2024 Periodic Review Report

Location:

Former Roblin Steel Site
320 South Roberts Road, Dunkirk, New York
NYSDEC Site No. B00173-9

Prepared for:

Chautauqua County Department of Public Facilities
454 North Work Street
Falconer, New York

LaBella Project No. 2200014

March 3, 2025

Olympic Towers, 300 Pearl Street, Suite 130 | Buffalo, NY 14202 | p 716-551-6281 | f 716-551-6282

www.labellapc.com

Table of Contents

TABLE OF CONTENTS

Continued

1.0 EXECUTIVE SUMMARY

This Periodic Review Report (PRR) is a required element of the approved Site Management Plan (SMP) (June 2021 revision) for the former Roblin Steel Site in Dunkirk, New York. The Site was remediated in accordance with State Assistance Contract (SAC) No. C302808, Site No. B00173-9, which was executed on December 12, 2005.

1.1 Site Summary

The former Roblin Steel Site (hereafter referred to as the "Site") occupies approximately 12 acres of a former industrial park in the City of Dunkirk, Chautauqua County, New York. Historically, the Site contained numerous buildings, the last of which was demolished as part of remedial activities conducted in 2010. The Site is located in an area zoned for industrial use. An environmental investigation conducted at the Site revealed that contamination associated with historical operations had impacted the Site, necessitating remedial activities. The remedial activities were completed pursuant to the Environmental Restoration Program component of Title 5 of the Clean Water/Clean Air Bond Act of 1996, which was administered by the New York State Department of Environmental Conservation (NYSDEC). Following completion of the remedial work described in the Remedial Action Work Plan (RAWP), some contamination was left in the subsurface of the Site, which is hereafter referred to as "remaining contamination." The remedial efforts also included development of a SMP to manage the remaining contamination at the Site in perpetuity or until extinguishment of the Environmental Easement that was placed on the Site, in accordance with Environmental Conservation Law (ECL) Article 71, Title 36.

1.2 Effectiveness of Remedial Program

Based on a recent inspection of the Site, the Site soil cover system is intact and functioning as designed on the Site.

As a result of increases in total VOC concentrations in laboratory groundwater analytical results associated with the sampling of MW-07R and EX-MW-11R, in December 2021 and March 2022, the NYSDEC requested a Corrective Measures Work Plan (CMWP). Such was submitted to the NYSDEC in September 2022 and included a scope of work for the installation of one new permanent groundwater monitoring well (MW-13) between MW-07R and the north property boundary and an injection event proximate both MW-07R and EX-MW-11R. Monitoring well MW-13 was installed on December 6, 2022, and subsequently sampled on December 13, 2022. In addition, injection events were proposed in an effort to further breakdown the VOC concentrations proximate MW-07R and EX-MW-11R. An injection permit was submitted to the United States Environmental Protection Agency (USEPA) in late November 2022 and injections were completed in April 2023.

Total VOC concentrations have decreased or remained consistent in EX-MW-12, MW-02R, MW-04, and MW-13 since the December 2023 sampling events. Total VOC concentrations in MW-07R, EX-MW-11R and MW-09R have increased since the December 2023 sampling events.

Injections were completed in April 2023 as part of a NYSDEC-approved CMWP in an effort to mitigate an increase in total VOC concentrations identified proximate both MW-07R and EX-MW-11R during the December 2021 and March 2022 sampling events. An increase in total VOC concentrations may occur proximate these well locations over time as the remedial measures take effect, prior to a presumed decreasing trend in overall VOC concentrations, as constituents begin to break down. As a result, continued monitoring of contaminant levels at these wells, in addition to the remaining on-site well locations, is recommended at this time. Furthermore, based on limited laboratory analytical data collected to date from MW-13, it does not appear that contaminant migration is occurring toward the north adjacent property from the area proximate MW-07R. Contaminant concentrations in MW-07R and MW-13 should continue to be monitored to assure that off-site migration of VOCs is not occurring as a result of the impact identified proximate MW-07R.D

1.3 Non-Compliance

No areas of non-compliance regarding the major elements of the SMP were identified during the preparation of this PRR. No change of use, groundwater use, excavations or imports occurred during the certifying period.

1.4 Recommendations

Overall, the remedial program is viewed to be effective in achieving the remedial objectives for the Site.

No changes to the SMP or the frequency of PRR submissions are recommended at this time with the exception of the proper decommissioning of MW-01, at the discretion of the established remedial party.

Injections were completed in April 2023 as part of a NYSDEC-approved CMWP in an effort to mitigate an increase in total VOC concentrations identified proximate both MW-07R and EX-MW-11R during the December 2021 and March 2022 sampling events. An increase in total VOC concentrations may occur proximate these well locations over time as the remedial measures take effect, prior to a presumed decreasing trend in overall VOC concentrations, as constituents begin to break down. As a result, continued monitoring of contaminant levels at these wells, in addition to the remaining onsite well locations, is recommended at this time. Furthermore, based on limited laboratory analytical data collected to date from MW-13, it does not appear that contaminant migration is occurring toward the north adjacent property from the area proximate MW-07R. Contaminant concentrations in MW-07R and MW-13 should continue to be monitored to assure that off-site migration of VOCs is not occurring as a result of the impact identified proximate MW-07R.

2.0 SITE OVERVIEW

The Site is located at 320 South Roberts Road in the City of Dunkirk, New York. Figure 1 shows the location of the Site and Figure 2 is the Site plan that depicts the Site configuration and location of the groundwater monitoring well network. Progress Drive transects the eastern portion of the Site in a northeast-southwest direction. As a result, a portion of the Site is located east of the roadway and separated from the remainder of the Site. The Site is located in an area zoned for industrial use. A mixture of commercial, industrial and residential properties comprises the land use in the Site's vicinity.

The Site is bounded to the north by an active CSX rail yard; to the east by active Norfolk Southern railroad tracks; to the south by the Former Alumax extrusions property; and to the west by a recently constructed freezer warehouse facility.

Residential properties are located to the northwest and south of the Site beyond the adjoining properties. Lake Erie is situated approximately 3,400 feet to the northwest of the Site. Hyde Creek is located approximately 100 feet from the northeast corner of the Site.

2.1 Site Background

The Site occupies approximately 12 acres of a former industrial park. Historically, the Site contained a large complex of industrial buildings. The last remaining building was demolished as part of the 2010 remedial activities. The adjoining properties located in the former industrial park include the Former Alumax Extrusions property located to the south and the recently redeveloped Former Edgewood Warehouse property located to the west. In 1910, all three of these properties were developed as part of a larger industrial complex operated by the American Locomotive Company. The Site was later used for steel reclamation; however, operations ceased in 1987. Following this closure, salvage operations dismantled and partially demolished a majority of the Site structures throughout the late 1980s and early 1990s. Since that time, the Site has been vacant.

Following acquisition of the Site by Chautauqua County in December 2001, the site was investigated and remediated pursuant to the SAC executed between the County and NYSDEC. The remediation of the site was completed in September 2010 and rendered the site suitable for commercial or industrial use. Details pertaining to the remedial investigation and remedial construction program completed at the Site are summarized in Section 2.2 below.

In May 2013, the construction of a new public roadway through a portion of the site was initiated. The soil cover system established as part of the previous remediation of the Site was disturbed in conjunction with the construction of the new roadway in the Summer/Fall of 2014. Disturbance of the soil cover was completed in accordance with the provisions of the Excavation Work Plan (EWP) contained in the SMP. The cover system was restored by the end of 2014 in accordance with the Record of Decision (ROD) and the SMP upon completion of the new roadway.

2.2 Remedial Program Overview

As indicated above, a remedial investigation was conducted at the Site between 2002 and 2003. Such revealed that contamination associated with historical operations had impacted the Site, necessitating remedial activities. The NYSDEC issued a ROD in March 2005.
The ROD identified seven impacted Media Groups (MGs) associated with the Site. The MGs included:

- Surface soil/fill debris piles;
- Subsurface soil/fill impacted with chlorinated volatile organic compounds (VOCs);
- Subsurface soil/fill impacted with polyaromatic hydrocarbons and metals, and/or petroleum nuisance characteristics;
- Drainage features and contents;
- Building components;
- Concrete and surface soil impacted with polychlorinated biphenyls (PCBs); and,
- Groundwater impacted with VOCs.

The RAWP prepared in February 2006 described the specific remedial activities that would be implemented at the Site to complete the remediation in accordance with the ROD. The remediation program included two distinct types of activities; those that were related to the removal or treatment of contaminated material (Phase I) and those that were directly related to the redevelopment and reuse of the Site (Phase II). The Phase I components included:

- Excavation and off-site disposal of surface soil/fill that exceeded the Site-Specific Cleanup Levels (SSCLs);
- Excavation and off-site disposal of subsurface soil/fill that exceeded SSCLs;
- Cleaning and filling of Site drainage features;
- Removal and disposal of PCB-containing electrical equipment;
- Removal and disposal of miscellaneous Site debris;
- Decommissioning of monitoring wells that were not part of the long-term monitoring program; and,
- Enhanced natural attenuation of Site groundwater.

The Phase II activities included the following:

- Removal of asbestos-containing materials (ACMs);
- Demolition of the building;
- Removal and crushing of the concrete slabs and top 12 inches of the foundations followed by the placement and grading of the crushed concrete on the Site;
- Placement of a demarcation layer (orange fencing) on top of the original Site surface covered by 12 inches of clean NYSDEC Division of Environmental Remediation (DER)-10 approved soil across the entirety of the Site; and
- Establishment of vegetative cover

Following completion of the remedial work described in the RAWP, some contamination may have been left in the subsurface of the Site. The remedial efforts also included development of the SMP (revised June 2021) to manage remaining contamination at the Site in perpetuity or until extinguishment of the Environmental Easement in accordance with ECL Article 71, Title 36.

As a result of increases in total VOC concentrations in laboratory groundwater analytical results associated with the sampling of MW-07R and EX-MW-11R, in December 2021 and March 2022, the NYSDEC requested a CMWP.

Such was submitted to the NYSDEC in September 2022 and included a scope of work for the installation of one new permanent groundwater monitoring well (MW-13) between MW-07R and the north property boundary and an injection event proximate both MW-07R and EX-MW-11R. An injection permit was submitted to the USEPA in late November 2022 and in-situ direct push injections were conducted between April 11 and April 17, 2023. The injections were performed using a direct hydraulic push rig around each well, over an approximately 1,600 square-foot area, with approximately 10-foot spacing, totaling 32 injection points. The target depths for treatment were 5 to 10 feet below ground surface. Provectus-IR was injected to address the chlorinated VOCs (cVOCs) proximate MW-07R and EX-MW-11R. Provectus is a unique mixture of reagents, including zero valent iron (ZVI) and organic carbon substrate, combined into a single technology that optimized in-situ reductive dechlorination.

In addition, approximately three liters of Dehalococcoides (DHC) was also injected as a bioaugmentation process, to assist in overall cVOC destruction. The DHC was spread over four injection points, approximate to each well area. The product vendor (Provectus) recommended a three-to-six-month lead time of supplemental sampling of MW-07R and EX-MW-11R, in order to allow the materials to perform properly to breakdown the cVOCs proximate each of the two wells.

3.0 EFFECTIVENESS OF THE REMEDIAL PROGRAM

All remedial actions described in the RAWP were completed during Phase I and Phase II of the remedial program. Remedial goals were accomplished through the removal and off-site disposal of contaminated media exceeding the SSCLs; removal of PCB equipment; enhanced natural attenuation of the Site groundwater; removal of ACMs; demolition of the Site building; and the installation of the Site-wide cover system to prevent exposure to remaining contamination in the subsurface.

As detailed below in Section 4.1.2, the Site Soil Cover System was inspected on December 18, 2024. Based on this inspection, the cover system is intact and functioning effectively throughout the Site.

As a result of increases in total VOC concentrations in laboratory groundwater analytical results associated with the sampling of MW-07R and EX-MW-11R, in December 2021 and March 2022, the NYSDEC requested a CMWP. Such was submitted to the NYSDEC in September 2022 and included a scope of work for the installation of one new permanent groundwater monitoring well (MW-13) between MW-07R and the north property boundary and an injection event proximate both MW-07R and EX-MW-11R. A new well was requested in order to assess total VOC concentrations proximate the north property boundary and to determine whether VOCs appeared to be migrating off-site to the north. In addition, the injection events were proposed in an effort to further breakdown the VOC concentrations proximate MW-07R and EX-MW-11R. An injection permit was submitted to the United States Environmental Protection Agency in late November 2022 and the injections were completed in April 2023.

Total VOC concentrations have decreased or remained consistent in EX-MW-12, MW-02R, MW-04, and MW-13 since the December 2023 sampling events. Total VOC concentrations in MW-07R, EX-MW-11R and MW-09R have increased since the December 2023 sampling events. Injections were completed in April 2023 as part of a NYSDEC-approved CMWP in an effort to mitigate an increase in total VOC concentrations identified proximate both MW-07R and EX-MW-11R during the December 2021 and March 2022 sampling events. The continued monitoring of contaminant levels at all well locations is recommended. An increase in total VOC concentrations may occur proximate these well locations over time as the remedial measures take effect, prior to a presumed decreasing trend in overall VOC concentrations, as constituents begin to break down. As a result, continued monitoring of contaminant levels at these wells, in addition to the remaining on-site well locations, is recommended at this time. Furthermore, based on limited laboratory analytical data collected to date from MW-13, it does not appear that contaminant migration is occurring toward the north adjacent property from the area proximate MW-07R. Contaminant concentrations in MW-07R and MW-13 should continue to be monitored to ensure that off-site migration of VOCs is not occurring as a result of the impact identified proximate MW-07R.

4.0 INSTITUTIONAL/ENGINEERING CONTROL (IC/EC) PLAN COMPLIANCE REPORT

4.1 IC/EC Requirements and Compliance

4.1.1 IC Requirements-Site Restrictions

In accordance with the SMP, the Site has a series of Institutional Controls (ICs) in the form of Site restrictions. Adherence to these ICs is required by the Environmental Easement. The Environmental Easement is described on the Boundary Survey of the Former Roblin Steel Site, included within Appendix 1. Site restrictions that apply are as follows:

- The Site may only be used for commercial or industrial use provided that the long-term ICs/Engineering Controls (ECs) included in the SMP are employed;
- The Site may not be used for a higher level of use, such as unrestricted, residential or restricted-residential use without additional remediation and amendment of the Environmental Easement, as approved by the NYSDEC;
- All future activities at the Site that will disturb remaining contaminated material must be conducted in accordance with the SMP;
- The use of groundwater underlying the Site is restricted as a source of potable or process water, without necessary water quality treatment, as determined by the Chautauqua County Department of Health;
- The potential for vapor intrusion must be evaluated for any buildings developed on the Site, and any potential impacts that are identified must be monitored and mitigated;
- The SMP will provide for the operation and maintenance of the components of the remedy;
- Vegetable gardens and farming on the Site are prohibited; and,
- The Site owner is required to provide an IC/EC certification, prepared and submitted by a professional engineer or environmental professional acceptable to the NYSDEC annually or for a period to be approved by the NYSDEC, which will certify that the ICs and ECs put in place are unchanged from the previous certification or that any changes to the controls were approved by the NYSDEC; and, nothing has occurred that impairs the ability of the controls to protect public health and environment or that constitute a violation or failure to comply with the SMP.

4.1.2 Engineering Control-Soil Cover System

Exposure to the remaining contamination in soil/fill at the Site is prevented by a soil cover system that was previously placed over the Site. This cover system is comprised of a minimum of 12 inches of clean soil overlaying a demarcation layer (orange plastic mesh material) over the entire surface of the Site. The EWP, which appears in Appendix A of the SMP, outlines the procedures that are required to be implemented in the event the cover system is breached, penetrated or temporarily removed, and any underlying remaining contamination is disturbed. The cover system is a permanent control, and the quality and integrity of this system will be inspected at defined, regular intervals in perpetuity.

On December 18, 2024, Mr. Brendan Sabuda of LaBella Associates, D.P.C. (LaBella) conducted the annual Site inspection, which included traversing the Site on foot to observe the current conditions. The Cover Inspection Form is included herein as Appendix 2. Appendix 3 includes photographs taken during the Site inspection.

With the exception of the Progress Drive corridor that crosses the Site, the Site is generally vacant and undeveloped, with vegetated soil cover occurring at the ground surface. The soil cover at the time of the Site inspection was observed to be intact and functioning as intended. The floor and walls of the storm water ditches associated with Progress Drive were covered with a coarse, low-lying vegetation. No evidence of erosion or exposed synthetic erosion control fabric was observed within or adjacent to the ditches. Furthermore, the asphalt road surface was observed to be in good condition.

4.1.3 Engineering Control-Sub-Slab Vapor Venting System

No sub-slab vapor venting system (SSVVS) was installed as part of the Site remedy. However, any potential new structures constructed on the Site as part of Site redevelopment may be equipped with a SSVVS, if warranted. The design and sampling of the SSVVS will be performed in accordance with NYSDEC and New York State Department of Health (NYSDOH) guidance at the time the system is installed. The ultimate design of the SSVS will be dependent upon the size and configuration of any newly constructed buildings. Therefore, the specific components of the SSVVS have not been determined.

4.2 IC/EC Certification

The IC/EC Certification Form was completed in its entirety as all ICs/ECs are in place for the Site per the SMP. Appendix 4 includes the NYSDEC "Site Management Periodic Review Report Notice-Institutional and Engineering Controls Certification Form."

5.0 MONITORING PLAN COMPLIANCE REPORT

5.1 Requirements

Sections 3.0 and 5.0 of the SMP describe the measures for evaluating: (1) the performance and effectiveness of the remedy to reduce or mitigate contamination at the Site; (2) the soil cover system; and (3) all affected Site Media.

Such Sections describe the methods to be used for:

- Sampling and analysis of all appropriate media (e.g., groundwater, indoor air, soil vapor, soils);
- Assessing compliance with applicable NYSDEC standards, criteria and guidance, particularly ambient groundwater standards;
- Monitoring the cover system;
- Assessing achievement of the remedial performance criteria;
- Evaluating Site information periodically to confirm that the remedy continues to be effective in protecting public health and the environment; and,
- Preparing the necessary reports for the various monitoring activities.

To adequately address these issues, these Sections provide information on:

- Sampling locations, protocol, and frequency;
- Information on all designed monitoring systems (e.g., well logs);
- Analytical sampling program requirements;
- Reporting requirements;
- Quality Assurance/Quality Control (QA/QC) requirements;
- Inspection and maintenance requirements for monitoring wells;
- Monitoring well decommissioning procedures; and,
- Annual inspection and periodic certification.

5.2 Groundwater Monitoring

The groundwater monitoring program is to be conducted on an annual basis for 30 years. Groundwater samples are analyzed for VOCs appearing on the United States Environmental Protection Agency (USEPA) Target Compound List (TCL). Trends in contaminant levels in groundwater are evaluated to determine if the remedy continues to be effective in achieving remedial goals.

The groundwater monitoring network prescribed in the SMP consists of seven monitoring wells, which includes MW-02R, MW-04, MW-07R, MW-09R, EX-MW11R, EX-MW-12 and MW-13. As noted in the 2021 PRR and observed during the annual site inspection and monitoring event conducted on December 13, 2022, MW-01 was previously damaged during construction of the freezer warehouse on the northwest adjacent property and is no longer part of the groundwater monitoring network. While MW-12 was removed from the groundwater monitoring network following completion of the December 2020 groundwater sampling event, depth to water was collected from MW-12 during the December 18, 2024, groundwater sampling event in order to assist in determining overall groundwater flow patterns at the Site. The NYSDEC authorized the omission of MW-01 and MW-12 from the groundwater monitoring network in the 2020 PRR response letter submitted by the NYSDEC on February 2, 2021.

A summary of the monitoring well data and groundwater elevations are presented below:

Well ID #	Top of Casing (in feet)	Depth to Water (in feet)	Groundwater Elevation (in feet)
MW-02R	616.96	5.73	611.23
MW-04	612.06	2.7	609.36
MW-07R	614.5	3.6	610.9
MW-09R	619.79	2.29	617.5
EX-MW-11R	616.87	5.21	611.66
EX-MW-12	615.86	4.98	610.88
MW-12	618.72	5.24	613.48
MW-13	615.82	4.62	611.2

5.2.1 Sampling Procedure

The seven groundwater monitoring wells were purged and sampled in general accordance with the procedures detailed in the SMP. This included three downgradient wells (MW-02R, MW-04, and EX-MW12) and the four wells located within areas of groundwater impacted with chlorinated VOCs (MW-09R, MW-07R, MW-13 and EX-MW11R). All monitoring well sampling activities were recorded on groundwater sampling logs, which are included as Appendix 5.

Other observations (e.g., well integrity, etc.) were also noted on the well sampling logs. Prior to the initiation of groundwater sampling, groundwater levels were measured with an electronic water level indicator to determine the static water level below the ground surface elevation. The groundwater levels were used to determine the volume of standing water in the wells.

Well purging consisted of using NYSDEC-approved low-flow purging techniques, utilizing a Geotech Geopump II Pump. The samples were collected within three hours of completion of well purging using the low-flow method previously identified.

Purge water from the wells was containerized in a 55-gallon drum and properly disposed of off-site by Environmental Services Group (ESG) on February 27, 2025, at their Tonawanda, New York facility. A copy of the waste stream documentation associated with disposal of the purge water is included in Appendix 8.

Sample volumes were collected into clean sample bottles containing hydrochloric acid preservative provided by the laboratory. The groundwater samples were submitted for analysis of TCL VOCs via USEPA Method 8260.

5.2.2 Sample Preservation and Handling

Immediately after collection, all samples were placed in a cooler and chilled with ice. To ensure sample integrity, a Chain-of-Custody (COC) sample record was established and kept with the samples to document each person that handled the samples. The samples were subsequently picked up by ALS Group USA, Corp., a NYSDOH Environmental Laboratory Accreditation Program certified laboratory for analysis.

The COC records established for the collected samples were maintained throughout the laboratory handling. Copies of the COC and complete analytical laboratory report are included in Appendix 6.

5.2.3 Quality Assurance/Quality Control Samples

In addition to field samples, QA/QC samples were collected to evaluate the effectiveness of the QA/QC procedures implemented during the field and laboratory activities associated with the project. The QA/QC samples included a blind field duplicate and a trip blank that were also analyzed for TCL VOCs.

Well sampling at the Site and adjoining, former Alumax Extrusions Site were conducted in conjunction with one another on December 18, 2024, and the samples from both sites were submitted to the laboratory together in one batch and recorded on one COC. As such, the blind field duplicate collected from the former Roblin Steel Site (collected from MW-04) and trip blank associated with the samples from both sites were utilized to evaluate the effectiveness of the QA/QC procedures for the Site.

A Data Usability Summary Report (DUSR) was generated by Data Val, Inc. on January 25, 2025. According to the DUSR, the laboratory analytical results are usable for this reporting period and added qualifiers do not appear to affect the conclusions and recommendations for this reporting period. A copy of the DUSR is included in Appendix 9.

5.2.4 Analytical Results

The following section summarizes and discusses the analytical results generated during the aforementioned monitoring event. For discussion purposes, this data is compared with the Standards Criteria and Guidance Values applicable to groundwater: NYSDEC's June 1998 Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations in the Technical and Operational Guidance Series (TOGS) 1.1.1.

Table 1 summarizes the groundwater pre- and post-remedial sampling results and compares the results to applicable water quality standards. Figure 2 depicts the locations of the monitoring wells while Figure 3 depicts apparent groundwater flow direction at the Site.

5.3 Comparisons with Remedial Objectives

As shown in Table 1, VOC concentrations were detected in all monitoring wells, with the exception of EX-MW-12, during this sampling event. Historical monitoring well data and trendlines are included in Appendix 7.

One VOC was detected in MW-04; however, the identified constituent concentration is well below the NYSDEC TOGS standard.

Five VOCs were detected in MW-02R including three VOCs (cis-1, 2-dichloroethene, vinyl chloride and benzene) at concentrations above NYSDEC TOGS Standards. Total VOC concentrations in this well have decreased since the December 2023 sampling event.

Six VOCs were detected in MW-09R including four VOCs (cis-1,2-dichloroethene, benzene, vinyl chloride, and Trichloroethene) at concentrations above NYSDEC TOGS Standards. Total VOC concentrations in this well have increased since the December 2023 sampling event, however, such are substantially lower than the maximum concentration detected at this location during the August 2010 sampling event.

Six VOCs were detected in EX-MW11R including four VOCs (1,1-Dichloroethane, cis-1,2-dichloroethene, trichloroethene and vinyl chloride) at concentrations above NYSDEC TOGS Standards. Total VOC concentrations in this well have increased since the December 2023 sampling event. Injections proximate this well were completed as part of a NYSDEC-approved CMWP.

Eight VOCs were detected in MW-07R including six VOCs (1,1-Dichloroethane, 1,1-Dichloroethene, cis-1,2-dichloroethene, trans-1,2-Dichloroethene, Trichloroethene and vinyl chloride) at concentrations above NYSDEC TOGS Standards. Total VOC concentrations in this well have increased slightly since the December 2023 sampling event. Injections proximate this well were completed as part of a NYSDEC-approved CMWP.

Four VOCs were detected in MW-13, including one VOC (vinyl chloride) at a concentration above the NYSDEC TOGS Standards. Total VOC concentrations in the well have decreased since the December 2023 sampling event. Injections proximate this well were completed as part of a NYSDEC-approved CMWP.

A comparison of the results from MW-04 with the blind field duplicate indicates that the data coincide.

5.4 Monitoring Deficiencies

No monitoring deficiencies have been identified during the course of this period review.

5.5 Groundwater Monitoring Conclusions and Recommendations

Total VOC concentrations have decreased or remained consistent in EX-MW-12, MW-02R, MW-04, and MW-13 since the December 2023 sampling events. Total VOC concentrations in MW-07R, EX-MW-11R and MW-09R have increased since the December 2023 sampling events. Injections were completed in April 2023 as part of a NYSDEC-approved CMWP in an effort to mitigate an increase in total VOC concentrations identified proximate both MW-07R and EX-MW-11R during the December 2021 and March 2022 sampling events. The continued monitoring of contaminant levels at all well locations is recommended. An increase in total VOC concentrations may occur proximate these well locations over time as the remedial measures take effect, prior to a presumed decreasing trend in overall VOC concentrations, as constituents begin to break down. As a result, continued monitoring of contaminant levels at these wells, in addition to the remaining on-site well locations, is recommended at this time.

It is also recommended that MW-01 be properly decommissioned due to its damaged condition, at the discretion of the established remedial party.

In consideration of the information above, no changes to the SMP or the frequency of PRR submissions are recommended at this time.

6.0 CONCLUSIONS AND RECOMMENDATIONS

The Site Soil Cover System was inspected on December 18, 2024, and was observed to be intact and functioning as designed throughout the Site.

Total VOC concentrations have decreased or remained consistent in EX-MW-12, MW-02R, MW-04, and MW-13 since the December 2023 sampling events. Total VOC concentrations in MW-07R, EX-MW-11R and MW-09R have increased since the December 2023 sampling events. Injections were completed in April 2023 as part of a NYSDEC-approved CMWP in an effort to mitigate an increase in total VOC concentrations identified proximate both MW-07R and EX-MW-11R during the December 2021 and March 2022 sampling events. The continued monitoring of contaminant levels at all well locations is recommended. An increase in total VOC concentrations may occur proximate these well locations over time as the remedial measures take effect, prior to a presumed decreasing trend in overall VOC concentrations, as constituents begin to break down. As a result, continued monitoring of contaminant levels at these wells, in addition to the remaining on-site well locations, is recommended at this time. Furthermore, based on limited laboratory analytical data collected to date from MW-13, it does not appear that contaminant migration is occurring toward the north adjacent property from the area proximate MW-07R. Contaminant concentrations in MW-07R and MW-13 should continue to be monitored to ensure that off-site migration of VOCs is not occurring as a result of the impact identified proximate MW-07R.

7.0 LIMITATIONS

The conclusions presented in this report are based on information gathered in accordance with generally acceptable professional consulting principles and practices. All conclusions reflect observable conditions existing at the time of the Site inspection. Information provided by outside sources (individuals, agencies, laboratories, etc.) as cited herein, was used in the assessment of the Site. The accuracy of the conclusions drawn from this assessment is, therefore, dependent upon the accuracy of information provided by these sources. Furthermore, LaBella is not responsible for the impacts of any changes in environmental standards, practices, or regulations subsequent to the performance of services.

This report is based upon the application of scientific principles and professional judgment to certain facts with resultant subjective interpretations. Professional judgments expressed herein are based upon the facts currently available with the limits of the existing data, scope of services, budget and schedule. To the extent that more definitive conclusions are desired by the Client than are warranted by the current available facts, it is specifically Labella's' intent that the conclusions and recommendations stated herein will be intended as guidance and not necessarily a firm course of action expect where explicitly stated as such. LaBella makes no warranties, expressed or implied including without limitation, warranties as to merchantability or fitness of a particular purpose. Furthermore, the information provided in this report is not construed as legal advice.

This assessment and report have been completed and prepared on behalf of and for the exclusive use of Chautauqua County. Any reliance on this report by a third party is at such party's sole risk.

8.0 REFERENCES

DER10/Technical Guidance for Site Investigation and Remediation, NYSDEC, May 3, 2010

Environmental Easement for 320 South Roberts Road, Chautauqua County Clerk, June 2011

Environmental Remediation of the Former Roblin Steel Site, NYSDEC Site No. B00173-9, Final Engineering Report, TVGA Consultants, November 2010

Environmental Restoration Record of Decision, Former Roblin Steel Site, Site Number B-00173, NYSDEC Division of Environmental Remediation, March 2005

Excavation Work Plan, Former Roblin Steel Site, TVGA Consultants, November 2010

Master Erosion Control Plan, Former Roblin Steel Site, TVGA Consultants, November 2010

Remedial Action Work Plan, TVGA Consultants, February 2006

Site Investigation/Remedial Alternatives Report, Former Roblin Steel Site, TVGA Consultants, December 2004

Revised Corrective Action Work Plan, Former Roblin Steel Site, KHEOPS Architecture, Engineering and Survey, DPC, April 3, 2015

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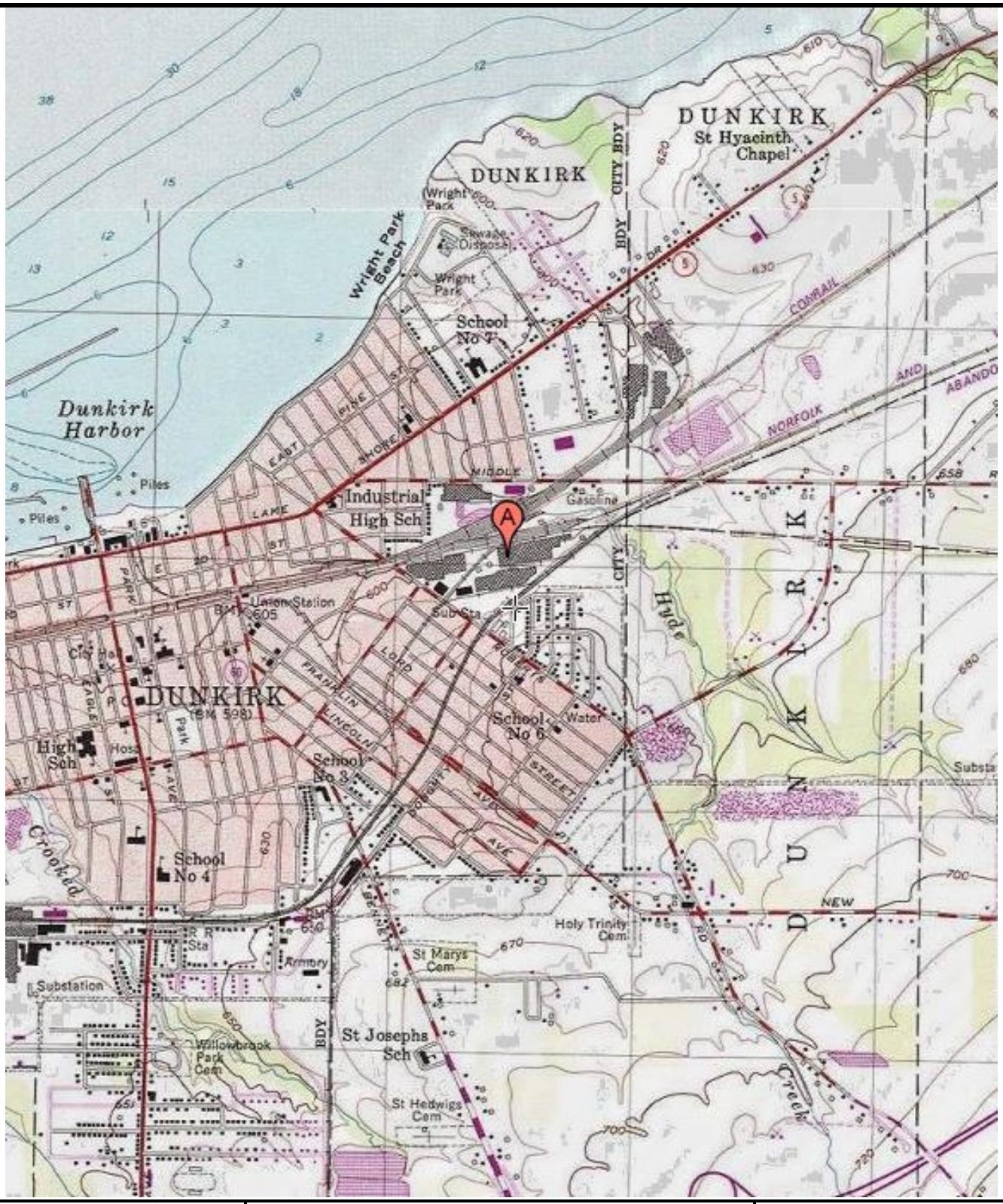
Site Management Plan, Former Roblin Steel Site, TVGA Consultants, November 2010 (updated by LaBella Associates, D.P.C., June 2021)

Corrective Measures Work Plan, Former Roblin Steel Site, LaBella Associates, D.P.C., August 2022

Periodic Review Report, Former Roblin Steel Site, LaBella Associates, D.P.C., February 2024

FIGURES



N

Not To Scale

FIGURE 1
SITE LOCATION MAP

Former Roblin Steel Site
320 South Roberts Road
Dunkirk, New York

LaBella
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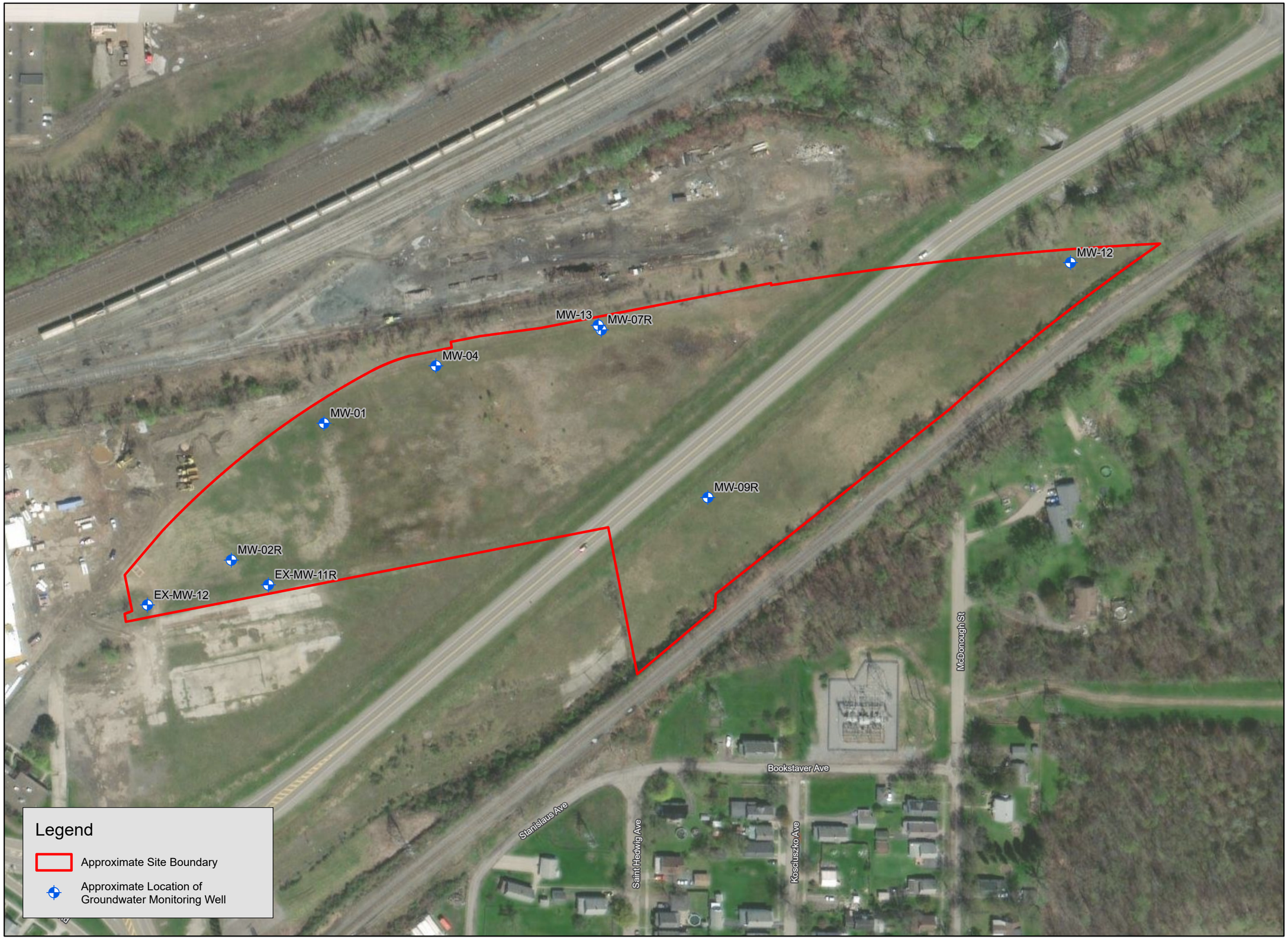
PROJECT NO. 2200014



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N
W E
S

0 100 200
Feet

INTENDED TO PRINT AS: 11" X 17"

PROJECT:

FORMER ROBLIN STEEL SITE

DRAWING NAME:

SITE PLAN

PROJECT #/DRAWING #/ DATE

2200014

FIGURE 2

01/15/2025

I:\Chautauqua County\2200014 - Dunkirk Brownfield Monitoring\Drawings\DIG\Maps\APRX\2023_01\RoblinSite_Fig2_Fig3\RoblinSite_Fig2_Fig3.aprx

LaBella
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N
W E
S

0 100 200
Feet

INTENDED TO PRINT AS: 11" X 17"

PROJECT:

FORMER ROBLIN STEEL SITE

DRAWING NAME:

GROUNDWATER ELEVATIONS

PROJECT #/DRAWING #/ DATE

2200014

FIGURE 3

01/15/2025

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TABLE

Table 1
Former Roblin Steel Site
Summary of Analytical Results
Groundwater Samples

PARAMETER	REGULATORY VALUE	MW-02R															
Collection Date		10/11/02	2/10/09	8/10/10	8/15/13	7/15/14	12/15/15	12/14/16	2/2/18	12/12/18	12/5/19	12/3/20	12/2/21	3/23/22	12/13/22	12/12/23	12/18/24
Volatile Organic Compounds (µg/L)																	
1,1-Dichloroethane	5																
1,1-Dichloroethene	5																
cis-1,2-Dichloroethene	5	NA		21.3	10.1	6.27	18	11	13	20	21	10	5.1	27	130	320	180
trans-1,2-Dichloroethene	5	NA															
1,2-Dichloroethene (Total)	5	88		21.3													
1,2,4-Trimethylbenzene	5		10														
2-Butanone	50		33.5	129													
Acetone	50			21.7	12.3												
Benzene	1	18	7.92	37.3	18.2	22.7	3.5	3.5	5.6	3.2	1.2	1.6	5.4	6.9	2.5 J	2.7 J	3.2
Carbon Disulfide	60																
Chloroethane	5				6.2												
Cyclohexane	NL				32.8	43.3	6.3	5	7.9	3.6	3.4	4.2	4.3	5.5	4.5 J	7.7	
cis-1,3-Dichloropropene	0.4																
Ethylbenzene	5		9.81	18.9	16.9	22.6	1.9										
Isopropylbenzene	5				2.53	3.12	0.61						1.2	1.3			
Methyl chloride	5																
Methyl Cyclohexane	NL				13.8	22.4	2.3	1.3	2	0.7	0.99	1.2	1.7	0.89 J	3.2 J	7.7	4.5
Methylene Chloride	5																
n-Propylbenzene	5		2.57														
Tetrachloroethene	5																
Toluene	5	24	7.19	101													
m,p-Xylene	5	NA	7.62	73.2	2.45	9.81											
o-Xylene	5	NA	2.61	37.2		2.10											
Total Xylenes	5	11	10.23	110.4													
Trichloroethene	5	32		3.31			0.25							0.78 J		3.6 J	2.4 J
Vinyl chloride	2	31		5.34	12.5	9.13	26	42	27	49	37	27	6.1	21	150	280	150
Total VOCs	-	**204**	**91**	**580**	**128**	**141**	**59**	**63**	**56**	**77**	**64**	**44**	**23.8**	**42.4**	**290.2**	**621.7**	**340.1**

PARAMETER	REGULATORY VALUE	MW-04															
Collection Date		10/11/02	2/10/09	8/10/10	8/21/13	7/15/14	12/15/15	12/14/16	2/2/18	12/12/18	12/5/19	12/3/20	12/2/21	3/23/22	12/13/22	12/12/23	12/18/24
Volatile Organic Compounds (µg/L)																	
1,1-Dichloroethane	5																
1,1-Dichloroethene	5																
cis-1,2-Dichloroethene	5	NA					2.6	1.2					1.3				
trans-1,2-Dichloroethene	5	NA															
1,2-Dichloroethene (Total)	5																
1,2,4-Trimethylbenzene	5																
2-Butanone	50																
Acetone	50				43.8												
Benzene	1	6															
Carbon Disulfide	60																1.2
Chloroethane	5																
Cyclohexane	NL																
cis-1,3-Dichloropropene	0.4																
Ethylbenzene	5	2															
Isopropylbenzene	5																
Methyl chloride	5														0.51 J		
Methyl Cyclohexane	NL																
Methylene Chloride	5																
n-Propylbenzene	5																
Tetrachloroethene	5																
Toluene	5																
m,p-Xylene	5	NA															
o-Xylene	5	NA															
Total Xylenes	5	10															
Trichloroethene	5							1.91									
Vinyl chloride	2						0.49										
Total VOCs	-	**18**	**0**	**0**	**44**	**0**	**3**	**3**	**0**	**0**	**0**	**0**	**1.3**	**0**	**0.51**	**0.0**	**1.2**

PARAMETER	REGULATORY VALUE	MW-07R															
Collection Date		10/11/02	5/4/09	8/10/10	8/15/13	7/15/14	12/15/15	12/14/16	2/2/18	12/12/18	12/5/19	12/3/20	12/2/21	3/23/22	12/13/22	12/12/23	12/18/24
Volatile Organic Compounds (µg/L)																	
1,1-Dichloroethane	5												4				6.2
1,1-Dichloroethene	5	15											15			12	22
cis-1,2-Dichloroethene	5	NA		904	128	584	17	5.9	190	3.2	16	23	3600	3400	400	3,400	3,800 D
trans-1,2-Dichloroethene	5	NA											14			9.6 J	21
1,2-Dichloroethene (Total)	5	1,500		904													
1,2,4-Trimethylbenzene	5																
2-Butanone	50																
Acetone	50																
Benzene	1	10	65	14			0.34										
Carbon Disulfide	60																1.2
Chloroethane	5																
Cyclohexane	NL						0.72										
cis-1,3-Dichloropropene	0.4		1,500														
Ethylbenzene	5	4															
Isopropylbenzene	5																
Methyl chloride	5																
Methyl Cyclohexane	NL		99				0.76										
Methylene Chloride	5																
n-Propylbenzene	5																
Tetrachloroethene	5		160				0.25										
Toluene	5	12	69	29.7													
m,p-Xylene	5	NA	67	33.3													
o-Xylene	5	NA															
Total Xylenes	5	23	67	33.3													
Trichloroethene	5	56		49.2		55.9		2	3.7				120	110		21	60 J
Vinyl chloride	2	330	770	402	56.1	205	6.2	3.7	75	3.6	19	12	740	650	140	780	770 D
Total VOCs	-	**1,950**	**2,797**	**2,370**	**184**	**845**	**25**	**12**	**194**	**6.8**	**35**	**35**	**4493**	**4160**	**540**	**4,223**	**4,682**

PARAMETER	REGULATORY VALUE	MW-09R															
Collection Date		10/11/02	2/10/09	8/10/10	8/15/13	7/15/14	12/15/15	12/14/16	2/2/18	12/12/18	12/5/19	12/3/20	12/2/21	3/23/22	12/13/22	12/12/23	12/18/24
Volatile Organic Compounds (µg/L)																	
1,1-Dichloroethane	5																
1,1-Dichloroethene	5	3	2.02				2.3		1.2								
cis-1,2-Dichloroethene	5	NA	210	277	217	55.7	1,200	500	410	290	180	180	4	170	180	75	270
trans-1,2-Dichloroethene	5	NA	4.48	17.3			2.9		4.2								
1,2-Dichloroethene (Total)	5	380	214	294													
1,2,4-Trimethylbenzene	5		12.9														
2-Butanone	50			305													
Acetone	50			569													
Benzene	1	35	11.5	445	87.7	46.3	0.97		2.2		3.5	5.5	13	15			2.6
Carbon Disulfide	60												0.57 J				
Chloroethane	5																
Cyclohexane	NL				208	155	15		9.4		9.3	8.5	28	26	22	37	17
cis-1,3-Dichloropropene	0.4																
Ethylbenzene	5	12	5.66	69.6	33.7	17.3	0.23										
Isopropylbenzene	5						0.28							0.85 J			
Methyl chloride	5																
Methyl Cyclohexane	NL				121	101	13		7.5		7.3	7	9.4	9.9	20	34	16
Methylene Chloride	5							4.8									
n-Propylbenzene	5																
Tetrachloroethene	5						4.5										
Toluene	5	74	23.3	581													
m,p-Xylene	5	NA	20.5	239													
o-Xylene	5	NA	11.5	128			0.23										
Total Xylenes	5	75	32	367													
Trichloroethene	5	450	135	585				230	39			3.3		1.9			15 J
Vinyl chloride	2	34	33		991	287	310		93	23	110	99	17	110	430	310	400
Total VOCs	-	**1,063**	**716**	**3,877**	**1,658**	**662**	**1,549**	**735**	**567**	**313**	**310**	**303**	**72**	**224**	**652**	**456**	**721**

PARAMETER	REGULATORY VALUE	EX-MW-11R															
Collection Date		10/11/02	2/10/09	8/10/10	8/15/13	7/15/14	12/15/15	12/14/16	2/2/18	12/12/18	12/5/19	12/3/20	12/2/21	3/23/22	12/13/22	12/12/23	12/18/24
Volatile Organic Compounds (µg/L)																	
1,1-Dichloroethane	5																16
1,1-Dichloroethene	5						4.6	11	5.8				63				
cis-1,2-Dichloroethene	5	NA	354	5,320	1,950	5,400	990	1,000	1,500	960	950	1,400	7,400	6,200	3,600	1,700	2,800 D
trans-1,2-Dichloroethene	5	NA					3.3		4.4				37				
1,2-Dichloroethene (Total)	5	41,000	354	5,320													
1,2,4-Trimethylbenzene	5																
2-Butanone	50																
Acetone	50																
Benzene	1						2.5		3.7								
Carbon Disulfide	60																
Chloroethane	5																
Cyclohexane	NL						16	24	22	19	22	9.6	37	33 J		13 J	12
cis-1,3-Dichloropropene	0.4																
Ethylbenzene	5						2.4		1.6								
Isopropylbenzene	5						0.68										
Methyl chloride	5																
Methyl Cyclohexane	NL						15	20	23	7.3	11	8	35	38 J	16 J	17 J	12
Methylene Chloride	5							12									
n-Propylbenzene	5																
Tetrachloroethene	5																
Toluene	5						1.7		0.81								
m,p-Xylene	5	NA					0.73										
o-Xylene	5	NA					4.9										
Total Xylenes	5								2.6								
Trichloroethene	5	150,000	168	4,630		4,510	36	91		10			1,400 F1	1500	600	44 J	43 J
Vinyl chloride	2	9,800	27	638	881	1,110	520	360	950	510	330	430	1,300 F1	750	1,100	1,100	540
Total VOCs	-	**200,800**	**903**	**15,908**	**2,831**	**11,020**	**1,598**	**1,518**	**2,514**	**1,506**	**1,313**	**1,848**	**7,572**	**8,521**	**5,316**	**2,874**	**3,423**

PARAMETER	REGULATORY VALUE	EX-MW-12																MW-13		
Collection Date		10/11/02	2/10/09	8/10/10	8/15/13	7/15/14	12/15/15	12/14/16	2/2/18	12/12/18	12/5/19	12/3/20	12/2/21	3/23/22	12/13/22	12/12/23	12/18/24	12/13/22	12/12/23	12/18/24
Volatile Organic Compounds (µg/L)																				
cis-1,2-Dichloroethene	5	NA		7.6			0.73											19		3.3
trans-1,2-Dichloroethene	5	NA																1.0		
1,2-Dichloroethene (Total)	5	150		7.6																
2-Butanone	50			31.3														5.8 J		
2-Hexanone	50			5.23																
Acetone	50			73.8														23		
Benzene	1	1		24.0	1.9	2.14	0.47											6.4	2.1 J	0
Carbon Disulfide	60												1.1					1.1		
Chloromethane	5																	0.37 J		
Cyclohexane	NL																	9.9	6.1	1.4
Ethylbenzene	5	1		18.5														2.6		
Methyl Cyclohexane	NL																	11.0	6.8	1.6
Toluene	5			48.7														10.0	3 J	
m,p-Xylene	5	NA		74.7																
o-Xylene	5	NA		40.4																
Total Xylenes	5			115.1														14	5 J	
Trichloroethene	5			8.96														1.9		
Vinyl chloride	2	200		27.2														11	0	4
Total VOCs	-	**352**	**0**	**483**	**1.9**	**2.14**	**1**	**0**	**0**	**0**	**0**	**0**	**1.1**	**0.0**	**0.0**	**0.0**	**0.0**	117.09	23	10.3

Notes:
Regulatory values are derived from NYS Ambient Water Quality Standards TOGS 1.1.1 (Source of Drinking Water, groundwater).
(-) = No regulatory value is associated with this compound.
Shaded values represent exceedances of the regulatory value.
µg/L = micrograms per Liter (equivalent to parts per billion (ppb)).
Only compounds with one or more detections are shown.
D = Concentration obtained from a dilution
J = Reported concentration is an estimate.
Blank spaces indicate that the analyte was not detected.
"NL" = Regulatory value not listed for parameter

PARAMETER	REGULATORY VALUE	MW-02R															
Collection Date		10/11/02	2/10/09	8/10/10	8/15/13	7/15/14	12/15/15	12/14/16	2/2/18	12/12/18	12/5/19	12/3/20	12/2/21	3/23/22	12/13/22	12/12/23	12/18/24
Volatile Organic Compounds (µg/L)																	
1,1,1-Trichloroethane	5																
1,1,2,2-Tetrachloroethane	5																
1,1,2-Trichloroethane	5																
1,1-Dichloroethane	5																
1,1-Dichloroethene	5																
1,2-Dichloroethane	5																
1,1-Dichloroethane	5																
cis-1,2-Dichloroethene	5		0	21.3	10.1	6.27	18	11	13	20	21	10	5.1	27	130	320	180
trans-1,2-Dichloroethene	5																
1,2-Dichloroethene (Total)	5	88		21.3													
1,2-Dichloropropane	5																
1,2,4-Trimethylbenzene	5		10														
2-Butanone	50		33.5	129													
2-Hexanone	50																
4-Methyl-2-pentanone	-																
Acetone	50			21.7	12.3												
Benzene	1	18	7.92	37.3	18.2	22.7	3.5	3.5	5.6	3.2	1.2	1.6	5.4	6.9	2.5 J	2.7 J	3.2
Bromodichloromethane	50																
Bromoform	50																
Bromomethane	5																
Carbon Disulfide	60																
Carbon Tetrachloride	5																
Chlorobenzene	5																
Chloroethane	5				6.2												
Chloroform	7																
Chloromethane	5																
Cyclohexane	NL				32.8	43.3	6.3	5	7.9	3.6	3.4	4.2	4.3	5.5	4.5 J	7.7	
cis-1,3-Dichloropropene	0.4																
Dibromochloromethane	50																
Ethylbenzene	5		9.81	18.9	16.9	22.6	1.9										
Isopropylbenzene	5				2.53	3.12	0.61						1.2	1.3			
Methyl chloride	5																
Methyl Cyclohexane	NL				13.8	22.4	2.3	1.3	2	0.7	0.99	1.2	1.7	0.89 J	3.2 J	7.7	4.5
Methylene Chloride	5																
n-Propylbenzene	5		2.57														
Styrene	5																
Tetrachloroethene	5																
Toluene	5	24	7.19	101													
m,p-Xylene	5	NA	7.62	73.2	2.45	9.81											
o-Xylene	5	NA	2.61	37.2		2.10											
Total Xylenes	5	11	10.23	110.4													
trans-1,3-Dichloropropene	5																
Trichloroethene	5	32		3.31			0.25							0.78 J		3.6 J	2.4 J
Vinyl chloride	2	31		5.34	12.5	9.13	26	42	27	49	37	27	6.1	21	150	280	150
Total VOCs	-	**204**	**91**	**580**	**128**	**141**	**59**	**63**	**56**	**77**	**64**	**44**	**23.8**	**42.4**	**290.2**	**621.7**	**340.1**

Notes:

Regulatory values are derived from NYS Ambient Water Quality Standards TOGS 1.1.1 (Source of Drinking Water, groundwater).

(-) = No regulatory value is associated with this compound.

Shaded values represent exceedances of the regulatory value.

µg/L = micrograms per Liter (equivalent to parts per billion (ppb)).

Only compounds with one or more detections are shown.

J = Reported concentration is an estimate.

Blank spaces indicate that the analyte was not detected.

"NL" = Regulatory value not listed for parameter

PARAMETER	REGULATORY VALUE	MW-04																
Collection Date		10/11/02	2/10/09	8/10/10	8/21/13	7/15/14	12/15/15	12/14/16	2/2/18	12/12/18	12/5/19	12/3/20	12/2/21	3/23/22	12/13/22	12/12/23	12/18/24
Volatile Organic Compounds (µg/L)																		
1,1,1-Trichloroethane	5																	
1,1,2,2-Tetrachloroethane	5																	
1,1,2-Trichloroethane	5																	
1,1-Dichloroethane	5																	
1,1-Dichloroethene	5																	
1,2-Dichloroethane	5																	
1,1-Dichloroethane	5																	
cis-1,2-Dichloroethene	5	NA					2.6	1.2					1.3					
trans-1,2-Dichloroethene	5	NA																
1,2-Dichloroethene (Total)	5																	
1,2-Dichloropropane	5																	
1,2,4-Trimethylbenzene	5																	
2-Butanone	50																	
2-Hexanone	50																	
4-Methyl-2-pentanone	-																	
Acetone	50				43.8													
Benzene	1	6																
Bromodichloromethane	50																	
Bromoform	50																	
Bromomethane	5																	
Carbon Disulfide	60																	1.2
Carbon Tetrachloride	5																	
Chlorobenzene	5																	
Chloroethane	5																	
Chloroform	7																	
Chloromethane	5																	
Cyclohexane	NL																	
cis-1,3-Dichloropropene	0.4																	
Dibromochloromethane	50																	
Ethylbenzene	5	2																
Isopropylbenzene	5																	
Methyl chloride	5														0.51 J			
Methyl Cyclohexane	NL																	
Methylene Chloride	5																	
n-Propylbenzene	5																	
Styrene	5																	
Tetrachloroethene	5																	
Toluene	5																	
m,p-Xylene	5	NA																
o-Xylene	5	NA																
Total Xylenes	5	10																
trans-1,3-Dichloropropene	5																	
Trichloroethene	5							1.91										
Vinyl chloride	2						0.49											
Total VOCs	-	**18**	**0**	**0**	**44**	**0**	**3**	**3**	**0**	**0**	**0**	**0**	**1.3**	**0**	**0.51**	**0.0**	**1.2**	

Notes:
Regulatory values are derived from NYS Ambient Water Quality Standards TOGS 1.1.1 (Source of Drinking Water, groundwater).
(-) = No regulatory value is associated with this compound.
Shaded values represent exceedances of the regulatory value.
µg/L = micrograms per Liter (equivalent to parts per billion (ppb)).
Only compounds with one or more detections are shown.
J = Reported concentration is an estimate.
Blank spaces indicate that the analyte was not detected.
"NL" = Regulatory value not listed for parameter

PARAMETER	REGULATORY VALUE	MW-07R																
Collection Date		10/11/02	5/4/09	8/10/10	8/15/13	7/15/14	12/15/15	12/14/16	2/2/18	12/12/18	12/5/19	12/3/20	12/2/21	3/23/22	12/13/22	12/12/23	12/18/24
Volatile Organic Compounds (µg/L)																	
1,1,1-Trichloroethane	5																
1,1,2,2-Tetrachloroethane	5																
1,1,2-Trichloroethane	5																
1,1-Dichloroethane	5												4				6.2
1,1-Dichloroethene	5	15											15			12	22
1,2-Dichloroethane	5																
1,1-Dichloroethane	5																
cis-1,2-Dichloroethene	5		0	904	128	584	17	5.9	190	3.2	16	23	3600	3400	400	3,400	3,800 D
trans-1,2-Dichloroethene	5												14			9.6 J	21
1,2-Dichloroethene (Total)	5	1,500		904													
1,2-Dichloropropane	5																
1,2,4-Trimethylbenzene	5																
2-Butanone	50																
2-Hexanone	50																
4-Methyl-2-pentanone	-																
Acetone	50																
Benzene	1	10	65	14			0.34										
Bromodichloromethane	50																
Bromoform	50																
Bromomethane	5																
Carbon Disulfide	60																1.7
Carbon Tetrachloride	5																
Chlorobenzene	5																
Chloroethane	5																
Chloroform	7																
Chloromethane	5																
Cyclohexane	NL						0.72			2							1.2
cis-1,3-Dichloropropene	0.4		1,500														
Dibromochloromethane	50																
Ethylbenzene	5	4															
Isopropylbenzene	5																
Methyl chloride	5																
Methyl Cyclohexane	NL		99				0.76										
Methylene Chloride	5																
n-Propylbenzene	5																
Styrene	5																
Tetrachloroethene	5		160				0.25										
Toluene	5	12	69	29.7													
m,p-Xylene	5	NA	67	33.3													
o-Xylene	5	NA															
Total Xylenes	5	23	67	33.3													
trans-1,3-Dichloropropene	5																
Trichloroethene	5	56		49.2		55.9		2	3.7				120	110		21	60 J
Vinyl chloride	2	330	770	402	56.1	205	6.2	3.7	75	3.6	19	12	740	650	140	780	770 D
Total VOCs	-	**1,950**	**2,797**	**2,370**	**184**	**845**	**25**	**12**	**194**	**6.8**	**35**	**35**	**4493**	**4160**	**540**	**4,223**	**4,682**

Notes:

Regulatory values are derived from NYS Ambient Water Quality Standards TOGS 1.1.1 (Source of Drinking Water, groundwater).

(-) = No regulatory value is associated with this compound.

Shaded values represent exceedances of the regulatory value.

µg/L = micrograms per Liter (equivalent to parts per billion (ppb)).

Only compounds with one or more detections are shown.

D = Concentration obtained from a dilution

J = Reported concentration is an estimate.

Blank spaces indicate that the analyte was not detected.

"NL" = Regulatory value not listed for parameter

PARAMETER	REGULATORY VALUE	MW-09R																
Collection Date		10/11/02	2/10/09	8/10/10	8/15/13	7/15/14	12/15/15	12/14/16	2/2/18	12/12/18	12/5/19	12/3/20	12/2/21	3/23/22	12/13/22	12/12/23	12/18/24
Volatile Organic Compounds (µg/L)																		
1,1,1-Trichloroethane	5																	
1,1,2,2-Tetrachloroethane	5																	
1,1,2-Trichloroethane	5																	
1,1-Dichloroethane	5																	
1,1-Dichloroethene	5	3	2.02				2.3		1.2									
1,2-Dichloroethane	5																	
1,1-Dichloroethane	5																	
cis-1,2-Dichloroethene	5		210	277	217	55.7	1,200	500	410	290	180	180	4	170	180	75	270	
trans-1,2-Dichloroethene	5		4.48	17.3			2.9		4.2									
1,2-Dichloroethene (Total)	5	380	214	294														
1,2-Dichloropropane	5																	
1,2,4-Trimethylbenzene	5		12.9															
2-Butanone	50			305														
2-Hexanone	50																	
4-Methyl-2-pentanone	-																	
Acetone	50			569														
Benzene	1	35	11.5	445	87.7	46.3	0.97		2.2		3.5	5.5	13	15			2.6	
Bromodichloromethane	50																	
Bromoform	50																	
Bromomethane	5																	
Carbon Disulfide	60												0.57 J					
Carbon Tetrachloride	5																	
Chlorobenzene	5																	
Chloroethane	5																	
Chloroform	7																	
Chloromethane	5																	
Cyclohexane	NL				208	155	15		9.4		9.3	8.5	28	26	22	37	17	
cis-1,3-Dichloropropene	0.4																	
Dibromochloromethane	50																	
Ethylbenzene	5	12	5.66	69.6	33.7	17.3	0.23											
Isopropylbenzene	5						0.28							0.85 J				
Methyl chloride	5																	
Methyl Cyclohexane	NL				121	101	13		7.5		7.3	7	9.4	9.9	20	34	16	
Methylene Chloride	5							4.8										
n-Propylbenzene	5																	
Styrene	5																	
Tetrachloroethene	5						4.5											
Toluene	5	74	23.3	581														
m,p-Xylene	5	NA	20.5	239														
o-Xylene	5	NA	11.5	128			0.23											
Total Xylenes	5	75	32	367														
trans-1,3-Dichloropropene	5																	
Trichloroethene	5	450	135	585				230	39			3.3		1.9			15 J	
Vinyl chloride	2	34	33		991	287	310		93	23	110	99	17	110	430	310	400	
Total VOCs	-	**1,063**	**716**	**3,877**	**1,658**	**662**	**1,549**	**735**	**567**	**313**	**310**	**303**	**72**	**224**	**652**	**456**	**721**	

Notes:
Regulatory values are derived from NYS Ambient Water Quality Standards TOGS 1.1.1 (Source of Drinking Water, groundwater).
(-) = No regulatory value is associated with this compound.
Shaded values represent exceedances of the regulatory value.
µg/L = micrograms per Liter (equivalent to parts per billion (ppb)).
Only compounds with one or more detections are shown.
J = Reported concentration is an estimate.
Blank spaces indicate that the analyte was not detected.
"NL" = Regulatory value not listed for parameter

PARAMETER	REGULATORY VALUE	EX-MW-11R															
Collection Date		10/11/02	2/10/09	8/10/10	8/15/13	7/15/14	12/15/15	12/14/16	2/2/18	12/12/18	12/5/19	12/3/20	12/2/21	3/23/22	12/13/22	12/12/23	12/18/24
Volatile Organic Compounds (µg/L)																	
1,1,1-Trichloroethane	5																
1,1,2,2-Tetrachloroethane	5																
1,1,2-Trichloroethane	5																
1,1-Dichloroethane	5																16
1,1-Dichloroethene	5						4.6	11	5.8				63				
1,2-Dichloroethane	5																
1,1-Dichloroethane	5																
cis-1,2-Dichloroethene	5		354	5,320	1,950	5,400	990	1,000	1,500	960	950	1,400	7,400	6,200	3,600	1,700	2,800 D
trans-1,2-Dichloroethene	5						3.3		4.4				37				
1,2-Dichloroethene (Total)	5	41,000	354	5,320													
1,2-Dichloropropane	5																
1,2,4-Trimethylbenzene	5																
2-Butanone	50																
2-Hexanone	50																
4-Methyl-2-pentanone	-																
Acetone	50																
Benzene	1						2.5		3.7								
Bromodichloromethane	50																
Bromoform	50																
Bromomethane	5																
Carbon Disulfide	60																
Carbon Tetrachloride	5																
Chlorobenzene	5																
Chloroethane	5																
Chloroform	7																
Chloromethane	5																
Cyclohexane	NL						16	24	22	19	22	9.6	37	33 J		13 J	12
cis-1,3-Dichloropropene	0.4																
Dibromochloromethane	50																
Ethylbenzene	5						2.4		1.6								
Isopropylbenzene	5						0.68										
Methyl chloride	5																
Methyl Cyclohexane	NL						15	20	23	7.3	11	8	35	38 J	16 J	17 J	12
Methylene Chloride	5							12									
n-Propylbenzene	5																
Styrene	5																
Tetrachloroethene	5																
Toluene	5						1.7		0.81								
m,p-Xylene	5	NA					0.73										
o-Xylene	5	NA					4.9										
Total Xylenes	5								2.6								
trans-1,3-Dichloropropene	5																
Trichloroethene	5	150,000	168	4,630		4,510	36	91		10			1,400 F1	1500	600	44	43 J
Vinyl chloride	2	9,800	27	638	881	1,110	520	360	950	510	330	430	1,300 F1	750	1,100	1,100	540
Total VOCs	-	**200,800**	**903**	**15,908**	**2,831**	**11,020**	**1,598**	**1,518**	**2,514**	**1,506**	**1,313**	**1,848**	**7,572**	**8,521**	**5,316**	**2,874**	**3,423**

Notes:

Regulatory values are derived from NYS Ambient Water Quality Standards TOGS 1.1.1 (Source of Drinking Water, groundwater).

(-) = No regulatory value is associated with this compound.

Shaded values represent exceedances of the regulatory value.

µg/L = micrograms per Liter (equivalent to parts per billion (ppb)).

Only compounds with one or more detections are shown.

D = Concentration obtained from a dilution

J = Reported concentration is an estimate.

Blank spaces indicate that the analyte was not detected.

"NL" = Regulatory value not listed for parameter

PARAMETER	REGULATORY VALUE	EX-MW-12R																
Collection Date		10/11/02	2/10/09	8/10/10	8/15/13	7/15/14	12/15/15	12/14/16	2/2/18	######	12/5/19	12/3/20	12/2/21	3/23/22	12/13/22	12/12/23	12/18/24
Volatile Organic Compounds (µg/L)																		
1,1,1-Trichloroethane	5																	
1,1,2,2-Tetrachloroethane	5																	
1,1,2-Trichloroethane	5																	
1,1-Dichloroethane	5																	
1,1-Dichloroethene	5																	
1,2-Dichloroethane	5																	
cis-1,2-Dichloroethene	5			7.6			0.73											
trans-1,2-Dichloroethene	5																	
,2-Dichloroethene (Total)	5	150		7.6														
1,2-Dichloropropane	5																	
1,2,4-Trimethylbenzene	5																	
2-Butanone	5			31.3														
2-Hexanone	50			5.23														
4-Methyl-2-pentanone	50																	
Acetone	-			73.8														
Benzene	50	1		24.0	1.9	2.14	0.47											
Bromodichloromethane	1																	
Bromoform	50																	
Bromomethane	50																	
Carbon Disulfide	5												1.1					
Carbon Tetrachloride	60																	
Chlorobenzene	5																	
Chloroethane	5																	
Chloroform	5																	
Chloromethane	7																	
cis-1,3-Dichloropropene	5																	
Dibromochloromethane	NL																	
Cyclohexane	0.4																	
Ethylbenzene	50	1		18.5														
Methylene chloride	5																	
Methyl Cyclohexane	5																	
n-Propylbenzene	5																	
Styrene	NL																	
Tetrachloroethene	5																	
Toluene	5			48.7														
m,p-Xylene	5	NA		74.7														
o-Xylene	5	NA		40.4														
Total Xylenes	5			115.1														
trans-1,3-Dichloropropene	5																	
Trichloroethene	5			8.96														
Vinyl chloride	5	200		27.2														
Total VOCs	5	**352**	**0**	**483**	**1.9**	**2.14**	**1**	**0**	**0**	**0**	**0**	**0**	**1.1**	**0.0**	**0.0**	**0.0**	**0.0**

Notes:
Regulatory values are derived from NYS Ambient Water Quality Standards TOGS 1.1.1 (Source of Drinking Water, groundwater).
(-) = No regulatory value is associated with this compound.
Shaded values represent exceedances of the regulatory value.
µg/L = micrograms per Liter (equivalent to parts per billion (ppb)).
Only compounds with one or more detections are shown.
J = Reported concentration is an estimate.
Blank spaces indicate that the analyte was not detected.
"NL" = Regulatory value not listed for parameter

PARAMETER	REGULATORY VALUE	MW-13		
Collection Date		12/13/22	12/12/23	12/18/24
Volatile Organic Compounds (µg/L)				
1,1,1-Trichloroethane	5			
1,1,2,2-Tetrachloroethane	5			
1,1,2-Trichloroethane	5			
1,1-Dichloroethane	5			
1,1-Dichloroethene	5			
1,2-Dichloroethane	5			
cis-1,2-Dichloroethene	5	19		3.3
trans-1,2-Dichloroethene	5	1.0		
1,2-Dichloroethene (Total)	5			
1,2-Dichloropropane	5			
1,2,4-Trimethylbenzene	5			
2-Butanone	5	5.8 J		
2-Hexanone	50			
4-Methyl-2-pentanone	50			
Acetone	-	23		
Benzene	50	6.4	2.1 J	
Bromodichloromethane	1			
Bromoform	50			
Bromomethane	50			
Carbon Disulfide	5	1.1		
Carbon Tetrachloride	60			
Chlorobenzene	5			
Chloroethane	5			
Chloroform	5			
Chloromethane	7	0.37 J		
cis-1,3-Dichloropropene	5			
Dibromochloromethane	NL			
Cyclohexane	0.4	9.9	6.1	1.4
Ethylbenzene	50	2.6		
Methylene chloride	5			
Methyl Cyclohexane	5	11.0	6.8	1.6
n-Propylbenzene	5			
Styrene	NL			
Tetrachloroethene	5			
Toluene	5	10.0	3 J	
m,p-Xylene	5			
o-Xylene	5			
Total Xylenes	5	14	5 J	
trans-1,3-Dichloropropene	5			
Trichloroethene	5	1.9		
Vinyl chloride	5	11	0	4
Total VOCs	**5**	**117.09**	**23**	**10.3**

Notes:

Regulatory values are derived from NYS Ambient Water Quality Standards TOGS 1.1.1 (Source of Drinking Water, groundwater).

(-) = No regulatory value is associated with this compound.

Shaded values represent exceedances of the regulatory value.

µg/L = micrograms per Liter (equivalent to parts per billion (ppb)).

Only compounds with one or more detections are shown.

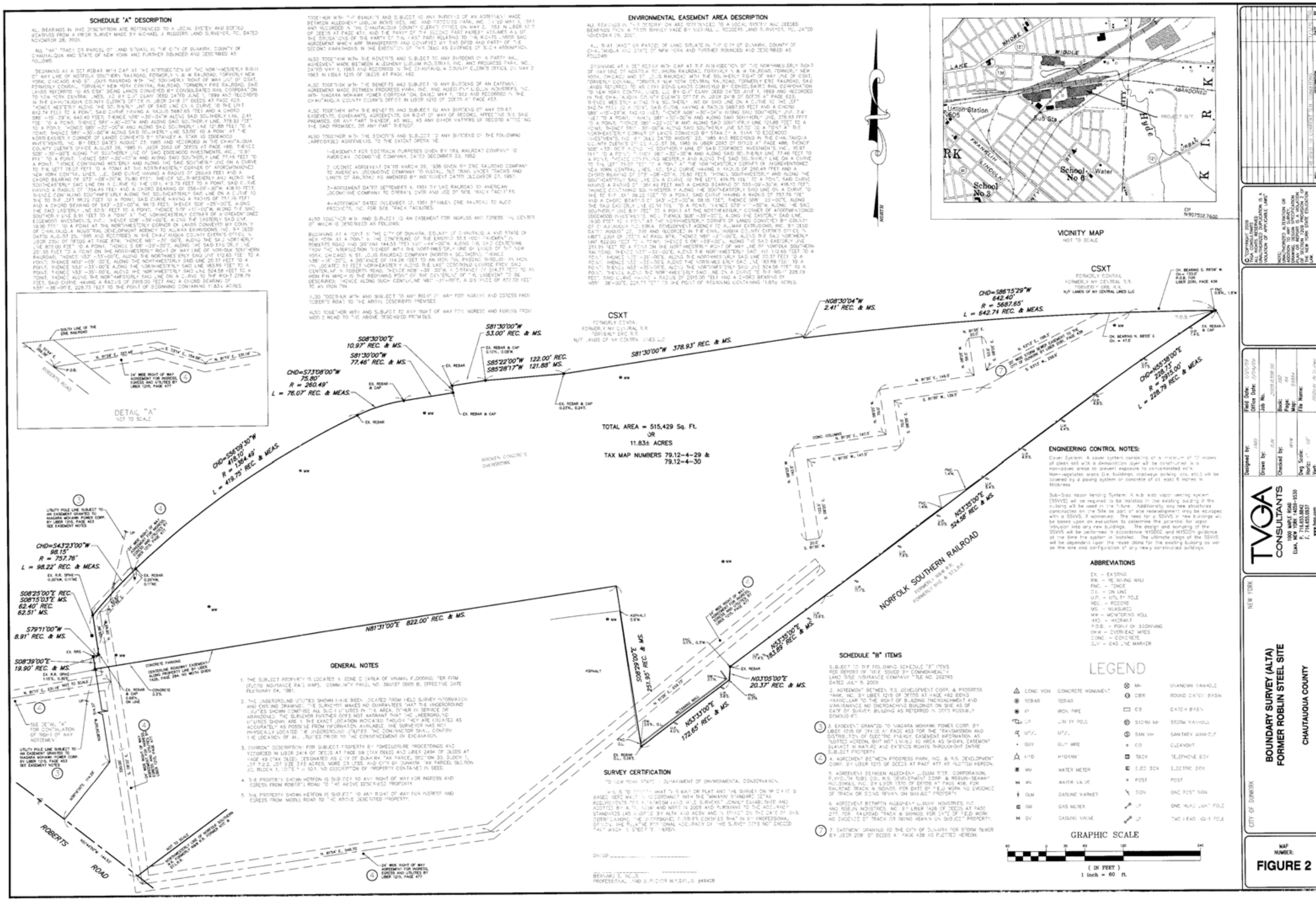
J = Reported concentration is an estimate.

Blank spaces indicate that the analyte was not detected.

"NL" = Regulatory value not listed for parameter

APPENDIX 1

Boundary Survey-Former Roblin Steel Site


SCHEDULE "A" DESCRIPTION
ENVIRONMENTAL EASEMENT AREA DESCRIPTION
VICINITY MAP
NOT TO SCALE
NORTH
DETAIL "A"
NOT TO SCALE
CSXT
NORFOLK SOUTHERN RAILROAD
ROBERTS ROAD
TOTAL AREA = 515,429 Sq. Ft.
OR
11.83± ACRES
TAX MAP NUMBERS 79.12-4-29 &
79.12-4-30
CHD=S86°15'29"W
642.40'
R = 5687.65'
L = 642.74' REC. & MEAS.
N08°30'04"W
2.41' REC. & MS.
S81°30'00"W 378.93' REC. & MS.
S81°30'00"W
53.00' REC. & MS.
S85°22'00"W 122.00' REC.
S85°28'17"W 121.88' MS.
S08°30'00"E
10.97' REC. & MS.
S81°30'00"W
77.46' REC. & MS.
CHD=S73°08'00"W
75.80'
R = 260.49'
L = 76.07' REC. & MEAS.
CHD=S56°09'30"W
418.10'
R = 1364.49'
L = 419.75' REC. & MEAS.
CHD=S43°23'00"W
98.15'
R = 757.76'
L = 98.22' REC. & MEAS.
S08°25'00"E REC.
S08°15'03"E MS.
62.40' REC.
62.51' MS.
S79°11'00"W
8.91' REC. & MS.
S08°39'00"E
19.90' REC. & MS.
N81°31'00"E 822.00' REC. & MS.
S08°29'00"E
251.95' REC. & MS.
N53°13'00"E
172.65' REC. & MS.
N03°05'00"E
20.37' REC. & MS.
N53°35'00"E
183.69' REC. & MS.
N53°35'00"E
524.58' REC. & MS.
CHD=N55°38'00"E
228.73'
R = 2915.00'
L = 228.79' REC. & MEAS.
GENERAL NOTES
SURVEY CERTIFICATION
BERNARD E. NELS
PROFESSIONAL LAND SURVEYOR N.Y.S.P.L.S. #49408
SCHEDULE "B" ITEMS
ENGINEERING CONTROL NOTES:
ABBREVIATIONS
LEGEND
GRAPHIC SCALE
(IN FEET)
1 inch = 60 ft.
TVGA
CONSULTANTS
1000 MAPLE ROAD
ELMA, NEW YORK 14059-9530
P. 716.655.8842
F. 716.655.0937
www.tvga.com
BOUNDARY SURVEY (ALTA)
FORMER ROBLIN STEEL SITE
CHAUTAUQUA COUNTY
CITY OF DUNKIRK
NEW YORK
MAP NUMBER:
FIGURE 2

APPENDIX 2

Cover Inspection Form

COVER INSPECTION FORM
Former Roblin Steel Site

Property Name: Former Roblin Steel Site Inspection Date: 12/18/2024
Property Address: 320 South Roberts Road
City: Dunkirk State: NY Zip Code: 14048

Property ID: (Tax Assessment Map)
Section: 79.12 Block: 4 Lot(s): 29 and 30
Total Acreage: 16.5 acres

Weather (during inspection): Temperature: 32° Conditions: Overcast/rain

SIGNATURE:

The findings of this inspection were discussed with appropriate personnel, corrective actions were identified and implementation was mutually agreed upon:

Inspector: Brendan Sabuda Date: 12/18/2024

Next Scheduled Inspection Date: December 2025

SECURITY AND ACCESS

	Yes	No
1. Access controlled by perimeter fencing?		X
Are there sections of the fence material damaged or missing?		
Are the fence or gate post foundations structurally sound?		
2. "No Trespass" signs posted in appropriate languages?		X
Are the signs securely attached to the fencing or posts?		
Are there sufficient signs; are the signs adequately spaced around the perimeter of the property?		
3. Is there evidence of trespassing?		X
Is there evidence of illegal dumping?		

COVER & VEGETATION

	Yes	No
4. Final cover in acceptable condition?	X	
Is there evidence of sloughing, erosion, ponding or settlement?		X
Is there evidence of unintended traffic; rutting?		X
Is there evidence of distressed vegetation/turf?		X

	Yes	No
5. Final cover sufficiently covers soil/fill material?	X	
Are there cracks visible in the soil or pavement?		X
Is there evidence of erosion in the stormwater channels or swales?		X
Is there damage to the synthetic erosion control fabric in the channels or swales?		X

ACTIVITY ON SITE

6. Any activity on site that mechanically disturbed soil cover?		X

ADDITIONAL FACILITY INFORMATION

Development on or near the site? (Specify size and type: e.g., residential, 40 acres, well and septic)

COMMENTS

Item #

ATTACHMENTS

1. Site Sketch
2. Photographs
3. Laboratory Report (s)

APPENDIX 3

Photographs

View from East end of property facing SW

View along N boundary

View ditch facing E

View of ditch facing W

View of EX-MW-12

View of center of property

APPENDIX 4

Site Management Periodic Review Report – Institutional and Engineering Controls Certification Form

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. **B00173**

Site Name Former Roblin Steel Site (Dunkirk)

Site Address: 320 South Roberts Road Zip Code: 14048
City/Town: Dunkirk
County: Chautauqua
Site Acreage: 11.830

Reporting Period: December 15, 2023 to December 15, 2024

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

Box 2

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

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

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

Signature of Owner, Remedial Party or Designated Representative Date

SITE NO. B00173 **Box 3**

Description of Institutional Controls

Parcel	Owner	Institutional Control
79.12-4-29	Chautauqua County	Ground Water Use Restriction Soil Management Plan Landuse Restriction Monitoring Plan Site Management Plan IC/EC Plan

The Site Management Plan includes:
- An Engineering and Institutional Controls Plan. Engineering controls include a one-foot thick soil cover system, asphalt cover system (Progress Drive), and provisions for evaluating the potential for soil vapor intrusion to any new buildings constructed and the installation of soil vapor mitigation systems if warranted. Institutional controls at the site will include groundwater use restrictions and use restrictions of the Site to restricted use (i.e. commercial/industrial purposes).
- An Excavation Work Plan to assure that future intrusive activities and soil/fill handling at the Site are completed in a safe and environmentally responsible manner.
- A Site Monitoring Plan that includes: provisions for groundwater monitoring; and,
- A Site-wide Inspection program to assure that the Institutional controls have not been altered and remain effective.

79.12-4-30	Chautauqua County	Ground Water Use Restriction Soil Management Plan Monitoring Plan Site Management Plan IC/EC Plan
		Landuse Restriction

The Site Management Plan includes:
- An Engineering and Institutional Controls Plan. Engineering controls include a one-foot thick soil cover system, asphalt cover system (Progress Drive) and provisions for evaluating the potential for soil vapor intrusion to any new buildings constructed and the installation of soil vapor mitigation systems if warranted. Institutional controls at the site will include groundwater use restrictions and use restrictions of the Site to restricted use (i.e. commercial/industrial purposes).
- An Excavation Work Plan to assure that future intrusive activities and soil/fill handling at the Site are completed in a safe and environmentally responsible manner.
- A Site Monitoring Plan that includes: provisions for groundwater monitoring; and,
- A Site-wide Inspection program to assure that the Institutional controls have not been altered and remain effective.

Box 4

Description of Engineering Controls

Parcel	Engineering Control
79.12-4-29	Cover System Vapor Mitigation
79.12-4-30	Vapor Mitigation Cover System

Box 5

Periodic Review Report (PRR) Certification Statements

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

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

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

YES	NO
X	☐

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

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

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

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

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

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

YES	NO
X	☐

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

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

Signature of Owner, Remedial Party or Designated Representative

Date

IC CERTIFICATIONS
SITE NO. B00173

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 _____ at _____,
print name print business address

am certifying as _____(Owner or Remedial Party)

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

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

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 Dan Noll at LaBella Associates, D.P.C.
300 State Street, Rochester NY,

print name — print business address

am certifying as a Professional Engineer for the Owner

(Owner or Remedial Party)

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

Stamp (Required for PE)

1.28.2025

Date

APPENDIX 5

Groundwater Sampling Logs

LaBella
Powered by partnership.

300 Pearl Street Suite 130
Buffalo, New York 14202
Telephone: (716) 551-6281

Project Name: Former Roblin Steel PRR
Location: Dunkirk, NY
Project No.: 2200014
Sampled By: B. Sabuda
Date: 12/18/2024
Weather: 32°F, Overcast & Rain

WELL I.D.: MW-02R

WELL SAMPLING INFORMATION

Well Diameter: 2.0'
Depth of Well: 23.50'
Measuring Point: Top of inner casing
Pump Type: Peri-pump

Static Water Level: 5.73'
Length of Well Screen:
Depth to Top of Pump:
Tubing Type: 1/4" OD

FIELD PARAMETER MEASUREMENT

Time	Pump Rate (mL/min)	Gallons Purged	Temp °C	Conductivity (mS/cm) +/- 3%	pH +/- 0.1	Redox (mV) +/- 10 mV	Turbidity (NTU) +/- 10%	Dissolved Oxygen (mg/L) +/- 10%	Comments
10:45	800	0	13.0	1.487	7.91	-105.7	18.13	1.60	
10:50	800	1.06	13.2	1.513	8.01	-104.4	7.41	0.09	
10:55	800	2.12	12.6	1.522	8.08	-118.6	6.21	-0.23	
11:00	800	3.18	12.6	1.544	7.99	-130.7	11.31	-0.22	
11:05	800	4.24	12.7	1.553	8.02	-139.1	8.43	-0.22	
11:10	800	5.6	12.8	1.570	7.99	-145.6	8.23	-0.19	
11:15	800	6.36	12.9	1.564	8.01	-150.1	10.62	-0.19	

Total 6.36 Gallons Purged

Purge Time Start: 10:45 Purge Time End: 11:15 Final Static Water Level:

OBSERVATIONS

Sampled at 11:20

LaBella
Powered by partnership.

300 Pearl Street Suite 130
Buffalo, New York 14202
Telephone: (716) 551-6281

WELL I.D.: MW-04

Project Name: Former Roblin Steel PRR
Location: Dunkirk, NY
Project No.: 2200014
Sampled By: B. Sabuda
Date: 12/12/2023
Weather: 32°F, Overcast & Rain

WELL SAMPLING INFORMATION

Well Diameter: 2”
Depth of Well: 16.2’
Measuring Point: Top of inner casing
Pump Type: Peri-pump

Static Water Level: 2.70’
Length of Well Screen:
Depth to Top of Pump:
Tubing Type: 1/4” OD

FIELD PARAMETER MEASUREMENT

Time	Pump Rate (mL/min)	Gallons Purged	Temp °C	Conductivity (mS/cm) +/- 3%	pH +/- 0.1	Redox (mV) +/- 10 mV	Turbidity (NTU) +/- 10%	Dissolved Oxygen (mg/L) +/- 10%	Comments
13:35	800	0	12.4	1.496	8.34	-107.4	12.41	0.75	
13:40	800	1.06	12.2	1.486	8.00	-97.4	14.16	-0.03	
13:45	800	2.12	12.3	1.465	7.94	-110.1	8.18	-0.12	
13:50	800	3.18	12.3	1.461	7.97	-148.9	1.51	-0.18	
13:55	800	4.24	12.1	1.501	7.89	-166.2	0.26	-0.19	
14:00	800	5.6	12.3	1.493	7.90	-180-4	0.36	-0.24	
14:05	800	6.36	12.4	1.503	7.89	-189.8	0.25	-0.25	

Total 6.36 Gallons Purged

Purge Time Start: 13:35 Purge Time End: 14:05 Final Static Water Level:

OBSERVATIONS

Sampled at 14:10, DUP taken at this location

LaBella
Powered by partnership.

300 Pearl Street Suite 130
Buffalo, New York 14202
Telephone: (716) 551-6281

WELL I.D.: MW-07R

Project Name: Former Roblin Steel PRR
Location: Dunkirk, NY
Project No.: 2200014
Sampled By: B. Sabuda
Date: 12/18/2024
Weather: 32°F, Overcast & Rain

WELL SAMPLING INFORMATION

Well Diameter: 2”
Depth of Well: 17.8’
Measuring Point: Top of inner casing
Pump Type: Peri-pump

Static Water Level: 3.60’
Length of Well Screen:
Depth to Top of Pump:
Tubing Type: 1/4” OD

FIELD PARAMETER MEASUREMENT

Time	Pump Rate (mL/min)	Gallons Purged	Temp °C	Conductivity (mS/cm) +/- 3%	pH +/- 0.1	Redox (mV) +/- 10 mV	Turbidity (NTU) +/- 10%	Dissolved Oxygen (mg/L) +/- 10%	Comments
12:50	800	0	12.5	2.679	8.54	-152.5	10.96	0.43	
12:55	800	1.06	12.4	2.689	8.67	-138.2	11.11	-0.25	
13:00	800	2.12	12.3	2.618	8.59	-138.7	6.91	-0.29	
13:05	800	3.18	12.5	2.451	8.37	-151.4	4.18	-0.31	
13:10	800	4.24	12.6	2.378	8.47	-158.3	3.00	-0.31	
13:15	800	5.6	12.6	2.269	8.39	-167.0	3.06	-0.32	
13:20	800	6.36	12.7	2.239	8.29	-172.0	2.09	-0.32	
13:25	800	7.42	12.7	2.231	8.26	-176.6	1.89	-0.32	

Total 7.42 Gallons Purged

Purge Time Start: 12:50 Purge Time End: 13:25 Final Static Water Level:

OBSERVATIONS

Sampled at 13:30

LaBella
Powered by partnership.

300 Pearl Street Suite 130
Buffalo, New York 14202
Telephone: (716) 551-6281

Project Name: Former Roblin Steel PRR
Location: Dunkirk, NY
Project No.: 2200014
Sampled By: B. Sabuda
Date: 12/18/2024
Weather: 32°F, Overcast & Rain

WELL I.D.: MW-09R

WELL SAMPLING INFORMATION

Well Diameter: 2”
Depth of Well: 16.9’
Measuring Point: Top of inner casing
Pump Type: Peri-pump

Static Water Level: 2.29’
Length of Well Screen:
Depth to Top of Pump:
Tubing Type: 1/4” OD

FIELD PARAMETER MEASUREMENT

Time	Pump Rate (mL/min)	Gallons Purged	Temp °C	Conductivity (mS/cm) +/- 3%	pH +/- 0.1	Redox (mV) +/- 10 mV	Turbidity (NTU) +/- 10%	Dissolved Oxygen (mg/L) +/- 10%	Comments
14:50	800	0	11.5	1.143	8.24	-68.2	1.46	0.43	
14:55	800	1.06	11.1	1.141	8.49	-174.6	1.52	-0.11	
15:00	800	2.12	10.7	1.140	8.53	-181.6	4.17	-0.25	
15:05	800	3.18	10.5	1.147	8.50	-186.5	4.37	-0.30	
15:10	800	4.24	10.9	1.172	8.36	-188.3	1.08	-0.21	
15:15	800	5.6	11.1	1.173	8.32	-189.0	0.92	-0.13	
15:20	800	6.36	11.2	1.170	8.35	-189.1	0.61	-0.12	

Total 6.36 Gallons Purged

Purge Time Start: 14:50 Purge Time End: 15:20 Final Static Water Level:

OBSERVATIONS

Sampled at 15:25

LaBella
Powered by partnership.

300 Pearl Street Suite 130
Buffalo, New York 14202
Telephone: (716) 551-6281

WELL I.D.: EX-MW-11R

Project Name: Former Roblin Steel PRR
Location: Dunkirk, NY
Project No.: 2200014
Sampled By: B. Sabuda
Date: 12/18/2024
Weather: 32°F, Overcast & Rain

WELL SAMPLING INFORMATION

Well Diameter: 2”
Depth of Well: 18.9’
Measuring Point: Top of inner casing
Pump Type: Peri-pump

Static Water Level: 5.21’
Length of Well Screen:
Depth to Top of Pump:
Tubing Type: 1/4” OD

FIELD PARAMETER MEASUREMENT

Time	Pump Rate (mL/min)	Gallons Purged	Temp °C	Conductivity (mS/cm) +/- 3%	pH +/- 0.1	Redox (mV) +/- 10 mV	Turbidity (NTU) +/- 10%	Dissolved Oxygen (mg/L) +/- 10%	Comments
10:15	800	0	13.7	1.341	7.63	-151.6	21.13	0.80	
10:20	800	1.06	13.6	1.054	8.03	-158.1	26.14	0.79	
10:25	800	2.12	12.9	0.884	8.31	-144.4	16.32	0.70	
10:30	800	3.18	12.8	0.871	8.35	-141.1	15.21	0.68	
10:35	800	4.24	12.8	0.869	8.37	-139.8	12.11	0.67	

Total 4.24 Gallons Purged

Purge Time Start: 10:15 Purge Time End: 10:35 Final Static Water Level:

OBSERVATIONS

Sampled at 10:40, well started to go dry around 2 well volumes

LaBella
Powered by partnership.

300 Pearl Street Suite 130
Buffalo, New York 14202
Telephone: (716) 551-6281

Project Name: Former Roblin Steel PRR
Location: Dunkirk, NY
Project No.: 2200014
Sampled By: B. Sabuda
Date: 12/18/2024
Weather: 32°F, Overcast & Rain

WELL I.D.: MW-13

WELL SAMPLING INFORMATION

Well Diameter: 2”
Depth of Well: 20.20
Measuring Point: Top of inner casing
Pump Type: Peri-pump

Static Water Level: 4.62’
Length of Well Screen:
Depth to Top of Pump:
Tubing Type: 1/4” OD

FIELD PARAMETER MEASUREMENT

Time	Pump Rate (mL/min)	Gallons Purged	Temp °C	Conductivity (mS/cm) +/- 3%	pH +/- 0.1	Redox (mV) +/- 10 mV	Turbidity (NTU) +/- 10%	Dissolved Oxygen (mg/L) +/- 10%	Comments
12:10	800	0	12.2	1.655	7.63	-202.7	31.12	0.79	
12:15	800	1.06	12.3	1.654	7.87	-209.8	41.4	0.09	
12:20	800	2.12	11.6	1.658	8.21	-216.4	33.76	-0.26	
12:25	800	3.18	11.3	1.668	8.21	-217.1	33.19	-0.29	
12:30	800	4.24	11.2	1.702	8.24	-219.6	29.14	-0.31	
12:35	800	5.6	11.1	1.713	8.31	-220.4	25.72	-0.31	
12:40	800	6.36	11.2	1.731	8.29	-217.9	22.37	-0.31	

Total 6.36 Gallons Purged

Purge Time Start: 12:10 Purge Time End: 12:10 Final Static Water Level:

OBSERVATIONS

Sampled at 12:45

LaBella
Powered by partnership.

300 Pearl Street Suite 130
Buffalo, New York 14202
Telephone: (716) 551-6281

WELL I.D.: EX-MW-12

Project Name: Former Roblin Steel PRR
Location: Dunkirk, NY
Project No.: 2200014
Sampled By: B. Sabuda
Date: 12/18/2024
Weather: 32°F, Overcast & Rain

WELL SAMPLING INFORMATION

Well Diameter: 2”
Depth of Well: 23.2
Measuring Point: Top of inner casing
Pump Type: Peri-pump

Static Water Level: 4.98’
Length of Well Screen:
Depth to Top of Pump:
Tubing Type: 1/4” OD

FIELD PARAMETER MEASUREMENT

Time	Pump Rate (mL/min)	Gallons Purged	Temp °C	Conductivity (mS/cm) +/- 3%	pH +/- 0.1	Redox (mV) +/- 10 mV	Turbidity (NTU) +/- 10%	Dissolved Oxygen (mg/L) +/- 10%	Comments
11:25	800	0	13.2	2.617	7.84	-144.3	16.03	1.32	
11:30	800	1.06	13.0	2.653	7.60	-140.8	11.41	-0.05	
11:35	800	2.12	12.7	2.637	7.58	-143.5	8.41	-0.17	
11:40	800	3.18	12.5	2.594	7.55	-148.7	9.11	-0.26	
11:45	800	4.24	11.9	2.244	7.60	-156.0	6.55	-0.33	
11:50	800	5.6	11.8	2.012	7.58	-160.6	4.11	-0.34	
11:55	800	6.36	11.7	2.001	7.61	-162.5	2.40	-0.35	

Total 6.36 Gallons Purged

Purge Time Start: 11:25 Purge Time End: 11:55 Final Static Water Level:

OBSERVATIONS

Sampled at 12:00

APPENDIX 6

Laboratory Analytical Results

January 07, 2025 Service Request No:R2413278

Mr. Chris Kibler
Labella Associates, PC
300 Pearl Street
Suite 130
Buffalo, NY 14202

Laboratory Results for: Roblin/Alumax

Dear Mr.Kibler,

Enclosed are the results of the sample(s) submitted to our laboratory December 19, 2024
For your reference, these analyses have been assigned our service request number **R2413278.**

All testing was performed according to our laboratory's quality assurance program and met the requirements of the TNI standards except as noted in the case narrative report. Any testing not included in the lab's accreditation is identified on a Non-Certified Analytes report. All results are intended to be considered in their entirety. ALS Environmental is not responsible for use of less than the complete report. Results apply only to the individual samples submitted to the lab for analysis, as listed in the report. The measurement uncertainty of the results included in this report is within that expected when using the prescribed method(s), and represented by Laboratory Control Sample control limits. Any events, such as QC failures or Holding Time exceedances, which may add to the uncertainty are explained in the report narrative or are flagged with qualifiers. The flags are explained in the Report Qualifiers and Definitions page of this report.

Please contact me if you have any questions. My extension is 7475. You may also contact me via email at Meghan.Pedro@alsglobal.com.

Respectfully submitted,

ALS Group USA, Corp. dba ALS Environmental

Meghan Pedro
Project Manager

ADDRESS 1565 Jefferson Road, Building 300, Suite 360, Rochester, NY 14623
PHONE +1 585 288 5380 | FAX +1 585 288 8475
ALS Group USA, Corp.
dba ALS Environmental

Narrative Documents

ALS Environmental—Rochester Laboratory
1565 Jefferson Road, Building 300, Suite 360, Rochester, NY 14623
Phone (585) 288-5380 Fax (585) 288-8475
www.alsglobal.com

Client: Labella Associates, PC
Project: Roblin/Alumax
Sample Matrix: Water

Service Request: R2413278
Date Received: 12/19/2024

CASE NARRATIVE

All analyses were performed consistent with the quality assurance program of ALS Environmental. This report contains analytical results for samples for the Tier level IV requested by the client.
Manual Integrations may have been used in the quantitation of the results in this report. Manual Integrations are readily identified in the raw data on the Quantitation Reports (Organics) by the automatic placement of an “m” next to the sample result. For Ion Chromatography, the manual integrations are identified by the automatic placement of “manipulated” or "manually integrated" in the upper left corner of the chromatogram (Hexavalent Chromium) or “M” by the result in the “Type” column (anions). The reason for the manual integration is noted on the “after” chromatogram, which is found with the original chromatogram and quantitation report. All integrations follow the lab SOP ADM-INT “Manual Integration.”

Sample Receipt:

Twelve water samples were received for analysis at ALS Environmental on 12/19/2024. Any discrepancies upon initial sample inspection are annotated on the sample receipt and preservation form included within this report. The samples were stored at minimum in accordance with the analytical method requirements.

Volatiles by GC/MS:

No significant anomalies were noted with this analysis.

Approved by _____ Date 01/07/2025

Sample Receipt Information

ALS Environmental—Rochester Laboratory
1565 Jefferson Road, Building 300, Suite 360, Rochester, NY 14623
Phone (585) 288-5380 Fax (585) 288-8475
www.alsglobal.com

Client: Labella Associates, PC **Service Request:**R2413278
Project: Roblin/Alumax/2200014

SAMPLE CROSS-REFERENCE

SAMPLE #	CLIENT SAMPLE ID	DATE	TIME
R2413278-001	AL-7	12/18/2024	1005
R2413278-002	AL-1	12/18/2024	0925
R2413278-003	AL-2	12/18/2024	0950
R2413278-004	EX-MW-11R	12/18/2024	1040
R2413278-005	EX-MW-12	12/18/2024	1200
R2413278-006	MW-02R	12/18/2024	1120
R2413278-007	MW-13	12/18/2024	1245
R2413278-008	MW-07R	12/18/2024	1330
R2413278-009	MW-04	12/18/2024	1410
R2413278-010	DUP	12/18/2024	
R2413278-011	MW-09R	12/18/2024	1525
R2413278-012	Trip Blank	12/18/2024	

Chain of Custody / Analytical Request Form

082006

SR#:

1565 Jefferson Road, Building 300, Suite 360 • Rochester, NY 14623 • +1 585 288 5380 • alsglobal.com

Report To:	ALL SHADED AREAS MUST BE COMPLETED BY THE CLIENT / SAMPLER
Company: La Bella	Project Name: Roblin / Alumax
Contact: Chris Kibler	Project Number: 7200014
Email: CKibler@LaBellaPC.com	ALS Quote #: R-0101-GL-22
Phone: 716-551-6281	Sampler's Signature:
Address: 300 Pearl St. Buffalo, NY 14202	Email CC:
	Email CC:
	State Samples Collected (Circle or Write): NY, MA, PA, CT, Other:

Preservative: 0. None; 1. HCl; 2. HNO3; 3. H2SO4; 4. NAOH; 5. Zn Acet.; 6. MeOH; 7. NaHSO4; 8. Other

Matrix: GW, WW, SW, DW, S, L, NA

Lab ID (ALS)	Sample Collection Information: Sample ID:	Date	Time	Matrix	Number of Containers	MS/MSD?	GC/MS VOA (8260•624•524•TCLP)	GC/MS SVOA - 8270 • 625 • TCLP	Pesticides - 8081 • 608 • TCLP	PCBs - 8082 • 608	Herbicides - 8151 • TCLP	Metals, Total - Select Below	Metals, Dissolved - Field / In-Lab Filter	Notes:
	AL-7	12/18/24	1005				X							
	AL-1		0925				X							
	AL-2		0950				X							
	EX-MW-11R		1040				X							
	EX-MW-12		1200				X							
	MW-02R		1120				X							
	MW-13		1245				X							
	MW-07R		1330				X							
	MW-04		1410				X							
	Dup	12/18/24	—				X							

Special Instructions / Comments:

Turnaround Requirements

____Rush (Surcharges Apply)
Subject to Availability
Please Check with your PM
X Standard (10 Business Days)
Date Required:

Report Requirements

____Tier II/Cat A -Results/QC
X Tier IV/Cat B - Data Validation Report w/. Data
EDD: X Yes ____No
EDD Type:

Metals: RCRA 8•PP 13•TAL 23•TCLP•Other (List)

VOA/SVOA Report List: TCL • BTEX • TCLP • CP-51/Stars •THM • Other: _____

Invoice To: (X Same as Report To)

PO #:
Company:
Contact:
Email:
Phone:
Addr:

	Relinquished By:	Received By:	Relinquished By:	Received By:	Relinquished By:	Received By:
Signature						
Printed Name	B. Sabuda	Matthew Manley	Matthew Manley	Randy Dix		
Company	La Bella	ALS	ALS	ALS		
Date/Time	12/19/24 0930	12/19/24 15:04	12/19/24 17:15	12/19/24 17:15		

Distribution: White - Lab Copy; Yellow - Return to Originator

R2413278
Labella Associates, PC
Roblin/Alumax
5

Chain of Custody / Analytical Request Form

082007

SR#:

Page 2 of 2

1565 Jefferson Road, Building 300, Suite 360 • Rochester, NY 14623 • +1 585 288 5380 • alsglobal.com

Report To:

Company: LaBella
Contact: Chris Kibler
Email: CKibler@LaBellaPC.com
Phone: 716.551-6281
Address: 300 Pearl St
Buffalo, NY, 14202

ALL SHADED AREAS MUST BE COMPLETED BY THE CLIENT / SAMPLER

Project Name: Roblin/Alumax
Project Number: 220014
ALS Quote #: R-0101-GL-22
Sampler's Signature:
Email CC:
Email CC:
State Samples Collected (Circle or Write): NY, MA, PA, CT, Other:

Preservative codes: 0. None; 1. HCl; 2. HNO3; 3. H2SO4; 4. NAOH; 5. Zn Acet.; 6. MeOH; 7. NaHSO4; 8. Other

Lab ID (ALS)	Sample ID:	Date	Time	Matrix (GW, WW, SW, DW, S, L, NA)	Number of Containers	MS/MSD?	GC/MS VOA - 8260•624•524•TCLP	GC/MS SVOA - 8270 • 625 • TCLP	Pesticides - 8081 • 608 • TCLP	PCBs - 8082 • 608	Herbicides - 8151 • TCLP	Metals, Total - Select Below	Metals, Dissolved - Field / In-Lab Filter	Notes:
	MW-09R	12/18/24	1525											
	TRIP BLANK	12/18/24	—											

Special Instructions / Comments:

Turnaround Requirements

_____Rush (Surcharges Apply)
Subject to Availability
Please Check with your PM
_____ Standard (10 Business Days)
Date Required:

Report Requirements

_____Tier II/Cat A -Results/QC
_____Tier IV/Cat B - Data Validation Report w/. Data
EDD: _____Yes _____No
EDD Type:

Metals: RCRA 8•PP 13•TAL 23•TCLP•Other (List)

VOA/SVOA Report List: TCL • BTEX • TCLP • CP-51/Stars •THM • Other: _____

Invoice To: (□ Same as Report To)

PO #:
Company:
Contact:
Email:
Phone:
Address:

	Relinquished By:	Received By:	Relinquished By:	Received By:	Relinquished By:	Received By:
Signature						
Printed Name	B. Sabala	Matthew Markey	Matthew Markey	Brady Dick		
Company	LaBella	ALS	ALS	ALW		
Date/Time	12/19/24 0930	12/19/24 15:04	12/19/24 17:15	12/19/24 17:15		

Distribution: White - Lab Copy; Yellow - Return to Originator

R2413278 5
Labella Associates, PC
Robin/Alumax

Cooler Receipt and Preservation Check Form

Project/Client_____ Folder Number_____

Cooler received on 12/19/24 by: RJH

COURIER: ALS UPS FEDEX VELOCITY CLIENT

1	Were **Custody seals** on outside of cooler?	Y	N
2	**Custody papers** properly completed (ink, signed)?	Y	N
3	Did all bottles arrive in good **condition** (unbroken)?	Y	N
4	Circle: **Wet Ice Dry Ice Gel packs** present?	Y	N

5a	Did **VOA** vials have sig* **bubbles?**			Y N	NA
5b	Sig* bubbles: **Alk?**	Y N	NA	**Sulfide?** Y N	NA
6	Where did the bottles originate?	ALS/ROC	CLIENT		
7	Soil VOA received as:	Bulk	Encore	5035set	NA

8. Temperature Readings Date: 12/19/24 Time: 1720 ID: IR#12 IR#11 From: Temp Blank Sample Bottle

Temp (°C)	5.3	4.5	4.8				
Within 0-6°C?	Y N	Y N	Y N	Y N	Y N	Y N	Y N
If <0°C, were samples frozen?	Y N	Y N	Y N	Y N	Y N	Y N	Y N

If out of Temperature, note packing/ice condition: _____ Ice melted Poorly Packed (described below) Same Day Rule

&Client Approval to Run Samples: _____ Standing Approval Client aware at drop-off Client notified by: _____

All samples held in storage location: RC2 by RJH on 12/19/24 at 1735
5035 samples placed in storage location: _____ by _____ on _____ at _____ within 48 hours of sampling? Y N

Cooler Breakdown/Preservation Check**: Date: 12/20/24 Time: 837 by: SES.

9. Were all bottle labels complete (*i.e.* analysis, preservation, etc.)? YES NO
10. Did all bottle labels and tags agree with custody papers? YES NO
11. Were correct containers used for the tests indicated? YES NO
12. Were 5035 vials acceptable (no extra labels, not leaking)? YES NO N/A
13. Were dissolved metals filtered in the field? YES NO N/A
14. Air Samples: Cassettes / Tubes Intact Y / N with MS Y / N Canisters Pressurized Tedlar® Bags Inflated N/A

Limits	Lot of test paper	Reagent	In Limits? Yes	In Limits? No	Lot Received	Exp	Sample ID Adjusted	Vol. Added	Lot Added	Final pH
pH ≥12		NaOH								
pH ≤2		HNO_3								
pH ≤2		H_2SO_4								
pH <4		522 $NaHSO_4$								
pH 5-9		For 608pest			No=Notify for 3day					
Residual Chlorine (-)		For CN, Phenol, 625, 608pest, 522			If +, contact PM to add $Na_2S_2O_3$ (625, 608, CN), ascorbic (phenol).					
		$Na_2S_2O_3$	-	-						
		ZnAcetate	-	-						
		HCl	**	**	24008337	1/27				

**VOAs and 1664 Not to be tested before analysis. Otherwise, all bottles of all samples with chemical preservatives are checked (not just representatives).

Bottle lot numbers: 093024-3AXH

Explain all Discrepancies/ Other Comments:

* MW-22DD-121924 BOD bottle was 95% empty

HPROD	BULK
HTR	FLDT
SUB	HGFB
ALS	LL3541

Labels secondary reviewed by: SES. *significant air bubbles: VOA > 5-6 mm : WC >1 in. diameter

Miscellaneous Forms

ALS Environmental—Rochester Laboratory
1565 Jefferson Road, Building 300, Suite 360, Rochester, NY 14623
Phone (585) 288-5380 Fax (585) 288-8475
www.alsglobal.com

REPORT QUALIFIERS AND DEFINITIONS

U	Analyte was analyzed for but not detected. The sample quantitation limit has been corrected for dilution and for percent moisture, unless otherwise noted in the case narrative.
J	Estimated value due to either being a Tentatively Identified Compound (TIC) or that the concentration is between the MRL and the MDL. Concentrations are not verified within the linear range of the calibration. For DoD: concentration >40% difference between two GC columns (pesticides/Arclors).
B	Analyte was also detected in the associated method blank at a concentration that may have contributed to the sample result.
E	Inorganics- Concentration is estimated due to the serial dilution was outside control limits.
E	Organics- Concentration has exceeded the calibration range for that specific analysis.
D	Concentration is a result of a dilution, typically a secondary analysis of the sample due to exceeding the calibration range or that a surrogate has been diluted out of the sample and cannot be assessed.
*	Indicates that a quality control parameter has exceeded laboratory limits. Under the "Notes" column of the Form I, this qualifier denotes analysis was performed out of Holding Time.
H	Analysis was performed out of hold time for tests that have an "immediate" hold time criteria.
#	Spike was diluted out.
+	Correlation coefficient for MSA is <0.995.
N	Inorganics- Matrix spike recovery was outside laboratory limits.
N	Organics- Presumptive evidence of a compound (reported as a TIC) based on the MS library search.
S	Concentration has been determined using Method of Standard Additions (MSA).
W	Post-Digestion Spike recovery is outside control limits and the sample absorbance is <50% of the spike absorbance.
P	Concentration >40% difference between the two GC columns.
C	Confirmed by GC/MS
Q	DoD reports: indicates a pesticide/Aroclor is not confirmed (≥100% Difference between two GC columns).
X	See Case Narrative for discussion.
MRL LOQ	Method Reporting Limit. Also known as: Limit of Quantitation (LOQ) The lowest concentration at which the method analyte may be reliably quantified under the method conditions.
MDL	Method Detection Limit. A statistical value derived from a study designed to provide the lowest concentration that will be detected 99% of the time. Values between the MDL and MRL are estimated (see J qualifier).
LOD	Limit of Detection. A value at or above the MDL which has been verified to be detectable.
ND	Non-Detect. Analyte was not detected at the concentration listed. Same as U qualifier.

Rochester Lab ID # for State Accreditations[1]

NELAP States
Florida ID # E87674
New Hampshire ID # 2941
New York ID # 10145
Pennsylvania ID# 68-786
Texas ID#T104704581
Virginia #460167

Non-NELAP States
Connecticut ID #PH0556
Delaware Approved
Maine ID #NY01587
North Carolina #36701
North Carolina #676
Rhode Island LAO00333

[1] Analyses were performed according to our laboratory's NELAP-approved quality assurance program and any applicable state or agency requirements. The test results meet requirements of the current NELAP/TNI standards or state or agency requirements, where applicable, except as noted in the case narrative. Since not all analyte/method/matrix combinations are offered for state/NELAC accreditation, this report may contain results which are not accredited. For a specific list of accredited analytes, contact the laboratory. To verify NH accredited analytes, go to https://www4.des.state.nh.us/CertifiedLabs/Certified-Method.aspx.

ALS Laboratory Group

Acronyms

ASTM	American Society for Testing and Materials
A2LA	American Association for Laboratory Accreditation
CARB	California Air Resources Board
CAS Number	Chemical Abstract Service registry Number
CFC	Chlorofluorocarbon
CFU	Colony-Forming Unit
DEC	Department of Environmental Conservation
DEQ	Department of Environmental Quality
DHS	Department of Health Services
DOE	Department of Ecology
DOH	Department of Health
EPA	U. S. Environmental Protection Agency
ELAP	Environmental Laboratory Accreditation Program
GC	Gas Chromatography
GC/MS	Gas Chromatography/Mass Spectrometry
LUFT	Leaking Underground Fuel Tank
M	Modified
MCL	Maximum Contaminant Level is the highest permissible concentration of a substance allowed in drinking water as established by the USEPA.
MDL	Method Detection Limit
MPN	Most Probable Number
MRL	Method Reporting Limit
NA	Not Applicable
NC	Not Calculated
NCASI	National Council of the Paper Industry for Air and Stream Improvement
ND	Not Detected
NIOSH	National Institute for Occupational Safety and Health
PQL	Practical Quantitation Limit
RCRA	Resource Conservation and Recovery Act
SIM	Selected Ion Monitoring
TPH	Total Petroleum Hydrocarbons
tr	Trace level is the concentration of an analyte that is less than the PQL but greater than or equal to the MDL.

Client: Labella Associates, PC
Project: Roblin/Alumax/2200014

Service Request: R2413278

Sample Name: AL-7
Lab Code: R2413278-001
Sample Matrix: Water

Date Collected: 12/18/24
Date Received: 12/19/24

Analysis Method	Extracted/Digested By	Analyzed By
8260D		FNAEGLER

Sample Name: AL-1
Lab Code: R2413278-002
Sample Matrix: Water

Date Collected: 12/18/24
Date Received: 12/19/24

Analysis Method	Extracted/Digested By	Analyzed By
8260D		FNAEGLER

Sample Name: AL-2
Lab Code: R2413278-003
Sample Matrix: Water

Date Collected: 12/18/24
Date Received: 12/19/24

Analysis Method	Extracted/Digested By	Analyzed By
8260D		FNAEGLER

Sample Name: EX-MW-11R
Lab Code: R2413278-004
Sample Matrix: Water

Date Collected: 12/18/24
Date Received: 12/19/24

Analysis Method	Extracted/Digested By	Analyzed By
8260D		FNAEGLER

Sample Name: EX-MW-11R
Lab Code: R2413278-004.R01
Sample Matrix: Water

Date Collected: 12/18/24
Date Received: 12/19/24

Analysis Method	Extracted/Digested By	Analyzed By
8260D		FNAEGLER

Client:	Labella Associates, PC	**Service Request:**	R2413278
Project:	Roblin/Alumax/2200014		

Sample Name:	EX-MW-12	**Date Collected:**	12/18/24
Lab Code:	R2413278-005	**Date Received:**	12/19/24
Sample Matrix:	Water		

Analysis Method	Extracted/Digested By	Analyzed By
8260D		FNAEGLER

Sample Name:	MW-02R	**Date Collected:**	12/18/24
Lab Code:	R2413278-006	**Date Received:**	12/19/24
Sample Matrix:	Water		

Analysis Method	Extracted/Digested By	Analyzed By
8260D		FNAEGLER

Sample Name:	MW-13	**Date Collected:**	12/18/24
Lab Code:	R2413278-007	**Date Received:**	12/19/24
Sample Matrix:	Water		

Analysis Method	Extracted/Digested By	Analyzed By
8260D		FNAEGLER

Sample Name:	MW-07R	**Date Collected:**	12/18/24
Lab Code:	R2413278-008	**Date Received:**	12/19/24
Sample Matrix:	Water		

Analysis Method	Extracted/Digested By	Analyzed By
8260D		FNAEGLER

Sample Name:	MW-07R	**Date Collected:**	12/18/24
Lab Code:	R2413278-008.R01	**Date Received:**	12/19/24
Sample Matrix:	Water		

Analysis Method	Extracted/Digested By	Analyzed By
8260D		FNAEGLER

Client:	Labella Associates, PC	**Service Request:**	R2413278
Project:	Roblin/Alumax/2200014		

Sample Name:	MW-04	**Date Collected:**	12/18/24
Lab Code:	R2413278-009	**Date Received:**	12/19/24
Sample Matrix:	Water		

Analysis Method	Extracted/Digested By	Analyzed By
8260D		FNAEGLER

Sample Name:	DUP	**Date Collected:**	12/18/24
Lab Code:	R2413278-010	**Date Received:**	12/19/24
Sample Matrix:	Water		

Analysis Method	Extracted/Digested By	Analyzed By
8260D		FNAEGLER

Sample Name:	MW-09R	**Date Collected:**	12/18/24
Lab Code:	R2413278-011	**Date Received:**	12/19/24
Sample Matrix:	Water		

Analysis Method	Extracted/Digested By	Analyzed By
8260D		FNAEGLER

Sample Name:	Trip Blank	**Date Collected:**	12/18/24
Lab Code:	R2413278-012	**Date Received:**	12/19/24
Sample Matrix:	Water		

Analysis Method	Extracted/Digested By	Analyzed By
8260D		FNAEGLER

PREPARATION METHODS

The preparation methods associated with this report are found in these tables unless discussed in the case narrative.

INORGANIC

Water/Liquid Matrix

Analytical Method	Preparation Method
200.7	200.2
200.8	200.2
6010C or 6010D	3005A/3010A
6020A or 6020B	ILM05.3
9034 Sulfide Acid Soluble	9030B
SM 4500-CN-N-2016 Amenable and Residual Cyanide	SM 4500-CN-G and SM 4500-CN-B,C-2016
SM 4500-CN-E WAD Cyanide	SM 4500-CN-I

Solid/Soil/Non-Aqueous Matrix

Analytical Method	Preparation Method
6010C or 6010D	3050B
6020A or 6020B	3050B
6010C or 6010D TCLP (1311) extract	3005A/3010A
6010C or 6010D SPLP (1312) extract	3005A/3010A
7199	3060A
300.0 Anions/ 350.1/ 353.2/ SM 2320B/ SM 5210B/ 9056A Anions	DI extraction
For analytical methods not listed, the preparation method is the same as the analytical method reference.	

ORGANIC

Preparation Methods for Organic methods are listed in the header of the Results pages.

Regarding "Bulk/5035A":
For soil/solid samples submitted in soil jars for Volatiles analysis, the prep method is listed as "Bulk/5035A". The lab follows the closed-system EPA 5035A protocols once the sample is transferred to a sealed vial, but collection in bulk in soil jars does not follow the collection protocols listed in EPA 5035A. In accordance with the NYSDOH technical notice of October 2012, all results or reporting limits <200 ug/kg are to be considered estimated due to potential low bias.

Sample Results

ALS Environmental—Rochester Laboratory
1565 Jefferson Road, Building 300, Suite 360, Rochester, NY 14623
Phone (585) 288-5380 Fax (585) 288-8475
www.alsglobal.com

Volatile Organic Compounds by GC/MS

ALS Environmental—Rochester Laboratory
1565 Jefferson Road, Building 300, Suite 360, Rochester, NY 14623
Phone (585) 288-5380 Fax (585) 288-8475
www.alsglobal.com

Client:	Labella Associates, PC	**Service Request:**	R2413278
Project:	Roblin/Alumax/2200014	**Date Collected:**	12/18/24 10:05
Sample Matrix:	Water	**Date Received:**	12/19/24 17:15
Sample Name:	AL-7	**Units:**	ug/L
Lab Code:	R2413278-001	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260D
Prep Method: EPA 5030C

Analyte Name	Result	PQL	Dil.	Date Analyzed	Q
1,1,1-Trichloroethane (TCA)	1.0 U	1.0	1	12/31/24 03:08	
1,1,2,2-Tetrachloroethane	1.0 U	1.0	1	12/31/24 03:08	
1,1,2-Trichloroethane	1.0 U	1.0	1	12/31/24 03:08	
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0 U	1.0	1	12/31/24 03:08	
1,1-Dichloroethane (1,1-DCA)	1.0 U	1.0	1	12/31/24 03:08	
1,1-Dichloroethene (1,1-DCE)	1.0 U	1.0	1	12/31/24 03:08	
1,2,3-Trichlorobenzene	1.0 U	1.0	1	12/31/24 03:08	
1,2,4-Trichlorobenzene	1.0 U	1.0	1	12/31/24 03:08	
1,2,4-Trimethylbenzene	1.0 U	1.0	1	12/31/24 03:08	
1,2-Dibromo-3-chloropropane (DBCP)	2.0 U	2.0	1	12/31/24 03:08	
1,2-Dibromoethane	1.0 U	1.0	1	12/31/24 03:08	
1,2-Dichlorobenzene	1.0 U	1.0	1	12/31/24 03:08	
1,2-Dichloroethane	1.0 U	1.0	1	12/31/24 03:08	
1,2-Dichloropropane	1.0 U	1.0	1	12/31/24 03:08	
1,3,5-Trimethylbenzene	1.0 U	1.0	1	12/31/24 03:08	
1,3-Dichlorobenzene	1.0 U	1.0	1	12/31/24 03:08	
1,4-Dichlorobenzene	1.0 U	1.0	1	12/31/24 03:08	
1,4-Dioxane	40 U	40	1	12/31/24 03:08	
2-Butanone (MEK)	5.0 U	5.0	1	12/31/24 03:08	
2-Hexanone	5.0 U	5.0	1	12/31/24 03:08	
4-Isopropyltoluene	1.0 U	1.0	1	12/31/24 03:08	
4-Methyl-2-pentanone	5.0 U	5.0	1	12/31/24 03:08	
Acetone	5.0 U	5.0	1	12/31/24 03:08	
Benzene	1.0 U	1.0	1	12/31/24 03:08	
Bromochloromethane	1.0 U	1.0	1	12/31/24 03:08	
Bromodichloromethane	1.0 U	1.0	1	12/31/24 03:08	
Bromoform	1.0 U	1.0	1	12/31/24 03:08	
Bromomethane	1.0 U	1.0	1	12/31/24 03:08	
Carbon Disulfide	1.0 U	1.0	1	12/31/24 03:08	
Carbon Tetrachloride	1.0 U	1.0	1	12/31/24 03:08	
Chlorobenzene	1.0 U	1.0	1	12/31/24 03:08	
Chloroethane	1.0 U	1.0	1	12/31/24 03:08	
Chloroform	1.0 U	1.0	1	12/31/24 03:08	
Chloromethane	1.0 U	1.0	1	12/31/24 03:08	
Cyclohexane	1.0 U	1.0	1	12/31/24 03:08	
Dibromochloromethane	1.0 U	1.0	1	12/31/24 03:08	
Dichlorodifluoromethane (CFC 12)	1.0 U	1.0	1	12/31/24 03:08	
Dichloromethane	1.0 U	1.0	1	12/31/24 03:08	
Ethylbenzene	1.0 U	1.0	1	12/31/24 03:08	
Isopropylbenzene (Cumene)	1.0 U	1.0	1	12/31/24 03:08	
Methyl Acetate	2.0 U	2.0	1	12/31/24 03:08	
Methyl tert-Butyl Ether	1.0 U	1.0	1	12/31/24 03:08	
Methylcyclohexane	1.0 U	1.0	1	12/31/24 03:08	

Analytical Report

Client:	Labella Associates, PC	**Service Request:**	R2413278
Project:	Roblin/Alumax/2200014	**Date Collected:**	12/18/24 10:05
Sample Matrix:	Water	**Date Received:**	12/19/24 17:15
Sample Name:	AL-7	**Units:**	ug/L
Lab Code:	R2413278-001	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260D
Prep Method: EPA 5030C

Analyte Name	Result	PQL	Dil.	Date Analyzed	Q
Naphthalene	1.0 U	1.0	1	12/31/24 03:08	
Styrene	1.0 U	1.0	1	12/31/24 03:08	
Tetrachloroethene (PCE)	1.0 U	1.0	1	12/31/24 03:08	
Toluene	1.0 U	1.0	1	12/31/24 03:08	
Trichloroethene (TCE)	1.0 U	1.0	1	12/31/24 03:08	
Trichlorofluoromethane (CFC 11)	1.0 U	1.0	1	12/31/24 03:08	
Vinyl Chloride	1.0 U	1.0	1	12/31/24 03:08	
cis-1,2-Dichloroethene	1.0 U	1.0	1	12/31/24 03:08	
cis-1,3-Dichloropropene	1.0 U	1.0	1	12/31/24 03:08	
m,p-Xylenes	2.0 U	2.0	1	12/31/24 03:08	
n-Butylbenzene	1.0 U	1.0	1	12/31/24 03:08	
n-Propylbenzene	1.0 U	1.0	1	12/31/24 03:08	
o-Xylene	1.0 U	1.0	1	12/31/24 03:08	
sec-Butylbenzene	1.0 U	1.0	1	12/31/24 03:08	
tert-Butylbenzene	1.0 U	1.0	1	12/31/24 03:08	
trans-1,2-Dichloroethene	1.0 U	1.0	1	12/31/24 03:08	
trans-1,3-Dichloropropene	1.0 U	1.0	1	12/31/24 03:08	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	102	85 - 122	12/31/24 03:08	
Dibromofluoromethane	103	80 - 116	12/31/24 03:08	
Toluene-d8	104	87 - 121	12/31/24 03:08	

Analytical Report

Client:	Labella Associates, PC	**Service Request:**	R2413278
Project:	Roblin/Alumax/2200014	**Date Collected:**	12/18/24 09:25
Sample Matrix:	Water	**Date Received:**	12/19/24 17:15
Sample Name:	AL-1	**Units:**	ug/L
Lab Code:	R2413278-002	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260D
Prep Method: EPA 5030C

Analyte Name	Result	PQL	Dil.	Date Analyzed	Q
1,1,1-Trichloroethane (TCA)	2.5 U	2.5	2.5	12/31/24 14:24	
1,1,2,2-Tetrachloroethane	2.5 U	2.5	2.5	12/31/24 14:24	
1,1,2-Trichloroethane	2.5 U	2.5	2.5	12/31/24 14:24	
1,1,2-Trichloro-1,2,2-trifluoroethane	2.5 U	2.5	2.5	12/31/24 14:24	
1,1-Dichloroethane (1,1-DCA)	2.5 U	2.5	2.5	12/31/24 14:24	
1,1-Dichloroethene (1,1-DCE)	2.5 U	2.5	2.5	12/31/24 14:24	
1,2,3-Trichlorobenzene	2.5 U	2.5	2.5	12/31/24 14:24	
1,2,4-Trichlorobenzene	2.5 U	2.5	2.5	12/31/24 14:24	
1,2,4-Trimethylbenzene	2.5 U	2.5	2.5	12/31/24 14:24	
1,2-Dibromo-3-chloropropane (DBCP)	5.0 U	5.0	2.5	12/31/24 14:24	
1,2-Dibromoethane	2.5 U	2.5	2.5	12/31/24 14:24	
1,2-Dichlorobenzene	2.5 U	2.5	2.5	12/31/24 14:24	
1,2-Dichloroethane	2.5 U	2.5	2.5	12/31/24 14:24	
1,2-Dichloropropane	2.5 U	2.5	2.5	12/31/24 14:24	
1,3,5-Trimethylbenzene	2.5 U	2.5	2.5	12/31/24 14:24	
1,3-Dichlorobenzene	2.5 U	2.5	2.5	12/31/24 14:24	
1,4-Dichlorobenzene	2.5 U	2.5	2.5	12/31/24 14:24	
1,4-Dioxane	100 U	100	2.5	12/31/24 14:24	
2-Butanone (MEK)	13 U	13	2.5	12/31/24 14:24	
2-Hexanone	13 U	13	2.5	12/31/24 14:24	
4-Isopropyltoluene	2.5 U	2.5	2.5	12/31/24 14:24	
4-Methyl-2-pentanone	13 U	13	2.5	12/31/24 14:24	
Acetone	13 U	13	2.5	12/31/24 14:24	
Benzene	**7.7**	2.5	2.5	12/31/24 14:24	
Bromochloromethane	2.5 U	2.5	2.5	12/31/24 14:24	
Bromodichloromethane	2.5 U	2.5	2.5	12/31/24 14:24	
Bromoform	2.5 U	2.5	2.5	12/31/24 14:24	
Bromomethane	2.5 U	2.5	2.5	12/31/24 14:24	
Carbon Disulfide	2.5 U	2.5	2.5	12/31/24 14:24	
Carbon Tetrachloride	2.5 U	2.5	2.5	12/31/24 14:24	
Chlorobenzene	2.5 U	2.5	2.5	12/31/24 14:24	
Chloroethane	2.5 U	2.5	2.5	12/31/24 14:24	
Chloroform	2.5 U	2.5	2.5	12/31/24 14:24	
Chloromethane	2.5 U	2.5	2.5	12/31/24 14:24	
Cyclohexane	**7.0**	2.5	2.5	12/31/24 14:24	
Dibromochloromethane	2.5 U	2.5	2.5	12/31/24 14:24	
Dichlorodifluoromethane (CFC 12)	2.5 U	2.5	2.5	12/31/24 14:24	
Dichloromethane	2.5 U	2.5	2.5	12/31/24 14:24	
Ethylbenzene	2.5 U	2.5	2.5	12/31/24 14:24	
Isopropylbenzene (Cumene)	2.5 U	2.5	2.5	12/31/24 14:24	
Methyl Acetate	5.0 U	5.0	2.5	12/31/24 14:24	
Methyl tert-Butyl Ether	2.5 U	2.5	2.5	12/31/24 14:24	
Methylcyclohexane	2.5 U	2.5	2.5	12/31/24 14:24	

Analytical Report

Client:	Labella Associates, PC	**Service Request:**	R2413278
Project:	Roblin/Alumax/2200014	**Date Collected:**	12/18/24 09:25
Sample Matrix:	Water	**Date Received:**	12/19/24 17:15
Sample Name:	AL-1	**Units:**	ug/L
Lab Code:	R2413278-002	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260D
Prep Method: EPA 5030C

Analyte Name	Result	PQL	Dil.	Date Analyzed	Q
Naphthalene	2.5 U	2.5	2.5	12/31/24 14:24	
Styrene	2.5 U	2.5	2.5	12/31/24 14:24	
Tetrachloroethene (PCE)	2.5 U	2.5	2.5	12/31/24 14:24	
Toluene	2.5 U	2.5	2.5	12/31/24 14:24	
Trichloroethene (TCE)	2.5 U	2.5	2.5	12/31/24 14:24	
Trichlorofluoromethane (CFC 11)	2.5 U	2.5	2.5	12/31/24 14:24	
Vinyl Chloride	**32**	2.5	2.5	12/31/24 14:24	
cis-1,2-Dichloroethene	**87**	2.5	2.5	12/31/24 14:24	
cis-1,3-Dichloropropene	2.5 U	2.5	2.5	12/31/24 14:24	
m,p-Xylenes	5.0 U	5.0	2.5	12/31/24 14:24	
n-Butylbenzene	2.5 U	2.5	2.5	12/31/24 14:24	
n-Propylbenzene	2.5 U	2.5	2.5	12/31/24 14:24	
o-Xylene	2.5 U	2.5	2.5	12/31/24 14:24	
sec-Butylbenzene	2.5 U	2.5	2.5	12/31/24 14:24	
tert-Butylbenzene	2.5 U	2.5	2.5	12/31/24 14:24	
trans-1,2-Dichloroethene	2.5 U	2.5	2.5	12/31/24 14:24	
trans-1,3-Dichloropropene	2.5 U	2.5	2.5	12/31/24 14:24	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	95	85 - 122	12/31/24 14:24	
Dibromofluoromethane	95	80 - 116	12/31/24 14:24	
Toluene-d8	98	87 - 121	12/31/24 14:24	

Client:	Labella Associates, PC	**Service Request:**	R2413278
Project:	Roblin/Alumax/2200014	**Date Collected:**	12/18/24 09:50
Sample Matrix:	Water	**Date Received:**	12/19/24 17:15
Sample Name:	AL-2	**Units:**	ug/L
Lab Code:	R2413278-003	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260D
Prep Method: EPA 5030C

Analyte Name	Result	PQL	Dil.	Date Analyzed	Q
1,1,1-Trichloroethane (TCA)	1.0 U	1.0	1	12/31/24 03:31	
1,1,2,2-Tetrachloroethane	1.0 U	1.0	1	12/31/24 03:31	
1,1,2-Trichloroethane	1.0 U	1.0	1	12/31/24 03:31	
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0 U	1.0	1	12/31/24 03:31	
1,1-Dichloroethane (1,1-DCA)	1.0 U	1.0	1	12/31/24 03:31	
1,1-Dichloroethene (1,1-DCE)	1.0 U	1.0	1	12/31/24 03:31	
1,2,3-Trichlorobenzene	1.0 U	1.0	1	12/31/24 03:31	
1,2,4-Trichlorobenzene	1.0 U	1.0	1	12/31/24 03:31	
1,2,4-Trimethylbenzene	1.0 U	1.0	1	12/31/24 03:31	
1,2-Dibromo-3-chloropropane (DBCP)	2.0 U	2.0	1	12/31/24 03:31	
1,2-Dibromoethane	1.0 U	1.0	1	12/31/24 03:31	
1,2-Dichlorobenzene	1.0 U	1.0	1	12/31/24 03:31	
1,2-Dichloroethane	1.0 U	1.0	1	12/31/24 03:31	
1,2-Dichloropropane	1.0 U	1.0	1	12/31/24 03:31	
1,3,5-Trimethylbenzene	1.0 U	1.0	1	12/31/24 03:31	
1,3-Dichlorobenzene	1.0 U	1.0	1	12/31/24 03:31	
1,4-Dichlorobenzene	1.0 U	1.0	1	12/31/24 03:31	
1,4-Dioxane	40 U	40	1	12/31/24 03:31	
2-Butanone (MEK)	5.0 U	5.0	1	12/31/24 03:31	
2-Hexanone	5.0 U	5.0	1	12/31/24 03:31	
4-Isopropyltoluene	1.0 U	1.0	1	12/31/24 03:31	
4-Methyl-2-pentanone	5.0 U	5.0	1	12/31/24 03:31	
Acetone	5.0 U	5.0	1	12/31/24 03:31	
Benzene	**4.4**	1.0	1	12/31/24 03:31	
Bromochloromethane	1.0 U	1.0	1	12/31/24 03:31	
Bromodichloromethane	1.0 U	1.0	1	12/31/24 03:31	
Bromoform	1.0 U	1.0	1	12/31/24 03:31	
Bromomethane	1.0 U	1.0	1	12/31/24 03:31	
Carbon Disulfide	1.0 U	1.0	1	12/31/24 03:31	
Carbon Tetrachloride	1.0 U	1.0	1	12/31/24 03:31	
Chlorobenzene	1.0 U	1.0	1	12/31/24 03:31	
Chloroethane	1.0 U	1.0	1	12/31/24 03:31	
Chloroform	1.0 U	1.0	1	12/31/24 03:31	
Chloromethane	1.0 U	1.0	1	12/31/24 03:31	
Cyclohexane	**2.0**	1.0	1	12/31/24 03:31	
Dibromochloromethane	1.0 U	1.0	1	12/31/24 03:31	
Dichlorodifluoromethane (CFC 12)	1.0 U	1.0	1	12/31/24 03:31	
Dichloromethane	1.0 U	1.0	1	12/31/24 03:31	
Ethylbenzene	1.0 U	1.0	1	12/31/24 03:31	
Isopropylbenzene (Cumene)	1.0 U	1.0	1	12/31/24 03:31	
Methyl Acetate	2.0 U	2.0	1	12/31/24 03:31	
Methyl tert-Butyl Ether	1.0 U	1.0	1	12/31/24 03:31	
Methylcyclohexane	1.0 U	1.0	1	12/31/24 03:31	

Analytical Report

Client:	Labella Associates, PC	**Service Request:**	R2413278
Project:	Roblin/Alumax/2200014	**Date Collected:**	12/18/24 09:50
Sample Matrix:	Water	**Date Received:**	12/19/24 17:15
Sample Name:	AL-2	**Units:**	ug/L
Lab Code:	R2413278-003	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260D
Prep Method: EPA 5030C

Analyte Name	Result	PQL	Dil.	Date Analyzed	Q
Naphthalene	1.0 U	1.0	1	12/31/24 03:31	
Styrene	1.0 U	1.0	1	12/31/24 03:31	
Tetrachloroethene (PCE)	1.0 U	1.0	1	12/31/24 03:31	
Toluene	1.0 U	1.0	1	12/31/24 03:31	
Trichloroethene (TCE)	1.0 U	1.0	1	12/31/24 03:31	
Trichlorofluoromethane (CFC 11)	1.0 U	1.0	1	12/31/24 03:31	
Vinyl Chloride	1.0 U	1.0	1	12/31/24 03:31	
cis-1,2-Dichloroethene	1.0 U	1.0	1	12/31/24 03:31	
cis-1,3-Dichloropropene	1.0 U	1.0	1	12/31/24 03:31	
m,p-Xylenes	2.0 U	2.0	1	12/31/24 03:31	
n-Butylbenzene	1.0 U	1.0	1	12/31/24 03:31	
n-Propylbenzene	1.0 U	1.0	1	12/31/24 03:31	
o-Xylene	1.0 U	1.0	1	12/31/24 03:31	
sec-Butylbenzene	1.0 U	1.0	1	12/31/24 03:31	
tert-Butylbenzene	1.0 U	1.0	1	12/31/24 03:31	
trans-1,2-Dichloroethene	1.0 U	1.0	1	12/31/24 03:31	
trans-1,3-Dichloropropene	1.0 U	1.0	1	12/31/24 03:31	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	95	85 - 122	12/31/24 03:31	
Dibromofluoromethane	95	80 - 116	12/31/24 03:31	
Toluene-d8	99	87 - 121	12/31/24 03:31	

Client:	Labella Associates, PC	**Service Request:**	R2413278
Project:	Roblin/Alumax/2200014	**Date Collected:**	12/18/24 10:40
Sample Matrix:	Water	**Date Received:**	12/19/24 17:15
Sample Name:	EX-MW-11R	**Units:**	ug/L
Lab Code:	R2413278-004	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260D
Prep Method: EPA 5030C

Analyte Name	Result	PQL	Dil.	Date Analyzed	Q
1,1,1-Trichloroethane (TCA)	10 U	10	10	12/31/24 06:33	
1,1,2,2-Tetrachloroethane	10 U	10	10	12/31/24 06:33	
1,1,2-Trichloroethane	10 U	10	10	12/31/24 06:33	
1,1,2-Trichloro-1,2,2-trifluoroethane	10 U	10	10	12/31/24 06:33	
1,1-Dichloroethane (1,1-DCA)	10 U	10	10	12/31/24 06:33	
1,1-Dichloroethene (1,1-DCE)	**16**	10	10	12/31/24 06:33	
1,2,3-Trichlorobenzene	10 U	10	10	12/31/24 06:33	
1,2,4-Trichlorobenzene	10 U	10	10	12/31/24 06:33	
1,2,4-Trimethylbenzene	10 U	10	10	12/31/24 06:33	
1,2-Dibromo-3-chloropropane (DBCP)	20 U	20	10	12/31/24 06:33	
1,2-Dibromoethane	10 U	10	10	12/31/24 06:33	
1,2-Dichlorobenzene	10 U	10	10	12/31/24 06:33	
1,2-Dichloroethane	10 U	10	10	12/31/24 06:33	
1,2-Dichloropropane	10 U	10	10	12/31/24 06:33	
1,3,5-Trimethylbenzene	10 U	10	10	12/31/24 06:33	
1,3-Dichlorobenzene	10 U	10	10	12/31/24 06:33	
1,4-Dichlorobenzene	10 U	10	10	12/31/24 06:33	
1,4-Dioxane	400 U	400	10	12/31/24 06:33	
2-Butanone (MEK)	50 U	50	10	12/31/24 06:33	
2-Hexanone	50 U	50	10	12/31/24 06:33	
4-Isopropyltoluene	10 U	10	10	12/31/24 06:33	
4-Methyl-2-pentanone	50 U	50	10	12/31/24 06:33	
Acetone	50 U	50	10	12/31/24 06:33	
Benzene	10 U	10	10	12/31/24 06:33	
Bromochloromethane	10 U	10	10	12/31/24 06:33	
Bromodichloromethane	10 U	10	10	12/31/24 06:33	
Bromoform	10 U	10	10	12/31/24 06:33	
Bromomethane	10 U	10	10	12/31/24 06:33	
Carbon Disulfide	10 U	10	10	12/31/24 06:33	
Carbon Tetrachloride	10 U	10	10	12/31/24 06:33	
Chlorobenzene	10 U	10	10	12/31/24 06:33	
Chloroethane	10 U	10	10	12/31/24 06:33	
Chloroform	10 U	10	10	12/31/24 06:33	
Chloromethane	10 U	10	10	12/31/24 06:33	
Cyclohexane	**12**	10	10	12/31/24 06:33	
Dibromochloromethane	10 U	10	10	12/31/24 06:33	
Dichlorodifluoromethane (CFC 12)	10 U	10	10	12/31/24 06:33	
Dichloromethane	10 U	10	10	12/31/24 06:33	
Ethylbenzene	10 U	10	10	12/31/24 06:33	
Isopropylbenzene (Cumene)	10 U	10	10	12/31/24 06:33	
Methyl Acetate	20 U	20	10	12/31/24 06:33	
Methyl tert-Butyl Ether	10 U	10	10	12/31/24 06:33	
Methylcyclohexane	**12**	10	10	12/31/24 06:33	

Client:	Labella Associates, PC	**Service Request:**	R2413278
Project:	Roblin/Alumax/2200014	**Date Collected:**	12/18/24 10:40
Sample Matrix:	Water	**Date Received:**	12/19/24 17:15
Sample Name:	EX-MW-11R	**Units:**	ug/L
Lab Code:	R2413278-004	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260D
Prep Method: EPA 5030C

Analyte Name	Result		PQL	Dil.	Date Analyzed	Q
Naphthalene	10	U	10	10	12/31/24 06:33	
Styrene	10	U	10	10	12/31/24 06:33	
Tetrachloroethene (PCE)	10	U	10	10	12/31/24 06:33	
Toluene	10	U	10	10	12/31/24 06:33	
Trichloroethene (TCE)	**43**		10	10	12/31/24 06:33	
Trichlorofluoromethane (CFC 11)	10	U	10	10	12/31/24 06:33	
Vinyl Chloride	**540**		10	10	12/31/24 06:33	
cis-1,2-Dichloroethene	**2400**	**E**	10	10	12/31/24 06:33	
cis-1,3-Dichloropropene	10	U	10	10	12/31/24 06:33	
m,p-Xylenes	20	U	20	10	12/31/24 06:33	
n-Butylbenzene	10	U	10	10	12/31/24 06:33	
n-Propylbenzene	10	U	10	10	12/31/24 06:33	
o-Xylene	10	U	10	10	12/31/24 06:33	
sec-Butylbenzene	10	U	10	10	12/31/24 06:33	
tert-Butylbenzene	10	U	10	10	12/31/24 06:33	
trans-1,2-Dichloroethene	10	U	10	10	12/31/24 06:33	
trans-1,3-Dichloropropene	10	U	10	10	12/31/24 06:33	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	99	85 - 122	12/31/24 06:33	
Dibromofluoromethane	101	80 - 116	12/31/24 06:33	
Toluene-d8	102	87 - 121	12/31/24 06:33	

Client:	Labella Associates, PC	**Service Request:**	R2413278
Project:	Roblin/Alumax/2200014	**Date Collected:**	12/18/24 10:40
Sample Matrix:	Water	**Date Received:**	12/19/24 17:15
Sample Name:	EX-MW-11R	**Units:**	ug/L
Lab Code:	R2413278-004	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260D
Prep Method: EPA 5030C

Analyte Name	Result	PQL	Dil.	Date Analyzed	Q
1,1,1-Trichloroethane (TCA)	25 U	25	25	12/31/24 14:47	
1,1,2,2-Tetrachloroethane	25 U	25	25	12/31/24 14:47	
1,1,2-Trichloroethane	25 U	25	25	12/31/24 14:47	
1,1,2-Trichloro-1,2,2-trifluoroethane	25 U	25	25	12/31/24 14:47	
1,1-Dichloroethane (1,1-DCA)	25 U	25	25	12/31/24 14:47	
1,1-Dichloroethene (1,1-DCE)	25 U	25	25	12/31/24 14:47	
1,2,3-Trichlorobenzene	25 U	25	25	12/31/24 14:47	
1,2,4-Trichlorobenzene	25 U	25	25	12/31/24 14:47	
1,2,4-Trimethylbenzene	25 U	25	25	12/31/24 14:47	
1,2-Dibromo-3-chloropropane (DBCP)	50 U	50	25	12/31/24 14:47	
1,2-Dibromoethane	25 U	25	25	12/31/24 14:47	
1,2-Dichlorobenzene	25 U	25	25	12/31/24 14:47	
1,2-Dichloroethane	25 U	25	25	12/31/24 14:47	
1,2-Dichloropropane	25 U	25	25	12/31/24 14:47	
1,3,5-Trimethylbenzene	25 U	25	25	12/31/24 14:47	
1,3-Dichlorobenzene	25 U	25	25	12/31/24 14:47	
1,4-Dichlorobenzene	25 U	25	25	12/31/24 14:47	
1,4-Dioxane	1000 U	1000	25	12/31/24 14:47	
2-Butanone (MEK)	130 U	130	25	12/31/24 14:47	
2-Hexanone	130 U	130	25	12/31/24 14:47	
4-Isopropyltoluene	25 U	25	25	12/31/24 14:47	
4-Methyl-2-pentanone	130 U	130	25	12/31/24 14:47	
Acetone	130 U	130	25	12/31/24 14:47	
Benzene	25 U	25	25	12/31/24 14:47	
Bromochloromethane	25 U	25	25	12/31/24 14:47	
Bromodichloromethane	25 U	25	25	12/31/24 14:47	
Bromoform	25 U	25	25	12/31/24 14:47	
Bromomethane	25 U	25	25	12/31/24 14:47	
Carbon Disulfide	25 U	25	25	12/31/24 14:47	
Carbon Tetrachloride	25 U	25	25	12/31/24 14:47	
Chlorobenzene	25 U	25	25	12/31/24 14:47	
Chloroethane	25 U	25	25	12/31/24 14:47	
Chloroform	25 U	25	25	12/31/24 14:47	
Chloromethane	25 U	25	25	12/31/24 14:47	
Cyclohexane	25 U	25	25	12/31/24 14:47	
Dibromochloromethane	25 U	25	25	12/31/24 14:47	
Dichlorodifluoromethane (CFC 12)	25 U	25	25	12/31/24 14:47	
Dichloromethane	25 U	25	25	12/31/24 14:47	
Ethylbenzene	25 U	25	25	12/31/24 14:47	
Isopropylbenzene (Cumene)	25 U	25	25	12/31/24 14:47	
Methyl Acetate	50 U	50	25	12/31/24 14:47	
Methyl tert-Butyl Ether	25 U	25	25	12/31/24 14:47	
Methylcyclohexane	25 U	25	25	12/31/24 14:47	

Client:	Labella Associates, PC	**Service Request:**	R2413278
Project:	Roblin/Alumax/2200014	**Date Collected:**	12/18/24 10:40
Sample Matrix:	Water	**Date Received:**	12/19/24 17:15
Sample Name:	EX-MW-11R	**Units:**	ug/L
Lab Code:	R2413278-004	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260D
Prep Method: EPA 5030C

Analyte Name	Result	PQL	Dil.	Date Analyzed	Q
Naphthalene	25 U	25	25	12/31/24 14:47	
Styrene	25 U	25	25	12/31/24 14:47	
Tetrachloroethene (PCE)	25 U	25	25	12/31/24 14:47	
Toluene	25 U	25	25	12/31/24 14:47	
Trichloroethene (TCE)	**65 D**	25	25	12/31/24 14:47	
Trichlorofluoromethane (CFC 11)	25 U	25	25	12/31/24 14:47	
Vinyl Chloride	**700 D**	25	25	12/31/24 14:47	
cis-1,2-Dichloroethene	**2800 D**	25	25	12/31/24 14:47	
cis-1,3-Dichloropropene	25 U	25	25	12/31/24 14:47	
m,p-Xylenes	50 U	50	25	12/31/24 14:47	
n-Butylbenzene	25 U	25	25	12/31/24 14:47	
n-Propylbenzene	25 U	25	25	12/31/24 14:47	
o-Xylene	25 U	25	25	12/31/24 14:47	
sec-Butylbenzene	25 U	25	25	12/31/24 14:47	
tert-Butylbenzene	25 U	25	25	12/31/24 14:47	
trans-1,2-Dichloroethene	25 U	25	25	12/31/24 14:47	
trans-1,3-Dichloropropene	25 U	25	25	12/31/24 14:47	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	93	85 - 122	12/31/24 14:47	
Dibromofluoromethane	93	80 - 116	12/31/24 14:47	
Toluene-d8	94	87 - 121	12/31/24 14:47	

Client:	Labella Associates, PC	**Service Request:**	R2413278
Project:	Roblin/Alumax/2200014	**Date Collected:**	12/18/24 12:00
Sample Matrix:	Water	**Date Received:**	12/19/24 17:15
Sample Name:	EX-MW-12	**Units:**	ug/L
Lab Code:	R2413278-005	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260D
Prep Method: EPA 5030C

Analyte Name	Result	PQL	Dil.	Date Analyzed	Q
1,1,1-Trichloroethane (TCA)	1.0 U	1.0	1	12/31/24 03:54	
1,1,2,2-Tetrachloroethane	1.0 U	1.0	1	12/31/24 03:54	
1,1,2-Trichloroethane	1.0 U	1.0	1	12/31/24 03:54	
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0 U	1.0	1	12/31/24 03:54	
1,1-Dichloroethane (1,1-DCA)	1.0 U	1.0	1	12/31/24 03:54	
1,1-Dichloroethene (1,1-DCE)	1.0 U	1.0	1	12/31/24 03:54	
1,2,3-Trichlorobenzene	1.0 U	1.0	1	12/31/24 03:54	
1,2,4-Trichlorobenzene	1.0 U	1.0	1	12/31/24 03:54	
1,2,4-Trimethylbenzene	1.0 U	1.0	1	12/31/24 03:54	
1,2-Dibromo-3-chloropropane (DBCP)	2.0 U	2.0	1	12/31/24 03:54	
1,2-Dibromoethane	1.0 U	1.0	1	12/31/24 03:54	
1,2-Dichlorobenzene	1.0 U	1.0	1	12/31/24 03:54	
1,2-Dichloroethane	1.0 U	1.0	1	12/31/24 03:54	
1,2-Dichloropropane	1.0 U	1.0	1	12/31/24 03:54	
1,3,5-Trimethylbenzene	1.0 U	1.0	1	12/31/24 03:54	
1,3-Dichlorobenzene	1.0 U	1.0	1	12/31/24 03:54	
1,4-Dichlorobenzene	1.0 U	1.0	1	12/31/24 03:54	
1,4-Dioxane	40 U	40	1	12/31/24 03:54	
2-Butanone (MEK)	5.0 U	5.0	1	12/31/24 03:54	
2-Hexanone	5.0 U	5.0	1	12/31/24 03:54	
4-Isopropyltoluene	1.0 U	1.0	1	12/31/24 03:54	
4-Methyl-2-pentanone	5.0 U	5.0	1	12/31/24 03:54	
Acetone	5.0 U	5.0	1	12/31/24 03:54	
Benzene	1.0 U	1.0	1	12/31/24 03:54	
Bromochloromethane	1.0 U	1.0	1	12/31/24 03:54	
Bromodichloromethane	1.0 U	1.0	1	12/31/24 03:54	
Bromoform	1.0 U	1.0	1	12/31/24 03:54	
Bromomethane	1.0 U	1.0	1	12/31/24 03:54	
Carbon Disulfide	1.0 U	1.0	1	12/31/24 03:54	
Carbon Tetrachloride	1.0 U	1.0	1	12/31/24 03:54	
Chlorobenzene	1.0 U	1.0	1	12/31/24 03:54	
Chloroethane	1.0 U	1.0	1	12/31/24 03:54	
Chloroform	1.0 U	1.0	1	12/31/24 03:54	
Chloromethane	1.0 U	1.0	1	12/31/24 03:54	
Cyclohexane	1.0 U	1.0	1	12/31/24 03:54	
Dibromochloromethane	1.0 U	1.0	1	12/31/24 03:54	
Dichlorodifluoromethane (CFC 12)	1.0 U	1.0	1	12/31/24 03:54	
Dichloromethane	1.0 U	1.0	1	12/31/24 03:54	
Ethylbenzene	1.0 U	1.0	1	12/31/24 03:54	
Isopropylbenzene (Cumene)	1.0 U	1.0	1	12/31/24 03:54	
Methyl Acetate	2.0 U	2.0	1	12/31/24 03:54	
Methyl tert-Butyl Ether	1.0 U	1.0	1	12/31/24 03:54	
Methylcyclohexane	1.0 U	1.0	1	12/31/24 03:54	

Analytical Report

Client:	Labella Associates, PC	**Service Request:**	R2413278
Project:	Roblin/Alumax/2200014	**Date Collected:**	12/18/24 12:00
Sample Matrix:	Water	**Date Received:**	12/19/24 17:15
Sample Name:	EX-MW-12	**Units:**	ug/L
Lab Code:	R2413278-005	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260D
Prep Method: EPA 5030C

Analyte Name	Result	PQL	Dil.	Date Analyzed	Q
Naphthalene	1.0 U	1.0	1	12/31/24 03:54	
Styrene	1.0 U	1.0	1	12/31/24 03:54	
Tetrachloroethene (PCE)	1.0 U	1.0	1	12/31/24 03:54	
Toluene	1.0 U	1.0	1	12/31/24 03:54	
Trichloroethene (TCE)	1.0 U	1.0	1	12/31/24 03:54	
Trichlorofluoromethane (CFC 11)	1.0 U	1.0	1	12/31/24 03:54	
Vinyl Chloride	1.0 U	1.0	1	12/31/24 03:54	
cis-1,2-Dichloroethene	1.0 U	1.0	1	12/31/24 03:54	
cis-1,3-Dichloropropene	1.0 U	1.0	1	12/31/24 03:54	
m,p-Xylenes	2.0 U	2.0	1	12/31/24 03:54	
n-Butylbenzene	1.0 U	1.0	1	12/31/24 03:54	
n-Propylbenzene	1.0 U	1.0	1	12/31/24 03:54	
o-Xylene	1.0 U	1.0	1	12/31/24 03:54	
sec-Butylbenzene	1.0 U	1.0	1	12/31/24 03:54	
tert-Butylbenzene	1.0 U	1.0	1	12/31/24 03:54	
trans-1,2-Dichloroethene	1.0 U	1.0	1	12/31/24 03:54	
trans-1,3-Dichloropropene	1.0 U	1.0	1	12/31/24 03:54	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	98	85 - 122	12/31/24 03:54	
Dibromofluoromethane	100	80 - 116	12/31/24 03:54	
Toluene-d8	102	87 - 121	12/31/24 03:54	

Analytical Report

Client:	Labella Associates, PC	**Service Request:**	R2413278
Project:	Roblin/Alumax/2200014	**Date Collected:**	12/18/24 11:20
Sample Matrix:	Water	**Date Received:**	12/19/24 17:15
Sample Name:	MW-02R	**Units:**	ug/L
Lab Code:	R2413278-006	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260D
Prep Method: EPA 5030C

Analyte Name	Result	PQL	Dil.	Date Analyzed	Q
1,1,1-Trichloroethane (TCA)	1.0 U	1.0	1	12/31/24 04:16	
1,1,2,2-Tetrachloroethane	1.0 U	1.0	1	12/31/24 04:16	
1,1,2-Trichloroethane	1.0 U	1.0	1	12/31/24 04:16	
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0 U	1.0	1	12/31/24 04:16	
1,1-Dichloroethane (1,1-DCA)	1.0 U	1.0	1	12/31/24 04:16	
1,1-Dichloroethene (1,1-DCE)	1.0 U	1.0	1	12/31/24 04:16	
1,2,3-Trichlorobenzene	1.0 U	1.0	1	12/31/24 04:16	
1,2,4-Trichlorobenzene	1.0 U	1.0	1	12/31/24 04:16	
1,2,4-Trimethylbenzene	1.0 U	1.0	1	12/31/24 04:16	
1,2-Dibromo-3-chloropropane (DBCP)	2.0 U	2.0	1	12/31/24 04:16	
1,2-Dibromoethane	1.0 U	1.0	1	12/31/24 04:16	
1,2-Dichlorobenzene	1.0 U	1.0	1	12/31/24 04:16	
1,2-Dichloroethane	1.0 U	1.0	1	12/31/24 04:16	
1,2-Dichloropropane	1.0 U	1.0	1	12/31/24 04:16	
1,3,5-Trimethylbenzene	1.0 U	1.0	1	12/31/24 04:16	
1,3-Dichlorobenzene	1.0 U	1.0	1	12/31/24 04:16	
1,4-Dichlorobenzene	1.0 U	1.0	1	12/31/24 04:16	
1,4-Dioxane	40 U	40	1	12/31/24 04:16	
2-Butanone (MEK)	5.0 U	5.0	1	12/31/24 04:16	
2-Hexanone	5.0 U	5.0	1	12/31/24 04:16	
4-Isopropyltoluene	1.0 U	1.0	1	12/31/24 04:16	
4-Methyl-2-pentanone	5.0 U	5.0	1	12/31/24 04:16	
Acetone	5.0 U	5.0	1	12/31/24 04:16	
Benzene	**3.2**	1.0	1	12/31/24 04:16	
Bromochloromethane	1.0 U	1.0	1	12/31/24 04:16	
Bromodichloromethane	1.0 U	1.0	1	12/31/24 04:16	
Bromoform	1.0 U	1.0	1	12/31/24 04:16	
Bromomethane	1.0 U	1.0	1	12/31/24 04:16	
Carbon Disulfide	1.0 U	1.0	1	12/31/24 04:16	
Carbon Tetrachloride	1.0 U	1.0	1	12/31/24 04:16	
Chlorobenzene	1.0 U	1.0	1	12/31/24 04:16	
Chloroethane	1.0 U	1.0	1	12/31/24 04:16	
Chloroform	1.0 U	1.0	1	12/31/24 04:16	
Chloromethane	1.0 U	1.0	1	12/31/24 04:16	
Cyclohexane	**3.6**	1.0	1	12/31/24 04:16	
Dibromochloromethane	1.0 U	1.0	1	12/31/24 04:16	
Dichlorodifluoromethane (CFC 12)	1.0 U	1.0	1	12/31/24 04:16	
Dichloromethane	1.0 U	1.0	1	12/31/24 04:16	
Ethylbenzene	1.0 U	1.0	1	12/31/24 04:16	
Isopropylbenzene (Cumene)	1.0 U	1.0	1	12/31/24 04:16	
Methyl Acetate	2.0 U	2.0	1	12/31/24 04:16	
Methyl tert-Butyl Ether	1.0 U	1.0	1	12/31/24 04:16	
Methylcyclohexane	**4.5**	1.0	1	12/31/24 04:16	

Analytical Report

Client:	Labella Associates, PC	**Service Request:**	R2413278
Project:	Roblin/Alumax/2200014	**Date Collected:**	12/18/24 11:20
Sample Matrix:	Water	**Date Received:**	12/19/24 17:15
Sample Name:	MW-02R	**Units:**	ug/L
Lab Code:	R2413278-006	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260D
Prep Method: EPA 5030C

Analyte Name	Result	PQL	Dil.	Date Analyzed	Q
Naphthalene	1.0 U	1.0	1	12/31/24 04:16	
Styrene	1.0 U	1.0	1	12/31/24 04:16	
Tetrachloroethene (PCE)	1.0 U	1.0	1	12/31/24 04:16	
Toluene	1.0 U	1.0	1	12/31/24 04:16	
Trichloroethene (TCE)	**2.4**	1.0	1	12/31/24 04:16	
Trichlorofluoromethane (CFC 11)	1.0 U	1.0	1	12/31/24 04:16	
Vinyl Chloride	**150**	1.0	1	12/31/24 04:16	
cis-1,2-Dichloroethene	**180**	1.0	1	12/31/24 04:16	
cis-1,3-Dichloropropene	1.0 U	1.0	1	12/31/24 04:16	
m,p-Xylenes	2.0 U	2.0	1	12/31/24 04:16	
n-Butylbenzene	1.0 U	1.0	1	12/31/24 04:16	
n-Propylbenzene	1.0 U	1.0	1	12/31/24 04:16	
o-Xylene	1.0 U	1.0	1	12/31/24 04:16	
sec-Butylbenzene	1.0 U	1.0	1	12/31/24 04:16	
tert-Butylbenzene	1.0 U	1.0	1	12/31/24 04:16	
trans-1,2-Dichloroethene	1.0 U	1.0	1	12/31/24 04:16	
trans-1,3-Dichloropropene	1.0 U	1.0	1	12/31/24 04:16	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	95	85 - 122	12/31/24 04:16	
Dibromofluoromethane	96	80 - 116	12/31/24 04:16	
Toluene-d8	99	87 - 121	12/31/24 04:16	

Client:	Labella Associates, PC	**Service Request:**	R2413278
Project:	Roblin/Alumax/2200014	**Date Collected:**	12/18/24 12:45
Sample Matrix:	Water	**Date Received:**	12/19/24 17:15
Sample Name:	MW-13	**Units:**	ug/L
Lab Code:	R2413278-007	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260D
Prep Method: EPA 5030C

Analyte Name	Result	PQL	Dil.	Date Analyzed	Q
1,1,1-Trichloroethane (TCA)	1.0 U	1.0	1	12/31/24 04:39	
1,1,2,2-Tetrachloroethane	1.0 U	1.0	1	12/31/24 04:39	
1,1,2-Trichloroethane	1.0 U	1.0	1	12/31/24 04:39	
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0 U	1.0	1	12/31/24 04:39	
1,1-Dichloroethane (1,1-DCA)	1.0 U	1.0	1	12/31/24 04:39	
1,1-Dichloroethene (1,1-DCE)	1.0 U	1.0	1	12/31/24 04:39	
1,2,3-Trichlorobenzene	1.0 U	1.0	1	12/31/24 04:39	
1,2,4-Trichlorobenzene	1.0 U	1.0	1	12/31/24 04:39	
1,2,4-Trimethylbenzene	1.0 U	1.0	1	12/31/24 04:39	
1,2-Dibromo-3-chloropropane (DBCP)	2.0 U	2.0	1	12/31/24 04:39	
1,2-Dibromoethane	1.0 U	1.0	1	12/31/24 04:39	
1,2-Dichlorobenzene	1.0 U	1.0	1	12/31/24 04:39	
1,2-Dichloroethane	1.0 U	1.0	1	12/31/24 04:39	
1,2-Dichloropropane	1.0 U	1.0	1	12/31/24 04:39	
1,3,5-Trimethylbenzene	1.0 U	1.0	1	12/31/24 04:39	
1,3-Dichlorobenzene	1.0 U	1.0	1	12/31/24 04:39	
1,4-Dichlorobenzene	1.0 U	1.0	1	12/31/24 04:39	
1,4-Dioxane	40 U	40	1	12/31/24 04:39	
2-Butanone (MEK)	5.0 U	5.0	1	12/31/24 04:39	
2-Hexanone	5.0 U	5.0	1	12/31/24 04:39	
4-Isopropyltoluene	1.0 U	1.0	1	12/31/24 04:39	
4-Methyl-2-pentanone	5.0 U	5.0	1	12/31/24 04:39	
Acetone	5.0 U	5.0	1	12/31/24 04:39	
Benzene	1.0 U	1.0	1	12/31/24 04:39	
Bromochloromethane	1.0 U	1.0	1	12/31/24 04:39	
Bromodichloromethane	1.0 U	1.0	1	12/31/24 04:39	
Bromoform	1.0 U	1.0	1	12/31/24 04:39	
Bromomethane	1.0 U	1.0	1	12/31/24 04:39	
Carbon Disulfide	1.0 U	1.0	1	12/31/24 04:39	
Carbon Tetrachloride	1.0 U	1.0	1	12/31/24 04:39	
Chlorobenzene	1.0 U	1.0	1	12/31/24 04:39	
Chloroethane	1.0 U	1.0	1	12/31/24 04:39	
Chloroform	1.0 U	1.0	1	12/31/24 04:39	
Chloromethane	1.0 U	1.0	1	12/31/24 04:39	
Cyclohexane	**1.4**	1.0	1	12/31/24 04:39	
Dibromochloromethane	1.0 U	1.0	1	12/31/24 04:39	
Dichlorodifluoromethane (CFC 12)	1.0 U	1.0	1	12/31/24 04:39	
Dichloromethane	1.0 U	1.0	1	12/31/24 04:39	
Ethylbenzene	1.0 U	1.0	1	12/31/24 04:39	
Isopropylbenzene (Cumene)	1.0 U	1.0	1	12/31/24 04:39	
Methyl Acetate	2.0 U	2.0	1	12/31/24 04:39	
Methyl tert-Butyl Ether	1.0 U	1.0	1	12/31/24 04:39	
Methylcyclohexane	**1.6**	1.0	1	12/31/24 04:39	

Analytical Report

Client:	Labella Associates, PC	**Service Request:**	R2413278
Project:	Roblin/Alumax/2200014	**Date Collected:**	12/18/24 12:45
Sample Matrix:	Water	**Date Received:**	12/19/24 17:15
Sample Name:	MW-13	**Units:**	ug/L
Lab Code:	R2413278-007	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260D
Prep Method: EPA 5030C

Analyte Name	Result	PQL	Dil.	Date Analyzed	Q
Naphthalene	1.0 U	1.0	1	12/31/24 04:39	
Styrene	1.0 U	1.0	1	12/31/24 04:39	
Tetrachloroethene (PCE)	1.0 U	1.0	1	12/31/24 04:39	
Toluene	1.0 U	1.0	1	12/31/24 04:39	
Trichloroethene (TCE)	1.0 U	1.0	1	12/31/24 04:39	
Trichlorofluoromethane (CFC 11)	1.0 U	1.0	1	12/31/24 04:39	
Vinyl Chloride	**4.0**	1.0	1	12/31/24 04:39	
cis-1,2-Dichloroethene	**3.3**	1.0	1	12/31/24 04:39	
cis-1,3-Dichloropropene	1.0 U	1.0	1	12/31/24 04:39	
m,p-Xylenes	2.0 U	2.0	1	12/31/24 04:39	
n-Butylbenzene	1.0 U	1.0	1	12/31/24 04:39	
n-Propylbenzene	1.0 U	1.0	1	12/31/24 04:39	
o-Xylene	1.0 U	1.0	1	12/31/24 04:39	
sec-Butylbenzene	1.0 U	1.0	1	12/31/24 04:39	
tert-Butylbenzene	1.0 U	1.0	1	12/31/24 04:39	
trans-1,2-Dichloroethene	1.0 U	1.0	1	12/31/24 04:39	
trans-1,3-Dichloropropene	1.0 U	1.0	1	12/31/24 04:39	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	94	85 - 122	12/31/24 04:39	
Dibromofluoromethane	95	80 - 116	12/31/24 04:39	
Toluene-d8	97	87 - 121	12/31/24 04:39	

Client:	Labella Associates, PC	**Service Request:**	R2413278
Project:	Roblin/Alumax/2200014	**Date Collected:**	12/18/24 13:30
Sample Matrix:	Water	**Date Received:**	12/19/24 17:15
Sample Name:	MW-07R	**Units:**	ug/L
Lab Code:	R2413278-008	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260D
Prep Method: EPA 5030C

Analyte Name	Result	PQL	Dil.	Date Analyzed	Q
1,1,1-Trichloroethane (TCA)	1.0 U	1.0	1	12/31/24 05:02	
1,1,2,2-Tetrachloroethane	1.0 U	1.0	1	12/31/24 05:02	
1,1,2-Trichloroethane	1.0 U	1.0	1	12/31/24 05:02	
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0 U	1.0	1	12/31/24 05:02	
1,1-Dichloroethane (1,1-DCA)	**6.2**	1.0	1	12/31/24 05:02	
1,1-Dichloroethene (1,1-DCE)	**22**	1.0	1	12/31/24 05:02	
1,2,3-Trichlorobenzene	1.0 U	1.0	1	12/31/24 05:02	
1,2,4-Trichlorobenzene	1.0 U	1.0	1	12/31/24 05:02	
1,2,4-Trimethylbenzene	1.0 U	1.0	1	12/31/24 05:02	
1,2-Dibromo-3-chloropropane (DBCP)	2.0 U	2.0	1	12/31/24 05:02	
1,2-Dibromoethane	1.0 U	1.0	1	12/31/24 05:02	
1,2-Dichlorobenzene	1.0 U	1.0	1	12/31/24 05:02	
1,2-Dichloroethane	1.0 U	1.0	1	12/31/24 05:02	
1,2-Dichloropropane	1.0 U	1.0	1	12/31/24 05:02	
1,3,5-Trimethylbenzene	1.0 U	1.0	1	12/31/24 05:02	
1,3-Dichlorobenzene	1.0 U	1.0	1	12/31/24 05:02	
1,4-Dichlorobenzene	1.0 U	1.0	1	12/31/24 05:02	
1,4-Dioxane	40 U	40	1	12/31/24 05:02	
2-Butanone (MEK)	5.0 U	5.0	1	12/31/24 05:02	
2-Hexanone	5.0 U	5.0	1	12/31/24 05:02	
4-Isopropyltoluene	1.0 U	1.0	1	12/31/24 05:02	
4-Methyl-2-pentanone	5.0 U	5.0	1	12/31/24 05:02	
Acetone	5.0 U	5.0	1	12/31/24 05:02	
Benzene	1.0 U	1.0	1	12/31/24 05:02	
Bromochloromethane	1.0 U	1.0	1	12/31/24 05:02	
Bromodichloromethane	1.0 U	1.0	1	12/31/24 05:02	
Bromoform	1.0 U	1.0	1	12/31/24 05:02	
Bromomethane	1.0 U	1.0	1	12/31/24 05:02	
Carbon Disulfide	**1.7**	1.0	1	12/31/24 05:02	
Carbon Tetrachloride	1.0 U	1.0	1	12/31/24 05:02	
Chlorobenzene	1.0 U	1.0	1	12/31/24 05:02	
Chloroethane	1.0 U	1.0	1	12/31/24 05:02	
Chloroform	1.0 U	1.0	1	12/31/24 05:02	
Chloromethane	1.0 U	1.0	1	12/31/24 05:02	
Cyclohexane	**1.2**	1.0	1	12/31/24 05:02	
Dibromochloromethane	1.0 U	1.0	1	12/31/24 05:02	
Dichlorodifluoromethane (CFC 12)	1.0 U	1.0	1	12/31/24 05:02	
Dichloromethane	1.0 U	1.0	1	12/31/24 05:02	
Ethylbenzene	1.0 U	1.0	1	12/31/24 05:02	
Isopropylbenzene (Cumene)	1.0 U	1.0	1	12/31/24 05:02	
Methyl Acetate	2.0 U	2.0	1	12/31/24 05:02	
Methyl tert-Butyl Ether	1.0 U	1.0	1	12/31/24 05:02	
Methylcyclohexane	1.0 U	1.0	1	12/31/24 05:02	

Client:	Labella Associates, PC	**Service Request:**	R2413278
Project:	Roblin/Alumax/2200014	**Date Collected:**	12/18/24 13:30
Sample Matrix:	Water	**Date Received:**	12/19/24 17:15
Sample Name:	MW-07R	**Units:**	ug/L
Lab Code:	R2413278-008	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260D
Prep Method: EPA 5030C

Analyte Name	Result		PQL	Dil.	Date Analyzed	Q
Naphthalene	1.0	U	1.0	1	12/31/24 05:02	
Styrene	1.0	U	1.0	1	12/31/24 05:02	
Tetrachloroethene (PCE)	1.0	U	1.0	1	12/31/24 05:02	
Toluene	1.0	U	1.0	1	12/31/24 05:02	
Trichloroethene (TCE)	**60**		1.0	1	12/31/24 05:02	
Trichlorofluoromethane (CFC 11)	1.0	U	1.0	1	12/31/24 05:02	
Vinyl Chloride	**1200**	**E**	1.0	1	12/31/24 05:02	
cis-1,2-Dichloroethene	**5200**	**E**	1.0	1	12/31/24 05:02	
cis-1,3-Dichloropropene	1.0	U	1.0	1	12/31/24 05:02	
m,p-Xylenes	2.0	U	2.0	1	12/31/24 05:02	
n-Butylbenzene	1.0	U	1.0	1	12/31/24 05:02	
n-Propylbenzene	1.0	U	1.0	1	12/31/24 05:02	
o-Xylene	1.0	U	1.0	1	12/31/24 05:02	
sec-Butylbenzene	1.0	U	1.0	1	12/31/24 05:02	
tert-Butylbenzene	1.0	U	1.0	1	12/31/24 05:02	
trans-1,2-Dichloroethene	**21**		1.0	1	12/31/24 05:02	
trans-1,3-Dichloropropene	1.0	U	1.0	1	12/31/24 05:02	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	98	85 - 122	12/31/24 05:02	
Dibromofluoromethane	101	80 - 116	12/31/24 05:02	
Toluene-d8	99	87 - 121	12/31/24 05:02	

Analytical Report

Client:	Labella Associates, PC	**Service Request:**	R2413278
Project:	Roblin/Alumax/2200014	**Date Collected:**	12/18/24 13:30
Sample Matrix:	Water	**Date Received:**	12/19/24 17:15
Sample Name:	MW-07R	**Units:**	ug/L
Lab Code:	R2413278-008	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260D
Prep Method: EPA 5030C

Analyte Name	Result	PQL	Dil.	Date Analyzed	Q
1,1,1-Trichloroethane (TCA)	50 U	50	50	12/31/24 15:10	
1,1,2,2-Tetrachloroethane	50 U	50	50	12/31/24 15:10	
1,1,2-Trichloroethane	50 U	50	50	12/31/24 15:10	
1,1,2-Trichloro-1,2,2-trifluoroethane	50 U	50	50	12/31/24 15:10	
1,1-Dichloroethane (1,1-DCA)	50 U	50	50	12/31/24 15:10	
1,1-Dichloroethene (1,1-DCE)	50 U	50	50	12/31/24 15:10	
1,2,3-Trichlorobenzene	50 U	50	50	12/31/24 15:10	
1,2,4-Trichlorobenzene	50 U	50	50	12/31/24 15:10	
1,2,4-Trimethylbenzene	50 U	50	50	12/31/24 15:10	
1,2-Dibromo-3-chloropropane (DBCP)	100 U	100	50	12/31/24 15:10	
1,2-Dibromoethane	50 U	50	50	12/31/24 15:10	
1,2-Dichlorobenzene	50 U	50	50	12/31/24 15:10	
1,2-Dichloroethane	50 U	50	50	12/31/24 15:10	
1,2-Dichloropropane	50 U	50	50	12/31/24 15:10	
1,3,5-Trimethylbenzene	50 U	50	50	12/31/24 15:10	
1,3-Dichlorobenzene	50 U	50	50	12/31/24 15:10	
1,4-Dichlorobenzene	50 U	50	50	12/31/24 15:10	
1,4-Dioxane	2000 U	2000	50	12/31/24 15:10	
2-Butanone (MEK)	250 U	250	50	12/31/24 15:10	
2-Hexanone	250 U	250	50	12/31/24 15:10	
4-Isopropyltoluene	50 U	50	50	12/31/24 15:10	
4-Methyl-2-pentanone	250 U	250	50	12/31/24 15:10	
Acetone	250 U	250	50	12/31/24 15:10	
Benzene	50 U	50	50	12/31/24 15:10	
Bromochloromethane	50 U	50	50	12/31/24 15:10	
Bromodichloromethane	50 U	50	50	12/31/24 15:10	
Bromoform	50 U	50	50	12/31/24 15:10	
Bromomethane	50 U	50	50	12/31/24 15:10	
Carbon Disulfide	50 U	50	50	12/31/24 15:10	
Carbon Tetrachloride	50 U	50	50	12/31/24 15:10	
Chlorobenzene	50 U	50	50	12/31/24 15:10	
Chloroethane	50 U	50	50	12/31/24 15:10	
Chloroform	50 U	50	50	12/31/24 15:10	
Chloromethane	50 U	50	50	12/31/24 15:10	
Cyclohexane	50 U	50	50	12/31/24 15:10	
Dibromochloromethane	50 U	50	50	12/31/24 15:10	
Dichlorodifluoromethane (CFC 12)	50 U	50	50	12/31/24 15:10	
Dichloromethane	50 U	50	50	12/31/24 15:10	
Ethylbenzene	50 U	50	50	12/31/24 15:10	
Isopropylbenzene (Cumene)	50 U	50	50	12/31/24 15:10	
Methyl Acetate	100 U	100	50	12/31/24 15:10	
Methyl tert-Butyl Ether	50 U	50	50	12/31/24 15:10	
Methylcyclohexane	50 U	50	50	12/31/24 15:10	

Analytical Report

Client:	Labella Associates, PC	**Service Request:**	R2413278
Project:	Roblin/Alumax/2200014	**Date Collected:**	12/18/24 13:30
Sample Matrix:	Water	**Date Received:**	12/19/24 17:15
Sample Name:	MW-07R	**Units:**	ug/L
Lab Code:	R2413278-008	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260D
Prep Method: EPA 5030C

Analyte Name	Result	PQL	Dil.	Date Analyzed	Q
Naphthalene	50 U	50	50	12/31/24 15:10	
Styrene	50 U	50	50	12/31/24 15:10	
Tetrachloroethene (PCE)	50 U	50	50	12/31/24 15:10	
Toluene	50 U	50	50	12/31/24 15:10	
Trichloroethene (TCE)	50 U	50	50	12/31/24 15:10	
Trichlorofluoromethane (CFC 11)	50 U	50	50	12/31/24 15:10	
Vinyl Chloride	**770 D**	50	50	12/31/24 15:10	
cis-1,2-Dichloroethene	**3800 D**	50	50	12/31/24 15:10	
cis-1,3-Dichloropropene	50 U	50	50	12/31/24 15:10	
m,p-Xylenes	100 U	100	50	12/31/24 15:10	
n-Butylbenzene	50 U	50	50	12/31/24 15:10	
n-Propylbenzene	50 U	50	50	12/31/24 15:10	
o-Xylene	50 U	50	50	12/31/24 15:10	
sec-Butylbenzene	50 U	50	50	12/31/24 15:10	
tert-Butylbenzene	50 U	50	50	12/31/24 15:10	
trans-1,2-Dichloroethene	50 U	50	50	12/31/24 15:10	
trans-1,3-Dichloropropene	50 U	50	50	12/31/24 15:10	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	98	85 - 122	12/31/24 15:10	
Dibromofluoromethane	101	80 - 116	12/31/24 15:10	
Toluene-d8	101	87 - 121	12/31/24 15:10	

Analytical Report

Client:	Labella Associates, PC	**Service Request:**	R2413278
Project:	Roblin/Alumax/2200014	**Date Collected:**	12/18/24 14:10
Sample Matrix:	Water	**Date Received:**	12/19/24 17:15
Sample Name:	MW-04	**Units:**	ug/L
Lab Code:	R2413278-009	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260D
Prep Method: EPA 5030C

Analyte Name	Result	PQL	Dil.	Date Analyzed	Q
1,1,1-Trichloroethane (TCA)	1.0 U	1.0	1	12/31/24 13:16	
1,1,2,2-Tetrachloroethane	1.0 U	1.0	1	12/31/24 13:16	
1,1,2-Trichloroethane	1.0 U	1.0	1	12/31/24 13:16	
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0 U	1.0	1	12/31/24 13:16	
1,1-Dichloroethane (1,1-DCA)	1.0 U	1.0	1	12/31/24 13:16	
1,1-Dichloroethene (1,1-DCE)	1.0 U	1.0	1	12/31/24 13:16	
1,2,3-Trichlorobenzene	1.0 U	1.0	1	12/31/24 13:16	
1,2,4-Trichlorobenzene	1.0 U	1.0	1	12/31/24 13:16	
1,2,4-Trimethylbenzene	1.0 U	1.0	1	12/31/24 13:16	
1,2-Dibromo-3-chloropropane (DBCP)	2.0 U	2.0	1	12/31/24 13:16	
1,2-Dibromoethane	1.0 U	1.0	1	12/31/24 13:16	
1,2-Dichlorobenzene	1.0 U	1.0	1	12/31/24 13:16	
1,2-Dichloroethane	1.0 U	1.0	1	12/31/24 13:16	
1,2-Dichloropropane	1.0 U	1.0	1	12/31/24 13:16	
1,3,5-Trimethylbenzene	1.0 U	1.0	1	12/31/24 13:16	
1,3-Dichlorobenzene	1.0 U	1.0	1	12/31/24 13:16	
1,4-Dichlorobenzene	1.0 U	1.0	1	12/31/24 13:16	
1,4-Dioxane	40 U	40	1	12/31/24 13:16	
2-Butanone (MEK)	5.0 U	5.0	1	12/31/24 13:16	
2-Hexanone	5.0 U	5.0	1	12/31/24 13:16	
4-Isopropyltoluene	1.0 U	1.0	1	12/31/24 13:16	
4-Methyl-2-pentanone	5.0 U	5.0	1	12/31/24 13:16	
Acetone	5.0 U	5.0	1	12/31/24 13:16	
Benzene	1.0 U	1.0	1	12/31/24 13:16	
Bromochloromethane	1.0 U	1.0	1	12/31/24 13:16	
Bromodichloromethane	1.0 U	1.0	1	12/31/24 13:16	
Bromoform	1.0 U	1.0	1	12/31/24 13:16	
Bromomethane	1.0 U	1.0	1	12/31/24 13:16	
Carbon Disulfide	**1.2**	1.0	1	12/31/24 13:16	
Carbon Tetrachloride	1.0 U	1.0	1	12/31/24 13:16	
Chlorobenzene	1.0 U	1.0	1	12/31/24 13:16	
Chloroethane	1.0 U	1.0	1	12/31/24 13:16	
Chloroform	1.0 U	1.0	1	12/31/24 13:16	
Chloromethane	1.0 U	1.0	1	12/31/24 13:16	
Cyclohexane	1.0 U	1.0	1	12/31/24 13:16	
Dibromochloromethane	1.0 U	1.0	1	12/31/24 13:16	
Dichlorodifluoromethane (CFC 12)	1.0 U	1.0	1	12/31/24 13:16	
Dichloromethane	1.0 U	1.0	1	12/31/24 13:16	
Ethylbenzene	1.0 U	1.0	1	12/31/24 13:16	
Isopropylbenzene (Cumene)	1.0 U	1.0	1	12/31/24 13:16	
Methyl Acetate	2.0 U	2.0	1	12/31/24 13:16	
Methyl tert-Butyl Ether	1.0 U	1.0	1	12/31/24 13:16	
Methylcyclohexane	1.0 U	1.0	1	12/31/24 13:16	

Analytical Report

Client:	Labella Associates, PC	**Service Request:**	R2413278
Project:	Roblin/Alumax/2200014	**Date Collected:**	12/18/24 14:10
Sample Matrix:	Water	**Date Received:**	12/19/24 17:15
Sample Name:	MW-04	**Units:**	ug/L
Lab Code:	R2413278-009	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260D
Prep Method: EPA 5030C

Analyte Name	Result	PQL	Dil.	Date Analyzed	Q
Naphthalene	1.0 U	1.0	1	12/31/24 13:16	
Styrene	1.0 U	1.0	1	12/31/24 13:16	
Tetrachloroethene (PCE)	1.0 U	1.0	1	12/31/24 13:16	
Toluene	1.0 U	1.0	1	12/31/24 13:16	
Trichloroethene (TCE)	1.0 U	1.0	1	12/31/24 13:16	
Trichlorofluoromethane (CFC 11)	1.0 U	1.0	1	12/31/24 13:16	
Vinyl Chloride	1.0 U	1.0	1	12/31/24 13:16	
cis-1,2-Dichloroethene	1.0 U	1.0	1	12/31/24 13:16	
cis-1,3-Dichloropropene	1.0 U	1.0	1	12/31/24 13:16	
m,p-Xylenes	2.0 U	2.0	1	12/31/24 13:16	
n-Butylbenzene	1.0 U	1.0	1	12/31/24 13:16	
n-Propylbenzene	1.0 U	1.0	1	12/31/24 13:16	
o-Xylene	1.0 U	1.0	1	12/31/24 13:16	
sec-Butylbenzene	1.0 U	1.0	1	12/31/24 13:16	
tert-Butylbenzene	1.0 U	1.0	1	12/31/24 13:16	
trans-1,2-Dichloroethene	1.0 U	1.0	1	12/31/24 13:16	
trans-1,3-Dichloropropene	1.0 U	1.0	1	12/31/24 13:16	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	97	85 - 122	12/31/24 13:16	
Dibromofluoromethane	99	80 - 116	12/31/24 13:16	
Toluene-d8	101	87 - 121	12/31/24 13:16	

Client:	Labella Associates, PC	**Service Request:**	R2413278
Project:	Roblin/Alumax/2200014	**Date Collected:**	12/18/24
Sample Matrix:	Water	**Date Received:**	12/19/24 17:15
Sample Name:	DUP	**Units:**	ug/L
Lab Code:	R2413278-010	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260D
Prep Method: EPA 5030C

Analyte Name	Result	PQL	Dil.	Date Analyzed	Q
1,1,1-Trichloroethane (TCA)	1.0 U	1.0	1	12/31/24 13:39	
1,1,2,2-Tetrachloroethane	1.0 U	1.0	1	12/31/24 13:39	
1,1,2-Trichloroethane	1.0 U	1.0	1	12/31/24 13:39	
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0 U	1.0	1	12/31/24 13:39	
1,1-Dichloroethane (1,1-DCA)	1.0 U	1.0	1	12/31/24 13:39	
1,1-Dichloroethene (1,1-DCE)	1.0 U	1.0	1	12/31/24 13:39	
1,2,3-Trichlorobenzene	1.0 U	1.0	1	12/31/24 13:39	
1,2,4-Trichlorobenzene	1.0 U	1.0	1	12/31/24 13:39	
1,2,4-Trimethylbenzene	1.0 U	1.0	1	12/31/24 13:39	
1,2-Dibromo-3-chloropropane (DBCP)	2.0 U	2.0	1	12/31/24 13:39	
1,2-Dibromoethane	1.0 U	1.0	1	12/31/24 13:39	
1,2-Dichlorobenzene	1.0 U	1.0	1	12/31/24 13:39	
1,2-Dichloroethane	1.0 U	1.0	1	12/31/24 13:39	
1,2-Dichloropropane	1.0 U	1.0	1	12/31/24 13:39	
1,3,5-Trimethylbenzene	1.0 U	1.0	1	12/31/24 13:39	
1,3-Dichlorobenzene	1.0 U	1.0	1	12/31/24 13:39	
1,4-Dichlorobenzene	1.0 U	1.0	1	12/31/24 13:39	
1,4-Dioxane	40 U	40	1	12/31/24 13:39	
2-Butanone (MEK)	5.0 U	5.0	1	12/31/24 13:39	
2-Hexanone	5.0 U	5.0	1	12/31/24 13:39	
4-Isopropyltoluene	1.0 U	1.0	1	12/31/24 13:39	
4-Methyl-2-pentanone	5.0 U	5.0	1	12/31/24 13:39	
Acetone	5.0 U	5.0	1	12/31/24 13:39	
Benzene	1.0 U	1.0	1	12/31/24 13:39	
Bromochloromethane	1.0 U	1.0	1	12/31/24 13:39	
Bromodichloromethane	1.0 U	1.0	1	12/31/24 13:39	
Bromoform	1.0 U	1.0	1	12/31/24 13:39	
Bromomethane	1.0 U	1.0	1	12/31/24 13:39	
Carbon Disulfide	**1.0**	1.0	1	12/31/24 13:39	
Carbon Tetrachloride	1.0 U	1.0	1	12/31/24 13:39	
Chlorobenzene	1.0 U	1.0	1	12/31/24 13:39	
Chloroethane	1.0 U	1.0	1	12/31/24 13:39	
Chloroform	1.0 U	1.0	1	12/31/24 13:39	
Chloromethane	1.0 U	1.0	1	12/31/24 13:39	
Cyclohexane	1.0 U	1.0	1	12/31/24 13:39	
Dibromochloromethane	1.0 U	1.0	1	12/31/24 13:39	
Dichlorodifluoromethane (CFC 12)	1.0 U	1.0	1	12/31/24 13:39	
Dichloromethane	1.0 U	1.0	1	12/31/24 13:39	
Ethylbenzene	1.0 U	1.0	1	12/31/24 13:39	
Isopropylbenzene (Cumene)	1.0 U	1.0	1	12/31/24 13:39	
Methyl Acetate	2.0 U	2.0	1	12/31/24 13:39	
Methyl tert-Butyl Ether	1.0 U	1.0	1	12/31/24 13:39	
Methylcyclohexane	1.0 U	1.0	1	12/31/24 13:39	

Analytical Report

Client:	Labella Associates, PC	**Service Request:**	R2413278
Project:	Roblin/Alumax/2200014	**Date Collected:**	12/18/24
Sample Matrix:	Water	**Date Received:**	12/19/24 17:15
Sample Name:	DUP	**Units:**	ug/L
Lab Code:	R2413278-010	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260D
Prep Method: EPA 5030C

Analyte Name	Result	PQL	Dil.	Date Analyzed	Q
Naphthalene	1.0 U	1.0	1	12/31/24 13:39	
Styrene	1.0 U	1.0	1	12/31/24 13:39	
Tetrachloroethene (PCE)	1.0 U	1.0	1	12/31/24 13:39	
Toluene	1.0 U	1.0	1	12/31/24 13:39	
Trichloroethene (TCE)	1.0 U	1.0	1	12/31/24 13:39	
Trichlorofluoromethane (CFC 11)	1.0 U	1.0	1	12/31/24 13:39	
Vinyl Chloride	1.0 U	1.0	1	12/31/24 13:39	
cis-1,2-Dichloroethene	1.0 U	1.0	1	12/31/24 13:39	
cis-1,3-Dichloropropene	1.0 U	1.0	1	12/31/24 13:39	
m,p-Xylenes	2.0 U	2.0	1	12/31/24 13:39	
n-Butylbenzene	1.0 U	1.0	1	12/31/24 13:39	
n-Propylbenzene	1.0 U	1.0	1	12/31/24 13:39	
o-Xylene	1.0 U	1.0	1	12/31/24 13:39	
sec-Butylbenzene	1.0 U	1.0	1	12/31/24 13:39	
tert-Butylbenzene	1.0 U	1.0	1	12/31/24 13:39	
trans-1,2-Dichloroethene	1.0 U	1.0	1	12/31/24 13:39	
trans-1,3-Dichloropropene	1.0 U	1.0	1	12/31/24 13:39	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	97	85 - 122	12/31/24 13:39	
Dibromofluoromethane	96	80 - 116	12/31/24 13:39	
Toluene-d8	100	87 - 121	12/31/24 13:39	

Client:	Labella Associates, PC	**Service Request:**	R2413278
Project:	Roblin/Alumax/2200014	**Date Collected:**	12/18/24 15:25
Sample Matrix:	Water	**Date Received:**	12/19/24 17:15
Sample Name:	MW-09R	**Units:**	ug/L
Lab Code:	R2413278-011	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260D
Prep Method: EPA 5030C

Analyte Name	Result	PQL	Dil.	Date Analyzed	Q
1,1,1-Trichloroethane (TCA)	2.5 U	2.5	2.5	12/31/24 14:02	
1,1,2,2-Tetrachloroethane	2.5 U	2.5	2.5	12/31/24 14:02	
1,1,2-Trichloroethane	2.5 U	2.5	2.5	12/31/24 14:02	
1,1,2-Trichloro-1,2,2-trifluoroethane	2.5 U	2.5	2.5	12/31/24 14:02	
1,1-Dichloroethane (1,1-DCA)	2.5 U	2.5	2.5	12/31/24 14:02	
1,1-Dichloroethene (1,1-DCE)	2.5 U	2.5	2.5	12/31/24 14:02	
1,2,3-Trichlorobenzene	2.5 U	2.5	2.5	12/31/24 14:02	
1,2,4-Trichlorobenzene	2.5 U	2.5	2.5	12/31/24 14:02	
1,2,4-Trimethylbenzene	2.5 U	2.5	2.5	12/31/24 14:02	
1,2-Dibromo-3-chloropropane (DBCP)	5.0 U	5.0	2.5	12/31/24 14:02	
1,2-Dibromoethane	2.5 U	2.5	2.5	12/31/24 14:02	
1,2-Dichlorobenzene	2.5 U	2.5	2.5	12/31/24 14:02	
1,2-Dichloroethane	2.5 U	2.5	2.5	12/31/24 14:02	
1,2-Dichloropropane	2.5 U	2.5	2.5	12/31/24 14:02	
1,3,5-Trimethylbenzene	2.5 U	2.5	2.5	12/31/24 14:02	
1,3-Dichlorobenzene	2.5 U	2.5	2.5	12/31/24 14:02	
1,4-Dichlorobenzene	2.5 U	2.5	2.5	12/31/24 14:02	
1,4-Dioxane	100 U	100	2.5	12/31/24 14:02	
2-Butanone (MEK)	13 U	13	2.5	12/31/24 14:02	
2-Hexanone	13 U	13	2.5	12/31/24 14:02	
4-Isopropyltoluene	2.5 U	2.5	2.5	12/31/24 14:02	
4-Methyl-2-pentanone	13 U	13	2.5	12/31/24 14:02	
Acetone	13 U	13	2.5	12/31/24 14:02	
Benzene	**2.6**	2.5	2.5	12/31/24 14:02	
Bromochloromethane	2.5 U	2.5	2.5	12/31/24 14:02	
Bromodichloromethane	2.5 U	2.5	2.5	12/31/24 14:02	
Bromoform	2.5 U	2.5	2.5	12/31/24 14:02	
Bromomethane	2.5 U	2.5	2.5	12/31/24 14:02	
Carbon Disulfide	2.5 U	2.5	2.5	12/31/24 14:02	
Carbon Tetrachloride	2.5 U	2.5	2.5	12/31/24 14:02	
Chlorobenzene	2.5 U	2.5	2.5	12/31/24 14:02	
Chloroethane	2.5 U	2.5	2.5	12/31/24 14:02	
Chloroform	2.5 U	2.5	2.5	12/31/24 14:02	
Chloromethane	2.5 U	2.5	2.5	12/31/24 14:02	
Cyclohexane	**17**	2.5	2.5	12/31/24 14:02	
Dibromochloromethane	2.5 U	2.5	2.5	12/31/24 14:02	
Dichlorodifluoromethane (CFC 12)	2.5 U	2.5	2.5	12/31/24 14:02	
Dichloromethane	2.5 U	2.5	2.5	12/31/24 14:02	
Ethylbenzene	2.5 U	2.5	2.5	12/31/24 14:02	
Isopropylbenzene (Cumene)	2.5 U	2.5	2.5	12/31/24 14:02	
Methyl Acetate	5.0 U	5.0	2.5	12/31/24 14:02	
Methyl tert-Butyl Ether	2.5 U	2.5	2.5	12/31/24 14:02	
Methylcyclohexane	**16**	2.5	2.5	12/31/24 14:02	

Analytical Report

Client:	Labella Associates, PC	**Service Request:**	R2413278
Project:	Roblin/Alumax/2200014	**Date Collected:**	12/18/24 15:25
Sample Matrix:	Water	**Date Received:**	12/19/24 17:15
Sample Name:	MW-09R	**Units:**	ug/L
Lab Code:	R2413278-011	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260D
Prep Method: EPA 5030C

Analyte Name	Result	PQL	Dil.	Date Analyzed	Q
Naphthalene	2.5 U	2.5	2.5	12/31/24 14:02	
Styrene	2.5 U	2.5	2.5	12/31/24 14:02	
Tetrachloroethene (PCE)	2.5 U	2.5	2.5	12/31/24 14:02	
Toluene	2.5 U	2.5	2.5	12/31/24 14:02	
Trichloroethene (TCE)	**15**	2.5	2.5	12/31/24 14:02	
Trichlorofluoromethane (CFC 11)	2.5 U	2.5	2.5	12/31/24 14:02	
Vinyl Chloride	**400**	2.5	2.5	12/31/24 14:02	
cis-1,2-Dichloroethene	**270**	2.5	2.5	12/31/24 14:02	
cis-1,3-Dichloropropene	2.5 U	2.5	2.5	12/31/24 14:02	
m,p-Xylenes	5.0 U	5.0	2.5	12/31/24 14:02	
n-Butylbenzene	2.5 U	2.5	2.5	12/31/24 14:02	
n-Propylbenzene	2.5 U	2.5	2.5	12/31/24 14:02	
o-Xylene	2.5 U	2.5	2.5	12/31/24 14:02	
sec-Butylbenzene	2.5 U	2.5	2.5	12/31/24 14:02	
tert-Butylbenzene	2.5 U	2.5	2.5	12/31/24 14:02	
trans-1,2-Dichloroethene	2.5 U	2.5	2.5	12/31/24 14:02	
trans-1,3-Dichloropropene	2.5 U	2.5	2.5	12/31/24 14:02	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	98	85 - 122	12/31/24 14:02	
Dibromofluoromethane	101	80 - 116	12/31/24 14:02	
Toluene-d8	102	87 - 121	12/31/24 14:02	

Analytical Report

Client:	Labella Associates, PC	**Service Request:**	R2413278
Project:	Roblin/Alumax/2200014	**Date Collected:**	12/18/24
Sample Matrix:	Water	**Date Received:**	12/19/24 17:15
Sample Name:	Trip Blank	**Units:**	ug/L
Lab Code:	R2413278-012	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260D
Prep Method: EPA 5030C

Analyte Name	Result	PQL	Dil.	Date Analyzed	Q
1,1,1-Trichloroethane (TCA)	1.0 U	1.0	1	12/31/24 02:45	
1,1,2,2-Tetrachloroethane	1.0 U	1.0	1	12/31/24 02:45	
1,1,2-Trichloroethane	1.0 U	1.0	1	12/31/24 02:45	
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0 U	1.0	1	12/31/24 02:45	
1,1-Dichloroethane (1,1-DCA)	1.0 U	1.0	1	12/31/24 02:45	
1,1-Dichloroethene (1,1-DCE)	1.0 U	1.0	1	12/31/24 02:45	
1,2,3-Trichlorobenzene	1.0 U	1.0	1	12/31/24 02:45	
1,2,4-Trichlorobenzene	1.0 U	1.0	1	12/31/24 02:45	
1,2,4-Trimethylbenzene	1.0 U	1.0	1	12/31/24 02:45	
1,2-Dibromo-3-chloropropane (DBCP)	2.0 U	2.0	1	12/31/24 02:45	
1,2-Dibromoethane	1.0 U	1.0	1	12/31/24 02:45	
1,2-Dichlorobenzene	1.0 U	1.0	1	12/31/24 02:45	
1,2-Dichloroethane	1.0 U	1.0	1	12/31/24 02:45	
1,2-Dichloropropane	1.0 U	1.0	1	12/31/24 02:45	
1,3,5-Trimethylbenzene	1.0 U	1.0	1	12/31/24 02:45	
1,3-Dichlorobenzene	1.0 U	1.0	1	12/31/24 02:45	
1,4-Dichlorobenzene	1.0 U	1.0	1	12/31/24 02:45	
1,4-Dioxane	40 U	40	1	12/31/24 02:45	
2-Butanone (MEK)	5.0 U	5.0	1	12/31/24 02:45	
2-Hexanone	5.0 U	5.0	1	12/31/24 02:45	
4-Isopropyltoluene	1.0 U	1.0	1	12/31/24 02:45	
4-Methyl-2-pentanone	5.0 U	5.0	1	12/31/24 02:45	
Acetone	5.0 U	5.0	1	12/31/24 02:45	
Benzene	1.0 U	1.0	1	12/31/24 02:45	
Bromochloromethane	1.0 U	1.0	1	12/31/24 02:45	
Bromodichloromethane	1.0 U	1.0	1	12/31/24 02:45	
Bromoform	1.0 U	1.0	1	12/31/24 02:45	
Bromomethane	1.0 U	1.0	1	12/31/24 02:45	
Carbon Disulfide	1.0 U	1.0	1	12/31/24 02:45	
Carbon Tetrachloride	1.0 U	1.0	1	12/31/24 02:45	
Chlorobenzene	1.0 U	1.0	1	12/31/24 02:45	
Chloroethane	1.0 U	1.0	1	12/31/24 02:45	
Chloroform	1.0 U	1.0	1	12/31/24 02:45	
Chloromethane	1.0 U	1.0	1	12/31/24 02:45	
Cyclohexane	1.0 U	1.0	1	12/31/24 02:45	
Dibromochloromethane	1.0 U	1.0	1	12/31/24 02:45	
Dichlorodifluoromethane (CFC 12)	1.0 U	1.0	1	12/31/24 02:45	
Dichloromethane	1.0 U	1.0	1	12/31/24 02:45	
Ethylbenzene	1.0 U	1.0	1	12/31/24 02:45	
Isopropylbenzene (Cumene)	1.0 U	1.0	1	12/31/24 02:45	
Methyl Acetate	2.0 U	2.0	1	12/31/24 02:45	
Methyl tert-Butyl Ether	1.0 U	1.0	1	12/31/24 02:45	
Methylcyclohexane	1.0 U	1.0	1	12/31/24 02:45	

Analytical Report

Client:	Labella Associates, PC	**Service Request:**	R2413278
Project:	Roblin/Alumax/2200014	**Date Collected:**	12/18/24
Sample Matrix:	Water	**Date Received:**	12/19/24 17:15
Sample Name:	Trip Blank	**Units:**	ug/L
Lab Code:	R2413278-012	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260D
Prep Method: EPA 5030C

Analyte Name	Result	PQL	Dil.	Date Analyzed	Q
Naphthalene	1.0 U	1.0	1	12/31/24 02:45	
Styrene	1.0 U	1.0	1	12/31/24 02:45	
Tetrachloroethene (PCE)	1.0 U	1.0	1	12/31/24 02:45	
Toluene	1.0 U	1.0	1	12/31/24 02:45	
Trichloroethene (TCE)	1.0 U	1.0	1	12/31/24 02:45	
Trichlorofluoromethane (CFC 11)	1.0 U	1.0	1	12/31/24 02:45	
Vinyl Chloride	1.0 U	1.0	1	12/31/24 02:45	
cis-1,2-Dichloroethene	1.0 U	1.0	1	12/31/24 02:45	
cis-1,3-Dichloropropene	1.0 U	1.0	1	12/31/24 02:45	
m,p-Xylenes	2.0 U	2.0	1	12/31/24 02:45	
n-Butylbenzene	1.0 U	1.0	1	12/31/24 02:45	
n-Propylbenzene	1.0 U	1.0	1	12/31/24 02:45	
o-Xylene	1.0 U	1.0	1	12/31/24 02:45	
sec-Butylbenzene	1.0 U	1.0	1	12/31/24 02:45	
tert-Butylbenzene	1.0 U	1.0	1	12/31/24 02:45	
trans-1,2-Dichloroethene	1.0 U	1.0	1	12/31/24 02:45	
trans-1,3-Dichloropropene	1.0 U	1.0	1	12/31/24 02:45	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	102	85 - 122	12/31/24 02:45	
Dibromofluoromethane	101	80 - 116	12/31/24 02:45	
Toluene-d8	104	87 - 121	12/31/24 02:45	

QC Summary Forms

ALS Environmental—Rochester Laboratory
1565 Jefferson Road, Building 300, Suite 360, Rochester, NY 14623
Phone (585) 288-5380 Fax (585) 288-8475
www.alsglobal.com

Volatile Organic Compounds by GC/MS

ALS Environmental—Rochester Laboratory
1565 Jefferson Road, Building 300, Suite 360, Rochester, NY 14623
Phone (585) 288-5380 Fax (585) 288-8475
www.alsglobal.com

Client: Labella Associates, PC **Service Request:** R2413278
Project: Roblin/Alumax/2200014
Sample Matrix: Water

SURROGATE RECOVERY SUMMARY
Volatile Organic Compounds by GC/MS

Analysis Method: 8260D
Extraction Method: EPA 5030C

Sample Name	Lab Code	4-Bromofluorobenzene 85 - 122	Dibromofluoromethane 80 - 116	Toluene-d8 87 - 121
AL-7	R2413278-001	102	103	104
AL-1	R2413278-002	95	95	98
AL-2	R2413278-003	95	95	99
EX-MW-11R	R2413278-004	99	101	102
EX-MW-11R DL	R2413278-004	93	93	94
EX-MW-12	R2413278-005	98	100	102
MW-02R	R2413278-006	95	96	99
MW-13	R2413278-007	94	95	97
MW-07R	R2413278-008	98	101	99
MW-07R DL	R2413278-008	98	101	101
MW-04	R2413278-009	97	99	101
DUP	R2413278-010	97	96	100
MW-09R	R2413278-011	98	101	102
Trip Blank	R2413278-012	102	101	104
Lab Control Sample	RQ2416639-02	96	96	96
Method Blank	RQ2416639-03	97	98	101
Lab Control Sample	RQ2416664-02	98	100	101
Method Blank	RQ2416664-03	95	95	98

Analytical Report

Client:	Labella Associates, PC	**Service Request:**	R2413278
Project:	Roblin/Alumax/2200014	**Date Collected:**	NA
Sample Matrix:	Water	**Date Received:**	NA
Sample Name:	Method Blank	**Units:**	ug/L
Lab Code:	RQ2416639-03	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260D
Prep Method: EPA 5030C

Analyte Name	Result	PQL	Dil.	Date Analyzed	Q
1,1,1-Trichloroethane (TCA)	1.0 U	1.0	1	12/30/24 22:57	
1,1,2,2-Tetrachloroethane	1.0 U	1.0	1	12/30/24 22:57	
1,1,2-Trichloroethane	1.0 U	1.0	1	12/30/24 22:57	
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0 U	1.0	1	12/30/24 22:57	
1,1-Dichloroethane (1,1-DCA)	1.0 U	1.0	1	12/30/24 22:57	
1,1-Dichloroethene (1,1-DCE)	1.0 U	1.0	1	12/30/24 22:57	
1,2,3-Trichlorobenzene	1.0 U	1.0	1	12/30/24 22:57	
1,2,4-Trichlorobenzene	1.0 U	1.0	1	12/30/24 22:57	
1,2,4-Trimethylbenzene	1.0 U	1.0	1	12/30/24 22:57	
1,2-Dibromo-3-chloropropane (DBCP)	2.0 U	2.0	1	12/30/24 22:57	
1,2-Dibromoethane	1.0 U	1.0	1	12/30/24 22:57	
1,2-Dichlorobenzene	1.0 U	1.0	1	12/30/24 22:57	
1,2-Dichloroethane	1.0 U	1.0	1	12/30/24 22:57	
1,2-Dichloropropane	1.0 U	1.0	1	12/30/24 22:57	
1,3,5-Trimethylbenzene	1.0 U	1.0	1	12/30/24 22:57	
1,3-Dichlorobenzene	1.0 U	1.0	1	12/30/24 22:57	
1,4-Dichlorobenzene	1.0 U	1.0	1	12/30/24 22:57	
1,4-Dioxane	40 U	40	1	12/30/24 22:57	
2-Butanone (MEK)	5.0 U	5.0	1	12/30/24 22:57	
2-Hexanone	5.0 U	5.0	1	12/30/24 22:57	
4-Isopropyltoluene	1.0 U	1.0	1	12/30/24 22:57	
4-Methyl-2-pentanone	5.0 U	5.0	1	12/30/24 22:57	
Acetone	5.0 U	5.0	1	12/30/24 22:57	
Benzene	1.0 U	1.0	1	12/30/24 22:57	
Bromochloromethane	1.0 U	1.0	1	12/30/24 22:57	
Bromodichloromethane	1.0 U	1.0	1	12/30/24 22:57	
Bromoform	1.0 U	1.0	1	12/30/24 22:57	
Bromomethane	1.0 U	1.0	1	12/30/24 22:57	
Carbon Disulfide	1.0 U	1.0	1	12/30/24 22:57	
Carbon Tetrachloride	1.0 U	1.0	1	12/30/24 22:57	
Chlorobenzene	1.0 U	1.0	1	12/30/24 22:57	
Chloroethane	1.0 U	1.0	1	12/30/24 22:57	
Chloroform	1.0 U	1.0	1	12/30/24 22:57	
Chloromethane	1.0 U	1.0	1	12/30/24 22:57	
Cyclohexane	1.0 U	1.0	1	12/30/24 22:57	
Dibromochloromethane	1.0 U	1.0	1	12/30/24 22:57	
Dichlorodifluoromethane (CFC 12)	1.0 U	1.0	1	12/30/24 22:57	
Dichloromethane	1.0 U	1.0	1	12/30/24 22:57	
Ethylbenzene	1.0 U	1.0	1	12/30/24 22:57	
Isopropylbenzene (Cumene)	1.0 U	1.0	1	12/30/24 22:57	
Methyl Acetate	2.0 U	2.0	1	12/30/24 22:57	
Methyl tert-Butyl Ether	1.0 U	1.0	1	12/30/24 22:57	
Methylcyclohexane	1.0 U	1.0	1	12/30/24 22:57	

Analytical Report

Client:	Labella Associates, PC	**Service Request:**	R2413278
Project:	Roblin/Alumax/2200014	**Date Collected:**	NA
Sample Matrix:	Water	**Date Received:**	NA
Sample Name:	Method Blank	**Units:**	ug/L
Lab Code:	RQ2416639-03	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260D
Prep Method: EPA 5030C

Analyte Name	Result	PQL	Dil.	Date Analyzed	Q
Naphthalene	1.0 U	1.0	1	12/30/24 22:57	
Styrene	1.0 U	1.0	1	12/30/24 22:57	
Tetrachloroethene (PCE)	1.0 U	1.0	1	12/30/24 22:57	
Toluene	1.0 U	1.0	1	12/30/24 22:57	
Trichloroethene (TCE)	1.0 U	1.0	1	12/30/24 22:57	
Trichlorofluoromethane (CFC 11)	1.0 U	1.0	1	12/30/24 22:57	
Vinyl Chloride	1.0 U	1.0	1	12/30/24 22:57	
cis-1,2-Dichloroethene	1.0 U	1.0	1	12/30/24 22:57	
cis-1,3-Dichloropropene	1.0 U	1.0	1	12/30/24 22:57	
m,p-Xylenes	2.0 U	2.0	1	12/30/24 22:57	
n-Butylbenzene	1.0 U	1.0	1	12/30/24 22:57	
n-Propylbenzene	1.0 U	1.0	1	12/30/24 22:57	
o-Xylene	1.0 U	1.0	1	12/30/24 22:57	
sec-Butylbenzene	1.0 U	1.0	1	12/30/24 22:57	
tert-Butylbenzene	1.0 U	1.0	1	12/30/24 22:57	
trans-1,2-Dichloroethene	1.0 U	1.0	1	12/30/24 22:57	
trans-1,3-Dichloropropene	1.0 U	1.0	1	12/30/24 22:57	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	97	85 - 122	12/30/24 22:57	
Dibromofluoromethane	98	80 - 116	12/30/24 22:57	
Toluene-d8	101	87 - 121	12/30/24 22:57	

Analytical Report

Client:	Labella Associates, PC	**Service Request:**	R2413278
Project:	Roblin/Alumax/2200014	**Date Collected:**	NA
Sample Matrix:	Water	**Date Received:**	NA
Sample Name:	Method Blank	**Units:**	ug/L
Lab Code:	RQ2416664-03	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260D
Prep Method: EPA 5030C

Analyte Name	Result	PQL	Dil.	Date Analyzed	Q
1,1,1-Trichloroethane (TCA)	1.0 U	1.0	1	12/31/24 12:08	
1,1,2,2-Tetrachloroethane	1.0 U	1.0	1	12/31/24 12:08	
1,1,2-Trichloroethane	1.0 U	1.0	1	12/31/24 12:08	
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0 U	1.0	1	12/31/24 12:08	
1,1-Dichloroethane (1,1-DCA)	1.0 U	1.0	1	12/31/24 12:08	
1,1-Dichloroethene (1,1-DCE)	1.0 U	1.0	1	12/31/24 12:08	
1,2,3-Trichlorobenzene	1.0 U	1.0	1	12/31/24 12:08	
1,2,4-Trichlorobenzene	1.0 U	1.0	1	12/31/24 12:08	
1,2,4-Trimethylbenzene	1.0 U	1.0	1	12/31/24 12:08	
1,2-Dibromo-3-chloropropane (DBCP)	2.0 U	2.0	1	12/31/24 12:08	
1,2-Dibromoethane	1.0 U	1.0	1	12/31/24 12:08	
1,2-Dichlorobenzene	1.0 U	1.0	1	12/31/24 12:08	
1,2-Dichloroethane	1.0 U	1.0	1	12/31/24 12:08	
1,2-Dichloropropane	1.0 U	1.0	1	12/31/24 12:08	
1,3,5-Trimethylbenzene	1.0 U	1.0	1	12/31/24 12:08	
1,3-Dichlorobenzene	1.0 U	1.0	1	12/31/24 12:08	
1,4-Dichlorobenzene	1.0 U	1.0	1	12/31/24 12:08	
1,4-Dioxane	40 U	40	1	12/31/24 12:08	
2-Butanone (MEK)	5.0 U	5.0	1	12/31/24 12:08	
2-Hexanone	5.0 U	5.0	1	12/31/24 12:08	
4-Isopropyltoluene	1.0 U	1.0	1	12/31/24 12:08	
4-Methyl-2-pentanone	5.0 U	5.0	1	12/31/24 12:08	
Acetone	5.0 U	5.0	1	12/31/24 12:08	
Benzene	1.0 U	1.0	1	12/31/24 12:08	
Bromochloromethane	1.0 U	1.0	1	12/31/24 12:08	
Bromodichloromethane	1.0 U	1.0	1	12/31/24 12:08	
Bromoform	1.0 U	1.0	1	12/31/24 12:08	
Bromomethane	1.0 U	1.0	1	12/31/24 12:08	
Carbon Disulfide	1.0 U	1.0	1	12/31/24 12:08	
Carbon Tetrachloride	1.0 U	1.0	1	12/31/24 12:08	
Chlorobenzene	1.0 U	1.0	1	12/31/24 12:08	
Chloroethane	1.0 U	1.0	1	12/31/24 12:08	
Chloroform	1.0 U	1.0	1	12/31/24 12:08	
Chloromethane	1.0 U	1.0	1	12/31/24 12:08	
Cyclohexane	1.0 U	1.0	1	12/31/24 12:08	
Dibromochloromethane	1.0 U	1.0	1	12/31/24 12:08	
Dichlorodifluoromethane (CFC 12)	1.0 U	1.0	1	12/31/24 12:08	
Dichloromethane	1.0 U	1.0	1	12/31/24 12:08	
Ethylbenzene	1.0 U	1.0	1	12/31/24 12:08	
Isopropylbenzene (Cumene)	1.0 U	1.0	1	12/31/24 12:08	
Methyl Acetate	2.0 U	2.0	1	12/31/24 12:08	
Methyl tert-Butyl Ether	1.0 U	1.0	1	12/31/24 12:08	
Methylcyclohexane	1.0 U	1.0	1	12/31/24 12:08	

Analytical Report

Client:	Labella Associates, PC	**Service Request:**	R2413278
Project:	Roblin/Alumax/2200014	**Date Collected:**	NA
Sample Matrix:	Water	**Date Received:**	NA
Sample Name:	Method Blank	**Units:**	ug/L
Lab Code:	RQ2416664-03	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260D
Prep Method: EPA 5030C

Analyte Name	Result	PQL	Dil.	Date Analyzed	Q
Naphthalene	1.0 U	1.0	1	12/31/24 12:08	
Styrene	1.0 U	1.0	1	12/31/24 12:08	
Tetrachloroethene (PCE)	1.0 U	1.0	1	12/31/24 12:08	
Toluene	1.0 U	1.0	1	12/31/24 12:08	
Trichloroethene (TCE)	1.0 U	1.0	1	12/31/24 12:08	
Trichlorofluoromethane (CFC 11)	1.0 U	1.0	1	12/31/24 12:08	
Vinyl Chloride	1.0 U	1.0	1	12/31/24 12:08	
cis-1,2-Dichloroethene	1.0 U	1.0	1	12/31/24 12:08	
cis-1,3-Dichloropropene	1.0 U	1.0	1	12/31/24 12:08	
m,p-Xylenes	2.0 U	2.0	1	12/31/24 12:08	
n-Butylbenzene	1.0 U	1.0	1	12/31/24 12:08	
n-Propylbenzene	1.0 U	1.0	1	12/31/24 12:08	
o-Xylene	1.0 U	1.0	1	12/31/24 12:08	
sec-Butylbenzene	1.0 U	1.0	1	12/31/24 12:08	
tert-Butylbenzene	1.0 U	1.0	1	12/31/24 12:08	
trans-1,2-Dichloroethene	1.0 U	1.0	1	12/31/24 12:08	
trans-1,3-Dichloropropene	1.0 U	1.0	1	12/31/24 12:08	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	95	85 - 122	12/31/24 12:08	
Dibromofluoromethane	95	80 - 116	12/31/24 12:08	
Toluene-d8	98	87 - 121	12/31/24 12:08	

Client: Labella Associates, PC
Project: Roblin/Alumax/2200014
Sample Matrix: Water

Service Request: R2413278
Date Analyzed: 12/31/24

Lab Control Sample Summary
Volatile Organic Compounds by GC/MS

Units:ug/L
Basis:NA

Lab Control Sample
RQ2416639-02

Analyte Name	Analytical Method	Result	Spike Amount	% Rec	% Rec Limits
1,1,1-Trichloroethane (TCA)	8260D	38.3	40.0	96	75-125
1,1,2,2-Tetrachloroethane	8260D	36.9	40.0	92	78-126
1,1,2-Trichloroethane	8260D	37.5	40.0	94	82-121
1,1,2-Trichloro-1,2,2-trifluoroethane	8260D	37.9	40.0	95	67-124
1,1-Dichloroethane (1,1-DCA)	8260D	39.4	40.0	99	80-124
1,1-Dichloroethene (1,1-DCE)	8260D	41.2	40.0	103	71-118
1,2,3-Trichlorobenzene	8260D	39.4	40.0	99	67-136
1,2,4-Trichlorobenzene	8260D	40.3	40.0	101	75-132
1,2,4-Trimethylbenzene	8260D	38.9	40.0	97	81-126
1,2-Dibromo-3-chloropropane (DBCP)	8260D	38.4	40.0	96	55-136
1,2-Dibromoethane	8260D	38.3	40.0	96	82-127
1,2-Dichlorobenzene	8260D	38.0	40.0	95	80-119
1,2-Dichloroethane	8260D	36.6	40.0	92	71-127
1,2-Dichloropropane	8260D	38.5	40.0	96	80-119
1,3,5-Trimethylbenzene	8260D	39.1	40.0	98	81-128
1,3-Dichlorobenzene	8260D	39.4	40.0	98	83-121
1,4-Dichlorobenzene	8260D	39.1	40.0	98	79-119
1,4-Dioxane	8260D	747	800	93	44-154
2-Butanone (MEK)	8260D	39.9	40.0	100	61-137
2-Hexanone	8260D	42.8	40.0	107	63-124
4-Isopropyltoluene	8260D	40.8	40.0	102	78-133
4-Methyl-2-pentanone	8260D	42.1	40.0	105	66-124
Acetone	8260D	37.0	40.0	92	40-161
Benzene	8260D	38.9	40.0	97	79-119
Bromochloromethane	8260D	39.5	40.0	99	81-126
Bromodichloromethane	8260D	38.0	40.0	95	81-123
Bromoform	8260D	39.3	40.0	98	65-146
Bromomethane	8260D	39.7	40.0	99	42-166
Carbon Disulfide	8260D	42.8	40.0	107	66-128
Carbon Tetrachloride	8260D	39.7	40.0	99	70-127
Chlorobenzene	8260D	38.5	40.0	96	80-121
Chloroethane	8260D	42.4	40.0	106	62-131
Chloroform	8260D	37.1	40.0	93	79-120

Client: Labella Associates, PC
Project: Roblin/Alumax/2200014
Sample Matrix: Water

Service Request: R2413278
Date Analyzed: 12/31/24

Lab Control Sample Summary
Volatile Organic Compounds by GC/MS

Units:ug/L
Basis:NA

Lab Control Sample
RQ2416639-02

Analyte Name	Analytical Method	Result	Spike Amount	% Rec	% Rec Limits
Chloromethane	8260D	43.5	40.0	109	61-143
Cyclohexane	8260D	39.6	40.0	99	69-120
Dibromochloromethane	8260D	37.5	40.0	94	72-128
Dichlorodifluoromethane (CFC 12)	8260D	51.1	40.0	128	59-155
Dichloromethane	8260D	40.6	40.0	102	73-122
Ethylbenzene	8260D	41.0	40.0	103	76-120
Isopropylbenzene (Cumene)	8260D	42.2	40.0	106	77-128
Methyl Acetate	8260D	37.1	40.0	93	44-93
Methyl tert-Butyl Ether	8260D	36.8	40.0	92	75-118
Methylcyclohexane	8260D	41.2	40.0	103	51-129
Naphthalene	8260D	41.9	40.0	105	59-140
Styrene	8260D	40.0	40.0	100	80-124
Tetrachloroethene (PCE)	8260D	40.9	40.0	102	72-125
Toluene	8260D	39.8	40.0	99	79-119
Trichloroethene (TCE)	8260D	40.3	40.0	101	74-122
Trichlorofluoromethane (CFC 11)	8260D	37.0	40.0	93	71-136
Vinyl Chloride	8260D	44.4	40.0	111	74-159
cis-1,2-Dichloroethene	8260D	42.3	40.0	106	80-121
cis-1,3-Dichloropropene	8260D	40.5	40.0	101	77-122
m,p-Xylenes	8260D	79.2	80.0	99	80-126
n-Butylbenzene	8260D	41.3	40.0	103	78-133
n-Propylbenzene	8260D	40.0	40.0	100	78-131
o-Xylene	8260D	39.7	40.0	99	79-123
sec-Butylbenzene	8260D	40.2	40.0	101	75-129
tert-Butylbenzene	8260D	39.0	40.0	98	76-126
trans-1,2-Dichloroethene	8260D	37.4	40.0	93	73-118
trans-1,3-Dichloropropene	8260D	40.7	40.0	102	71-133

Client: Labella Associates, PC
Project: Roblin/Alumax/2200014
Sample Matrix: Water

Service Request: R2413278
Date Analyzed: 12/31/24

Lab Control Sample Summary
Volatile Organic Compounds by GC/MS

Units:ug/L
Basis:NA

Lab Control Sample
RQ2416664-02

Analyte Name	Analytical Method	Result	Spike Amount	% Rec	% Rec Limits
1,1,1-Trichloroethane (TCA)	8260D	19.5	20.0	98	75-125
1,1,2,2-Tetrachloroethane	8260D	17.1	20.0	85	78-126
1,1,2-Trichloroethane	8260D	20.0	20.0	100	82-121
1,1,2-Trichloro-1,2,2-trifluoroethane	8260D	19.6	20.0	98	67-124
1,1-Dichloroethane (1,1-DCA)	8260D	21.3	20.0	106	80-124
1,1-Dichloroethene (1,1-DCE)	8260D	21.1	20.0	106	71-118
1,2,3-Trichlorobenzene	8260D	19.5	20.0	97	67-136
1,2,4-Trichlorobenzene	8260D	20.3	20.0	102	75-132
1,2,4-Trimethylbenzene	8260D	20.3	20.0	101	81-126
1,2-Dibromo-3-chloropropane (DBCP)	8260D	16.9	20.0	84	55-136
1,2-Dibromoethane	8260D	19.4	20.0	97	82-127
1,2-Dichlorobenzene	8260D	19.6	20.0	98	80-119
1,2-Dichloroethane	8260D	19.1	20.0	95	71-127
1,2-Dichloropropane	8260D	20.2	20.0	101	80-119
1,3,5-Trimethylbenzene	8260D	20.7	20.0	104	81-128
1,3-Dichlorobenzene	8260D	20.3	20.0	102	83-121
1,4-Dichlorobenzene	8260D	20.6	20.0	103	79-119
1,4-Dioxane	8260D	343	400	86	44-154
2-Butanone (MEK)	8260D	18.2	20.0	91	61-137
2-Hexanone	8260D	17.6	20.0	88	63-124
4-Isopropyltoluene	8260D	20.8	20.0	104	78-133
4-Methyl-2-pentanone	8260D	18.5	20.0	93	66-124
Acetone	8260D	16.6	20.0	83	40-161
Benzene	8260D	20.4	20.0	102	79-119
Bromochloromethane	8260D	21.2	20.0	106	81-126
Bromodichloromethane	8260D	19.6	20.0	98	81-123
Bromoform	8260D	19.4	20.0	97	65-146
Bromomethane	8260D	22.4	20.0	112	42-166
Carbon Disulfide	8260D	22.8	20.0	114	66-128
Carbon Tetrachloride	8260D	20.7	20.0	104	70-127
Chlorobenzene	8260D	20.3	20.0	102	80-121
Chloroethane	8260D	21.8	20.0	109	62-131
Chloroform	8260D	19.4	20.0	97	79-120

ALS Group USA, Corp.
dba ALS Environmental

QA/QC Report

Client: Labella Associates, PC
Project: Roblin/Alumax/2200014
Sample Matrix: Water

Service Request: R2413278
Date Analyzed: 12/31/24

Lab Control Sample Summary
Volatile Organic Compounds by GC/MS

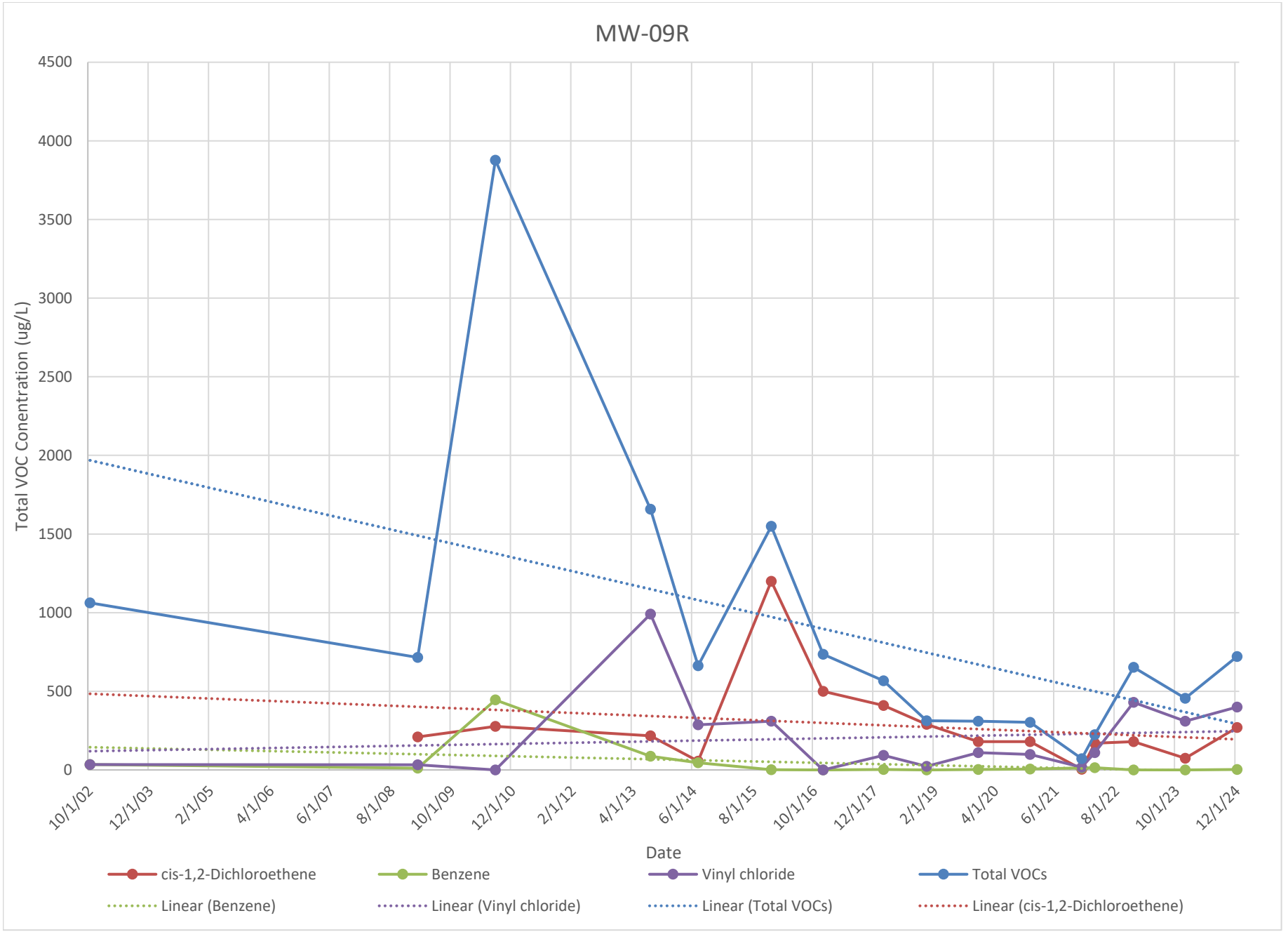
Units:ug/L
Basis:NA

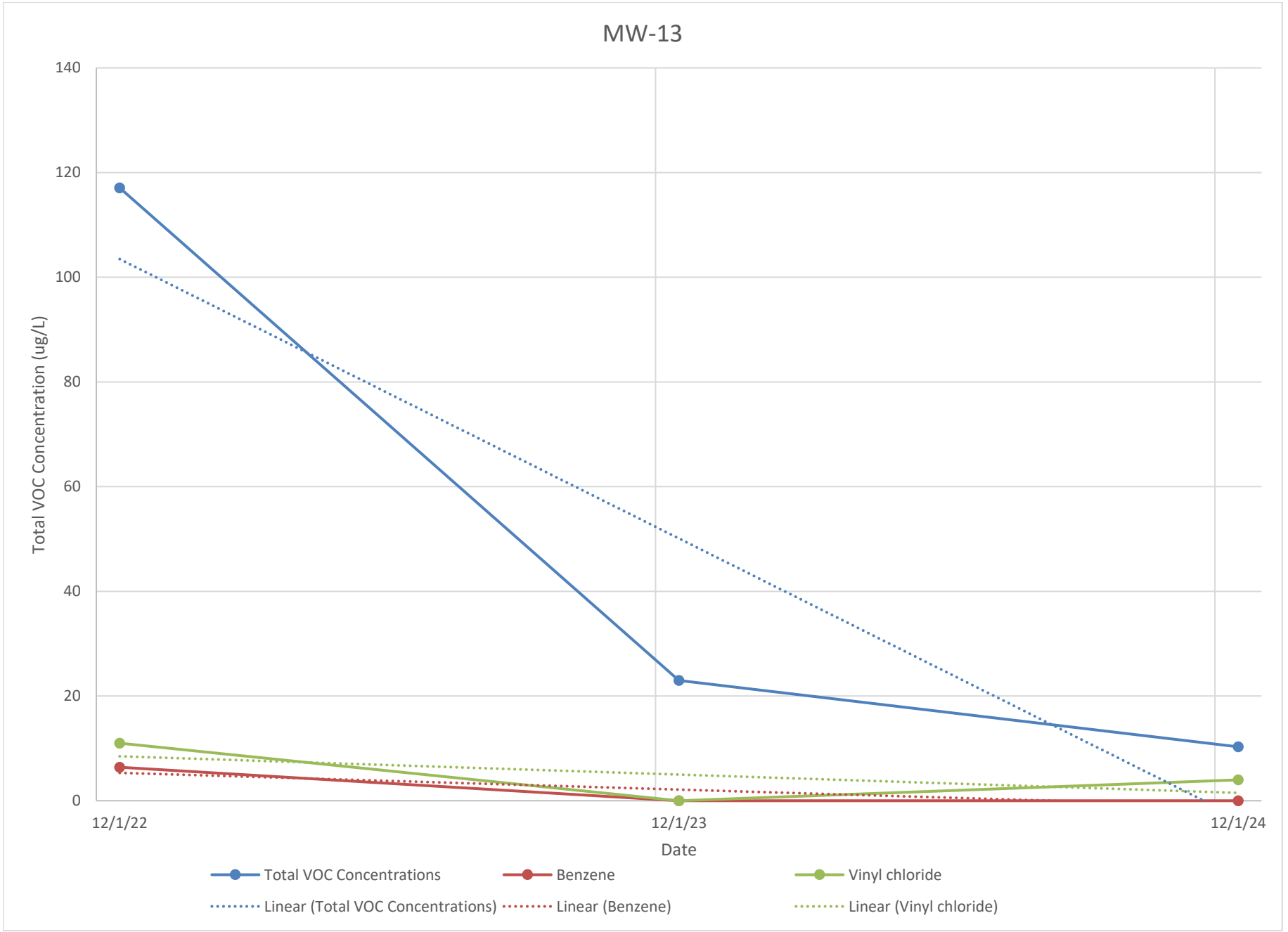
Lab Control Sample
RQ2416664-02

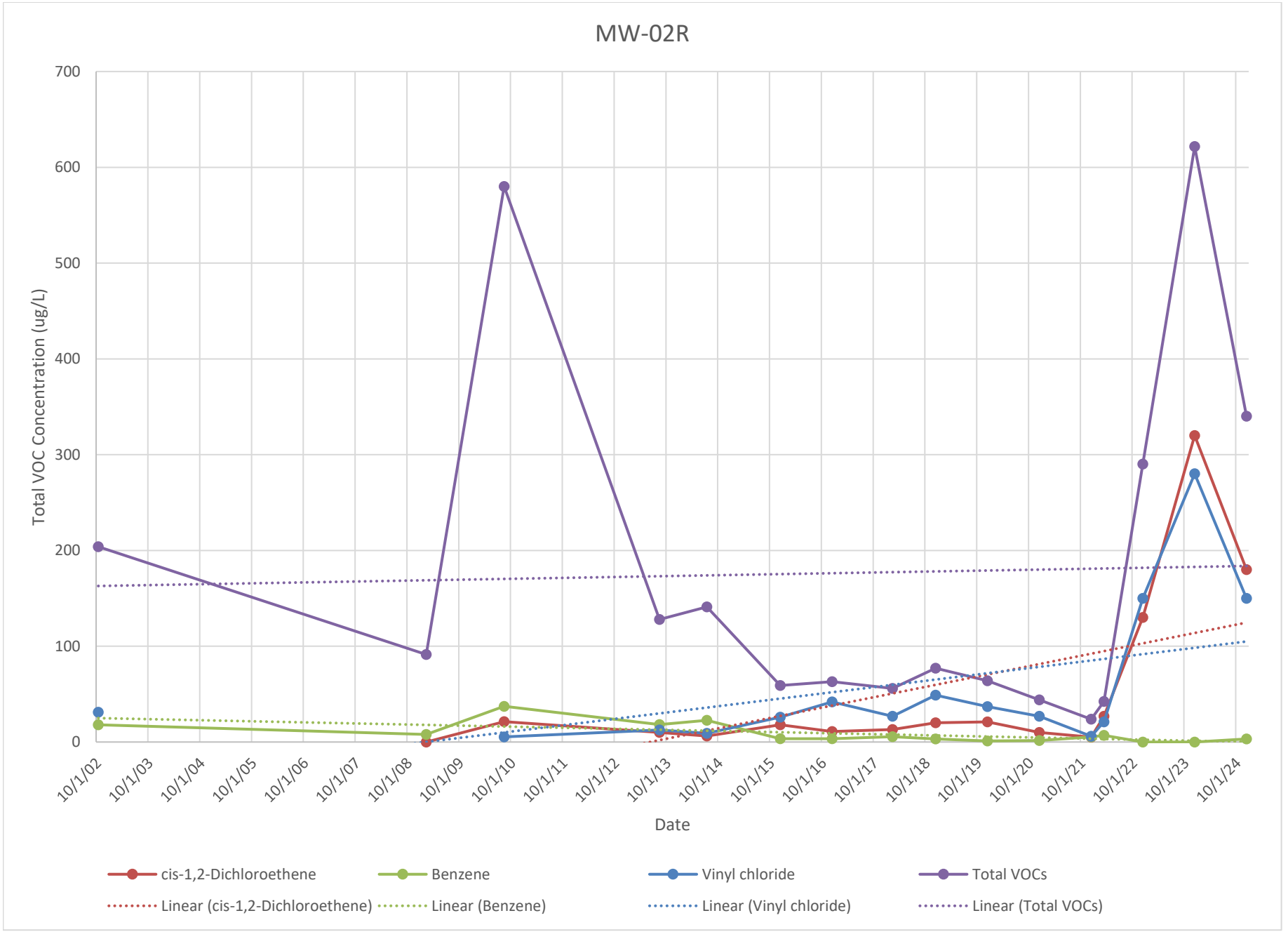
Analyte Name	Analytical Method	Result	Spike Amount	% Rec	% Rec Limits
Chloromethane	8260D	22.2	20.0	111	61-143
Cyclohexane	8260D	21.2	20.0	106	69-120
Dibromochloromethane	8260D	18.8	20.0	94	72-128
Dichlorodifluoromethane (CFC 12)	8260D	25.4	20.0	127	59-155
Dichloromethane	8260D	22.3	20.0	112	73-122
Ethylbenzene	8260D	20.9	20.0	105	76-120
Isopropylbenzene (Cumene)	8260D	22.1	20.0	110	77-128
Methyl Acetate	8260D	17.1	20.0	86	44-93
Methyl tert-Butyl Ether	8260D	18.5	20.0	93	75-118
Methylcyclohexane	8260D	21.7	20.0	109	51-129
Naphthalene	8260D	19.2	20.0	96	59-140
Styrene	8260D	20.5	20.0	103	80-124
Tetrachloroethene (PCE)	8260D	20.9	20.0	105	72-125
Toluene	8260D	21.3	20.0	107	79-119
Trichloroethene (TCE)	8260D	20.7	20.0	103	74-122
Trichlorofluoromethane (CFC 11)	8260D	19.8	20.0	99	71-136
Vinyl Chloride	8260D	22.7	20.0	114	74-159
cis-1,2-Dichloroethene	8260D	22.3	20.0	111	80-121
cis-1,3-Dichloropropene	8260D	20.4	20.0	102	77-122
m,p-Xylenes	8260D	41.1	40.0	103	80-126
n-Butylbenzene	8260D	21.3	20.0	106	78-133
n-Propylbenzene	8260D	20.2	20.0	101	78-131
o-Xylene	8260D	20.5	20.0	102	79-123
sec-Butylbenzene	8260D	20.4	20.0	102	75-129
tert-Butylbenzene	8260D	20.1	20.0	100	76-126
trans-1,2-Dichloroethene	8260D	19.4	20.0	97	73-118
trans-1,3-Dichloropropene	8260D	20.2	20.0	101	71-133

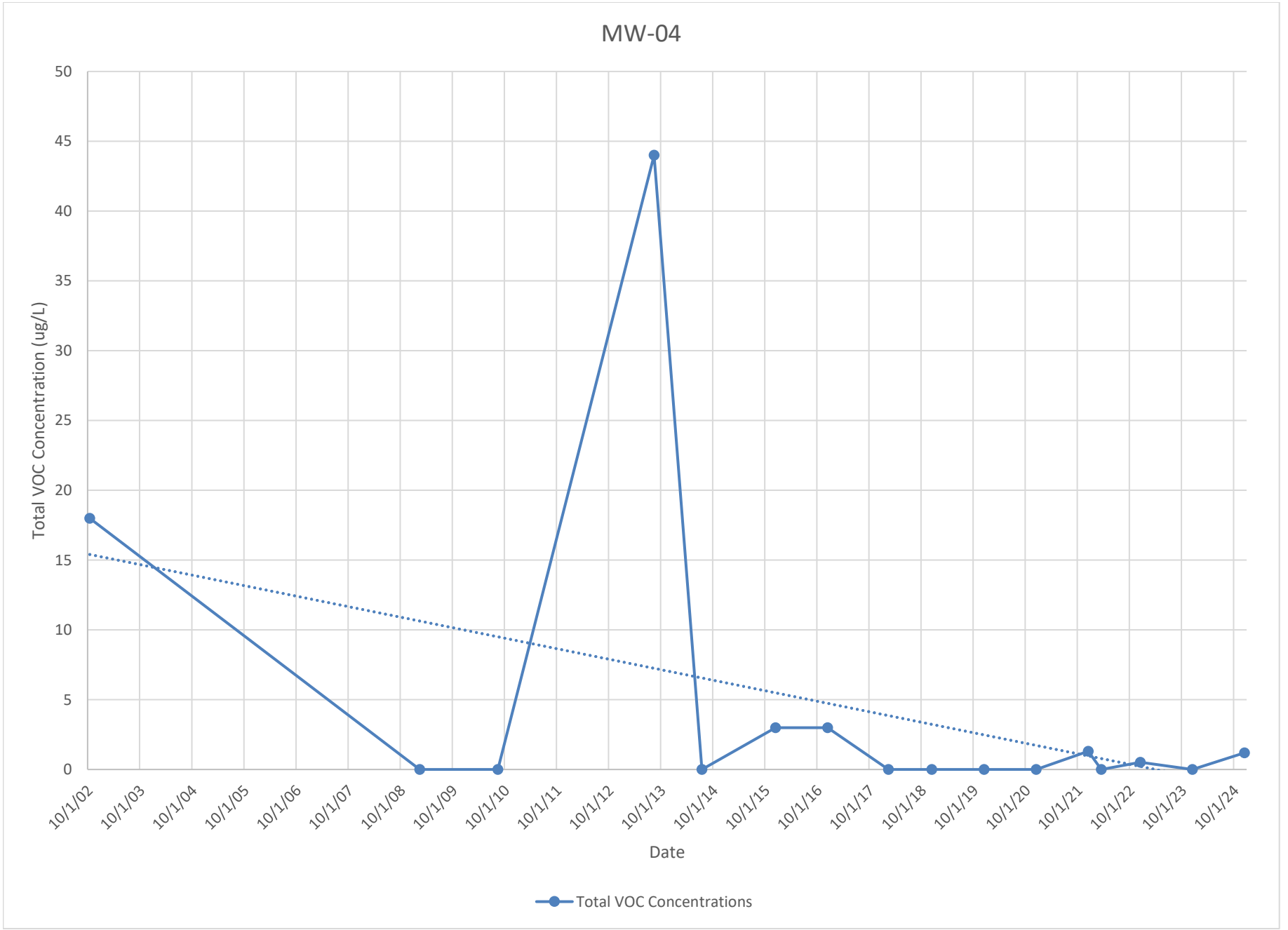
APPENDIX 7

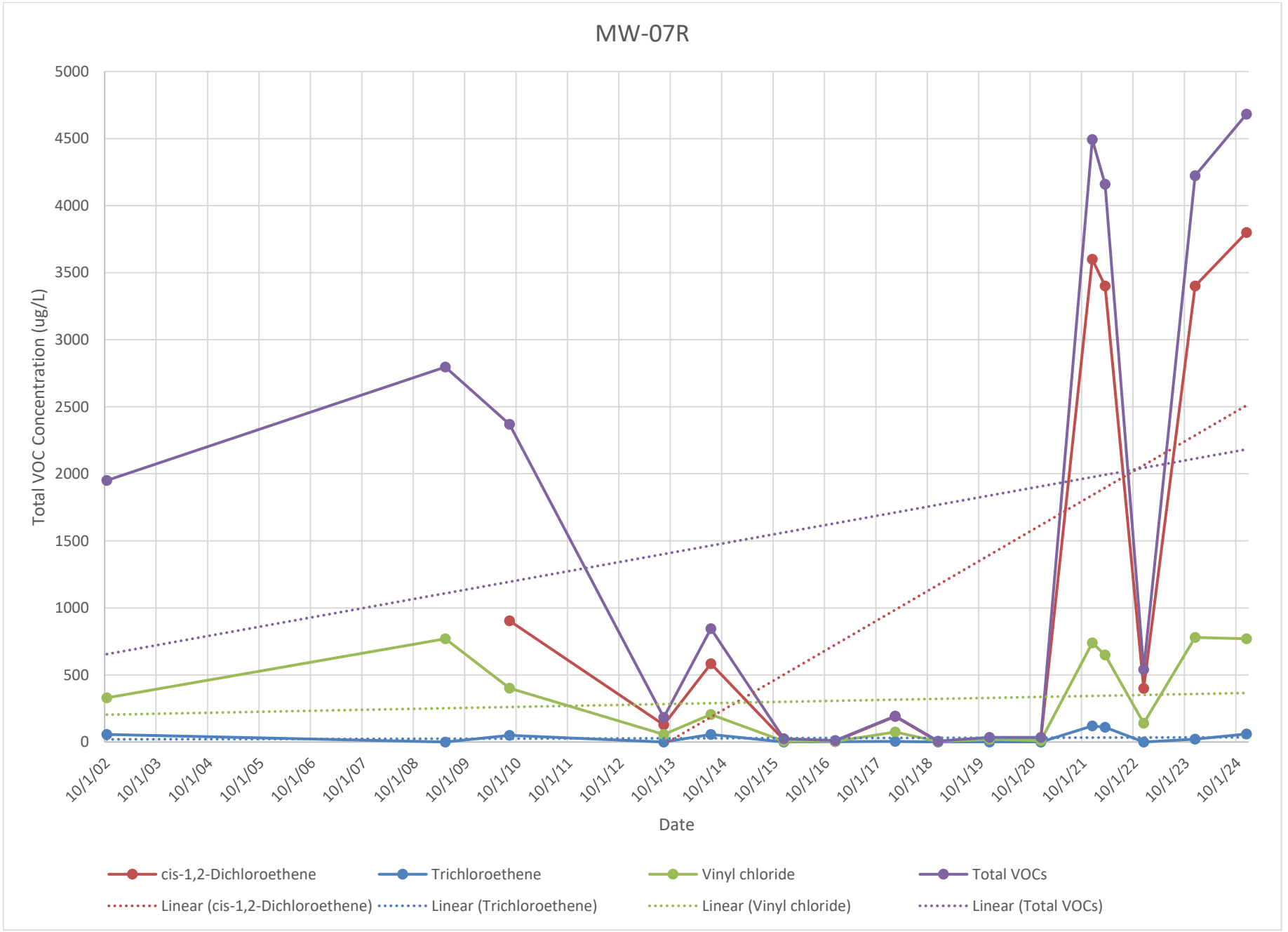
Historical Monitoring Well Data and Trendlines

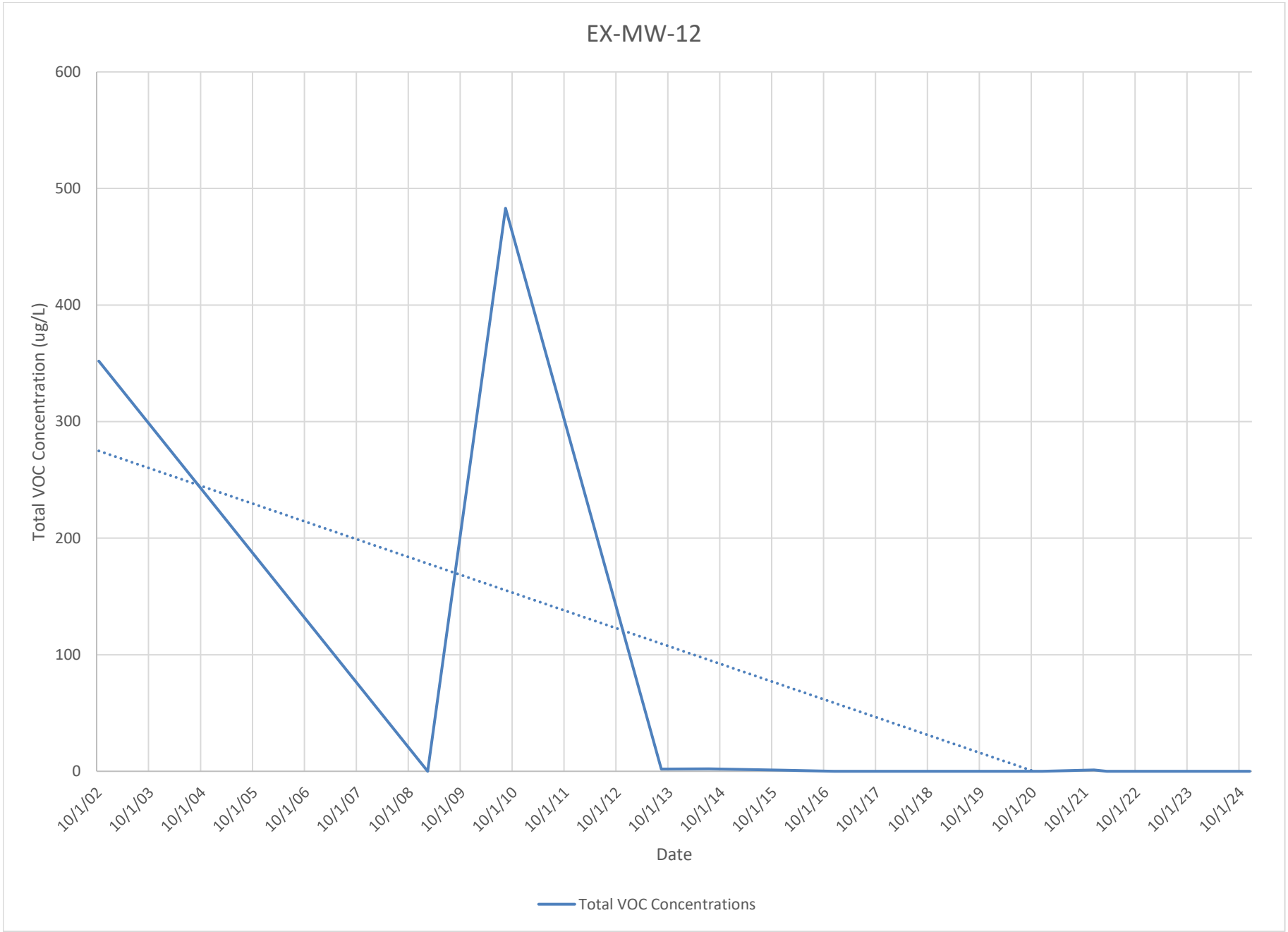

MW-09R
Total VOC Conentration (ug/L)
4500
4000
3500
3000
2500
2000
1500
1000
500
0
10/1/02
12/1/03
2/1/05
4/1/06
6/1/07
8/1/08
10/1/09
12/1/10
2/1/12
4/1/13
6/1/14
8/1/15
10/1/16
12/1/17
2/1/19
4/1/20
6/1/21
8/1/22
10/1/23
12/1/24
Date
cis-1,2-Dichloroethene
Benzene
Vinyl chloride
Total VOCs
Linear (Benzene)
Linear (Vinyl chloride)
Linear (Total VOCs)
Linear (cis-1,2-Dichloroethene)

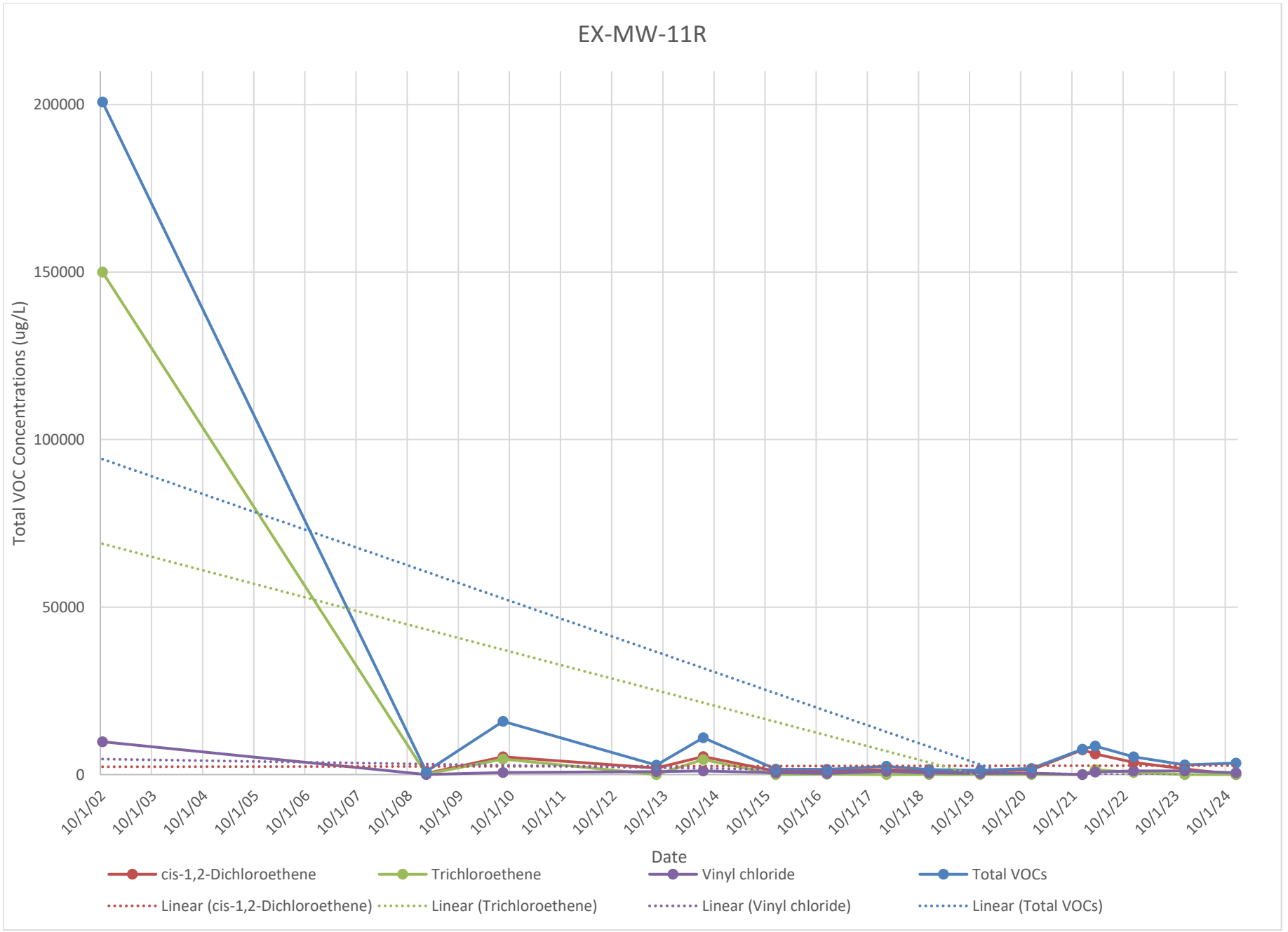

MW-13
140
120
100
80
60
40
20
0
Total VOC Concentration (ug/L)
12/1/22
12/1/23
12/1/24
Date
Total VOC Concentrations
Benzene
Vinyl chloride
Linear (Total VOC Concentrations)
Linear (Benzene)
Linear (Vinyl chloride)


MW-02R
Total VOC Concentration (ug/L)
700
600
500
400
300
200
100
0
10/1/02
10/1/03
10/1/04
10/1/05
10/1/06
10/1/07
10/1/08
10/1/09
10/1/10
10/1/11
10/1/12
10/1/13
10/1/14
10/1/15
10/1/16
10/1/17
10/1/18
10/1/19
10/1/20
10/1/21
10/1/22
10/1/23
10/1/24
Date
cis-1,2-Dichloroethene
Benzene
Vinyl chloride
Total VOCs
Linear (cis-1,2-Dichloroethene)
Linear (Benzene)
Linear (Vinyl chloride)
Linear (Total VOCs)


MW-04
Total VOC Concentration (ug/L)
50
45
40
35
30
25
20
15
10
5
0
10/1/02
10/1/03
10/1/04
10/1/05
10/1/06
10/1/07
10/1/08
10/1/09
10/1/10
10/1/11
10/1/12
10/1/13
10/1/14
10/1/15
10/1/16
10/1/17
10/1/18
10/1/19
10/1/20
10/1/21
10/1/22
10/1/23
10/1/24
Date
Total VOC Concentrations


MW-07R
Total VOC Concentration (ug/L)
5000
4500
4000
3500
3000
2500
2000
1500
1000
500
0
10/1/02
10/1/03
10/1/04
10/1/05
10/1/06
10/1/07
10/1/08
10/1/09
10/1/10
10/1/11
10/1/12
10/1/13
10/1/14
10/1/15
10/1/16
10/1/17
10/1/18
10/1/19
10/1/20
10/1/21
10/1/22
10/1/23
10/1/24
Date
cis-1,2-Dichloroethene
Trichloroethene
Vinyl chloride
Total VOCs
Linear (cis-1,2-Dichloroethene)
Linear (Trichloroethene)
Linear (Vinyl chloride)
Linear (Total VOCs)


EX-MW-12
600
500
400
300
200
100
0
Total VOC Concentration (ug/L)
10/1/02
10/1/03
10/1/04
10/1/05
10/1/06
10/1/07
10/1/08
10/1/09
10/1/10
10/1/11
10/1/12
10/1/13
10/1/14
10/1/15
10/1/16
10/1/17
10/1/18
10/1/19
10/1/20
10/1/21
10/1/22
10/1/23
10/1/24
Date
Total VOC Concentrations


EX-MW-11R
Total VOC Concentrations (ug/L)
200000
150000
100000
50000
0
10/1/02
10/1/03
10/1/04
10/1/05
10/1/06
10/1/07
10/1/08
10/1/09
10/1/10
10/1/11
10/1/12
10/1/13
10/1/14
10/1/15
10/1/16
10/1/17
10/1/18
10/1/19
10/1/20
10/1/21
10/1/22
10/1/23
10/1/24
Date
cis-1,2-Dichloroethene
Trichloroethene
Vinyl chloride
Total VOCs
Linear (cis-1,2-Dichloroethene)
Linear (Trichloroethene)
Linear (Vinyl chloride)
Linear (Total VOCs)

APPENDIX 8

Waste Stream Documentation

Please print or type
(Form designed for use on elite (12-pitch) typewriter.)

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number
	1	800-535-5053	58621

5. Generator's Name and Mailing Address
Roblin/Alumax
320 S. Roberts Rd
Dunkirk, NY 14048
Generator's Phone: 716-238-3715

Generator's Site Address (if different than mailing address)

6. Transporter 1 Company Name: Environmental Service Group, Inc 716.695.6720 — U.S. EPA ID Number: NYD986903904

7. Transporter 2 Company Name — U.S. EPA ID Number

8. Designated Facility Name and Site Address
American Recyclers Company
177 Wales Avenue
Tonawanda, NY 14150
Facility's Phone: 716.695.6720 — U.S. EPA ID Number: NYR000030809

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
1.	Non RCRA Non DOT Regulated , (Water)	001	DM	037	G	EST
2.						
3.						
4.						

13. Special Handling Instructions and Additional Information

ERG:	Approval #:	Handling Codes:
1 -	1 - B-25610T 1 x 55	1 - None
2 -	2 -	2 -
3 -	3 -	3 -
4 -	4 -	4 -

24 Hour Emergency Contact: INFOTRAC (Caller Must ID ESG)

GENERATOR

14. GENERATOR'S CERTIFICATION: I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Generator's/Offeror's Printed/Typed Name: Justin Rainville — Signature: Justin R — Month 02 Day 27 Year 25

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Nick Polinick — Signature — Month 02 Day 27 Year 25

Transporter 2 Printed/Typed Name — Signature — Month Day Year

DESIGNATED FACILITY

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator) — U.S. EPA ID Number

Facility's Phone:

17c. Signature of Alternate Facility (or Generator) — Month Day Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name: Laura Mills — Signature — Month 2 Day 27 Year 25

DESIGNATED FACILITY TO GENERATOR

APPENDIX 9

Data Usability Summary Report

DATA USABILITY SUMMARY REPORT

for

LaBella Associates, PC

300 Pearl Street, Suite 130

Buffalo, NY 14202

ROBLIN/ALUMAX
Project Number 2200014
Aqueous Samples
SDG: R2413278
Sampled December 18, 2024

VOLAVILE ORGANICS

AL-7	(R2413278-01)
AL-1	(R2413278-02)
AL-2	(R2413278-03)
EX-MW-11R	(R2413278-04)
EX-MW-12	(R2413278-05)
MW-02R	(R2413278-06)
MW-13	(R2413278-07)
MW-07R	(R2413278-08)
MW-04	(R2413278-09)
DUP	(R2413278-10)
MW-09R	(R2413278-11)
TRIP BLANK	(R2413278-12)

DATA ASSESSMENT

An ASP Category B data package containing analytical results for eleven aqueous samples and a trip blank was received from LaBella Associates PC on 18Jan24. The deliverables package included formal reports, raw data, the necessary QC, and supporting information. The samples, taken from the Roblin/Alumax site, were identified by Chain of Custody documents and traceable through the work of ALS, the laboratory contracted for analysis. Analyses, performed according to EPA Method 8260, addressed determinations of volatile organics. Laboratory data was evaluated according to the quality assurance / quality control requirements of the New York State Department of Environmental Conservation's Analytical Services Protocol (ASP), September 1989, Rev. 07/2005. When the required protocol was not followed, the current EPA Region II Functional Guidelines (SOP NO. HW-33, Rev. #3, March 2013, Low/Medium Volatile Data Validation) was used as a technical reference.

CORRECTNESS AND USABILITY

Reported data should be considered technically defensible and completely usable in its present form. Results presenting a usable estimation of the conditions at the time of sampling have been flagged "J" or "UJ". A detailed discussion of the review process follows.

Two facts should be considered by all data users. No compound concentration, even if it has passed strict QC testing, can be guaranteed to be accurate. Strict QC serves to increase confidence in data, but any value potentially contains error. Secondly. DATAVAL, Inc. guarantees the quality of this data assessment. However, DATAVAL, Inc. does not warrant any interpretation or utilization of this data by a third party.

Reviewer's signature: James B Baldwin Date: 25 Jan 25

James B. Baldwin
DATAVAL Inc.

SAMPLE HISTORY

Analyte concentrations can deteriorate with time due to chemical instability, bacterial degradation or volatility. Samples that are not properly preserved or are not analyzed within established holding times may no longer be considered representative. Holding times are calculated from the time of sample collection. Samples must remain chilled to 4°C between the time of collection and the time of analysis. Acid preserved VOC samples must be analyzed within 14 days, unpreserved VOC samples within 7 days. The holding time for VOC soils is 14 days.

This delivery group contained eleven aqueous samples and a trip blank that were collected from the ROBLIN/ALUMAX Site on 18Dec24. They were transferred to a laboratory courier and delivered to the laboratory the next day.

At the time of receipt, the sample cooler was found to be intact and properly chilled. Three cooler temperatures ranging between 4.5°C and 5.3°C were recorded at that time.

The pH of each VOC sample was recorded at the time of analysis. These checks verified that each VOC sample was properly preserved at a pH<2.

VOLATILE ORGANICS

This group of samples was analyzed for VOC on 31Dec24. The program holding time limitations were satisfied.

Blanks

Blanks are analyzed to evaluate various sources of sample contamination. Field blanks and trip blanks monitor sampling, sample transport, and storage activities. Method blanks are analyzed to verify instrument integrity. Samples are considered compromised by conditions causing contamination in any blank.

Two method blanks and a trip blank were analyzed with this group of samples. Each of these blanks demonstrated acceptable chromatography and was free of targeted analyte contamination.

MS Tuning

Mass spectrometer tuning and performance criteria are established to ensure sufficient mass resolution and sensitivity to accurately detect and identify targeted analytes. Verification is accomplished using a certified standard.

An Instrument Performance Check Standard of BFB was analyzed prior to each analytical sequence that included samples from this program. An Instrument Performance Check Form is present for each BFB evaluation. The BFB tunes associated with this delivery group satisfied the program acceptance criteria.

Calibrations

Requirements for instrument calibration are established to ensure that laboratory equipment is capable of producing accurate, quantitative data. Initial calibrations demonstrate a range through which measurements may be made. Continuing calibration check standards verify instrument stability.

The initial instrument calibration for VOC was performed on 20Dec24. Standards of 0.5, 1.0, 2.0, 5.0, 20, 50, 100, 150 and 200 µg/l were included. During this calibration trichloroethene and 1,4-dioxane failed to produce the required levels of instrument response. Based on this performance, the trichloroethene (TCE) and 1,4-dioxane (14DIOXANE) results from this group of samples have been qualified as estimations.

Calibration verification standards were analyzed on 30Dec24 and 31Dec24, prior to the analytical sequences that included samples from this program. When compared to the initial calibration, both check standards demonstrated an acceptable level of instrument stability. It is noted, however, that trichloroethene and 1,4-dioxane failed to produce the required levels of response during both checks.

Surrogates

Each sample, blank and standard is spiked with surrogate compounds prior to analysis. The structures of surrogates are similar to analytes of interest, but they are not normally found in environmental samples. Surrogate recoveries are monitored to evaluate overall laboratory performance and the efficiency of laboratory technique.

Surrogate Summary Sheets were properly prepared, based on the laboratory's in-house acceptance criteria. When compared to these requirements, an acceptable recovery was reported for each surrogate addition to this group of samples.

Internal Standards

Internal standards are added to each sample, blank and calibration standard just prior to injection. Analyte concentrations are calculated relative to the response of a specific internal standard. Internal standard performance criteria ensure that GC/MS sensitivity and response are stable during the analysis of each sample. The area of internal standard peaks may not vary by more than a factor of 2. When compared to the preceding calibration check, retention times may not vary by more than 30 seconds.

The laboratory correctly calculated control limits for internal standard response and retention times. When compared to this criteria, acceptable performance was demonstrated by the internal standard additions to each program sample.

Matrix Spikes

Matrix spiking refers to the addition of known analyte concentrations to a sample, prior to analysis. Analyte recoveries provide

an indication of measurement accuracy. A duplicate spiked aliquot provides a measurement of precision.

Although a sample from this project was not selected for matrix spiking, two spiked blanks (LCS) were analyzed with this delivery group. The recoveries reported from these LCS samples demonstrated an acceptable level of measurement accuracy.

It is noted that measurement precision could not be addressed because neither MS/MSD samples, nor a spiked blank (LCSD), were analyzed with this group of samples.

Reported Analytes

Formal reports were provided for each sample. The data package also included total ion chromatograms and raw instrument print outs. Reference mass spectra were provided to confirm the identification of each analyte that was detected in this group of samples. Tentatively Identified Compounds (TIC) were not reported.

SUMMARY OF QUALIFIED DATA

ROBLIN/ALUMAX

SAMPLED: DECEMBER 18, 2024

		CALIBRATE TCE	CALIBRATE 14DIOXANE
AL-7	(R2413278-01)	1.0UJ	40UJ
AL-1	(R2413278-02)	2.5UJ	100UJ
AL-2	(R2413278-03)	1.0UJ	40UJ
EX-MW-11R	(R2413278-04)	43J	400UJ
EX-MW-12	(R2413278-05)	1.0UJ	40UJ
MW-02R	(R2413278-06)	2.4J	40UJ
MW-13	(R2413278-07)	1.0UJ	40UJ
MW-07R	(R2413278-08)	60J	40UJ
MW-04	(R2413278-09)	1.0UJ	40UJ
DUP	(R2413278-10)	1.0UJ	40UJ
MW-09R	(R2413278-11)	15J	100UJ
TRIP BLANK	(R2413278-12)	1.0UJ	40UJ

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Analytical Report

Client: Labella Associates, PC
Project: Roblin/Alumax/2200014
Sample Matrix: Water

Service Request: R2413278
Date Collected: 12/18/24 10:05
Date Received: 12/19/24 17:15

Sample Name: AL-7
Lab Code: R2413278-001

Units: ug/L
Basis: NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260D
Prep Method: EPA 5030C

Analyte Name	Result	PQL	Dil.	Date Analyzed	Q
1,1,1-Trichloroethane (TCA)	1.0 U	1.0	1	12/31/24 03:08	
1,1,2,2-Tetrachloroethane	1.0 U	1.0	1	12/31/24 03:08	
1,1,2-Trichloroethane	1.0 U	1.0	1	12/31/24 03:08	
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0 U	1.0	1	12/31/24 03:08	
1,1-Dichloroethane (1,1-DCA)	1.0 U	1.0	1	12/31/24 03:08	
1,1-Dichloroethene (1,1-DCE)	1.0 U	1.0	1	12/31/24 03:08	
1,2,3-Trichlorobenzene	1.0 U	1.0	1	12/31/24 03:08	
1,2,4-Trichlorobenzene	1.0 U	1.0	1	12/31/24 03:08	
1,2,4-Trimethylbenzene	1.0 U	1.0	1	12/31/24 03:08	
1,2-Dibromo-3-chloropropane (DBCP)	2.0 U	2.0	1	12/31/24 03:08	
1,2-Dibromoethane	1.0 U	1.0	1	12/31/24 03:08	
1,2-Dichlorobenzene	1.0 U	1.0	1	12/31/24 03:08	
1,2-Dichloroethane	1.0 U	1.0	1	12/31/24 03:08	
1,2-Dichloropropane	1.0 U	1.0	1	12/31/24 03:08	
1,3,5-Trimethylbenzene	1.0 U	1.0	1	12/31/24 03:08	
1,3-Dichlorobenzene	1.0 U	1.0	1	12/31/24 03:08	
1,4-Dichlorobenzene	1.0 U	1.0	1	12/31/24 03:08	
1,4-Dioxane	40 U	40	1	12/31/24 03:08	
2-Butanone (MEK)	5.0 U	5.0	1	12/31/24 03:08	
2-Hexanone	5.0 U	5.0	1	12/31/24 03:08	
4-Isopropyltoluene	1.0 U	1.0	1	12/31/24 03:08	
4-Methyl-2-pentanone	5.0 U	5.0	1	12/31/24 03:08	
Acetone	5.0 U	5.0	1	12/31/24 03:08	
Benzene	1.0 U	1.0	1	12/31/24 03:08	
Bromochloromethane	1.0 U	1.0	1	12/31/24 03:08	
Bromodichloromethane	1.0 U	1.0	1	12/31/24 03:08	
Bromoform	1.0 U	1.0	1	12/31/24 03:08	
Bromomethane	1.0 U	1.0	1	12/31/24 03:08	
Carbon Disulfide	1.0 U	1.0	1	12/31/24 03:08	
Carbon Tetrachloride	1.0 U	1.0	1	12/31/24 03:08	
Chlorobenzene	1.0 U	1.0	1	12/31/24 03:08	
Chloroethane	1.0 U	1.0	1	12/31/24 03:08	
Chloroform	1.0 U	1.0	1	12/31/24 03:08	
Chloromethane	1.0 U	1.0	1	12/31/24 03:08	
Cyclohexane	1.0 U	1.0	1	12/31/24 03:08	
Dibromochloromethane	1.0 U	1.0	1	12/31/24 03:08	
Dichlorodifluoromethane (CFC 12)	1.0 U	1.0	1	12/31/24 03:08	
Dichloromethane	1.0 U	1.0	1	12/31/24 03:08	
Ethylbenzene	1.0 U	1.0	1	12/31/24 03:08	
Isopropylbenzene (Cumene)	1.0 U	1.0	1	12/31/24 03:08	
Methyl Acetate	2.0 U	2.0	1	12/31/24 03:08	
Methyl tert-Butyl Ether	1.0 U	1.0	1	12/31/24 03:08	
Methylcyclohexane	1.0 U	1.0	1	12/31/24 03:08	

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Analytical Report

Client:	Labella Associates, PC	**Service Request:**	R2413278
Project:	Roblin/Alumax/2200014	**Date Collected:**	12/18/24 10:05
Sample Matrix:	Water	**Date Received:**	12/19/24 17:15
Sample Name:	AL-7	**Units:**	ug/L
Lab Code:	R2413278-001	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260D
Prep Method: EPA 5030C

Analyte Name	Result	PQL	Dil.	Date Analyzed	Q
Naphthalene	1.0 U	1.0	1	12/31/24 03:08	
Styrene	1.0 U	1.0	1	12/31/24 03:08	
Tetrachloroethene (PCE)	1.0 U	1.0	1	12/31/24 03:08	
Toluene	1.0 U	1.0	1	12/31/24 03:08	
Trichloroethene (TCE)	1.0 U	1.0	1	12/31/24 03:08	
Trichlorofluoromethane (CFC 11)	1.0 U	1.0	1	12/31/24 03:08	
Vinyl Chloride	1.0 U	1.0	1	12/31/24 03:08	
cis-1,2-Dichloroethene	1.0 U	1.0	1	12/31/24 03:08	
cis-1,3-Dichloropropene	1.0 U	1.0	1	12/31/24 03:08	
m,p-Xylenes	2.0 U	2.0	1	12/31/24 03:08	
n-Butylbenzene	1.0 U	1.0	1	12/31/24 03:08	
n-Propylbenzene	1.0 U	1.0	1	12/31/24 03:08	
o-Xylene	1.0 U	1.0	1	12/31/24 03:08	
sec-Butylbenzene	1.0 U	1.0	1	12/31/24 03:08	
tert-Butylbenzene	1.0 U	1.0	1	12/31/24 03:08	
trans-1,2-Dichloroethene	1.0 U	1.0	1	12/31/24 03:08	
trans-1,3-Dichloropropene	1.0 U	1.0	1	12/31/24 03:08	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	102	85 - 122	12/31/24 03:08	
Dibromofluoromethane	103	80 - 116	12/31/24 03:08	
Toluene-d8	104	87 - 121	12/31/24 03:08	

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Analytical Report

Client:	Labella Associates, PC	**Service Request:**	R2413278
Project:	Roblin/Alumax/2200014	**Date Collected:**	12/18/24 09:25
Sample Matrix:	Water	**Date Received:**	12/19/24 17:15
Sample Name:	AL-1	**Units:**	ug/L
Lab Code:	R2413278-002	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260D
Prep Method: EPA 5030C

Analyte Name	Result	PQL	Dil.	Date Analyzed	Q
1,1,1-Trichloroethane (TCA)	2.5 U	2.5	2.5	12/31/24 14:24	
1,1,2,2-Tetrachloroethane	2.5 U	2.5	2.5	12/31/24 14:24	
1,1,2-Trichloroethane	2.5 U	2.5	2.5	12/31/24 14:24	
1,1,2-Trichloro-1,2,2-trifluoroethane	2.5 U	2.5	2.5	12/31/24 14:24	
1,1-Dichloroethane (1,1-DCA)	2.5 U	2.5	2.5	12/31/24 14:24	
1,1-Dichloroethene (1,1-DCE)	2.5 U	2.5	2.5	12/31/24 14:24	
1,2,3-Trichlorobenzene	2.5 U	2.5	2.5	12/31/24 14:24	
1,2,4-Trichlorobenzene	2.5 U	2.5	2.5	12/31/24 14:24	
1,2,4-Trimethylbenzene	2.5 U	2.5	2.5	12/31/24 14:24	
1,2-Dibromo-3-chloropropane (DBCP)	5.0 U	5.0	2.5	12/31/24 14:24	
1,2-Dibromoethane	2.5 U	2.5	2.5	12/31/24 14:24	
1,2-Dichlorobenzene	2.5 U	2.5	2.5	12/31/24 14:24	
1,2-Dichloroethane	2.5 U	2.5	2.5	12/31/24 14:24	
1,2-Dichloropropane	2.5 U	2.5	2.5	12/31/24 14:24	
1,3,5-Trimethylbenzene	2.5 U	2.5	2.5	12/31/24 14:24	
1,3-Dichlorobenzene	2.5 U	2.5	2.5	12/31/24 14:24	
1,4-Dichlorobenzene	2.5 U	2.5	2.5	12/31/24 14:24	
1,4-Dioxane	100 U UJ	100	2.5	12/31/24 14:24	
2-Butanone (MEK)	13 U	13	2.5	12/31/24 14:24	
2-Hexanone	13 U	13	2.5	12/31/24 14:24	
4-Isopropyltoluene	2.5 U	2.5	2.5	12/31/24 14:24	
4-Methyl-2-pentanone	13 U	13	2.5	12/31/24 14:24	
Acetone	13 U	13	2.5	12/31/24 14:24	
Benzene	7.7	2.5	2.5	12/31/24 14:24	
Bromochloromethane	2.5 U	2.5	2.5	12/31/24 14:24	
Bromodichloromethane	2.5 U	2.5	2.5	12/31/24 14:24	
Bromoform	2.5 U	2.5	2.5	12/31/24 14:24	
Bromomethane	2.5 U	2.5	2.5	12/31/24 14:24	
Carbon Disulfide	2.5 U	2.5	2.5	12/31/24 14:24	
Carbon Tetrachloride	2.5 U	2.5	2.5	12/31/24 14:24	
Chlorobenzene	2.5 U	2.5	2.5	12/31/24 14:24	
Chloroethane	2.5 U	2.5	2.5	12/31/24 14:24	
Chloroform	2.5 U	2.5	2.5	12/31/24 14:24	
Chloromethane	2.5 U	2.5	2.5	12/31/24 14:24	
Cyclohexane	7.0	2.5	2.5	12/31/24 14:24	
Dibromochloromethane	2.5 U	2.5	2.5	12/31/24 14:24	
Dichlorodifluoromethane (CFC 12)	2.5 U	2.5	2.5	12/31/24 14:24	
Dichloromethane	2.5 U	2.5	2.5	12/31/24 14:24	
Ethylbenzene	2.5 U	2.5	2.5	12/31/24 14:24	
Isopropylbenzene (Cumene)	2.5 U	2.5	2.5	12/31/24 14:24	
Methyl Acetate	5.0 U	5.0	2.5	12/31/24 14:24	
Methyl tert-Butyl Ether	2.5 U	2.5	2.5	12/31/24 14:24	
Methylcyclohexane	2.5 U	2.5	2.5	12/31/24 14:24	

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Analytical Report

Client:	Labella Associates, PC	**Service Request:**	R2413278
Project:	Roblin/Alumax/2200014	**Date Collected:**	12/18/24 09:25
Sample Matrix:	Water	**Date Received:**	12/19/24 17:15
Sample Name:	AL-1	**Units:**	ug/L
Lab Code:	R2413278-002	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260D
Prep Method: EPA 5030C

Analyte Name	Result	PQL	Dil.	Date Analyzed	Q
Naphthalene	2.5 U	2.5	2.5	12/31/24 14:24	
Styrene	2.5 U	2.5	2.5	12/31/24 14:24	
Tetrachloroethene (PCE)	2.5 U	2.5	2.5	12/31/24 14:24	
Toluene	2.5 U	2.5	2.5	12/31/24 14:24	
Trichloroethene (TCE)	2.5 U	2.5	2.5	12/31/24 14:24	
Trichlorofluoromethane (CFC 11)	2.5 U	2.5	2.5	12/31/24 14:24	
Vinyl Chloride	**32**	2.5	2.5	12/31/24 14:24	
cis-1,2-Dichloroethene	**87**	2.5	2.5	12/31/24 14:24	
cis-1,3-Dichloropropene	2.5 U	2.5	2.5	12/31/24 14:24	
m,p-Xylenes	5.0 U	5.0	2.5	12/31/24 14:24	
n-Butylbenzene	2.5 U	2.5	2.5	12/31/24 14:24	
n-Propylbenzene	2.5 U	2.5	2.5	12/31/24 14:24	
o-Xylene	2.5 U	2.5	2.5	12/31/24 14:24	
sec-Butylbenzene	2.5 U	2.5	2.5	12/31/24 14:24	
tert-Butylbenzene	2.5 U	2.5	2.5	12/31/24 14:24	
trans-1,2-Dichloroethene	2.5 U	2.5	2.5	12/31/24 14:24	
trans-1,3-Dichloropropene	2.5 U	2.5	2.5	12/31/24 14:24	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	95	85 - 122	12/31/24 14:24	
Dibromofluoromethane	95	80 - 116	12/31/24 14:24	
Toluene-d8	98	87 - 121	12/31/24 14:24	

Client:	Labella Associates, PC	**Service Request:**	R2413278
Project:	Roblin/Alumax/2200014	**Date Collected:**	12/18/24 09:50
Sample Matrix:	Water	**Date Received:**	12/19/24 17:15
Sample Name:	AL-2	**Units:**	ug/L
Lab Code:	R2413278-003	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260D
Prep Method: EPA 5030C

Analyte Name	Result	PQL	Dil.	Date Analyzed	Q
1,1,1-Trichloroethane (TCA)	1.0 U	1.0	1	12/31/24 03:31	
1,1,2,2-Tetrachloroethane	1.0 U	1.0	1	12/31/24 03:31	
1,1,2-Trichloroethane	1.0 U	1.0	1	12/31/24 03:31	
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0 U	1.0	1	12/31/24 03:31	
1,1-Dichloroethane (1,1-DCA)	1.0 U	1.0	1	12/31/24 03:31	
1,1-Dichloroethene (1,1-DCE)	1.0 U	1.0	1	12/31/24 03:31	
1,2,3-Trichlorobenzene	1.0 U	1.0	1	12/31/24 03:31	
1,2,4-Trichlorobenzene	1.0 U	1.0	1	12/31/24 03:31	
1,2,4-Trimethylbenzene	1.0 U	1.0	1	12/31/24 03:31	
1,2-Dibromo-3-chloropropane (DBCP)	2.0 U	2.0	1	12/31/24 03:31	
1,2-Dibromoethane	1.0 U	1.0	1	12/31/24 03:31	
1,2-Dichlorobenzene	1.0 U	1.0	1	12/31/24 03:31	
1,2-Dichloroethane	1.0 U	1.0	1	12/31/24 03:31	
1,2-Dichloropropane	1.0 U	1.0	1	12/31/24 03:31	
1,3,5-Trimethylbenzene	1.0 U	1.0	1	12/31/24 03:31	
1,3-Dichlorobenzene	1.0 U	1.0	1	12/31/24 03:31	
1,4-Dichlorobenzene	1.0 U	1.0	1	12/31/24 03:31	
1,4-Dioxane	40 ~~U~~ UJ	40	1	12/31/24 03:31	
2-Butanone (MEK)	5.0 U	5.0	1	12/31/24 03:31	
2-Hexanone	5.0 U	5.0	1	12/31/24 03:31	
4-Isopropyltoluene	1.0 U	1.0	1	12/31/24 03:31	
4-Methyl-2-pentanone	5.0 U	5.0	1	12/31/24 03:31	
Acetone	5.0 U	5.0	1	12/31/24 03:31	
Benzene	**4.4**	1.0	1	12/31/24 03:31	
Bromochloromethane	1.0 U	1.0	1	12/31/24 03:31	
Bromodichloromethane	1.0 U	1.0	1	12/31/24 03:31	
Bromoform	1.0 U	1.0	1	12/31/24 03:31	
Bromomethane	1.0 U	1.0	1	12/31/24 03:31	
Carbon Disulfide	1.0 U	1.0	1	12/31/24 03:31	
Carbon Tetrachloride	1.0 U	1.0	1	12/31/24 03:31	
Chlorobenzene	1.0 U	1.0	1	12/31/24 03:31	
Chloroethane	1.0 U	1.0	1	12/31/24 03:31	
Chloroform	1.0 U	1.0	1	12/31/24 03:31	
Chloromethane	1.0 U	1.0	1	12/31/24 03:31	
Cyclohexane	**2.0** U	1.0	1	12/31/24 03:31	
Dibromochloromethane	1.0 U	1.0	1	12/31/24 03:31	
Dichlorodifluoromethane (CFC 12)	1.0 U	1.0	1	12/31/24 03:31	
Dichloromethane	1.0 U	1.0	1	12/31/24 03:31	
Ethylbenzene	1.0 U	1.0	1	12/31/24 03:31	
Isopropylbenzene (Cumene)	1.0 U	1.0	1	12/31/24 03:31	
Methyl Acetate	2.0 U	2.0	1	12/31/24 03:31	
Methyl tert-Butyl Ether	1.0 U	1.0	1	12/31/24 03:31	
Methylcyclohexane	1.0 U	1.0	1	12/31/24 03:31	

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Analytical Report

Client:	Labella Associates, PC	**Service Request:**	R2413278
Project:	Roblin/Alumax/2200014	**Date Collected:**	12/18/24 09:50
Sample Matrix:	Water	**Date Received:**	12/19/24 17:15
Sample Name:	AL-2	**Units:**	ug/L
Lab Code:	R2413278-003	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260D
Prep Method: EPA 5030C

Analyte Name	Result	PQL	Dil.	Date Analyzed	Q
Naphthalene	1.0 U	1.0	1	12/31/24 03:31	
Styrene	1.0 U	1.0	1	12/31/24 03:31	
Tetrachloroethene (PCE)	1.0 U	1.0	1	12/31/24 03:31	
Toluene	1.0 U	1.0	1	12/31/24 03:31	
Trichloroethene (TCE)	1.0 UJ	1.0	1	12/31/24 03:31	
Trichlorofluoromethane (CFC 11)	1.0 U	1.0	1	12/31/24 03:31	
Vinyl Chloride	1.0 U	1.0	1	12/31/24 03:31	
cis-1,2-Dichloroethene	1.0 U	1.0	1	12/31/24 03:31	
cis-1,3-Dichloropropene	1.0 U	1.0	1	12/31/24 03:31	
m,p-Xylenes	2.0 U	2.0	1	12/31/24 03:31	
n-Butylbenzene	1.0 U	1.0	1	12/31/24 03:31	
n-Propylbenzene	1.0 U	1.0	1	12/31/24 03:31	
o-Xylene	1.0 U	1.0	1	12/31/24 03:31	
sec-Butylbenzene	1.0 U	1.0	1	12/31/24 03:31	
tert-Butylbenzene	1.0 U	1.0	1	12/31/24 03:31	
trans-1,2-Dichloroethene	1.0 U	1.0	1	12/31/24 03:31	
trans-1,3-Dichloropropene	1.0 U	1.0	1	12/31/24 03:31	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	95	85 - 122	12/31/24 03:31	
Dibromofluoromethane	95	80 - 116	12/31/24 03:31	
Toluene-d8	99	87 - 121	12/31/24 03:31	

JKS

Client:	Labella Associates, PC	**Service Request:**	R2413278
Project:	Roblin/Alumax/2200014	**Date Collected:**	12/18/24 10:40
Sample Matrix:	Water	**Date Received:**	12/19/24 17:15
Sample Name:	EX-MW-11R	**Units:**	ug/L
Lab Code:	R2413278-004	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260D
Prep Method: EPA 5030C

Analyte Name	Result	PQL	Dil.	Date Analyzed	Q
1,1,1-Trichloroethane (TCA)	10 U	10	10	12/31/24 06:33	
1,1,2,2-Tetrachloroethane	10 U	10	10	12/31/24 06:33	
1,1,2-Trichloroethane	10 U	10	10	12/31/24 06:33	
1,1,2-Trichloro-1,2,2-trifluoroethane	10 U	10	10	12/31/24 06:33	
1,1-Dichloroethane (1,1-DCA)	10 U	10	10	12/31/24 06:33	
1,1-Dichloroethene (1,1-DCE)	**16**	10	10	12/31/24 06:33	
1,2,3-Trichlorobenzene	10 U	10	10	12/31/24 06:33	
1,2,4-Trichlorobenzene	10 U	10	10	12/31/24 06:33	
1,2,4-Trimethylbenzene	10 U	10	10	12/31/24 06:33	
1,2-Dibromo-3-chloropropane (DBCP)	20 U	20	10	12/31/24 06:33	
1,2-Dibromoethane	10 U	10	10	12/31/24 06:33	
1,2-Dichlorobenzene	10 U	10	10	12/31/24 06:33	
1,2-Dichloroethane	10 U	10	10	12/31/24 06:33	
1,2-Dichloropropane	10 U	10	10	12/31/24 06:33	
1,3,5-Trimethylbenzene	10 U	10	10	12/31/24 06:33	
1,3-Dichlorobenzene	10 U	10	10	12/31/24 06:33	
1,4-Dichlorobenzene	10 U	10	10	12/31/24 06:33	
1,4-Dioxane	400 U UJ	400	10	12/31/24 06:33	
2-Butanone (MEK)	50 U	50	10	12/31/24 06:33	
2-Hexanone	50 U	50	10	12/31/24 06:33	
4-Isopropyltoluene	10 U	10	10	12/31/24 06:33	
4-Methyl-2-pentanone	50 U	50	10	12/31/24 06:33	
Acetone	50 U	50	10	12/31/24 06:33	
Benzene	10 U	10	10	12/31/24 06:33	
Bromochloromethane	10 U	10	10	12/31/24 06:33	
Bromodichloromethane	10 U	10	10	12/31/24 06:33	
Bromoform	10 U	10	10	12/31/24 06:33	
Bromomethane	10 U	10	10	12/31/24 06:33	
Carbon Disulfide	10 U	10	10	12/31/24 06:33	
Carbon Tetrachloride	10 U	10	10	12/31/24 06:33	
Chlorobenzene	10 U	10	10	12/31/24 06:33	
Chloroethane	10 U	10	10	12/31/24 06:33	
Chloroform	10 U	10	10	12/31/24 06:33	
Chloromethane	10 U	10	10	12/31/24 06:33	
Cyclohexane	**12**	10	10	12/31/24 06:33	
Dibromochloromethane	10 U	10	10	12/31/24 06:33	
Dichlorodifluoromethane (CFC 12)	10 U	10	10	12/31/24 06:33	
Dichloromethane	10 U	10	10	12/31/24 06:33	
Ethylbenzene	10 U	10	10	12/31/24 06:33	
Isopropylbenzene (Cumene)	10 U	10	10	12/31/24 06:33	
Methyl Acetate	20 U	20	10	12/31/24 06:33	
Methyl tert-Butyl Ether	10 U	10	10	12/31/24 06:33	
Methylcyclohexane	**12**	10	10	12/31/24 06:33	

Client:	Labella Associates, PC	**Service Request:**	R2413278
Project:	Roblin/Alumax/2200014	**Date Collected:**	12/18/24 10:40
Sample Matrix:	Water	**Date Received:**	12/19/24 17:15
Sample Name:	EX-MW-11R	**Units:**	ug/L
Lab Code:	R2413278-004	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260D
Prep Method: EPA 5030C

Analyte Name	Result	PQL	Dil.	Date Analyzed	Q
Naphthalene	10 U	10	10	12/31/24 06:33	
Styrene	10 U	10	10	12/31/24 06:33	
Tetrachloroethene (PCE)	10 U	10	10	12/31/24 06:33	
Toluene	10 U	10	10	12/31/24 06:33	
Trichloroethene (TCE)	**43** J	10	10	12/31/24 06:33	
Trichlorofluoromethane (CFC 11)	10 U	10	10	12/31/24 06:33	
Vinyl Chloride	**540**	10	10	12/31/24 06:33	
cis-1,2-Dichloroethene	2800 ~~**2400 E**~~ D	10	10	12/31/24 06:33	
cis-1,3-Dichloropropene	10 U	10	10	12/31/24 06:33	
m,p-Xylenes	20 U	20	10	12/31/24 06:33	
n-Butylbenzene	10 U	10	10	12/31/24 06:33	
n-Propylbenzene	10 U	10	10	12/31/24 06:33	
o-Xylene	10 U	10	10	12/31/24 06:33	
sec-Butylbenzene	10 U	10	10	12/31/24 06:33	
tert-Butylbenzene	10 U	10	10	12/31/24 06:33	
trans-1,2-Dichloroethene	10 U	10	10	12/31/24 06:33	
trans-1,3-Dichloropropene	10 U	10	10	12/31/24 06:33	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	99	85 - 122	12/31/24 06:33	
Dibromofluoromethane	101	80 - 116	12/31/24 06:33	
Toluene-d8	102	87 - 121	12/31/24 06:33	

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Analytical Report

Client:	Labella Associates, PC	**Service Request:**	R2413278
Project:	Roblin/Alumax/2200014	**Date Collected:**	12/18/24 10:40
Sample Matrix:	Water	**Date Received:**	12/19/24 17:15
Sample Name:	EX-MW-11R	**Units:**	ug/L
Lab Code:	R2413278-004	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260D
Prep Method: EPA 5030C

Analyte Name	Result	PQL	Dil.	Date Analyzed	Q
1,1,1-Trichloroethane (TCA)	25 U	25	25	12/31/24 14:47	
1,1,2,2-Tetrachloroethane	25 U	25	25	12/31/24 14:47	
1,1,2-Trichloroethane	25 U	25	25	12/31/24 14:47	
1,1,2-Trichloro-1,2,2-trifluoroethane	25 U	25	25	12/31/24 14:47	
1,1-Dichloroethane (1,1-DCA)	25 U	25	25	12/31/24 14:47	
1,1-Dichloroethene (1,1-DCE)	25 U	25	25	12/31/24 14:47	
1,2,3-Trichlorobenzene	25 U	25	25	12/31/24 14:47	
1,2,4-Trichlorobenzene	25 U	25	25	12/31/24 14:47	
1,2,4-Trimethylbenzene	25 U	25	25	12/31/24 14:47	
1,2-Dibromo-3-chloropropane (DBCP)	50 U	50	25	12/31/24 14:47	
1,2-Dibromoethane	25 U	25	25	12/31/24 14:47	
1,2-Dichlorobenzene	25 U	25	25	12/31/24 14:47	
1,2-Dichloroethane	25 U	25	25	12/31/24 14:47	
1,2-Dichloropropane	25 U	25	25	12/31/24 14:47	
1,3,5-Trimethylbenzene	25 U	25	25	12/31/24 14:47	
1,3-Dichlorobenzene	25 U	25	25	12/31/24 14:47	
1,4-Dichlorobenzene	25 U	25	25	12/31/24 14:47	
1,4-Dioxane	1000 U	1000	25	12/31/24 14:47	
2-Butanone (MEK)	130 U	130	25	12/31/24 14:47	
2-Hexanone	130 U	130	25	12/31/24 14:47	
4-Isopropyltoluene	25 U	25	25	12/31/24 14:47	
4-Methyl-2-pentanone	130 U	130	25	12/31/24 14:47	
Acetone	130 U	130	25	12/31/24 14:47	
Benzene	25 U	25	25	12/31/24 14:47	
Bromochloromethane	25 U	25	25	12/31/24 14:47	
Bromodichloromethane	25 U	25	25	12/31/24 14:47	
Bromoform	25 U	25	25	12/31/24 14:47	
Bromomethane	25 U	25	25	12/31/24 14:47	
Carbon Disulfide	25 U	25	25	12/31/24 14:47	
Carbon Tetrachloride	25 U	25	25	12/31/24 14:47	
Chlorobenzene	25 U	25	25	12/31/24 14:47	
Chloroethane	25 U	25	25	12/31/24 14:47	
Chloroform	25 U	25	25	12/31/24 14:47	
Chloromethane	25 U	25	25	12/31/24 14:47	
Cyclohexane	25 U	25	25	12/31/24 14:47	
Dibromochloromethane	25 U	25	25	12/31/24 14:47	
Dichlorodifluoromethane (CFC 12)	25 U	25	25	12/31/24 14:47	
Dichloromethane	25 U	25	25	12/31/24 14:47	
Ethylbenzene	25 U	25	25	12/31/24 14:47	
Isopropylbenzene (Cumene)	25 U	25	25	12/31/24 14:47	
Methyl Acetate	50 U	50	25	12/31/24 14:47	
Methyl tert-Butyl Ether	25 U	25	25	12/31/24 14:47	
Methylcyclohexane	25 U	25	25	12/31/24 14:47	

see initial analysis

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Analytical Report

Client:	Labella Associates, PC	**Service Request:**	R2413278
Project:	Roblin/Alumax/2200014	**Date Collected:**	12/18/24 10:40
Sample Matrix:	Water	**Date Received:**	12/19/24 17:15
Sample Name:	EX-MW-11R	**Units:**	ug/L
Lab Code:	R2413278-004	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260D
Prep Method: EPA 5030C

Analyte Name	Result	PQL	Dil.	Date Analyzed	Q
Naphthalene	25 U	25	25	12/31/24 14:47	
Styrene	25 U	25	25	12/31/24 14:47	
Tetrachloroethene (PCE)	25 U	25	25	12/31/24 14:47	
Toluene	25 U	25	25	12/31/24 14:47	
Trichloroethene (TCE)	**65 D**	25	25	12/31/24 14:47	
Trichlorofluoromethane (CFC 11)	25 U	25	25	12/31/24 14:47	
Vinyl Chloride	**700 D**	25	25	12/31/24 14:47	
cis-1,2-Dichloroethene	**2800 D**	25	25	12/31/24 14:47	
cis-1,3-Dichloropropene	25 U	25	25	12/31/24 14:47	
m,p-Xylenes	50 U	50	25	12/31/24 14:47	
n-Butylbenzene	25 U	25	25	12/31/24 14:47	
n-Propylbenzene	25 U	25	25	12/31/24 14:47	
o-Xylene	25 U	25	25	12/31/24 14:47	
sec-Butylbenzene	25 U	25	25	12/31/24 14:47	
tert-Butylbenzene	25 U	25	25	12/31/24 14:47	
trans-1,2-Dichloroethene	25 U	25	25	12/31/24 14:47	
trans-1,3-Dichloropropene	25 U	25	25	12/31/24 14:47	

see initial analysis

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	93	85 - 122	12/31/24 14:47	
Dibromofluoromethane	93	80 - 116	12/31/24 14:47	
Toluene-d8	94	87 - 121	12/31/24 14:47	

Client:	Labella Associates, PC	**Service Request:**	R2413278
Project:	Roblin/Alumax/2200014	**Date Collected:**	12/18/24 12:00
Sample Matrix:	Water	**Date Received:**	12/19/24 17:15
Sample Name:	EX-MW-12	**Units:**	ug/L
Lab Code:	R2413278-005	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260D
Prep Method: EPA 5030C

Analyte Name	Result	PQL	Dil.	Date Analyzed	Q
1,1,1-Trichloroethane (TCA)	1.0 U	1.0	1	12/31/24 03:54	
1,1,2,2-Tetrachloroethane	1.0 U	1.0	1	12/31/24 03:54	
1,1,2-Trichloroethane	1.0 U	1.0	1	12/31/24 03:54	
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0 U	1.0	1	12/31/24 03:54	
1,1-Dichloroethane (1,1-DCA)	1.0 U	1.0	1	12/31/24 03:54	
1,1-Dichloroethene (1,1-DCE)	1.0 U	1.0	1	12/31/24 03:54	
1,2,3-Trichlorobenzene	1.0 U	1.0	1	12/31/24 03:54	
1,2,4-Trichlorobenzene	1.0 U	1.0	1	12/31/24 03:54	
1,2,4-Trimethylbenzene	1.0 U	1.0	1	12/31/24 03:54	
1,2-Dibromo-3-chloropropane (DBCP)	2.0 U	2.0	1	12/31/24 03:54	
1,2-Dibromoethane	1.0 U	1.0	1	12/31/24 03:54	
1,2-Dichlorobenzene	1.0 U	1.0	1	12/31/24 03:54	
1,2-Dichloroethane	1.0 U	1.0	1	12/31/24 03:54	
1,2-Dichloropropane	1.0 U	1.0	1	12/31/24 03:54	
1,3,5-Trimethylbenzene	1.0 U	1.0	1	12/31/24 03:54	
1,3-Dichlorobenzene	1.0 U	1.0	1	12/31/24 03:54	
1,4-Dichlorobenzene	1.0 U	1.0	1	12/31/24 03:54	
1,4-Dioxane	40 ~~U~~ UJ	40	1	12/31/24 03:54	
2-Butanone (MEK)	5.0 U	5.0	1	12/31/24 03:54	
2-Hexanone	5.0 U	5.0	1	12/31/24 03:54	
4-Isopropyltoluene	1.0 U	1.0	1	12/31/24 03:54	
4-Methyl-2-pentanone	5.0 U	5.0	1	12/31/24 03:54	
Acetone	5.0 U	5.0	1	12/31/24 03:54	
Benzene	1.0 U	1.0	1	12/31/24 03:54	
Bromochloromethane	1.0 U	1.0	1	12/31/24 03:54	
Bromodichloromethane	1.0 U	1.0	1	12/31/24 03:54	
Bromoform	1.0 U	1.0	1	12/31/24 03:54	
Bromomethane	1.0 U	1.0	1	12/31/24 03:54	
Carbon Disulfide	1.0 U	1.0	1	12/31/24 03:54	
Carbon Tetrachloride	1.0 U	1.0	1	12/31/24 03:54	
Chlorobenzene	1.0 U	1.0	1	12/31/24 03:54	
Chloroethane	1.0 U	1.0	1	12/31/24 03:54	
Chloroform	1.0 U	1.0	1	12/31/24 03:54	
Chloromethane	1.0 U	1.0	1	12/31/24 03:54	
Cyclohexane	1.0 U	1.0	1	12/31/24 03:54	
Dibromochloromethane	1.0 U	1.0	1	12/31/24 03:54	
Dichlorodifluoromethane (CFC 12)	1.0 U	1.0	1	12/31/24 03:54	
Dichloromethane	1.0 U	1.0	1	12/31/24 03:54	
Ethylbenzene	1.0 U	1.0	1	12/31/24 03:54	
Isopropylbenzene (Cumene)	1.0 U	1.0	1	12/31/24 03:54	
Methyl Acetate	2.0 U	2.0	1	12/31/24 03:54	
Methyl tert-Butyl Ether	1.0 U	1.0	1	12/31/24 03:54	
Methylcyclohexane	1.0 U	1.0	1	12/31/24 03:54	

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Analytical Report

Client:	Labella Associates, PC	**Service Request:**	R2413278
Project:	Roblin/Alumax/2200014	**Date Collected:**	12/18/24 12:00
Sample Matrix:	Water	**Date Received:**	12/19/24 17:15
Sample Name:	EX-MW-12	**Units:**	ug/L
Lab Code:	R2413278-005	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260D
Prep Method: EPA 5030C

Analyte Name	Result	PQL	Dil.	Date Analyzed	Q
Naphthalene	1.0 U	1.0	1	12/31/24 03:54	
Styrene	1.0 U	1.0	1	12/31/24 03:54	
Tetrachloroethene (PCE)	1.0 U	1.0	1	12/31/24 03:54	
Toluene	1.0 U	1.0	1	12/31/24 03:54	
Trichloroethene (TCE)	1.0 UJ	1.0	1	12/31/24 03:54	
Trichlorofluoromethane (CFC 11)	1.0 U	1.0	1	12/31/24 03:54	
Vinyl Chloride	1.0 U	1.0	1	12/31/24 03:54	
cis-1,2-Dichloroethene	1.0 U	1.0	1	12/31/24 03:54	
cis-1,3-Dichloropropene	1.0 U	1.0	1	12/31/24 03:54	
m,p-Xylenes	2.0 U	2.0	1	12/31/24 03:54	
n-Butylbenzene	1.0 U	1.0	1	12/31/24 03:54	
n-Propylbenzene	1.0 U	1.0	1	12/31/24 03:54	
o-Xylene	1.0 U	1.0	1	12/31/24 03:54	
sec-Butylbenzene	1.0 U	1.0	1	12/31/24 03:54	
tert-Butylbenzene	1.0 U	1.0	1	12/31/24 03:54	
trans-1,2-Dichloroethene	1.0 U	1.0	1	12/31/24 03:54	
trans-1,3-Dichloropropene	1.0 U	1.0	1	12/31/24 03:54	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	98	85 - 122	12/31/24 03:54	
Dibromofluoromethane	100	80 - 116	12/31/24 03:54	
Toluene-d8	102	87 - 121	12/31/24 03:54	

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Analytical Report

Client:	Labella Associates, PC	**Service Request:**	R2413278
Project:	Roblin/Alumax/2200014	**Date Collected:**	12/18/24 11:20
Sample Matrix:	Water	**Date Received:**	12/19/24 17:15
Sample Name:	MW-02R	**Units:**	ug/L
Lab Code:	R2413278-006	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260D
Prep Method: EPA 5030C

Analyte Name	Result	PQL	Dil.	Date Analyzed	Q
1,1,1-Trichloroethane (TCA)	1.0 U	1.0	1	12/31/24 04:16	
1,1,2,2-Tetrachloroethane	1.0 U	1.0	1	12/31/24 04:16	
1,1,2-Trichloroethane	1.0 U	1.0	1	12/31/24 04:16	
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0 U	1.0	1	12/31/24 04:16	
1,1-Dichloroethane (1,1-DCA)	1.0 U	1.0	1	12/31/24 04:16	
1,1-Dichloroethene (1,1-DCE)	1.0 U	1.0	1	12/31/24 04:16	
1,2,3-Trichlorobenzene	1.0 U	1.0	1	12/31/24 04:16	
1,2,4-Trichlorobenzene	1.0 U	1.0	1	12/31/24 04:16	
1,2,4-Trimethylbenzene	1.0 U	1.0	1	12/31/24 04:16	
1,2-Dibromo-3-chloropropane (DBCP)	2.0 U	2.0	1	12/31/24 04:16	
1,2-Dibromoethane	1.0 U	1.0	1	12/31/24 04:16	
1,2-Dichlorobenzene	1.0 U	1.0	1	12/31/24 04:16	
1,2-Dichloroethane	1.0 U	1.0	1	12/31/24 04:16	
1,2-Dichloropropane	1.0 U	1.0	1	12/31/24 04:16	
1,3,5-Trimethylbenzene	1.0 U	1.0	1	12/31/24 04:16	
1,3-Dichlorobenzene	1.0 U	1.0	1	12/31/24 04:16	
1,4-Dichlorobenzene	1.0 U	1.0	1	12/31/24 04:16	
1,4-Dioxane	40 U UJ	40	1	12/31/24 04:16	
2-Butanone (MEK)	5.0 U	5.0	1	12/31/24 04:16	
2-Hexanone	5.0 U	5.0	1	12/31/24 04:16	
4-Isopropyltoluene	1.0 U	1.0	1	12/31/24 04:16	
4-Methyl-2-pentanone	5.0 U	5.0	1	12/31/24 04:16	
Acetone	5.0 U	5.0	1	12/31/24 04:16	
Benzene	**3.2**	1.0	1	12/31/24 04:16	
Bromochloromethane	1.0 U	1.0	1	12/31/24 04:16	
Bromodichloromethane	1.0 U	1.0	1	12/31/24 04:16	
Bromoform	1.0 U	1.0	1	12/31/24 04:16	
Bromomethane	1.0 U	1.0	1	12/31/24 04:16	
Carbon Disulfide	1.0 U	1.0	1	12/31/24 04:16	
Carbon Tetrachloride	1.0 U	1.0	1	12/31/24 04:16	
Chlorobenzene	1.0 U	1.0	1	12/31/24 04:16	
Chloroethane	1.0 U	1.0	1	12/31/24 04:16	
Chloroform	1.0 U	1.0	1	12/31/24 04:16	
Chloromethane	1.0 U	1.0	1	12/31/24 04:16	
Cyclohexane	**3.6** U	1.0	1	12/31/24 04:16	
Dibromochloromethane	1.0 U	1.0	1	12/31/24 04:16	
Dichlorodifluoromethane (CFC 12)	1.0 U	1.0	1	12/31/24 04:16	
Dichloromethane	1.0 U	1.0	1	12/31/24 04:16	
Ethylbenzene	1.0 U	1.0	1	12/31/24 04:16	
Isopropylbenzene (Cumene)	1.0 U	1.0	1	12/31/24 04:16	
Methyl Acetate	2.0 U	2.0	1	12/31/24 04:16	
Methyl tert-Butyl Ether	1.0 U	1.0	1	12/31/24 04:16	
Methylcyclohexane	**4.5**	1.0	1	12/31/24 04:16	

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Analytical Report

Client:	Labella Associates, PC	**Service Request:**	R2413278
Project:	Roblin/Alumax/2200014	**Date Collected:**	12/18/24 11:20
Sample Matrix:	Water	**Date Received:**	12/19/24 17:15
Sample Name:	MW-02R	**Units:**	ug/L
Lab Code:	R2413278-006	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260D
Prep Method: EPA 5030C

Analyte Name	Result	PQL	Dil.	Date Analyzed	Q
Naphthalene	1.0 U	1.0	1	12/31/24 04:16	
Styrene	1.0 U	1.0	1	12/31/24 04:16	
Tetrachloroethene (PCE)	1.0 U	1.0	1	12/31/24 04:16	
Toluene	1.0 U	1.0	1	12/31/24 04:16	
Trichloroethene (TCE)	**2.4** J	1.0	1	12/31/24 04:16	
Trichlorofluoromethane (CFC 11)	1.0 U	1.0	1	12/31/24 04:16	
Vinyl Chloride	**150**	1.0	1	12/31/24 04:16	
cis-1,2-Dichloroethene	**180**	1.0	1	12/31/24 04:16	
cis-1,3-Dichloropropene	1.0 U	1.0	1	12/31/24 04:16	
m,p-Xylenes	2.0 U	2.0	1	12/31/24 04:16	
n-Butylbenzene	1.0 U	1.0	1	12/31/24 04:16	
n-Propylbenzene	1.0 U	1.0	1	12/31/24 04:16	
o-Xylene	1.0 U	1.0	1	12/31/24 04:16	
sec-Butylbenzene	1.0 U	1.0	1	12/31/24 04:16	
tert-Butylbenzene	1.0 U	1.0	1	12/31/24 04:16	
trans-1,2-Dichloroethene	1.0 U	1.0	1	12/31/24 04:16	
trans-1,3-Dichloropropene	1.0 U	1.0	1	12/31/24 04:16	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	95	85 - 122	12/31/24 04:16	
Dibromofluoromethane	96	80 - 116	12/31/24 04:16	
Toluene-d8	99	87 - 121	12/31/24 04:16	

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Analytical Report

Client:	Labella Associates, PC	**Service Request:**	R2413278
Project:	Roblin/Alumax/2200014	**Date Collected:**	12/18/24 12:45
Sample Matrix:	Water	**Date Received:**	12/19/24 17:15
Sample Name:	MW-13	**Units:**	ug/L
Lab Code:	R2413278-007	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260D
Prep Method: EPA 5030C

Analyte Name	Result	PQL	Dil.	Date Analyzed	Q
1,1,1-Trichloroethane (TCA)	1.0 U	1.0	1	12/31/24 04:39	
1,1,2,2-Tetrachloroethane	1.0 U	1.0	1	12/31/24 04:39	
1,1,2-Trichloroethane	1.0 U	1.0	1	12/31/24 04:39	
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0 U	1.0	1	12/31/24 04:39	
1,1-Dichloroethane (1,1-DCA)	1.0 U	1.0	1	12/31/24 04:39	
1,1-Dichloroethene (1,1-DCE)	1.0 U	1.0	1	12/31/24 04:39	
1,2,3-Trichlorobenzene	1.0 U	1.0	1	12/31/24 04:39	
1,2,4-Trichlorobenzene	1.0 U	1.0	1	12/31/24 04:39	
1,2,4-Trimethylbenzene	1.0 U	1.0	1	12/31/24 04:39	
1,2-Dibromo-3-chloropropane (DBCP)	2.0 U	2.0	1	12/31/24 04:39	
1,2-Dibromoethane	1.0 U	1.0	1	12/31/24 04:39	
1,2-Dichlorobenzene	1.0 U	1.0	1	12/31/24 04:39	
1,2-Dichloroethane	1.0 U	1.0	1	12/31/24 04:39	
1,2-Dichloropropane	1.0 U	1.0	1	12/31/24 04:39	
1,3,5-Trimethylbenzene	1.0 U	1.0	1	12/31/24 04:39	
1,3-Dichlorobenzene	1.0 U	1.0	1	12/31/24 04:39	
1,4-Dichlorobenzene	1.0 U	1.0	1	12/31/24 04:39	
1,4-Dioxane	40 UJ	40	1	12/31/24 04:39	
2-Butanone (MEK)	5.0 U	5.0	1	12/31/24 04:39	
2-Hexanone	5.0 U	5.0	1	12/31/24 04:39	
4-Isopropyltoluene	1.0 U	1.0	1	12/31/24 04:39	
4-Methyl-2-pentanone	5.0 U	5.0	1	12/31/24 04:39	
Acetone	5.0 U	5.0	1	12/31/24 04:39	
Benzene	1.0 U	1.0	1	12/31/24 04:39	
Bromochloromethane	1.0 U	1.0	1	12/31/24 04:39	
Bromodichloromethane	1.0 U	1.0	1	12/31/24 04:39	
Bromoform	1.0 U	1.0	1	12/31/24 04:39	
Bromomethane	1.0 U	1.0	1	12/31/24 04:39	
Carbon Disulfide	1.0 U	1.0	1	12/31/24 04:39	
Carbon Tetrachloride	1.0 U	1.0	1	12/31/24 04:39	
Chlorobenzene	1.0 U	1.0	1	12/31/24 04:39	
Chloroethane	1.0 U	1.0	1	12/31/24 04:39	
Chloroform	1.0 U	1.0	1	12/31/24 04:39	
Chloromethane	1.0 U	1.0	1	12/31/24 04:39	
Cyclohexane	**1.4**	1.0	1	12/31/24 04:39	
Dibromochloromethane	1.0 U	1.0	1	12/31/24 04:39	
Dichlorodifluoromethane (CFC 12)	1.0 U	1.0	1	12/31/24 04:39	
Dichloromethane	1.0 U	1.0	1	12/31/24 04:39	
Ethylbenzene	1.0 U	1.0	1	12/31/24 04:39	
Isopropylbenzene (Cumene)	1.0 U	1.0	1	12/31/24 04:39	
Methyl Acetate	2.0 U	2.0	1	12/31/24 04:39	
Methyl tert-Butyl Ether	1.0 U	1.0	1	12/31/24 04:39	
Methylcyclohexane	**1.6**	1.0	1	12/31/24 04:39	

Client:	Labella Associates, PC	**Service Request:**	R2413278
Project:	Roblin/Alumax/2200014	**Date Collected:**	12/18/24 12:45
Sample Matrix:	Water	**Date Received:**	12/19/24 17:15
Sample Name:	MW-13	**Units:**	ug/L
Lab Code:	R2413278-007	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260D
Prep Method: EPA 5030C

Analyte Name	Result	PQL	Dil.	Date Analyzed	Q
Naphthalene	1.0 U	1.0	1	12/31/24 04:39	
Styrene	1.0 U	1.0	1	12/31/24 04:39	
Tetrachloroethene (PCE)	1.0 U	1.0	1	12/31/24 04:39	
Toluene	1.0 U	1.0	1	12/31/24 04:39	
Trichloroethene (TCE)	1.0 U	1.0	1	12/31/24 04:39	
Trichlorofluoromethane (CFC 11)	1.0 U	1.0	1	12/31/24 04:39	
Vinyl Chloride	**4.0**	1.0	1	12/31/24 04:39	
cis-1,2-Dichloroethene	**3.3**	1.0	1	12/31/24 04:39	
cis-1,3-Dichloropropene	1.0 U	1.0	1	12/31/24 04:39	
m,p-Xylenes	2.0 U	2.0	1	12/31/24 04:39	
n-Butylbenzene	1.0 U	1.0	1	12/31/24 04:39	
n-Propylbenzene	1.0 U	1.0	1	12/31/24 04:39	
o-Xylene	1.0 U	1.0	1	12/31/24 04:39	
sec-Butylbenzene	1.0 U	1.0	1	12/31/24 04:39	
tert-Butylbenzene	1.0 U	1.0	1	12/31/24 04:39	
trans-1,2-Dichloroethene	1.0 U	1.0	1	12/31/24 04:39	
trans-1,3-Dichloropropene	1.0 U	1.0	1	12/31/24 04:39	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	94	85 - 122	12/31/24 04:39	
Dibromofluoromethane	95	80 - 116	12/31/24 04:39	
Toluene-d8	97	87 - 121	12/31/24 04:39	

Client:	Labella Associates, PC	**Service Request:**	R2413278
Project:	Roblin/Alumax/2200014	**Date Collected:**	12/18/24 13:30
Sample Matrix:	Water	**Date Received:**	12/19/24 17:15
Sample Name:	MW-07R	**Units:**	ug/L
Lab Code:	R2413278-008	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260D
Prep Method: EPA 5030C

Analyte Name	Result	PQL	Dil.	Date Analyzed	Q
1,1,1-Trichloroethane (TCA)	1.0 U	1.0	1	12/31/24 05:02	
1,1,2,2-Tetrachloroethane	1.0 U	1.0	1	12/31/24 05:02	
1,1,2-Trichloroethane	1.0 U	1.0	1	12/31/24 05:02	
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0 U	1.0	1	12/31/24 05:02	
1,1-Dichloroethane (1,1-DCA)	**6.2**	1.0	1	12/31/24 05:02	
1,1-Dichloroethene (1,1-DCE)	**22**	1.0	1	12/31/24 05:02	
1,2,3-Trichlorobenzene	1.0 U	1.0	1	12/31/24 05:02	
1,2,4-Trichlorobenzene	1.0 U	1.0	1	12/31/24 05:02	
1,2,4-Trimethylbenzene	1.0 U	1.0	1	12/31/24 05:02	
1,2-Dibromo-3-chloropropane (DBCP)	2.0 U	2.0	1	12/31/24 05:02	
1,2-Dibromoethane	1.0 U	1.0	1	12/31/24 05:02	
1,2-Dichlorobenzene	1.0 U	1.0	1	12/31/24 05:02	
1,2-Dichloroethane	1.0 U	1.0	1	12/31/24 05:02	
1,2-Dichloropropane	1.0 U	1.0	1	12/31/24 05:02	
1,3,5-Trimethylbenzene	1.0 U	1.0	1	12/31/24 05:02	
1,3-Dichlorobenzene	1.0 U	1.0	1	12/31/24 05:02	
1,4-Dichlorobenzene	1.0 U	1.0	1	12/31/24 05:02	
1,4-Dioxane	40 ~~U~~ UJ	40	1	12/31/24 05:02	
2-Butanone (MEK)	5.0 U	5.0	1	12/31/24 05:02	
2-Hexanone	5.0 U	5.0	1	12/31/24 05:02	
4-Isopropyltoluene	1.0 U	1.0	1	12/31/24 05:02	
4-Methyl-2-pentanone	5.0 U	5.0	1	12/31/24 05:02	
Acetone	5.0 U	5.0	1	12/31/24 05:02	
Benzene	1.0 U	1.0	1	12/31/24 05:02	
Bromochloromethane	1.0 U	1.0	1	12/31/24 05:02	
Bromodichloromethane	1.0 U	1.0	1	12/31/24 05:02	
Bromoform	1.0 U	1.0	1	12/31/24 05:02	
Bromomethane	1.0 U	1.0	1	12/31/24 05:02	
Carbon Disulfide	**1.7**	1.0	1	12/31/24 05:02	
Carbon Tetrachloride	1.0 U	1.0	1	12/31/24 05:02	
Chlorobenzene	1.0 U	1.0	1	12/31/24 05:02	
Chloroethane	1.0 U	1.0	1	12/31/24 05:02	
Chloroform	1.0 U	1.0	1	12/31/24 05:02	
Chloromethane	1.0 U	1.0	1	12/31/24 05:02	
Cyclohexane	**1.2**	1.0	1	12/31/24 05:02	
Dibromochloromethane	1.0 U	1.0	1	12/31/24 05:02	
Dichlorodifluoromethane (CFC 12)	1.0 U	1.0	1	12/31/24 05:02	
Dichloromethane	1.0 U	1.0	1	12/31/24 05:02	
Ethylbenzene	1.0 U	1.0	1	12/31/24 05:02	
Isopropylbenzene (Cumene)	1.0 U	1.0	1	12/31/24 05:02	
Methyl Acetate	2.0 U	2.0	1	12/31/24 05:02	
Methyl tert-Butyl Ether	1.0 U	1.0	1	12/31/24 05:02	
Methylcyclohexane	1.0 U	1.0	1	12/31/24 05:02	

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Analytical Report

Client:	Labella Associates, PC	**Service Request:**	R2413278
Project:	Roblin/Alumax/2200014	**Date Collected:**	12/18/24 13:30
Sample Matrix:	Water	**Date Received:**	12/19/24 17:15
Sample Name:	MW-07R	**Units:**	ug/L
Lab Code:	R2413278-008	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260D
Prep Method: EPA 5030C

Analyte Name	Result	PQL	Dil.	Date Analyzed	Q
Naphthalene	1.0 U	1.0	1	12/31/24 05:02	
Styrene	1.0 U	1.0	1	12/31/24 05:02	
Tetrachloroethene (PCE)	1.0 U	1.0	1	12/31/24 05:02	
Toluene	1.0 U	1.0	1	12/31/24 05:02	
Trichloroethene (TCE)	**60** J	1.0	1	12/31/24 05:02	
Trichlorofluoromethane (CFC 11)	1.0 U	1.0	1	12/31/24 05:02	
Vinyl Chloride	770 ~~1200~~ E D	1.0	1	12/31/24 05:02	
cis-1,2-Dichloroethene	3800 ~~5200~~ E D	1.0	1	12/31/24 05:02	
cis-1,3-Dichloropropene	1.0 U	1.0	1	12/31/24 05:02	
m,p-Xylenes	2.0 U	2.0	1	12/31/24 05:02	
n-Butylbenzene	1.0 U	1.0	1	12/31/24 05:02	
n-Propylbenzene	1.0 U	1.0	1	12/31/24 05:02	
o-Xylene	1.0 U	1.0	1	12/31/24 05:02	
sec-Butylbenzene	1.0 U	1.0	1	12/31/24 05:02	
tert-Butylbenzene	1.0 U	1.0	1	12/31/24 05:02	
trans-1,2-Dichloroethene	**21**	1.0	1	12/31/24 05:02	
trans-1,3-Dichloropropene	1.0 U	1.0	1	12/31/24 05:02	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	98	85 - 122	12/31/24 05:02	
Dibromofluoromethane	101	80 - 116	12/31/24 05:02	
Toluene-d8	99	87 - 121	12/31/24 05:02	

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Analytical Report

Client:	Labella Associates, PC	**Service Request:**	R2413278
Project:	Roblin/Alumax/2200014	**Date Collected:**	12/18/24 13:30
Sample Matrix:	Water	**Date Received:**	12/19/24 17:15
Sample Name:	MW-07R	**Units:**	ug/L
Lab Code:	R2413278-008	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260D
Prep Method: EPA 5030C

Analyte Name	Result	PQL	Dil.	Date Analyzed	Q
1,1,1-Trichloroethane (TCA)	50 U	50	50	12/31/24 15:10	
1,1,2,2-Tetrachloroethane	50 U	50	50	12/31/24 15:10	
1,1,2-Trichloroethane	50 U	50	50	12/31/24 15:10	
1,1,2-Trichloro-1,2,2-trifluoroethane	50 U	50	50	12/31/24 15:10	
1,1-Dichloroethane (1,1-DCA)	50 U	50	50	12/31/24 15:10	
1,1-Dichloroethene (1,1-DCE)	50 U	50	50	12/31/24 15:10	
1,2,3-Trichlorobenzene	50 U	50	50	12/31/24 15:10	
1,2,4-Trichlorobenzene	50 U	50	50	12/31/24 15:10	
1,2,4-Trimethylbenzene	50 U	50	50	12/31/24 15:10	
1,2-Dibromo-3-chloropropane (DBCP)	100 U	100	50	12/31/24 15:10	
1,2-Dibromoethane	50 U	50	50	12/31/24 15:10	
1,2-Dichlorobenzene	50 U	50	50	12/31/24 15:10	
1,2-Dichloroethane	50 U	50	50	12/31/24 15:10	
1,2-Dichloropropane	50 U	50	50	12/31/24 15:10	
1,3,5-Trimethylbenzene	50 U	50	50	12/31/24 15:10	
1,3-Dichlorobenzene	50 U	50	50	12/31/24 15:10	
1,4-Dichlorobenzene	50 U	50	50	12/31/24 15:10	
1,4-Dioxane	2000 U	2000	50	12/31/24 15:10	
2-Butanone (MEK)	250 U	250	50	12/31/24 15:10	
2-Hexanone	250 U	250	50	12/31/24 15:10	
4-Isopropyltoluene	50 U	50	50	12/31/24 15:10	
4-Methyl-2-pentanone	250 U	250	50	12/31/24 15:10	
Acetone	250 U	250	50	12/31/24 15:10	
Benzene	50 U	50	50	12/31/24 15:10	
Bromochloromethane	50 U	50	50	12/31/24 15:10	
Bromodichloromethane	50 U	50	50	12/31/24 15:10	
Bromoform	50 U	50	50	12/31/24 15:10	
Bromomethane	50 U	50	50	12/31/24 15:10	
Carbon Disulfide	50 U	50	50	12/31/24 15:10	
Carbon Tetrachloride	50 U	50	50	12/31/24 15:10	
Chlorobenzene	50 U	50	50	12/31/24 15:10	
Chloroethane	50 U	50	50	12/31/24 15:10	
Chloroform	50 U	50	50	12/31/24 15:10	
Chloromethane	50 U	50	50	12/31/24 15:10	
Cyclohexane	50 U	50	50	12/31/24 15:10	
Dibromochloromethane	50 U	50	50	12/31/24 15:10	
Dichlorodifluoromethane (CFC 12)	50 U	50	50	12/31/24 15:10	
Dichloromethane	50 U	50	50	12/31/24 15:10	
Ethylbenzene	50 U	50	50	12/31/24 15:10	
Isopropylbenzene (Cumene)	50 U	50	50	12/31/24 15:10	
Methyl Acetate	100 U	100	50	12/31/24 15:10	
Methyl tert-Butyl Ether	50 U	50	50	12/31/24 15:10	
Methylcyclohexane	50 U	50	50	12/31/24 15:10	

see initial analysis 7/15

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Analytical Report

Client:	Labella Associates, PC	**Service Request:**	R2413278
Project:	Roblin/Alumax/2200014	**Date Collected:**	12/18/24 13:30
Sample Matrix:	Water	**Date Received:**	12/19/24 17:15
Sample Name:	MW-07R	**Units:**	ug/L
Lab Code:	R2413278-008	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260D
Prep Method: EPA 5030C

Analyte Name	Result	PQL	Dil.	Date Analyzed	Q
Naphthalene	50 U	50	50	12/31/24 15:10	
Styrene	50 U	50	50	12/31/24 15:10	
Tetrachloroethene (PCE)	50 U	50	50	12/31/24 15:10	
Toluene	50 U	50	50	12/31/24 15:10	
Trichloroethene (TCE)	50 U	50	50	12/31/24 15:10	
Trichlorofluoromethane (CFC 11)	50 U	50	50	12/31/24 15:10	
Vinyl Chloride	**770 D**	50	50	12/31/24 15:10	
cis-1,2-Dichloroethene	**3800 D**	50	50	12/31/24 15:10	
cis-1,3-Dichloropropene	50 U	50	50	12/31/24 15:10	
m,p-Xylenes	100 U	100	50	12/31/24 15:10	
n-Butylbenzene	50 U	50	50	12/31/24 15:10	
n-Propylbenzene	50 U	50	50	12/31/24 15:10	
o-Xylene	50 U	50	50	12/31/24 15:10	
sec-Butylbenzene	50 U	50	50	12/31/24 15:10	
tert-Butylbenzene	50 U	50	50	12/31/24 15:10	
trans-1,2-Dichloroethene	50 U	50	50	12/31/24 15:10	
trans-1,3-Dichloropropene	50 U	50	50	12/31/24 15:10	

scc initial analysis

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	98	85 - 122	12/31/24 15:10	
Dibromofluoromethane	101	80 - 116	12/31/24 15:10	
Toluene-d8	101	87 - 121	12/31/24 15:10	

Client:	Labella Associates, PC	**Service Request:**	R2413278
Project:	Roblin/Alumax/2200014	**Date Collected:**	12/18/24 14:10
Sample Matrix:	Water	**Date Received:**	12/19/24 17:15
Sample Name:	MW-04	**Units:**	ug/L
Lab Code:	R2413278-009	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260D
Prep Method: EPA 5030C

Analyte Name	Result	PQL	Dil.	Date Analyzed	Q
1,1,1-Trichloroethane (TCA)	1.0 U	1.0	1	12/31/24 13:16	
1,1,2,2-Tetrachloroethane	1.0 U	1.0	1	12/31/24 13:16	
1,1,2-Trichloroethane	1.0 U	1.0	1	12/31/24 13:16	
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0 U	1.0	1	12/31/24 13:16	
1,1-Dichloroethane (1,1-DCA)	1.0 U	1.0	1	12/31/24 13:16	
1,1-Dichloroethene (1,1-DCE)	1.0 U	1.0	1	12/31/24 13:16	
1,2,3-Trichlorobenzene	1.0 U	1.0	1	12/31/24 13:16	
1,2,4-Trichlorobenzene	1.0 U	1.0	1	12/31/24 13:16	
1,2,4-Trimethylbenzene	1.0 U	1.0	1	12/31/24 13:16	
1,2-Dibromo-3-chloropropane (DBCP)	2.0 U	2.0	1	12/31/24 13:16	
1,2-Dibromoethane	1.0 U	1.0	1	12/31/24 13:16	
1,2-Dichlorobenzene	1.0 U	1.0	1	12/31/24 13:16	
1,2-Dichloroethane	1.0 U	1.0	1	12/31/24 13:16	
1,2-Dichloropropane	1.0 U	1.0	1	12/31/24 13:16	
1,3,5-Trimethylbenzene	1.0 U	1.0	1	12/31/24 13:16	
1,3-Dichlorobenzene	1.0 U	1.0	1	12/31/24 13:16	
1,4-Dichlorobenzene	1.0 U	1.0	1	12/31/24 13:16	
1,4-Dioxane	40 U UJ	40	1	12/31/24 13:16	
2-Butanone (MEK)	5.0 U	5.0	1	12/31/24 13:16	
2-Hexanone	5.0 U	5.0	1	12/31/24 13:16	
4-Isopropyltoluene	1.0 U	1.0	1	12/31/24 13:16	
4-Methyl-2-pentanone	5.0 U	5.0	1	12/31/24 13:16	
Acetone	5.0 U	5.0	1	12/31/24 13:16	
Benzene	1.0 U	1.0	1	12/31/24 13:16	
Bromochloromethane	1.0 U	1.0	1	12/31/24 13:16	
Bromodichloromethane	1.0 U	1.0	1	12/31/24 13:16	
Bromoform	1.0 U	1.0	1	12/31/24 13:16	
Bromomethane	1.0 U	1.0	1	12/31/24 13:16	
Carbon Disulfide	**1.2**	1.0	1	12/31/24 13:16	
Carbon Tetrachloride	1.0 U	1.0	1	12/31/24 13:16	
Chlorobenzene	1.0 U	1.0	1	12/31/24 13:16	
Chloroethane	1.0 U	1.0	1	12/31/24 13:16	
Chloroform	1.0 U	1.0	1	12/31/24 13:16	
Chloromethane	1.0 U	1.0	1	12/31/24 13:16	
Cyclohexane	1.0 U	1.0	1	12/31/24 13:16	
Dibromochloromethane	1.0 U	1.0	1	12/31/24 13:16	
Dichlorodifluoromethane (CFC 12)	1.0 U	1.0	1	12/31/24 13:16	
Dichloromethane	1.0 U	1.0	1	12/31/24 13:16	
Ethylbenzene	1.0 U	1.0	1	12/31/24 13:16	
Isopropylbenzene (Cumene)	1.0 U	1.0	1	12/31/24 13:16	
Methyl Acetate	2.0 U	2.0	1	12/31/24 13:16	
Methyl tert-Butyl Ether	1.0 U	1.0	1	12/31/24 13:16	
Methylcyclohexane	1.0 U	1.0	1	12/31/24 13:16	

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Analytical Report

Client:	Labella Associates, PC	**Service Request:**	R2413278
Project:	Roblin/Alumax/2200014	**Date Collected:**	12/18/24 14:10
Sample Matrix:	Water	**Date Received:**	12/19/24 17:15
Sample Name:	MW-04	**Units:**	ug/L
Lab Code:	R2413278-009	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260D
Prep Method: EPA 5030C

Analyte Name	Result	PQL	Dil.	Date Analyzed	Q
Naphthalene	1.0 U	1.0	1	12/31/24 13:16	
Styrene	1.0 U	1.0	1	12/31/24 13:16	
Tetrachloroethene (PCE)	1.0 U	1.0	1	12/31/24 13:16	
Toluene	1.0 U	1.0	1	12/31/24 13:16	
Trichloroethene (TCE)	1.0 U	1.0	1	12/31/24 13:16	
Trichlorofluoromethane (CFC 11)	1.0 U	1.0	1	12/31/24 13:16	
Vinyl Chloride	1.0 U	1.0	1	12/31/24 13:16	
cis-1,2-Dichloroethene	1.0 U	1.0	1	12/31/24 13:16	
cis-1,3-Dichloropropene	1.0 U	1.0	1	12/31/24 13:16	
m,p-Xylenes	2.0 U	2.0	1	12/31/24 13:16	
n-Butylbenzene	1.0 U	1.0	1	12/31/24 13:16	
n-Propylbenzene	1.0 U	1.0	1	12/31/24 13:16	
o-Xylene	1.0 U	1.0	1	12/31/24 13:16	
sec-Butylbenzene	1.0 U	1.0	1	12/31/24 13:16	
tert-Butylbenzene	1.0 U	1.0	1	12/31/24 13:16	
trans-1,2-Dichloroethene	1.0 U	1.0	1	12/31/24 13:16	
trans-1,3-Dichloropropene	1.0 U	1.0	1	12/31/24 13:16	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	97	85 - 122	12/31/24 13:16	
Dibromofluoromethane	99	80 - 116	12/31/24 13:16	
Toluene-d8	101	87 - 121	12/31/24 13:16	

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Analytical Report

Client:	Labella Associates, PC	**Service Request:**	R2413278
Project:	Roblin/Alumax/2200014	**Date Collected:**	12/18/24
Sample Matrix:	Water	**Date Received:**	12/19/24 17:15
Sample Name:	DUP	**Units:**	ug/L
Lab Code:	R2413278-010	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260D
Prep Method: EPA 5030C

Analyte Name	Result	PQL	Dil.	Date Analyzed	Q
1,1,1-Trichloroethane (TCA)	1.0 U	1.0	1	12/31/24 13:39	
1,1,2,2-Tetrachloroethane	1.0 U	1.0	1	12/31/24 13:39	
1,1,2-Trichloroethane	1.0 U	1.0	1	12/31/24 13:39	
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0 U	1.0	1	12/31/24 13:39	
1,1-Dichloroethane (1,1-DCA)	1.0 U	1.0	1	12/31/24 13:39	
1,1-Dichloroethene (1,1-DCE)	1.0 U	1.0	1	12/31/24 13:39	
1,2,3-Trichlorobenzene	1.0 U	1.0	1	12/31/24 13:39	
1,2,4-Trichlorobenzene	1.0 U	1.0	1	12/31/24 13:39	
1,2,4-Trimethylbenzene	1.0 U	1.0	1	12/31/24 13:39	
1,2-Dibromo-3-chloropropane (DBCP)	2.0 U	2.0	1	12/31/24 13:39	
1,2-Dibromoethane	1.0 U	1.0	1	12/31/24 13:39	
1,2-Dichlorobenzene	1.0 U	1.0	1	12/31/24 13:39	
1,2-Dichloroethane	1.0 U	1.0	1	12/31/24 13:39	
1,2-Dichloropropane	1.0 U	1.0	1	12/31/24 13:39	
1,3,5-Trimethylbenzene	1.0 U	1.0	1	12/31/24 13:39	
1,3-Dichlorobenzene	1.0 U	1.0	1	12/31/24 13:39	
1,4-Dichlorobenzene	1.0 U	1.0	1	12/31/24 13:39	
1,4-Dioxane	40 ~~U~~ UJ	40	1	12/31/24 13:39	
2-Butanone (MEK)	5.0 U	5.0	1	12/31/24 13:39	
2-Hexanone	5.0 U	5.0	1	12/31/24 13:39	
4-Isopropyltoluene	1.0 U	1.0	1	12/31/24 13:39	
4-Methyl-2-pentanone	5.0 U	5.0	1	12/31/24 13:39	
Acetone	5.0 U	5.0	1	12/31/24 13:39	
Benzene	1.0 U	1.0	1	12/31/24 13:39	
Bromochloromethane	1.0 U	1.0	1	12/31/24 13:39	
Bromodichloromethane	1.0 U	1.0	1	12/31/24 13:39	
Bromoform	1.0 U	1.0	1	12/31/24 13:39	
Bromomethane	1.0 U	1.0	1	12/31/24 13:39	
Carbon Disulfide	**1.0**	1.0	1	12/31/24 13:39	
Carbon Tetrachloride	1.0 U	1.0	1	12/31/24 13:39	
Chlorobenzene	1.0 U	1.0	1	12/31/24 13:39	
Chloroethane	1.0 U	1.0	1	12/31/24 13:39	
Chloroform	1.0 U	1.0	1	12/31/24 13:39	
Chloromethane	1.0 U	1.0	1	12/31/24 13:39	
Cyclohexane	1.0 U	1.0	1	12/31/24 13:39	
Dibromochloromethane	1.0 U	1.0	1	12/31/24 13:39	
Dichlorodifluoromethane (CFC 12)	1.0 U	1.0	1	12/31/24 13:39	
Dichloromethane	1.0 U	1.0	1	12/31/24 13:39	
Ethylbenzene	1.0 U	1.0	1	12/31/24 13:39	
Isopropylbenzene (Cumene)	1.0 U	1.0	1	12/31/24 13:39	
Methyl Acetate	2.0 U	2.0	1	12/31/24 13:39	
Methyl tert-Butyl Ether	1.0 U	1.0	1	12/31/24 13:39	
Methylcyclohexane	1.0 U	1.0	1	12/31/24 13:39	

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Analytical Report

Client:	Labella Associates, PC	**Service Request:**	R2413278
Project:	Roblin/Alumax/2200014	**Date Collected:**	12/18/24
Sample Matrix:	Water	**Date Received:**	12/19/24 17:15
Sample Name:	DUP	**Units:**	ug/L
Lab Code:	R2413278-010	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260D
Prep Method: EPA 5030C

Analyte Name	Result	PQL	Dil.	Date Analyzed	Q
Naphthalene	1.0 U	1.0	1	12/31/24 13:39	
Styrene	1.0 U	1.0	1	12/31/24 13:39	
Tetrachloroethene (PCE)	1.0 U	1.0	1	12/31/24 13:39	
Toluene	1.0 U	1.0	1	12/31/24 13:39	
Trichloroethene (TCE)	1.0 U	1.0	1	12/31/24 13:39	
Trichlorofluoromethane (CFC 11)	1.0 U	1.0	1	12/31/24 13:39	
Vinyl Chloride	1.0 U	1.0	1	12/31/24 13:39	
cis-1,2-Dichloroethene	1.0 U	1.0	1	12/31/24 13:39	
cis-1,3-Dichloropropene	1.0 U	1.0	1	12/31/24 13:39	
m,p-Xylenes	2.0 U	2.0	1	12/31/24 13:39	
n-Butylbenzene	1.0 U	1.0	1	12/31/24 13:39	
n-Propylbenzene	1.0 U	1.0	1	12/31/24 13:39	
o-Xylene	1.0 U	1.0	1	12/31/24 13:39	
sec-Butylbenzene	1.0 U	1.0	1	12/31/24 13:39	
tert-Butylbenzene	1.0 U	1.0	1	12/31/24 13:39	
trans-1,2-Dichloroethene	1.0 U	1.0	1	12/31/24 13:39	
trans-1,3-Dichloropropene	1.0 U	1.0	1	12/31/24 13:39	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	97	85 - 122	12/31/24 13:39	
Dibromofluoromethane	96	80 - 116	12/31/24 13:39	
Toluene-d8	100	87 - 121	12/31/24 13:39	

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Analytical Report

Client:	Labella Associates, PC	**Service Request:**	R2413278
Project:	Roblin/Alumax/2200014	**Date Collected:**	12/18/24 15:25
Sample Matrix:	Water	**Date Received:**	12/19/24 17:15
Sample Name:	MW-09R	**Units:**	ug/L
Lab Code:	R2413278-011	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260D
Prep Method: EPA 5030C

Analyte Name	Result	PQL	Dil.	Date Analyzed	Q
1,1,1-Trichloroethane (TCA)	2.5 U	2.5	2.5	12/31/24 14:02	
1,1,2,2-Tetrachloroethane	2.5 U	2.5	2.5	12/31/24 14:02	
1,1,2-Trichloroethane	2.5 U	2.5	2.5	12/31/24 14:02	
1,1,2-Trichloro-1,2,2-trifluoroethane	2.5 U	2.5	2.5	12/31/24 14:02	
1,1-Dichloroethane (1,1-DCA)	2.5 U	2.5	2.5	12/31/24 14:02	
1,1-Dichloroethene (1,1-DCE)	2.5 U	2.5	2.5	12/31/24 14:02	
1,2,3-Trichlorobenzene	2.5 U	2.5	2.5	12/31/24 14:02	
1,2,4-Trichlorobenzene	2.5 U	2.5	2.5	12/31/24 14:02	
1,2,4-Trimethylbenzene	2.5 U	2.5	2.5	12/31/24 14:02	
1,2-Dibromo-3-chloropropane (DBCP)	5.0 U	5.0	2.5	12/31/24 14:02	
1,2-Dibromoethane	2.5 U	2.5	2.5	12/31/24 14:02	
1,2-Dichlorobenzene	2.5 U	2.5	2.5	12/31/24 14:02	
1,2-Dichloroethane	2.5 U	2.5	2.5	12/31/24 14:02	
1,2-Dichloropropane	2.5 U	2.5	2.5	12/31/24 14:02	
1,3,5-Trimethylbenzene	2.5 U	2.5	2.5	12/31/24 14:02	
1,3-Dichlorobenzene	2.5 U	2.5	2.5	12/31/24 14:02	
1,4-Dichlorobenzene	2.5 U	2.5	2.5	12/31/24 14:02	
1,4-Dioxane	100 U UJ	100	2.5	12/31/24 14:02	
2-Butanone (MEK)	13 U	13	2.5	12/31/24 14:02	
2-Hexanone	13 U	13	2.5	12/31/24 14:02	
4-Isopropyltoluene	2.5 U	2.5	2.5	12/31/24 14:02	
4-Methyl-2-pentanone	13 U	13	2.5	12/31/24 14:02	
Acetone	13 U	13	2.5	12/31/24 14:02	
Benzene	**2.6**	2.5	2.5	12/31/24 14:02	
Bromochloromethane	2.5 U	2.5	2.5	12/31/24 14:02	
Bromodichloromethane	2.5 U	2.5	2.5	12/31/24 14:02	
Bromoform	2.5 U	2.5	2.5	12/31/24 14:02	
Bromomethane	2.5 U	2.5	2.5	12/31/24 14:02	
Carbon Disulfide	2.5 U	2.5	2.5	12/31/24 14:02	
Carbon Tetrachloride	2.5 U	2.5	2.5	12/31/24 14:02	
Chlorobenzene	2.5 U	2.5	2.5	12/31/24 14:02	
Chloroethane	2.5 U	2.5	2.5	12/31/24 14:02	
Chloroform	2.5 U	2.5	2.5	12/31/24 14:02	
Chloromethane	2.5 U	2.5	2.5	12/31/24 14:02	
Cyclohexane	**17**	2.5	2.5	12/31/24 14:02	
Dibromochloromethane	2.5 U	2.5	2.5	12/31/24 14:02	
Dichlorodifluoromethane (CFC 12)	2.5 U	2.5	2.5	12/31/24 14:02	
Dichloromethane	2.5 U	2.5	2.5	12/31/24 14:02	
Ethylbenzene	2.5 U	2.5	2.5	12/31/24 14:02	
Isopropylbenzene (Cumene)	2.5 U	2.5	2.5	12/31/24 14:02	
Methyl Acetate	5.0 U	5.0	2.5	12/31/24 14:02	
Methyl tert-Butyl Ether	2.5 U	2.5	2.5	12/31/24 14:02	
Methylcyclohexane	**16**	2.5	2.5	12/31/24 14:02	

Analytical Report

Client:	Labella Associates, PC	**Service Request:**	R2413278
Project:	Roblin/Alumax/2200014	**Date Collected:**	12/18/24 15:25
Sample Matrix:	Water	**Date Received:**	12/19/24 17:15
Sample Name:	MW-09R	**Units:**	ug/L
Lab Code:	R2413278-011	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260D
Prep Method: EPA 5030C

Analyte Name	Result	PQL	Dil.	Date Analyzed	Q
Naphthalene	2.5 U	2.5	2.5	12/31/24 14:02	
Styrene	2.5 U	2.5	2.5	12/31/24 14:02	
Tetrachloroethene (PCE)	2.5 U	2.5	2.5	12/31/24 14:02	
Toluene	2.5 U	2.5	2.5	12/31/24 14:02	
Trichloroethene (TCE)	**15** J	2.5	2.5	12/31/24 14:02	
Trichlorofluoromethane (CFC 11)	2.5 U	2.5	2.5	12/31/24 14:02	
Vinyl Chloride	**400**	2.5	2.5	12/31/24 14:02	
cis-1,2-Dichloroethene	**270**	2.5	2.5	12/31/24 14:02	
cis-1,3-Dichloropropene	2.5 U	2.5	2.5	12/31/24 14:02	
m,p-Xylenes	5.0 U	5.0	2.5	12/31/24 14:02	
n-Butylbenzene	2.5 U	2.5	2.5	12/31/24 14:02	
n-Propylbenzene	2.5 U	2.5	2.5	12/31/24 14:02	
o-Xylene	2.5 U	2.5	2.5	12/31/24 14:02	
sec-Butylbenzene	2.5 U	2.5	2.5	12/31/24 14:02	
tert-Butylbenzene	2.5 U	2.5	2.5	12/31/24 14:02	
trans-1,2-Dichloroethene	2.5 U	2.5	2.5	12/31/24 14:02	
trans-1,3-Dichloropropene	2.5 U	2.5	2.5	12/31/24 14:02	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	98	85 - 122	12/31/24 14:02	
Dibromofluoromethane	101	80 - 116	12/31/24 14:02	
Toluene-d8	102	87 - 121	12/31/24 14:02	

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Analytical Report

Client:	Labella Associates, PC	**Service Request:**	R2413278
Project:	Roblin/Alumax/2200014	**Date Collected:**	12/18/24
Sample Matrix:	Water	**Date Received:**	12/19/24 17:15
Sample Name:	Trip Blank	**Units:**	ug/L
Lab Code:	R2413278-012	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260D
Prep Method: EPA 5030C

Analyte Name	Result	PQL	Dil.	Date Analyzed	Q
1,1,1-Trichloroethane (TCA)	1.0 U	1.0	1	12/31/24 02:45	
1,1,2,2-Tetrachloroethane	1.0 U	1.0	1	12/31/24 02:45	
1,1,2-Trichloroethane	1.0 U	1.0	1	12/31/24 02:45	
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0 U	1.0	1	12/31/24 02:45	
1,1-Dichloroethane (1,1-DCA)	1.0 U	1.0	1	12/31/24 02:45	
1,1-Dichloroethene (1,1-DCE)	1.0 U	1.0	1	12/31/24 02:45	
1,2,3-Trichlorobenzene	1.0 U	1.0	1	12/31/24 02:45	
1,2,4-Trichlorobenzene	1.0 U	1.0	1	12/31/24 02:45	
1,2,4-Trimethylbenzene	1.0 U	1.0	1	12/31/24 02:45	
1,2-Dibromo-3-chloropropane (DBCP)	2.0 U	2.0	1	12/31/24 02:45	
1,2-Dibromoethane	1.0 U	1.0	1	12/31/24 02:45	
1,2-Dichlorobenzene	1.0 U	1.0	1	12/31/24 02:45	
1,2-Dichloroethane	1.0 U	1.0	1	12/31/24 02:45	
1,2-Dichloropropane	1.0 U	1.0	1	12/31/24 02:45	
1,3,5-Trimethylbenzene	1.0 U	1.0	1	12/31/24 02:45	
1,3-Dichlorobenzene	1.0 U	1.0	1	12/31/24 02:45	
1,4-Dichlorobenzene	1.0 U	1.0	1	12/31/24 02:45	
1,4-Dioxane	40 U	40	1	12/31/24 02:45	
2-Butanone (MEK)	5.0 U	5.0	1	12/31/24 02:45	
2-Hexanone	5.0 U	5.0	1	12/31/24 02:45	
4-Isopropyltoluene	1.0 U	1.0	1	12/31/24 02:45	
4-Methyl-2-pentanone	5.0 U	5.0	1	12/31/24 02:45	
Acetone	5.0 U	5.0	1	12/31/24 02:45	
Benzene	1.0 U	1.0	1	12/31/24 02:45	
Bromochloromethane	1.0 U	1.0	1	12/31/24 02:45	
Bromodichloromethane	1.0 U	1.0	1	12/31/24 02:45	
Bromoform	1.0 U	1.0	1	12/31/24 02:45	
Bromomethane	1.0 U	1.0	1	12/31/24 02:45	
Carbon Disulfide	1.0 U	1.0	1	12/31/24 02:45	
Carbon Tetrachloride	1.0 U	1.0	1	12/31/24 02:45	
Chlorobenzene	1.0 U	1.0	1	12/31/24 02:45	
Chloroethane	1.0 U	1.0	1	12/31/24 02:45	
Chloroform	1.0 U	1.0	1	12/31/24 02:45	
Chloromethane	1.0 U	1.0	1	12/31/24 02:45	
Cyclohexane	1.0 U	1.0	1	12/31/24 02:45	
Dibromochloromethane	1.0 U	1.0	1	12/31/24 02:45	
Dichlorodifluoromethane (CFC 12)	1.0 U	1.0	1	12/31/24 02:45	
Dichloromethane	1.0 U	1.0	1	12/31/24 02:45	
Ethylbenzene	1.0 U	1.0	1	12/31/24 02:45	
Isopropylbenzene (Cumene)	1.0 U	1.0	1	12/31/24 02:45	
Methyl Acetate	2.0 U	2.0	1	12/31/24 02:45	
Methyl tert-Butyl Ether	1.0 U	1.0	1	12/31/24 02:45	
Methylcyclohexane	1.0 U	1.0	1	12/31/24 02:45	

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Analytical Report

Client:	Labella Associates, PC	**Service Request:**	R2413278
Project:	Roblin/Alumax/2200014	**Date Collected:**	12/18/24
Sample Matrix:	Water	**Date Received:**	12/19/24 17:15
Sample Name:	Trip Blank	**Units:**	ug/L
Lab Code:	R2413278-012	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260D
Prep Method: EPA 5030C

Analyte Name	Result	PQL	Dil.	Date Analyzed	Q
Naphthalene	1.0 U	1.0	1	12/31/24 02:45	
Styrene	1.0 U	1.0	1	12/31/24 02:45	
Tetrachloroethene (PCE)	1.0 U	1.0	1	12/31/24 02:45	
Toluene	1.0 U	1.0	1	12/31/24 02:45	
Trichloroethene (TCE)	1.0 U	1.0	1	12/31/24 02:45	
Trichlorofluoromethane (CFC 11)	1.0 U	1.0	1	12/31/24 02:45	
Vinyl Chloride	1.0 U	1.0	1	12/31/24 02:45	
cis-1,2-Dichloroethene	1.0 U	1.0	1	12/31/24 02:45	
cis-1,3-Dichloropropene	1.0 U	1.0	1	12/31/24 02:45	
m,p-Xylenes	2.0 U	2.0	1	12/31/24 02:45	
n-Butylbenzene	1.0 U	1.0	1	12/31/24 02:45	
n-Propylbenzene	1.0 U	1.0	1	12/31/24 02:45	
o-Xylene	1.0 U	1.0	1	12/31/24 02:45	
sec-Butylbenzene	1.0 U	1.0	1	12/31/24 02:45	
tert-Butylbenzene	1.0 U	1.0	1	12/31/24 02:45	
trans-1,2-Dichloroethene	1.0 U	1.0	1	12/31/24 02:45	
trans-1,3-Dichloropropene	1.0 U	1.0	1	12/31/24 02:45	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	102	85 - 122	12/31/24 02:45	
Dibromofluoromethane	101	80 - 116	12/31/24 02:45	
Toluene-d8	104	87 - 121	12/31/24 02:45	

Client: Labella Associates, PC **Service Request:** R2413278
Project: Roblin/Alumax/2200014
Sample Matrix: Water

SURROGATE RECOVERY SUMMARY
Volatile Organic Compounds by GC/MS

Analysis Method: 8260D
Extraction Method: EPA 5030C

Sample Name	Lab Code	4-Bromofluorobenzene 85 - 122	Dibromofluoromethane 80 - 116	Toluene-d8 87 - 121
AL-7	R2413278-001	102	103	104
AL-1	R2413278-002	95	95	98
AL-2	R2413278-003	95	95	99
EX-MW-11R	R2413278-004	99	101	102
EX-MW-11R DL	R2413278-004	93	93	94
EX-MW-12	R2413278-005	98	100	102
MW-02R	R2413278-006	95	96	99
MW-13	R2413278-007	94	95	97
MW-07R	R2413278-008	98	101	99
MW-07R DL	R2413278-008	98	101	101
MW-04	R2413278-009	97	99	101
DUP	R2413278-010	97	96	100
MW-09R	R2413278-011	98	101	102
Trip Blank	R2413278-012	102	101	104
Lab Control Sample	RQ2416639-02	96	96	96
Method Blank	RQ2416639-03	97	98	101
Lab Control Sample	RQ2416664-02	98	100	101
Method Blank	RQ2416664-03	95	95	98

Client:	Labella Associates, PC	**Service Request:**	R2413278
Project:	Roblin/Alumax/2200014	**Date Analyzed:**	12/30/24 22:57
Sample Matrix:	Water	**Date Extracted:**	

Method Blank Summary
Volatile Organic Compounds by GC/MS

Sample Name:	Method Blank	**Instrument ID:**	R-MS-10
Lab Code:	RQ2416639-03	**File ID:**	I:\ACQUDATA\msvoa10\data\123024\E0357.D\
Analysis Method:	8260D	**Analysis Lot:**	865678
Prep Method:	EPA 5030C		

This Method Blank applies to the following analyses.

Sample Name	Lab Code	File ID	Date Analyzed
Trip Blank	R2413278-012	I:\ACQUDATA\msvoa10\data\123024\E0367.D\	12/31/24 02:45
AL-7	R2413278-001	I:\ACQUDATA\msvoa10\data\123024\E0368.D\	12/31/24 03:08
AL-2	R2413278-003	I:\ACQUDATA\msvoa10\data\123024\E0369.D\	12/31/24 03:31
EX-MW-12	R2413278-005	I:\ACQUDATA\msvoa10\data\123024\E0370.D\	12/31/24 03:54
MW-02R	R2413278-006	I:\ACQUDATA\msvoa10\data\123024\E0371.D\	12/31/24 04:16
MW-13	R2413278-007	I:\ACQUDATA\msvoa10\data\123024\E0372.D\	12/31/24 04:39
MW-07R	R2413278-008	I:\ACQUDATA\msvoa10\data\123024\E0373.D\	12/31/24 05:02
EX-MW-11R	R2413278-004	I:\ACQUDATA\msvoa10\data\123024\E0377.D\	12/31/24 06:33
Lab Control Sample	RQ2416639-02	I:\ACQUDATA\msvoa10\data\123024\E0381.D\	12/31/24 08:04

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Analytical Report

Client:	Labella Associates, PC	**Service Request:**	R2413278
Project:	Roblin/Alumax/2200014	**Date Collected:**	NA
Sample Matrix:	Water	**Date Received:**	NA
Sample Name:	Method Blank	**Units:**	ug/L
Lab Code:	RQ2416639-03	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260D
Prep Method: EPA 5030C

Analyte Name	Result	PQL	Dil.	Date Analyzed	Q
1,1,1-Trichloroethane (TCA)	1.0 U	1.0	1	12/30/24 22:57	
1,1,2,2-Tetrachloroethane	1.0 U	1.0	1	12/30/24 22:57	
1,1,2-Trichloroethane	1.0 U	1.0	1	12/30/24 22:57	
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0 U	1.0	1	12/30/24 22:57	
1,1-Dichloroethane (1,1-DCA)	1.0 U	1.0	1	12/30/24 22:57	
1,1-Dichloroethene (1,1-DCE)	1.0 U	1.0	1	12/30/24 22:57	
1,2,3-Trichlorobenzene	1.0 U	1.0	1	12/30/24 22:57	
1,2,4-Trichlorobenzene	1.0 U	1.0	1	12/30/24 22:57	
1,2,4-Trimethylbenzene	1.0 U	1.0	1	12/30/24 22:57	
1,2-Dibromo-3-chloropropane (DBCP)	2.0 U	2.0	1	12/30/24 22:57	
1,2-Dibromoethane	1.0 U	1.0	1	12/30/24 22:57	
1,2-Dichlorobenzene	1.0 U	1.0	1	12/30/24 22:57	
1,2-Dichloroethane	1.0 U	1.0	1	12/30/24 22:57	
1,2-Dichloropropane	1.0 U	1.0	1	12/30/24 22:57	
1,3,5-Trimethylbenzene	1.0 U	1.0	1	12/30/24 22:57	
1,3-Dichlorobenzene	1.0 U	1.0	1	12/30/24 22:57	
1,4-Dichlorobenzene	1.0 U	1.0	1	12/30/24 22:57	
1,4-Dioxane	40 U	40	1	12/30/24 22:57	
2-Butanone (MEK)	5.0 U	5.0	1	12/30/24 22:57	
2-Hexanone	5.0 U	5.0	1	12/30/24 22:57	
4-Isopropyltoluene	1.0 U	1.0	1	12/30/24 22:57	
4-Methyl-2-pentanone	5.0 U	5.0	1	12/30/24 22:57	
Acetone	5.0 U	5.0	1	12/30/24 22:57	
Benzene	1.0 U	1.0	1	12/30/24 22:57	
Bromochloromethane	1.0 U	1.0	1	12/30/24 22:57	
Bromodichloromethane	1.0 U	1.0	1	12/30/24 22:57	
Bromoform	1.0 U	1.0	1	12/30/24 22:57	
Bromomethane	1.0 U	1.0	1	12/30/24 22:57	
Carbon Disulfide	1.0 U	1.0	1	12/30/24 22:57	
Carbon Tetrachloride	1.0 U	1.0	1	12/30/24 22:57	
Chlorobenzene	1.0 U	1.0	1	12/30/24 22:57	
Chloroethane	1.0 U	1.0	1	12/30/24 22:57	
Chloroform	1.0 U	1.0	1	12/30/24 22:57	
Chloromethane	1.0 U	1.0	1	12/30/24 22:57	
Cyclohexane	1.0 U	1.0	1	12/30/24 22:57	
Dibromochloromethane	1.0 U	1.0	1	12/30/24 22:57	
Dichlorodifluoromethane (CFC 12)	1.0 U	1.0	1	12/30/24 22:57	
Dichloromethane	1.0 U	1.0	1	12/30/24 22:57	
Ethylbenzene	1.0 U	1.0	1	12/30/24 22:57	
Isopropylbenzene (Cumene)	1.0 U	1.0	1	12/30/24 22:57	
Methyl Acetate	2.0 U	2.0	1	12/30/24 22:57	
Methyl tert-Butyl Ether	1.0 U	1.0	1	12/30/24 22:57	
Methylcyclohexane	1.0 U	1.0	1	12/30/24 22:57	

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Analytical Report

Client:	Labella Associates, PC	**Service Request:**	R2413278
Project:	Roblin/Alumax/2200014	**Date Collected:**	NA
Sample Matrix:	Water	**Date Received:**	NA
Sample Name:	Method Blank	**Units:**	ug/L
Lab Code:	RQ2416639-03	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260D
Prep Method: EPA 5030C

Analyte Name	Result	PQL	Dil.	Date Analyzed	Q
Naphthalene	1.0 U	1.0	1	12/30/24 22:57	
Styrene	1.0 U	1.0	1	12/30/24 22:57	
Tetrachloroethene (PCE)	1.0 U	1.0	1	12/30/24 22:57	
Toluene	1.0 U	1.0	1	12/30/24 22:57	
Trichloroethene (TCE)	1.0 U	1.0	1	12/30/24 22:57	
Trichlorofluoromethane (CFC 11)	1.0 U	1.0	1	12/30/24 22:57	
Vinyl Chloride	1.0 U	1.0	1	12/30/24 22:57	
cis-1,2-Dichloroethene	1.0 U	1.0	1	12/30/24 22:57	
cis-1,3-Dichloropropene	1.0 U	1.0	1	12/30/24 22:57	
m,p-Xylenes	2.0 U	2.0	1	12/30/24 22:57	
n-Butylbenzene	1.0 U	1.0	1	12/30/24 22:57	
n-Propylbenzene	1.0 U	1.0	1	12/30/24 22:57	
o-Xylene	1.0 U	1.0	1	12/30/24 22:57	
sec-Butylbenzene	1.0 U	1.0	1	12/30/24 22:57	
tert-Butylbenzene	1.0 U	1.0	1	12/30/24 22:57	
trans-1,2-Dichloroethene	1.0 U	1.0	1	12/30/24 22:57	
trans-1,3-Dichloropropene	1.0 U	1.0	1	12/30/24 22:57	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	97	85 - 122	12/30/24 22:57	
Dibromofluoromethane	98	80 - 116	12/30/24 22:57	
Toluene-d8	101	87 - 121	12/30/24 22:57	

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QA/QC Report

Client:	Labella Associates, PC	**Service Request:**	R2413278
Project:	Roblin/Alumax/2200014	**Date Analyzed:**	12/31/24 12:08
Sample Matrix:	Water	**Date Extracted:**	

Method Blank Summary
Volatile Organic Compounds by GC/MS

Sample Name:	Method Blank	**Instrument ID:**	R-MS-10
Lab Code:	RQ2416664-03	**File ID:**	I:\ACQUDATA\msvoa10\data\123124\E0388.D\
Analysis Method:	8260D	**Analysis Lot:**	865794
Prep Method:	EPA 5030C		

This Method Blank applies to the following analyses.

Sample Name	Lab Code	File ID	Date Analyzed
Lab Control Sample	RQ2416664-02	I:\ACQUDATA\msvoa10\data\123124\E0385.D\	12/31/24 10:47
MW-04	R2413278-009	I:\ACQUDATA\msvoa10\data\123124\E0391.D\	12/31/24 13:16
DUP	R2413278-010	I:\ACQUDATA\msvoa10\data\123124\E0392.D\	12/31/24 13:39
MW-09R	R2413278-011	I:\ACQUDATA\msvoa10\data\123124\E0393.D\	12/31/24 14:02
AL-1	R2413278-002	I:\ACQUDATA\msvoa10\data\123124\E0394.D\	12/31/24 14:24
EX-MW-11R	R2413278-004	I:\ACQUDATA\msvoa10\data\123124\E0395.D\	12/31/24 14:47
MW-07R	R2413278-008	I:\ACQUDATA\msvoa10\data\123124\E0396.D\	12/31/24 15:10

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Analytical Report

Client:	Labella Associates, PC	**Service Request:**	R2413278
Project:	Roblin/Alumax/2200014	**Date Collected:**	NA
Sample Matrix:	Water	**Date Received:**	NA
Sample Name:	Method Blank	**Units:**	ug/L
Lab Code:	RQ2416664-03	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260D
Prep Method: EPA 5030C

Analyte Name	Result	PQL	Dil.	Date Analyzed	Q
1,1,1-Trichloroethane (TCA)	1.0 U	1.0	1	12/31/24 12:08	
1,1,2,2-Tetrachloroethane	1.0 U	1.0	1	12/31/24 12:08	
1,1,2-Trichloroethane	1.0 U	1.0	1	12/31/24 12:08	
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0 U	1.0	1	12/31/24 12:08	
1,1-Dichloroethane (1,1-DCA)	1.0 U	1.0	1	12/31/24 12:08	
1,1-Dichloroethene (1,1-DCE)	1.0 U	1.0	1	12/31/24 12:08	
1,2,3-Trichlorobenzene	1.0 U	1.0	1	12/31/24 12:08	
1,2,4-Trichlorobenzene	1.0 U	1.0	1	12/31/24 12:08	
1,2,4-Trimethylbenzene	1.0 U	1.0	1	12/31/24 12:08	
1,2-Dibromo-3-chloropropane (DBCP)	2.0 U	2.0	1	12/31/24 12:08	
1,2-Dibromoethane	1.0 U	1.0	1	12/31/24 12:08	
1,2-Dichlorobenzene	1.0 U	1.0	1	12/31/24 12:08	
1,2-Dichloroethane	1.0 U	1.0	1	12/31/24 12:08	
1,2-Dichloropropane	1.0 U	1.0	1	12/31/24 12:08	
1,3,5-Trimethylbenzene	1.0 U	1.0	1	12/31/24 12:08	
1,3-Dichlorobenzene	1.0 U	1.0	1	12/31/24 12:08	
1,4-Dichlorobenzene	1.0 U	1.0	1	12/31/24 12:08	
1,4-Dioxane	40 U	40	1	12/31/24 12:08	
2-Butanone (MEK)	5.0 U	5.0	1	12/31/24 12:08	
2-Hexanone	5.0 U	5.0	1	12/31/24 12:08	
4-Isopropyltoluene	1.0 U	1.0	1	12/31/24 12:08	
4-Methyl-2-pentanone	5.0 U	5.0	1	12/31/24 12:08	
Acetone	5.0 U	5.0	1	12/31/24 12:08	
Benzene	1.0 U	1.0	1	12/31/24 12:08	
Bromochloromethane	1.0 U	1.0	1	12/31/24 12:08	
Bromodichloromethane	1.0 U	1.0	1	12/31/24 12:08	
Bromoform	1.0 U	1.0	1	12/31/24 12:08	
Bromomethane	1.0 U	1.0	1	12/31/24 12:08	
Carbon Disulfide	1.0 U	1.0	1	12/31/24 12:08	
Carbon Tetrachloride	1.0 U	1.0	1	12/31/24 12:08	
Chlorobenzene	1.0 U	1.0	1	12/31/24 12:08	
Chloroethane	1.0 U	1.0	1	12/31/24 12:08	
Chloroform	1.0 U	1.0	1	12/31/24 12:08	
Chloromethane	1.0 U	1.0	1	12/31/24 12:08	
Cyclohexane	1.0 U	1.0	1	12/31/24 12:08	
Dibromochloromethane	1.0 U	1.0	1	12/31/24 12:08	
Dichlorodifluoromethane (CFC 12)	1.0 U	1.0	1	12/31/24 12:08	
Dichloromethane	1.0 U	1.0	1	12/31/24 12:08	
Ethylbenzene	1.0 U	1.0	1	12/31/24 12:08	
Isopropylbenzene (Cumene)	1.0 U	1.0	1	12/31/24 12:08	
Methyl Acetate	2.0 U	2.0	1	12/31/24 12:08	
Methyl tert-Butyl Ether	1.0 U	1.0	1	12/31/24 12:08	
Methylcyclohexane	1.0 U	1.0	1	12/31/24 12:08	

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Analytical Report

Client:	Labella Associates, PC	**Service Request:**	R2413278
Project:	Roblin/Alumax/2200014	**Date Collected:**	NA
Sample Matrix:	Water	**Date Received:**	NA
Sample Name:	Method Blank	**Units:**	ug/L
Lab Code:	RQ2416664-03	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260D
Prep Method: EPA 5030C

Analyte Name	Result	PQL	Dil.	Date Analyzed	Q
Naphthalene	1.0 U	1.0	1	12/31/24 12:08	
Styrene	1.0 U	1.0	1	12/31/24 12:08	
Tetrachloroethene (PCE)	1.0 U	1.0	1	12/31/24 12:08	
Toluene	1.0 U	1.0	1	12/31/24 12:08	
Trichloroethene (TCE)	1.0 U	1.0	1	12/31/24 12:08	
Trichlorofluoromethane (CFC 11)	1.0 U	1.0	1	12/31/24 12:08	
Vinyl Chloride	1.0 U	1.0	1	12/31/24 12:08	
cis-1,2-Dichloroethene	1.0 U	1.0	1	12/31/24 12:08	
cis-1,3-Dichloropropene	1.0 U	1.0	1	12/31/24 12:08	
m,p-Xylenes	2.0 U	2.0	1	12/31/24 12:08	
n-Butylbenzene	1.0 U	1.0	1	12/31/24 12:08	
n-Propylbenzene	1.0 U	1.0	1	12/31/24 12:08	
o-Xylene	1.0 U	1.0	1	12/31/24 12:08	
sec-Butylbenzene	1.0 U	1.0	1	12/31/24 12:08	
tert-Butylbenzene	1.0 U	1.0	1	12/31/24 12:08	
trans-1,2-Dichloroethene	1.0 U	1.0	1	12/31/24 12:08	
trans-1,3-Dichloropropene	1.0 U	1.0	1	12/31/24 12:08	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	95	85 - 122	12/31/24 12:08	
Dibromofluoromethane	95	80 - 116	12/31/24 12:08	
Toluene-d8	98	87 - 121	12/31/24 12:08	

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QA/QC Report

Client:	Labella Associates, PC	**Service Request:**	R2413278
Project:	Roblin/Alumax/2200014	**Date Analyzed:**	12/31/24 08:04
Sample Matrix:	Water	**Date Extracted:**	

Lab Control Sample Summary
Volatile Organic Compounds by GC/MS

Sample Name:	Lab Control Sample	**Instrument ID:**	R-MS-10
Lab Code:	RQ2416639-02	**File ID:**	I:\ACQUDATA\msvoa10\data\123024\E0381.D\
Analysis Method:	8260D	**Analysis Lot:**	865678
Prep Method:	EPA 5030C		

This Lab Control Sample applies to the following analyses.

Sample Name	Lab Code	File ID	Date Analyzed
Method Blank	RQ2416639-03	I:\ACQUDATA\msvoa10\data\123024\E0357.D\	12/30/24 22:57
Trip Blank	R2413278-012	I:\ACQUDATA\msvoa10\data\123024\E0367.D\	12/31/24 02:45
AL-7	R2413278-001	I:\ACQUDATA\msvoa10\data\123024\E0368.D\	12/31/24 03:08
AL-2	R2413278-003	I:\ACQUDATA\msvoa10\data\123024\E0369.D\	12/31/24 03:31
EX-MW-12	R2413278-005	I:\ACQUDATA\msvoa10\data\123024\E0370.D\	12/31/24 03:54
MW-02R	R2413278-006	I:\ACQUDATA\msvoa10\data\123024\E0371.D\	12/31/24 04:16
MW-13	R2413278-007	I:\ACQUDATA\msvoa10\data\123024\E0372.D\	12/31/24 04:39
MW-07R	R2413278-008	I:\ACQUDATA\msvoa10\data\123024\E0373.D\	12/31/24 05:02
EX-MW-11R	R2413278-004	I:\ACQUDATA\msvoa10\data\123024\E0377.D\	12/31/24 06:33

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QA/QC Report

Client: Labella Associates, PC
Project: Roblin/Alumax/2200014
Sample Matrix: Water

Service Request: R2413278
Date Analyzed: 12/31/24

Lab Control Sample Summary
Volatile Organic Compounds by GC/MS

Units:ug/L
Basis:NA

Lab Control Sample
RQ2416639-02

Analyte Name	Analytical Method	Result	Spike Amount	% Rec	% Rec Limits
1,1,1-Trichloroethane (TCA)	8260D	38.3	40.0	96	75-125
1,1,2,2-Tetrachloroethane	8260D	36.9	40.0	92	78-126
1,1,2-Trichloroethane	8260D	37.5	40.0	94	82-121
1,1,2-Trichloro-1,2,2-trifluoroethane	8260D	37.9	40.0	95	67-124
1,1-Dichloroethane (1,1-DCA)	8260D	39.4	40.0	99	80-124
1,1-Dichloroethene (1,1-DCE)	8260D	41.2	40.0	103	71-118
1,2,3-Trichlorobenzene	8260D	39.4	40.0	99	67-136
1,2,4-Trichlorobenzene	8260D	40.3	40.0	101	75-132
1,2,4-Trimethylbenzene	8260D	38.9	40.0	97	81-126
1,2-Dibromo-3-chloropropane (DBCP)	8260D	38.4	40.0	96	55-136
1,2-Dibromoethane	8260D	38.3	40.0	96	82-127
1,2-Dichlorobenzene	8260D	38.0	40.0	95	80-119
1,2-Dichloroethane	8260D	36.6	40.0	92	71-127
1,2-Dichloropropane	8260D	38.5	40.0	96	80-119
1,3,5-Trimethylbenzene	8260D	39.1	40.0	98	81-128
1,3-Dichlorobenzene	8260D	39.4	40.0	98	83-121
1,4-Dichlorobenzene	8260D	39.1	40.0	98	79-119
1,4-Dioxane	8260D	747	800	93	44-154
2-Butanone (MEK)	8260D	39.9	40.0	100	61-137
2-Hexanone	8260D	42.8	40.0	107	63-124
4-Isopropyltoluene	8260D	40.8	40.0	102	78-133
4-Methyl-2-pentanone	8260D	42.1	40.0	105	66-124
Acetone	8260D	37.0	40.0	92	40-161
Benzene	8260D	38.9	40.0	97	79-119
Bromochloromethane	8260D	39.5	40.0	99	81-126
Bromodichloromethane	8260D	38.0	40.0	95	81-123
Bromoform	8260D	39.3	40.0	98	65-146
Bromomethane	8260D	39.7	40.0	99	42-166
Carbon Disulfide	8260D	42.8	40.0	107	66-128
Carbon Tetrachloride	8260D	39.7	40.0	99	70-127
Chlorobenzene	8260D	38.5	40.0	96	80-121
Chloroethane	8260D	42.4	40.0	106	62-131
Chloroform	8260D	37.1	40.0	93	79-120

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QA/QC Report

Client: Labella Associates, PC
Project: Roblin/Alumax/2200014
Sample Matrix: Water

Service Request: R2413278
Date Analyzed: 12/31/24

Lab Control Sample Summary
Volatile Organic Compounds by GC/MS

Units:ug/L
Basis:NA

Lab Control Sample
RQ2416639-02

Analyte Name	Analytical Method	Result	Spike Amount	% Rec	% Rec Limits
Chloromethane	8260D	43.5	40.0	109	61-143
Cyclohexane	8260D	39.6	40.0	99	69-120
Dibromochloromethane	8260D	37.5	40.0	94	72-128
Dichlorodifluoromethane (CFC 12)	8260D	51.1	40.0	128	59-155
Dichloromethane	8260D	40.6	40.0	102	73-122
Ethylbenzene	8260D	41.0	40.0	103	76-120
Isopropylbenzene (Cumene)	8260D	42.2	40.0	106	77-128
Methyl Acetate	8260D	37.1	40.0	93	44-93
Methyl tert-Butyl Ether	8260D	36.8	40.0	92	75-118
Methylcyclohexane	8260D	41.2	40.0	103	51-129
Naphthalene	8260D	41.9	40.0	105	59-140
Styrene	8260D	40.0	40.0	100	80-124
Tetrachloroethene (PCE)	8260D	40.9	40.0	102	72-125
Toluene	8260D	39.8	40.0	99	79-119
Trichloroethene (TCE)	8260D	40.3	40.0	101	74-122
Trichlorofluoromethane (CFC 11)	8260D	37.0	40.0	93	71-136
Vinyl Chloride	8260D	44.4	40.0	111	74-159
cis-1,2-Dichloroethene	8260D	42.3	40.0	106	80-121
cis-1,3-Dichloropropene	8260D	40.5	40.0	101	77-122
m,p-Xylenes	8260D	79.2	80.0	99	80-126
n-Butylbenzene	8260D	41.3	40.0	103	78-133
n-Propylbenzene	8260D	40.0	40.0	100	78-131
o-Xylene	8260D	39.7	40.0	99	79-123
sec-Butylbenzene	8260D	40.2	40.0	101	75-129
tert-Butylbenzene	8260D	39.0	40.0	98	76-126
trans-1,2-Dichloroethene	8260D	37.4	40.0	93	73-118
trans-1,3-Dichloropropene	8260D	40.7	40.0	102	71-133

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QA/QC Report

Client:	Labella Associates, PC	**Service Request:**	R2413278
Project:	Roblin/Alumax/2200014	**Date Analyzed:**	12/31/24 10:47
Sample Matrix:	Water	**Date Extracted:**	

Lab Control Sample Summary
Volatile Organic Compounds by GC/MS

Sample Name:	Lab Control Sample	**Instrument ID:**	R-MS-10
Lab Code:	RQ2416664-02	**File ID:**	I:\ACQUDATA\msvoa10\data\123124\E0385.D\
Analysis Method:	8260D	**Analysis Lot:**	865794
Prep Method:	EPA 5030C		

This Lab Control Sample applies to the following analyses.

Sample Name	Lab Code	File ID	Date Analyzed
Method Blank	RQ2416664-03	I:\ACQUDATA\msvoa10\data\123124\E0388.D\	12/31/24 12:08
MW-04	R2413278-009	I:\ACQUDATA\msvoa10\data\123124\E0391.D\	12/31/24 13:16
DUP	R2413278-010	I:\ACQUDATA\msvoa10\data\123124\E0392.D\	12/31/24 13:39
MW-09R	R2413278-011	I:\ACQUDATA\msvoa10\data\123124\E0393.D\	12/31/24 14:02
AL-1	R2413278-002	I:\ACQUDATA\msvoa10\data\123124\E0394.D\	12/31/24 14:24
EX-MW-11R	R2413278-004	I:\ACQUDATA\msvoa10\data\123124\E0395.D\	12/31/24 14:47
MW-07R	R2413278-008	I:\ACQUDATA\msvoa10\data\123124\E0396.D\	12/31/24 15:10

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QA/QC Report

Client: Labella Associates, PC
Project: Roblin/Alumax/2200014
Sample Matrix: Water

Service Request: R2413278
Date Analyzed: 12/31/24

Lab Control Sample Summary
Volatile Organic Compounds by GC/MS

Units:ug/L
Basis:NA

Lab Control Sample
RQ2416664-02

Analyte Name	Analytical Method	Result	Spike Amount	% Rec	% Rec Limits
1,1,1-Trichloroethane (TCA)	8260D	19.5	20.0	98	75-125
1,1,2,2-Tetrachloroethane	8260D	17.1	20.0	85	78-126
1,1,2-Trichloroethane	8260D	20.0	20.0	100	82-121
1,1,2-Trichloro-1,2,2-trifluoroethane	8260D	19.6	20.0	98	67-124
1,1-Dichloroethane (1,1-DCA)	8260D	21.3	20.0	106	80-124
1,1-Dichloroethene (1,1-DCE)	8260D	21.1	20.0	106	71-118
1,2,3-Trichlorobenzene	8260D	19.5	20.0	97	67-136
1,2,4-Trichlorobenzene	8260D	20.3	20.0	102	75-132
1,2,4-Trimethylbenzene	8260D	20.3	20.0	101	81-126
1,2-Dibromo-3-chloropropane (DBCP)	8260D	16.9	20.0	84	55-136
1,2-Dibromoethane	8260D	19.4	20.0	97	82-127
1,2-Dichlorobenzene	8260D	19.6	20.0	98	80-119
1,2-Dichloroethane	8260D	19.1	20.0	95	71-127
1,2-Dichloropropane	8260D	20.2	20.0	101	80-119
1,3,5-Trimethylbenzene	8260D	20.7	20.0	104	81-128
1,3-Dichlorobenzene	8260D	20.3	20.0	102	83-121
1,4-Dichlorobenzene	8260D	20.6	20.0	103	79-119
1,4-Dioxane	8260D	343	400	86	44-154
2-Butanone (MEK)	8260D	18.2	20.0	91	61-137
2-Hexanone	8260D	17.6	20.0	88	63-124
4-Isopropyltoluene	8260D	20.8	20.0	104	78-133
4-Methyl-2-pentanone	8260D	18.5	20.0	93	66-124
Acetone	8260D	16.6	20.0	83	40-161
Benzene	8260D	20.4	20.0	102	79-119
Bromochloromethane	8260D	21.2	20.0	106	81-126
Bromodichloromethane	8260D	19.6	20.0	98	81-123
Bromoform	8260D	19.4	20.0	97	65-146
Bromomethane	8260D	22.4	20.0	112	42-166
Carbon Disulfide	8260D	22.8	20.0	114	66-128
Carbon Tetrachloride	8260D	20.7	20.0	104	70-127
Chlorobenzene	8260D	20.3	20.0	102	80-121
Chloroethane	8260D	21.8	20.0	109	62-131
Chloroform	8260D	19.4	20.0	97	79-120

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Superset Reference:25-0000720016 rev 00

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QA/QC Report

Client: Labella Associates, PC
Project: Roblin/Alumax/2200014
Sample Matrix: Water

Service Request: R2413278
Date Analyzed: 12/31/24

Lab Control Sample Summary
Volatile Organic Compounds by GC/MS

Units:ug/L
Basis:NA

Lab Control Sample
RQ2416664-02

Analyte Name	Analytical Method	Result	Spike Amount	% Rec	% Rec Limits
Chloromethane	8260D	22.2	20.0	111	61-143
Cyclohexane	8260D	21.2	20.0	106	69-120
Dibromochloromethane	8260D	18.8	20.0	94	72-128
Dichlorodifluoromethane (CFC 12)	8260D	25.4	20.0	127	59-155
Dichloromethane	8260D	22.3	20.0	112	73-122
Ethylbenzene	8260D	20.9	20.0	105	76-120
Isopropylbenzene (Cumene)	8260D	22.1	20.0	110	77-128
Methyl Acetate	8260D	17.1	20.0	86	44-93
Methyl tert-Butyl Ether	8260D	18.5	20.0	93	75-118
Methylcyclohexane	8260D	21.7	20.0	109	51-129
Naphthalene	8260D	19.2	20.0	96	59-140
Styrene	8260D	20.5	20.0	103	80-124
Tetrachloroethene (PCE)	8260D	20.9	20.0	105	72-125
Toluene	8260D	21.3	20.0	107	79-119
Trichloroethene (TCE)	8260D	20.7	20.0	103	74-122
Trichlorofluoromethane (CFC 11)	8260D	19.8	20.0	99	71-136
Vinyl Chloride	8260D	22.7	20.0	114	74-159
cis-1,2-Dichloroethene	8260D	22.3	20.0	111	80-121
cis-1,3-Dichloropropene	8260D	20.4	20.0	102	77-122
m,p-Xylenes	8260D	41.1	40.0	103	80-126
n-Butylbenzene	8260D	21.3	20.0	106	78-133
n-Propylbenzene	8260D	20.2	20.0	101	78-131
o-Xylene	8260D	20.5	20.0	102	79-123
sec-Butylbenzene	8260D	20.4	20.0	102	75-129
tert-Butylbenzene	8260D	20.1	20.0	100	76-126
trans-1,2-Dichloroethene	8260D	19.4	20.0	97	73-118
trans-1,3-Dichloropropene	8260D	20.2	20.0	101	71-133

Client: Labella Associates, PC
Project: Roblin/Alumax/2200014

Service Request:R2413278
Date Analyzed:12/30/24 21:26

Tune Summary
Volatile Organic Compounds by GC/MS

File ID: I:\ACQUDATA\msvoa10\data\123024\E0353.D\
Instrument ID: R-MS-10

Analytical Method: 8260D
Analysis Lot: 865678

Sample Name	Lab Code	File ID:	Date Analyzed:	Q
Continuing Calibration Verification	RQ2416639-01	I:\ACQUDATA\msvoa10\data\123024\E0353.D\	12/30/24 21:26	
Method Blank	RQ2416639-03	I:\ACQUDATA\msvoa10\data\123024\E0357.D\	12/30/24 22:57	
Trip Blank	R2413278-012	I:\ACQUDATA\msvoa10\data\123024\E0367.D\	12/31/24 02:45	
AL-7	R2413278-001	I:\ACQUDATA\msvoa10\data\123024\E0368.D\	12/31/24 03:08	
AL-2	R2413278-003	I:\ACQUDATA\msvoa10\data\123024\E0369.D\	12/31/24 03:31	
EX-MW-12	R2413278-005	I:\ACQUDATA\msvoa10\data\123024\E0370.D\	12/31/24 03:54	
MW-02R	R2413278-006	I:\ACQUDATA\msvoa10\data\123024\E0371.D\	12/31/24 04:16	
MW-13	R2413278-007	I:\ACQUDATA\msvoa10\data\123024\E0372.D\	12/31/24 04:39	
MW-07R	R2413278-008	I:\ACQUDATA\msvoa10\data\123024\E0373.D\	12/31/24 05:02	
EX-MW-11R	R2413278-004	I:\ACQUDATA\msvoa10\data\123024\E0377.D\	12/31/24 06:33	
Lab Control Sample	RQ2416639-02	I:\ACQUDATA\msvoa10\data\123024\E0381.D\	12/31/24 08:04	

Client: Labella Associates, PC
Project: Roblin/Alumax/2200014

Service Request:R2413278
Date Analyzed:12/31/24 10:12

Tune Summary
Volatile Organic Compounds by GC/MS

File ID: I:\ACQUDATA\msvoa10\data\123124\E0384.D\
Instrument ID: R-MS-10

Analytical Method: 8260D
Analysis Lot: 865794

Sample Name	Lab Code	File ID:	Date Analyzed:	Q
Continuing Calibration Verification	RQ2416664-01	I:\ACQUDATA\msvoa10\data\123124\E0384.D\	12/31/24 10:12	
Lab Control Sample	RQ2416664-02	I:\ACQUDATA\msvoa10\data\123124\E0385.D\	12/31/24 10:47	
Method Blank	RQ2416664-03	I:\ACQUDATA\msvoa10\data\123124\E0388.D\	12/31/24 12:08	
MW-04	R2413278-009	I:\ACQUDATA\msvoa10\data\123124\E0391.D\	12/31/24 13:16	
DUP	R2413278-010	I:\ACQUDATA\msvoa10\data\123124\E0392.D\	12/31/24 13:39	
MW-09R	R2413278-011	I:\ACQUDATA\msvoa10\data\123124\E0393.D\	12/31/24 14:02	
AL-1	R2413278-002	I:\ACQUDATA\msvoa10\data\123124\E0394.D\	12/31/24 14:24	
EX-MW-11R	R2413278-004	I:\ACQUDATA\msvoa10\data\123124\E0395.D\	12/31/24 14:47	
MW-07R	R2413278-008	I:\ACQUDATA\msvoa10\data\123124\E0396.D\	12/31/24 15:10	

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QA/QC Report

Client: Labella Associates, PC
Project: Roblin/Alumax/2200014

Service Request: R2413278
Date Analyzed: 12/30/24 21:26

Internal Standard Area and RT Summary
Volatile Organic Compounds by GC/MS

File ID: I:\ACQUDATA\msvoa10\data\123024\E0353.D\
Instrument ID: R-MS-10
Analytical Method: 8260D

Lab Code: RQ2416639-01
Analysis Lot: 865678
Signal ID: 1

		1,4-Dichlorobenzene-d4		1,4-Difluorobenzene		Chlorobenzene-d5	
		Area	RT	Area	RT	Area	RT
	Results ==>	233,098	12.01	516,296	6.73	448,485	9.98
	Upper Limit ==>	466,196	12.18	1,032,592	6.90	896,970	10.15
	Lower Limit ==>	116,549	11.84	258,148	6.56	224,243	9.81
	ICAL Result ==>	252,512	12.01	588,458	6.73	507,207	9.98
Associated Analyses							
Method Blank	RQ2416639-03	209,730	12.01	512,456	6.73	443,157	9.98
Trip Blank	R2413278-012	212,270	12.01	506,980	6.73	442,324	9.98
AL-7	R2413278-001	201,677	12.01	492,059	6.73	425,520	9.98
AL-2	R2413278-003	214,335	12.01	512,126	6.73	438,084	9.98
EX-MW-12	R2413278-005	208,145	12.01	495,369	6.73	433,688	9.98
MW-02R	R2413278-006	222,396	12.01	524,428	6.73	452,657	9.98
MW-13	R2413278-007	208,218	12.01	512,846	6.73	444,883	9.98
MW-07R	R2413278-008	202,705	12.01	503,236	6.73	435,546	9.98
EX-MW-11R	R2413278-004	208,728	12.01	513,729	6.73	445,140	9.98
Lab Control Sample	RQ2416639-02	224,012	12.01	523,926	6.73	451,308	9.98

Results flagged with an asterisk (*) indicate values outside control criteria.

66

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QA/QC Report

Client: Labella Associates, PC
Project: Roblin/Alumax/2200014

Service Request: R2413278
Date Analyzed: 12/30/24 21:26

Internal Standard Area and RT Summary
Volatile Organic Compounds by GC/MS

File ID: I:\ACQUDATA\msvoa10\data\123024\E0353.D\
Instrument ID: R-MS-10
Analytical Method: 8260D

Lab Code: RQ2416639-01
Analysis Lot: 865678
Signal ID: 1

		Pentafluorobenzene	
		Area	RT
	Results ==>	299,764	5.69
	Upper Limit ==>	599,528	5.86
	Lower Limit ==>	149,882	5.52
	ICAL Result ==>	334,736	5.69
Associated Analyses			
Method Blank	RQ2416639-03	298,617	5.69
Trip Blank	R2413278-012	296,611	5.69
AL-7	R2413278-001	286,493	5.69
AL-2	R2413278-003	293,900	5.69
EX-MW-12	R2413278-005	291,275	5.69
MW-02R	R2413278-006	309,970	5.69
MW-13	R2413278-007	293,002	5.69
MW-07R	R2413278-008	294,105	5.69
EX-MW-11R	R2413278-004	296,275	5.69
Lab Control Sample	RQ2416639-02	303,873	5.69

67

Results flagged with an asterisk (*) indicate values outside control criteria.

Client: Labella Associates, PC
Project: Roblin/Alumax/2200014

Service Request:R2413278
Date Analyzed:12/31/24 10:12

Internal Standard Area and RT SUMMARY
Volatile Organic Compounds by GC/MS

File ID: I:\ACQUDATA\msvoa10\data\123124\E0384.D\
Instrument ID: R-MS-10
Analysis Method: 8260D

Lab Code:RQ2416664-01
Analysis Lot:865794
Signal ID:1

		1,4-Dichlorobenzene-d4		1,4-Difluorobenzene		Chlorobenzene-d5	
		Area	**RT**	**Area**	**RT**	**Area**	**RT**
	Result ==>	239,427	12.01	541,468	6.73	473,974	9.98
	Upper Limit ==>	478,854	12.18	1,082,936	6.90	947,948	10.15
	Lower Limit ==>	119,714	11.84	270,734	6.56	236,987	9.81
Associated Analyses							
Lab Control Sample	RQ2416664-02	230367	12.01	527591	6.73	462944	9.98
Method Blank	RQ2416664-03	218027	12.01	530450	6.73	456619	9.98
MW-04	R2413278-009	213539	12.01	511027	6.73	444945	9.98
DUP	R2413278-010	218287	12.01	520515	6.73	449809	9.98
MW-09R	R2413278-011	205555	12.01	499715	6.73	431787	9.98
AL-1	R2413278-002	217143	12.01	520155	6.73	453483	9.98
EX-MW-11R	R2413278-004	228526	12.01	538433	6.73	462218	9.98
MW-07R	R2413278-008	208392	12.01	501308	6.73	433935	9.98

Client: Labella Associates, PC
Project: Roblin/Alumax/2200014

Service Request:R2413278
Date Analyzed:12/31/24 10:12

Internal Standard Area and RT SUMMARY
Volatile Organic Compounds by GC/MS

File ID: I:\ACQUDATA\msvoa10\data\123124\E0384.D\
Instrument ID: R-MS-10
Analysis Method: 8260D

Lab Code:RQ2416664-01
Analysis Lot:865794
Signal ID:1

		Pentafluorobenzene	
		Area	**RT**
	Result ==>	316,237	5.69
	Upper Limit ==>	632,474	5.86
	Lower Limit ==>	158,119	5.52
Associated Analyses			
Lab Control Sample	RQ2416664-02	302641	5.69
Method Blank	RQ2416664-03	309415	5.69
MW-04	R2413278-009	293706	5.69
DUP	R2413278-010	304548	5.69
MW-09R	R2413278-011	290978	5.69
AL-1	R2413278-002	304088	5.69
EX-MW-11R	R2413278-004	316135	5.69
MW-07R	R2413278-008	293824	5.69