L2347588-01C1	Vial HCl preserved	B	NA		2.3	Y	Absent		NYTCL-8260-R2(14)
L2347588-01C2	Vial HCl preserved	B	NA		2.3	Y	Absent		NYTCL-8260-R2(14)
L2347588-01D	Vial H2SO4 preserved	B	NA		2.3	Y	Absent		TOC-5310(28)
L2347588-01D1	Vial H2SO4 preserved	B	NA		2.3	Y	Absent		TOC-5310(28)
L2347588-01D2	Vial H2SO4 preserved	B	NA		2.3	Y	Absent		TOC-5310(28)
L2347588-01E	Vial H2SO4 preserved	B	NA		2.3	Y	Absent		TOC-5310(28)
L2347588-01E1	Vial H2SO4 preserved	B	NA		2.3	Y	Absent		TOC-5310(28)
L2347588-01E2	Vial H2SO4 preserved	B	NA		2.3	Y	Absent		ARCHIVE()
L2347588-01F	Vial unpreserved 20ml	B	NA		2.3	Y	Absent		ARCHIVE()
L2347588-01F1	Vial unpreserved 20ml	B	NA		2.3	Y	Absent		ARCHIVE()
L2347588-01F2	Vial unpreserved 20ml	B	NA		2.3	Y	Absent		ARCHIVE()
L2347588-01G	Vial unpreserved 20ml	B	NA		2.3	Y	Absent		ARCHIVE()
L2347588-01G1	Vial unpreserved 20ml	B	NA		2.3	Y	Absent		ARCHIVE()
L2347588-01G2	Vial unpreserved 20ml	B	NA		2.3	Y	Absent		ARCHIVE()
L2347588-01H	20ml Vial HCl preserved	B	NA		2.3	Y	Absent		DISSGAS(14)

Project Name: FORMER COYNE TEXTILE
Project Number: 059294.001

Serial_No:09072313:40
Lab Number: L2347588
Report Date: 09/07/23

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2347588-01H1	20ml Vial HCl preserved	B	NA		2.3	Y	Absent		DISSGAS(14)
L2347588-01H2	20ml Vial HCl preserved	B	NA		2.3	Y	Absent		DISSGAS(14)
L2347588-01I	20ml Vial HCl preserved	B	NA		2.3	Y	Absent		DISSGAS(14)
L2347588-01I1	20ml Vial HCl preserved	B	NA		2.3	Y	Absent		DISSGAS(14)
L2347588-01I2	20ml Vial HCl preserved	B	NA		2.3	Y	Absent		DISSGAS(14)
L2347588-01J	Plastic 250ml unpreserved/No Headspace	B	NA		2.3	Y	Absent		ALK-T-2320(14)
L2347588-01J1	Plastic 250ml unpreserved/No Headspace	B	NA		2.3	Y	Absent		ALK-T-2320(14)
L2347588-01J2	Plastic 250ml unpreserved/No Headspace	B	NA		2.3	Y	Absent		ALK-T-2320(14)
L2347588-01K	Plastic 250ml unpreserved	B	7	7	2.3	Y	Absent		SO4-300(28),CL-300(28),NO3-353(2)
L2347588-01K1	Plastic 250ml unpreserved	B	7	7	2.3	Y	Absent		SO4-300(28),CL-300(28),NO3-353(2)
L2347588-01K2	Plastic 250ml unpreserved	B	7	7	2.3	Y	Absent		SO4-300(28),CL-300(28),NO3-353(2)
L2347588-01L	Plastic 250ml Zn Acetate/NaOH preserved	B	>9	>9	2.3	Y	Absent		SULFIDE-4500(7)
L2347588-01L1	Plastic 250ml Zn Acetate/NaOH preserved	B	>9	>9	2.3	Y	Absent		SULFIDE-4500(7),TOC-5310(28)
L2347588-01L2	Plastic 250ml Zn Acetate/NaOH preserved	B	>9	>9	2.3	Y	Absent		SULFIDE-4500(7),TOC-5310(28)
L2347588-01M	Plastic 250ml Zn Acetate/NaOH preserved	B	>9	>9	2.3	Y	Absent		SULFIDE-4500(7)
L2347588-01M1	Plastic 250ml Zn Acetate/NaOH preserved	B	>9	>9	2.3	Y	Absent		SULFIDE-4500(7),TOC-5310(28)
L2347588-01M2	Plastic 250ml Zn Acetate/NaOH preserved	B	>9	>9	2.3	Y	Absent		SULFIDE-4500(7),TOC-5310(28)
L2347588-01N	Plastic 250ml HNO3 preserved	B	<2	<2	2.3	Y	Absent		BA-6020T(180),SE-6020T(180),TL-6020T(180),FE-6020T(180),NI-6020T(180),CA-6020T(180),K-6020T(180),CR-6020T(180),ZN-6020T(180),NA-6020T(180),CU-6020T(180),PB-6020T(180),MN-6020T(180),BE-6020T(180),SB-6020T(180),V-6020T(180),AS-6020T(180),AL-6020T(180),MG-6020T(180),AG-6020T(180),CD-6020T(180),HG-T(28),CO-6020T(180)
L2347588-01N1	Plastic 250ml HNO3 preserved	B	<2	<2	2.3	Y	Absent		BA-6020T(180),SE-6020T(180),TL-6020T(180),FE-6020T(180),NI-6020T(180),CA-6020T(180),K-6020T(180),CR-6020T(180),ZN-6020T(180),NA-6020T(180),CU-6020T(180),PB-6020T(180),MN-6020T(180),BE-6020T(180),SB-6020T(180),V-6020T(180),AS-6020T(180),AL-6020T(180),MG-6020T(180),AG-6020T(180),CD-6020T(180),HG-T(28),CO-6020T(180)

Project Name: FORMER COYNE TEXTILE

Lab Number: L2347588

Project Number: 059294.001

Report Date: 09/07/23

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2347588-01N2	Plastic 250ml HNO3 preserved	B	<2	<2	2.3	Y	Absent		BA-6020T(180),SE-6020T(180),TL-6020T(180),FE-6020T(180),NI-6020T(180),CA-6020T(180),K-6020T(180),CR-6020T(180),ZN-6020T(180),NA-6020T(180),CU-6020T(180),PB-6020T(180),MN-6020T(180),BE-6020T(180),SB-6020T(180),V-6020T(180),AS-6020T(180),AL-6020T(180),MG-6020T(180),AG-6020T(180),CD-6020T(180),HG-T(28),CO-6020T(180)
L2347588-02A	Vial HCl preserved	B	NA		2.3	Y	Absent		NYTCL-8260-R2(14)
L2347588-02B	Vial HCl preserved	B	NA		2.3	Y	Absent		NYTCL-8260-R2(14)
L2347588-02C	Vial HCl preserved	B	NA		2.3	Y	Absent		NYTCL-8260-R2(14)
L2347588-02D	Vial H2SO4 preserved	B	NA		2.3	Y	Absent		TOC-5310(28)
L2347588-02E	Vial H2SO4 preserved	B	NA		2.3	Y	Absent		TOC-5310(28)
L2347588-02F	Vial unpreserved 20ml	B	NA		2.3	Y	Absent		ARCHIVE()
L2347588-02G	Vial unpreserved 20ml	B	NA		2.3	Y	Absent		ARCHIVE()
L2347588-02H	20ml Vial HCl preserved	B	NA		2.3	Y	Absent		DISSGAS(14)
L2347588-02I	20ml Vial HCl preserved	B	NA		2.3	Y	Absent		DISSGAS(14)
L2347588-02J	Plastic 250ml unpreserved/No Headspace	B	NA		2.3	Y	Absent		ALK-T-2320(14)
L2347588-02K	Plastic 250ml unpreserved	B	7	7	2.3	Y	Absent		SO4-300(28),CL-300(28),NO3-353(2)
L2347588-02L	Plastic 250ml Zn Acetate/NaOH preserved	B	>9	>9	2.3	Y	Absent		SULFIDE-4500(7)
L2347588-02M	Plastic 250ml Zn Acetate/NaOH preserved	B	>9	>9	2.3	Y	Absent		SULFIDE-4500(7)
L2347588-02N	Plastic 250ml HNO3 preserved	B	<2	<2	2.3	Y	Absent		SE-6020T(180),TL-6020T(180),BA-6020T(180),FE-6020T(180),CA-6020T(180),K-6020T(180),NI-6020T(180),CR-6020T(180),CU-6020T(180),ZN-6020T(180),NA-6020T(180),PB-6020T(180),MN-6020T(180),BE-6020T(180),AS-6020T(180),SB-6020T(180),V-6020T(180),MG-6020T(180),AG-6020T(180),CD-6020T(180),AL-6020T(180),HG-T(28),CO-6020T(180)
L2347588-03A	Vial HCl preserved	A	NA		3.8	Y	Absent		NYTCL-8260-R2(14)
L2347588-03B	Vial HCl preserved	A	NA		3.8	Y	Absent		NYTCL-8260-R2(14)
L2347588-03C	Vial HCl preserved	A	NA		3.8	Y	Absent		NYTCL-8260-R2(14)
L2347588-03D	Vial H2SO4 preserved	A	NA		3.8	Y	Absent		TOC-5310(28)
L2347588-03E	Vial H2SO4 preserved	A	NA		3.8	Y	Absent		TOC-5310(28)

Project Name: FORMER COYNE TEXTILE
Project Number: 059294.001

Serial_No:09072313:40
Lab Number: L2347588
Report Date: 09/07/23

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2347588-03F	Vial unpreserved 20ml	A	NA		3.8	Y	Absent		ARCHIVE()
L2347588-03G	Vial unpreserved 20ml	A	NA		3.8	Y	Absent		ARCHIVE()
L2347588-03H	20ml Vial HCl preserved	A	NA		3.8	Y	Absent		DISSGAS(14)
L2347588-03I	20ml Vial HCl preserved	A	NA		3.8	Y	Absent		DISSGAS(14)
L2347588-03J	Plastic 250ml unpreserved/No Headspace	A	NA		3.8	Y	Absent		ALK-T-2320(14)
L2347588-03K	Plastic 250ml unpreserved	A	7	7	3.8	Y	Absent		SO4-300(28),CL-300(28),NO3-353(2)
L2347588-03L	Plastic 250ml Zn Acetate/NaOH preserved	A	>9	>9	3.8	Y	Absent		SULFIDE-4500(7)
L2347588-03M	Plastic 250ml Zn Acetate/NaOH preserved	A	>9	>9	3.8	Y	Absent		SULFIDE-4500(7)
L2347588-03N	Plastic 250ml HNO3 preserved	A	<2	<2	3.8	Y	Absent		FE-6020T(180),TL-6020T(180),BA-6020T(180),SE-6020T(180),CA-6020T(180),CR-6020T(180),NI-6020T(180),K-6020T(180),CU-6020T(180),NA-6020T(180),ZN-6020T(180),PB-6020T(180),BE-6020T(180),MN-6020T(180),SB-6020T(180),AS-6020T(180),V-6020T(180),CD-6020T(180),MG-6020T(180),AL-6020T(180),HG-T(28),AG-6020T(180),CO-6020T(180)
L2347588-04A	Vial HCl preserved	A	NA		3.8	Y	Absent		NYTCL-8260-R2(14)
L2347588-04B	Vial HCl preserved	A	NA		3.8	Y	Absent		NYTCL-8260-R2(14)
L2347588-04C	Vial HCl preserved	A	NA		3.8	Y	Absent		NYTCL-8260-R2(14)
L2347588-04D	Vial H2SO4 preserved	A	NA		3.8	Y	Absent		TOC-5310(28)
L2347588-04E	Vial H2SO4 preserved	A	NA		3.8	Y	Absent		TOC-5310(28)
L2347588-04F	Vial unpreserved 20ml	A	NA		3.8	Y	Absent		ARCHIVE()
L2347588-04G	Vial unpreserved 20ml	A	NA		3.8	Y	Absent		ARCHIVE()
L2347588-04H	20ml Vial HCl preserved	A	NA		3.8	Y	Absent		DISSGAS(14)
L2347588-04I	20ml Vial HCl preserved	A	NA		3.8	Y	Absent		DISSGAS(14)
L2347588-04J	Plastic 250ml unpreserved/No Headspace	A	NA		3.8	Y	Absent		ALK-T-2320(14)
L2347588-04K	Plastic 250ml unpreserved	A	7	7	3.8	Y	Absent		SO4-300(28),CL-300(28),NO3-353(2)
L2347588-04L	Plastic 250ml Zn Acetate/NaOH preserved	A	>9	>9	3.8	Y	Absent		SULFIDE-4500(7)
L2347588-04M	Plastic 250ml Zn Acetate/NaOH preserved	A	>9	>9	3.8	Y	Absent		SULFIDE-4500(7)

Project Name: FORMER COYNE TEXTILE**Lab Number:** L2347588**Project Number:** 059294.001**Report Date:** 09/07/23**Container Information**

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2347588-04N	Plastic 250ml HNO3 preserved	A	<2	<2	3.8	Y	Absent		BA-6020T(180),FE-6020T(180),SE-6020T(180),TL-6020T(180),CA-6020T(180),K-6020T(180),CR-6020T(180),NI-6020T(180),CU-6020T(180),ZN-6020T(180),NA-6020T(180),PB-6020T(180),BE-6020T(180),MN-6020T(180),V-6020T(180),AS-6020T(180),SB-6020T(180),CD-6020T(180),HG-T(28),AG-6020T(180),MG-6020T(180),AL-6020T(180),CO-6020T(180)
L2347588-05A	Vial HCl preserved	A	NA		3.8	Y	Absent		NYTCL-8260-R2(14)
L2347588-05B	Vial HCl preserved	A	NA		3.8	Y	Absent		NYTCL-8260-R2(14)
L2347588-05C	Vial HCl preserved	A	NA		3.8	Y	Absent		NYTCL-8260-R2(14)
L2347588-05D	Vial H2SO4 preserved	A	NA		3.8	Y	Absent		TOC-5310(28)
L2347588-05E	Vial H2SO4 preserved	A	NA		3.8	Y	Absent		TOC-5310(28)
L2347588-05F	Vial unpreserved 20ml	A	NA		3.8	Y	Absent		ARCHIVE()
L2347588-05G	Vial unpreserved 20ml	A	NA		3.8	Y	Absent		ARCHIVE()
L2347588-05H	20ml Vial HCl preserved	A	NA		3.8	Y	Absent		DISSGAS(14)
L2347588-05I	20ml Vial HCl preserved	A	NA		3.8	Y	Absent		DISSGAS(14)
L2347588-05J	Plastic 250ml unpreserved/No Headspace	A	NA		3.8	Y	Absent		ALK-T-2320(14)
L2347588-05K	Plastic 250ml unpreserved	A	7	7	3.8	Y	Absent		SO4-300(28),CL-300(28),NO3-353(2)
L2347588-05L	Plastic 250ml Zn Acetate/NaOH preserved	A	>9	>9	3.8	Y	Absent		SULFIDE-4500(7)
L2347588-05M	Plastic 250ml Zn Acetate/NaOH preserved	A	>9	>9	3.8	Y	Absent		SULFIDE-4500(7)
L2347588-05N	Plastic 250ml HNO3 preserved	A	<2	<2	3.8	Y	Absent		FE-6020T(180),SE-6020T(180),TL-6020T(180),BA-6020T(180),CR-6020T(180),NI-6020T(180),K-6020T(180),CA-6020T(180),CU-6020T(180),NA-6020T(180),ZN-6020T(180),PB-6020T(180),MN-6020T(180),BE-6020T(180),AS-6020T(180),V-6020T(180),SB-6020T(180),MG-6020T(180),CD-6020T(180),AL-6020T(180),HG-T(28),AG-6020T(180),CO-6020T(180)
L2347588-06A	Vial HCl preserved	A	NA		3.8	Y	Absent		NYTCL-8260-R2(14)
L2347588-06B	Vial HCl preserved	A	NA		3.8	Y	Absent		NYTCL-8260-R2(14)
L2347588-06C	Vial HCl preserved	A	NA		3.8	Y	Absent		NYTCL-8260-R2(14)
L2347588-06D	Vial H2SO4 preserved	A	NA		3.8	Y	Absent		TOC-5310(28)
L2347588-06E	Vial H2SO4 preserved	A	NA		3.8	Y	Absent		TOC-5310(28)
L2347588-06F	Vial unpreserved 20ml	A	NA		3.8	Y	Absent		ARCHIVE()

Project Name: FORMER COYNE TEXTILE**Lab Number:** L2347588**Project Number:** 059294.001**Report Date:** 09/07/23**Container Information**

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2347588-06G	Vial unpreserved 20ml	A	NA		3.8	Y	Absent		ARCHIVE()
L2347588-06H	20ml Vial HCl preserved	A	NA		3.8	Y	Absent		DISSGAS(14)
L2347588-06I	20ml Vial HCl preserved	A	NA		3.8	Y	Absent		DISSGAS(14)
L2347588-06J	Plastic 250ml unpreserved/No Headspace	A	NA		3.8	Y	Absent		ALK-T-2320(14)
L2347588-06K	Plastic 250ml unpreserved	A	7	7	3.8	Y	Absent		SO4-300(28),CL-300(28),NO3-353(2)
L2347588-06L	Plastic 250ml Zn Acetate/NaOH preserved	A	>9	>9	3.8	Y	Absent		SULFIDE-4500(7)
L2347588-06M	Plastic 250ml Zn Acetate/NaOH preserved	A	>9	>9	3.8	Y	Absent		SULFIDE-4500(7)
L2347588-06N	Plastic 250ml HNO3 preserved	A	<2	<2	3.8	Y	Absent		BA-6020T(180),FE-6020T(180),SE-6020T(180),TL-6020T(180),NI-6020T(180),K-6020T(180),CA-6020T(180),CR-6020T(180),ZN-6020T(180),NA-6020T(180),CU-6020T(180),PB-6020T(180),BE-6020T(180),MN-6020T(180),AS-6020T(180),V-6020T(180),SB-6020T(180),HG-T(28),AG-6020T(180),AL-6020T(180),MG-6020T(180),CD-6020T(180),CO-6020T(180)
L2347588-07A	Vial HCl preserved	B	NA		2.3	Y	Absent		NYTCL-8260-R2(14)
L2347588-07B	Vial HCl preserved	B	NA		2.3	Y	Absent		NYTCL-8260-R2(14)

Container Comments

L2347588-01E2 container received empty

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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 COYNE TEXTILE

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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.
- 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, Azobenzene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.

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

SM4500: NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO₂, NO₃.

Mansfield Facility

SM 2540D: TSS.

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

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

Biological Tissue Matrix: EPA 3050B

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

Westborough Facility:

Drinking Water

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

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

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

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

Non-Potable Water

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

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

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

EPA 624.1: Volatile Halocarbons & Aromatics,

EPA 608.3: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs

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

Microbiology: SM9223B-Colilert-QT; Enterolert-QT, SM9221E, EPA 1600, EPA 1603, SM9222D.

Mansfield Facility:

Drinking Water

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

EPA 522, EPA 537.1.

Non-Potable Water


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

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

EPA 245.1 Hg.

SM2340B

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

 NEW YORK CHAIN OF CUSTODY	Service Centers Mahwah, NJ 07430: 35 Whitney Rd, Suite 5 Albany, NY 12205: 14 Walker Way Tonawanda, NY 14150: 275 Cooper Ave, Suite 105	Page	Date Rec'd in Lab	ALPHA Job #		
		1 of 1	8/17/23	L2347588		
Westborough, MA 01581 8 Walkup Dr. TEL: 508-898-9220 FAX: 508-898-9183	Mansfield, MA 02048 329 Forbes Blvd TEL: 508-822-9300 FAX: 508-822-3288	Project Information		Deliverables	Billing Information	
Client Information		Project Name: <u>Former Layrite Textile</u>		<input type="checkbox"/> ASP-A <input type="checkbox"/> EQulS (1 File) <input type="checkbox"/> Other	<input checked="" type="checkbox"/> Same as Client Info PO # <u>05929403 C/0 16-18</u>	
Client: <u>CHA Consulting</u>		Project Location: <u>Syracuse NY</u>		<input checked="" type="checkbox"/> NY TOGS <input type="checkbox"/> AWQ Standards <input type="checkbox"/> NY Restricted Use <input type="checkbox"/> NY Unrestricted Use <input type="checkbox"/> NYC Sewer Discharge	Disposal Site Information	
Address: <u>300 S. State Street Suite 400</u>		Project # <u>059294.001</u>		<input checked="" type="checkbox"/> NY Part 375 KE <input type="checkbox"/> NY CP-51 <input type="checkbox"/> Other	Please identify below location of applicable disposal facilities.	
Syracuse NY 13202		Project Manager: <u>Sam Miller</u>		Disposal Facility:		
Phone: <u>315-257-7250</u>		ALPHAQuote #:		<input type="checkbox"/> NJ <input type="checkbox"/> NY <input type="checkbox"/> Other:		
Fax:		Turn-Around Time		<input type="checkbox"/> Standard <input checked="" type="checkbox"/> Rush (only if pre approved)		
Email: <u>kehmann@chacompanies.com</u>		Due Date:		<input type="checkbox"/> Other:		
# of Days:		These samples have been previously analyzed by Alpha <input type="checkbox"/>		ANALYSIS		
Other project specific requirements/comments:		cc. Sam Miller 2 coders		Sample Filtration <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>TAL</u>				VOC 8260 SO4 CI NO3 Total Metals Sulfide 4500 Alk-T - 2320 Diss Gas CO2 Diss Gas TOC		
ALPHA Lab ID (Lab Use Only)	Sample ID	Collection		Sample Matrix	Sampler's Initials	Sample Specific Comments
		Date	Time			
47588-01	MW-5R-20230816	8-16-23	0945	GW	KE/AH	
01	MS-20230816		0945			
01	MSD-20230816		0945			
02	MW-6R-20230816		1110			
03	MW-7R-20230816		1220			
04	CHA-1-20230816		1200			
05	MW-4-20230816		1400			
06	MW-10SD-20230816	✓	1540	✓		
07	Trip Blank-20230816	-	-	Lab Water	✓	
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		Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS. (See reverse side.)
Relinquished By: <u>Andrew Hodges</u>		Date/Time: <u>8-16-23 16:42</u>		Received By: <u>Secured Storage</u>		
Relinquished By: <u>Secured Storage</u>		Date/Time: <u>8/16/23 1900</u>		Received By: <u>netgen</u>		Date/Time: <u>8/16/23 1900</u>
Relinquished By: <u>Secured Storage</u>		Date/Time: <u>8/17/23 0930</u>		Received By: <u>netgen</u>		Date/Time: <u>8/17/23 0930</u>



ANALYTICAL REPORT

Lab Number:	L2363190
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
Project Number:	059294.001
Report Date:	12/05/23

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508-898-9220 (Fax) 508-898-9193 800-624-9220 - www.alphalab.com



Project Name: FORMER COYNE TEXTILE
Project Number: 059294.001

Lab Number: L2363190
Report Date: 12/05/23

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2363190-01	MW-7R-20231024	WATER	SYRACUSE, NY	10/24/23 09:45	10/24/23
L2363190-02	MW-6R-20231024	WATER	SYRACUSE, NY	10/24/23 11:20	10/24/23
L2363190-03	MW-5R-20231024	WATER	SYRACUSE, NY	10/24/23 12:20	10/24/23
L2363190-04	MW-4-20231024	WATER	SYRACUSE, NY	10/24/23 14:30	10/24/23
L2363190-05	MW-105D-20231024	WATER	SYRACUSE, NY	10/24/23 15:45	10/24/23
L2363190-06	CHA-1-20231024	WATER	SYRACUSE, NY	10/24/23 09:00	10/24/23
L2363190-07	TRIP BLANK	WATER	SYRACUSE, NY	10/24/23 00:00	10/24/23

Project Name: FORMER COYNE TEXTILE
Project Number: 059294.001

Lab Number: L2363190
Report Date: 12/05/23

Case Narrative

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

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

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

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

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

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

Project Name: FORMER COYNE TEXTILE
Project Number: 059294.001

Lab Number: L2363190
Report Date: 12/05/23

Case Narrative (continued)

Report Submission

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

Volatile Organics

L2363190-04: The pH was greater than two; however, the sample was analyzed within the method required holding time.

The WG1846880-7 MSD recovery, performed on L2363190-03, is outside the acceptance criteria for vinyl chloride (0%). The unacceptable percent recovery is attributed to the elevated concentration of target compound present in the native sample.

Dissolved Gases

L2363190-02 and -04: The pH was greater than two; however, the sample was analyzed within the method required holding time.

The WG1846268-4/-5 MS/MSD recoveries, performed on L2363190-03, are outside the acceptance criteria for methane (147%/201%), The unacceptable percent recoveries are attributed to the elevated concentrations of target compounds present in the native sample.

The WG1846268-4/-5 MS/MSD recoveries, performed on L2363190-03, are outside the acceptance criteria for ethene (227%/230%) and ethane (227%/227%); however, the associated LCS recoveries are within overall method allowances. No further action was required.

Carbon Dioxide

The WG1844478-4 MS recovery, performed on L2363190-03, is outside the acceptance criteria for carbon dioxide (12%); however, the associated LCS recovery is within overall method allowances. No further action was required.

Anions by Ion Chromatography

Project Name: FORMER COYNE TEXTILE
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Lab Number: L2363190
Report Date: 12/05/23

Case Narrative (continued)

The WG1844850-3/-4 MS/MSD recoveries, performed on L2363190-03, are outside the acceptance criteria for chloride (76%/75%) and sulfate (89%/89%); however, the associated LCS recoveries are within criteria. No further action was taken.

Sulfide

The WG1846112-4 MS recovery, performed on L2363190-03, is outside the acceptance criteria for sulfide (56%); however, the associated LCS recovery is within criteria. No further action was taken.


The WG1846112-3 Laboratory Duplicate RPD for sulfide (46%), performed on L2363190-02, is above the acceptance criteria; however, the sample and duplicate results are less than five times the reporting limit. Therefore, the RPD is valid.

Total Alkalinity

The WG1846412-4 MS recovery, performed on L2363190-03, is outside the acceptance criteria for alkalinity, total (21%); 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: 12/05/23

ORGANICS

VOLATILES

Project Name: FORMER COYNE TEXTILE
Project Number: 059294.001

Lab Number: L2363190
Report Date: 12/05/23

SAMPLE RESULTS

Lab ID: L2363190-01
 Client ID: MW-7R-20231024
 Sample Location: SYRACUSE, NY

Date Collected: 10/24/23 09:45
 Date Received: 10/24/23
 Field Prep: Not Specified

Sample Depth:
 Matrix: Water
 Analytical Method: 117,-
 Analytical Date: 10/26/23 09:01
 Analyst: SRO

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Dissolved Gases by GC - Mansfield Lab						
Carbon Dioxide	74.7		mg/l	3.00	3.00	1

Project Name: FORMER COYNE TEXTILE
Project Number: 059294.001

Lab Number: L2363190
Report Date: 12/05/23

SAMPLE RESULTS

Lab ID: L2363190-01
 Client ID: MW-7R-20231024
 Sample Location: SYRACUSE, NY

Date Collected: 10/24/23 09:45
 Date Received: 10/24/23
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 117,-
 Analytical Date: 11/01/23 00:22
 Analyst: SRO

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Dissolved Gases by GC - Mansfield Lab							
Methane	4460		ug/l	2.00	2.00	1	A
Ethene	50.7		ug/l	0.500	0.500	1	A
Ethane	17.6		ug/l	0.500	0.500	1	A

Project Name: FORMER COYNE TEXTILE
Project Number: 059294.001

Lab Number: L2363190
Report Date: 12/05/23

SAMPLE RESULTS

Lab ID: L2363190-01 D
 Client ID: MW-7R-20231024
 Sample Location: SYRACUSE, NY

Date Collected: 10/24/23 09:45
 Date Received: 10/24/23
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 1,8260D
 Analytical Date: 10/31/23 15:36
 Analyst: PID

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	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	510		ug/l	10	0.71	10
Chloroethane	ND		ug/l	25	7.0	10
1,1-Dichloroethene	5.5		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 COYNE TEXTILE
Project Number: 059294.001

Lab Number: L2363190
Report Date: 12/05/23

SAMPLE RESULTS

Lab ID: L2363190-01 D
 Client ID: MW-7R-20231024
 Sample Location: SYRACUSE, NY

Date Collected: 10/24/23 09:45
 Date Received: 10/24/23
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/l	25	7.0	10
1,4-Dichlorobenzene	ND		ug/l	25	7.0	10
Methyl tert butyl ether	ND		ug/l	25	7.0	10
p/m-Xylene	ND		ug/l	25	7.0	10
o-Xylene	ND		ug/l	25	7.0	10
cis-1,2-Dichloroethene	1400		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	99		70-130
4-Bromofluorobenzene	102		70-130
Dibromofluoromethane	102		70-130

Project Name: FORMER COYNE TEXTILE
Project Number: 059294.001

Lab Number: L2363190
Report Date: 12/05/23

SAMPLE RESULTS

Lab ID: L2363190-02
 Client ID: MW-6R-20231024
 Sample Location: SYRACUSE, NY

Date Collected: 10/24/23 11:20
 Date Received: 10/24/23
 Field Prep: Not Specified

Sample Depth:
 Matrix: Water
 Analytical Method: 117,-
 Analytical Date: 10/26/23 09:19
 Analyst: SRO

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Dissolved Gases by GC - Mansfield Lab						
Carbon Dioxide	69.2		mg/l	3.00	3.00	1

Project Name: FORMER COYNE TEXTILE
Project Number: 059294.001

Lab Number: L2363190
Report Date: 12/05/23

SAMPLE RESULTS

Lab ID: L2363190-02
 Client ID: MW-6R-20231024
 Sample Location: SYRACUSE, NY

Date Collected: 10/24/23 11:20
 Date Received: 10/24/23
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 117,-
 Analytical Date: 11/01/23 00:39
 Analyst: SRO

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Dissolved Gases by GC - Mansfield Lab							
Methane	7860		ug/l	2.00	2.00	1	A
Ethene	343		ug/l	0.500	0.500	1	A
Ethane	303		ug/l	0.500	0.500	1	A

Project Name: FORMER COYNE TEXTILE
Project Number: 059294.001

Lab Number: L2363190
Report Date: 12/05/23

SAMPLE RESULTS

Lab ID: L2363190-02 D2
 Client ID: MW-6R-20231024
 Sample Location: SYRACUSE, NY

Date Collected: 10/24/23 11:20
 Date Received: 10/24/23
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 1,8260D
 Analytical Date: 11/02/23 09:15
 Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Vinyl chloride	1400		ug/l	25	1.8	25

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	104		70-130
Toluene-d8	98		70-130
4-Bromofluorobenzene	103		70-130
Dibromofluoromethane	101		70-130

Project Name: FORMER COYNE TEXTILE
Project Number: 059294.001

Lab Number: L2363190
Report Date: 12/05/23

SAMPLE RESULTS

Lab ID: L2363190-02 D
 Client ID: MW-6R-20231024
 Sample Location: SYRACUSE, NY

Date Collected: 10/24/23 11:20
 Date Received: 10/24/23
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 1,8260D
 Analytical Date: 10/31/23 16:00
 Analyst: PID

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	21		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	1.0	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	1500	E	ug/l	5.0	0.36	5
Chloroethane	ND		ug/l	12	3.5	5
1,1-Dichloroethene	0.96	J	ug/l	2.5	0.84	5
trans-1,2-Dichloroethene	ND		ug/l	12	3.5	5
Trichloroethene	26		ug/l	2.5	0.88	5
1,2-Dichlorobenzene	ND		ug/l	12	3.5	5

Project Name: FORMER COYNE TEXTILE
Project Number: 059294.001

Lab Number: L2363190
Report Date: 12/05/23

SAMPLE RESULTS

Lab ID: L2363190-02 D
 Client ID: MW-6R-20231024
 Sample Location: SYRACUSE, NY

Date Collected: 10/24/23 11:20
 Date Received: 10/24/23
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/l	12	3.5	5
1,4-Dichlorobenzene	ND		ug/l	12	3.5	5
Methyl tert butyl ether	ND		ug/l	12	3.5	5
p/m-Xylene	ND		ug/l	12	3.5	5
o-Xylene	ND		ug/l	12	3.5	5
cis-1,2-Dichloroethene	380		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	102		70-130
Toluene-d8	99		70-130
4-Bromofluorobenzene	100		70-130
Dibromofluoromethane	103		70-130

Project Name: FORMER COYNE TEXTILE
Project Number: 059294.001

Lab Number: L2363190
Report Date: 12/05/23

SAMPLE RESULTS

Lab ID: L2363190-03
 Client ID: MW-5R-20231024
 Sample Location: SYRACUSE, NY

Date Collected: 10/24/23 12:20
 Date Received: 10/24/23
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 1,8260D
 Analytical Date: 10/31/23 16:24
 Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	11		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	0.64		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	250	E	ug/l	1.0	0.07	1
Chloroethane	1.8	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	4.3		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1

Project Name: FORMER COYNE TEXTILE
Project Number: 059294.001

Lab Number: L2363190
Report Date: 12/05/23

SAMPLE RESULTS

Lab ID: L2363190-03
Client ID: MW-5R-20231024
Sample Location: SYRACUSE, NY

Date Collected: 10/24/23 12:20
Date Received: 10/24/23
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.70	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	14		ug/l	2.5	0.70	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl Acetate	ND		ug/l	2.0	0.23	1
Cyclohexane	ND		ug/l	10	0.27	1
1,4-Dioxane	ND		ug/l	250	61.	1
Freon-113	ND		ug/l	2.5	0.70	1
Methyl cyclohexane	ND		ug/l	10	0.40	1

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

Project Name: FORMER COYNE TEXTILE**Lab Number:** L2363190**Project Number:** 059294.001**Report Date:** 12/05/23**SAMPLE RESULTS**

Lab ID: L2363190-03
 Client ID: MW-5R-20231024
 Sample Location: SYRACUSE, NY

Date Collected: 10/24/23 12:20
 Date Received: 10/24/23
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 117,-
 Analytical Date: 10/26/23 07:57
 Analyst: SRO

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Dissolved Gases by GC - Mansfield Lab						
Carbon Dioxide	37.7		mg/l	3.00	3.00	1

Project Name: FORMER COYNE TEXTILE
Project Number: 059294.001

Lab Number: L2363190
Report Date: 12/05/23

SAMPLE RESULTS

Lab ID: L2363190-03
 Client ID: MW-5R-20231024
 Sample Location: SYRACUSE, NY

Date Collected: 10/24/23 12:20
 Date Received: 10/24/23
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 117,-
 Analytical Date: 10/31/23 08:42
 Analyst: SRO

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Dissolved Gases by GC - Mansfield Lab							
Methane	1210		ug/l	2.00	2.00	1	A
Ethene	32.6		ug/l	0.500	0.500	1	A
Ethane	50.1		ug/l	0.500	0.500	1	A

Project Name: FORMER COYNE TEXTILE
Project Number: 059294.001

Lab Number: L2363190
Report Date: 12/05/23

SAMPLE RESULTS

Lab ID: L2363190-03 D
 Client ID: MW-5R-20231024
 Sample Location: SYRACUSE, NY

Date Collected: 10/24/23 12:20
 Date Received: 10/24/23
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 1,8260D
 Analytical Date: 11/02/23 09:38
 Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Vinyl chloride	200		ug/l	5.0	0.36	5

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	106		70-130
Toluene-d8	98		70-130
4-Bromofluorobenzene	100		70-130
Dibromofluoromethane	102		70-130

Project Name: FORMER COYNE TEXTILE
Project Number: 059294.001

Lab Number: L2363190
Report Date: 12/05/23

SAMPLE RESULTS

Lab ID: L2363190-04
 Client ID: MW-4-20231024
 Sample Location: SYRACUSE, NY

Date Collected: 10/24/23 14:30
 Date Received: 10/24/23
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 1,8260D
 Analytical Date: 10/31/23 16:48
 Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	0.48	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	90		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
Project Number: 059294.001

Lab Number: L2363190
Report Date: 12/05/23

SAMPLE RESULTS

Lab ID: L2363190-04
Client ID: MW-4-20231024
Sample Location: SYRACUSE, NY

Date Collected: 10/24/23 14:30
Date Received: 10/24/23
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.70	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	56		ug/l	2.5	0.70	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	2.3	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	104		70-130
Toluene-d8	99		70-130
4-Bromofluorobenzene	104		70-130
Dibromofluoromethane	100		70-130

Project Name: FORMER COYNE TEXTILE
Project Number: 059294.001

Lab Number: L2363190
Report Date: 12/05/23

SAMPLE RESULTS

Lab ID: L2363190-04
 Client ID: MW-4-20231024
 Sample Location: SYRACUSE, NY

Date Collected: 10/24/23 14:30
 Date Received: 10/24/23
 Field Prep: Not Specified

Sample Depth:
 Matrix: Water
 Analytical Method: 117,-
 Analytical Date: 10/26/23 09:37
 Analyst: SRO

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Dissolved Gases by GC - Mansfield Lab						
Carbon Dioxide	56.6		mg/l	3.00	3.00	1

Project Name: FORMER COYNE TEXTILE**Lab Number:** L2363190**Project Number:** 059294.001**Report Date:** 12/05/23**SAMPLE RESULTS**

Lab ID: L2363190-04
 Client ID: MW-4-20231024
 Sample Location: SYRACUSE, NY

Date Collected: 10/24/23 14:30
 Date Received: 10/24/23
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 117,-
 Analytical Date: 11/01/23 00:57
 Analyst: SRO

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Dissolved Gases by GC - Mansfield Lab							
Methane	7650		ug/l	2.00	2.00	1	A
Ethene	81.5		ug/l	0.500	0.500	1	A
Ethane	407		ug/l	0.500	0.500	1	A

Project Name: FORMER COYNE TEXTILE
Project Number: 059294.001

Lab Number: L2363190
Report Date: 12/05/23

SAMPLE RESULTS

Lab ID: L2363190-05
 Client ID: MW-105D-20231024
 Sample Location: SYRACUSE, NY

Date Collected: 10/24/23 15:45
 Date Received: 10/24/23
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 1,8260D
 Analytical Date: 10/31/23 17:11
 Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	5.7		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	0.16	J	ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1

Project Name: FORMER COYNE TEXTILE
Project Number: 059294.001

Lab Number: L2363190
Report Date: 12/05/23

SAMPLE RESULTS

Lab ID: L2363190-05
 Client ID: MW-105D-20231024
 Sample Location: SYRACUSE, NY

Date Collected: 10/24/23 15:45
 Date Received: 10/24/23
 Field Prep: Not Specified

Sample Depth:

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

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	105		70-130
Toluene-d8	99		70-130
4-Bromofluorobenzene	100		70-130
Dibromofluoromethane	100		70-130

Project Name: FORMER COYNE TEXTILE
Project Number: 059294.001

Lab Number: L2363190
Report Date: 12/05/23

SAMPLE RESULTS

Lab ID: L2363190-05
 Client ID: MW-105D-20231024
 Sample Location: SYRACUSE, NY

Date Collected: 10/24/23 15:45
 Date Received: 10/24/23
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 117,-
 Analytical Date: 10/26/23 09:55
 Analyst: SRO

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Dissolved Gases by GC - Mansfield Lab						
Carbon Dioxide	91.8		mg/l	3.00	3.00	1

Project Name: FORMER COYNE TEXTILE**Lab Number:** L2363190**Project Number:** 059294.001**Report Date:** 12/05/23**SAMPLE RESULTS**

Lab ID: L2363190-05
 Client ID: MW-105D-20231024
 Sample Location: SYRACUSE, NY

Date Collected: 10/24/23 15:45
 Date Received: 10/24/23
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 117,-
 Analytical Date: 11/01/23 01:15
 Analyst: SRO

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Dissolved Gases by GC - Mansfield Lab							
Methane	3340		ug/l	2.00	2.00	1	A
Ethene	ND		ug/l	0.500	0.500	1	A
Ethane	5.34		ug/l	0.500	0.500	1	A

Project Name: FORMER COYNE TEXTILE
Project Number: 059294.001

Lab Number: L2363190
Report Date: 12/05/23

SAMPLE RESULTS

Lab ID: L2363190-06
 Client ID: CHA-1-20231024
 Sample Location: SYRACUSE, NY

Date Collected: 10/24/23 09:00
 Date Received: 10/24/23
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 117,-
 Analytical Date: 10/26/23 10:13
 Analyst: SRO

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Dissolved Gases by GC - Mansfield Lab						
Carbon Dioxide	73.2		mg/l	3.00	3.00	1

Project Name: FORMER COYNE TEXTILE**Lab Number:** L2363190**Project Number:** 059294.001**Report Date:** 12/05/23**SAMPLE RESULTS**

Lab ID: L2363190-06
 Client ID: CHA-1-20231024
 Sample Location: SYRACUSE, NY

Date Collected: 10/24/23 09:00
 Date Received: 10/24/23
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 117,-
 Analytical Date: 11/01/23 01:33
 Analyst: SRO

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Dissolved Gases by GC - Mansfield Lab							
Methane	4950		ug/l	2.00	2.00	1	A
Ethene	55.4		ug/l	0.500	0.500	1	A
Ethane	20.6		ug/l	0.500	0.500	1	A

Project Name: FORMER COYNE TEXTILE
Project Number: 059294.001

Lab Number: L2363190
Report Date: 12/05/23

SAMPLE RESULTS

Lab ID: L2363190-06 D
 Client ID: CHA-1-20231024
 Sample Location: SYRACUSE, NY

Date Collected: 10/24/23 09:00
 Date Received: 10/24/23
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 1,8260D
 Analytical Date: 10/31/23 17:59
 Analyst: PID

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	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	520		ug/l	10	0.71	10
Chloroethane	ND		ug/l	25	7.0	10
1,1-Dichloroethene	5.2		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 COYNE TEXTILE
Project Number: 059294.001

Lab Number: L2363190
Report Date: 12/05/23

SAMPLE RESULTS

Lab ID: L2363190-06 D
 Client ID: CHA-1-20231024
 Sample Location: SYRACUSE, NY

Date Collected: 10/24/23 09:00
 Date Received: 10/24/23
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/l	25	7.0	10
1,4-Dichlorobenzene	ND		ug/l	25	7.0	10
Methyl tert butyl ether	ND		ug/l	25	7.0	10
p/m-Xylene	ND		ug/l	25	7.0	10
o-Xylene	ND		ug/l	25	7.0	10
cis-1,2-Dichloroethene	1400		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	107		70-130
Toluene-d8	99		70-130
4-Bromofluorobenzene	98		70-130
Dibromofluoromethane	105		70-130

Project Name: FORMER COYNE TEXTILE
Project Number: 059294.001

Lab Number: L2363190
Report Date: 12/05/23

SAMPLE RESULTS

Lab ID: L2363190-07
 Client ID: TRIP BLANK
 Sample Location: SYRACUSE, NY

Date Collected: 10/24/23 00:00
 Date Received: 10/24/23
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 1,8260D
 Analytical Date: 10/31/23 17:35
 Analyst: PID

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

Project Name: FORMER COYNE TEXTILE
Project Number: 059294.001

Lab Number: L2363190
Report Date: 12/05/23

SAMPLE RESULTS

Lab ID: L2363190-07
 Client ID: TRIP BLANK
 Sample Location: SYRACUSE, NY

Date Collected: 10/24/23 00:00
 Date Received: 10/24/23
 Field Prep: Not Specified

Sample Depth:

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

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	105		70-130
Toluene-d8	97		70-130
4-Bromofluorobenzene	103		70-130
Dibromofluoromethane	103		70-130

Project Name: FORMER COYNE TEXTILE**Lab Number:** L2363190**Project Number:** 059294.001**Report Date:** 12/05/23**Method Blank Analysis
Batch Quality Control**

Analytical Method: 117,-
Analytical Date: 10/26/23 07:29
Analyst: SRO

Parameter	Result	Qualifier	Units	RL	MDL
Dissolved Gases by GC - Mansfield Lab for sample(s): 01-06 Batch: WG1844478-3					
Carbon Dioxide	ND		mg/l	3.00	3.00

Project Name: FORMER COYNE TEXTILE**Lab Number:** L2363190**Project Number:** 059294.001**Report Date:** 12/05/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 117,-
 Analytical Date: 10/31/23 08:19
 Analyst: SRO

Parameter	Result	Qualifier	Units	RL	MDL	
Dissolved Gases by GC - Mansfield Lab for sample(s): 03 Batch: WG1846268-3						
Methane	ND		ug/l	2.00	2.00	A
Ethene	ND		ug/l	0.500	0.500	A
Ethane	ND		ug/l	0.500	0.500	A

Project Name: FORMER COYNE TEXTILE
Project Number: 059294.001

Lab Number: L2363190
Report Date: 12/05/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 10/31/23 12:50
Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-07 Batch: WG1846880-5					
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
Project Number: 059294.001

Lab Number: L2363190
Report Date: 12/05/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 10/31/23 12:50
Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-07 Batch: WG1846880-5					
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70
Methyl tert butyl ether	ND		ug/l	2.5	0.70
p/m-Xylene	ND		ug/l	2.5	0.70
o-Xylene	ND		ug/l	2.5	0.70
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70
Styrene	ND		ug/l	2.5	0.70
Dichlorodifluoromethane	ND		ug/l	5.0	1.0
Acetone	ND		ug/l	5.0	1.5
Carbon disulfide	ND		ug/l	5.0	1.0
2-Butanone	ND		ug/l	5.0	1.9
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0
2-Hexanone	ND		ug/l	5.0	1.0
Bromochloromethane	ND		ug/l	2.5	0.70
1,2-Dibromoethane	ND		ug/l	2.0	0.65
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70
Isopropylbenzene	ND		ug/l	2.5	0.70
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70
Methyl Acetate	ND		ug/l	2.0	0.23
Cyclohexane	ND		ug/l	10	0.27
1,4-Dioxane	ND		ug/l	250	61.
Freon-113	ND		ug/l	2.5	0.70
Methyl cyclohexane	ND		ug/l	10	0.40

Project Name: FORMER COYNE TEXTILE**Lab Number:** L2363190**Project Number:** 059294.001**Report Date:** 12/05/23

**Method Blank Analysis
Batch Quality Control**

Analytical Method: 1,8260D
 Analytical Date: 10/31/23 12:50
 Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-07 Batch: WG1846880-5					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	95		70-130
Toluene-d8	99		70-130
4-Bromofluorobenzene	104		70-130
Dibromofluoromethane	97		70-130

Project Name: FORMER COYNE TEXTILE**Lab Number:** L2363190**Project Number:** 059294.001**Report Date:** 12/05/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 117,-
 Analytical Date: 10/31/23 20:12
 Analyst: SRO

Parameter	Result	Qualifier	Units	RL	MDL	
Dissolved Gases by GC - Mansfield Lab for sample(s): 01-02,04-06 Batch: WG1846967-3						
Methane	ND		ug/l	2.00	2.00	A
Ethene	ND		ug/l	0.500	0.500	A
Ethane	ND		ug/l	0.500	0.500	A

Project Name: FORMER COYNE TEXTILE

Lab Number: L2363190

Project Number: 059294.001

Report Date: 12/05/23

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260D
 Analytical Date: 11/02/23 08:27
 Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 02-03 Batch: WG1847518-5					
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
Project Number: 059294.001

Lab Number: L2363190
Report Date: 12/05/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 11/02/23 08:27
Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 02-03 Batch: WG1847518-5					
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70
Methyl tert butyl ether	ND		ug/l	2.5	0.70
p/m-Xylene	ND		ug/l	2.5	0.70
o-Xylene	ND		ug/l	2.5	0.70
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70
Styrene	ND		ug/l	2.5	0.70
Dichlorodifluoromethane	ND		ug/l	5.0	1.0
Acetone	ND		ug/l	5.0	1.5
Carbon disulfide	ND		ug/l	5.0	1.0
2-Butanone	ND		ug/l	5.0	1.9
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0
2-Hexanone	ND		ug/l	5.0	1.0
Bromochloromethane	ND		ug/l	2.5	0.70
1,2-Dibromoethane	ND		ug/l	2.0	0.65
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70
Isopropylbenzene	ND		ug/l	2.5	0.70
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70
Methyl Acetate	ND		ug/l	2.0	0.23
Cyclohexane	ND		ug/l	10	0.27
1,4-Dioxane	ND		ug/l	250	61.
Freon-113	ND		ug/l	2.5	0.70
Methyl cyclohexane	ND		ug/l	10	0.40

Project Name: FORMER COYNE TEXTILE
Project Number: 059294.001

Lab Number: L2363190
Report Date: 12/05/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 11/02/23 08:27
Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 02-03 Batch: WG1847518-5					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	104		70-130
Toluene-d8	99		70-130
4-Bromofluorobenzene	102		70-130
Dibromofluoromethane	103		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: FORMER COYNE TEXTILE

Lab Number: L2363190

Project Number: 059294.001

Report Date: 12/05/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Dissolved Gases by GC - Mansfield Lab Associated sample(s): 01-06 Batch: WG1844478-2								
Carbon Dioxide	97		-		80-120	-		

Lab Control Sample Analysis

Batch Quality Control

Project Name: FORMER COYNE TEXTILE

Project Number: 059294.001

Lab Number: L2363190

Report Date: 12/05/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Dissolved Gases by GC - Mansfield Lab Associated sample(s): 03 Batch: WG1846268-2									
Methane	96		-		80-120	-		25	A
Ethene	93		-		80-120	-		25	A
Ethane	90		-		80-120	-		25	A

Lab Control Sample Analysis

Batch Quality Control

Project Name: FORMER COYNE TEXTILE

Lab Number: L2363190

Project Number: 059294.001

Report Date: 12/05/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-07 Batch: WG1846880-3 WG1846880-4								
Methylene chloride	97		100		70-130	3		20
1,1-Dichloroethane	100		110		70-130	10		20
Chloroform	97		110		70-130	13		20
Carbon tetrachloride	100		110		63-132	10		20
1,2-Dichloropropane	98		110		70-130	12		20
Dibromochloromethane	91		100		63-130	9		20
1,1,2-Trichloroethane	92		100		70-130	8		20
Tetrachloroethene	100		110		70-130	10		20
Chlorobenzene	100		110		75-130	10		20
Trichlorofluoromethane	100		100		62-150	0		20
1,2-Dichloroethane	90		100		70-130	11		20
1,1,1-Trichloroethane	100		110		67-130	10		20
Bromodichloromethane	93		100		67-130	7		20
trans-1,3-Dichloropropene	97		100		70-130	3		20
cis-1,3-Dichloropropene	97		110		70-130	13		20
Bromoform	85		100		54-136	16		20
1,1,2,2-Tetrachloroethane	93		110		67-130	17		20
Benzene	100		110		70-130	10		20
Toluene	100		110		70-130	10		20
Ethylbenzene	100		110		70-130	10		20
Chloromethane	110		110		64-130	0		20
Bromomethane	76		91		39-139	18		20
Vinyl chloride	110		110		55-140	0		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: FORMER COYNE TEXTILE

Lab Number: L2363190

Project Number: 059294.001

Report Date: 12/05/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-07 Batch: WG1846880-3 WG1846880-4								
Chloroethane	110		110		55-138	0		20
1,1-Dichloroethene	100		110		61-145	10		20
trans-1,2-Dichloroethene	100		100		70-130	0		20
Trichloroethene	100		100		70-130	0		20
1,2-Dichlorobenzene	98		110		70-130	12		20
1,3-Dichlorobenzene	100		110		70-130	10		20
1,4-Dichlorobenzene	100		110		70-130	10		20
Methyl tert butyl ether	86		99		63-130	14		20
p/m-Xylene	105		110		70-130	5		20
o-Xylene	105		115		70-130	9		20
cis-1,2-Dichloroethene	100		110		70-130	10		20
Styrene	105		115		70-130	9		20
Dichlorodifluoromethane	110		110		36-147	0		20
Acetone	73		79		58-148	8		20
Carbon disulfide	110		110		51-130	0		20
2-Butanone	79		98		63-138	21	Q	20
4-Methyl-2-pentanone	85		100		59-130	16		20
2-Hexanone	79		100		57-130	23	Q	20
Bromochloromethane	100		110		70-130	10		20
1,2-Dibromoethane	87		100		70-130	14		20
1,2-Dibromo-3-chloropropane	80		110		41-144	32	Q	20
Isopropylbenzene	110		110		70-130	0		20
1,2,3-Trichlorobenzene	78		100		70-130	25	Q	20

Lab Control Sample Analysis

Batch Quality Control

Project Name: FORMER COYNE TEXTILE

Project Number: 059294.001

Lab Number: L2363190

Report Date: 12/05/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-07 Batch: WG1846880-3 WG1846880-4								
1,2,4-Trichlorobenzene	82		95		70-130	15		20
Methyl Acetate	85		100		70-130	16		20
Cyclohexane	110		110		70-130	0		20
1,4-Dioxane	72		94		56-162	27	Q	20
Freon-113	110		100		70-130	10		20
Methyl cyclohexane	120		100		70-130	18		20

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	97		100		70-130
Toluene-d8	100		100		70-130
4-Bromofluorobenzene	102		104		70-130
Dibromofluoromethane	98		97		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: FORMER COYNE TEXTILE

Project Number: 059294.001

Lab Number: L2363190

Report Date: 12/05/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Dissolved Gases by GC - Mansfield Lab Associated sample(s): 01-02,04-06 Batch: WG1846967-2									
Methane	96		-		80-120	-		25	A
Ethene	92		-		80-120	-		25	A
Ethane	90		-		80-120	-		25	A

Lab Control Sample Analysis

Batch Quality Control

Project Name: FORMER COYNE TEXTILE

Lab Number: L2363190

Project Number: 059294.001

Report Date: 12/05/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 02-03 Batch: WG1847518-3 WG1847518-4								
Methylene chloride	97		100		70-130	3		20
1,1-Dichloroethane	99		100		70-130	1		20
Chloroform	97		100		70-130	3		20
Carbon tetrachloride	110		100		63-132	10		20
1,2-Dichloropropane	95		100		70-130	5		20
Dibromochloromethane	89		96		63-130	8		20
1,1,2-Trichloroethane	88		95		70-130	8		20
Tetrachloroethene	100		100		70-130	0		20
Chlorobenzene	97		100		75-130	3		20
Trichlorofluoromethane	100		92		62-150	8		20
1,2-Dichloroethane	95		100		70-130	5		20
1,1,1-Trichloroethane	100		100		67-130	0		20
Bromodichloromethane	96		100		67-130	4		20
trans-1,3-Dichloropropene	94		100		70-130	6		20
cis-1,3-Dichloropropene	96		100		70-130	4		20
Bromoform	86		95		54-136	10		20
1,1,2,2-Tetrachloroethane	86		96		67-130	11		20
Benzene	98		100		70-130	2		20
Toluene	99		100		70-130	1		20
Ethylbenzene	100		100		70-130	0		20
Chloromethane	100		100		64-130	0		20
Bromomethane	97		100		39-139	3		20
Vinyl chloride	100		100		55-140	0		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: FORMER COYNE TEXTILE

Lab Number: L2363190

Project Number: 059294.001

Report Date: 12/05/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 02-03 Batch: WG1847518-3 WG1847518-4								
Chloroethane	110		120		55-138	9		20
1,1-Dichloroethene	100		98		61-145	2		20
trans-1,2-Dichloroethene	98		100		70-130	2		20
Trichloroethene	98		100		70-130	2		20
1,2-Dichlorobenzene	95		100		70-130	5		20
1,3-Dichlorobenzene	100		100		70-130	0		20
1,4-Dichlorobenzene	100		100		70-130	0		20
Methyl tert butyl ether	87		96		63-130	10		20
p/m-Xylene	100		105		70-130	5		20
o-Xylene	100		105		70-130	5		20
cis-1,2-Dichloroethene	96		100		70-130	4		20
Styrene	100		105		70-130	5		20
Dichlorodifluoromethane	100		99		36-147	1		20
Acetone	70		83		58-148	17		20
Carbon disulfide	100		100		51-130	0		20
2-Butanone	75		84		63-138	11		20
4-Methyl-2-pentanone	77		95		59-130	21	Q	20
2-Hexanone	74		90		57-130	20		20
Bromochloromethane	100		110		70-130	10		20
1,2-Dibromoethane	84		92		70-130	9		20
1,2-Dibromo-3-chloropropane	80		92		41-144	14		20
Isopropylbenzene	100		100		70-130	0		20
1,2,3-Trichlorobenzene	78		90		70-130	14		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: FORMER COYNE TEXTILE

Project Number: 059294.001

Lab Number: L2363190

Report Date: 12/05/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 02-03 Batch: WG1847518-3 WG1847518-4								
1,2,4-Trichlorobenzene	84		86		70-130	2		20
Methyl Acetate	86		97		70-130	12		20
Cyclohexane	110		99		70-130	11		20
1,4-Dioxane	80		96		56-162	18		20
Freon-113	100		98		70-130	2		20
Methyl cyclohexane	110		99		70-130	11		20

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	103		106		70-130
Toluene-d8	100		98		70-130
4-Bromofluorobenzene	100		98		70-130
Dibromofluoromethane	102		101		70-130

Matrix Spike Analysis Batch Quality Control

Project Name: FORMER COYNE TEXTILE
Project Number: 059294.001

Lab Number: L2363190
Report Date: 12/05/23

<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: WG1844478-4 WG1844478-5 QC Sample: L2363190-03 Client ID: MW-5R-20231024												
Carbon Dioxide	37.7	12	51.4	12	Q	50.0	103		80-120	3		25

<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 Associated sample(s): 03 QC Batch ID: WG1846268-4 WG1846268-5 QC Sample: L2363190-03 Client ID: MW-5R-20231024													
Methane	1210	54.6	1290	147	Q	1320	201	Q	80-120	2		25	A
Ethene	32.6	95.5	249	227	Q	252	230	Q	80-120	1		25	A
Ethane	50.1	102	283	227	Q	283	227	Q	80-120	0		25	A



Matrix Spike Analysis

Batch Quality Control

Project Name: FORMER COYNE TEXTILE

Lab Number: L2363190

Project Number: 059294.001

Report Date: 12/05/23

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: WG1846880-6 WG1846880-7 QC Sample: L2363190-03 Client ID: MW-5R-20231024												
Methylene chloride	ND	10	11	110		11	110		70-130	0		20
1,1-Dichloroethane	ND	10	11	110		10	100		70-130	10		20
Chloroform	ND	10	10	100		9.7	97		70-130	3		20
Carbon tetrachloride	ND	10	11	110		10	100		63-132	10		20
1,2-Dichloropropane	ND	10	11	110		10	100		70-130	10		20
Dibromochloromethane	ND	10	9.7	97		9.5	95		63-130	2		20
1,1,2-Trichloroethane	ND	10	10	100		10	100		70-130	0		20
Tetrachloroethene	11	10	23	120		19	80		70-130	19		20
Chlorobenzene	ND	10	11	110		11	110		75-130	0		20
Trichlorofluoromethane	ND	10	11	110		9.1	91		62-150	19		20
1,2-Dichloroethane	ND	10	9.5	95		9.0	90		70-130	5		20
1,1,1-Trichloroethane	ND	10	11	110		10	100		67-130	10		20
Bromodichloromethane	ND	10	9.9	99		9.7	97		67-130	2		20
trans-1,3-Dichloropropene	ND	10	10	100		9.6	96		70-130	4		20
cis-1,3-Dichloropropene	ND	10	10	100		10	100		70-130	0		20
Bromoform	ND	10	9.8	98		9.2	92		54-136	6		20
1,1,2,2-Tetrachloroethane	ND	10	11	110		11	110		67-130	0		20
Benzene	0.64	10	12	114		12	114		70-130	0		20
Toluene	ND	10	11	110		11	110		70-130	0		20
Ethylbenzene	ND	10	11	110		11	110		70-130	0		20
Chloromethane	ND	10	11	110		10	100		64-130	10		20
Bromomethane	ND	10	8.6	86		9.0	90		39-139	5		20
Vinyl chloride	250E	10	260E	100		250E	0	Q	55-140	4		20

Matrix Spike Analysis

Batch Quality Control

Project Name: FORMER COYNE TEXTILE

Lab Number: L2363190

Project Number: 059294.001

Report Date: 12/05/23

<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: WG1846880-6 WG1846880-7 QC Sample: L2363190-03 Client ID: MW-5R-20231024												
Chloroethane	1.8J	10	14	140	Q	13	130		55-138	7		20
1,1-Dichloroethene	ND	10	12	120		11	110		61-145	9		20
trans-1,2-Dichloroethene	ND	10	12	120		11	110		70-130	9		20
Trichloroethene	4.3	10	15	107		14	97		70-130	7		20
1,2-Dichlorobenzene	ND	10	11	110		10	100		70-130	10		20
1,3-Dichlorobenzene	ND	10	11	110		11	110		70-130	0		20
1,4-Dichlorobenzene	ND	10	11	110		10	100		70-130	10		20
Methyl tert butyl ether	ND	10	10	100		9.7	97		63-130	3		20
p/m-Xylene	ND	20	23	115		22	110		70-130	4		20
o-Xylene	ND	20	23	115		22	110		70-130	4		20
cis-1,2-Dichloroethene	14	10	26	120		25	110		70-130	4		20
Styrene	ND	20	22	110		21	105		70-130	5		20
Dichlorodifluoromethane	ND	10	11	110		10	100		36-147	10		20
Acetone	ND	10	8.6	86		7.7	77		58-148	11		20
Carbon disulfide	ND	10	12	120		12	120		51-130	0		20
2-Butanone	ND	10	9.1	91		8.6	86		63-138	6		20
4-Methyl-2-pentanone	ND	10	10	100		9.7	97		59-130	3		20
2-Hexanone	ND	10	9.3	93		9.2	92		57-130	1		20
Bromochloromethane	ND	10	11	110		11	110		70-130	0		20
1,2-Dibromoethane	ND	10	10	100		9.7	97		70-130	3		20
1,2-Dibromo-3-chloropropane	ND	10	10	100		9.8	98		41-144	2		20
Isopropylbenzene	ND	10	12	120		11	110		70-130	9		20
1,2,3-Trichlorobenzene	ND	10	11	110		10	100		70-130	10		20

Matrix Spike Analysis

Batch Quality Control

Project Name: FORMER COYNE TEXTILE

Lab Number: L2363190

Project Number: 059294.001

Report Date: 12/05/23

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: WG1846880-6 WG1846880-7 QC Sample: L2363190-03 Client ID: MW-5R-20231024												
1,2,4-Trichlorobenzene	ND	10	10	100		10	100		70-130	0		20
Methyl Acetate	ND	10	9.0	90		8.4	84		70-130	7		20
Cyclohexane	ND	10	12	120		11	110		70-130	9		20
1,4-Dioxane	ND	500	480	96		490	98		56-162	2		20
Freon-113	ND	10	11	110		10	100		70-130	10		20
Methyl cyclohexane	ND	10	12	120		11	110		70-130	9		20

Surrogate	MS		MSD		Acceptance Criteria
	% Recovery	Qualifier	% Recovery	Qualifier	
1,2-Dichloroethane-d4	92		91		70-130
4-Bromofluorobenzene	101		101		70-130
Dibromofluoromethane	94		96		70-130
Toluene-d8	100		100		70-130

METALS

Project Name: FORMER COYNE TEXTILE
Project Number: 059294.001

Lab Number: L2363190
Report Date: 12/05/23

SAMPLE RESULTS

Lab ID: L2363190-01
 Client ID: MW-7R-20231024
 Sample Location: SYRACUSE, NY

Date Collected: 10/24/23 09:45
 Date Received: 10/24/23
 Field Prep: Not Specified

Sample Depth:
 Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Iron, Total	4.54		mg/l	0.0500	0.0191	1	10/26/23 03:45	11/01/23 21:53	EPA 3005A	1,6020B	MRC



Project Name: FORMER COYNE TEXTILE
Project Number: 059294.001

Lab Number: L2363190
Report Date: 12/05/23

SAMPLE RESULTS

Lab ID: L2363190-02
 Client ID: MW-6R-20231024
 Sample Location: SYRACUSE, NY

Date Collected: 10/24/23 11:20
 Date Received: 10/24/23
 Field Prep: Not Specified

Sample Depth:
 Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Iron, Total	11.1		mg/l	0.0500	0.0191	1	10/26/23 03:45	11/01/23 21:58	EPA 3005A	1,6020B	MRC



Project Name: FORMER COYNE TEXTILE
Project Number: 059294.001

Lab Number: L2363190
Report Date: 12/05/23

SAMPLE RESULTS

Lab ID: L2363190-03
 Client ID: MW-5R-20231024
 Sample Location: SYRACUSE, NY

Date Collected: 10/24/23 12:20
 Date Received: 10/24/23
 Field Prep: Not Specified

Sample Depth:
 Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Iron, Total	3.01		mg/l	0.0500	0.0191	1	10/26/23 03:45	10/28/23 10:00	EPA 3005A	1,6020B	MRC



Project Name: FORMER COYNE TEXTILE

Lab Number: L2363190

Project Number: 059294.001

Report Date: 12/05/23

SAMPLE RESULTS

Lab ID: L2363190-04

Date Collected: 10/24/23 14:30

Client ID: MW-4-20231024

Date Received: 10/24/23

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
Total Metals - Mansfield Lab											
Iron, Total	105.		mg/l	0.250	0.0955	5	10/26/23 03:45	11/01/23 22:02	EPA 3005A	1,6020B	MRC



Project Name: FORMER COYNE TEXTILE
Project Number: 059294.001

Lab Number: L2363190
Report Date: 12/05/23

SAMPLE RESULTS

Lab ID: L2363190-05
 Client ID: MW-105D-20231024
 Sample Location: SYRACUSE, NY

Date Collected: 10/24/23 15:45
 Date Received: 10/24/23
 Field Prep: Not Specified

Sample Depth:
 Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Iron, Total	2.35		mg/l	0.0500	0.0191	1	10/26/23 03:45	11/01/23 22:07	EPA 3005A	1,6020B	MRC



Project Name: FORMER COYNE TEXTILE

Lab Number: L2363190

Project Number: 059294.001

Report Date: 12/05/23

SAMPLE RESULTS

Lab ID: L2363190-06

Date Collected: 10/24/23 09:00

Client ID: CHA-1-20231024

Date Received: 10/24/23

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
Total Metals - Mansfield Lab											
Iron, Total	4.84		mg/l	0.0500	0.0191	1	10/26/23 03:45	11/01/23 22:12	EPA 3005A	1,6020B	MRC



Project Name: FORMER COYNE TEXTILE

Lab Number: L2363190

Project Number: 059294.001

Report Date: 12/05/23

Method Blank Analysis Batch Quality Control

Parameter	Result Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01-06 Batch: WG1844099-1									
Iron, Total	ND	mg/l	0.0500	0.0191	1	10/26/23 03:45	10/30/23 13:36	1,6020B	SMV

Prep Information

Digestion Method: EPA 3005A



Lab Control Sample Analysis Batch Quality Control

Project Name: FORMER COYNE TEXTILE
Project Number: 059294.001

Lab Number: L2363190
Report Date: 12/05/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-06 Batch: WG1844099-2								
Iron, Total	110		-		80-120	-		

Matrix Spike Analysis Batch Quality Control

Project Name: FORMER COYNE TEXTILE
Project Number: 059294.001

Lab Number: L2363190
Report Date: 12/05/23

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-06 QC Batch ID: WG1844099-3 WG1844099-4 QC Sample: L2363190-03 Client ID: MW-5R-20231024												
Iron, Total	3.01	1	3.79	78		4.07	106		75-125	7		20



Project Name: FORMER COYNE TEXTILE

Project Number: 059294.001

**Lab Serial Dilution
Analysis
Batch Quality Control**

Lab Number: L2363190

Report Date: 12/05/23

Parameter	Native Sample	Serial Dilution	Units	% D	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-06 QC Batch ID: WG1844099-6 QC Sample: L2363190-03 Client ID: MW-5R-20231024						
Iron, Total	3.01	2.83	mg/l	6		20

INORGANICS & MISCELLANEOUS

Project Name: FORMER COYNE TEXTILE
Project Number: 059294.001

Lab Number: L2363190
Report Date: 12/05/23

SAMPLE RESULTS

Lab ID: L2363190-01
Client ID: MW-7R-20231024
Sample Location: SYRACUSE, NY

Date Collected: 10/24/23 09:45
Date Received: 10/24/23
Field Prep: Not Specified

Sample Depth:
Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Alkalinity, Total	382.		mg CaCO3/L	2.00	NA	1	-	10/31/23 10:55	121,2320B	MKT
Nitrogen, Nitrate	ND		mg/l	0.10	0.023	1	-	10/26/23 04:38	44,353.2	KAF
Sulfide	ND		mg/l	0.10	0.10	1	10/30/23 19:45	10/30/23 22:04	121,4500S2-D	TLH
Total Organic Carbon	4.8		mg/l	0.50	0.10	1	-	11/01/23 05:57	1,9060A	DEW
Anions by Ion Chromatography - Westborough Lab										
Chloride	338.		mg/l	5.00	0.839	10	-	10/26/23 20:00	44,300.0	AVT
Sulfate	126.		mg/l	10.0	4.54	10	-	10/26/23 20:00	44,300.0	AVT



Project Name: FORMER COYNE TEXTILE
Project Number: 059294.001

Lab Number: L2363190
Report Date: 12/05/23

SAMPLE RESULTS

Lab ID: L2363190-02
Client ID: MW-6R-20231024
Sample Location: SYRACUSE, NY

Date Collected: 10/24/23 11:20
Date Received: 10/24/23
Field Prep: Not Specified

Sample Depth:
Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Alkalinity, Total	384.		mg CaCO3/L	2.00	NA	1	-	10/31/23 10:55	121,2320B	MKT
Nitrogen, Nitrate	0.023	J	mg/l	0.10	0.023	1	-	10/26/23 04:43	44,353.2	KAF
Sulfide	0.15		mg/l	0.10	0.10	1	10/30/23 19:45	10/30/23 22:04	121,4500S2-D	TLH
Total Organic Carbon	12		mg/l	2.0	0.39	4	-	11/01/23 06:32	1,9060A	DEW
Anions by Ion Chromatography - Westborough Lab										
Chloride	330.		mg/l	5.00	0.839	10	-	10/26/23 20:13	44,300.0	AVT
Sulfate	113.		mg/l	10.0	4.54	10	-	10/26/23 20:13	44,300.0	AVT



Project Name: FORMER COYNE TEXTILE
Project Number: 059294.001

Lab Number: L2363190
Report Date: 12/05/23

SAMPLE RESULTS

Lab ID: L2363190-03
Client ID: MW-5R-20231024
Sample Location: SYRACUSE, NY

Date Collected: 10/24/23 12:20
Date Received: 10/24/23
Field Prep: Not Specified

Sample Depth:
Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Alkalinity, Total	270.		mg CaCO3/L	2.00	NA	1	-	10/31/23 10:55	121,2320B	MKT
Nitrogen, Nitrate	ND		mg/l	0.10	0.023	1	-	10/26/23 04:45	44,353.2	KAF
Sulfide	0.25		mg/l	0.10	0.10	1	10/30/23 19:45	10/30/23 22:04	121,4500S2-D	TLH
Total Organic Carbon	3.2		mg/l	0.50	0.10	1	-	11/01/23 07:10	1,9060A	DEW
Anions by Ion Chromatography - Westborough Lab										
Chloride	277.		mg/l	5.00	0.839	10	-	10/26/23 20:25	44,300.0	AVT
Sulfate	184.		mg/l	10.0	4.54	10	-	10/26/23 20:25	44,300.0	AVT



Project Name: FORMER COYNE TEXTILE
Project Number: 059294.001

Lab Number: L2363190
Report Date: 12/05/23

SAMPLE RESULTS

Lab ID: L2363190-04
Client ID: MW-4-20231024
Sample Location: SYRACUSE, NY

Date Collected: 10/24/23 14:30
Date Received: 10/24/23
Field Prep: Not Specified

Sample Depth:
Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Alkalinity, Total	430.		mg CaCO3/L	5.00	NA	2.5	-	11/01/23 11:11	121,2320B	MKT
Nitrogen, Nitrate	0.17		mg/l	0.10	0.023	1	-	10/26/23 04:48	44,353.2	KAF
Sulfide	1.7		mg/l	0.50	0.50	5	10/30/23 19:45	10/30/23 22:05	121,4500S2-D	TLH
Total Organic Carbon	20		mg/l	2.0	0.39	4	-	11/01/23 07:44	1,9060A	DEW
Anions by Ion Chromatography - Westborough Lab										
Chloride	258.		mg/l	5.00	0.839	10	-	10/26/23 20:37	44,300.0	AVT
Sulfate	96.9		mg/l	10.0	4.54	10	-	10/26/23 20:37	44,300.0	AVT



Project Name: FORMER COYNE TEXTILE
Project Number: 059294.001

Lab Number: L2363190
Report Date: 12/05/23

SAMPLE RESULTS

Lab ID: L2363190-05
Client ID: MW-105D-20231024
Sample Location: SYRACUSE, NY

Date Collected: 10/24/23 15:45
Date Received: 10/24/23
Field Prep: Not Specified

Sample Depth:
Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Alkalinity, Total	582.		mg CaCO3/L	5.00	NA	2.5	-	11/01/23 11:11	121,2320B	MKT
Nitrogen, Nitrate	0.023	J	mg/l	0.10	0.023	1	-	10/26/23 04:50	44,353.2	KAF
Sulfide	ND		mg/l	0.10	0.10	1	10/30/23 19:45	10/30/23 23:01	121,4500S2-D	TLH
Total Organic Carbon	7.4		mg/l	0.50	0.10	1	-	11/01/23 08:20	1,9060A	DEW
Anions by Ion Chromatography - Westborough Lab										
Chloride	65.9		mg/l	5.00	0.839	10	-	10/26/23 20:49	44,300.0	AVT
Sulfate	23.4		mg/l	10.0	4.54	10	-	10/26/23 20:49	44,300.0	AVT



Project Name: FORMER COYNE TEXTILE
Project Number: 059294.001

Lab Number: L2363190
Report Date: 12/05/23

SAMPLE RESULTS

Lab ID: L2363190-06
Client ID: CHA-1-20231024
Sample Location: SYRACUSE, NY

Date Collected: 10/24/23 09:00
Date Received: 10/24/23
Field Prep: Not Specified

Sample Depth:
Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Alkalinity, Total	384.		mg CaCO3/L	2.00	NA	1	-	10/31/23 10:55	121,2320B	MKT
Nitrogen, Nitrate	ND		mg/l	0.10	0.023	1	-	10/26/23 04:51	44,353.2	KAF
Sulfide	ND		mg/l	0.10	0.10	1	10/30/23 19:45	10/30/23 23:01	121,4500S2-D	TLH
Total Organic Carbon	4.8		mg/l	0.50	0.10	1	-	11/01/23 08:58	1,9060A	DEW
Anions by Ion Chromatography - Westborough Lab										
Chloride	341.		mg/l	5.00	0.839	10	-	10/26/23 21:01	44,300.0	AVT
Sulfate	130.		mg/l	10.0	4.54	10	-	10/26/23 21:01	44,300.0	AVT



Project Name: FORMER COYNE TEXTILE
Project Number: 059294.001

Lab Number: L2363190
Report Date: 12/05/23

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: WG1844325-1										
Nitrogen, Nitrate	ND		mg/l	0.10	0.023	1	-	10/26/23 03:51	44,353.2	KAF
Anions by Ion Chromatography - Westborough Lab for sample(s): 01-06 Batch: WG1844850-1										
Chloride	0.187	J	mg/l	0.500	0.083	1	-	10/26/23 18:00	44,300.0	AVT
Sulfate	ND		mg/l	1.00	0.454	1	-	10/26/23 18:00	44,300.0	AVT
General Chemistry - Westborough Lab for sample(s): 01-06 Batch: WG1846112-1										
Sulfide	ND		mg/l	0.10	0.10	1	10/30/23 19:45	10/30/23 22:03	121,4500S2-D	TLH
General Chemistry - Westborough Lab for sample(s): 01-03,06 Batch: WG1846412-1										
Alkalinity, Total	ND		mg CaCO3/L	2.00	NA	1	-	10/31/23 10:55	121,2320B	MKT
General Chemistry - Westborough Lab for sample(s): 01-06 Batch: WG1846749-1										
Total Organic Carbon	ND		mg/l	0.50	0.10	1	-	11/01/23 04:48	1,9060A	DEW
General Chemistry - Westborough Lab for sample(s): 04-05 Batch: WG1847051-1										
Alkalinity, Total	ND		mg CaCO3/L	2.00	NA	1	-	11/01/23 11:11	121,2320B	MKT

Lab Control Sample Analysis

Batch Quality Control

Project Name: FORMER COYNE TEXTILE

Project Number: 059294.001

Lab Number: L2363190

Report Date: 12/05/23

Parameter	LCS		LCSD		%Recovery Limits	RPD	Qual	RPD Limits
	%Recovery	Qual	%Recovery	Qual				
General Chemistry - Westborough Lab Associated sample(s): 01-06 Batch: WG1844325-2								
Nitrogen, Nitrate	98		-		90-110	-		
Anions by Ion Chromatography - Westborough Lab Associated sample(s): 01-06 Batch: WG1844850-2								
Chloride	100		-		90-110	-		
Sulfate	104		-		90-110	-		
General Chemistry - Westborough Lab Associated sample(s): 01-06 Batch: WG1846112-2								
Sulfide	81		-		75-125	-		
General Chemistry - Westborough Lab Associated sample(s): 01-03,06 Batch: WG1846412-2								
Alkalinity, Total	104		-		90-110	-		10
General Chemistry - Westborough Lab Associated sample(s): 01-06 Batch: WG1846749-2								
Total Organic Carbon	98		-		90-110	-		
General Chemistry - Westborough Lab Associated sample(s): 04-05 Batch: WG1847051-2								
Alkalinity, Total	107		-		90-110	-		10

Matrix Spike Analysis Batch Quality Control

Project Name: FORMER COYNE TEXTILE
Project Number: 059294.001

Lab Number: L2363190
Report Date: 12/05/23

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: WG1844325-4 QC Sample: L2363190-03 Client ID: MW-5R-20231024												
Nitrogen, Nitrate	ND	4	4.0	100	-	-	-	-	83-113	-	-	6
Anions by Ion Chromatography - Westborough Lab Associated sample(s): 01-06 QC Batch ID: WG1844850-3 WG1844850-4 QC Sample: L2363190-03 Client ID: MW-5R-20231024												
Chloride	277.	40	308	76	Q	308	75	Q	90-110	0	-	18
Sulfate	184.	80	254	89	Q	254	89	Q	90-110	0	-	20
General Chemistry - Westborough Lab Associated sample(s): 01-06 QC Batch ID: WG1846112-4 QC Sample: L2363190-03 Client ID: MW-5R-20231024												
Sulfide	0.25	0.45	0.50	56	Q	-	-	-	70-130	-	-	20
General Chemistry - Westborough Lab Associated sample(s): 01-03,06 QC Batch ID: WG1846412-4 QC Sample: L2363190-03 Client ID: MW-5R-20231024												
Alkalinity, Total	270.	100	291	21	Q	-	-	-	86-116	-	-	10
General Chemistry - Westborough Lab Associated sample(s): 01-06 QC Batch ID: WG1846749-4 QC Sample: L2363190-03 Client ID: MW-5R-20231024												
Total Organic Carbon	3.2	16	21	112	-	-	-	-	80-120	-	-	20
General Chemistry - Westborough Lab Associated sample(s): 04-05 QC Batch ID: WG1847051-4 QC Sample: L2364145-01 Client ID: MS Sample												
Alkalinity, Total	113.	100	215	102	-	-	-	-	86-116	-	-	10

Lab Duplicate Analysis

Batch Quality Control

Project Name: FORMER COYNE TEXTILE

Project Number: 059294.001

Lab Number: L2363190

Report Date: 12/05/23

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-06 QC Batch ID: WG1844325-3 QC Sample: L2363190-03 Client ID: MW-5R-20231024						
Nitrogen, Nitrate	ND	ND	mg/l	NC		6
General Chemistry - Westborough Lab Associated sample(s): 01-06 QC Batch ID: WG1846112-3 QC Sample: L2363190-02 Client ID: MW-6R-20231024						
Sulfide	0.15	0.24	mg/l	46	Q	20
General Chemistry - Westborough Lab Associated sample(s): 01-03,06 QC Batch ID: WG1846412-3 QC Sample: L2363190-03 Client ID: MW-5R-20231024						
Alkalinity, Total	270.	271	mg CaCO3/L	0		10
General Chemistry - Westborough Lab Associated sample(s): 01-06 QC Batch ID: WG1846749-3 QC Sample: L2363190-03 Client ID: MW-5R-20231024						
Total Organic Carbon	3.2	3.5	mg/l	9		20
General Chemistry - Westborough Lab Associated sample(s): 04-05 QC Batch ID: WG1847051-3 QC Sample: L2364145-01 Client ID: DUP Sample						
Alkalinity, Total	113.	112	mg CaCO3/L	1		10

Project Name: FORMER COYNE TEXTILE**Lab Number:** L2363190**Project Number:** 059294.001**Report Date:** 12/05/23**Sample Receipt and Container Information**

Were project specific reporting limits specified?

YES

Cooler Information

Cooler	Custody Seal
A	Absent
B	Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2363190-01A	Vial HCl preserved	B	NA		4.7	Y	Absent		NYTCL-8260-R2(14)
L2363190-01B	Vial HCl preserved	B	NA		4.7	Y	Absent		NYTCL-8260-R2(14)
L2363190-01C	Vial HCl preserved	B	NA		4.7	Y	Absent		NYTCL-8260-R2(14)
L2363190-01D	20ml Vial HCl preserved	A	NA		4.4	Y	Absent		DISSGAS(14)
L2363190-01E	20ml Vial HCl preserved	A	NA		4.4	Y	Absent		DISSGAS(14)
L2363190-01F	Vial unpreserved 20ml	A	NA		4.4	Y	Absent		DISSGAS-CO2(7)
L2363190-01G	Vial unpreserved 20ml	A	NA		4.4	Y	Absent		DISSGAS-CO2(7)
L2363190-01H	Vial H2SO4 preserved	A	NA		4.4	Y	Absent		TOC-9060(28)
L2363190-01J	Vial H2SO4 preserved	A	NA		4.4	Y	Absent		TOC-9060(28)
L2363190-01K	Plastic 250ml unpreserved	A	7	7	4.4	Y	Absent		SO4-300(28),CL-300(28),NO3-353(2)
L2363190-01L	Plastic 250ml unpreserved/No Headspace	A	NA		4.4	Y	Absent		ALK-T-2320(14)
L2363190-01M	Plastic 250ml HNO3 preserved	A	<2	<2	4.4	Y	Absent		BA-6020T(180),FE-6020T(180),SE-6020T(180),CR-6020T(180),PB-6020T(180),AS-6020T(180),CD-6020T(180),HG-T(28),AG-6020T(180)
L2363190-01N	Plastic 250ml Zn Acetate/NaOH preserved	A	>9	>9	4.4	Y	Absent		SULFIDE-4500(7)
L2363190-01P	Plastic 250ml Zn Acetate/NaOH preserved	A	>9	>9	4.4	Y	Absent		SULFIDE-4500(7)
L2363190-02A	Vial HCl preserved	B	NA		4.7	Y	Absent		NYTCL-8260-R2(14)
L2363190-02B	Vial HCl preserved	B	NA		4.7	Y	Absent		NYTCL-8260-R2(14)
L2363190-02C	Vial HCl preserved	B	NA		4.7	Y	Absent		NYTCL-8260-R2(14)
L2363190-02D	20ml Vial HCl preserved	A	NA		4.4	Y	Absent		DISSGAS(14)
L2363190-02E	20ml Vial HCl preserved	A	NA		4.4	Y	Absent		DISSGAS(14)
L2363190-02F	Vial unpreserved 20ml	A	NA		4.4	Y	Absent		DISSGAS-CO2(7)
L2363190-02G	Vial unpreserved 20ml	A	NA		4.4	Y	Absent		DISSGAS-CO2(7)

Project Name: FORMER COYNE TEXTILE**Lab Number:** L2363190**Project Number:** 059294.001**Report Date:** 12/05/23**Container Information**

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2363190-02H	Vial H2SO4 preserved	A	NA		4.4	Y	Absent		TOC-9060(28)
L2363190-02J	Vial H2SO4 preserved	A	NA		4.4	Y	Absent		TOC-9060(28)
L2363190-02K	Plastic 250ml unpreserved	A	7	7	4.4	Y	Absent		SO4-300(28),CL-300(28),NO3-353(2)
L2363190-02L	Plastic 250ml unpreserved/No Headspace	A	NA		4.4	Y	Absent		ALK-T-2320(14)
L2363190-02M	Plastic 250ml HNO3 preserved	A	<2	<2	4.4	Y	Absent		FE-6020T(180),BA-6020T(180),SE-6020T(180),CR-6020T(180),PB-6020T(180),AS-6020T(180),CD-6020T(180),AG-6020T(180),HG-T(28)
L2363190-02N	Plastic 250ml Zn Acetate/NaOH preserved	A	>9	>9	4.4	Y	Absent		SULFIDE-4500(7)
L2363190-02P	Plastic 250ml Zn Acetate/NaOH preserved	A	>9	>9	4.4	Y	Absent		SULFIDE-4500(7)
L2363190-03A	Vial HCl preserved	B	NA		4.7	Y	Absent		NYTCL-8260-R2(14)
L2363190-03A1	Vial HCl preserved	B	NA		4.7	Y	Absent		NYTCL-8260-R2(14)
L2363190-03A2	Vial HCl preserved	B	NA		4.7	Y	Absent		NYTCL-8260-R2(14)
L2363190-03B	Vial HCl preserved	B	NA		4.7	Y	Absent		NYTCL-8260-R2(14)
L2363190-03B1	Vial HCl preserved	B	NA		4.7	Y	Absent		NYTCL-8260-R2(14)
L2363190-03B2	Vial HCl preserved	B	NA		4.7	Y	Absent		NYTCL-8260-R2(14)
L2363190-03C	Vial HCl preserved	B	NA		4.7	Y	Absent		NYTCL-8260-R2(14)
L2363190-03C1	Vial HCl preserved	B	NA		4.7	Y	Absent		NYTCL-8260-R2(14)
L2363190-03C2	Vial HCl preserved	B	NA		4.7	Y	Absent		NYTCL-8260-R2(14)
L2363190-03D	20ml Vial HCl preserved	B	NA		4.7	Y	Absent		DISSGAS(14)
L2363190-03D1	20ml Vial HCl preserved	B	NA		4.7	Y	Absent		DISSGAS(14)
L2363190-03D2	20ml Vial HCl preserved	B	NA		4.7	Y	Absent		DISSGAS(14)
L2363190-03E	20ml Vial HCl preserved	B	NA		4.7	Y	Absent		DISSGAS(14)
L2363190-03E1	20ml Vial HCl preserved	B	NA		4.7	Y	Absent		DISSGAS(14)
L2363190-03E2	20ml Vial HCl preserved	B	NA		4.7	Y	Absent		DISSGAS(14)
L2363190-03F	Vial unpreserved 20ml	B	NA		4.7	Y	Absent		DISSGAS-CO2(7)
L2363190-03F1	Vial unpreserved 20ml	B	NA		4.7	Y	Absent		DISSGAS-CO2(7)
L2363190-03F2	Vial unpreserved 20ml	B	NA		4.7	Y	Absent		DISSGAS-CO2(7)
L2363190-03G	Vial unpreserved 20ml	B	NA		4.7	Y	Absent		DISSGAS-CO2(7)
L2363190-03G1	Vial unpreserved 20ml	B	NA		4.7	Y	Absent		DISSGAS-CO2(7)

Project Name: FORMER COYNE TEXTILE**Lab Number:** L2363190**Project Number:** 059294.001**Report Date:** 12/05/23**Container Information**

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2363190-03G2	Vial unpreserved 20ml	B	NA		4.7	Y	Absent		DISSGAS-CO2(7)
L2363190-03H	Vial H2SO4 preserved	B	NA		4.7	Y	Absent		TOC-9060(28)
L2363190-03H1	Vial H2SO4 preserved	B	NA		4.7	Y	Absent		TOC-9060(28)
L2363190-03H2	Vial H2SO4 preserved	B	NA		4.7	Y	Absent		TOC-9060(28)
L2363190-03J	Vial H2SO4 preserved	B	NA		4.7	Y	Absent		TOC-9060(28)
L2363190-03J1	Vial H2SO4 preserved	B	NA		4.7	Y	Absent		TOC-9060(28)
L2363190-03J2	Vial H2SO4 preserved	B	NA		4.7	Y	Absent		TOC-9060(28)
L2363190-03K	Plastic 250ml unpreserved	B	7	7	4.7	Y	Absent		SO4-300(28),CL-300(28),NO3-353(2)
L2363190-03K1	Plastic 250ml unpreserved	B	7	7	4.7	Y	Absent		SO4-300(28),CL-300(28),NO3-353(2)
L2363190-03K2	Plastic 250ml unpreserved	B	7	7	4.7	Y	Absent		SO4-300(28),CL-300(28),NO3-353(2)
L2363190-03L	Plastic 250ml unpreserved/No Headspace	B	NA		4.7	Y	Absent		ALK-T-2320(14)
L2363190-03L1	Plastic 250ml unpreserved/No Headspace	B	NA		4.7	Y	Absent		ALK-T-2320(14)
L2363190-03L2	Plastic 250ml unpreserved/No Headspace	B	NA		4.7	Y	Absent		ALK-T-2320(14)
L2363190-03M	Plastic 250ml HNO3 preserved	B	<2	<2	4.7	Y	Absent		BA-6020T(180),SE-6020T(180),FE-6020T(180),CR-6020T(180),PB-6020T(180),AS-6020T(180),AG-6020T(180),CD-6020T(180),HG-T(28)
L2363190-03M1	Plastic 250ml HNO3 preserved	B	<2	<2	4.7	Y	Absent		BA-6020T(180),SE-6020T(180),FE-6020T(180),CR-6020T(180),PB-6020T(180),AS-6020T(180),AG-6020T(180),CD-6020T(180),HG-T(28)
L2363190-03M2	Plastic 250ml HNO3 preserved	B	<2	<2	4.7	Y	Absent		BA-6020T(180),SE-6020T(180),FE-6020T(180),CR-6020T(180),PB-6020T(180),AS-6020T(180),AG-6020T(180),CD-6020T(180),HG-T(28)
L2363190-03N	Plastic 250ml Zn Acetate/NaOH preserved	B	>9	>9	4.7	Y	Absent		SULFIDE-4500(7)
L2363190-03N1	Plastic 250ml Zn Acetate/NaOH preserved	B	>9	>9	4.7	Y	Absent		SULFIDE-4500(7)
L2363190-03N2	Plastic 250ml Zn Acetate/NaOH preserved	B	>9	>9	4.7	Y	Absent		SULFIDE-4500(7)
L2363190-03P	Plastic 250ml Zn Acetate/NaOH preserved	B	>9	>9	4.7	Y	Absent		SULFIDE-4500(7)
L2363190-03P1	Plastic 250ml Zn Acetate/NaOH preserved	B	>9	>9	4.7	Y	Absent		SULFIDE-4500(7)
L2363190-03P2	Plastic 250ml Zn Acetate/NaOH preserved	B	>9	>9	4.7	Y	Absent		SULFIDE-4500(7)
L2363190-04A	Vial HCl preserved	B	NA		4.7	Y	Absent		NYTCL-8260-R2(14)
L2363190-04B	Vial HCl preserved	B	NA		4.7	Y	Absent		NYTCL-8260-R2(14)

Project Name: FORMER COYNE TEXTILE
Project Number: 059294.001

Serial_No:12052315:57
Lab Number: L2363190
Report Date: 12/05/23

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2363190-04C	Vial HCl preserved	B	NA		4.7	Y	Absent		NYTCL-8260-R2(14)
L2363190-04D	20ml Vial HCl preserved	B	NA		4.7	Y	Absent		DISSGAS(14)
L2363190-04E	20ml Vial HCl preserved	B	NA		4.7	Y	Absent		DISSGAS(14)
L2363190-04F	Vial unpreserved 20ml	B	NA		4.7	Y	Absent		DISSGAS-CO2(7)
L2363190-04G	Vial unpreserved 20ml	B	NA		4.7	Y	Absent		DISSGAS-CO2(7)
L2363190-04H	Vial H2SO4 preserved	B	NA		4.7	Y	Absent		TOC-9060(28)
L2363190-04J	Vial H2SO4 preserved	B	NA		4.7	Y	Absent		TOC-9060(28)
L2363190-04K	Plastic 250ml unpreserved	B	7	7	4.7	Y	Absent		SO4-300(28),CL-300(28),NO3-353(2)
L2363190-04L	Plastic 250ml unpreserved/No Headspace	B	NA		4.7	Y	Absent		ALK-T-2320(14)
L2363190-04M	Plastic 250ml HNO3 preserved	B	<2	<2	4.7	Y	Absent		FE-6020T(180),BA-6020T(180),SE-6020T(180),CR-6020T(180),PB-6020T(180),AS-6020T(180),CD-6020T(180),AG-6020T(180),HG-T(28)
L2363190-04N	Plastic 250ml Zn Acetate/NaOH preserved	B	>9	>9	4.7	Y	Absent		SULFIDE-4500(7)
L2363190-04P	Plastic 250ml Zn Acetate/NaOH preserved	B	>9	>9	4.7	Y	Absent		SULFIDE-4500(7)
L2363190-05A	Vial HCl preserved	B	NA		4.7	Y	Absent		NYTCL-8260-R2(14)
L2363190-05B	Vial HCl preserved	B	NA		4.7	Y	Absent		NYTCL-8260-R2(14)
L2363190-05C	Vial HCl preserved	B	NA		4.7	Y	Absent		NYTCL-8260-R2(14)
L2363190-05D	20ml Vial HCl preserved	B	NA		4.7	Y	Absent		DISSGAS(14)
L2363190-05E	20ml Vial HCl preserved	B	NA		4.7	Y	Absent		DISSGAS(14)
L2363190-05F	Vial unpreserved 20ml	B	NA		4.7	Y	Absent		DISSGAS-CO2(7)
L2363190-05G	Vial unpreserved 20ml	B	NA		4.7	Y	Absent		DISSGAS-CO2(7)
L2363190-05H	Vial H2SO4 preserved	B	NA		4.7	Y	Absent		TOC-9060(28)
L2363190-05J	Vial H2SO4 preserved	B	NA		4.7	Y	Absent		TOC-9060(28)
L2363190-05K	Plastic 250ml unpreserved	B	7	7	4.7	Y	Absent		SO4-300(28),CL-300(28),NO3-353(2)
L2363190-05L	Plastic 250ml unpreserved/No Headspace	B	NA		4.7	Y	Absent		ALK-T-2320(14)
L2363190-05M	Plastic 250ml HNO3 preserved	B	<2	<2	4.7	Y	Absent		BA-6020T(180),SE-6020T(180),FE-6020T(180),CR-6020T(180),PB-6020T(180),AS-6020T(180),CD-6020T(180),AG-6020T(180),HG-T(28)
L2363190-05N	Plastic 250ml Zn Acetate/NaOH preserved	B	>9	>9	4.7	Y	Absent		SULFIDE-4500(7)

Project Name: FORMER COYNE TEXTILE**Lab Number:** L2363190**Project Number:** 059294.001**Report Date:** 12/05/23**Container Information**

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2363190-05P	Plastic 250ml Zn Acetate/NaOH preserved	B	>9	>9	4.7	Y	Absent		SULFIDE-4500(7)
L2363190-06A	Vial HCl preserved	B	NA		4.7	Y	Absent		NYTCL-8260-R2(14)
L2363190-06B	Vial HCl preserved	B	NA		4.7	Y	Absent		NYTCL-8260-R2(14)
L2363190-06C	Vial HCl preserved	B	NA		4.7	Y	Absent		NYTCL-8260-R2(14)
L2363190-06D	20ml Vial HCl preserved	A	NA		4.4	Y	Absent		DISSGAS(14)
L2363190-06E	20ml Vial HCl preserved	A	NA		4.4	Y	Absent		DISSGAS(14)
L2363190-06F	Vial unpreserved 20ml	A	NA		4.4	Y	Absent		DISSGAS-CO2(7)
L2363190-06G	Vial unpreserved 20ml	A	NA		4.4	Y	Absent		DISSGAS-CO2(7)
L2363190-06H	Vial H2SO4 preserved	A	NA		4.4	Y	Absent		TOC-9060(28)
L2363190-06J	Vial H2SO4 preserved	A	NA		4.4	Y	Absent		TOC-9060(28)
L2363190-06K	Plastic 250ml unpreserved	A	7	7	4.4	Y	Absent		SO4-300(28),CL-300(28),NO3-353(2)
L2363190-06L	Plastic 250ml unpreserved/No Headspace	A	NA		4.4	Y	Absent		ALK-T-2320(14)
L2363190-06M	Plastic 250ml HNO3 preserved	A	<2	<2	4.4	Y	Absent		FE-6020T(180),BA-6020T(180),SE-6020T(180),CR-6020T(180),PB-6020T(180),AS-6020T(180),AG-6020T(180),HG-T(28),CD-6020T(180)
L2363190-06N	Plastic 250ml Zn Acetate/NaOH preserved	A	>9	>9	4.4	Y	Absent		SULFIDE-4500(7)
L2363190-06P	Plastic 250ml Zn Acetate/NaOH preserved	A	>9	>9	4.4	Y	Absent		SULFIDE-4500(7)
L2363190-07A	Vial HCl preserved	B	NA		4.7	Y	Absent		NYTCL-8260-R2(14)
L2363190-07B	Vial HCl preserved	B	NA		4.7	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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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.
- 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, Azobenzene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.

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

SM4500: NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO₂, NO₃.

Mansfield Facility

SM 2540D: TSS.

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

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

Biological Tissue Matrix: EPA 3050B

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

Westborough Facility:

Drinking Water

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

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

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

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

Non-Potable Water

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

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

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

EPA 624.1: Volatile Halocarbons & Aromatics,

EPA 608.3: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs

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

Microbiology: SM9223B-Colilert-QT; Enterolert-QT, SM9221E, EPA 1600, EPA 1603, SM9222D.

Mansfield Facility:

Drinking Water

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

EPA 522, EPA 537.1.

Non-Potable Water


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

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

EPA 245.1 Hg.

SM2340B

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

	NEW YORK CHAIN OF CUSTODY Westborough, MA 01581 8 Walkup Dr. TEL: 508-898-9220 FAX: 508-898-9193 Mansfield, MA 02048 370 Forbes Blvd TEL: 508-822-9300 FAX: 508-822-3288	Service Centers Mahwah, NJ 07430: 35 Whitney Rd, Suite 5 Albany, NY 12205: 14 Walker Way Tonawanda, NY 14150: 275 Cooper Ave, Suite 105		Page of	Date Rec'd in Lab 10/25/23	ALPHA Job # L2363190																																																																																																																																																					
		Project Information Project Name: Former Game Textile Project Location: Syracuse NY Project # 059294.001 (Use Project name as Project #) <input type="checkbox"/>		Deliverables: <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		Billing Information <input type="checkbox"/> Same as Client Info PO # Will email																																																																																																																																																					
Client Information Client: CHA Consulting Address: 300 S. State St. Suite 600 Syracuse NY 13202 Phone: 315-257-7250 Fax: Email: kehmanne@chasolutions.com		Project Manager: Sam Miller ALPHAQuote #: Turn-Around Time: Standard <input checked="" type="checkbox"/> Rush (only if pre approved) <input type="checkbox"/> Due Date: # of Days:		Regulatory Requirement <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		Disposal Site Information 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.		<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">TCL VOL 8000</th> <th rowspan="2">Total METALS</th> <th rowspan="2">Sulfide 4500</th> <th rowspan="2">SO4/Cl/NO3</th> <th rowspan="2">ALK-T 2320</th> <th rowspan="2">Diss GAs CO2</th> <th rowspan="2">Diss GAs</th> <th rowspan="2">TOL</th> <th rowspan="2">Sample Specific Comments</th> </tr> <tr> <th>Date</th> <th>Time</th> </tr> </thead> <tbody> <tr> <td>103190 -01</td> <td>MW-7R-20231024</td> <td>10/24/23</td> <td>0945</td> <td>GLW</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> </tr> <tr> <td>-02</td> <td>MW-6R-20231024</td> <td></td> <td>1120</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>-03</td> <td>MW-5R-20231024</td> <td></td> <td>1220</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>MS/MSD Sampled here</td> </tr> <tr> <td>-04</td> <td>MW-4-20231024</td> <td></td> <td>1430</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>-05</td> <td>MW-105D-20231024</td> <td></td> <td>1545</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>-06</td> <td>CHA-1-20231024</td> <td></td> <td>0900</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>-03</td> <td>MS-20231024</td> <td></td> <td>1220</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>-03</td> <td>MSD-20231024</td> <td></td> <td>1220</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>-07</td> <td>Trip BLANK-20231024</td> <td></td> <td>-</td> <td>LAB</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	TCL VOL 8000	Total METALS	Sulfide 4500	SO4/Cl/NO3	ALK-T 2320	Diss GAs CO2	Diss GAs	TOL	Sample Specific Comments	Date	Time	103190 -01	MW-7R-20231024	10/24/23	0945	GLW	KE/AH	X	X	X	X	X	X	X	X		-02	MW-6R-20231024		1120			X	X	X	X	X	X	X	X		-03	MW-5R-20231024		1220			X	X	X	X	X	X	X	X	MS/MSD Sampled here	-04	MW-4-20231024		1430			X	X	X	X	X	X	X	X		-05	MW-105D-20231024		1545			X	X	X	X	X	X	X	X		-06	CHA-1-20231024		0900			X	X	X	X	X	X	X	X		-03	MS-20231024		1220			X	X	X	X	X	X	X	X		-03	MSD-20231024		1220			X	X	X	X	X	X	X	X		-07	Trip BLANK-20231024		-	LAB		X								
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-06	CHA-1-20231024		0900			X	X	X	X	X	X	X	X																																																																																																																																														
-03	MS-20231024		1220			X	X	X	X	X	X	X	X																																																																																																																																														
-03	MSD-20231024		1220			X	X	X	X	X	X	X	X																																																																																																																																														
-07	Trip BLANK-20231024		-	LAB		X																																																																																																																																																					
Preservative Code: A = None B = HCl C = HNO ₃ D = H ₂ SO ₄ E = NaOH F = MeOH G = NaHSO ₄ H = Na ₂ S ₂ O ₈ K/E = Zn Ac/NaOH O = Other		Container Code P = Plastic A = Amber Glass V = Vial G = Glass B = Bacteria Cup C = Cube O = Other E = Encore D = BOD Bottle		Westboro: Certification No: MA935 Mansfield: Certification No: MA015		Container Type: V P P P P V V V Preservative: B C K/E A A A B D		Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS. (See reverse side.)																																																																																																																																																			
Relinquished By: [Signature] [Signature] [Signature]		Date/Time 10/24/23 1710 10/24/23 1715 10/24/23 1715		Received By: [Signature] [Signature] [Signature]		Date/Time 10/24/23 1715 10/24/23 1715 10/25/23 0100																																																																																																																																																					



ANALYTICAL REPORT

Lab Number:	L2415362
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/FORMER COYNE TEXT
Project Number:	059294.003
Report Date:	04/04/24

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Certifications & Approvals: MA (M-MA086), NH NELAP (2064), CT (PH-0826), IL (200077), IN (C-MA-03), KY (KY98045), ME (MA00086), MD (348), NJ (MA935), NY (11148), NC (25700/666), OH (CL108), OR (MA-1316), PA (68-03671), RI (LAO00065), TX (T104704476), VT (VT-0935), VA (460195), USDA (Permit #525-23-122-91930).

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



Project Name: JMA WIRELESS/FORMER COYNE TEXT
Project Number: 059294.003

Lab Number: L2415362
Report Date: 04/04/24

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2415362-01	MW-105D-20240320	WATER	SYRACUSE, NY	03/20/24 09:30	03/21/24
L2415362-02	MW-5R-20240320	WATER	SYRACUSE, NY	03/20/24 11:30	03/21/24
L2415362-03	MW-6R-20240320	WATER	SYRACUSE, NY	03/20/24 13:10	03/21/24
L2415362-04	MW-7R-20240320	WATER	SYRACUSE, NY	03/20/24 14:45	03/21/24
L2415362-05	CHA-1-20240320	WATER	SYRACUSE, NY	03/20/24 09:00	03/21/24
L2415362-06	MW-4-20240320	WATER	SYRACUSE, NY	03/21/24 08:20	03/21/24
L2415362-07	TRIP BLANK	WATER	SYRACUSE, NY	03/20/24 00:00	03/21/24

Project Name: JMA WIRELESS/FORMER COYNE TEXT
Project Number: 059294.003

Lab Number: L2415362
Report Date: 04/04/24

Case Narrative

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

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

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

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

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

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

Project Name: JMA WIRELESS/FORMER COYNE TEXT
Project Number: 059294.003

Lab Number: L2415362
Report Date: 04/04/24

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 analysis of Dissolved Gases was 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 WG1900851-4 MS recovery, performed on L2415362-01, is outside the acceptance criteria for carbon dioxide (133%). The unacceptable percent recovery is attributed to the elevated concentration of target compound present in the native sample.

Sulfide

The WG1900702-4 MS recovery, performed on L2415362-01, is outside the acceptance criteria for sulfide (57%); 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: 04/04/24

ORGANICS

VOLATILES

Project Name: JMA WIRELESS/FORMER COYNE TEXT
Project Number: 059294.003

Lab Number: L2415362
Report Date: 04/04/24

SAMPLE RESULTS

Lab ID: L2415362-01
 Client ID: MW-105D-20240320
 Sample Location: SYRACUSE, NY

Date Collected: 03/20/24 09:30
 Date Received: 03/21/24
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 1,8260D
 Analytical Date: 03/31/24 18:54
 Analyst: MAG

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	6.4		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/FORMER COYNE TEXT
Project Number: 059294.003

Lab Number: L2415362
Report Date: 04/04/24

SAMPLE RESULTS

Lab ID: L2415362-01
 Client ID: MW-105D-20240320
 Sample Location: SYRACUSE, NY

Date Collected: 03/20/24 09:30
 Date Received: 03/21/24
 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	0.70	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl Acetate	ND		ug/l	2.0	0.23	1
Cyclohexane	ND		ug/l	10	0.27	1
1,4-Dioxane	ND		ug/l	250	61.	1
Freon-113	ND		ug/l	2.5	0.70	1
Methyl cyclohexane	ND		ug/l	10	0.40	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	116		70-130
Toluene-d8	104		70-130
4-Bromofluorobenzene	94		70-130
Dibromofluoromethane	105		70-130

Project Name: JMA WIRELESS/FORMER COYNE TEXT**Lab Number:** L2415362**Project Number:** 059294.003**Report Date:** 04/04/24**SAMPLE RESULTS**

Lab ID: L2415362-01
 Client ID: MW-105D-20240320
 Sample Location: SYRACUSE, NY

Date Collected: 03/20/24 09:30
 Date Received: 03/21/24
 Field Prep: Not Specified

Sample Depth:

Matrix: Water

Analytical Method: 117,-

Analytical Date: 03/26/24 09:52

Analyst: SRO

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Dissolved Gases by GC - Mansfield Lab						
Carbon Dioxide	58.7		mg/l	3.00	3.00	1

Project Name: JMA WIRELESS/FORMER COYNE TEXT
Project Number: 059294.003

Lab Number: L2415362
Report Date: 04/04/24

SAMPLE RESULTS

Lab ID: L2415362-02
 Client ID: MW-5R-20240320
 Sample Location: SYRACUSE, NY

Date Collected: 03/20/24 11:30
 Date Received: 03/21/24
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 1,8260D
 Analytical Date: 03/31/24 19:19
 Analyst: MAG

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	74		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	0.88		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	190		ug/l	1.0	0.07	1
Chloroethane	1.2	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	13		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1

Project Name: JMA WIRELESS/FORMER COYNE TEXT
Project Number: 059294.003

Lab Number: L2415362
Report Date: 04/04/24

SAMPLE RESULTS

Lab ID: L2415362-02
Client ID: MW-5R-20240320
Sample Location: SYRACUSE, NY

Date Collected: 03/20/24 11:30
Date Received: 03/21/24
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	0.70	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	27		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	109		70-130
Toluene-d8	104		70-130
4-Bromofluorobenzene	95		70-130
Dibromofluoromethane	105		70-130

Project Name: JMA WIRELESS/FORMER COYNE TEXT**Lab Number:** L2415362**Project Number:** 059294.003**Report Date:** 04/04/24**SAMPLE RESULTS**

Lab ID: L2415362-02
 Client ID: MW-5R-20240320
 Sample Location: SYRACUSE, NY

Date Collected: 03/20/24 11:30
 Date Received: 03/21/24
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 117,-
 Analytical Date: 03/26/24 11:00
 Analyst: SRO

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Dissolved Gases by GC - Mansfield Lab						
Carbon Dioxide	29.1		mg/l	3.00	3.00	1

Project Name: JMA WIRELESS/FORMER COYNE TEXT**Lab Number:** L2415362**Project Number:** 059294.003**Report Date:** 04/04/24**SAMPLE RESULTS**

Lab ID: L2415362-03
 Client ID: MW-6R-20240320
 Sample Location: SYRACUSE, NY

Date Collected: 03/20/24 13:10
 Date Received: 03/21/24
 Field Prep: Not Specified

Sample Depth:

Matrix: Water

Analytical Method: 117,-

Analytical Date: 03/26/24 11:18

Analyst: SRO

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Dissolved Gases by GC - Mansfield Lab						
Carbon Dioxide	58.7		mg/l	3.00	3.00	1

Project Name: JMA WIRELESS/FORMER COYNE TEXT
Project Number: 059294.003

Lab Number: L2415362
Report Date: 04/04/24

SAMPLE RESULTS

Lab ID: L2415362-03 D2
 Client ID: MW-6R-20240320
 Sample Location: SYRACUSE, NY

Date Collected: 03/20/24 13:10
 Date Received: 03/21/24
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 1,8260D
 Analytical Date: 04/02/24 14:22
 Analyst: MAG

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Volatile Organics by GC/MS - Westborough Lab						
Vinyl chloride	1400		ug/l	10	0.71	10

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	100		70-130
Toluene-d8	97		70-130
4-Bromofluorobenzene	99		70-130
Dibromofluoromethane	105		70-130

Project Name: JMA WIRELESS/FORMER COYNE TEXT
Project Number: 059294.003

Lab Number: L2415362
Report Date: 04/04/24

SAMPLE RESULTS

Lab ID: L2415362-03 D
 Client ID: MW-6R-20240320
 Sample Location: SYRACUSE, NY

Date Collected: 03/20/24 13:10
 Date Received: 03/21/24
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 1,8260D
 Analytical Date: 03/31/24 19:43
 Analyst: MAG

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	10	2.8	4
1,1-Dichloroethane	ND		ug/l	10	2.8	4
Chloroform	ND		ug/l	10	2.8	4
Carbon tetrachloride	ND		ug/l	2.0	0.54	4
1,2-Dichloropropane	ND		ug/l	4.0	0.55	4
Dibromochloromethane	ND		ug/l	2.0	0.60	4
1,1,2-Trichloroethane	ND		ug/l	6.0	2.0	4
Tetrachloroethene	9.0		ug/l	2.0	0.72	4
Chlorobenzene	ND		ug/l	10	2.8	4
Trichlorofluoromethane	ND		ug/l	10	2.8	4
1,2-Dichloroethane	ND		ug/l	2.0	0.53	4
1,1,1-Trichloroethane	ND		ug/l	10	2.8	4
Bromodichloromethane	ND		ug/l	2.0	0.77	4
trans-1,3-Dichloropropene	ND		ug/l	2.0	0.66	4
cis-1,3-Dichloropropene	ND		ug/l	2.0	0.58	4
Bromoform	ND		ug/l	8.0	2.6	4
1,1,2,2-Tetrachloroethane	ND		ug/l	2.0	0.67	4
Benzene	1.2	J	ug/l	2.0	0.64	4
Toluene	ND		ug/l	10	2.8	4
Ethylbenzene	ND		ug/l	10	2.8	4
Chloromethane	ND		ug/l	10	2.8	4
Bromomethane	ND		ug/l	10	2.8	4
Vinyl chloride	1300	E	ug/l	4.0	0.28	4
Chloroethane	ND		ug/l	10	2.8	4
1,1-Dichloroethene	0.74	J	ug/l	2.0	0.68	4
trans-1,2-Dichloroethene	3.3	J	ug/l	10	2.8	4
Trichloroethene	11		ug/l	2.0	0.70	4
1,2-Dichlorobenzene	ND		ug/l	10	2.8	4

Project Name: JMA WIRELESS/FORMER COYNE TEXT
Project Number: 059294.003

Lab Number: L2415362
Report Date: 04/04/24

SAMPLE RESULTS

Lab ID: L2415362-03 D
 Client ID: MW-6R-20240320
 Sample Location: SYRACUSE, NY

Date Collected: 03/20/24 13:10
 Date Received: 03/21/24
 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	10	2.8	4
1,4-Dichlorobenzene	ND		ug/l	10	2.8	4
Methyl tert butyl ether	ND		ug/l	10	2.8	4
p/m-Xylene	ND		ug/l	10	2.8	4
o-Xylene	ND		ug/l	10	2.8	4
cis-1,2-Dichloroethene	400		ug/l	10	2.8	4
Styrene	ND		ug/l	10	2.8	4
Dichlorodifluoromethane	ND		ug/l	20	4.0	4
Acetone	ND		ug/l	20	5.8	4
Carbon disulfide	ND		ug/l	20	4.0	4
2-Butanone	ND		ug/l	20	7.8	4
4-Methyl-2-pentanone	ND		ug/l	20	4.0	4
2-Hexanone	ND		ug/l	20	4.0	4
Bromochloromethane	ND		ug/l	10	2.8	4
1,2-Dibromoethane	ND		ug/l	8.0	2.6	4
1,2-Dibromo-3-chloropropane	ND		ug/l	10	2.8	4
Isopropylbenzene	ND		ug/l	10	2.8	4
1,2,3-Trichlorobenzene	ND		ug/l	10	2.8	4
1,2,4-Trichlorobenzene	ND		ug/l	10	2.8	4
Methyl Acetate	ND		ug/l	8.0	0.94	4
Cyclohexane	ND		ug/l	40	1.1	4
1,4-Dioxane	ND		ug/l	1000	240	4
Freon-113	ND		ug/l	10	2.8	4
Methyl cyclohexane	ND		ug/l	40	1.6	4

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	116		70-130
Toluene-d8	103		70-130
4-Bromofluorobenzene	95		70-130
Dibromofluoromethane	108		70-130

Project Name: JMA WIRELESS/FORMER COYNE TEXT**Lab Number:** L2415362**Project Number:** 059294.003**Report Date:** 04/04/24**SAMPLE RESULTS**

Lab ID: L2415362-04
 Client ID: MW-7R-20240320
 Sample Location: SYRACUSE, NY

Date Collected: 03/20/24 14:45
 Date Received: 03/21/24
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 117,-
 Analytical Date: 03/26/24 11:36
 Analyst: SRO

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Dissolved Gases by GC - Mansfield Lab						
Carbon Dioxide	61.6		mg/l	3.00	3.00	1

Project Name: JMA WIRELESS/FORMER COYNE TEXT
Project Number: 059294.003

Lab Number: L2415362
Report Date: 04/04/24

SAMPLE RESULTS

Lab ID: L2415362-04 D
 Client ID: MW-7R-20240320
 Sample Location: SYRACUSE, NY

Date Collected: 03/20/24 14:45
 Date Received: 03/21/24
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 1,8260D
 Analytical Date: 03/30/24 13:31
 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	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	370		ug/l	10	0.71	10
Chloroethane	ND		ug/l	25	7.0	10
1,1-Dichloroethene	3.7	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/FORMER COYNE TEXT
Project Number: 059294.003

Lab Number: L2415362
Report Date: 04/04/24

SAMPLE RESULTS

Lab ID: L2415362-04 D
 Client ID: MW-7R-20240320
 Sample Location: SYRACUSE, NY

Date Collected: 03/20/24 14:45
 Date Received: 03/21/24
 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	25	7.0	10
1,4-Dichlorobenzene	ND		ug/l	25	7.0	10
Methyl tert butyl ether	ND		ug/l	25	7.0	10
p/m-Xylene	ND		ug/l	25	7.0	10
o-Xylene	ND		ug/l	25	7.0	10
cis-1,2-Dichloroethene	820		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	108		70-130
Toluene-d8	105		70-130
4-Bromofluorobenzene	95		70-130
Dibromofluoromethane	104		70-130

Project Name: JMA WIRELESS/FORMER COYNE TEXT
Project Number: 059294.003

Lab Number: L2415362
Report Date: 04/04/24

SAMPLE RESULTS

Lab ID: L2415362-05
 Client ID: CHA-1-20240320
 Sample Location: SYRACUSE, NY

Date Collected: 03/20/24 09:00
 Date Received: 03/21/24
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 1,8260D
 Analytical Date: 03/30/24 13:56
 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	61		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	0.89		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	1.5	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/FORMER COYNE TEXT
Project Number: 059294.003

Lab Number: L2415362
Report Date: 04/04/24

SAMPLE RESULTS

Lab ID: L2415362-05
Client ID: CHA-1-20240320
Sample Location: SYRACUSE, NY

Date Collected: 03/20/24 09:00
Date Received: 03/21/24
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	0.70	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	24		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	106		70-130
Toluene-d8	105		70-130
4-Bromofluorobenzene	94		70-130
Dibromofluoromethane	100		70-130

Project Name: JMA WIRELESS/FORMER COYNE TEXT**Lab Number:** L2415362**Project Number:** 059294.003**Report Date:** 04/04/24**SAMPLE RESULTS**

Lab ID: L2415362-05
 Client ID: CHA-1-20240320
 Sample Location: SYRACUSE, NY

Date Collected: 03/20/24 09:00
 Date Received: 03/21/24
 Field Prep: Not Specified

Sample Depth:

Matrix: Water

Analytical Method: 117,-

Analytical Date: 03/26/24 11:53

Analyst: SRO

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Dissolved Gases by GC - Mansfield Lab						
Carbon Dioxide	27.6		mg/l	3.00	3.00	1

Project Name: JMA WIRELESS/FORMER COYNE TEXT
Project Number: 059294.003

Lab Number: L2415362
Report Date: 04/04/24

SAMPLE RESULTS

Lab ID: L2415362-06
 Client ID: MW-4-20240320
 Sample Location: SYRACUSE, NY

Date Collected: 03/21/24 08:20
 Date Received: 03/21/24
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 1,8260D
 Analytical Date: 03/28/24 08:58
 Analyst: MCM

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	0.59		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	0.18	J	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/FORMER COYNE TEXT
Project Number: 059294.003

Lab Number: L2415362
Report Date: 04/04/24

SAMPLE RESULTS

Lab ID: L2415362-06
Client ID: MW-4-20240320
Sample Location: SYRACUSE, NY

Date Collected: 03/21/24 08:20
Date Received: 03/21/24
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	0.70	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	74		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	92		70-130
4-Bromofluorobenzene	88		70-130
Dibromofluoromethane	124		70-130

Project Name: JMA WIRELESS/FORMER COYNE TEXT**Lab Number:** L2415362**Project Number:** 059294.003**Report Date:** 04/04/24**SAMPLE RESULTS**

Lab ID: L2415362-06
 Client ID: MW-4-20240320
 Sample Location: SYRACUSE, NY

Date Collected: 03/21/24 08:20
 Date Received: 03/21/24
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 117,-
 Analytical Date: 03/26/24 12:54
 Analyst: SRO

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Dissolved Gases by GC - Mansfield Lab						
Carbon Dioxide	52.4		mg/l	3.00	3.00	1

Project Name: JMA WIRELESS/FORMER COYNE TEXT
Project Number: 059294.003

Lab Number: L2415362
Report Date: 04/04/24

SAMPLE RESULTS

Lab ID: L2415362-07
Client ID: TRIP BLANK
Sample Location: SYRACUSE, NY

Date Collected: 03/20/24 00:00
Date Received: 03/21/24
Field Prep: Not Specified

Sample Depth:

Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 03/28/24 08:12
Analyst: MCM

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/FORMER COYNE TEXT
Project Number: 059294.003

Lab Number: L2415362
Report Date: 04/04/24

SAMPLE RESULTS

Lab ID: L2415362-07
Client ID: TRIP BLANK
Sample Location: SYRACUSE, NY

Date Collected: 03/20/24 00:00
Date Received: 03/21/24
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	0.70	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl Acetate	ND		ug/l	2.0	0.23	1
Cyclohexane	ND		ug/l	10	0.27	1
1,4-Dioxane	ND		ug/l	250	61.	1
Freon-113	ND		ug/l	2.5	0.70	1
Methyl cyclohexane	ND		ug/l	10	0.40	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	112		70-130
Toluene-d8	94		70-130
4-Bromofluorobenzene	84		70-130
Dibromofluoromethane	123		70-130

Project Name: JMA WIRELESS/FORMER COYNE TEXT
Project Number: 059294.003

Lab Number: L2415362
Report Date: 04/04/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 117,-
Analytical Date: 03/26/24 09:26
Analyst: SRO

Parameter	Result	Qualifier	Units	RL	MDL
Dissolved Gases by GC - Mansfield Lab for sample(s): 01-06 Batch: WG1900851-3					
Carbon Dioxide	ND		mg/l	3.00	3.00

Project Name: JMA WIRELESS/FORMER COYNE TEXT
Project Number: 059294.003

Lab Number: L2415362
Report Date: 04/04/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 03/28/24 05:09
Analyst: MCM

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 06-07 Batch: WG1901939-5					
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/FORMER COYNE TEXT
Project Number: 059294.003

Lab Number: L2415362
Report Date: 04/04/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 03/28/24 05:09
Analyst: MCM

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 06-07 Batch: WG1901939-5					
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70
Methyl tert butyl ether	ND		ug/l	2.5	0.70
p/m-Xylene	ND		ug/l	2.5	0.70
o-Xylene	ND		ug/l	2.5	0.70
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70
Styrene	ND		ug/l	2.5	0.70
Dichlorodifluoromethane	ND		ug/l	5.0	1.0
Acetone	ND		ug/l	5.0	1.5
Carbon disulfide	ND		ug/l	5.0	1.0
2-Butanone	ND		ug/l	5.0	1.9
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0
2-Hexanone	ND		ug/l	5.0	1.0
Bromochloromethane	ND		ug/l	2.5	0.70
1,2-Dibromoethane	ND		ug/l	2.0	0.65
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70
Isopropylbenzene	ND		ug/l	2.5	0.70
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70
Methyl Acetate	ND		ug/l	2.0	0.23
Cyclohexane	ND		ug/l	10	0.27
1,4-Dioxane	ND		ug/l	250	61.
Freon-113	ND		ug/l	2.5	0.70
Methyl cyclohexane	ND		ug/l	10	0.40

Project Name: JMA WIRELESS/FORMER COYNE TEXT
Project Number: 059294.003

Lab Number: L2415362
Report Date: 04/04/24

**Method Blank Analysis
Batch Quality Control**

Analytical Method: 1,8260D
Analytical Date: 03/28/24 05:09
Analyst: MCM

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 06-07 Batch: WG1901939-5					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	106		70-130
Toluene-d8	96		70-130
4-Bromofluorobenzene	88		70-130
Dibromofluoromethane	114		70-130

Project Name: JMA WIRELESS/FORMER COYNE TEXT
Project Number: 059294.003

Lab Number: L2415362
Report Date: 04/04/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 03/30/24 10:15
Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 04-05 Batch: WG1903428-5					
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/FORMER COYNE TEXT
Project Number: 059294.003

Lab Number: L2415362
Report Date: 04/04/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 03/30/24 10:15
Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 04-05 Batch: WG1903428-5					
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70
Methyl tert butyl ether	ND		ug/l	2.5	0.70
p/m-Xylene	ND		ug/l	2.5	0.70
o-Xylene	ND		ug/l	2.5	0.70
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70
Styrene	ND		ug/l	2.5	0.70
Dichlorodifluoromethane	ND		ug/l	5.0	1.0
Acetone	ND		ug/l	5.0	1.5
Carbon disulfide	ND		ug/l	5.0	1.0
2-Butanone	ND		ug/l	5.0	1.9
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0
2-Hexanone	ND		ug/l	5.0	1.0
Bromochloromethane	ND		ug/l	2.5	0.70
1,2-Dibromoethane	ND		ug/l	2.0	0.65
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70
Isopropylbenzene	ND		ug/l	2.5	0.70
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70
Methyl Acetate	ND		ug/l	2.0	0.23
Cyclohexane	ND		ug/l	10	0.27
1,4-Dioxane	ND		ug/l	250	61.
Freon-113	ND		ug/l	2.5	0.70
Methyl cyclohexane	ND		ug/l	10	0.40

Project Name: JMA WIRELESS/FORMER COYNE TEXT
Project Number: 059294.003

Lab Number: L2415362
Report Date: 04/04/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 03/30/24 10:15
Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 04-05 Batch: WG1903428-5					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	107		70-130
Toluene-d8	105		70-130
4-Bromofluorobenzene	96		70-130
Dibromofluoromethane	107		70-130

Project Name: JMA WIRELESS/FORMER COYNE TEXT
Project Number: 059294.003

Lab Number: L2415362
Report Date: 04/04/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 03/31/24 15:36
Analyst: MAG

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-03 Batch: WG1903646-5					
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/FORMER COYNE TEXT
Project Number: 059294.003

Lab Number: L2415362
Report Date: 04/04/24

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 03/31/24 15:36
Analyst: MAG

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-03 Batch: WG1903646-5					
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70
Methyl tert butyl ether	ND		ug/l	2.5	0.70
p/m-Xylene	ND		ug/l	2.5	0.70
o-Xylene	ND		ug/l	2.5	0.70
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70
Styrene	ND		ug/l	2.5	0.70
Dichlorodifluoromethane	ND		ug/l	5.0	1.0
Acetone	ND		ug/l	5.0	1.5
Carbon disulfide	ND		ug/l	5.0	1.0
2-Butanone	ND		ug/l	5.0	1.9
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0
2-Hexanone	ND		ug/l	5.0	1.0
Bromochloromethane	ND		ug/l	2.5	0.70
1,2-Dibromoethane	ND		ug/l	2.0	0.65
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70
Isopropylbenzene	ND		ug/l	2.5	0.70
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70
Methyl Acetate	ND		ug/l	2.0	0.23
Cyclohexane	ND		ug/l	10	0.27
1,4-Dioxane	ND		ug/l	250	61.
Freon-113	ND		ug/l	2.5	0.70
Methyl cyclohexane	ND		ug/l	10	0.40

Project Name: JMA WIRELESS/FORMER COYNE TEXT
Project Number: 059294.003

Lab Number: L2415362
Report Date: 04/04/24

**Method Blank Analysis
 Batch Quality Control**

Analytical Method: 1,8260D
 Analytical Date: 03/31/24 15:36
 Analyst: MAG

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-03 Batch: WG1903646-5					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	113		70-130
Toluene-d8	104		70-130
4-Bromofluorobenzene	97		70-130
Dibromofluoromethane	107		70-130

Project Name: JMA WIRELESS/FORMER COYNE TEXT
Project Number: 059294.003

Lab Number: L2415362
Report Date: 04/04/24

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 04/02/24 11:42
Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 03 Batch: WG1904150-5					
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/FORMER COYNE TEXT
Project Number: 059294.003

Lab Number: L2415362
Report Date: 04/04/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 04/02/24 11:42
Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 03 Batch: WG1904150-5					
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70
Methyl tert butyl ether	ND		ug/l	2.5	0.70
p/m-Xylene	ND		ug/l	2.5	0.70
o-Xylene	ND		ug/l	2.5	0.70
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70
Styrene	ND		ug/l	2.5	0.70
Dichlorodifluoromethane	ND		ug/l	5.0	1.0
Acetone	ND		ug/l	5.0	1.5
Carbon disulfide	ND		ug/l	5.0	1.0
2-Butanone	ND		ug/l	5.0	1.9
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0
2-Hexanone	ND		ug/l	5.0	1.0
Bromochloromethane	ND		ug/l	2.5	0.70
1,2-Dibromoethane	ND		ug/l	2.0	0.65
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70
Isopropylbenzene	ND		ug/l	2.5	0.70
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70
Methyl Acetate	ND		ug/l	2.0	0.23
Cyclohexane	ND		ug/l	10	0.27
1,4-Dioxane	ND		ug/l	250	61.
Freon-113	ND		ug/l	2.5	0.70
Methyl cyclohexane	ND		ug/l	10	0.40

Project Name: JMA WIRELESS/FORMER COYNE TEXT
Project Number: 059294.003

Lab Number: L2415362
Report Date: 04/04/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 04/02/24 11:42
Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 03 Batch: WG1904150-5					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	99		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	102		70-130
Dibromofluoromethane	101		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: JMA WIRELESS/FORMER COYNE TEXT
Project Number: 059294.003

Lab Number: L2415362
Report Date: 04/04/24

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: WG1900851-2								
Carbon Dioxide	97		-		80-120	-		

Lab Control Sample Analysis

Batch Quality Control

Project Name: JMA WIRELESS/FORMER COYNE TEXT

Lab Number: L2415362

Project Number: 059294.003

Report Date: 04/04/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 06-07 Batch: WG1901939-3 WG1901939-4								
Methylene chloride	120		82		70-130	38	Q	20
1,1-Dichloroethane	110		91		70-130	19		20
Chloroform	110		93		70-130	17		20
Carbon tetrachloride	100		87		63-132	14		20
1,2-Dichloropropane	100		86		70-130	15		20
Dibromochloromethane	100		86		63-130	15		20
1,1,2-Trichloroethane	100		88		70-130	13		20
Tetrachloroethene	110		91		70-130	19		20
Chlorobenzene	110		90		75-130	20		20
Trichlorofluoromethane	110		91		62-150	19		20
1,2-Dichloroethane	100		89		70-130	12		20
1,1,1-Trichloroethane	100		86		67-130	15		20
Bromodichloromethane	100		86		67-130	15		20
trans-1,3-Dichloropropene	94		78		70-130	19		20
cis-1,3-Dichloropropene	97		79		70-130	20		20
Bromoform	93		79		54-136	16		20
1,1,2,2-Tetrachloroethane	97		83		67-130	16		20
Benzene	110		88		70-130	22	Q	20
Toluene	100		87		70-130	14		20
Ethylbenzene	99		82		70-130	19		20
Chloromethane	98		80		64-130	20		20
Bromomethane	100		83		39-139	19		20
Vinyl chloride	100		82		55-140	20		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: JMA WIRELESS/FORMER COYNE TEXT
Project Number: 059294.003

Lab Number: L2415362
Report Date: 04/04/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 06-07 Batch: WG1901939-3 WG1901939-4								
Chloroethane	110		88		55-138	22	Q	20
1,1-Dichloroethene	110		90		61-145	20		20
trans-1,2-Dichloroethene	110		81		70-130	30	Q	20
Trichloroethene	110		89		70-130	21	Q	20
1,2-Dichlorobenzene	100		88		70-130	13		20
1,3-Dichlorobenzene	100		87		70-130	14		20
1,4-Dichlorobenzene	100		87		70-130	14		20
Methyl tert butyl ether	100		76		63-130	27	Q	20
p/m-Xylene	105		90		70-130	15		20
o-Xylene	105		85		70-130	21	Q	20
cis-1,2-Dichloroethene	110		88		70-130	22	Q	20
Styrene	105		90		70-130	15		20
Dichlorodifluoromethane	87		72		36-147	19		20
Acetone	140		91		58-148	42	Q	20
Carbon disulfide	110		86		51-130	24	Q	20
2-Butanone	110		90		63-138	20		20
4-Methyl-2-pentanone	79		68		59-130	15		20
2-Hexanone	80		72		57-130	11		20
Bromochloromethane	120		98		70-130	20		20
1,2-Dibromoethane	100		86		70-130	15		20
1,2-Dibromo-3-chloropropane	92		82		41-144	11		20
Isopropylbenzene	86		73		70-130	16		20
1,2,3-Trichlorobenzene	99		84		70-130	16		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: JMA WIRELESS/FORMER COYNE TEXT
Project Number: 059294.003

Lab Number: L2415362
Report Date: 04/04/24

Parameter	LCS		LCSD		%Recovery Limits	RPD	Qual	RPD Limits
	%Recovery	Qual	%Recovery	Qual				
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 06-07 Batch: WG1901939-3 WG1901939-4								
1,2,4-Trichlorobenzene	93		78		70-130	18		20
Methyl Acetate	120		82		70-130	38	Q	20
Cyclohexane	92		76		70-130	19		20
1,4-Dioxane	152		122		56-162	22	Q	20
Freon-113	120		94		70-130	24	Q	20
Methyl cyclohexane	93		75		70-130	21	Q	20

Surrogate	LCS		LCSD		Acceptance Criteria
	%Recovery	Qual	%Recovery	Qual	
1,2-Dichloroethane-d4	107		105		70-130
Toluene-d8	98		98		70-130
4-Bromofluorobenzene	82		82		70-130
Dibromofluoromethane	109		107		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: JMA WIRELESS/FORMER COYNE TEXT

Lab Number: L2415362

Project Number: 059294.003

Report Date: 04/04/24

Parameter	LCS		LCSD		%Recovery Limits	RPD	Qual	RPD Limits
	%Recovery	Qual	%Recovery	Qual				
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 04-05 Batch: WG1903428-3 WG1903428-4								
Methylene chloride	100		100		70-130	0		20
1,1-Dichloroethane	120		120		70-130	0		20
Chloroform	97		99		70-130	2		20
Carbon tetrachloride	100		100		63-132	0		20
1,2-Dichloropropane	100		110		70-130	10		20
Dibromochloromethane	77		78		63-130	1		20
1,1,2-Trichloroethane	81		80		70-130	1		20
Tetrachloroethene	110		110		70-130	0		20
Chlorobenzene	96		97		75-130	1		20
Trichlorofluoromethane	110		110		62-150	0		20
1,2-Dichloroethane	97		100		70-130	3		20
1,1,1-Trichloroethane	98		100		67-130	2		20
Bromodichloromethane	87		91		67-130	4		20
trans-1,3-Dichloropropene	81		82		70-130	1		20
cis-1,3-Dichloropropene	91		92		70-130	1		20
Bromoform	78		83		54-136	6		20
1,1,2,2-Tetrachloroethane	88		96		67-130	9		20
Benzene	97		110		70-130	13		20
Toluene	100		100		70-130	0		20
Ethylbenzene	100		100		70-130	0		20
Chloromethane	110		110		64-130	0		20
Bromomethane	36	Q	38	Q	39-139	5		20
Vinyl chloride	110		110		55-140	0		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: JMA WIRELESS/FORMER COYNE TEXT
Project Number: 059294.003

Lab Number: L2415362
Report Date: 04/04/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 04-05 Batch: WG1903428-3 WG1903428-4								
Chloroethane	120		110		55-138	9		20
1,1-Dichloroethene	120		110		61-145	9		20
trans-1,2-Dichloroethene	110		110		70-130	0		20
Trichloroethene	89		93		70-130	4		20
1,2-Dichlorobenzene	93		95		70-130	2		20
1,3-Dichlorobenzene	94		97		70-130	3		20
1,4-Dichlorobenzene	93		95		70-130	2		20
Methyl tert butyl ether	90		97		63-130	7		20
p/m-Xylene	100		100		70-130	0		20
o-Xylene	95		95		70-130	0		20
cis-1,2-Dichloroethene	100		100		70-130	0		20
Styrene	95		95		70-130	0		20
Dichlorodifluoromethane	120		110		36-147	9		20
Acetone	100		100		58-148	0		20
Carbon disulfide	120		120		51-130	0		20
2-Butanone	94		98		63-138	4		20
4-Methyl-2-pentanone	86		92		59-130	7		20
2-Hexanone	81		88		57-130	8		20
Bromochloromethane	100		100		70-130	0		20
1,2-Dibromoethane	84		87		70-130	4		20
1,2-Dibromo-3-chloropropane	71		73		41-144	3		20
Isopropylbenzene	100		100		70-130	0		20
1,2,3-Trichlorobenzene	95		100		70-130	5		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: JMA WIRELESS/FORMER COYNE TEXT
Project Number: 059294.003

Lab Number: L2415362
Report Date: 04/04/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 04-05 Batch: WG1903428-3 WG1903428-4								
1,2,4-Trichlorobenzene	99		100		70-130	1		20
Methyl Acetate	110		110		70-130	0		20
Cyclohexane	140	Q	140	Q	70-130	0		20
1,4-Dioxane	104		102		56-162	2		20
Freon-113	120		120		70-130	0		20
Methyl cyclohexane	110		110		70-130	0		20

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	105		107		70-130
Toluene-d8	104		103		70-130
4-Bromofluorobenzene	99		102		70-130
Dibromofluoromethane	102		101		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: JMA WIRELESS/FORMER COYNE TEXT
Project Number: 059294.003

Lab Number: L2415362
Report Date: 04/04/24

Parameter	LCS		LCSD		%Recovery Limits	RPD	Qual	RPD Limits
	%Recovery	Qual	%Recovery	Qual				
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-03 Batch: WG1903646-3 WG1903646-4								
Methylene chloride	100		98		70-130	2		20
1,1-Dichloroethane	120		110		70-130	9		20
Chloroform	98		94		70-130	4		20
Carbon tetrachloride	100		100		63-132	0		20
1,2-Dichloropropane	100		110		70-130	10		20
Dibromochloromethane	79		82		63-130	4		20
1,1,2-Trichloroethane	83		84		70-130	1		20
Tetrachloroethene	110		100		70-130	10		20
Chlorobenzene	94		94		75-130	0		20
Trichlorofluoromethane	120		110		62-150	9		20
1,2-Dichloroethane	100		100		70-130	0		20
1,1,1-Trichloroethane	98		98		67-130	0		20
Bromodichloromethane	88		90		67-130	2		20
trans-1,3-Dichloropropene	83		84		70-130	1		20
cis-1,3-Dichloropropene	92		93		70-130	1		20
Bromoform	82		82		54-136	0		20
1,1,2,2-Tetrachloroethane	92		98		67-130	6		20
Benzene	100		100		70-130	0		20
Toluene	98		97		70-130	1		20
Ethylbenzene	98		99		70-130	1		20
Chloromethane	120		100		64-130	18		20
Bromomethane	35	Q	34	Q	39-139	3		20
Vinyl chloride	110		100		55-140	10		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: JMA WIRELESS/FORMER COYNE TEXT
Project Number: 059294.003

Lab Number: L2415362
Report Date: 04/04/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-03 Batch: WG1903646-3 WG1903646-4								
Chloroethane	110		100		55-138	10		20
1,1-Dichloroethene	110		100		61-145	10		20
trans-1,2-Dichloroethene	100		100		70-130	0		20
Trichloroethene	90		90		70-130	0		20
1,2-Dichlorobenzene	92		92		70-130	0		20
1,3-Dichlorobenzene	93		93		70-130	0		20
1,4-Dichlorobenzene	92		92		70-130	0		20
Methyl tert butyl ether	96		100		63-130	4		20
p/m-Xylene	95		95		70-130	0		20
o-Xylene	95		95		70-130	0		20
cis-1,2-Dichloroethene	100		99		70-130	1		20
Styrene	90		90		70-130	0		20
Dichlorodifluoromethane	120		110		36-147	9		20
Acetone	110		110		58-148	0		20
Carbon disulfide	120		110		51-130	9		20
2-Butanone	110		100		63-138	10		20
4-Methyl-2-pentanone	94		98		59-130	4		20
2-Hexanone	89		95		57-130	7		20
Bromochloromethane	100		96		70-130	4		20
1,2-Dibromoethane	86		86		70-130	0		20
1,2-Dibromo-3-chloropropane	75		80		41-144	6		20
Isopropylbenzene	97		98		70-130	1		20
1,2,3-Trichlorobenzene	98		99		70-130	1		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: JMA WIRELESS/FORMER COYNE TEXT
Project Number: 059294.003

Lab Number: L2415362
Report Date: 04/04/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-03 Batch: WG1903646-3 WG1903646-4								
1,2,4-Trichlorobenzene	100		99		70-130	1		20
Methyl Acetate	120		120		70-130	0		20
Cyclohexane	140	Q	130		70-130	7		20
1,4-Dioxane	108		100		56-162	8		20
Freon-113	120		120		70-130	0		20
Methyl cyclohexane	100		100		70-130	0		20

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	110		111		70-130
Toluene-d8	104		104		70-130
4-Bromofluorobenzene	97		99		70-130
Dibromofluoromethane	103		102		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: JMA WIRELESS/FORMER COYNE TEXT
Project Number: 059294.003

Lab Number: L2415362
Report Date: 04/04/24

Parameter	LCS		LCSD		%Recovery Limits	RPD	Qual	RPD Limits
	%Recovery	Qual	%Recovery	Qual				
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 03 Batch: WG1904150-3 WG1904150-4								
Methylene chloride	99		97		70-130	2		20
1,1-Dichloroethane	100		99		70-130	1		20
Chloroform	100		100		70-130	0		20
Carbon tetrachloride	100		100		63-132	0		20
1,2-Dichloropropane	100		100		70-130	0		20
Dibromochloromethane	100		100		63-130	0		20
1,1,2-Trichloroethane	100		100		70-130	0		20
Tetrachloroethene	110		110		70-130	0		20
Chlorobenzene	100		100		75-130	0		20
Trichlorofluoromethane	110		110		62-150	0		20
1,2-Dichloroethane	98		96		70-130	2		20
1,1,1-Trichloroethane	100		100		67-130	0		20
Bromodichloromethane	100		100		67-130	0		20
trans-1,3-Dichloropropene	100		100		70-130	0		20
cis-1,3-Dichloropropene	100		100		70-130	0		20
Bromoform	100		100		54-136	0		20
1,1,2,2-Tetrachloroethane	97		100		67-130	3		20
Benzene	100		100		70-130	0		20
Toluene	100		100		70-130	0		20
Ethylbenzene	100		100		70-130	0		20
Chloromethane	100		100		64-130	0		20
Bromomethane	110		100		39-139	10		20
Vinyl chloride	110		110		55-140	0		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: JMA WIRELESS/FORMER COYNE TEXT

Lab Number: L2415362

Project Number: 059294.003

Report Date: 04/04/24

Parameter	LCS		LCSD		%Recovery Limits	RPD	Qual	RPD Limits
	%Recovery	Qual	%Recovery	Qual				
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 03 Batch: WG1904150-3 WG1904150-4								
Chloroethane	110		110		55-138	0		20
1,1-Dichloroethene	110		110		61-145	0		20
trans-1,2-Dichloroethene	100		100		70-130	0		20
Trichloroethene	100		99		70-130	1		20
1,2-Dichlorobenzene	99		100		70-130	1		20
1,3-Dichlorobenzene	100		100		70-130	0		20
1,4-Dichlorobenzene	100		100		70-130	0		20
Methyl tert butyl ether	100		100		63-130	0		20
p/m-Xylene	105		105		70-130	0		20
o-Xylene	105		105		70-130	0		20
cis-1,2-Dichloroethene	100		100		70-130	0		20
Styrene	105		105		70-130	0		20
Dichlorodifluoromethane	110		110		36-147	0		20
Acetone	110		89		58-148	21	Q	20
Carbon disulfide	110		110		51-130	0		20
2-Butanone	88		89		63-138	1		20
4-Methyl-2-pentanone	90		93		59-130	3		20
2-Hexanone	85		89		57-130	5		20
Bromochloromethane	110		110		70-130	0		20
1,2-Dibromoethane	100		100		70-130	0		20
1,2-Dibromo-3-chloropropane	100		110		41-144	10		20
Isopropylbenzene	100		100		70-130	0		20
1,2,3-Trichlorobenzene	100		110		70-130	10		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: JMA WIRELESS/FORMER COYNE TEXT
Project Number: 059294.003

Lab Number: L2415362
Report Date: 04/04/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 03 Batch: WG1904150-3 WG1904150-4								
1,2,4-Trichlorobenzene	100		110		70-130	10		20
Methyl Acetate	91		93		70-130	2		20
Cyclohexane	100		100		70-130	0		20
1,4-Dioxane	120		118		56-162	2		20
Freon-113	110		110		70-130	0		20
Methyl cyclohexane	110		110		70-130	0		20

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	96		95		70-130
Toluene-d8	100		100		70-130
4-Bromofluorobenzene	102		101		70-130
Dibromofluoromethane	102		101		70-130

Matrix Spike Analysis

Batch Quality Control

Project Name: JMA WIRELESS/FORMER COYNE TEXT
Project Number: 059294.003

Lab Number: L2415362
Report Date: 04/04/24

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: WG1900851-4 WG1900851-5 QC Sample: L2415362-01 Client ID: MW-105D-20240320												
Carbon Dioxide	58.7	12	74.7	133	Q	71.2	104		80-120	5		25

Matrix Spike Analysis

Batch Quality Control

Project Name: JMA WIRELESS/FORMER COYNE TEXT

Lab Number: L2415362

Project Number: 059294.003

Report Date: 04/04/24

<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): 01-03 QC Batch ID: WG1903646-6 WG1903646-7 QC Sample: L2415362-01 Client ID: MW-105D-20240320												
Methylene chloride	ND	10	10	100		9.8	98		70-130	2		20
1,1-Dichloroethane	ND	10	12	120		11	110		70-130	9		20
Chloroform	ND	10	10	100		9.7	97		70-130	3		20
Carbon tetrachloride	ND	10	11	110		11	110		63-132	0		20
1,2-Dichloropropane	ND	10	11	110		11	110		70-130	0		20
Dibromochloromethane	ND	10	7.8	78		8.1	81		63-130	4		20
1,1,2-Trichloroethane	ND	10	8.2	82		9.2	92		70-130	11		20
Tetrachloroethene	ND	10	11	110		11	110		70-130	0		20
Chlorobenzene	ND	10	9.6	96		9.7	97		75-130	1		20
Trichlorofluoromethane	ND	10	12	120		12	120		62-150	0		20
1,2-Dichloroethane	ND	10	10	100		10	100		70-130	0		20
1,1,1-Trichloroethane	ND	10	10	100		10	100		67-130	0		20
Bromodichloromethane	ND	10	9.2	92		9.1	91		67-130	1		20
trans-1,3-Dichloropropene	ND	10	7.9	79		8.1	81		70-130	2		20
cis-1,3-Dichloropropene	ND	10	8.4	84		8.8	88		70-130	5		20
Bromoform	ND	10	8.3	83		8.2	82		54-136	1		20
1,1,2,2-Tetrachloroethane	ND	10	9.3	93		9.7	97		67-130	4		20
Benzene	6.4	10	17	106		18	116		70-130	6		20
Toluene	ND	10	10	100		9.9	99		70-130	1		20
Ethylbenzene	ND	10	10	100		10	100		70-130	0		20
Chloromethane	ND	10	12	120		12	120		64-130	0		20
Bromomethane	ND	10	2.5	25	Q	2.8	28	Q	39-139	11		20
Vinyl chloride	ND	10	12	120		11	110		55-140	9		20

Matrix Spike Analysis

Batch Quality Control

Project Name: JMA WIRELESS/FORMER COYNE TEXT

Lab Number: L2415362

Project Number: 059294.003

Report Date: 04/04/24

<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): 01-03 QC Batch ID: WG1903646-6 WG1903646-7 QC Sample: L2415362-01 Client ID: MW-105D-20240320												
Chloroethane	ND	10	11	110		11	110		55-138	0		20
1,1-Dichloroethene	ND	10	11	110		11	110		61-145	0		20
trans-1,2-Dichloroethene	ND	10	11	110		10	100		70-130	10		20
Trichloroethene	ND	10	9.4	94		9.5	95		70-130	1		20
1,2-Dichlorobenzene	ND	10	9.3	93		9.3	93		70-130	0		20
1,3-Dichlorobenzene	ND	10	9.3	93		9.3	93		70-130	0		20
1,4-Dichlorobenzene	ND	10	9.2	92		9.1	91		70-130	1		20
Methyl tert butyl ether	ND	10	9.7	97		10	100		63-130	3		20
p/m-Xylene	ND	20	19	95		19	95		70-130	0		20
o-Xylene	ND	20	19	95		19	95		70-130	0		20
cis-1,2-Dichloroethene	ND	10	10	100		10	100		70-130	0		20
Styrene	ND	20	18	90		18	90		70-130	0		20
Dichlorodifluoromethane	ND	10	11	110		11	110		36-147	0		20
Acetone	ND	10	11	110		11	110		58-148	0		20
Carbon disulfide	ND	10	12	120		11	110		51-130	9		20
2-Butanone	ND	10	9.7	97		10	100		63-138	3		20
4-Methyl-2-pentanone	ND	10	9.4	94		9.8	98		59-130	4		20
2-Hexanone	ND	10	9.0	90		9.2	92		57-130	2		20
Bromochloromethane	ND	10	10	100		9.8	98		70-130	2		20
1,2-Dibromoethane	ND	10	8.7	87		8.9	89		70-130	2		20
1,2-Dibromo-3-chloropropane	ND	10	7.4	74		7.8	78		41-144	5		20
Isopropylbenzene	ND	10	10	100		10	100		70-130	0		20
1,2,3-Trichlorobenzene	ND	10	9.4	94		9.5	95		70-130	1		20

Matrix Spike Analysis Batch Quality Control

Project Name: JMA WIRELESS/FORMER COYNE TEXT
Project Number: 059294.003

Lab Number: L2415362
Report Date: 04/04/24

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): 01-03 QC Batch ID: WG1903646-6 WG1903646-7 QC Sample: L2415362-01 Client ID: MW-105D-20240320												
1,2,4-Trichlorobenzene	ND	10	9.6	96		9.5	95		70-130	1		20
Methyl Acetate	ND	10	11	110		11	110		70-130	0		20
Cyclohexane	ND	10	14	140	Q	14	140	Q	70-130	0		20
1,4-Dioxane	ND	500	440	88		440	88		56-162	0		20
Freon-113	ND	10	12	120		12	120		70-130	0		20
Methyl cyclohexane	ND	10	9.7J	97		9.9J	99		70-130	2		20

Surrogate	MS		MSD		Acceptance Criteria
	% Recovery	Qualifier	% Recovery	Qualifier	
1,2-Dichloroethane-d4	111		109		70-130
4-Bromofluorobenzene	99		99		70-130
Dibromofluoromethane	100		100		70-130
Toluene-d8	104		103		70-130



METALS

Project Name: JMA WIRELESS/FORMER COYNE TEXT
Project Number: 059294.003

Lab Number: L2415362
Report Date: 04/04/24

SAMPLE RESULTS

Lab ID: L2415362-01
 Client ID: MW-105D-20240320
 Sample Location: SYRACUSE, NY

Date Collected: 03/20/24 09:30
 Date Received: 03/21/24
 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
Total Metals - Mansfield Lab											
Iron, Total	0.918		mg/l	0.0500	0.0191	1	03/31/24 19:07	04/01/24 08:21	EPA 3005A	1,6020B	EJF



Project Name: JMA WIRELESS/FORMER COYNE TEXT
Project Number: 059294.003

Lab Number: L2415362
Report Date: 04/04/24

SAMPLE RESULTS

Lab ID: L2415362-02
 Client ID: MW-5R-20240320
 Sample Location: SYRACUSE, NY

Date Collected: 03/20/24 11:30
 Date Received: 03/21/24
 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
Total Metals - Mansfield Lab											
Iron, Total	2.30		mg/l	0.0500	0.0191	1	03/31/24 19:07	04/01/24 21:20	EPA 3005A	1,6020B	EJF



Project Name: JMA WIRELESS/FORMER COYNE TEXT
Project Number: 059294.003

Lab Number: L2415362
Report Date: 04/04/24

SAMPLE RESULTS

Lab ID: L2415362-03
 Client ID: MW-6R-20240320
 Sample Location: SYRACUSE, NY

Date Collected: 03/20/24 13:10
 Date Received: 03/21/24
 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
Total Metals - Mansfield Lab											
Iron, Total	8.62		mg/l	0.0500	0.0191	1	03/31/24 19:07	04/01/24 21:25	EPA 3005A	1,6020B	EJF



Project Name: JMA WIRELESS/FORMER COYNE TEXT
Project Number: 059294.003

Lab Number: L2415362
Report Date: 04/04/24

SAMPLE RESULTS

Lab ID: L2415362-04
 Client ID: MW-7R-20240320
 Sample Location: SYRACUSE, NY

Date Collected: 03/20/24 14:45
 Date Received: 03/21/24
 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
Total Metals - Mansfield Lab											
Iron, Total	7.27		mg/l	0.0500	0.0191	1	03/31/24 19:07	04/01/24 21:29	EPA 3005A	1,6020B	EJF



Project Name: JMA WIRELESS/FORMER COYNE TEXT
Project Number: 059294.003

Lab Number: L2415362
Report Date: 04/04/24

SAMPLE RESULTS

Lab ID: L2415362-05
 Client ID: CHA-1-20240320
 Sample Location: SYRACUSE, NY

Date Collected: 03/20/24 09:00
 Date Received: 03/21/24
 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
Total Metals - Mansfield Lab											
Iron, Total	2.12		mg/l	0.0500	0.0191	1	03/31/24 19:07	04/01/24 21:34	EPA 3005A	1,6020B	EJF



Project Name: JMA WIRELESS/FORMER COYNE TEXT**Lab Number:** L2415362**Project Number:** 059294.003**Report Date:** 04/04/24**SAMPLE RESULTS**

Lab ID: L2415362-06

Date Collected: 03/21/24 08:20

Client ID: MW-4-20240320

Date Received: 03/21/24

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
Total Metals - Mansfield Lab											
Iron, Total	6.63		mg/l	0.0500	0.0191	1	03/31/24 19:07	04/01/24 21:39	EPA 3005A	1,6020B	EJF



Project Name: JMA WIRELESS/FORMER COYNE TEXT
Project Number: 059294.003

Lab Number: L2415362
Report Date: 04/04/24

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: WG1902788-1									
Iron, Total	ND	mg/l	0.0500	0.0191	1	03/31/24 19:07	04/01/24 07:55	1,6020B	EJF

Prep Information

Digestion Method: EPA 3005A

Lab Control Sample Analysis Batch Quality Control

Project Name: JMA WIRELESS/FORMER COYNE TEXT
Project Number: 059294.003

Lab Number: L2415362
Report Date: 04/04/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-06 Batch: WG1902788-2								
Iron, Total	99		-		80-120	-		

Matrix Spike Analysis Batch Quality Control

Project Name: JMA WIRELESS/FORMER COYNE TEXT
Project Number: 059294.003

Lab Number: L2415362
Report Date: 04/04/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Qual	MSD Found	MSD %Recovery	MSD Qual	Recovery Limits	RPD	RPD Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-06 QC Batch ID: WG1902788-3 WG1902788-4 QC Sample: L2415362-01 Client ID: MW-105D-20240320												
Iron, Total	0.918	1	1.76	84		1.83	91		75-125	4		20
Total Metals - Mansfield Lab Associated sample(s): 01-06 QC Batch ID: WG1902788-7 WG1902788-8 QC Sample: L2417074-01 Client ID: MS Sample												
Iron, Total	ND	1	1.10	110		1.06	106		75-125	4		20

INORGANICS & MISCELLANEOUS

Project Name: JMA WIRELESS/FORMER COYNE TEXT
Project Number: 059294.003

Lab Number: L2415362
Report Date: 04/04/24

SAMPLE RESULTS

Lab ID: L2415362-01
Client ID: MW-105D-20240320
Sample Location: SYRACUSE, NY

Date Collected: 03/20/24 09:30
Date Received: 03/21/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Alkalinity, Total	551.		mg CaCO3/L	2.00	NA	1	-	03/26/24 09:09	121,2320B	MRW
Nitrogen, Nitrate	ND		mg/l	0.10	0.023	1	-	03/22/24 05:50	44,353.2	KAF
Sulfide	ND		mg/l	0.10	0.10	1	03/26/24 07:24	03/26/24 07:39	121,4500S2-D	DBN
Total Organic Carbon	6.03		mg/l	0.500	0.097	1	-	03/27/24 08:46	121,5310C	DEW
Anions by Ion Chromatography - Westborough Lab										
Chloride	53.2		mg/l	2.50	0.420	5	-	03/26/24 23:33	44,300.0	AVT
Sulfate	23.2		mg/l	1.00	0.454	1	-	03/26/24 20:38	44,300.0	AVT



Project Name: JMA WIRELESS/FORMER COYNE TEXT
Project Number: 059294.003

Lab Number: L2415362
Report Date: 04/04/24

SAMPLE RESULTS

Lab ID: L2415362-02
Client ID: MW-5R-20240320
Sample Location: SYRACUSE, NY

Date Collected: 03/20/24 11:30
Date Received: 03/21/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Alkalinity, Total	277.		mg CaCO3/L	2.00	NA	1	-	03/26/24 10:41	121,2320B	MRW
Nitrogen, Nitrate	ND		mg/l	0.10	0.023	1	-	03/22/24 05:54	44,353.2	KAF
Sulfide	ND		mg/l	0.10	0.10	1	03/26/24 07:24	03/26/24 07:40	121,4500S2-D	DBN
Total Organic Carbon	3.06		mg/l	0.500	0.097	1	-	03/27/24 09:17	121,5310C	DEW
Anions by Ion Chromatography - Westborough Lab										
Chloride	318.		mg/l	5.00	0.839	10	-	03/27/24 00:28	44,300.0	AVT
Sulfate	162.		mg/l	10.0	4.54	10	-	03/27/24 00:28	44,300.0	AVT



Project Name: JMA WIRELESS/FORMER COYNE TEXT
Project Number: 059294.003

Lab Number: L2415362
Report Date: 04/04/24

SAMPLE RESULTS

Lab ID: L2415362-03
Client ID: MW-6R-20240320
Sample Location: SYRACUSE, NY

Date Collected: 03/20/24 13:10
Date Received: 03/21/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Alkalinity, Total	421.		mg CaCO3/L	2.00	NA	1	-	03/28/24 12:21	121,2320B	MRW
Nitrogen, Nitrate	0.037	J	mg/l	0.10	0.023	1	-	03/22/24 06:21	44,353.2	KAF
Sulfide	ND		mg/l	0.10	0.10	1	03/26/24 07:24	03/26/24 07:40	121,4500S2-D	DBN
Total Organic Carbon	12.2		mg/l	2.00	0.388	4	-	03/27/24 09:44	121,5310C	DEW
Anions by Ion Chromatography - Westborough Lab										
Chloride	303.		mg/l	5.00	0.839	10	-	03/27/24 00:39	44,300.0	AVT
Sulfate	71.8		mg/l	1.00	0.454	1	-	03/26/24 21:00	44,300.0	AVT



Project Name: JMA WIRELESS/FORMER COYNE TEXT
Project Number: 059294.003

Lab Number: L2415362
Report Date: 04/04/24

SAMPLE RESULTS

Lab ID: L2415362-04
Client ID: MW-7R-20240320
Sample Location: SYRACUSE, NY

Date Collected: 03/20/24 14:45
Date Received: 03/21/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Alkalinity, Total	378.		mg CaCO3/L	2.00	NA	1	-	03/28/24 12:47	121,2320B	MRW
Nitrogen, Nitrate	0.028	J	mg/l	0.10	0.023	1	-	03/22/24 06:22	44,353.2	KAF
Sulfide	ND		mg/l	0.10	0.10	1	03/26/24 07:24	03/26/24 08:42	121,4500S2-D	DBN
Total Organic Carbon	5.99		mg/l	1.00	0.194	2	-	03/27/24 10:13	121,5310C	DEW
Anions by Ion Chromatography - Westborough Lab										
Chloride	372.		mg/l	5.00	0.839	10	-	03/26/24 21:22	44,300.0	AVT
Sulfate	92.7		mg/l	1.00	0.454	1	-	03/26/24 21:11	44,300.0	AVT



Project Name: JMA WIRELESS/FORMER COYNE TEXT
Project Number: 059294.003

Lab Number: L2415362
Report Date: 04/04/24

SAMPLE RESULTS

Lab ID: L2415362-05
Client ID: CHA-1-20240320
Sample Location: SYRACUSE, NY

Date Collected: 03/20/24 09:00
Date Received: 03/21/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Alkalinity, Total	273.		mg CaCO3/L	2.00	NA	1	-	03/28/24 13:16	121,2320B	MRW
Nitrogen, Nitrate	0.028	J	mg/l	0.10	0.023	1	-	03/22/24 06:24	44,353.2	KAF
Sulfide	0.34		mg/l	0.10	0.10	1	03/22/24 19:20	03/22/24 23:49	121,4500S2-D	TLH
Total Organic Carbon	3.09		mg/l	0.500	0.097	1	-	03/27/24 10:43	121,5310C	DEW
Anions by Ion Chromatography - Westborough Lab										
Chloride	324.		mg/l	5.00	0.839	10	-	03/27/24 00:49	44,300.0	AVT
Sulfate	166.		mg/l	10.0	4.54	10	-	03/27/24 00:49	44,300.0	AVT



Project Name: JMA WIRELESS/FORMER COYNE TEXT
Project Number: 059294.003

Lab Number: L2415362
Report Date: 04/04/24

SAMPLE RESULTS

Lab ID: L2415362-06
Client ID: MW-4-20240320
Sample Location: SYRACUSE, NY

Date Collected: 03/21/24 08:20
Date Received: 03/21/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Alkalinity, Total	406.		mg CaCO3/L	2.00	NA	1	-	03/28/24 13:24	121,2320B	MRW
Nitrogen, Nitrate	0.028	J	mg/l	0.10	0.023	1	-	03/22/24 06:25	44,353.2	KAF
Sulfide	0.80		mg/l	0.50	0.50	5	03/26/24 07:24	03/26/24 08:47	121,4500S2-D	DBN
Total Organic Carbon	9.38		mg/l	2.00	0.388	4	-	03/27/24 11:10	121,5310C	DEW
Anions by Ion Chromatography - Westborough Lab										
Chloride	286.		mg/l	5.00	0.839	10	-	03/26/24 22:17	44,300.0	AVT
Sulfate	81.4		mg/l	1.00	0.454	1	-	03/26/24 22:06	44,300.0	AVT



Project Name: JMA WIRELESS/FORMER COYNE TE)
Project Number: 059294.003

Lab Number: L2415362
Report Date: 04/04/24

**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: WG1899382-1										
Nitrogen, Nitrate	ND		mg/l	0.10	0.023	1	-	03/22/24 03:19	44,353.2	KAF
General Chemistry - Westborough Lab for sample(s): 05 Batch: WG1899737-1										
Sulfide	ND		mg/l	0.10	0.10	1	03/22/24 19:20	03/22/24 23:46	121,4500S2-D	TLH
General Chemistry - Westborough Lab for sample(s): 01-04,06 Batch: WG1900702-1										
Sulfide	ND		mg/l	0.10	0.10	1	03/26/24 07:24	03/26/24 07:36	121,4500S2-D	DBN
General Chemistry - Westborough Lab for sample(s): 01-02 Batch: WG1900834-1										
Alkalinity, Total	ND		mg CaCO3/L	2.00	NA	1	-	03/26/24 13:11	121,2320B	MRW
Anions by Ion Chromatography - Westborough Lab for sample(s): 01-06 Batch: WG1901161-1										
Chloride	0.106	J	mg/l	0.500	0.083	1	-	03/26/24 17:55	44,300.0	AVT
Sulfate	ND		mg/l	1.00	0.454	1	-	03/26/24 17:55	44,300.0	AVT
General Chemistry - Westborough Lab for sample(s): 01-06 Batch: WG1901185-1										
Total Organic Carbon	ND		mg/l	0.500	0.097	1	-	03/27/24 03:15	121,5310C	DEW
General Chemistry - Westborough Lab for sample(s): 03-06 Batch: WG1901890-1										
Alkalinity, Total	ND		mg CaCO3/L	2.00	NA	1	-	03/28/24 14:51	121,2320B	MRW

Lab Control Sample Analysis

Batch Quality Control

Project Name: JMA WIRELESS/FORMER COYNE TEXT
Project Number: 059294.003

Lab Number: L2415362
Report Date: 04/04/24

Parameter	LCS		LCSD		%Recovery Limits	RPD	Qual	RPD Limits
	%Recovery	Qual	%Recovery	Qual				
General Chemistry - Westborough Lab Associated sample(s): 01-06 Batch: WG1899382-2								
Nitrogen, Nitrate	106		-		90-110	-		
General Chemistry - Westborough Lab Associated sample(s): 05 Batch: WG1899737-2								
Sulfide	77		-		75-125	-		
General Chemistry - Westborough Lab Associated sample(s): 01-04,06 Batch: WG1900702-2								
Sulfide	77		-		75-125	-		
General Chemistry - Westborough Lab Associated sample(s): 01-02 Batch: WG1900834-2								
Alkalinity, Total	104		-		90-110	-		10
Anions by Ion Chromatography - Westborough Lab Associated sample(s): 01-06 Batch: WG1901161-2								
Chloride	100		-		90-110	-		
Sulfate	101		-		90-110	-		
General Chemistry - Westborough Lab Associated sample(s): 01-06 Batch: WG1901185-2								
Total Organic Carbon	100		-		90-110	-		
General Chemistry - Westborough Lab Associated sample(s): 03-06 Batch: WG1901890-2								
Alkalinity, Total	106		-		90-110	-		10

Matrix Spike Analysis

Batch Quality Control

Project Name: JMA WIRELESS/FORMER COYNE TEXT
Project Number: 059294.003

Lab Number: L2415362
Report Date: 04/04/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Qual	MSD Found	MSD %Recovery	MSD Qual	Recovery Limits	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-06 QC Batch ID: WG1899382-4 QC Sample: L2415362-01 Client ID: MW-105D-20240320												
Nitrogen, Nitrate	ND	4	4.2	105	-	-	-	-	83-113	-	-	6
General Chemistry - Westborough Lab Associated sample(s): 05 QC Batch ID: WG1899737-4 QC Sample: L2414663-01 Client ID: MS Sample												
Sulfide	ND	0.47	0.23	45	Q	-	-	-	70-130	-	-	20
General Chemistry - Westborough Lab Associated sample(s): 01-04,06 QC Batch ID: WG1900702-4 QC Sample: L2415362-01 Client ID: MW-105D-20240320												
Sulfide	ND	0.47	0.27	57	Q	-	-	-	70-130	-	-	20
General Chemistry - Westborough Lab Associated sample(s): 01-02 QC Batch ID: WG1900834-4 QC Sample: L2415362-01 Client ID: MW-105D-20240320												
Alkalinity, Total	551.	100	638	87	-	-	-	-	86-116	-	-	10
Anions by Ion Chromatography - Westborough Lab Associated sample(s): 01-06 QC Batch ID: WG1901161-3 WG1901161-4 QC Sample: L2415362-01 Client ID: MW-105D-20240320												
Chloride	53.2	20	72.5	96	-	75.3	110	-	90-110	4	-	18
Sulfate	23.2	40	62.6	98	-	63.1	100	-	90-110	1	-	20
General Chemistry - Westborough Lab Associated sample(s): 01-06 QC Batch ID: WG1901185-4 QC Sample: L2415245-01 Client ID: MS Sample												
Total Organic Carbon	0.442J	16	16.2	101	-	-	-	-	85-115	-	-	15
General Chemistry - Westborough Lab Associated sample(s): 01-06 QC Batch ID: WG1901185-6 QC Sample: L2415362-01 Client ID: MW-105D-20240320												
Total Organic Carbon	6.03	16	22.4	102	-	-	-	-	85-115	-	-	15
General Chemistry - Westborough Lab Associated sample(s): 03-06 QC Batch ID: WG1901890-4 QC Sample: L2415565-01 Client ID: MS Sample												
Alkalinity, Total	124.	100	226	102	-	-	-	-	86-116	-	-	10

Lab Duplicate Analysis

Batch Quality Control

Project Name: JMA WIRELESS/FORMER COYNE TEXT
Project Number: 059294.003

Lab Number: L2415362
Report Date: 04/04/24

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-06 QC Batch ID: WG1899382-3 QC Sample: L2415362-01 Client ID: MW-105D-20240320						
Nitrogen, Nitrate	ND	ND	mg/l	NC		6
General Chemistry - Westborough Lab Associated sample(s): 05 QC Batch ID: WG1899737-3 QC Sample: L2414663-01 Client ID: DUP Sample						
Sulfide	ND	ND	mg/l	NC		20
General Chemistry - Westborough Lab Associated sample(s): 01-04,06 QC Batch ID: WG1900702-3 QC Sample: L2415362-02 Client ID: MW-5R-20240320						
Sulfide	ND	0.29	mg/l	NC		20
General Chemistry - Westborough Lab Associated sample(s): 01-02 QC Batch ID: WG1900834-3 QC Sample: L2415362-01 Client ID: MW-105D-20240320						
Alkalinity, Total	551.	547	mg CaCO3/L	1		10
General Chemistry - Westborough Lab Associated sample(s): 01-06 QC Batch ID: WG1901185-3 QC Sample: L2415245-01 Client ID: DUP Sample						
Total Organic Carbon	0.442J	0.420J	mg/l	NC		15
General Chemistry - Westborough Lab Associated sample(s): 01-06 QC Batch ID: WG1901185-5 QC Sample: L2415362-01 Client ID: MW-105D-20240320						
Total Organic Carbon	6.03	6.03	mg/l	0		15
General Chemistry - Westborough Lab Associated sample(s): 03-06 QC Batch ID: WG1901890-3 QC Sample: L2415565-01 Client ID: DUP Sample						
Alkalinity, Total	124.	125	mg CaCO3/L	1		10

Project Name: JMA WIRELESS/FORMER COYNE TEXT**Lab Number:** L2415362**Project Number:** 059294.003**Report Date:** 04/04/24**Sample Receipt and Container Information**

Were project specific reporting limits specified?

YES

Cooler Information

Cooler	Custody Seal
A	Absent
B	Absent
C	Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2415362-01A	Vial HCl preserved	B	NA		2.4	Y	Absent		NYTCL-8260-R2(14)
L2415362-01A1	Vial HCl preserved	B	NA		2.4	Y	Absent		NYTCL-8260-R2(14)
L2415362-01A2	Vial HCl preserved	B	NA		2.4	Y	Absent		NYTCL-8260-R2(14)
L2415362-01B	Vial HCl preserved	B	NA		2.4	Y	Absent		NYTCL-8260-R2(14)
L2415362-01B1	Vial HCl preserved	B	NA		2.4	Y	Absent		NYTCL-8260-R2(14)
L2415362-01B2	Vial HCl preserved	B	NA		2.4	Y	Absent		NYTCL-8260-R2(14)
L2415362-01C	Vial HCl preserved	B	NA		2.4	Y	Absent		NYTCL-8260-R2(14)
L2415362-01C1	Vial HCl preserved	B	NA		2.4	Y	Absent		NYTCL-8260-R2(14)
L2415362-01C2	Vial HCl preserved	B	NA		2.4	Y	Absent		NYTCL-8260-R2(14)
L2415362-01D	Vial H2SO4 preserved	B	NA		2.4	Y	Absent		TOC-5310(28)
L2415362-01D1	Vial H2SO4 preserved	B	NA		2.4	Y	Absent		TOC-5310(28)
L2415362-01D2	Vial H2SO4 preserved	B	NA		2.4	Y	Absent		TOC-5310(28)
L2415362-01E	Vial H2SO4 preserved	B	NA		2.4	Y	Absent		TOC-5310(28)
L2415362-01E1	Vial H2SO4 preserved	B	NA		2.4	Y	Absent		TOC-5310(28)
L2415362-01E2	Vial H2SO4 preserved	B	NA		2.4	Y	Absent		TOC-5310(28)
L2415362-01F	Vial unpreserved 20ml	B	NA		2.4	Y	Absent		DISSGAS-CO2(7)
L2415362-01F1	Vial unpreserved 20ml	B	NA		2.4	Y	Absent		DISSGAS-CO2(7)
L2415362-01F2	Vial unpreserved 20ml	B	NA		2.4	Y	Absent		DISSGAS-CO2(7)
L2415362-01G	Vial unpreserved 20ml	B	NA		2.4	Y	Absent		DISSGAS-CO2(7)
L2415362-01G1	Vial unpreserved 20ml	B	NA		2.4	Y	Absent		DISSGAS-CO2(7)
L2415362-01G2	Vial unpreserved 20ml	B	NA		2.4	Y	Absent		DISSGAS-CO2(7)

Project Name: JMA WIRELESS/FORMER COYNE TEXT**Lab Number:** L2415362**Project Number:** 059294.003**Report Date:** 04/04/24**Container Information**

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2415362-01H	Vial HCl preserved	B	NA		2.4	Y	Absent		SUB-DISSGAS(14)
L2415362-01H1	Vial HCl preserved	B	NA		2.4	Y	Absent		SUB-DISSGAS(14)
L2415362-01H2	Vial HCl preserved	B	NA		2.4	Y	Absent		SUB-DISSGAS(14)
L2415362-01I	Vial HCl preserved	B	NA		2.4	Y	Absent		SUB-DISSGAS(14)
L2415362-01I1	Vial HCl preserved	B	NA		2.4	Y	Absent		SUB-DISSGAS(14)
L2415362-01I2	Vial HCl preserved	B	NA		2.4	Y	Absent		SUB-DISSGAS(14)
L2415362-01J	Plastic 250ml unpreserved/No Headspace	B	NA		2.4	Y	Absent		ALK-T-2320(14)
L2415362-01J1	Plastic 250ml unpreserved/No Headspace	B	NA		2.4	Y	Absent		ALK-T-2320(14)
L2415362-01J2	Plastic 250ml unpreserved/No Headspace	B	NA		2.4	Y	Absent		ALK-T-2320(14)
L2415362-01K	Plastic 250ml unpreserved	B	7	7	2.4	Y	Absent		SO4-300(28),CL-300(28),NO3-353(2)
L2415362-01K1	Plastic 250ml unpreserved	B	7	7	2.4	Y	Absent		SO4-300(28),CL-300(28),NO3-353(2)
L2415362-01K2	Plastic 250ml unpreserved	B	7	7	2.4	Y	Absent		SO4-300(28),CL-300(28),NO3-353(2)
L2415362-01L	Plastic 250ml Zn Acetate/NaOH preserved	B	>9	>9	2.4	Y	Absent		SULFIDE-4500(7)
L2415362-01L1	Plastic 250ml Zn Acetate/NaOH preserved	B	>9	>9	2.4	Y	Absent		SULFIDE-4500(7)
L2415362-01L2	Plastic 250ml Zn Acetate/NaOH preserved	B	>9	>9	2.4	Y	Absent		SULFIDE-4500(7)
L2415362-01M	Plastic 250ml Zn Acetate/NaOH preserved	B	>9	>9	2.4	Y	Absent		SULFIDE-4500(7)
L2415362-01M1	Plastic 250ml Zn Acetate/NaOH preserved	B	>9	>9	2.4	Y	Absent		SULFIDE-4500(7)
L2415362-01M2	Plastic 250ml Zn Acetate/NaOH preserved	B	>9	>9	2.4	Y	Absent		SULFIDE-4500(7)
L2415362-01N	Plastic 250ml HNO3 preserved	B	<2	<2	2.4	Y	Absent		FE-6020T(180)
L2415362-01N1	Plastic 250ml HNO3 preserved	B	<2	<2	2.4	Y	Absent		FE-6020T(180)
L2415362-01N2	Plastic 250ml HNO3 preserved	B	<2	<2	2.4	Y	Absent		FE-6020T(180)
L2415362-02A	Vial HCl preserved	B	NA		2.4	Y	Absent		NYTCL-8260-R2(14)
L2415362-02B	Vial HCl preserved	B	NA		2.4	Y	Absent		NYTCL-8260-R2(14)
L2415362-02C	Vial HCl preserved	B	NA		2.4	Y	Absent		NYTCL-8260-R2(14)
L2415362-02D	Vial H2SO4 preserved	B	NA		2.4	Y	Absent		TOC-5310(28)
L2415362-02E	Vial H2SO4 preserved	B	NA		2.4	Y	Absent		TOC-5310(28)
L2415362-02F	Vial unpreserved 20ml	B	NA		2.4	Y	Absent		DISSGAS-CO2(7)
L2415362-02G	Vial unpreserved 20ml	B	NA		2.4	Y	Absent		DISSGAS-CO2(7)

Project Name: JMA WIRELESS/FORMER COYNE TEXT**Lab Number:** L2415362**Project Number:** 059294.003**Report Date:** 04/04/24**Container Information**

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2415362-02H	Vial HCl preserved	B	NA		2.4	Y	Absent		SUB-DISSGAS(14)
L2415362-02I	Vial HCl preserved	B	NA		2.4	Y	Absent		SUB-DISSGAS(14)
L2415362-02J	Plastic 250ml unpreserved/No Headspace	B	NA		2.4	Y	Absent		ALK-T-2320(14)
L2415362-02K	Plastic 250ml unpreserved	B	7	7	2.4	Y	Absent		SO4-300(28),CL-300(28),NO3-353(2)
L2415362-02L	Plastic 250ml Zn Acetate/NaOH preserved	B	>9	>9	2.4	Y	Absent		SULFIDE-4500(7)
L2415362-02M	Plastic 250ml Zn Acetate/NaOH preserved	B	>9	>9	2.4	Y	Absent		SULFIDE-4500(7)
L2415362-02N	Plastic 250ml HNO3 preserved	B	<2	<2	2.4	Y	Absent		FE-6020T(180)
L2415362-03A	Vial HCl preserved	A	NA		3.4	Y	Absent		NYTCL-8260-R2(14)
L2415362-03B	Vial HCl preserved	A	NA		3.4	Y	Absent		NYTCL-8260-R2(14)
L2415362-03C	Vial HCl preserved	A	NA		3.4	Y	Absent		NYTCL-8260-R2(14)
L2415362-03D	Vial H2SO4 preserved	A	NA		3.4	Y	Absent		TOC-5310(28)
L2415362-03E	Vial H2SO4 preserved	A	NA		3.4	Y	Absent		TOC-5310(28)
L2415362-03F	Vial unpreserved 20ml	A	NA		3.4	Y	Absent		DISSGAS-CO2(7)
L2415362-03G	Vial unpreserved 20ml	A	NA		3.4	Y	Absent		DISSGAS-CO2(7)
L2415362-03H	Vial HCl preserved	A	NA		3.4	Y	Absent		SUB-DISSGAS(14)
L2415362-03I	Vial HCl preserved	A	NA		3.4	Y	Absent		SUB-DISSGAS(14)
L2415362-03J	Plastic 250ml unpreserved/No Headspace	A	NA		3.4	Y	Absent		ALK-T-2320(14)
L2415362-03K	Plastic 250ml unpreserved	A	7	7	3.4	Y	Absent		SO4-300(28),CL-300(28),NO3-353(2)
L2415362-03L	Plastic 250ml Zn Acetate/NaOH preserved	A	>9	>9	3.4	Y	Absent		SULFIDE-4500(7)
L2415362-03M	Plastic 250ml Zn Acetate/NaOH preserved	A	>9	>9	3.4	Y	Absent		SULFIDE-4500(7)
L2415362-03N	Plastic 250ml HNO3 preserved	A	<2	<2	3.4	Y	Absent		FE-6020T(180)
L2415362-04A	Vial HCl preserved	A	NA		3.4	Y	Absent		NYTCL-8260-R2(14)
L2415362-04B	Vial HCl preserved	A	NA		3.4	Y	Absent		NYTCL-8260-R2(14)
L2415362-04C	Vial HCl preserved	A	NA		3.4	Y	Absent		NYTCL-8260-R2(14)
L2415362-04D	Vial H2SO4 preserved	A	NA		3.4	Y	Absent		TOC-5310(28)
L2415362-04E	Vial H2SO4 preserved	A	NA		3.4	Y	Absent		TOC-5310(28)
L2415362-04F	Vial unpreserved 20ml	A	NA		3.4	Y	Absent		DISSGAS-CO2(7)
L2415362-04G	Vial unpreserved 20ml	A	NA		3.4	Y	Absent		DISSGAS-CO2(7)

Project Name: JMA WIRELESS/FORMER COYNE TEXT**Lab Number:** L2415362**Project Number:** 059294.003**Report Date:** 04/04/24**Container Information**

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2415362-04H	Vial HCl preserved	A	NA		3.4	Y	Absent		SUB-DISSGAS(14)
L2415362-04I	Vial HCl preserved	A	NA		3.4	Y	Absent		SUB-DISSGAS(14)
L2415362-04J	Plastic 250ml unpreserved/No Headspace	A	NA		3.4	Y	Absent		ALK-T-2320(14)
L2415362-04K	Plastic 250ml unpreserved	A	7	7	3.4	Y	Absent		SO4-300(28),CL-300(28),NO3-353(2)
L2415362-04L	Plastic 250ml Zn Acetate/NaOH preserved	A	>9	>9	3.4	Y	Absent		SULFIDE-4500(7)
L2415362-04M	Plastic 250ml Zn Acetate/NaOH preserved	A	>9	>9	3.4	Y	Absent		SULFIDE-4500(7)
L2415362-04N	Plastic 250ml HNO3 preserved	A	<2	<2	3.4	Y	Absent		FE-6020T(180)
L2415362-05A	Vial HCl preserved	A	NA		3.4	Y	Absent		NYTCL-8260-R2(14)
L2415362-05B	Vial HCl preserved	A	NA		3.4	Y	Absent		NYTCL-8260-R2(14)
L2415362-05C	Vial HCl preserved	A	NA		3.4	Y	Absent		NYTCL-8260-R2(14)
L2415362-05D	Vial H2SO4 preserved	A	NA		3.4	Y	Absent		TOC-5310(28)
L2415362-05E	Vial H2SO4 preserved	A	NA		3.4	Y	Absent		TOC-5310(28)
L2415362-05F	Vial unpreserved 20ml	A	NA		3.4	Y	Absent		DISSGAS-CO2(7)
L2415362-05G	Vial unpreserved 20ml	A	NA		3.4	Y	Absent		DISSGAS-CO2(7)
L2415362-05H	Vial HCl preserved	A	NA		3.4	Y	Absent		SUB-DISSGAS(14)
L2415362-05I	Vial HCl preserved	A	NA		3.4	Y	Absent		SUB-DISSGAS(14)
L2415362-05J	Plastic 250ml unpreserved/No Headspace	A	NA		3.4	Y	Absent		ALK-T-2320(14)
L2415362-05K	Plastic 250ml unpreserved	A	7	7	3.4	Y	Absent		SO4-300(28),CL-300(28),NO3-353(2)
L2415362-05L	Plastic 250ml Zn Acetate/NaOH preserved	A	>9	>9	3.4	Y	Absent		SULFIDE-4500(7)
L2415362-05M	Plastic 250ml Zn Acetate/NaOH preserved	A	>9	>9	3.4	Y	Absent		SULFIDE-4500(7)
L2415362-05N	Plastic 250ml HNO3 preserved	A	<2	<2	3.4	Y	Absent		FE-6020T(180)
L2415362-06A	Vial HCl preserved	A	NA		3.4	Y	Absent		NYTCL-8260-R2(14)
L2415362-06B	Vial HCl preserved	A	NA		3.4	Y	Absent		NYTCL-8260-R2(14)
L2415362-06C	Vial HCl preserved	A	NA		3.4	Y	Absent		NYTCL-8260-R2(14)
L2415362-06D	Vial H2SO4 preserved	A	NA		3.4	Y	Absent		TOC-5310(28)
L2415362-06E	Vial H2SO4 preserved	A	NA		3.4	Y	Absent		TOC-5310(28)
L2415362-06F	Vial unpreserved 20ml	A	NA		3.4	Y	Absent		DISSGAS-CO2(7)
L2415362-06G	Vial unpreserved 20ml	A	NA		3.4	Y	Absent		DISSGAS-CO2(7)

Project Name: JMA WIRELESS/FORMER COYNE TEXT**Lab Number:** L2415362**Project Number:** 059294.003**Report Date:** 04/04/24**Container Information**

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2415362-06H	Vial HCl preserved	A	NA		3.4	Y	Absent		SUB-DISSGAS(14)
L2415362-06I	Vial HCl preserved	A	NA		3.4	Y	Absent		SUB-DISSGAS(14)
L2415362-06J	Plastic 250ml unpreserved/No Headspace	A	NA		3.4	Y	Absent		ALK-T-2320(14)
L2415362-06K	Plastic 250ml unpreserved	A	7	7	3.4	Y	Absent		SO4-300(28),CL-300(28),NO3-353(2)
L2415362-06L	Plastic 250ml Zn Acetate/NaOH preserved	A	>9	>9	3.4	Y	Absent		SULFIDE-4500(7)
L2415362-06M	Plastic 250ml Zn Acetate/NaOH preserved	A	>9	>9	3.4	Y	Absent		SULFIDE-4500(7)
L2415362-06N	Plastic 250ml HNO3 preserved	A	<2	<2	3.4	Y	Absent		FE-6020T(180)
L2415362-07A	Vial HCl preserved	A	NA		3.4	Y	Absent		NYTCL-8260-R2(14)
L2415362-07B	Vial HCl preserved	A	NA		3.4	Y	Absent		NYTCL-8260-R2(14)

Project Name: JMA WIRELESS/FORMER COYNE TEXT
Project Number: 059294.003

Lab Number: L2415362
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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.

Report Format: DU Report with 'J' Qualifiers



Project Name: JMA WIRELESS/FORMER COYNE TEXT
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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/FORMER COYNE TEXT
Project Number: 059294.003

Lab Number: L2415362
Report Date: 04/04/24

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: JMA WIRELESS/FORMER COYNE TEXT
Project Number: 059294.003

Lab Number: L2415362
Report Date: 04/04/24

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.
- 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, Azobenzene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.

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

SM4500: NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO₂, NO₃.

Mansfield Facility

SM 2540D: TSS.

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

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

Biological Tissue Matrix: EPA 3050B

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

Westborough Facility:

Drinking Water

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

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

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

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

Non-Potable Water

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

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

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

EPA 624.1: Volatile Halocarbons & Aromatics,

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

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

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

Microbiology: SM9223B-Colilert-QT; Enterolert-QT, SM9221E, EPA 1600, EPA 1603, SM9222D.

Mansfield Facility:

Drinking Water

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

EPA 522, EPA 537.1.

Non-Potable Water


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

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

EPA 245.1 Hg.

SM2340B

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

 NEW YORK CHAIN OF CUSTODY Westborough, MA 01581 8 Walkup Dr. TEL: 508-898-9220 FAX: 508-898-9193	NEW YORK CHAIN OF CUSTODY 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		Date Rec'd in Lab	03/22/24	ALPHA Job #	12415362																																																																																																																																																									
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Client Information Client: <u>CHA Consulting</u> Address: <u>300 S. State St.</u> <u>Syracuse NY 13202</u> Phone: <u>315-257-7250</u> Fax: _____ Email: <u>lehmann@chaglobal.com</u>		Project Information Project Name: <u>JMA Wireless / Fiber Layne Textile</u> Project Location: <u>Syracuse NY</u> Project # <u>059244.003</u> (Use Project name as Project #) <input type="checkbox"/>		Deliverables: <input type="checkbox"/> ASP-A <input type="checkbox"/> EQUIS (1 File) <input type="checkbox"/> Other		<input checked="" type="checkbox"/> ASP-B <input checked="" type="checkbox"/> EQUIS (4 File)		Billing Information <input type="checkbox"/> Same as Client Info PO # <u>Will Provide</u>																																																																																																																																																									
		Project Manager: <u>Sam Miller</u> ALPHAQuote #: <u>Q263A5</u> Turn-Around Time Standard <input checked="" type="checkbox"/> Rush (only if pre approved) <input type="checkbox"/>		Due Date: _____ # of Days: _____		Regulatory Requirement <input checked="" type="checkbox"/> NY TOGS <input type="checkbox"/> AWQ Standards <input type="checkbox"/> NY Restricted Use <input type="checkbox"/> NY Unrestricted Use <input type="checkbox"/> NYC Sewer Discharge		<input type="checkbox"/> NY Part 375 <input type="checkbox"/> NY CP-51 <input type="checkbox"/> Other: _____		Disposal Site Information 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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<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">NYTL 826D</th> <th rowspan="2">TOL</th> <th rowspan="2">Iron 601D</th> <th rowspan="2">DISSGAS C2</th> <th rowspan="2">DISSGAS</th> <th rowspan="2">Sulfide 4SD</th> <th rowspan="2">AIK-T-232D</th> <th rowspan="2">SO4 CL NO3</th> <th rowspan="2">Sample Specific Comments</th> </tr> <tr> <th>Date</th> <th>Time</th> </tr> </thead> <tbody> <tr> <td>15362-01</td> <td>MW-1RSD-20240320</td> <td>3-20-24</td> <td>0930</td> <td>G</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>perform MS/MSD</td> </tr> <tr> <td>-01</td> <td>MS-20240320</td> <td></td> <td>0930</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>-01</td> <td>MSD-20240320</td> <td></td> <td>0930</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>-02</td> <td>MW-5R-20240320</td> <td></td> <td>1130</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>-03</td> <td>MW-6R-20240320</td> <td></td> <td>1310</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>-04</td> <td>MW-7R-20240320</td> <td></td> <td>1445</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>-05</td> <td>CHA-1-20240320</td> <td></td> <td>0900</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>-06</td> <td>MW-4-20240321</td> <td>3-21-24</td> <td>0820</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>-07</td> <td>Trip Blank</td> <td></td> <td></td> <td></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	NYTL 826D	TOL	Iron 601D	DISSGAS C2	DISSGAS	Sulfide 4SD	AIK-T-232D	SO4 CL NO3	Sample Specific Comments	Date	Time	15362-01	MW-1RSD-20240320	3-20-24	0930	G	KE/AH	X	X	X	X	X	X	X	X	perform MS/MSD	-01	MS-20240320		0930			X	X	X	X	X	X	X	X		-01	MSD-20240320		0930			X	X	X	X	X	X	X	X		-02	MW-5R-20240320		1130			X	X	X	X	X	X	X	X		-03	MW-6R-20240320		1310			X	X	X	X	X	X	X	X		-04	MW-7R-20240320		1445			X	X	X	X	X	X	X	X		-05	CHA-1-20240320		0900			X	X	X	X	X	X	X	X		-06	MW-4-20240321	3-21-24	0820			X	X	X	X	X	X	X	X		-07	Trip Blank					X									Westboro: Certification No: MA935 Mansfield: Certification No: MA015		Container Type Preservative		V V P V V P P P B D C A B Y E A A		Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS. (See reverse side.)	
ALPHA Lab ID (Lab Use Only)	Sample ID			Collection													Sample Matrix	Sampler's Initials	NYTL 826D	TOL	Iron 601D	DISSGAS C2	DISSGAS	Sulfide 4SD	AIK-T-232D	SO4 CL NO3	Sample Specific Comments																																																																																																																																						
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Relinquished By: <u>Andrew Halper</u> Date/Time: <u>3-21-24 1140</u>		Received By: _____ Date/Time: <u>3/21/24 1145</u>		Relinquished By: _____ Date/Time: _____		Received By: _____ Date/Time: <u>3/21/24 0050</u>																																																																																																																																																											



ANALYTICAL REPORT

March 28, 2024

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Pace Analytical (Alpha) - Westborough, MA

Sample Delivery Group: L1718666
 Samples Received: 03/26/2024
 Project Number: L2415362
 Description:

Report To: Melissa Deyo
 8 Walkup Drive
 Westborough, MA 01581










Entire Report Reviewed By:

Haley Torrence
 Project Manager

Results relate only to the items tested or calibrated and are reported as rounded values. This test report shall not be reproduced, except in full, without written approval of the laboratory. Where applicable, sampling conducted by Pace Analytical National is performed per guidance provided in laboratory standard operating procedures ENV-SOP-MTJL-0067 and ENV-SOP-MTJL-0068. Where sampling conducted by the customer, results relate to the accuracy of the information provided, and as the samples are received.

Pace Analytical National

12065 Lebanon Rd Mount Juliet, TN 37122 615-758-5858 800-767-5859 www.pacenational.com

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MW-5R-20240320 L1718666-02	6	
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MW-4-20240320 L1718666-06	10	
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SAMPLE SUMMARY

Serial_No:04042414:41

MW-105D-20240320 L1718666-01 GW

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Collected by				Collected date/time	Received date/time	
Volatile Organic Compounds (GC) by Method RSK175	WG2254257	1	03/27/24 15:42	03/27/24 15:42	CCM	Mt. Juliet, TN

1 Cp

2 Tc

MW-5R-20240320 L1718666-02 GW

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Collected by				Collected date/time	Received date/time	
Volatile Organic Compounds (GC) by Method RSK175	WG2254257	1	03/27/24 15:47	03/27/24 15:47	CCM	Mt. Juliet, TN

3 Ss

4 Cn

5 Sr

MW-6R-20240320 L1718666-03 GW

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Collected by				Collected date/time	Received date/time	
Volatile Organic Compounds (GC) by Method RSK175	WG2254257	1	03/27/24 15:56	03/27/24 15:56	CCM	Mt. Juliet, TN

6 Qc

7 Gl

8 Al

MW-7R-20240320 L1718666-04 GW

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Collected by				Collected date/time	Received date/time	
Volatile Organic Compounds (GC) by Method RSK175	WG2254257	1	03/27/24 16:05	03/27/24 16:05	CCM	Mt. Juliet, TN

9 Sc

CHA-1-20240320 L1718666-05 GW

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Collected by				Collected date/time	Received date/time	
Volatile Organic Compounds (GC) by Method RSK175	WG2254257	1	03/27/24 16:10	03/27/24 16:10	CCM	Mt. Juliet, TN

MW-4-20240320 L1718666-06 GW

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Collected by				Collected date/time	Received date/time	
Volatile Organic Compounds (GC) by Method RSK175	WG2254257	1	03/27/24 16:15	03/27/24 16:15	CCM	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method RSK175	WG2255277	10	03/27/24 17:07	03/27/24 17:07	CCM	Mt. Juliet, TN

All sample aliquots were received at the correct temperature, in the proper containers, with the appropriate preservatives, and within method specified holding times, unless qualified or notated within the report. Where applicable, all MDL (LOD) and RDL (LOQ) values reported for environmental samples have been corrected for the dilution factor used in the analysis. All Method and Batch Quality Control are within established criteria except where addressed in this case narrative, a non-conformance form or properly qualified within the sample results. By my digital signature below, I affirm to the best of my knowledge, all problems/anomalies observed by the laboratory as having the potential to affect the quality of the data have been identified by the laboratory, and no information or data have been knowingly withheld that would affect the quality of the data.



Haley Torrence
Project Manager

- ¹ Cp
- ² Tc
- ³ Ss
- ⁴ Cn
- ⁵ Sr
- ⁶ Qc
- ⁷ Gl
- ⁸ Al
- ⁹ Sc

Volatile Organic Compounds (GC) by Method RSK175

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis date / time	Batch
Methane	1890		2.91	10.0	1	03/27/2024 15:42	WG2254257
Ethane	U		4.07	13.0	1	03/27/2024 15:42	WG2254257
Ethene	U		4.26	13.0	1	03/27/2024 15:42	WG2254257
Propane	U		5.48	18.6	1	03/27/2024 15:42	WG2254257

- ¹Cp
- ²Tc
- ³Ss
- ⁴Cn
- ⁵Sr
- ⁶Qc
- ⁷Gl
- ⁸Al
- ⁹Sc

Volatile Organic Compounds (GC) by Method RSK175

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis date / time	Batch
Methane	788		2.91	10.0	1	03/27/2024 15:47	WG2254257
Ethane	37.8		4.07	13.0	1	03/27/2024 15:47	WG2254257
Ethene	22.5		4.26	13.0	1	03/27/2024 15:47	WG2254257
Propane	U		5.48	18.6	1	03/27/2024 15:47	WG2254257

- ¹Cp
- ²Tc
- ³Ss
- ⁴Cn
- ⁵Sr
- ⁶Qc
- ⁷Gl
- ⁸Al
- ⁹Sc

Volatile Organic Compounds (GC) by Method RSK175

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis date / time	Batch
Methane	4730		2.91	10.0	1	03/27/2024 15:56	WG2254257
Ethane	259		4.07	13.0	1	03/27/2024 15:56	WG2254257
Ethene	515		4.26	13.0	1	03/27/2024 15:56	WG2254257
Propane	U		5.48	18.6	1	03/27/2024 15:56	WG2254257

- 1 Cp
- 2 Tc
- 3 Ss
- 4 Cn
- 5 Sr
- 6 Qc
- 7 Gl
- 8 Al
- 9 Sc

Volatile Organic Compounds (GC) by Method RSK175

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis date / time	Batch
Methane	4040		2.91	10.0	1	03/27/2024 16:05	WG2254257
Ethane	11.5	J	4.07	13.0	1	03/27/2024 16:05	WG2254257
Ethene	28.9		4.26	13.0	1	03/27/2024 16:05	WG2254257
Propane	U		5.48	18.6	1	03/27/2024 16:05	WG2254257

- 1 Cp
- 2 Tc
- 3 Ss
- 4 Cn
- 5 Sr
- 6 Qc
- 7 Gl
- 8 Al
- 9 Sc

Volatile Organic Compounds (GC) by Method RSK175

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis date / time	Batch
Methane	846		2.91	10.0	1	03/27/2024 16:10	WG2254257
Ethane	39.3		4.07	13.0	1	03/27/2024 16:10	WG2254257
Ethene	24.7		4.26	13.0	1	03/27/2024 16:10	WG2254257
Propane	U		5.48	18.6	1	03/27/2024 16:10	WG2254257

- 1 Cp
- 2 Tc
- 3 Ss
- 4 Cn
- 5 Sr
- 6 Qc
- 7 Gl
- 8 Al
- 9 Sc

Volatile Organic Compounds (GC) by Method RSK175

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis date / time	Batch
Methane	8800		29.1	100	10	03/27/2024 17:07	WG2255277
Ethane	604		4.07	13.0	1	03/27/2024 16:15	WG2254257
Ethene	90.6		4.26	13.0	1	03/27/2024 16:15	WG2254257
Propane	U		5.48	18.6	1	03/27/2024 16:15	WG2254257

- ¹Cp
- ²Tc
- ³Ss
- ⁴Cn
- ⁵Sr
- ⁶Qc
- ⁷Gl
- ⁸Al
- ⁹Sc

Method Blank (MB)

(MB) R4050683-2 03/27/24 15:09

Analyte	MB Result	MB Qualifier	MB MDL	MB RDL
	ug/l		ug/l	ug/l
Methane	U		2.91	10.0
Ethane	U		4.07	13.0
Ethene	U		4.26	13.0
Propane	U		5.48	18.6

¹ Cp

² Tc

³ Ss

⁴ Cn

⁵ Sr

⁶ Qc

⁷ Gl

⁸ Al

⁹ Sc

L1718034-01 Original Sample (OS) • Duplicate (DUP)

(OS) L1718034-01 03/27/24 15:12 • (DUP) R4050683-3 03/27/24 16:02

Analyte	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
	ug/l	ug/l		%		%
Methane	U	U	1	0.000		20
Ethane	U	U	1	0.000		20
Ethene	U	U	1	0.000		20
Propane	U	U	1	0.000		20

L1718666-05 Original Sample (OS) • Duplicate (DUP)

(OS) L1718666-05 03/27/24 16:10 • (DUP) R4050683-4 03/27/24 16:21

Analyte	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
	ug/l	ug/l		%		%
Methane	846	850	1	0.472		20
Ethane	39.3	39.6	1	0.760		20
Ethene	24.7	24.7	1	0.000		20
Propane	U	U	1	0.000		20

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R4050683-1 03/27/24 15:06 • (LCSD) R4050683-5 03/27/24 16:27

Analyte	Spike Amount	LCS Result	LCSD Result	LCS Rec.	LCSD Rec.	Rec. Limits	LCS Qualifier	LCSD Qualifier	RPD	RPD Limits
	ug/l	ug/l	ug/l	%	%	%			%	%
Methane	67.8	66.4	71.5	97.9	105	85.0-115			7.40	20
Ethane	129	122	123	94.6	95.3	85.0-115			0.816	20
Ethene	127	121	123	95.3	96.9	85.0-115			1.64	20
Propane	186	171	171	91.9	91.9	85.0-115			0.000	20

Method Blank (MB)

(MB) R4050731-2 03/27/24 16:47

Analyte	MB Result	MB Qualifier	MB MDL	MB RDL
Methane	U		2.91	10.0

1 Cp

2 Tc

3 Ss

L1718385-01 Original Sample (OS) • Duplicate (DUP)

(OS) L1718385-01 03/27/24 16:50 • (DUP) R4050731-3 03/27/24 17:12

Analyte	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
Methane	24700	25000	10	1.21		20

4 Cn

5 Sr

6 Qc

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R4050731-1 03/27/24 16:44 • (LCSD) R4050731-4 03/27/24 17:17

Analyte	Spike Amount	LCS Result	LCSD Result	LCS Rec.	LCSD Rec.	Rec. Limits	LCS Qualifier	LCSD Qualifier	RPD	RPD Limits
Methane	67.8	71.0	64.0	105	94.4	85.0-115			10.4	20

7 Gl

8 Al

9 Sc

Guide to Reading and Understanding Your Laboratory Report

The information below is designed to better explain the various terms used in your report of analytical results from the Laboratory. This is not intended as a comprehensive explanation, and if you have additional questions please contact your project representative.

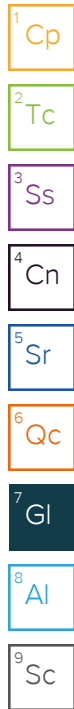
Results Disclaimer - Information that may be provided by the customer, and contained within this report, include Permit Limits, Project Name, Sample ID, Sample Matrix, Sample Preservation, Field Blanks, Field Spikes, Field Duplicates, On-Site Data, Sampling Collection Dates/Times, and Sampling Location. Results relate to the accuracy of this information provided, and as the samples are received.

Abbreviations and Definitions

MDL	Method Detection Limit.
RDL	Reported Detection Limit.
Rec.	Recovery.
RPD	Relative Percent Difference.
SDG	Sample Delivery Group.
U	Not detected at the Reporting Limit (or MDL where applicable).
Analyte	The name of the particular compound or analysis performed. Some Analyses and Methods will have multiple analytes reported.
Dilution	If the sample matrix contains an interfering material, the sample preparation volume or weight values differ from the standard, or if concentrations of analytes in the sample are higher than the highest limit of concentration that the laboratory can accurately report, the sample may be diluted for analysis. If a value different than 1 is used in this field, the result reported has already been corrected for this factor.
Limits	These are the target % recovery ranges or % difference value that the laboratory has historically determined as normal for the method and analyte being reported. Successful QC Sample analysis will target all analytes recovered or duplicated within these ranges.
Original Sample	The non-spiked sample in the prep batch used to determine the Relative Percent Difference (RPD) from a quality control sample. The Original Sample may not be included within the reported SDG.
Qualifier	This column provides a letter and/or number designation that corresponds to additional information concerning the result reported. If a Qualifier is present, a definition per Qualifier is provided within the Glossary and Definitions page and potentially a discussion of possible implications of the Qualifier in the Case Narrative if applicable.
Result	The actual analytical final result (corrected for any sample specific characteristics) reported for your sample. If there was no measurable result returned for a specific analyte, the result in this column may state "ND" (Not Detected) or "BDL" (Below Detectable Levels). The information in the results column should always be accompanied by either an MDL (Method Detection Limit) or RDL (Reporting Detection Limit) that defines the lowest value that the laboratory could detect or report for this analyte.
Uncertainty (Radiochemistry)	Confidence level of 2 sigma.
Case Narrative (Cn)	A brief discussion about the included sample results, including a discussion of any non-conformances to protocol observed either at sample receipt by the laboratory from the field or during the analytical process. If present, there will be a section in the Case Narrative to discuss the meaning of any data qualifiers used in the report.
Quality Control Summary (Qc)	This section of the report includes the results of the laboratory quality control analyses required by procedure or analytical methods to assist in evaluating the validity of the results reported for your samples. These analyses are not being performed on your samples typically, but on laboratory generated material.
Sample Chain of Custody (Sc)	This is the document created in the field when your samples were initially collected. This is used to verify the time and date of collection, the person collecting the samples, and the analyses that the laboratory is requested to perform. This chain of custody also documents all persons (excluding commercial shippers) that have had control or possession of the samples from the time of collection until delivery to the laboratory for analysis.
Sample Results (Sr)	This section of your report will provide the results of all testing performed on your samples. These results are provided by sample ID and are separated by the analyses performed on each sample. The header line of each analysis section for each sample will provide the name and method number for the analysis reported.
Sample Summary (Ss)	This section of the Analytical Report defines the specific analyses performed for each sample ID, including the dates and times of preparation and/or analysis.

Qualifier Description

J	The identification of the analyte is acceptable; the reported value is an estimate.
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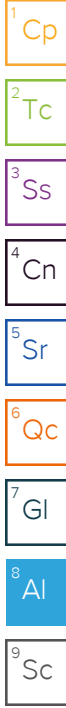
Pace Analytical National 12065 Lebanon Rd Mount Juliet, TN 37122


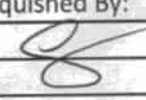
Alabama	40660	Nebraska	NE-OS-15-05
Alaska	17-026	Nevada	TN000032021-1
Arizona	AZ0612	New Hampshire	2975
Arkansas	88-0469	New Jersey–NELAP	TN002
California	2932	New Mexico ¹	TN00003
Colorado	TN00003	New York	11742
Connecticut	PH-0197	North Carolina	Env375
Florida	E87487	North Carolina ¹	DW21704
Georgia	NELAP	North Carolina ³	41
Georgia ¹	923	North Dakota	R-140
Idaho	TN00003	Ohio–VAP	CL0069
Illinois	200008	Oklahoma	9915
Indiana	C-TN-01	Oregon	TN200002
Iowa	364	Pennsylvania	68-02979
Kansas	E-10277	Rhode Island	LA000356
Kentucky ^{1,6}	KY90010	South Carolina	84004002
Kentucky ²	16	South Dakota	n/a
Louisiana	AI30792	Tennessee ^{1,4}	2006
Louisiana	LA018	Texas	T104704245-20-18
Maine	TN00003	Texas ⁵	LAB0152
Maryland	324	Utah	TN000032021-11
Massachusetts	M-TN003	Vermont	VT2006
Michigan	9958	Virginia	110033
Minnesota	047-999-395	Washington	C847
Mississippi	TN00003	West Virginia	233
Missouri	340	Wisconsin	998093910
Montana	CERT0086	Wyoming	A2LA
A2LA – ISO 17025	1461.01	AIHA-LAP,LLC EMLAP	100789
A2LA – ISO 17025 ⁵	1461.02	DOD	1461.01
Canada	1461.01	USDA	P330-15-00234
EPA–Crypto	TN00003		

¹ Drinking Water ² Underground Storage Tanks ³ Aquatic Toxicity ⁴ Chemical/Microbiological ⁵ Mold ⁶ Wastewater n/a Accreditation not applicable

* Not all certifications held by the laboratory are applicable to the results reported in the attached report.

* Accreditation is only applicable to the test methods specified on each scope of accreditation held by Pace Analytical.



		Subcontract Chain of Custody Pace Analytical National 12065 Lebanon Road Mt. Juliet, TN 37122		Alpha Job Number L2415362	
Client Information		Project Information		Regulatory Requirements/Report Limits	
Client: Alpha Analytical Labs Address: Eight Walkup Drive Westborough, MA 01581-1019 Phone: 716.427.5229 Email: Melissa.Deyo@pacelabs.com		Project Location: NY Project Manager: Melissa Deyo Turnaround & Deliverables Information Due Date: Deliverables:		State/Federal Program: NYDOH Regulatory Criteria: NY-TOGS-GA	
Project Specific Requirements and/or Report Requirements					
Reference following Alpha Job Number on final report/deliverables: L2415362				Report to include Method Blank, LCS/LCSD:	
Additional Comments: Invoices to: invoices@pacelabs.coupahost.com Reports to: west.subreports@pacelabs.com ; Report to the MDL; ASP-B required; DISSGAS: Methane. Ethane & Ethene					
Lab ID	Client ID	Collection Date/Time	Sample Matrix	Analysis	Batch QC
-01	MW-105D-20240320	03-20-24 09:30	WATER	Dissolved Gasses	MS;MSD
-02	MW-5R-20240320	03-20-24 11:30	WATER	Dissolved Gasses	
-03	MW-6R-20240320	03-20-24 13:10	WATER	Dissolved Gasses	
-04	MW-7R-20240320	03-20-24 14:45	WATER	Dissolved Gasses	
-05	CHA-1-20240320	03-20-24 09:00	WATER	Dissolved Gasses	
-06	MW-4-20240320	03-21-24 08:20	WATER	Dissolved Gasses	
03/26/24 DRAG Sample Receipt Checklist COC Seal Present/Intact: <input checked="" type="checkbox"/> Y <input type="checkbox"/> N If Applicable COC Signed/Accurate: <input checked="" type="checkbox"/> Y <input type="checkbox"/> N VOA Zero Headspace: <input type="checkbox"/> Y <input checked="" type="checkbox"/> N Bottles arrive intact: <input checked="" type="checkbox"/> Y <input type="checkbox"/> N Pres. Correct/Check: <input type="checkbox"/> Y <input checked="" type="checkbox"/> N Correct bottles used: <input checked="" type="checkbox"/> Y <input type="checkbox"/> N Sufficient volume sent: <input checked="" type="checkbox"/> Y <input type="checkbox"/> N RA Screen <0.5 mR/hr: <input checked="" type="checkbox"/> Y <input type="checkbox"/> N					
Relinquished By:		Date/Time:	Received By:	Date/Time:	
		3/26/24	Deyo MK	3/26/24 0800	
Form No: AL_subcoc					

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