February 11, 2025

Mr. Stephen Colquhoun
Division of Environmental Remediation
New York State Department of Environmental Conservation
5786 Widewaters Parkway
Syracuse, NY 13214

Submitted electronically *stephen.colquhoun@dec.ny.gov*

Subject: **Groundwater Monitoring Report – 2024 Event**
Lee Avenue Railroad Area
Norwich, New York
NYSDEC #709014

Dear Mr. Colquhoun:

EHS Support LLC ("EHS Support") has prepared the enclosed *Groundwater Monitoring Report – 2024 Event* for the Lee Avenue Railroad Area Site in Norwich, New York ("the Site"), on behalf of Hercules LLC ("Hercules," a wholly owned subsidiary of Ashland Inc.), pursuant to the Record of Decision (ROD) issued by the New York State Department of Environmental Conservation (NYSDEC) on March 31, 2017. The ROD was issued in accordance with the Order on Consent and Administrative Settlement Section III, executed on July 10, 2012, between NYSDEC and Hercules (Index #R7-0787-12-06).

Annual groundwater monitoring was performed in November 2024, consistent with the following NYSDEC-approved documents:[1,2]

- *Site Management Plan (SMP);*
- *Groundwater Field Activities Plan (Appendix J to the SMP);*
- *Quality Assurance Project Plan (Appendix I to the SMP); and*
- *Proposed SMP updates letter dated August 9, 2023.*

The scope of groundwater monitoring through 2022 was detailed in the SMP, which was approved in March 2021 by NYSDEC and the New York State Department of Health (NYSDOH), collectively "the State." The State approved the revised groundwater monitoring scope for the period of 2023 through 2027 on October 3, 2023. These approved revisions were reflected in an updated SMP submitted to the State on January 17, 2025, and currently under review. The next round of groundwater monitoring at the Site is planned for Fall 2025, and the next *Groundwater Monitoring Report* will be submitted to the NYSDEC in March 2026.

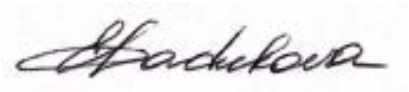
If you have any questions or would like to discuss this report, please contact Elena Dadukova at 302-440-4401.

[1] EHS Support LLC. 2021. Site Management Plan. February 26.
[2] EHS Support LLC. 2023. Proposed Site Management Plan Updates. August 9.

Mr. Stephen Colquhoun
Groundwater Monitoring Report – 2024 Event
February 11, 2025

I, Elena Dadukova, P.E., certify that I am currently a Qualified Environmental Professional as defined in 6 NYCRR Part 375 and that this *Groundwater Monitoring Report* dated March 2024 for the Lee Avenue Railroad Area located in Norwich, New York, was prepared in accordance with all applicable statutes and regulations and with DER *Technical Guidance for Site Investigation and Remediation* (DER-10).

Regards,



Elena Dadukova, P.E.
Delaware Professional Engineer No. 23589
EHS Support LLC

cc: Christopher Budd, New York State Department of Health
Danielle Gugliemotto, Hercules LLC
Cassie Johnson, EHS Support LLC
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Meredith Duncan, EHS Support LLC

Enclosure

Enclosure

Groundwater Monitoring Report

2024 Event

Lee Avenue Railroad Area

Norwich, NY

Prepared for:

HERCULES

Prepared by:

EHS Support℠

February 2025

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Acronyms

µg/L	microgram per liter
bgs	below ground surface
CCIDA	Chenango County Industrial Development Authority
cis-1,2-DCE	cis-1,2-dichloroethene
COC	constituent of concern
CVOC	chlorinated volatile organic compound
DO	dissolved oxygen
DER	Division of Environmental Remediation
EDD	electronic data deliverable
FER	Final Engineering Report
GWMR	Groundwater Monitoring Report
MS/MSD	matrix spike/matrix spike duplicate
NGVD29	National Geodetic Vertical Datum of 1929
NYS&W	New York Susquehanna and Western
NYSDEC	New York State Department of Environmental Conservation
NYSDOH	New York State Department of Health
ORP	oxidation-reduction potential
QA/QC	quality assurance/quality control
QAPP	Quality Assurance Project Plan
RI	remedial investigation
RIR	Remedial Investigation Report
ROD	Record of Decision
SMP	Site Management Plan
SSDS	sub-slab depressurization system
TCE	trichloroethylene
USEPA	United States Environmental Protection Agency
USGS	United States Geological Survey
VI	vapor intrusion
VOC	volatile organic compound

Executive Summary

This Groundwater Monitoring Report (GWMR) presents groundwater monitoring data for the Lee Avenue Railroad Area, located adjacent to 1-11 Lee Avenue in Norwich, New York ("Site"). EHS Support LLC ("EHS Support") is submitting this report to the New York State Department of Environmental Conservation (NYSDEC) on behalf of Hercules LLC ("Hercules"), a wholly owned subsidiary of Ashland Inc. Sampling was conducted pursuant to the Record of Decision (ROD) issued by NYSDEC on March 31, 2017. The ROD was issued in accordance with the Order on Consent and Administrative Settlement Section III, executed on July 10, 2012, between NYSDEC and Hercules (Index #R7-0787-12-06).

Groundwater monitoring has been performed on an annual basis between 2017 and 2024 in accordance with the following NYSDEC-approved documents:

- *Remedial Action Work Plan* (EHS Support, 2017)
- *Interim Groundwater Monitoring Plan – Source Area* (EHS Support, 2018a)
- *Groundwater Monitoring Plan for the Source and Dilute-Plume Areas* (EHS Support, 2019)
- *Groundwater Field Activities Plan* (EHS Support, 2021a)
- *Quality Assurance Project Plan* (EHS Support, 2021b)
- *Site Management Plan* (SMP; EHS Support, 2021c)

The scope of groundwater monitoring through 2022 was detailed in the SMP, which was approved in March 2021 by NYSDEC and the New York State Department of Health (NYSDOH; collectively "the State"). Proposed updates to the SMP, including a revised scope for groundwater monitoring that will take place from 2023 through 2027, were submitted in a letter to the State on August 9, 2023 (EHS Support, 2023b). The State approved the groundwater monitoring approach on October 3, 2023. These approved revisions were reflected in an updated SMP (EHS Support, 2024b) submitted to the State on January 17, 2025.

The post-remediation groundwater data to date show degradation of trichloroethylene (TCE) in the Near-Source Area Monitoring Network, as well as decreased concentrations of TCE in the Downgradient Dilute-Plume Monitoring Network, compared with the baseline groundwater data. In both the Near-Source Area Monitoring Network and the Downgradient Dilute-Plume Monitoring Network, TCE concentrations are now typically an order of magnitude lower than concentrations prior to the excavation activities and implementation of *in situ* enhanced bioremediation in 2018. Notably, reductions in TCE concentrations have decreased the size of the TCE plume from 55 acres in 2017 to 3.5 acres in 2024 – a reduction of over 90 percent.

1 Introduction

This Groundwater Monitoring Report (GWMR) presents sampling data collected in 2024 and an assessment of the data collected from 2017 to 2024 for the Lee Avenue Railroad Area Site, located adjacent to 1-11 Lee Avenue in Norwich, New York ("Site"; **Figure 1**). EHS Support LLC ("EHS Support") is submitting this report to the New York State Department of Environmental Conservation (NYSDEC) on behalf of Hercules LLC ("Hercules," a wholly owned subsidiary of Ashland Inc.).

A five-year groundwater monitoring program was implemented to monitor the effectiveness of remediation activities performed in 2018 (excavation and *in situ* bioremediation), to foster continued degradation of chlorinated volatile organic compounds (CVOCs) associated with the Site. Groundwater monitoring was performed annually between 2017 and 2024 in accordance with the sampling program presented in the following NYSDEC-approved documents:

- *Remedial Action Work Plan* (EHS Support, 2017)
- *Interim Groundwater Monitoring Plan – Source Area* (EHS Support, 2018a)
- *Groundwater Monitoring Plan for the Source and Dilute-Plume Areas* (EHS Support, 2019)
- *Groundwater Field Activities Plan* (EHS Support, 2021a)
- *Quality Assurance Project Plan* (QAPP; EHS Support, 2021b)
- *2021 Site Management Plan* (SMP; EHS Support, 2021c)
- *Proposed SMP Updates letter* (EHS Support, 2023b)

Site description is provided in **Section 1.1**. A summary of previous investigations is provided in **Section 1.2.1**. A summary of the remedial actions completed at the Site in 2018 is provided in **Section 1.2.2**, and a summary of the groundwater monitoring activity is provided in **Section 1.2.3**. A discussion of the environmental setting, including the Site geology and hydrogeology, is provided in **Section 2**. Details regarding field activities and quality control sampling, laboratory methods, water quality, and data validation are provided in **Section 3**. Sample analytical results and comparison to criteria are discussed in **Section 4**. The next steps are summarized in **Section 5**, and a list of documents referenced in this report is provided in **Section 6**.

1.1 Site Description

As discussed in the Remedial Investigation Report (RIR; EHS Support, 2014), three primary areas of investigation were established:

1) The Site (Lee Avenue Railroad Area)
2) The Lee Avenue Plant (1-11 Lee Avenue)
3) The residential/commercial community east and southeast of the Site (the Investigation Study Area)

These areas are shown in **Figure 2**.

The Site is located in a railroad right-of-way owned by the Chenango County Industrial Development Authority (CCIDA). The Site is an approximately 3-acre area and includes a single rail line running north–south with no physical building structures. The Site is zoned industrial and is currently operated by the New York Susquehanna and Western (NYS&W) Railway Corporation.

The Site is bound to the north and south by CCIDA property operated by NYS&W Railway Corporation, to the east by mixed industrial and residential properties, and to the west by residential properties. The Site is bisected east–west by Rexford Street (**Figure 2**), is approximately 1,750 feet west of the Chenango River, and is less than half a mile north of the city center.

1.2 Previous Activities

Investigations and remediation were performed to address trichloroethylene (TCE) as the primary constituent of concern (COC) for the Site and Investigation Study Area. Investigations began in 2004 for groundwater, soil, and soil vapor. Remediation activities addressed all media (i.e., implementation of enhanced *in situ* bioremediation for groundwater, excavation for soil, and installation of sub-slab depressurization systems [SSDS] for soil vapor).

As detailed in the RIR (EHS Support, 2014), Hercules conducted the initial phases of Site assessment, environmental investigation, soil remediation, and performance monitoring between 1991 and 1997. From 2004 through 2012, NYSDEC and the New York State Department of Health (NYSDOH; together referred to as "the State") undertook efforts to assess groundwater and vapor intrusion at the Site and off-site properties to the east and southeast of the Site. The results of these assessments identified soil vapor intrusion as a potentially complete exposure pathway. No other direct routes of exposure to groundwater impacts were identified by the State.

Hercules then entered into an Order on Consent and Administrative Settlement ("Order"), in which Hercules agreed to conduct further groundwater delineation, vapor assessment, and mitigation. The Order was executed on July 10, 2012, between NYSDEC and Hercules (Index #R7-0787-12-06; NYSDEC, 2012). The purpose of the Order was to identify the nature and extent of TCE impacts migrating from the Site. Hercules's *Remedial Investigation/Feasibility Study Workplan* (EHS Support, 2012) was conditionally approved by the State on October 11, 2012. Additional scopes of work were approved by the State on February 8, 2013. NYSDEC issued the Record of Decision (ROD) for the Site on March 31, 2017 (NYSDEC, 2017). Additional details regarding the Site history and setting were provided in the 2021 SMP (EHS Support, 2021c).

1.2.1 Previous Investigations

Soil and groundwater results collected as part of the remedial investigation (RI) were generally consistent with historical data in both distribution and magnitude (EHS Support, 2014). These results support the conceptualization of historical release mechanisms (i.e., that subsurface impacts are due to a series of short-duration, relatively small-volume releases over a long period of time that contribute to impacts within the shallow soils and weathered shale bedrock at the Site). Investigation efforts confirmed that the primary COC in the Site's impacted media is TCE. Remaining volatile organic compound (VOC) impacts, including chlorinated solvents and aromatic hydrocarbons (i.e., 1,1,1-trichloroethane, cis-1,2-dichloroethene [cis-1,2-DCE], and tetrachloroethene) were present in discrete locations in the immediate Site vicinity and were not determined to drive risk evaluation and remedy selection. No continuing releases were identified at the Site.

Based on groundwater flow and contaminant distribution, the shallow fractured bedrock was determined to belong to the Perched Zone hydrostratigraphic unit, not the Shale Bedrock; therefore, the primary hydrostratigraphic units of interest are the Perched Zone and the Unconfined Aquifer.

Groundwater and surface water gauging efforts were successful in verifying the regional direction of groundwater flow to the east-southeast and establishing the Chenango River as the discharge point for groundwater within the Investigation Study Area. A potentiometric surface map from the RIR is included in **Figure 3**, and additional Site geology and hydrogeology information is presented in **Section 2.1** and **Section 2.2**, respectively.

The horizontal and vertical extent of groundwater impacts were well defined. TCE concentrations were determined to be stable or decreasing, with the bedrock groundwater contaminant plume being stable. Sequential degradation of both chloroethenes and chloroethanes, the presence of available energy sources, and favorable geochemical conditions supported the prospect for continued long-term contaminant mass reduction through natural means within the shallow fractured bedrock. The maximum concentration of TCE in groundwater on-site was 70,000 micrograms per liter (µg/L) in Perched Zone well URS-3R in August 2011, with TCE concentrations in groundwater rapidly attenuating within the Investigation Study Area (EHS Support, 2014).

1.2.2 Remedial Actions

A *Feasibility Study Report* was prepared to assess remedies for VOCs in soil and groundwater (EHS Support, 2016), followed by a *Remedial Action Work Plan* (EHS Support, 2017). Remedial actions for soil and groundwater were implemented in 2018. The remediation activities were summarized in Quarterly Progress Reports submitted to NYSDEC in May 2018 (EHS Support, 2018b) and August 2018 (EHS Support, 2018c), with final documentation provided in the Final Engineering Report (FER; EHS Support, 2022b). Hercules submitted a revised FER in December 2024 and are awaiting NYSDEC approval.

The remedial action for on-site soil included the excavation and off-site disposal of accessible soils that exceeded the protection of groundwater soil cleanup objectives as defined by the New York Codes, Rules and Regulations[1] for those VOC constituents found in groundwater above standards. Soil was excavated vertically to the top of bedrock from an area on the east side of the railroad right-of-way.

Enhanced *in situ* bioremediation was implemented as the remedy for VOCs in groundwater in 2018, per the *Remedial Action Work Plan* (EHS Support, 2017). Groundwater remediation consisted of gravity-fed emplacement of a solution of emulsified vegetable oil, consisting of Newman Zone High Retention Oil™ and associated amendments, into five injection wells at the Site.

1.2.3 Groundwater Monitoring

The groundwater monitoring well network includes on-site wells that monitor the immediate vicinity of the Near-Source Area and historical releases, and subsequent excavation and injection remedies. One upgradient well is included in the off-site network. The remaining off-site locations are generally downgradient wells screened in the unconfined alluvial aquifer on the Lee Avenue Plant site and in the downgradient Vapor Intrusion (VI) Evaluation Area.

The post-remediation groundwater sampling network, monitored from 2018 through 2022, was based on analytical results and the horizontal and vertical location of monitoring wells within the network.

[1] Title 6, Part 375-6.8

Wells were included in the sampling program if the 2011, 2013, and 2017 groundwater data exceeded NYSDEC Class GA Groundwater Quality Standards[2] or if the well was incorporated in the post-remedial action *in situ* bioremediation evaluation. Wells were excluded from monitoring if previous monitoring events yielded results below Class GA Groundwater Quality Standards or if they provided duplicate data.

Post-remediation groundwater monitoring events through 2022 are reported in the *GWMR 2017–2020 Events* (EHS Support, 2021d), the *GWMR – 2021 Event* (EHS Support, 2022a), and the *GWMR – 2022 Event* (EHS Support, 2023a). The baseline and five post-remediation monitoring events included in these reports are as follows:

- July 2017 Pre-remediation "baseline event" – 38 wells
- October–November 2018 (three months after remediation) – 7 wells
- June 2019 (one year after remediation) – 22 wells
- September 2020 (two years after remediation) – 22 wells
- August 2021 (three years after remediation) – 22 wells
- October 2022 (four years after remediation) – 22 wells

A second five-year monitoring period began in 2023 with continued groundwater monitoring activities to monitor the continued effectiveness of *in situ* bioremediation and evaluate groundwater conditions within the VI Evaluation Area per the *Proposed SMP Updates* letter (EHS Support, 2023b). The November 2023 event is documented in the *GWMR – 2023 Event* (EHS Support, 2024a). **Table 1** outlines the post-remediation groundwater sampling plan and schedule through 2027. The November 2024 groundwater monitoring event is detailed in **Section 3** and **Section 4**.

Groundwater monitoring events from 2018 to 2023 confirmed that after six years, the remedy is performing as expected, with a significant reduction of TCE observed throughout the Site. As presented in the GWMR – 2022 Event (EHS Support, 2023a), geochemical conditions and microbial measurements at the Site remain favorable for continued detoxification of chlorinated ethenes. Microbial parameters and geochemical field parameters were not evaluated in 2023 or 2024, in accordance with the Proposed SMP Updates letter (EHS Support, 2023b). The full microbial evaluation is provided in the GWMR 2017–2020 (EHS Support, 2021d). The full bioremediation performance assessment is presented in the GWMR – 2022 Event (EHS Support, 2023a).

[2] Class A groundwater standard established for potable water.

2 Environmental Setting

This section summarizes the geologic and hydrogeologic settings at the Site. In-depth review and evaluation of the Site's geologic and hydrogeologic setting were presented in the RIR (EHS Support, 2014) and the 2021 SMP (EHS Support, 2021c).

2.1 Site Geology

Chenango County is located within the northern Appalachian Plateau physiographic province and is characterized by relatively flat-lying sedimentary strata incised by glacially deepened north–south trending valleys and adjacent uplands. As the glaciers retreated, glacial valleys in-filled with glacial and post-glacial deposits. The glacial deposits have subsequently been reworked and overlain by more recent alluvial deposits associated with present-day streams and rivers (United States Geological Survey [USGS], 2003).

Alluvial deposits range from less than 2 feet thick beneath the Site to over 30 feet thick within the center of the valley near the Chenango River. Within the Site vicinity, alluvial deposits appear to be reworked, and some fill material was noted to be directly on top of the low-permeability shale and siltstone, with a bedrock outcrop immediately west of the railroad tracks. The erosional bedrock surface dips approximately 3 to 5 degrees beneath the railroad and more steeply moving east. The uppermost 2 to 5 feet of bedrock beneath the Site appears to be highly weathered and fractured, followed by gradually more competent, less fractured rock to a depth of approximately 30 feet below ground surface (bgs), where relatively unfractured shale was encountered.

East of the Site, recent alluvial deposits are generally underlain by low-permeability glaciolacustrine sediments consisting predominantly of clay and silt. Although these fine-grained deposits are absent beneath the Site, the deposits increase to almost 400 feet thick moving eastward into the center of the valley (USGS, 2003). The surface of the clay and silt unit is slightly undulating, but generally dips toward the Chenango River.

2.2 Site Hydrogeology

An overview of the five primary hydrostratigraphic units of interest as discussed in the RIR (EHS Support, 2014) follows. Groundwater elevation data and a groundwater contour map of the unconfined aquifer are shown in **Figure 3**.

1. **Perched Zone** – Groundwater within the thin veneer of reworked alluvial sediments and fill material resting directly on the bedrock beneath the western portion of the Site. Depth to water has been recorded at approximately 3 to 6 feet bgs and is believed to be a localized, potentially sporadic accumulation of infiltrated rainwater within a depression in the bedrock surface. Based on the perceived localized nature of the Perched Zone, groundwater flow is expected to be primarily vertical into the underlying fractured bedrock and is not considered to be substantially connected to the Unconfined Aquifer present in the alluvial sand and gravel to the east.
2. **Unconfined Aquifer** – Groundwater within the alluvial sand and gravel east of the Site generally follows the topography and flows radially away from the Site to the northeast, east, and southeast toward the Chenango River, where it discharges. Depth to water has been recorded at approximately 7 to 15 feet bgs with an average hydraulic gradient, calculated between URS-4S and URS-13, of 0.007. The hydraulic gradient flattens to the east as groundwater flows toward

the Chenango River. Regional groundwater contour maps support the localized observations and suggest that the overall groundwater flow direction within the Site vicinity is southeast toward the Chenango River (USGS, 2003). The Unconfined Aquifer is not used as a groundwater resource in the City of Norwich (City of Norwich, 2023).

3. **Silt/Clay Confining Unit** – The low-permeability sediments of glaciolacustrine deposits act as the aquitard separating the overlying Unconfined Aquifer from the underlying Confined Aquifer. It is included as a hydrostratigraphic unit of interest from a contaminant transport perspective.
4. **Glacial Confined Aquifer** – Groundwater within the discontinuous outwash deposits generally located within the center of the Chenango River Valley. Regionally, this Confined Aquifer is bound by the bedrock valley and overlying glaciolacustrine deposits. The Confined Aquifer is believed to be hydraulically isolated from the Unconfined Aquifer. Regional water resource maps indicate that the saturated thickness of this Confined Aquifer ranges from less than 1 foot within the Investigation Study Area to more than 200 feet north of the City of Norwich (USGS, 2003). The Confined Aquifer is the primary groundwater resource for water supply in the City of Norwich (City of Norwich, 2023). Supply Wells #3 and #4 are screened within this Confined Aquifer and are located to the north of Norwich along the west bank of the Chenango River (**Figure 1**).
5. **Shale Bedrock Confined Aquifer** – Hydrostratigraphic unit of interest from a contaminant transport perspective, especially in the upper weathered and fractured zones underlying the Site. As shown on the groundwater contour map (**Figure 3**), groundwater elevations measured in the Shale Bedrock monitoring wells vary greatly from well to well (approximately 3 to 12 feet bgs), which is not uncommon for wells screened within bedrock with low primary porosity and poorly connected secondary porosity features (e.g., fractures and voids). Hydraulic head differences show the greatest disparity in wells screened within the uppermost fractured zone, with relatively little head difference in wells fully screened within the lower competent zones. As detailed in the RIR (EHS Support, 2014), the head difference at nested bedrock monitoring wells URS-3R (shallow fractured zone) and MW-10R (lower competent zone) was approximately 9 feet, suggesting that the shallow fractured zone behaves more like an extension of the Perched Zone rather than part of the Shale Bedrock hydrostratigraphic unit. The downward gradient between the two zones indicates that there may be limited local vertical groundwater recharge into the lower competent zone.

Due to the location of the Site along the bedrock valley wall, the bedrock monitoring wells are located mostly on-site or near the Site boundaries. The overburden monitoring wells are mostly located off-site to the east in the Investigation Study Area. The distinction between on-site and off-site is important for understanding the differences in groundwater contaminant conditions concerning the changes in location and the hydrogeologic units in which groundwater exists (i.e., bedrock versus overburden alluvial).

3 2024 Groundwater Sampling Field Activities

The selected network of 32 wells monitors upgradient, on-site, and downgradient groundwater conditions (**Figure 4**). The network of on-site and off-site wells was designed based on the following criteria:

- Downgradient Dilute Plume Monitoring Network (25 wells) – off-site locations selected to monitor the extent of the dilute TCE plume. This network was sampled for VOCs. The 25 Downgradient Dilute Plume Monitoring Network wells include the following:
  - LAOW11-1
  - LAOW11-4
  - LAOW11-5
  - LAOW11-6
  - LAOW11-9
  - MW-5
  - MW-7
  - MW-8
  - MW-9
  - MW-12
  - MW-13
  - MW-14
  - MW-15
  - MW-18
  - MW-20
  - URS-2S
  - URS-4S
  - URS-6I
  - URS-7S
  - URS-8S
  - URS-9S
  - URS-10S
  - URS-12
  - URS-13
  - URS-14
- The Near-Source Area Monitored Network (7 wells) – on-site and off-site locations selected to monitor concentration tends in the Near-Source Area and upgradient of the source. These locations were sampled in 2024 and will be sampled for VOCs on biennial basis, with the next sampling event scheduled for Fall 2026. The 7 additional sampling locations include the following wells:
  - LARW11-1
  - LARW11-2
  - LARW11-3
  - MW-10R
  - MW-11R
  - URS-1R
  - URS-3R

The *Groundwater Field Activities Plan* (EHS Support, 2021a) summarized the methods and procedures used for performing groundwater monitoring at the Site. Groundwater sampling procedures complied with the Division of Environmental Remediation (DER)-10 *Technical Guidance for Site Investigation and Remediation* (NYSDEC, 2010) and accepted United States Environmental Protection Agency (USEPA) guidelines. Samples are analyzed per the NYSDEC Analytical Service Protocol requirements by an NYSDOH Environmental Laboratory Approval Program-certified laboratory.

Table 1 summarizes the wells that were gauged and sampled in 2024, and **Table 2** provides well construction details. **Table 3** summarizes the water level gauging and field parameter measurements, and **Table 4** summarizes the laboratory methods. The analytical results are discussed in **Section 4**.

3.1 Groundwater Level Gauging

Depth-to-groundwater measurements were collected using an electronic oil/water interface meter. The measurements were converted to groundwater elevations using the top-of-casing elevations, surveyed

relative to the National Geodetic Vertical Datum of 1929 (NGVD29), also known as the sea level datum. Groundwater level measurements and calculated elevation data are summarized in **Table 3**.

3.2 Groundwater Sampling

Field personnel completed low-flow/minimal drawdown purge and sample collection – following USEPA low-flow purging and sampling procedures – using a peristaltic pump. Groundwater sampling activities were recorded on sampling logs (**Appendix A**). At a minimum, field instruments were calibrated daily before use. The calibration procedures conformed to the manufacturer's standard instructions to ensure that the equipment was functioning within the allowable tolerances established by the manufacturer and required by the project.

Before sample collection, groundwater was evacuated from each well at a low-flow rate between 100 to 500 milliliters per minute using a peristaltic pump. Field measurements for pH, temperature, dissolved oxygen (DO), oxidation-reduction potential (ORP), specific conductance, turbidity, and depth to water, as well as visual and olfactory field observations, were recorded every 3–5 minutes and monitored until the measurements stabilized. Stability was defined as variations between field measurements within the following parameters:

- pH ± 0.1 standard units
- Temperature ± 3 percent degrees Celsius
- DO ± 10 percent milligrams per liter
- ORP ± 10.0 percent millivolts
- Specific conductance ± 3 percent millisiemens per centimeter
- Turbidity ± 10 percent nephelometric turbidity units
- Drawdown less than 0.33 feet

Once field parameters stabilized, groundwater samples were collected in laboratory-supplied sample bottles (**Table 4**). The groundwater samples were shipped on ice and under chain of custody to Eurofins Laboratories.

Decontamination procedures for field personnel and equipment were followed to protect the health and safety of those present, to maintain sample integrity, and to minimize the movement of potential constituents between the work area and off-site locations. Non-dedicated (i.e., reusable) equipment used on-site was decontaminated before beginning work, between sampling locations and/or uses, and before demobilizing from the Site. Sample bottles and disposable equipment (e.g., tubing) were not cleaned or reused in the field.

Purge and decontamination water was containerized in United States Department of Transportation-approved 55-gallon steel drums. The drums were appropriately labeled and temporarily stored on-site. Purge and decontamination water was disposed of off-site at an approved waste disposal facility per the requirements of Section 3.3(e) of DER-10 (NYSDEC, 2010), under the previously approved non-hazardous waste profile for this Site.

The following modifications from the field procedures occurred in 2024, due to field conditions:

- MW-5 was not sampled due to insufficient groundwater volume.
- Wells MW-11R, MW-12 and URS-6I were allowed time to recharge after purging to provide sufficient yield for sampling.

3.3 Biogenic Gas Measurements

Similar to previous events, headspace measurements for biogenic gases (i.e., methane and hydrogen sulfide) were collected concurrently with groundwater sampling near the *in situ* bioremediation injection area on-site. The 2024 measurements are provided in **Appendix A**. As a precaution, biogenic gas measurements were also collected inside the adjacent active manufacturing building at 1-11 Lee Avenue and in the SSDS exhaust ports at that building; no elevated detections of hydrogen sulfide or methane were present. Additional details related to sampling procedures and previous biogenic gas sampling measurements are provided in the FER (EHS Support, 2022b).

3.4 Sample Laboratory Analysis

Groundwater samples for VOCs analysis were shipped on ice and under chain of custody to Eurofins Laboratories located in Amherst, NY, an analytical laboratory certified by the State of New York that participates in the National Environmental Laboratory Accreditation Program (Laboratory Certification ID 10842). The laboratory analytes, analytical methods, anticipated reporting limits, and laboratory requirements are summarized in **Table 4**. The laboratory analytical reports are included in **Appendix B**.

3.5 Quality Control Sampling and Analysis

As part of the quality assurance/quality control (QA/QC) program, samples were collected and prepared in the field and laboratory to provide control over the collection of environmental measurements and subsequent review, interpretation, and validation of generated analytical data.

The QA/QC samples were collected with the following frequencies:

- Duplicates – 1 per 20 samples per sampling event
- Matrix spike/matrix spike duplicate (MS/MSD) – 1 per 20 samples per sampling event
- Equipment blanks – 1 per day
- Trip blanks – 1 per cooler containing VOC samples

The QA/QC samples were analyzed for VOCs. Analytical results for the equipment blanks and trip blanks are provided in **Table 5**. Analytical results for the duplicate samples are included in **Table 6** along with VOC results for the primary samples. Results for all QC samples, including MS/MSD and other laboratory method QC samples, are provided in the VOC laboratory reports in **Appendix B**.

The electronic data deliverables (EDD) provided by the laboratory were reviewed to meet current requirements outlined in the NYSDEC EDD Manual (NYSDEC, 2024) and formatted by Electronic Data Processor software. The finalized EDDs will be submitted for upload to the NYSDEC Environmental Information Management System.

3.6 Water Quality Standards

As detailed in the QAPP (EHS Support, 2021b), the data quality objectives for groundwater monitoring have been established for the project based on New York State Class GA Groundwater Standards for CVOCs (i.e., the Class A groundwater standards established for potable water). Comparison to the GA standards is for reference only, as groundwater in the Unconfined Aquifer is not used as a groundwater resource in the City of Norwich (City of Norwich, 2011).

3.7 Data Quality Review

Analytical reports generated for the sampling events completed during this reporting period meet NYSDEC requirements for a Category B data package.

The VOC data were assessed for usability, and Tier II Validation Reports were prepared (**Appendix C**). All data were found to be usable. The analytical data, including the EDDs, were updated to include the data qualifiers applied based on the data usability review.

4 Groundwater Sampling Results

The 2024 groundwater monitoring data continue to show TCE degradation. **Table 6** provides groundwater analytical results for VOCs collected during the November 2024 sampling event. **Figure 5** presents concentrations of TCE over time in the Near-Source Area Monitoring Network. **Figure 6** illustrates baseline TCE isocontours alongside 2024 TCE isocontours, highlighting the reduced TCE extent in groundwater.

4.1 Groundwater Elevation Data

The groundwater levels recorded during synoptic gauging on October 1, 2024, and October 2, 2024 (**Table 3**), were consistent with the groundwater levels measured during the RI in 2014. The groundwater flow conditions in the unconfined aquifer are consistent with historical observations (**Figure 3**). Groundwater elevations in wells located near the Site are generally around 1,000 feet NGVD29 and water levels in wells located near the Chenango River generally around 990 feet NGVD29.

Groundwater elevations within the perched and bedrock zones beneath the western portion of the Site are not used to create a potentiometric surface due to the localized and discontinuous nature of this zone. Groundwater level measurements and calculated elevation data are included in **Table 3**.

4.2 Groundwater Analytical Results and Comparison to Standards

The 2024 groundwater data continue to show decreased TCE concentrations in the Downgradient Dilute-Plume Monitoring Network. **Table 4-1** presents TCE concentrations above the Class A groundwater standard (5 µg/L) in 13 monitoring wells during baseline monitoring in 2017, the most recent TCE concentrations, and the percent change between those concentrations.

Table 4-1 Downgradient Trichloroethylene Concentrations in Groundwater, 2017 and 2024

Location	Trichloroethylene Data (µg/L)		July 2017 versus November 2024*
	Baseline, July 2017	November 2024	
LAOW11-1	77	2.7	-96%
LAOW11-4	32	21	-34%
LAOW11-6	5	1	-80%
LAOW11-9	11	1.5	-86%
MW-9	9.5	0.54J	-94%
MW-12	24	23	-4%
MW-14	5.2	0.81J	-84%
MW-18	320	1.9	-99%
MW-20	21	0.86J	-96%
URS-7S	59	0.91J	-98%
URS-8S	26	1.4	-95%

Location	Trichloroethylene Data (µg/L)		July 2017 versus November 2024*
	Baseline, July 2017	November 2024	
URS-9S	23	3.7	-84%
URS-12	8.1	1.5	-85%

Notes:
Locations with TCE above the NYSDEC Class GA groundwater standard of 5 µg/L during baseline sampling in 2017 included in assessment.
* = percent difference; µg/L = microgram per liter; J = result is less than the reporting limit but greater than or equal to the method detection limit and the concentration is an approximate value.

The 2024 groundwater data continue to show Near-Source Area degradation (**Figure 5** and **Table 4-2**). TCE was detected in 3 of the 7 Near-Source Area wells, with no TCE detected in monitoring wells MW-10R, LARW11-1, LARW11-3, and URS-1R.

Reductions in TCE concentrations have been most dramatic at Near-Source Area well URS-3R, where pre-remediation TCE concentrations were 70,000 µg/L in 2011 and 32,000 µg/L in 2017 (EHS Support, 2021d). The 2024 TCE concentration of 2,200 µg/L represents a percent change of 93 percent from the 2017 baseline data.

Table 4-2 Near Source Area Trichloroethylene Concentrations in Groundwater, 2017 and 2024

Location	Trichloroethylene Data (µg/L)		July 2017 versus November 2024*
	Baseline, July 2017	November 2024	
LARW11-2	390	320	-18%
MW-11R	1,600	34	-98%
URS-3R	32,000	2,200	-93%

Locations with trichloroethylene above the New York State Department of Environmental Conservation Class GA groundwater standard of 5 µg/L during baseline sampling in 2017 included in assessment.
* = percent difference; µg/L = microgram per liter

Reductions in TCE concentrations have decreased the size of the TCE plume from 55 acres in 2017 to 3.5 acres in 2024 – a reduction of over 90 percent (**Figure 6**). Sporadic detections of cis-1,2-DCE, a byproduct of reductive dechlorination, continue to indicate that active biological reductive dechlorination is occurring (**Table 6**).

Field parameters are summarized in **Table 3** for the Downgradient Dilute-Plume Monitoring Network wells. Although ORP is positive, the DO values remain low. The pH is neutral to slightly acidic (6.21 to 8.09 standard units) throughout the Site and remains optimal to beneficial microbes. The field parameters indicate reducing conditions supporting abiotic and biological degradation of chlorinated ethenes.

5 Next Steps

After six years, the *in situ* enhanced bioremediation remedy is performing as expected, with significant reductions of TCE in groundwater documented throughout the Site and the downgradient area. No further *in situ* enhanced bioremediation injections are planned. Hercules submitted the revised FER and revised SMP for the Site in December 2024 and January 2025, respectively. NYSDEC has indicated it does not have significant comments on the FER and plans to issue a Certificate of Completion to Hercules following review and approval of the revised SMP.

In accordance with the schedule provided in the 2021 SMP (EHS Support, 2021c), Hercules completed the planned five-year period of post-remediation groundwater monitoring events at the Site in 2022 (EHS Support, 2023b). Groundwater monitoring activities and data will continue to be reported annually in March of the following year per the Proposed SMP Updates (EHS Support, 2023b). Groundwater sampling will continue as follows through 2027, unless further reductions are warranted and approved by the State:

- Sampling events for the annual wells: 2025 through 2027
- Expanded sampling events including the biennial wells: 2026

The next sampling event will take place in Fall 2025 and will include the 25 Downgradient Dilute-Plume Monitoring Network wells.

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Tables

Table 1
Sampling Event Schedule
Lee Avenue Railroad Area - NYSDEC Site # 709014
Norwich, New York

Well ID	Field Parameters[1]	VOCs
Downgradient Dilute-Plume Monitoring Network (25 wells) - Annual		
LAOW11-1	1	1
LAOW11-4	1	1
LAOW11-5	1	1
LAOW11-6	1	1
LAOW11-9	1	1
MW-5[2]	1	1
MW-7	1	1
MW-8	1	1
MW-9	1	1
MW-12	1	1
MW-13	1	1
MW-14	1	1
MW-15	1	1
MW-18[3]	1	1
MW-20	1	1
URS-2S	1	1
URS-4S[3]	1	1
URS-6I	1	1
URS-7S	1	1
URS-8S	1	1
URS-9S	1	1
URS-10S	1	1
URS-12	1	1
URS-13	1	1
URS-14	1	1
Upgradient and Near-Source Area Monitoring Network (7 wells) - Biennial		
MW-10R	1	1
MW-11R	1	1
LARW11-1	1	1
LARW11-2	1	1
LARW11-3	1	1
URS-1R	1	1
URS-3R	1	1

Notes:

[1] Field parameters to include pH, temperature, dissolved oxygen, redox potential, specific conductivity, and turbidity.

[2] MW-5 will be collected when sufficient sample volume present.

[3] Locations will be sampled if located (not located during the 2022 groundwater monitoring event).

Samples will not be collected if presence of Emulsified Vegetable Oil (EVO) is detected

VOCs - volatile organic compounds

Table 2
Well Construction Table
Lee Avenue Railroad Area - NYSDEC Site # 709014
Norwich, New York

Monitoring Well ID	Investigation Phase (Installed by)	Install Date (DD-MMM-YY)	Active/ Inactive	Monitoring Well Construction Details							Location				Elevation Details (ft-msl)	
				Aquifer Screen Location	Boring Depth (ft below grade)	Well Depth (ft below grade)	Screened Interval (ft below grade)	Screened Length (ft)	Casing Diameter (inches)	Well Construction	Latitude	Longitude	Northing	Easting	Top of PVC Elevation	Ground Surface Elevation
LARW11-1	Superfund	20-Jul-11	Active	Shale Bedrock	31.5	31.5	21.5 - 31.5	10.0	2	0.010-inch slot Sch 40 PVC	42.538439	75.522040	926655.58	1106227.37	1011.64	1011.94
LARW11-2	Superfund	19-Jul-11	Active	Shale Bedrock	31.5	31.5	21.5 - 31.5	10.0	2	0.010-inch slot Sch 40 PVC	42.537773	75.522065	926412.76	1106223.75	1011.90	1012.26
LARW11-3	Superfund	18-Jul-11	Active	Shale Bedrock	41.5	41.5	31.5 - 41.5	10.0	2	0.010-inch slot Sch 40 PVC	42.537323	75.522072	926248.60	1106223.94	1012.28	1012.55
MW-10R	Hercules	5-Feb-13	Active	Shale Bedrock	41.0	40.5	35.5 - 40.5	5.0	2	0.010-inch slot Sch 40 PVC	42.537943	75.522049	926474.51	1106227.24	1011.74	1012.26
MW-11R	Hercules	5-Feb-13	Active	Shale Bedrock	17.5	17.5	12.5 - 17.5	5.0	2	0.010-inch slot Sch 40 PVC	42.538042	75.521959	926510.95	1106251.02	1011.45	1011.95
URS-1R	ERP	30-Apr-07	Active	Shale Bedrock	24.0	24.0	19.0 - 24.0	5.0	2	0.010-inch slot Sch 40 PVC	42.537690	75.522569	926380.60	1106088.25	1028.62	1029.45
URS-3R	ERP	2-May-07	Active	Shale Bedrock	17.3	17.0	12.0 - 17.0	5.0	2	0.010-inch slot Sch 40 PVC	42.537971	75.522047	926485.00	1106227.74	1012.66	1012.61
LAOW11-1	Superfund	21-Jul-11	Active	Unconfined Aquifer	21.0	20.0	10.0 - 20.0	10.0	2	0.010-inch slot Sch 40 PVC	42.537191	75.519901	926207.80	1106809.51	1008.56	1009.19
LAOW11-4	Superfund	11-Aug-11	Active	Unconfined Aquifer	20.0	20.0	15.0 - 20.0	5.0	0.75	0.010-inch slot Sch 40 PVC	42.536494	75.520594	925951.62	1106625.90	1010.20	1010.42
LAOW11-5	Superfund	2-Aug-11	Active	Unconfined Aquifer	20.0	20.0	15.0 - 20.0	5.0	0.75	0.010-inch slot Sch 40 PVC	42.535698	75.520485	925662.09	1106658.93	1011.50	1011.66
LAOW11-6	Superfund	11-Aug-11	Active	Unconfined Aquifer	20.0	20.0	15.0 - 20.0	5.0	0.75	0.010-inch slot Sch 40 PVC	42.535964	75.518978	925763.88	1107063.97	1008.42	1008.56
LAOW11-9	Superfund	2-Aug-11	Active	Unconfined Aquifer	20.0	20.0	15.0 - 20.0	5.0	0.75	0.010-inch slot Sch 40 PVC	42.534832	75.515819	925362.16	1107920.57	1001.37	1001.43
MW-5	Hercules	16-Aug-04	Active	Unconfined Aquifer	15 R	15.0	5.0 - 15.0	10.0	2	0.010-inch slot Sch 40 PVC	42.538139	75.521588	926547.57	1106350.64	1008.92	1009.14
MW-7	Hercules	17-Aug-04	Active	Unconfined Aquifer	19.0	19.0	9.0 - 19.0	10.0	2	0.010-inch slot Sch 40 PVC	42.538001	75.521121	926498.89	1106477.16	1008.74	1008.89
MW-8	Hercules	17-Aug-04	Active	Unconfined Aquifer	17 R	17.0	7.0 - 17.0	10.0	2	0.010-inch slot Sch 40 PVC	42.538336	75.521314	926620.49	1106423.63	1008.31	1008.66
MW-9	Hercules	17-Aug-04	Active	Unconfined Aquifer	17 R	17.0	7.0 - 17.0	10.0	2	0.010-inch slot Sch 40 PVC	42.537435	75.520859	926293.64	1106550.43	1008.33	1008.51
MW-12	Hercules	5-Feb-13	Active	Unconfined Aquifer	16.0	14.0	9.0 - 14.0	5.0	2	0.010-inch slot Sch 40 PVC	42.535915	75.521253	925738.29	1106451.06	1011.94	1012.78
MW-13	Hercules	11-Feb-13	Active	Unconfined Aquifer	14.0	12.0	7.0 - 12.0	5.0	2	0.010-inch slot Sch 40 PVC	42.534339	75.518986	925171.48	1107069.27	1006.79	1007.04
MW-14	Hercules	7-Feb-13	Active	Unconfined Aquifer	18.0	17.0	12.0 - 17.0	5.0	2	0.010-inch slot Sch 40 PVC	42.534975	75.513166	925423.20	1108634.98	997.92	998.12
MW-15	Hercules	11-Feb-13	Active	Unconfined Aquifer	16.0	14.0	9.0 - 14.0	5.0	2	0.010-inch slot Sch 40 PVC	42.533535	75.515599	924890.14	1107985.88	1000.22	1000.92
MW-16	Hercules	6-Feb-13	Active	Unconfined Aquifer	18.0	16.0	11.0 - 16.0	5.0	2	0.010-inch slot Sch 40 PVC	42.533784	75.510157	924999.44	1109451.52	995.84	996.56
MW-17	Hercules	6-Feb-13	Active	Unconfined Aquifer	10.0	8.0	3.0 - 8.0	5.0	2	0.010-inch slot Sch 40 PVC	42.532305	75.512529	924452.38	1108818.84	995.98	996.57
MW-18	Hercules	11-Feb-13	Active	Unconfined Aquifer	20.0	18.0	13.0 - 18.0	5.0	2	0.010-inch slot Sch 40 PVC	42.536946	75.520730	926115.80	1106587.17	1010.27	1010.77
MW-19	Hercules	5-Feb-13	Active	Unconfined Aquifer	22.0	20.0	15.0 - 20.0	5.0	2	0.010-inch slot Sch 40 PVC	42.536654	75.512744	926036.51	1108741.09	996.99	997.44
MW-20	Hercules	7-Feb-13	Active	Unconfined Aquifer	28.0	27.0	22.0 - 27.0	5.0	2	0.010-inch slot Sch 40 PVC	42.537324	75.516124	926269.23	1107826.88	1001.82	1002.53
URS-2S	ERP	8-May-07	Active	Unconfined Aquifer	16.0	16.0	11.0 - 16.0	5.0	2	0.010-inch slot Sch 40 PVC	42.539312	75.519301	926982.79	1106961.55	1005.12	1005.31
URS-4S	ERP	7-May-07	Active	Unconfined Aquifer	11.0	11.0	6.0 - 11.0	5.0	2	0.010-inch slot Sch 40 PVC	42.536644	75.522270	926000.51	1106173.51	1010.81	1011.04
URS-6I	ERP	8-May-07	Active	Unconfined Aquifer	18.0	16.0	11.0 - 16.0	5.0	2	0.010-inch slot Sch 40 PVC	42.538968	75.521600	926849.63	1106343.51	1007.57	1007.89
URS-7S	ERP	8-May-07	Active	Unconfined Aquifer	16.0	15.0	10.0 - 15.0	5.0	2	0.010-inch slot Sch 40 PVC	42.538236	75.520250	926587.52	1106710.64	1007.55	1007.66
URS-8S	ERP	10-May-07	Active	Unconfined Aquifer	18.0	16.0	11.0 - 16.0	5.0	2	0.010-inch slot Sch 40 PVC	42.538286	75.519139	926609.35	1107010.09	1005.94	1006.31
URS-9S	ERP	10-May-07	Active	Unconfined Aquifer	18.0	17.0	12.0 - 17.0	5.0	2	0.010-inch slot Sch 40 PVC	42.538307	75.518669	926618.79	1107136.44	1004.85	1005.44
URS-10S	ERP	10-May-07	Active	Unconfined Aquifer	18.0	16.0	11.0 - 16.0	5.0	2	0.010-inch slot Sch 40 PVC	42.540004	75.520779	927230.10	1106560.12	1005.74	1006.10
URS-12	ERP	14-May-07	Active	Unconfined Aquifer	16.0	14.0	9.0 - 14.0	5.0	2	0.010-inch slot Sch 40 PVC	42.537111	75.518943	926181.97	1107068.16	1006.17	1006.51
URS-13	ERP	14-May-07	Active	Unconfined Aquifer	22.0	16.0	11.0 - 16.0	5.0	2	0.010-inch slot Sch 40 PVC	42.537347	75.516104	926277.61	1107832.09	1001.36	1001.90
URS-14	ERP	15-May-07	Active	Unconfined Aquifer	16.0	14.0	9.0 - 14.0	5.0	2	0.010-inch slot Sch 40 PVC	42.538809	75.517004	926807.43	1107582.92	1000.33	1000.67

Notes:

Investigation Phases

ERP: Environmental Restoration Program implemented by Chenango County Industrial Development Agency.
Hercules: Tank Closure/Remediation Activities (1990s) and Implemented under Consent Order with NYSDEC (2012-2013).
Superfund: Implemented by NYSDEC and NYSDOH.

Northing and easting coordinates and elevation details provided by Shumaker in March 2013 and September 2013.

Definitions

ft = feet
ft-msl = feet above mean sea level
NYSDEC = New York State Department of Environmental Conservation
NYSDOH = New York State Department of Health
PVC = polyvinyl chloride

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Table 3
Water Level Gauging and Field Parameters
Downgradient Dilute-Plume Monitoring Well Network
Lee Avenue Railroad Area - NYSDEC Site #709014
Norwich, New York

Well ID	Sample Date	Depth to Water ft btoc	Top-of-Casing Elevations ft NGVD29	Conductivity mS/cm	Dissolved Oxygen mg/L	Oxidation-Reduction Potential mV	pH SU	Temperature deg c	Turbidity NTU
LAOW11-1	10/01/2024	10.47	1008.56	0.867	0.98	208	7.19	19.35	1
LAOW11-4	10/01/2024	11.42	1010.2	0.751	1.11	239	6.21	19.81	1
LAOW11-5	10/01/2024	12.32	1011.5	1.02	1.12	191	7.01	19.55	10
LAOW11-6	10/02/2024	13.02	1008.42	1.27	2.22	234	7.44	15.01	14
LAOW11-9	10/01/2024	12.00	1001.37	1.14	1.54	181	7.7	20.94	23
LARW11-1	10/02/2024	11.79	1011.64	0.55	0.09	-31	7.39	13.3	15
LARW11-2	10/01/2024	8.34	1011.9	0.643	0.06	41	7.33	19.01	2
LARW11-3	10/01/2024	14.05	1012.28	0.776	1.78	-133	7.54	14.3	18
MW-7	10/02/2024	11.77	1008.74	0.914	5.53	238	7	16.22	0
MW-8	10/02/2024	11.89	1008.31	0.45	4.76	226	6.89	16.42	6
MW-9	10/02/2024	10.49	1008.33	0.962	4.3	231	7.22	16.87	0
MW-10R	10/01/2024	15.01	1011.74	0.397	1.4	-151	8.09	17.06	26
MW-11R	10/02/2024	8.15	1011.45	0.758	1.86	-116	6.76	18.89	55
MW-12	10/02/2024	11.46	1011.94	0.967	1.21	201	7.24	19.64	5
MW-13	10/02/2024	9.51	1006.79	2.22	3.11	222	7.4	16.15	40
MW-14	10/01/2024	9.24	997.92	1.18	1.09	213	7.16	18.05	22
MW-15	10/01/2024	10.22	1000.22	1.47	1.49	181	7.64	20.45	15
MW-18	10/02/2024	11.45	1010.27	0.351	4.58	231	7.21	16.25	2
MW-20	10/02/2024	12.26	1001.82	1.15	1.19	220	7.71	14.58	1
URS-1R	10/01/2024	12.44	1028.62	0.944	33	196	6.71	16.57	0
URS-2S	10/02/2024	14.13	1005.12	1.44	2.35	185	7.51	15.71	8
URS-3R	10/01/2024	7.30	1012.66	0.656	5.67	-188	7.3	17.68	16
URS-4S	10/02/2024	8.69	1010.81	1.59	1.39	233	6.85	15.29	2
URS-6I	10/02/2024	11.90	1007.57	0.994	6.39	187	6.69	15.88	0
URS-7S	10/02/2024	11.90	1007.55	0.761	7.4	197	7.4	15.64	0
URS-8S	10/02/2024	11.03	1005.94	2.14	0.21	4	6.83	16.71	0
URS-9S	10/02/2024	14.55	1004.85	1.38	1.84	189	7.12	17.01	0
URS-10S	10/02/2024	13.30	1005.74	1.15	3.67	209	7.52	15.39	10
URS-12	10/01/2024	10.71	1006.17	1.47	1.08	205	7.51	20.85	22
URS-13	10/02/2024	11.75	1001.36	1.26	1.11	217	7.47	14.98	2
URS-14	10/02/2024	10.51	1000.33	1.25	4.76	244	7.21	15.17	1

Notes:

n/a = not available

NYSDEC = New York State Department of Environmental Conservation

Units:

°C = degree Celsius

btoc = below top of casing

ft = feet

mg/L = milligram per liter

mS/cm = millisiemen per centimeter

mV = millivolt

NGVD29 = National Geodetic Vertical Datum of 1929

NTU = nephelometric turbidity unit

SU = standard unit

Table 4
Laboratory Method Summary
Lee Avenue Railroad Area - NYSDEC Site # 709014
Norwich, New York

Analyte	Method Number	Anticipated Reporting Limit (µg/L)	Sample Container Type	Container Volume (each in mL)	No. Containers per sample	Preservation	Holding Time
Volatile Organic Compounds							
Volatile Organic Compounds	SW846 8260C	1	Glass VOA	40	3	HCl to pH<2, Cool, < 6 deg. C.	14 Days
Tentatively Identified Compounds							

Notes:
µg/L = micrograms per liter
deg. C. = degrees Celsius
HCl = hydrochloric acid
mL = milliliters
VOA = volatile organic analysis
USEPA = United States Environmental Protection Agency

Table 5
Equipment and Trip Blank Results – VOCs
Lee Avenue Railroad Ave – NYSDEC Site # 709014
Norwich, New York

Chemical Unit		1,1,1-Trichloroethane µg/L		1,1-Dichloroethane µg/L		1,1-Dichloroethene µg/L		cis-1,2-Dichloroethylene µg/L		Tetrachloroethylene (PCE) µg/L		trans-1,2-Dichloroethene µg/L		Trichloroethylene (TCE) µg/L		Vinyl Chloride µg/L	
Sample Name	**Date**	**Result**		**Result**		**Result**		**Result**		**Result**		**Result**		**Result**		**Result**	
EB1_20241001	10/01/2024	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U
EB2_20241002	10/02/2024	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U
TRIP BLANK_20241001	10/01/2024	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U
TRIP BLANK_20241002	10/02/2024	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U

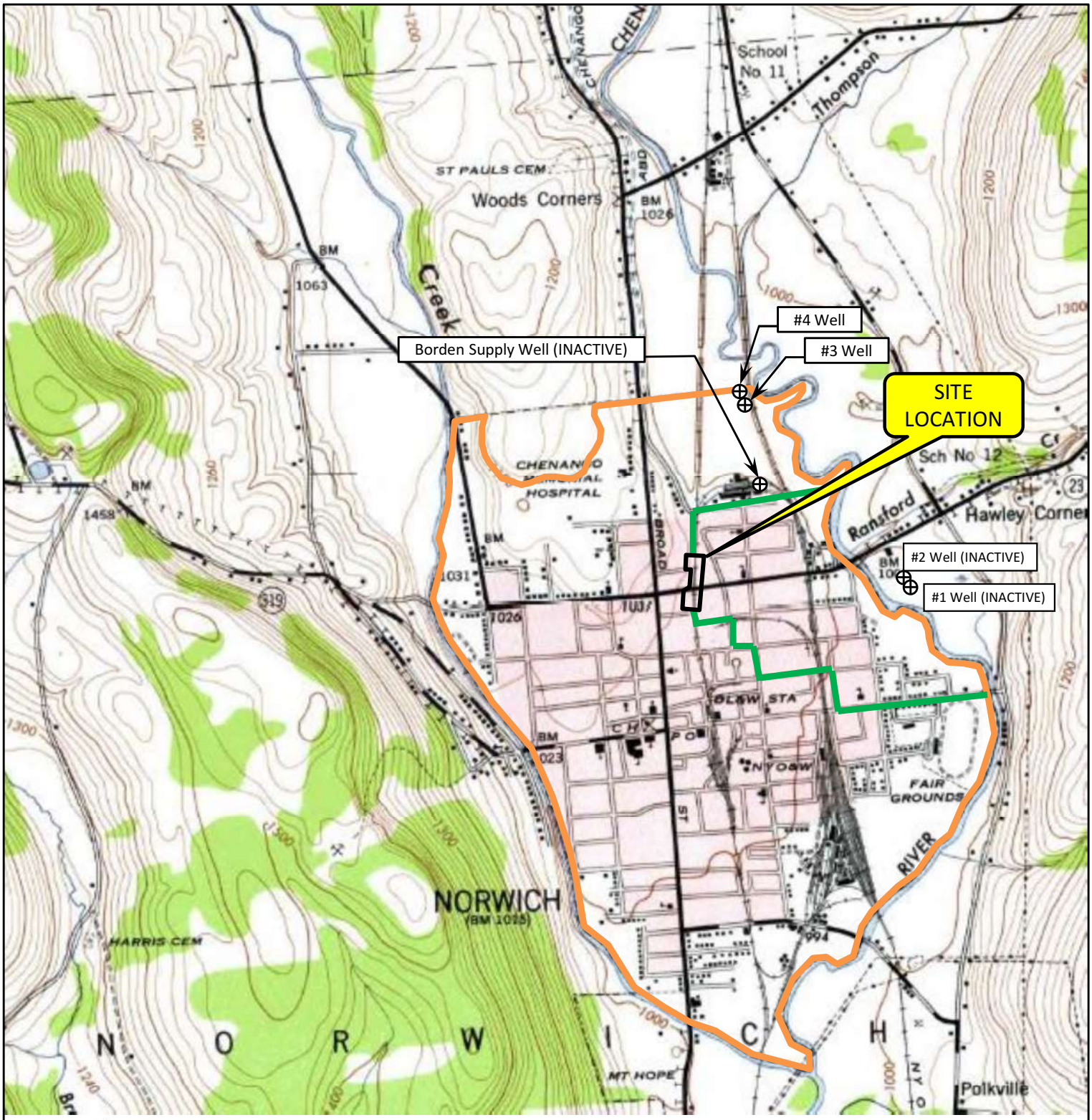
Notes:
µg/L = microgram per liter
EB = equipment blank
TB = Trip Blank
U = Indicates the analyte was analyzed for but not detected.
VOC = volatile organic compound

Table 6
Groundwater Analytical Results – VOCs
Lee Avenue Railroad Area - NYSDEC Site # 709014
Norwich, New York

Chemical Name		1,1,1-Trichloroethane	1,1-Dichloroethane	1,1-Dichloroethene	cis-1,2-Dichloroethylene	Tetrachloroethylene (PCE)	trans-1,2-Dichloroethene	Trichloroethylene (TCE)	Vinyl Chloride
NYSDEC Class GA Groundwater Quality Standards (µg/L)		**5**	**5**	**5**	**5**	**5**	**5**	**5**	**2**
Location	**Date**								
LAOW11-1	10/01/2024	1 U	1 U	1 U	**9.4**	1 U	1 U	2.7	1 UJ
LAOW11-4	10/01/2024	0.93 J	1 U	1 U	1 U	1 U	1 U	**21**	1 UJ
LAOW11-5	10/01/2024	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
LAOW11-6	10/02/2024	1 U	1 U	1 U	1 U	1 U	1 U	1	1 U
LAOW11-9	10/01/2024	3.3	1 U	1 U	1 U	1 U	1 U	1.5	1 U
LARW11-1	10/02/2024	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
LARW11-2	10/01/2024	20 U	20 U	20 U	**2000**	**160**	20 U	**320**	**100**
LARW11-3	10/01/2024	1 U	1.9	1 U	0.83 J	1 U	1 U	1 U	1 U
MW-7	10/02/2024	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
MW-8	10/02/2024	1 U	1 U	1 U	1 U	1 U	1 U	1.4	1 U
MW-9	10/02/2024	1 U	1 U	1 U	1 U	1 U	1 U	0.54 J	1 U
MW-10R	10/01/2024	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
MW-11R	10/02/2024	40 U	**150**	40 U	**120**	40 U	40 U	**34** J	**63**
MW-12	10/02/2024	1 U	1 U	1 U	1.1	1 U	1 U	**23**	1 U
MW-13	10/02/2024	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
MW-14	10/01/2024	1 U	1 U	1 U	1 U	1 U	1 U	0.81 J	1 U
MW-15	10/01/2024	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
MW-18	10/02/2024	1 U	1 U	1 U	**9**	1 U	1 U	1.9	1 U
MW-20	10/02/2024	1 U	1 U	1 U	1 U	1 U	1 U	0.86 J	1 U
MW-20 Duplicate	10/02/2024	1 U	1 U	1 U	1 U	1 U	1 U	0.6 J	1 U
URS-1R	10/01/2024	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
URS-2S	10/02/2024	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
URS-3R	10/01/2024	200 U	**430**	200 U	**9800**	200 U	200 U	1	**6600 J**
URS-4S	10/02/2024	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
URS-6I	10/02/2024	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
URS-7S	10/02/2024	1 U	1 U	1 U	1 U	1 U	1 U	1 J	1 U
URS-8S	10/02/2024	1 U	1 U	1 U	1 U	1 U	1 U	1	1 U
URS-8S Duplicate	10/02/2024	1 U	1 U	1 U	1 U	1 U	1 U	1	1 U
URS-9S	10/02/2024	1 U	1 U	1 U	0.91 J	1 U	1 U	1	1 U
URS-10S	10/02/2024	1.2	1 U	1 U	1 U	1 U	1 U	1 J	1 UJ
URS-12	10/01/2024	1 U	1 U	1 U	1 U	1 U	1 U	1	1 U
URS-13	10/02/2024	1 U	1 U	1 U	1 U	1 U	1 U	1 J	1 U
URS-14	10/02/2024	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U

Notes:
All concentrations provided in micrograms per liter (µg/L).
of the applicable NYSDEC Class GA
Groundwater Quality Standards
Class GA Standard = Class A groundwater standard established for potable water.
J = Result is less than RL but greater than or equal to the method detection limit and concentration is an approximate value.
NYSDEC = New York State Department of Environmental Conservation
U = Indicates the analyte was analyzed for but not detected.
VOC = volatile organic compound

Figures



LEGEND

- SITE LOCATION
- STUDY AREA
- STUDY AREA VICINITY
- SUPPLY WELL

Figure Source: Final Feasibility Study, Figure 2-4 (EHS Support, 2016)

TARGET QUAD NAME:	NORWICH, NY
MAP YEAR:	1944
SERIES:	7.5
SCALE:	1 : 24000
SITE NAME:	LEE AVENUE RAILROAD AREA
ADDRESS:	LEE AVENUE NORWICH, NY 13815
LAT / LONG:	42.5378 / -75.5216

EHS Support™

Dec. 2014

FIGURE 1
SITE LOCATION MAP
LEE AVENUE RAILROAD AREA
NORWICH, NEW YORK
NYS # 709014

Legend

- Lee Avenue Railroad Area
- Lee Avenue Plant 1-11 Lee Avenue
- Investigation Study Area
- Tax Parcel

Reference Notes:

Source of Aerial: USGS

Lot and Block data provided by the City of Norwich.

Figure Reference: Final Feasibility Study, Figure 2-2 (EHS Support, 2016)

EHS Support

360 180 0 360

Scale In Feet

Lee Avenue Railroad Area
Norwich, New York
NYS #709014

Drawn By: MDO	Date: 12/2014
Review By: MSS	Date: 12/2014
Scale: 1" = 360'	Plot: 12/2014

FIGURE 2
SITE LAYOUT MAP

Legend

- Unconfined Monitoring Well Locations
- Bridge Gauging Locations
- Groundwater Contour
- Site Location
- Tax Parcel
- Estimated Groundwater Flow Direction
- 997.68 Estimated Groundwater Elevation (Recorded in feet above mean sea level)
- NG Not Gauged

Reference Notes:

Source of Aerial: USGS

Survey Data Source: Wells Surveyed by Shumaker Consulting, Engineering and Land Surveying, Binghamton, New York, Horizontal Datum: NYSPCS NAD 83 Centralzone. Vertical Datum: NAVD 88, March 2013.

Lot and Block data provided by the City of Norwich.

Monitoring Wells MW-4 and MW-6 were not located in the field.

Reference:
Remedial Investigation Report, Figure 21, May 12, 2014.
Groundwater Elevations recorded on March 7, 2013.

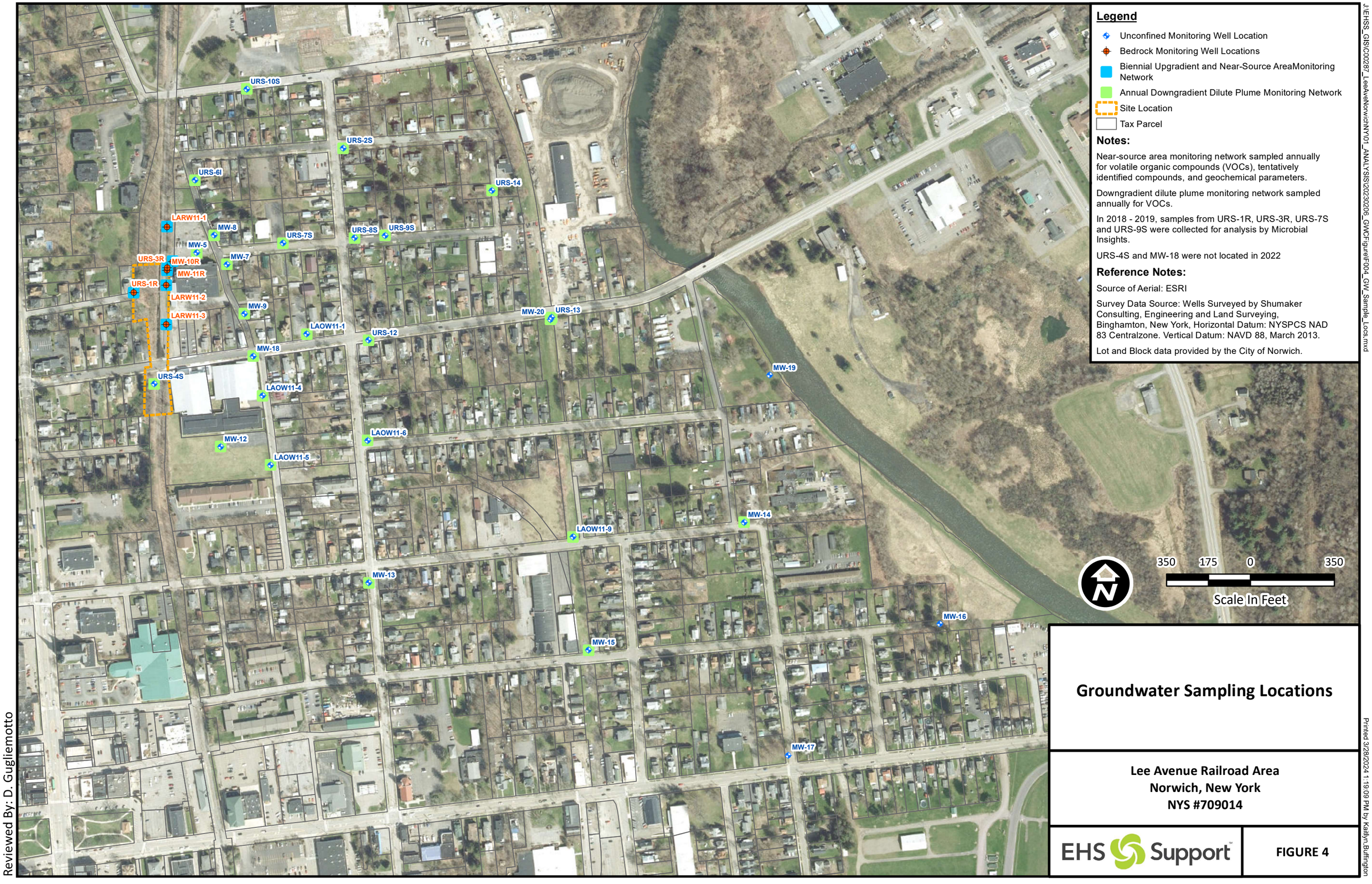
EHS Support

360 180 0 360
Scale In Feet

Lee Avenue Railroad Area
Norwich, New York
NYS #709014

FIGURE 3
UNCONFINED AQUIFER GROUNDWATER CONTOUR MAP

Drawn By: MDO	Date: 09/2013
Review By: MSS	Date: 09/2013
Scale: 1" = 360'	Plot: 09/2013



Legend

- Unconfined Monitoring Well Location
- Bedrock Monitoring Well Locations
- Biennial Upgradient and Near-Source AreaMonitoring Network
- Annual Downgradient Dilute Plume Monitoring Network
- Site Location
- Tax Parcel

Notes:

Near-source area monitoring network sampled annually for volatile organic compounds (VOCs), tentatively identified compounds, and geochemical parameters.

Downgradient dilute plume monitoring network sampled annually for VOCs.

In 2018 - 2019, samples from URS-1R, URS-3R, URS-7S and URS-9S were collected for analysis by Microbial Insights.

URS-4S and MW-18 were not located in 2022

Reference Notes:

Source of Aerial: ESRI

Survey Data Source: Wells Surveyed by Shumaker Consulting, Engineering and Land Surveying, Binghamton, New York, Horizontal Datum: NYSPCS NAD 83 Centralzone. Vertical Datum: NAVD 88, March 2013.

Lot and Block data provided by the City of Norwich.

Groundwater Sampling Locations

Lee Avenue Railroad Area
Norwich, New York
NYS #709014

EHS Support™

FIGURE 4

Reviewed By: D. Gugliemotto

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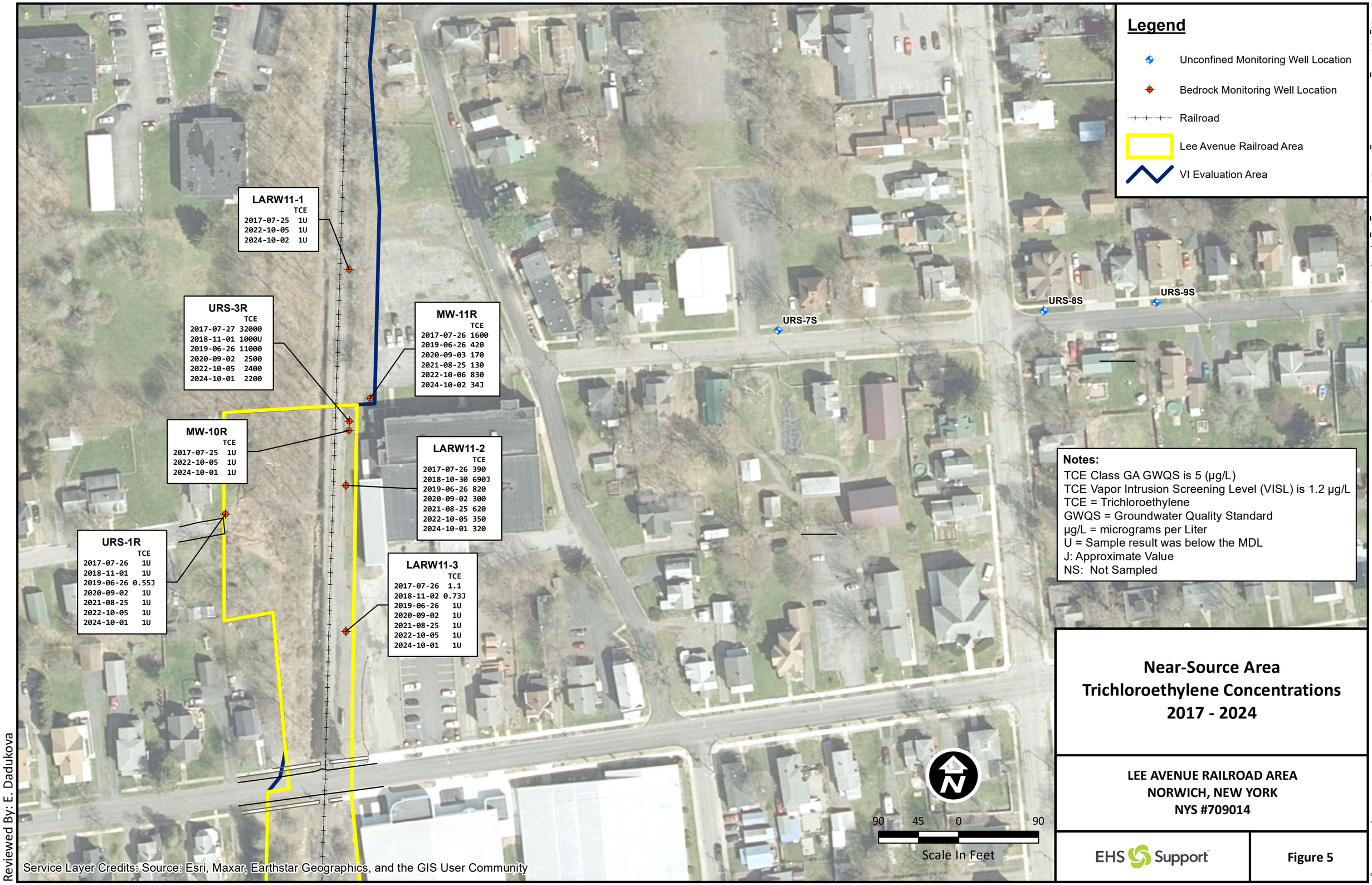

Near-Source Area Trichloroethylene Concentrations 2017 - 2024

LEE AVENUE RAILROAD AREA
NORWICH, NEW YORK
NYS #709014

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Figure 5

Reviewed By: E. Dadukova

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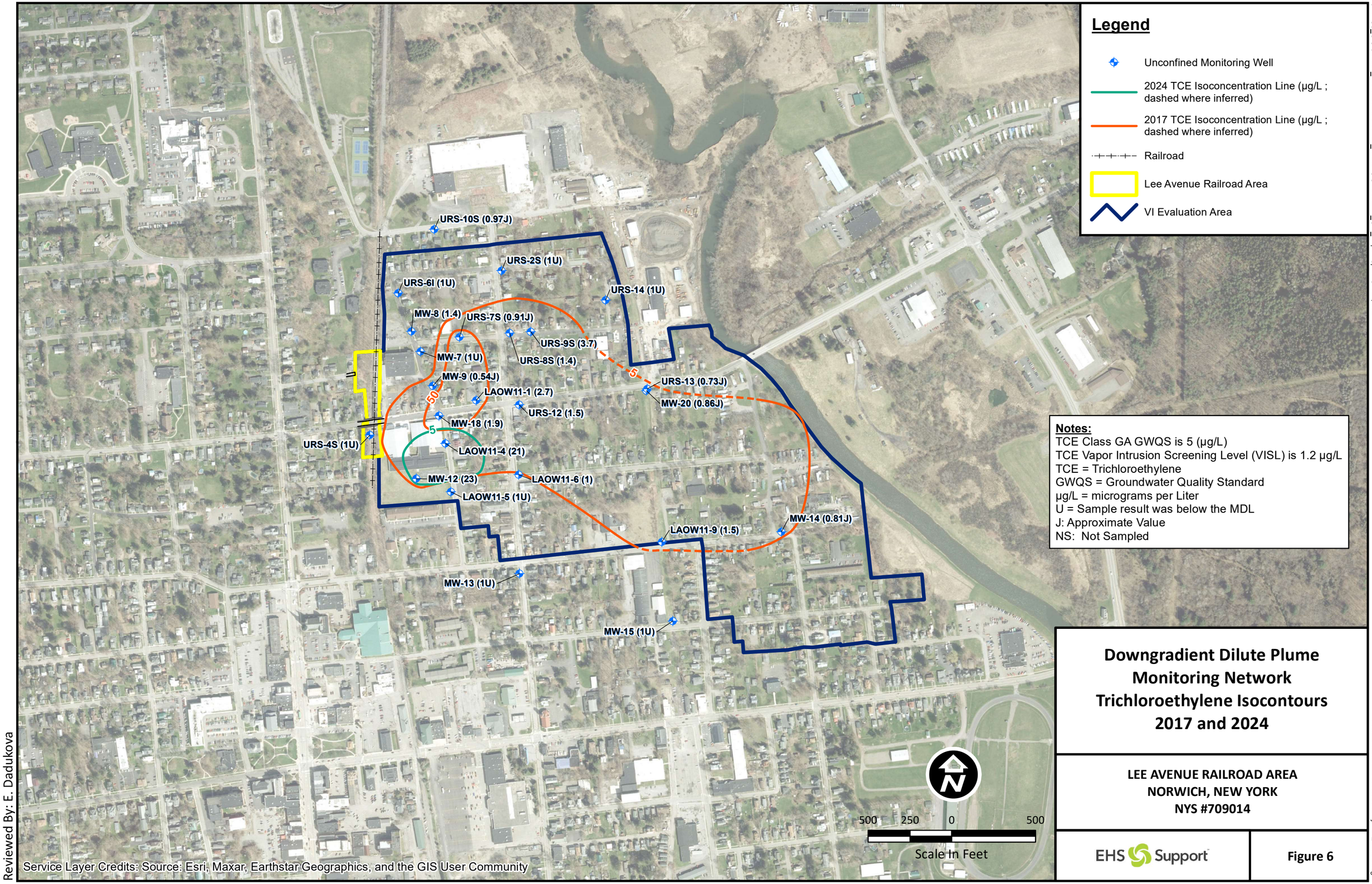

Downgradient Dilute Plume Monitoring Network Trichloroethylene Isocontours 2017 and 2024

LEE AVENUE RAILROAD AREA
NORWICH, NEW YORK
NYS #709014

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Figure 6

Reviewed By: E. Dadukova

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Appendix A 2024 Field Sampling Logs

Gauging Sheet – 2024
Lee Avenue Railroad Area – NYSDEC Site # 709014
Norwich, New York

LEE AVE RR SITE, Norwich NY							
Location	Date	PID PPM	CH4 % by Vol	O2 %	H2S PPM	CO PPM	CO2 % by Vol
SSDS-1	10/2/2024	0.0	1.0	20.9	0.0	0.0	0.0
SSDS-2	10/2/2024	0.0	0.0	20.9	0.0	0.0	0.1
SSDS-3	10/2/2024	0.0	0.0	20.9	0.0	0.0	0.3
SSDS-4	10/2/2024	0.0	0.0	20.9	0.0	0.0	0.2
SSDS-5	10/2/2024	0.0	0.0	20.9	0.0	0.0	0.0
SSDS-6	10/2/2024	0.0	1.0	20.9	0.0	0.0	0.0

Peak Reading							
Location	Date	PID PPM	CH4 % by Vol	O2 %	H2S PPM	CO PPM	CO2 % by Vol
IW-3	10/2/2024	0.0	10.0	9.0	0.0	12.0	10.5
IW-4	10/2/2024	1.0	14.0	8.7	10.5	68.0	11.3
IW-5	10/2/2024	6.5	15.0	7.0	100.0	193.0	17.1

Sustained Reading							
Location	Date	PID PPM	CH4 % by Vol	O2 %	H2S PPM	CO PPM	CO2 % by Vol
IW-3	10/2/2024	0.1	12.5	15.4	0.0	6.0	5.8
IW-4	10/2/2024	1.0	24.0	14.1	10.5	51.0	9.9
IW-5	10/2/2024	6.0	23.0	14.6	8.7	203.0	12.3

EHS Support

Low-Flow Development / Sampling Log

Well ID: LAOW11-1

		Project: Lee Avenue Railroad Area		**Page 1 of 1**	
Purging Data from Below Top of Casing (btoc)					
Purge Date: 10/1/2024	**Depth to Water (feet btoc): 10.47**	**Total Well Depth (feet btoc): 19.98**	**Water Column Height (H) (feet): 9.51**	**Screened Interval (feet btoc): 10 to 20**	**Casing diameter (D) (inches): 2**

Groundwater Purge Information		
Sampling Method: Low Flow	**Purge Equipment: PP-Peristaltic Pump**	
Tubing / Pump set at 17 ft. btoc	**Total Volume Removed: 1 Gal**	
Purge Start Time: 16:06 Purge End Time: 16:24	**Well Purged Dry: no**	**Time allowed to recharge before sampling (if applicable):**

Groundwater Purge Data

Time	Depth to Water (feet btoc)	Drawdown (feet)	Purge Rate (ml/min.)	pH (Units)	Specific Conductivity (mS/cm)	Turbidity (NTU)	Temp. (°C)	DO (mg/L)	O.R.P. (mV)	Remarks
16:12	10.55	0.08	225	7.23	0.866	1	19.22	0.99	209.00	
16:17	10.61	0.06	225	7.21	0.868	1	19.18	0.99	209.00	
16:22	10.66	0.05	225	7.19	0.867	1	19.35	0.98	208.00	

Groundwater Sample ID: LAOW11_1	**Groundwater Sample Time: 16:26**	**Duplicate Sample ID:**	**Duplicate Sample Time:**
Equipment/Rinsate Sample ID:	**Equipment/Rinsate Sample Time:**		**Sampler Name: M. Burge**
MS/MSD Sample ID:			**MS/MSD Sample Time:**
Analytical Methods: VOCs + Field Parameters			

Notes: NR = not recorded; btoc = below top of casing; ml/min = milliliters per minute; L = liters; mS/cm = MilliSiemens/centimeter; NTU = Nephelometric Turbidity Unit; °C = degrees Celsius; mg/L = milligrams per liter; mV = millivolt

EHS Support

Low-Flow Development / Sampling Log

Well ID: LAOW11-4

	Project: Lee Avenue Railroad Area			**Page 1 of 1**	
Purging Data from Below Top of Casing (btoc)					
Purge Date: 10/1/2024	**Depth to Water (feet btoc): 11.42**	**Total Well Depth (feet btoc): 20.05**	**Water Column Height (H) (feet): 8.63**	**Screened Interval (feet btoc): 15 to 20**	**Casing diameter (D) (inches): 0.75**

Groundwater Purge Information		
Sampling Method: Low Flow	**Purge Equipment: PP-Peristaltic Pump**	
Tubing / Pump set at 18 ft. btoc	**Total Volume Removed: 0.75 Gal**	
Purge Start Time: 12:36 Purge End Time: 12:54	**Well Purged Dry: no**	**Time allowed to recharge before sampling (if applicable):**

Groundwater Purge Data

Time	Depth to Water (feet btoc)	Drawdown (feet)	Purge Rate (ml/min.)	pH (Units)	Specific Conductivity (mS/cm)	Turbidity (NTU)	Temp. (°C)	DO (mg/L)	O.R.P. (mV)	Remarks
12:42			225	6.19	0.732	1	19.61	1.22	243.00	Small well unable to gauge during purging
12:47			225	6.19	0.74	1	19.77	1.11	241.00	
12:52			225	6.21	0.751	1	19.81	1.11	239.00	

Groundwater Sample ID: LAOW11_4	**Groundwater Sample Time: 12:56**	**Duplicate Sample ID:**	**Duplicate Sample Time:**
Equipment/Rinsate Sample ID:	**Equipment/Rinsate Sample Time:**		**Sampler Name: M. Burge**
MS/MSD Sample ID:			**MS/MSD Sample Time:**
Analytical Methods: VOCs + Field Parameters			

Notes: NR = not recorded; btoc = below top of casing; ml/min = milliliters per minute; L = liters; mS/cm = MilliSiemens/centimeter; NTU = Nephelometric Turbidity Unit; °C = degrees Celsius; mg/L = milligrams per liter; mV = millivolt

EHS Support

Low-Flow Development / Sampling Log

Well ID: LAOW11-5

	Project: Lee Avenue Railroad Area			**Page 1 of 1**	
Purging Data from Below Top of Casing (btoc)					
Purge Date: 10/1/2024	**Depth to Water (feet btoc): 12.32**	**Total Well Depth (feet btoc): 20**	**Water Column Height (H) (feet): 7.68**	**Screened Interval (feet btoc): 15 to 20**	**Casing diameter (D) (inches): 0.75**

Groundwater Purge Information			
Sampling Method: Low Flow	**Purge Equipment: PP-Peristaltic Pump**		
Tubing / Pump set at 17 ft. btoc	**Total Volume Removed: 0.75 Gal**		
Purge Start Time: 13:04 Purge End Time: 13:22	**Well Purged Dry: no**	**Time allowed to recharge before sampling (if applicable):**	

Groundwater Purge Data

Time	Depth to Water (feet btoc)	Drawdown (feet)	Purge Rate (ml/min.)	pH (Units)	Specific Conductivity (mS/cm)	Turbidity (NTU)	Temp. (°C)	DO (mg/L)	O.R.P. (mV)	Remarks
13:10			225	6.98	1.02	11	19.34	1.19	190.00	Small well unable to gauge during purging
13:15			225	6.99	1.03	11	19.15	1.22	189.00	
13:20			225	7.01	1.02	10	19.55	1.12	191.00	

Groundwater Sample ID: LAOW11_5	**Groundwater Sample Time: 13:26**	**Duplicate Sample ID:**	**Duplicate Sample Time:**
Equipment/Rinsate Sample ID:	**Equipment/Rinsate Sample Time:**		**Sampler Name: M. Burge**
MS/MSD Sample ID:			**MS/MSD Sample Time:**
Analytical Methods: VOCs + Field Parameters			

Notes: NR = not recorded; btoc = below top of casing; ml/min = milliliters per minute; L = liters; mS/cm = MilliSiemens/centimeter; NTU = Nephelometric Turbidity Unit; °C = degrees Celsius; mg/L = milligrams per liter; mV = millivolt

EHS Support

Low-Flow Development / Sampling Log

Well ID: LAOW11-6

		Project: Lee Avenue Railroad Area		**Page 1 of 1**	
Purging Data from Below Top of Casing (btoc)					
Purge Date: 10/2/2024	**Depth to Water (feet btoc): 13.02**	**Total Well Depth (feet btoc): 16.59**	**Water Column Height (H) (feet): 3.57**	**Screened Interval (feet btoc): 15 to 20**	**Casing diameter (D) (inches): 0.75**

Groundwater Purge Information		
Sampling Method: Low Flow	**Purge Equipment: PP-Peristaltic Pump**	
Tubing / Pump set at 18 ft. btoc	**Total Volume Removed: 0.75 Gal**	
Purge Start Time: 9:20 Purge End Time: 9:36	**Well Purged Dry: no**	**Time allowed to recharge before sampling (if applicable):**

Groundwater Purge Data

Time	Depth to Water (feet btoc)	Drawdown (feet)	Purge Rate (ml/min.)	pH (Units)	Specific Conductivity (mS/cm)	Turbidity (NTU)	Temp. (°C)	DO (mg/L)	O.R.P. (mV)	Remarks
9:25			225	7.47	1.27	15	14.96	2.11	235.00	Small well unable to gauge during purging
9:30			225	7.44	1.27	14	14.98	2.21	234.00	
9:35			225	7.44	1.27	14	15.01	2.22	234.00	

Groundwater Sample ID: LAOW11_6	**Groundwater Sample Time: 9:38**	**Duplicate Sample ID:**	**Duplicate Sample Time:**
Equipment/Rinsate Sample ID:	**Equipment/Rinsate Sample Time:**		**Sampler Name: M. Burge**
MS/MSD Sample ID:			**MS/MSD Sample Time:**
Analytical Methods: VOCs + Field Parameters			

Notes: NR = not recorded; btoc = below top of casing; ml/min = milliliters per minute; L = liters; mS/cm = MilliSiemens/centimeter; NTU = Nephelometric Turbidity Unit; °C = degrees Celsius; mg/L = milligrams per liter; mV = millivolt

EHS Support

Low-Flow Development / Sampling Log

Well ID: LAOW11-9

	Project: Lee Avenue Railroad Area			**Page 1 of 1**	
Purging Data from Below Top of Casing (btoc)					
Purge Date: 10/1/2024	**Depth to Water (feet btoc): 12.00**	**Total Well Depth (feet btoc): 19.56**	**Water Column Height (H) (feet): 7.56**	**Screened Interval (feet btoc): 15 to 20**	**Casing diameter (D) (inches): 0.75**

Groundwater Purge Information		
Sampling Method: Low Flow	**Purge Equipment: PP-Peristaltic Pump**	
Tubing / Pump set at 17 ft. btoc	**Total Volume Removed: 0.75 Gal**	
Purge Start Time: 13:52 Purge End Time: 14:09	**Well Purged Dry: no**	**Time allowed to recharge before sampling (if applicable):**

Groundwater Purge Data

Time	Depth to Water (feet btoc)	Drawdown (feet)	Purge Rate (ml/min.)	pH (Units)	Specific Conductivity (mS/cm)	Turbidity (NTU)	Temp. (°C)	DO (mg/L)	O.R.P. (mV)	Remarks
13:57			225	7.66	1.15	25	21.26	1.52	184.00	Small well unable to gauge during purging
14:02			225	7.69	1.15	22	20.99	1.55	182.00	
14:07			225	7.70	1.14	23	20.94	1.54	181.00	

Groundwater Sample ID: LAOW11_9	**Groundwater Sample Time: 14:12**	**Duplicate Sample ID:**	**Duplicate Sample Time:**
Equipment/Rinsate Sample ID:	**Equipment/Rinsate Sample Time:**		**Sampler Name: M. Burge**
MS/MSD Sample ID:			**MS/MSD Sample Time:**
Analytical Methods: VOCs + Field Parameters			

Notes: NR = not recorded; btoc = below top of casing; ml/min = milliliters per minute; L = liters; mS/cm = MilliSiemens/centimeter; NTU = Nephelometric Turbidity Unit; °C = degrees Celsius; mg/L = milligrams per liter; mV = millivolt

EHS Support

Low-Flow Development / Sampling Log

Well ID: LARW11-1

		Project: Lee Avenue Railroad Area		**Page 1 of 1**	
Purging Data from Below Top of Casing (btoc)					
Purge Date: 10/2/2024	**Depth to Water (feet btoc): 11.79**	**Total Well Depth (feet btoc): 30.7**	**Water Column Height (H) (feet): 18.91**	**Screened Interval (feet btoc): 21.5 to 31.5**	**Casing diameter (D) (inches): 2**

Groundwater Purge Information		
Sampling Method: Low Flow	**Purge Equipment: PP-Peristaltic Pump**	
Tubing / Pump set at 25 ft. btoc	**Total Volume Removed: 1.5 Gal**	
Purge Start Time: 11:00 Purge End Time: 11:25	**Well Purged Dry: no**	**Time allowed to recharge before sampling (if applicable):**

Groundwater Purge Data

Time	Depth to Water (feet btoc)	Drawdown (feet)	Purge Rate (ml/min.)	pH (Units)	Specific Conductivity (mS/cm)	Turbidity (NTU)	Temp. (°C)	DO (mg/L)	O.R.P. (mV)	Remarks
11:05	13.20	1.41	200	7.48	0.544	22	13.64	0.51	74.00	
11:10	13.70	0.50	200	7.46	0.545	19	13.45	0.28	-24.00	
11:15	14.30	0.60	200	7.41	0.548	14	13.35	0.15	-32.00	
11:20	14.80	0.50	200	7.39	0.55	15	13.30	0.09	-31.00	

Groundwater Sample ID: LARW11_1	**Groundwater Sample Time: 11:25**	**Duplicate Sample ID:**	**Duplicate Sample Time:**
Equipment/Rinsate Sample ID:	**Equipment/Rinsate Sample Time:**		**Sampler Name: M. Duncan**
MS/MSD Sample ID:			**MS/MSD Sample Time:**
Analytical Methods:			

Notes: NR = not recorded; btoc = below top of casing; ml/min = milliliters per minute; L = liters; mS/cm = MilliSiemens/centimeter; NTU = Nephelometric Turbidity Unit; °C = degrees Celsius; mg/L = milligrams per liter; mV = millivolt

EHS Support

Low-Flow Development / Sampling Log

Well ID: LARW11-2

		Project: Lee Avenue Railroad Area		**Page 1 of 1**	
Purging Data from Below Top of Casing (btoc)					
Purge Date: 10/1/2024	**Depth to Water (feet btoc): 8.34**	**Total Well Depth (feet btoc): 31.45**	**Water Column Height (H) (feet): 23.11**	**Screened Interval (feet btoc): 21.5 to 31.5**	**Casing diameter (D) (inches): 2**

Groundwater Purge Information		
Sampling Method: Low Flow	**Purge Equipment: PP-Peristaltic Pump**	
Tubing / Pump set at 26 ft. btoc	**Total Volume Removed: 1.5 Gal**	
Purge Start Time: 13:13 Purge End Time: 13:42	**Well Purged Dry: no**	**Time allowed to recharge before sampling (if applicable):**

Groundwater Purge Data

Time	Depth to Water (feet btoc)	Drawdown (feet)	Purge Rate (ml/min.)	pH (Units)	Specific Conductivity (mS/cm)	Turbidity (NTU)	Temp. (°C)	DO (mg/L)	O.R.P. (mV)	Remarks
13:18	9.50	1.16	250	7.43	0.64	2	19.62	0.61	67.00	
13:23	10.49	0.99	220	7.36	0.664	2	18.61	0.20	55.00	
13:28	11.53	1.04	200	7.35	0.663	2	18.51	0.05	46.00	
13:33	12.50	0.97	200	7.34	0.647	2	18.76	0.07	42.00	
13:38	13.40	0.90	200	7.33	0.643	2	19.01	0.06	41.00	

Groundwater Sample ID: LARW11_2	**Groundwater Sample Time: 13:42**	**Duplicate Sample ID:**	**Duplicate Sample Time:**
Equipment/Rinsate Sample ID:	**Equipment/Rinsate Sample Time:**		**Sampler Name: M. Duncan**
MS/MSD Sample ID:			**MS/MSD Sample Time:**
Analytical Methods: VOCs			

Notes: NR = not recorded; btoc = below top of casing; ml/min = milliliters per minute; L = liters; mS/cm = MilliSiemens/centimeter; NTU = Nephelometric Turbidity Unit; °C = degrees Celsius; mg/L = milligrams per liter; mV = millivolt

EHS Support

Low-Flow Development / Sampling Log

Well ID: LARW11-3

		Project: Lee Avenue Railroad Area		**Page 1 of 1**	
Purging Data from Below Top of Casing (btoc)					
Purge Date: 10/1/2024	**Depth to Water (feet btoc): 14.05**	**Total Well Depth (feet btoc): 41.41**	**Water Column Height (H) (feet): 27.36**	**Screened Interval (feet btoc): 31.5 to 41.5**	**Casing diameter (D) (inches): 2**

Groundwater Purge Information		
Sampling Method: Low Flow	**Purge Equipment: PP-Peristaltic Pump**	
Tubing / Pump set at 37 ft. btoc	**Total Volume Removed: 2 Gal**	
Purge Start Time: 12:27 Purge End Time: 12:55	**Well Purged Dry: no**	**Time allowed to recharge before sampling (if applicable):**

Groundwater Purge Data

Time	Depth to Water (feet btoc)	Drawdown (feet)	Purge Rate (ml/min.)	pH (Units)	Specific Conductivity (mS/cm)	Turbidity (NTU)	Temp. (oC)	DO (mg/L)	O.R.P. (mV)	Remarks
12:32	15.25	1.20	300	7.62	0.780	27	14.95	1.01	-91.00	
12:37	15.70	0.45	250	7.53	0.782	35	14.68	2.20	-118.00	
12:42	16.25	0.55	250	7.53	0.780	20	14.38	1.78	-128.00	
12:47	16.56	0.31	250	7.54	0.775	17	14.26	1.66	-132.00	
12:52	16.90	0.34	250	7.54	0.776	18	14.30	1.78	-133.00	

Groundwater Sample ID: LARW11_3	**Groundwater Sample Time: 12:55**	**Duplicate Sample ID:**	**Duplicate Sample Time:**
Equipment/Rinsate Sample ID:	**Equipment/Rinsate Sample Time:**		**Sampler Name: M. Duncan**
MS/MSD Sample ID:			**MS/MSD Sample Time:**
Analytical Methods: VOCs			

Notes: NR = not recorded; btoc = below top of casing; ml/min = milliliters per minute; L = liters; mS/cm = MilliSiemens/centimeter; NTU = Nephelometric Turbidity Unit; °C = degrees Celsius; mg/L = milligrams per liter; mV = millivolt

EHS Support

Low-Flow Development / Sampling Log

Well ID: MW-5

	Project: Lee Avenue Railroad Area			**Page 1 of 1**	
Purging Data from Below Top of Casing (btoc)					
Purge Date: 10/2/2024	**Depth to Water (feet btoc):**	**Total Well Depth (feet btoc): 15**	**Water Column Height (H) (feet):**	**Screened Interval (feet btoc): 5 to 15**	**Casing diameter (D) (inches): 2**

Groundwater Purge Information										
Sampling Method:	**Purge Equipment:**									
Tubing / Pump set at	**Total Volume Removed:**									
Purge Start Time: Purge End Time:		**Well Purged Dry:**				**Time allowed to recharge before sampling (if applicable):**				
Groundwater Purge Data										
Time	Depth to Water (feet btoc)	Drawdown (feet)	Purge Rate (ml/min.)	pH (Units)	Specific Conductivity (mS/cm)	Turbidity (NTU)	Temp. (°C)	DO (mg/L)	O.R.P. (mV)	Remarks

Groundwater Sample ID: no sample collected	**Groundwater Sample Time:**	**Duplicate Sample ID:**	**Duplicate Sample Time:**
Equipment/Rinsate Sample ID:	**Equipment/Rinsate Sample Time:**		**Sampler Name: M. Duncan**
MS/MSD Sample ID:			**MS/MSD Sample Time:**
Analytical Methods: VOCs + Field Parameters			

Notes: NR = not recorded; btoc = below top of casing; ml/min = milliliters per minute; L = liters; mS/cm = MilliSiemens/centimeter; NTU = Nephelometric Turbidity Unit; °C = degrees Celsius; mg/L = milligrams per liter; mV = millivolt

EHS Support

Low-Flow Development / Sampling Log

Well ID: MW-7

	Project: Lee Avenue Railroad Area			**Page 1 of 1**	
Purging Data from Below Top of Casing (btoc)					
Purge Date: 10/2/2024	**Depth to Water (feet btoc): 11.77**	**Total Well Depth (feet btoc): 19.11**	**Water Column Height (H) (feet): 7.34**	**Screened Interval (feet btoc): 9 to 19**	**Casing diameter (D) (inches): 2**

Groundwater Purge Information		
Sampling Method: Low Flow	**Purge Equipment: PP-Peristaltic Pump**	
Tubing / Pump set at 16 ft. btoc	**Total Volume Removed: 1.5 Gal**	
Purge Start Time: 9:34 Purge End Time: 9:52	**Well Purged Dry: no**	**Time allowed to recharge before sampling (if applicable):**

Groundwater Purge Data

Time	Depth to Water (feet btoc)	Drawdown (feet)	Purge Rate (ml/min.)	pH (Units)	Specific Conductivity (mS/cm)	Turbidity (NTU)	Temp. (oC)	DO (mg/L)	O.R.P. (mV)	Remarks
9:39	11.93	0.16	200	7.02	0.888	0	15.94	5.81	233.00	
9:44	11.95	0.02	200	7.01	0.896	0	16.15	5.58	237.00	
9:49	11.98	0.03	200	7.00	0.914	0	16.22	5.53	238.00	

Groundwater Sample ID: MW-7	**Groundwater Sample Time: 9:52**	**Duplicate Sample ID:**	**Duplicate Sample Time:**
Equipment/Rinsate Sample ID:	**Equipment/Rinsate Sample Time:**		**Sampler Name: M. Duncan**
MS/MSD Sample ID:			**MS/MSD Sample Time:**
Analytical Methods: VOCs + Field Parameters			

Notes: NR = not recorded; btoc = below top of casing; ml/min = milliliters per minute; L = liters; mS/cm = MilliSiemens/centimeter; NTU = Nephelometric Turbidity Unit; ^{o}C = degrees Celsius; mg/L = milligrams per liter; mV = millivolt

EHS Support

Low-Flow Development / Sampling Log

Well ID: MW-8

	Project: Lee Avenue Railroad Area			**Page 1 of 1**	
Purging Data from Below Top of Casing (btoc)					
Purge Date: 10/2/2024	**Depth to Water (feet btoc): 11.89**	**Total Well Depth (feet btoc): 16.85**	**Water Column Height (H) (feet): 4.96**	**Screened Interval (feet btoc): 7 to 17**	**Casing diameter (D) (inches): 2**

Groundwater Purge Information		
Sampling Method: Low Flow	**Purge Equipment: PP-Peristaltic Pump**	
Tubing / Pump set at 15 ft. btoc	**Total Volume Removed: 2 Gal**	
Purge Start Time: 8:54 Purge End Time: 9:18	**Well Purged Dry: no**	**Time allowed to recharge before sampling (if applicable):**

Groundwater Purge Data

Time	Depth to Water (feet btoc)	Drawdown (feet)	Purge Rate (ml/min.)	pH (Units)	Specific Conductivity (mS/cm)	Turbidity (NTU)	Temp. (°C)	DO (mg/L)	O.R.P. (mV)	Remarks
8:59	12.00	0.11	200	7.19	0.437	1	15.88	5.13	203.00	
9:04	12.10	0.10	200	6.95	0.437	4	16.25	4.89	216.00	
9:09	12.10	0.00	200	6.90	0.447	7	16.36	4.81	222.00	
9:14	12.10	0.00	200	6.89	0.45	6	16.42	4.76	226.00	

Groundwater Sample ID: MW-8	**Groundwater Sample Time: 9:18**	**Duplicate Sample ID:**	**Duplicate Sample Time:**
Equipment/Rinsate Sample ID:	**Equipment/Rinsate Sample Time:**		**Sampler Name: M. Duncan**
MS/MSD Sample ID:			**MS/MSD Sample Time:**
Analytical Methods: VOCs + Field Parameters			

Notes: NR = not recorded; btoc = below top of casing; ml/min = milliliters per minute; L = liters; mS/cm = MilliSiemens/centimeter; NTU = Nephelometric Turbidity Unit; °C = degrees Celsius; mg/L = milligrams per liter; mV = millivolt

EHS Support

Low-Flow Development / Sampling Log

Well ID: MW-9

	Project: Lee Avenue Railroad Area			**Page 1 of 1**	
Purging Data from Below Top of Casing (btoc)					
Purge Date: 10/2/2024	**Depth to Water (feet btoc): 10.49**	**Total Well Depth (feet btoc): 16.3**	**Water Column Height (H) (feet): 5.81**	**Screened Interval (feet btoc): 7 to 17**	**Casing diameter (D) (inches): 2**

Groundwater Purge Information		
Sampling Method: Low Flow	**Purge Equipment: PP-Peristaltic Pump**	
Tubing / Pump set at 15 ft. btoc	**Total Volume Removed: 1 Gal**	
Purge Start Time: 10:11 Purge End Time: 10:30	**Well Purged Dry: no**	**Time allowed to recharge before sampling (if applicable):**

Groundwater Purge Data

Time	Depth to Water (feet btoc)	Drawdown (feet)	Purge Rate (ml/min.)	pH (Units)	Specific Conductivity (mS/cm)	Turbidity (NTU)	Temp. (°C)	DO (mg/L)	O.R.P. (mV)	Remarks
10:16	10.45	-0.04	200	7.21	0.964	0	16.83	4.49	231.00	
10:21	10.50	0.05	200	7.22	0.963	0	16.83	4.35	231.00	
10:26	10.51	0.01	200	7.22	0.962	0	16.87	4.30	231.00	

Groundwater Sample ID: MW-9	**Groundwater Sample Time: 10:30**	**Duplicate Sample ID:**	**Duplicate Sample Time:**
Equipment/Rinsate Sample ID:	**Equipment/Rinsate Sample Time:**		**Sampler Name: M. Duncan**
MS/MSD Sample ID:			**MS/MSD Sample Time:**
Analytical Methods: VOCs + Field Parameters			

Notes: NR = not recorded; btoc = below top of casing; ml/min = milliliters per minute; L = liters; mS/cm = MilliSiemens/centimeter; NTU = Nephelometric Turbidity Unit; °C = degrees Celsius; mg/L = milligrams per liter; mV = millivolt

EHS Support

Low-Flow Development / Sampling Log

Well ID: MW-10R

		Project: Lee Avenue Railroad Area		**Page 1 of 1**	
Purging Data from Below Top of Casing (btoc)					
Purge Date: 10/1/2024	**Depth to Water (feet btoc): 15.01**	**Total Well Depth (feet btoc): 40.32**	**Water Column Height (H) (feet): 25.31**	**Screened Interval (feet btoc): 35.5 to 40.5**	**Casing diameter (D) (inches): 2**

Groundwater Purge Information		
Sampling Method: Low Flow	**Purge Equipment: PP-Peristaltic Pump**	
Tubing / Pump set at 38 ft. btoc	**Total Volume Removed: 1.5 Gal**	
Purge Start Time: 14:15 Purge End Time: 14:50	**Well Purged Dry: no**	**Time allowed to recharge before sampling (if applicable):**

Groundwater Purge Data

Time	Depth to Water (feet btoc)	Drawdown (feet)	Purge Rate (ml/min.)	pH (Units)	Specific Conductivity (mS/cm)	Turbidity (NTU)	Temp. (°C)	DO (mg/L)	O.R.P. (mV)	Remarks
14:20	16.20	1.19	200	7.94	0.383	10	18.03	0.55	-75.00	
14:25	17.20	1.00	200	7.92	0.391	12	17.65	0.63	-95.00	
14:30	18.60	1.40	200	7.96	0.393	17	17.24	1.00	-123.00	
14:35	20.20	1.60	200	8.02	0.392	25	17.17	1.27	-141.00	
14:40	21.50	1.30	200	8.07	0.393	30	17.24	1.36	-148.00	
14:45	22.50	1.00	200	8.09	0.397	26	17.06	1.40	-151.00	

Groundwater Sample ID: MW-10R	**Groundwater Sample Time: 14:50**	**Duplicate Sample ID:**	**Duplicate Sample Time:**
Equipment/Rinsate Sample ID:	**Equipment/Rinsate Sample Time:**		**Sampler Name: M.Duncan**
MS/MSD Sample ID:			**MS/MSD Sample Time:**
Analytical Methods: VOCs			

Notes: NR = not recorded; btoc = below top of casing; ml/min = milliliters per minute; L = liters; mS/cm = MilliSiemens/centimeter; NTU = Nephelometric Turbidity Unit; °C = degrees Celsius; mg/L = milligrams per liter; mV = millivolt

EHS Support

Low-Flow Development / Sampling Log

Well ID: MW-11R

	Project: Lee Avenue Railroad Area			**Page 1 of 1**	
Purging Data from Below Top of Casing (btoc)					
Purge Date: 10/2/2024	**Depth to Water (feet btoc): 8.15**	**Total Well Depth (feet btoc): 17.23**	**Water Column Height (H) (feet): 9.08**	**Screened Interval (feet btoc): 12.5 to 17.5**	**Casing diameter (D) (inches): 2**

Groundwater Purge Information		
Sampling Method: Low Flow	**Purge Equipment: PP-Peristaltic Pump**	
Tubing / Pump set at 15 ft. btoc	**Total Volume Removed: 1.5 Gal**	
Purge Start Time: 15:40 Purge End Time: 16:06	**Well Purged Dry: yes**	**Time allowed to recharge before sampling (if applicable): 24 hours**

Groundwater Purge Data

Time	Depth to Water (feet btoc)	Drawdown (feet)	Purge Rate (ml/min.)	pH (Units)	Specific Conductivity (mS/cm)	Turbidity (NTU)	Temp. (°C)	DO (mg/L)	O.R.P. (mV)	Remarks
15:46	9.30	1.15	170	6.84	0.745	40	18.87	2.87	-107.00	
15:51	10.00	0.70	170	6.78	0.748	51	19.02	2.45	-113.00	
15:56	11.10	1.10	150	6.75	0.753	47	18.95	1.96	-115.00	
16:01	12.50	1.40	150	6.76	0.758	55	18.89	1.86	-116.00	Well purged dry on 10/02/2024 at 1606

Groundwater Sample ID: MW-11R	**Groundwater Sample Time: 11:45**	**Duplicate Sample ID:**	**Duplicate Sample Time:**
Equipment/Rinsate Sample ID:	**Equipment/Rinsate Sample Time:**		**Sampler Name: M. Duncan**
MS/MSD Sample ID:			**MS/MSD Sample Time:**
Analytical Methods:			

Notes: NR = not recorded; btoc = below top of casing; ml/min = milliliters per minute; L = liters; mS/cm = MilliSiemens/centimeter; NTU = Nephelometric Turbidity Unit; °C = degrees Celsius; mg/L = milligrams per liter; mV = millivolt

EHS Support

Low-Flow Development / Sampling Log

Well ID: MW-12

	Project: Lee Avenue Railroad Area			**Page 1 of 1**	
Purging Data from Below Top of Casing (btoc)					
Purge Date: 10/2/2024	**Depth to Water (feet btoc): 11.46**	**Total Well Depth (feet btoc): 13.51**	**Water Column Height (H) (feet): 1.05**	**Screened Interval (feet btoc): 9 to 14**	**Casing diameter (D) (inches): 2**

Groundwater Purge Information		
Sampling Method: Low Flow	**Purge Equipment: PP-Peristaltic Pump**	
Tubing / Pump set at 13 ft. btoc	**Total Volume Removed: 0.3 Gal**	
Purge Start Time: 13:34 Purge End Time: 13:41	**Well Purged Dry: yes**	**Time allowed to recharge before sampling (if applicable):**

Groundwater Purge Data

Time	Depth to Water (feet btoc)	Drawdown (feet)	Purge Rate (ml/min.)	pH (Units)	Specific Conductivity (mS/cm)	Turbidity (NTU)	Temp. (°C)	DO (mg/L)	O.R.P. (mV)	Remarks
13:40	13.44	1.98	225	7.24	0.967	5	19.64	1.21	201.00	Well purged dry on 10/01/24 at 1341

Groundwater Sample ID: MW-12	**Groundwater Sample Time: 10:36**	**Duplicate Sample ID:**	**Duplicate Sample Time:**
Equipment/Rinsate Sample ID:	**Equipment/Rinsate Sample Time:**		**Sampler Name: M. Burge**
MS/MSD Sample ID:			**MS/MSD Sample Time:**
Analytical Methods: VOCs + Field Parameters			

Notes: NR = not recorded; btoc = below top of casing; ml/min = milliliters per minute; L = liters; mS/cm = MilliSiemens/centimeter; NTU = Nephelometric Turbidity Unit; °C = degrees Celsius; mg/L = milligrams per liter; mV = millivolt

EHS Support

Low-Flow Development / Sampling Log

Well ID: MW-13

	Project: Lee Avenue Railroad Area			**Page 1 of 1**	
Purging Data from Below Top of Casing (btoc)					
Purge Date: 10/2/2024	**Depth to Water (feet btoc): 9.51**	**Total Well Depth (feet btoc): 11.98**	**Water Column Height (H) (feet): 2.47**	**Screened Interval (feet btoc): 7 to 12**	**Casing diameter (D) (inches): 2**

Groundwater Purge Information		
Sampling Method: Low Flow	**Purge Equipment: PP-Peristaltic Pump**	
Tubing / Pump set at 10 ft. btoc	**Total Volume Removed: 1 Gal**	
Purge Start Time: 9:53 Purge End Time: 10:15	**Well Purged Dry: no**	**Time allowed to recharge before sampling (if applicable):**

Groundwater Purge Data

Time	Depth to Water (feet btoc)	Drawdown (feet)	Purge Rate (ml/min.)	pH (Units)	Specific Conductivity (mS/cm)	Turbidity (NTU)	Temp. (°C)	DO (mg/L)	O.R.P. (mV)	Remarks
9:59	9.56	0.05	225	7.48	2.39	45	16.01	3.21	218.00	
10:04	9.58	0.02	225	7.46	2.3	44	16.15	3.19	218.00	
10:09	9.61	0.03	225	7.44	2.27	41	16.16	3.15	218.00	
10:14	9.62	0.01	225	7.40	2.22	40	16.15	3.11	222.00	

Groundwater Sample ID: MW-13	**Groundwater Sample Time: 10:18**	**Duplicate Sample ID:**	**Duplicate Sample Time:**
Equipment/Rinsate Sample ID:	**Equipment/Rinsate Sample Time:**		**Sampler Name: M. Burge**
MS/MSD Sample ID:			**MS/MSD Sample Time:**
Analytical Methods: VOCs + Field Parameters			

Notes: NR = not recorded; btoc = below top of casing; ml/min = milliliters per minute; L = liters; mS/cm = MilliSiemens/centimeter; NTU = Nephelometric Turbidity Unit; °C = degrees Celsius; mg/L = milligrams per liter; mV = millivolt

EHS Support

Low-Flow Development / Sampling Log

Well ID: MW-14

Well ID:	**Project: Lee Avenue Railroad Area**	**Page 1 of 1**

Purging Data from Below Top of Casing (btoc)

Purge Date: 10/1/2024	**Depth to Water (feet btoc): 9.24**	**Total Well Depth (feet btoc): 16.88**	**Water Column Height (H) (feet): 7.64**	**Screened Interval (feet btoc): 12 to 17**	**Casing diameter (D) (inches): 2**

Groundwater Purge Information

Sampling Method: Low Flow	**Purge Equipment: PP-Peristaltic Pump**	
Tubing / Pump set at 15 ft. btoc	**Total Volume Removed: 1 Gal**	
Purge Start Time: 14:58 Purge End Time: 15:15	**Well Purged Dry: no**	**Time allowed to recharge before sampling (if applicable):**

Groundwater Purge Data

Time	Depth to Water (feet btoc)	Drawdown (feet)	Purge Rate (ml/min.)	pH (Units)	Specific Conductivity (mS/cm)	Turbidity (NTU)	Temp. (°C)	DO (mg/L)	O.R.P. (mV)	Remarks
15:04	9.30	0.06	225	7.19	1.15	4	18.13	1.12	214.00	
15:09	9.34	0.04	225	7.17	1.18	22	18.10	1.12	213.00	
15:14	9.36	0.02	225	7.16	1.18	22	18.05	1.09	213.00	

Groundwater Sample ID: MW-14	**Groundwater Sample Time: 15:16**	**Duplicate Sample ID:**	**Duplicate Sample Time:**
Equipment/Rinsate Sample ID:	**Equipment/Rinsate Sample Time:**		**Sampler Name: M. Burge**
MS/MSD Sample ID:			**MS/MSD Sample Time:**

Analytical Methods: VOCs + Field Parameters

Notes: NR = not recorded; btoc = below top of casing; ml/min = milliliters per minute; L = liters; mS/cm = MilliSiemens/centimeter; NTU = Nephelometric Turbidity Unit; °C = degrees Celsius; mg/L = milligrams per liter; mV = millivolt

EHS Support

Low-Flow Development / Sampling Log

Well ID: MW-15

	Project: Lee Avenue Railroad Area			**Page 1 of 1**	
Purging Data from Below Top of Casing (btoc)					
Purge Date: 10/1/2024	**Depth to Water (feet btoc): 10.22**	**Total Well Depth (feet btoc): 13.68**	**Water Column Height (H) (feet): 3.46**	**Screened Interval (feet btoc): 9 to 14**	**Casing diameter (D) (inches): 2**

Groundwater Purge Information			
Sampling Method: Low Flow	**Purge Equipment: PP-Peristaltic Pump**		
Tubing / Pump set at 12 ft. btoc	**Total Volume Removed: 1 Gal**		
Purge Start Time: 14:20 Purge End Time: 14:42	**Well Purged Dry: no**	**Time allowed to recharge before sampling (if applicable):**	

Groundwater Purge Data

Time	Depth to Water (feet btoc)	Drawdown (feet)	Purge Rate (ml/min.)	pH (Units)	Specific Conductivity (mS/cm)	Turbidity (NTU)	Temp. (°C)	DO (mg/L)	O.R.P. (mV)	Remarks
14:25	10.26	0.04	225	7.63	1.48	18	20.28	1.51	187.00	
14:30	10.27	0.01	225	7.63	1.47	14	20.51	1.51	185.00	
14:35	10.30	0.03	225	7.63	1.47	15	20.49	1.49	181.00	
14:40	10.31	0.01	225	7.64	1.47	15	20.45	1.49	181.00	

Groundwater Sample ID: MW-15	**Groundwater Sample Time: 14:44**	**Duplicate Sample ID:**	**Duplicate Sample Time:**
Equipment/Rinsate Sample ID:	**Equipment/Rinsate Sample Time:**		**Sampler Name: M. Burge**
MS/MSD Sample ID:			**MS/MSD Sample Time:**
Analytical Methods: VOCs + Field Parameters			

Notes: NR = not recorded; btoc = below top of casing; ml/min = milliliters per minute; L = liters; mS/cm = MilliSiemens/centimeter; NTU = Nephelometric Turbidity Unit; °C = degrees Celsius; mg/L = milligrams per liter; mV = millivolt

EHS Support

Low-Flow Development / Sampling Log

Well ID: MW-18

	Project: Lee Avenue Railroad Area			**Page 1 of 1**	
Purging Data from Below Top of Casing (btoc)					
Purge Date: 10/2/2024	**Depth to Water (feet btoc): 11.45**	**Total Well Depth (feet btoc): 17.95**	**Water Column Height (H) (feet): 6.5**	**Screened Interval (feet btoc): 13 to 18**	**Casing diameter (D) (inches): 2**

Groundwater Purge Information		
Sampling Method: Low Flow	**Purge Equipment: PP-Peristaltic Pump**	
Tubing / Pump set at 16 ft. btoc	**Total Volume Removed: 1 Gal**	
Purge Start Time: 13:52 Purge End Time: 14:13	**Well Purged Dry: no**	**Time allowed to recharge before sampling (if applicable):**

Groundwater Purge Data

Time	Depth to Water (feet btoc)	Drawdown (feet)	Purge Rate (ml/min.)	pH (Units)	Specific Conductivity (mS/cm)	Turbidity (NTU)	Temp. (°C)	DO (mg/L)	O.R.P. (mV)	Remarks
13:57	11.47	0.02	225	7.25	0.369	3	16.21	4.55	221.00	
14:02	11.51	0.04	225	7.21	0.354	2	16.24	4.57	228.00	
14:07	11.52	0.01	225	7.19	0.352	2	16.24	4.58	229.00	
14:12	11.53	0.01	225	7.21	0.351	2	16.25	4.58	231.00	

Groundwater Sample ID: MW-18	**Groundwater Sample Time: 14:14**	**Duplicate Sample ID:**	**Duplicate Sample Time:**
Equipment/Rinsate Sample ID:	**Equipment/Rinsate Sample Time:**		**Sampler Name: M. Burge**
MS/MSD Sample ID:			**MS/MSD Sample Time:**
Analytical Methods: VOCs + Field Parameters			

Notes: NR = not recorded; btoc = below top of casing; ml/min = milliliters per minute; L = liters; mS/cm = MilliSiemens/centimeter; NTU = Nephelometric Turbidity Unit; °C = degrees Celsius; mg/L = milligrams per liter; mV = millivolt

EHS Support

Low-Flow Development / Sampling Log

Well ID: MW-20

	Project: Lee Avenue Railroad Area			**Page 1 of 1**	
Purging Data from Below Top of Casing (btoc)					
Purge Date: 10/2/2024	**Depth to Water (feet btoc): 12.26**	**Total Well Depth (feet btoc): 25**	**Water Column Height (H) (feet): 12.74**	**Screened Interval (feet btoc): 22 to 27**	**Casing diameter (D) (inches): 2**

Groundwater Purge Information		
Sampling Method: Low Flow	**Purge Equipment: PP-Peristaltic Pump**	
Tubing / Pump set at 25 ft. btoc	**Total Volume Removed: 1 Gal**	
Purge Start Time: 8:46 Purge End Time: 9:03	**Well Purged Dry: no**	**Time allowed to recharge before sampling (if applicable):**

Groundwater Purge Data

Time	Depth to Water (feet btoc)	Drawdown (feet)	Purge Rate (ml/min.)	pH (Units)	Specific Conductivity (mS/cm)	Turbidity (NTU)	Temp. (°C)	DO (mg/L)	O.R.P. (mV)	Remarks
8:51	12.28	0.02	225	7.71	1.14	1	14.76	1.22	219.00	
8:56	12.29	0.01	225	7.71	1.14	1	14.73	1.21	219.00	
9:01	12.31	0.02	225	7.71	1.15	1	14.58	1.19	220.00	

Groundwater Sample ID: MW-20	**Groundwater Sample Time: 9:04**	**Duplicate Sample ID: DUP2**	**Duplicate Sample Time: 9:04**
Equipment/Rinsate Sample ID:	**Equipment/Rinsate Sample Time:**		**Sampler Name: M. Burge**
MS/MSD Sample ID:			**MS/MSD Sample Time:**
Analytical Methods: VOCs + Field Parameters			

Notes: NR = not recorded; btoc = below top of casing; ml/min = milliliters per minute; L = liters; mS/cm = MilliSiemens/centimeter; NTU = Nephelometric Turbidity Unit; °C = degrees Celsius; mg/L = milligrams per liter; mV = millivolt

EHS Support

Low-Flow Development / Sampling Log

Well ID: URS-1R

		Project: Lee Avenue Railroad Area		**Page 1 of 1**	
Purging Data from Below Top of Casing (btoc)					
Purge Date: 10/1/2024	**Depth to Water (feet btoc): 12.44**	**Total Well Depth (feet btoc): 23.55**	**Water Column Height (H) (feet): 11.11**	**Screened Interval (feet btoc): 19 to 24**	**Casing diameter (D) (inches): 2**

Groundwater Purge Information		
Sampling Method: Low Flow	**Purge Equipment: PP-Peristaltic Pump**	
Tubing / Pump set at 21 ft. btoc	**Total Volume Removed: 1 Gal**	
Purge Start Time: 12:02 Purge End Time: 12:25	**Well Purged Dry: no**	**Time allowed to recharge before sampling (if applicable):**

Groundwater Purge Data

Time	Depth to Water (feet btoc)	Drawdown (feet)	Purge Rate (ml/min.)	pH (Units)	Specific Conductivity (mS/cm)	Turbidity (NTU)	Temp. (°C)	DO (mg/L)	O.R.P. (mV)	Remarks
12:08	12.55	0.11	225	6.77	0.979	0	17.46	1.45	208.00	
12:13	14.55	2.00	225	6.72	0.968	0	16.91	0.49	204.00	
12:18	15.34	0.79	225	6.69	0.956	0	16.53	0.33	197.00	
12:23	15.99	0.65	225	6.71	0.944	0	16.57	0.33	196.00	

Groundwater Sample ID: URS-1R	**Groundwater Sample Time: 12:28**	**Duplicate Sample ID:**	**Duplicate Sample Time:**
Equipment/Rinsate Sample ID:	**Equipment/Rinsate Sample Time:**		**Sampler Name: M. Burge**
MS/MSD Sample ID:			**MS/MSD Sample Time:**
Analytical Methods:			

Notes: NR = not recorded; btoc = below top of casing; ml/min = milliliters per minute; L = liters; mS/cm = MilliSiemens/centimeter; NTU = Nephelometric Turbidity Unit; °C = degrees Celsius; mg/L = milligrams per liter; mV = millivolt

EHS Support

Low-Flow Development / Sampling Log

Well ID: URS-2S

		Project: Lee Avenue Railroad Area		**Page 1 of 1**	
Purging Data from Below Top of Casing (btoc)					
Purge Date: 9/30/2024	**Depth to Water (feet btoc): 14.13**	**Total Well Depth (feet btoc): 15.89**	**Water Column Height (H) (feet): 1.76**	**Screened Interval (feet btoc): 11 to 16**	**Casing diameter (D) (inches): 2**

Groundwater Purge Information										
Sampling Method: Low Flow		**Purge Equipment: PP-Peristaltic Pump**								
Tubing / Pump set at 14 ft. btoc		**Total Volume Removed: 1 Gal**								
Purge Start Time: 12:41 Purge End Time: 12:57			**Well Purged Dry: no**			**Time allowed to recharge before sampling (if applicable):**				
Groundwater Purge Data										
Time	Depth to Water (feet btoc)	Drawdown (feet)	Purge Rate (ml/min.)	pH (Units)	Specific Conductivity (mS/cm)	Turbidity (NTU)	Temp. (°C)	DO (mg/L)	O.R.P. (mV)	Remarks
12:46	14.55	0.42	225	7.51	1.47	8	15.65	2.34	187.00	
12:51	14.89	0.34	225	7.50	1.44	8	15.68	2.59	186.00	
12:56	15.05	0.16	225	7.51	1.44	8	15.71	2.35	185.00	

Groundwater Sample ID: URS-2S	**Groundwater Sample Time: 12:58**	**Duplicate Sample ID:**	**Duplicate Sample Time:**
Equipment/Rinsate Sample ID:	**Equipment/Rinsate Sample Time:**		**Sampler Name: M. Burge**
MS/MSD Sample ID:			**MS/MSD Sample Time:**
Analytical Methods: VOCs + Field Parameters			

Notes: NR = not recorded; btoc = below top of casing; ml/min = milliliters per minute; L = liters; mS/cm = MilliSiemens/centimeter; NTU = Nephelometric Turbidity Unit; °C = degrees Celsius; mg/L = milligrams per liter; mV = millivolt

EHS Support

Low-Flow Development / Sampling Log

Well ID: URS-3R

		Project: Lee Avenue Railroad Area		**Page 1 of 1**	
Purging Data from Below Top of Casing (btoc)					
Purge Date: 10/1/2024	**Depth to Water (feet btoc): 7.3**	**Total Well Depth (feet btoc): 16.71**	**Water Column Height (H) (feet): 9.41**	**Screened Interval (feet btoc): 12 to 17**	**Casing diameter (D) (inches): 2**

Groundwater Purge Information		
Sampling Method: Low Flow	**Purge Equipment: PP-Peristaltic Pump**	
Tubing / Pump set at 15 ft. btoc	**Total Volume Removed: 2 Gal**	
Purge Start Time: 14:58 Purge End Time: 15:33	**Well Purged Dry: no**	**Time allowed to recharge before sampling (if applicable):**

Groundwater Purge Data

Time	Depth to Water (feet btoc)	Drawdown (feet)	Purge Rate (ml/min.)	pH (Units)	Specific Conductivity (mS/cm)	Turbidity (NTU)	Temp. (°C)	DO (mg/L)	O.R.P. (mV)	Remarks
15:03	7.30	0.00	200	7.10	0.641	6	17.33	3.00	100.00	
15:08	7.70	0.40	200	7.05	0.644	7	17.24	3.62	-123.00	
15:13	8.50	0.80	200	7.04	0.644	10	17.48	4.46	-149.00	
15:18	9.55	1.05	200	7.12	0.637	14	17.44	5.34	-178.00	
15:23	10.30	0.75	200	7.20	0.636	16	17.48	5.79	-184.00	
15:28	11.20	0.90	200	7.30	0.656	16	17.68	5.67	-188.00	

Groundwater Sample ID: URS-3R	**Groundwater Sample Time: 15:33**	**Duplicate Sample ID:**	**Duplicate Sample Time:**
Equipment/Rinsate Sample ID:	**Equipment/Rinsate Sample Time:**		**Sampler Name: M. Duncan**
MS/MSD Sample ID:			**MS/MSD Sample Time:**
Analytical Methods: VOCs			

Notes: NR = not recorded; btoc = below top of casing; ml/min = milliliters per minute; L = liters; mS/cm = MilliSiemens/centimeter; NTU = Nephelometric Turbidity Unit; °C = degrees Celsius; mg/L = milligrams per liter; mV = millivolt

EHS Support

Low-Flow Development / Sampling Log

Well ID: URS-4S

		Project: Lee Avenue Railroad Area		**Page 1 of 1**	
Purging Data from Below Top of Casing (btoc)					
Purge Date: 9/30/2024	**Depth to Water (feet btoc): 8.69**	**Total Well Depth (feet btoc): 10.95**	**Water Column Height (H) (feet): 2.26**	**Screened Interval (feet btoc): 6 to 11**	**Casing diameter (D) (inches): 2**

Groundwater Purge Information			
Sampling Method: Low Flow	**Purge Equipment: PP-Peristaltic Pump**		
Tubing / Pump set at 9 ft. btoc	**Total Volume Removed: 1 Gal**		
Purge Start Time: 14:40 Purge End Time: 15:02	**Well Purged Dry: no**	**Time allowed to recharge before sampling (if applicable):**	

Groundwater Purge Data

Time	Depth to Water (feet btoc)	Drawdown (feet)	Purge Rate (ml/min.)	pH (Units)	Specific Conductivity (mS/cm)	Turbidity (NTU)	Temp. (°C)	DO (mg/L)	O.R.P. (mV)	Remarks
14:45	8.73	0.04	225	6.91	1.61	3	15.33	1.69	235.00	
14:50	8.76	0.03	225	6.83	1.59	2	15.35	1.56	234.00	
14:55	8.79	0.03	225	6.81	1.59	2	15.35	1.50	235.00	
15:00	8.81	0.02	225	6.85	1.59	2	15.29	1.39	233.00	

Groundwater Sample ID: URS-4S	**Groundwater Sample Time: 15:04**	**Duplicate Sample ID:**	**Duplicate Sample Time:**
Equipment/Rinsate Sample ID:	**Equipment/Rinsate Sample Time:**		**Sampler Name: M. Burge**
MS/MSD Sample ID:			**MS/MSD Sample Time:**
Analytical Methods: VOCs + Field Parameters			

Notes: NR = not recorded; btoc = below top of casing; ml/min = milliliters per minute; L = liters; mS/cm = MilliSiemens/centimeter; NTU = Nephelometric Turbidity Unit; °C = degrees Celsius; mg/L = milligrams per liter; mV = millivolt

EHS Support

Low-Flow Development / Sampling Log

Well ID: URS-6I

	Project: Lee Avenue Railroad Area			**Page 1 of 1**	
Purging Data from Below Top of Casing (btoc)					
Purge Date: 10/2/2024	**Depth to Water (feet btoc): 11.9**	**Total Well Depth (feet btoc): 15.92**	**Water Column Height (H) (feet): 4.02**	**Screened Interval (feet btoc): 11 to 16**	**Casing diameter (D) (inches): 2**

Groundwater Purge Information		
Sampling Method: Low Flow	**Purge Equipment: PP-Peristaltic Pump**	
Tubing / Pump set at 13 ft. btoc	**Total Volume Removed: 2 Gal**	
Purge Start Time: 8:10 Purge End Time: 8:25	**Well Purged Dry: yes**	**Time allowed to recharge before sampling (if applicable): 4hrs**

Groundwater Purge Data

Time	Depth to Water (feet btoc)	Drawdown (feet)	Purge Rate (ml/min.)	pH (Units)	Specific Conductivity (mS/cm)	Turbidity (NTU)	Temp. (°C)	DO (mg/L)	O.R.P. (mV)	Remarks
8:15	12.30	0.40	300	6.46	1.01	0.3	15.81	6.76	185.00	
8:20	13.60	1.30	300	6.69	0.994	0	15.88	6.39	187.00	Well pumped dry on 10/2/24 on 0825

Groundwater Sample ID: URS-6I	**Groundwater Sample Time: 12:32**	**Duplicate Sample ID:**	**Duplicate Sample Time:**
Equipment/Rinsate Sample ID:	**Equipment/Rinsate Sample Time:**		**Sampler Name: M. Duncan**
MS/MSD Sample ID:			**MS/MSD Sample Time:**
Analytical Methods: VOCs + Field Parameters			

Notes: NR = not recorded; btoc = below top of casing; ml/min = milliliters per minute; L = liters; mS/cm = MilliSiemens/centimeter; NTU = Nephelometric Turbidity Unit; °C = degrees Celsius; mg/L = milligrams per liter; mV = millivolt

EHS Support

Low-Flow Development / Sampling Log

Well ID: URS-7S

	Project: Lee Avenue Railroad Area			**Page 1 of 1**	
Purging Data from Below Top of Casing (btoc)					
Purge Date: 10/2/2024	**Depth to Water (feet btoc): 11.9**	**Total Well Depth (feet btoc): 14.78**	**Water Column Height (H) (feet): 2.88**	**Screened Interval (feet btoc): 10 to 15**	**Casing diameter (D) (inches): 2**

Groundwater Purge Information			
Sampling Method: Low Flow	**Purge Equipment: PP-Peristaltic Pump**		
Tubing / Pump set at 14 ft. btoc	**Total Volume Removed: 2.5 Gal**		
Purge Start Time: 14:45 Purge End Time: 15:22	**Well Purged Dry: no**	**Time allowed to recharge before sampling (if applicable):**	

Groundwater Purge Data

Time	Depth to Water (feet btoc)	Drawdown (feet)	Purge Rate (ml/min.)	pH (Units)	Specific Conductivity (mS/cm)	Turbidity (NTU)	Temp. (°C)	DO (mg/L)	O.R.P. (mV)	Remarks
14:50	11.90	0.00	200	7.43	0.769	0.2	15.97	7.90	124.00	
14:55	11.90	0.00	200	7.39	0.763	0	15.87	7.68	148.00	
15:00	11.90	0.00	200	7.40	0.761	0	15.73	7.62	164.00	
15:05	11.90	0.00	200	7.40	0.761	0	15.69	7.61	176.00	
15:10	11.90	0.00	200	7.39	0.760	0	15.75	7.64	187.00	
15:15	11.90	0.00	200	7.40	0.760	0	15.62	7.55	194.00	
15:20	11.90	0.00	200	7.40	0.761	0	15.64	7.40	197.00	

Groundwater Sample ID: URS-7S	**Groundwater Sample Time: 15:22**	**Duplicate Sample ID:**	**Duplicate Sample Time:**
Equipment/Rinsate Sample ID:	**Equipment/Rinsate Sample Time:**		**Sampler Name: M. Duncan**
MS/MSD Sample ID:			**MS/MSD Sample Time:**
Analytical Methods: VOCs + Field Parameters			

Notes: NR = not recorded; btoc = below top of casing; ml/min = milliliters per minute; L = liters; mS/cm = MilliSiemens/centimeter; NTU = Nephelometric Turbidity Unit; °C = degrees Celsius; mg/L = milligrams per liter; mV = millivolt

EHS Support

Low-Flow Development / Sampling Log

Well ID: URS-8S

	Project: Lee Avenue Railroad Area			**Page 1 of 1**	
Purging Data from Below Top of Casing (btoc)					
Purge Date: 10/2/2024	**Depth to Water (feet btoc): 11.03**	**Total Well Depth (feet btoc): 15.62**	**Water Column Height (H) (feet): 4.59**	**Screened Interval (feet btoc): 11 to 16**	**Casing diameter (D) (inches): 2**

Groundwater Purge Information			
Sampling Method: Low Flow	**Purge Equipment: PP-Peristaltic Pump**		
Tubing / Pump set at 15 ft. btoc	**Total Volume Removed: 2.5 Gal**		
Purge Start Time: 13:40 Purge End Time: 14:16	**Well Purged Dry: no**	**Time allowed to recharge before sampling (if applicable):**	

Groundwater Purge Data

Time	Depth to Water (feet btoc)	Drawdown (feet)	Purge Rate (ml/min.)	pH (Units)	Specific Conductivity (mS/cm)	Turbidity (NTU)	Temp. (°C)	DO (mg/L)	O.R.P. (mV)	Remarks
13:45	11.20	0.17	250	6.87	2.42	0	16.56	0.25	166.00	
13:50	11.20	0.00	250	6.85	2.43	0	16.58	0.21	161.00	
13:55	11.20	0.00	250	6.83	2.39	0	16.75	0.28	115.00	
14:00	11.20	0.00	250	6.82	2.30	0	16.78	0.24	48.00	
14:05	11.20	0.00	250	6.83	2.21	0	16.79	0.22	13.00	
14:10	11.20	0.00	250	6.82	2.13	0	16.75	0.21	4.00	
14:15	11.20	0.00	250	6.83	2.14	0	16.71	0.21	4.00	

Groundwater Sample ID: URS-8S	**Groundwater Sample Time: 14:16**	**Duplicate Sample ID: DUP-1**	**Duplicate Sample Time: 14:16**
Equipment/Rinsate Sample ID:	**Equipment/Rinsate Sample Time:**		**Sampler Name: M. Duncan**
MS/MSD Sample ID:			**MS/MSD Sample Time:**
Analytical Methods: VOCs + Field Parameters			

Notes: NR = not recorded; btoc = below top of casing; ml/min = milliliters per minute; L = liters; mS/cm = MilliSiemens/centimeter; NTU = Nephelometric Turbidity Unit; °C = degrees Celsius; mg/L = milligrams per liter; mV = millivolt

EHS Support

Low-Flow Development / Sampling Log

Well ID: URS-9S

		Project: Lee Avenue Railroad Area		**Page 1 of 1**	
Purging Data from Below Top of Casing (btoc)					
Purge Date: 10/2/2024	**Depth to Water (feet btoc): 14.55**	**Total Well Depth (feet btoc): 16.67**	**Water Column Height (H) (feet): 2.12**	**Screened Interval (feet btoc): 12 to 17**	**Casing diameter (D) (inches): 2**

Groundwater Purge Information			
Sampling Method: Low Flow	**Purge Equipment: PP-Peristaltic Pump**		
Tubing / Pump set at 16 ft. btoc	**Total Volume Removed: 2 Gal**		
Purge Start Time: 12:50 Purge End Time: 13:25	**Well Purged Dry: no**	**Time allowed to recharge before sampling (if applicable):**	

Groundwater Purge Data

Time	Depth to Water (feet btoc)	Drawdown (feet)	Purge Rate (ml/min.)	pH (Units)	Specific Conductivity (mS/cm)	Turbidity (NTU)	Temp. (°C)	DO (mg/L)	O.R.P. (mV)	Remarks
12:55	14.80	0.25	200	7.27	1.24	6	16.64	3.86	190.00	
13:00	14.80	0.00	200	7.17	1.28	5	16.84	3.09	192.00	
13:05	14.80	0.00	200	7.13	1.34	1	16.91	2.44	192.00	
13:10	14.80	0.00	200	7.13	1.36	0	16.93	2.02	191.00	
13:15	14.80	0.00	200	7.12	1.38	0	16.98	1.92	190.00	
13:20	14.80	0.00	200	7.12	1.38	0	17.01	1.84	189.00	

Groundwater Sample ID: URS-9S	**Groundwater Sample Time: 13:25**	**Duplicate Sample ID:**	**Duplicate Sample Time:**
Equipment/Rinsate Sample ID:	**Equipment/Rinsate Sample Time:**		**Sampler Name: M. Duncan**
MS/MSD Sample ID: MS/MSD-URS-9S			**MS/MSD Sample Time: 13:25**
Analytical Methods: VOCs + Field Parameters			

Notes: NR = not recorded; btoc = below top of casing; ml/min = milliliters per minute; L = liters; mS/cm = MilliSiemens/centimeter; NTU = Nephelometric Turbidity Unit; °C = degrees Celsius; mg/L = milligrams per liter; mV = millivolt

EHS Support

Low-Flow Development / Sampling Log

Well ID: URS-10S

	Project: Lee Avenue Railroad Area			**Page 1 of 1**	
Purging Data from Below Top of Casing (btoc)					
Purge Date: 10/2/2024	**Depth to Water (feet btoc): 13.3**	**Total Well Depth (feet btoc): 15.69**	**Water Column Height (H) (feet): 2.39**	**Screened Interval (feet btoc): 11 to 16**	**Casing diameter (D) (inches): 2**

Groundwater Purge Information			
Sampling Method: Low Flow	**Purge Equipment: PP-Peristaltic Pump**		
Tubing / Pump set at 15 ft. btoc	**Total Volume Removed: 1 Gal**		
Purge Start Time: 13:12 Purge End Time: 13:35	**Well Purged Dry: no**	**Time allowed to recharge before sampling (if applicable):**	

Groundwater Purge Data

Time	Depth to Water (feet btoc)	Drawdown (feet)	Purge Rate (ml/min.)	pH (Units)	Specific Conductivity (mS/cm)	Turbidity (NTU)	Temp. (°C)	DO (mg/L)	O.R.P. (mV)	Remarks
13:18	13.34	0.04	225	7.67	1.17	40	15.55	3.85	201.00	
13:23	13.39	0.05	225	7.58	1.16	10	15.45	3.56	205.00	
13:28	13.45	0.06	225	7.53	1.15	10	15.41	3.56	208.00	
13:33	13.51	0.06	225	7.52	1.15	10	15.39	3.67	209.00	

Groundwater Sample ID: URS-10S	**Groundwater Sample Time: 13:36**	**Duplicate Sample ID:**	**Duplicate Sample Time:**
Equipment/Rinsate Sample ID:	**Equipment/Rinsate Sample Time:**		**Sampler Name: M. Burge**
MS/MSD Sample ID:			**MS/MSD Sample Time:**
Analytical Methods: VOCs + Field Parameters			

Notes: NR = not recorded; btoc = below top of casing; ml/min = milliliters per minute; L = liters; mS/cm = MilliSiemens/centimeter; NTU = Nephelometric Turbidity Unit; °C = degrees Celsius; mg/L = milligrams per liter; mV = millivolt

EHS Support

Low-Flow Development / Sampling Log

Well ID: URS-12

	Project: Lee Avenue Railroad Area			**Page 1 of 1**	
Purging Data from Below Top of Casing (btoc)					
Purge Date: 10/1/2024	**Depth to Water (feet btoc): 10.71**	**Total Well Depth (feet btoc): 13.65**	**Water Column Height (H) (feet): 2.94**	**Screened Interval (feet btoc): 9 to 14**	**Casing diameter (D) (inches): 2**

Groundwater Purge Information		
Sampling Method: Low Flow	**Purge Equipment: PP-Peristaltic Pump**	
Tubing / Pump set at 13 ft. btoc	**Total Volume Removed: 1 Gal**	
Purge Start Time: 15:27 Purge End Time: 15:49	**Well Purged Dry: no**	**Time allowed to recharge before sampling (if applicable):**

Groundwater Purge Data

Time	Depth to Water (feet btoc)	Drawdown (feet)	Purge Rate (ml/min.)	pH (Units)	Specific Conductivity (mS/cm)	Turbidity (NTU)	Temp. (°C)	DO (mg/L)	O.R.P. (mV)	Remarks
15:33	10.79	0.08	225	7.49	1.51	31	20.76	1.22	208.00	
15:38	10.82	0.03	225	7.51	1.50	22	20.93	1.21	208.00	
15:43	10.84	0.02	225	7.51	1.47	21	20.82	1.08	206.00	
15:48	10.89	0.05	225	7.51	1.47	22	20.85	1.08	205.00	

Groundwater Sample ID: URS-12	**Groundwater Sample Time: 15:52**	**Duplicate Sample ID:**	**Duplicate Sample Time:**
Equipment/Rinsate Sample ID:	**Equipment/Rinsate Sample Time:**		**Sampler Name: M. Burge**
MS/MSD Sample ID:			**MS/MSD Sample Time:**
Analytical Methods: VOCs + Field Parameters			

Notes: NR = not recorded; btoc = below top of casing; ml/min = milliliters per minute; L = liters; mS/cm = MilliSiemens/centimeter; NTU = Nephelometric Turbidity Unit; °C = degrees Celsius; mg/L = milligrams per liter; mV = millivolt

EHS Support

Low-Flow Development / Sampling Log

Well ID: URS-13

	Project: Lee Avenue Railroad Area			**Page 1 of 1**	
Purging Data from Below Top of Casing (btoc)					
Purge Date: 10/2/2024	**Depth to Water (feet btoc): 11.75**	**Total Well Depth (feet btoc): 15.98**	**Water Column Height (H) (feet): 4.09**	**Screened Interval (feet btoc): 11 to 16**	**Casing diameter (D) (inches): 2**

Groundwater Purge Information		
Sampling Method: Low Flow	**Purge Equipment: PP-Peristaltic Pump**	
Tubing / Pump set at 15 ft. btoc	**Total Volume Removed: 1 Gal**	
Purge Start Time: 8:10 Purge End Time: 8:32	**Well Purged Dry: no**	**Time allowed to recharge before sampling (if applicable):**

Groundwater Purge Data

Time	Depth to Water (feet btoc)	Drawdown (feet)	Purge Rate (ml/min.)	pH (Units)	Specific Conductivity (mS/cm)	Turbidity (NTU)	Temp. (°C)	DO (mg/L)	O.R.P. (mV)	Remarks
8:15	11.82	0.07	225	7.49	1.25	2	14.84	1.12	211.00	
8:20	11.83	0.01	225	7.48	1.25	2	14.87	1.12	212.00	
8:25	11.83	0.00	225	7.47	1.25	2	14.96	1.11	214.00	
8:30	11.83	0.00	225	7.47	1.26	2	14.98	1.11	217.00	

Groundwater Sample ID: URS-13	**Groundwater Sample Time: 8:34**	**Duplicate Sample ID:**	**Duplicate Sample Time:**
Equipment/Rinsate Sample ID:	**Equipment/Rinsate Sample Time:**		**Sampler Name: M. Burge**
MS/MSD Sample ID:			**MS/MSD Sample Time:**
Analytical Methods: VOCs + Field Parameters			

Notes: NR = not recorded; btoc = below top of casing; ml/min = milliliters per minute; L = liters; mS/cm = MilliSiemens/centimeter; NTU = Nephelometric Turbidity Unit; °C = degrees Celsius; mg/L = milligrams per liter; mV = millivolt

EHS Support

Low-Flow Development / Sampling Log

Well ID: URS-14

	Project: Lee Avenue Railroad Area			**Page 1 of 1**	
Purging Data from Below Top of Casing (btoc)					
Purge Date: 9/30/2024	**Depth to Water (feet btoc): 10.51**	**Total Well Depth (feet btoc): 14**	**Water Column Height (H) (feet): 3.49**	**Screened Interval (feet btoc): 9 to 14**	**Casing diameter (D) (inches): 2**

Groundwater Purge Information										
Sampling Method: Low Flow	**Purge Equipment: PP-Peristaltic Pump**									
Tubing / Pump set at 13 ft. btoc	**Total Volume Removed: 1 Gal**									
Purge Start Time: 11:13 Purge End Time: 11:31		**Well Purged Dry: no**			**Time allowed to recharge before sampling (if applicable):**					
Groundwater Purge Data										
Time	Depth to Water (feet btoc)	Drawdown (feet)	Purge Rate (ml/min.)	pH (Units)	Specific Conductivity (mS/cm)	Turbidity (NTU)	Temp. (°C)	DO (mg/L)	O.R.P. (mV)	Remarks
11:19	10.56	0.05	225	7.23	1.26	0	15.39	4.55	245.00	
11:24	10.61	0.05	225	7.22	1.25	1	15.21	4.62	245.00	
11:29	10.62	0.01	225	7.21	1.25	1	15.17	4.76	244.00	

Groundwater Sample ID: URS-14	**Groundwater Sample Time: 11:32**	**Duplicate Sample ID:**	**Duplicate Sample Time:**
Equipment/Rinsate Sample ID:	**Equipment/Rinsate Sample Time:**		**Sampler Name: M. Burge**
MS/MSD Sample ID:			**MS/MSD Sample Time:**
Analytical Methods: VOCs + Field Parameters			

Notes: NR = not recorded; btoc = below top of casing; ml/min = milliliters per minute; L = liters; mS/cm = MilliSiemens/centimeter; NTU = Nephelometric Turbidity Unit; °C = degrees Celsius; mg/L = milligrams per liter; mV = millivolt

Appendix B Laboratory Analytical Reports

eurofins | Environment Testing

ANALYTICAL REPORT

PREPARED FOR

Attn: Elena Dadukova
EHS Support, LLC
4512 N Beacon Street
#2
Chicago, Illinois 60640

Generated 10/10/2024 5:58:32 PM

JOB DESCRIPTION

Ashland Lee Ave. Railroad - Norwich,NY

JOB NUMBER

480-224023-1

Eurofins Buffalo
10 Hazelwood Drive
Amherst NY 14228-2298

See page two for job notes and contact information.

Job Notes

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

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

Authorization

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Table of Contents

Job Narrative
480-224023-1

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable.

- Matrix QC may not be reported if insufficient sample is provided or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD may be performed, unless otherwise specified in the method.
- Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.

Regulated compliance samples (e.g. SDWA, NPDES) must comply with the associated agency requirements/permits.

Receipt
The samples were received on 10/3/2024 12:03 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 3.3°C.

GC/MS VOA
Method 8260C: The continuing calibration verification (CCV) associated with batch 480-727303 recovered above the upper control limit for Carbon tetrachloride, and Methylcyclohexane. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated samples are impacted: MW-12 (480-224023-13), LAOW-11-5 (480-224023-14), LAOW-11-6 (480-224023-15), MW-13 (480-224023-16), MW-15 (480-224023-17), LAOW-11-9 (480-224023-18), MW-14 (480-224023-19), TRIP BLANK (480-224023-20), EB1 (480-224023-21) and EB2 (480-224023-22).

Method 8260C: The continuing calibration verification (CCV) associated with batch 480-727295 recovered above the upper control limit for Vinyl chloride and Carbon disulfide. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated samples are impacted: URS-1R (480-224023-1), URS-12 (480-224023-5), URS-13 (480-224023-6), MW-20 (480-224023-7), URS-14 (480-224023-8) and URS-2S (480-224023-9).

Method 8260C: The continuing calibration verification (CCV) associated with batch 480-727426 recovered outside acceptance criteria, low biased, for Vinyl chloride and Chloromethane. A reporting limit (RL) standard was analyzed, and the target analytes are detected. Since the associated samples were non-detect for the analyte(s), the data are reported. The associated samples are impacted: LAOW-11-1 (480-224023-4), URS-10S (480-224023-10) and LAOW-11-4 (480-224023-12).

Method 8260C: The continuing calibration verification (CCV) associated with batch 480-727413 recovered above the upper control limit for Vinyl Chloride. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated samples are impacted: URS-4S (480-224023-2), MW-18 (480-224023-3) and DUP2 (480-224023-11).

Method 8260C: Due to the coelution of Ethyl Acetate with 2-Butanone in the full spike solution, these analytes exceeded control limits in the laboratory control sample (LCS) and/or laboratory control sample duplicate (LCSD) associated with batch 480-727413 . The following samples were affected : URS-4S (480-224023-2), MW-18 (480-224023-3) and DUP2 (480-224023-11).

Method 8260C: The laboratory control sample (LCS) and / or laboratory control sample duplicate (LCSD) for analytical batch 480-727413 recovered outside control limits for the following analytes: Chloromethane. These analytes were biased high in the LCS and were not detected in the associated samples; therefore, the data have been reported.
URS-4S (480-224023-2), MW-18 (480-224023-3) and DUP2 (480-224023-11)

Method 8260C: The continuing calibration verification (CCV) associated with batch 480-727413 recovered above the upper control limit for Trichlorofluoromethane. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated samples are impacted: URS-4S (480-224023-2), MW-18 (480-224023-3) and DUP2 (480-224023-11).

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

Sample Summary

Client: EHS Support, LLC
Job ID: 480-224023-1
Project/Site: Ashland Lee Ave. Railroad - Norwich,NY

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
480-224023-1	URS-1R	Water	10/01/24 12:28	10/03/24 12:03
480-224023-2	URS-4S	Water	10/02/24 15:04	10/03/24 12:03
480-224023-3	MW-18	Water	10/02/24 14:14	10/03/24 12:03
480-224023-4	LAOW-11-1	Water	10/01/24 16:26	10/03/24 12:03
480-224023-5	URS-12	Water	10/01/24 15:52	10/03/24 12:03
480-224023-6	URS-13	Water	10/02/24 08:34	10/03/24 12:03
480-224023-7	MW-20	Water	10/02/24 09:04	10/03/24 12:03
480-224023-8	URS-14	Water	10/02/24 11:32	10/03/24 12:03
480-224023-9	URS-2S	Water	10/02/24 12:58	10/03/24 12:03
480-224023-10	URS-10S	Water	10/02/24 13:36	10/03/24 12:03
480-224023-11	DUP2	Water	10/02/24 00:00	10/03/24 12:03
480-224023-12	LAOW-11-4	Water	10/01/24 12:56	10/03/24 12:03
480-224023-13	MW-12	Water	10/02/24 10:36	10/03/24 12:03
480-224023-14	LAOW-11-5	Water	10/01/24 13:26	10/03/24 12:03
480-224023-15	LAOW-11-6	Water	10/02/24 09:38	10/03/24 12:03
480-224023-16	MW-13	Water	10/02/24 10:18	10/03/24 12:03
480-224023-17	MW-15	Water	10/01/24 14:44	10/03/24 12:03
480-224023-18	LAOW-11-9	Water	10/01/24 14:12	10/03/24 12:03
480-224023-19	MW-14	Water	10/01/24 15:16	10/03/24 12:03
480-224023-20	TRIP BLANK	Water	10/01/24 00:00	10/03/24 12:03
480-224023-21	EB1	Water	10/01/24 16:00	10/03/24 12:03
480-224023-22	EB2	Water	10/02/24 15:45	10/03/24 12:03

Method Summary

Client: EHS Support, LLC
Job ID: 480-224023-1
Project/Site: Ashland Lee Ave. Railroad - Norwich,NY

Method	Method Description	Protocol	Laboratory
8260C	Volatile Organic Compounds by GC/MS	SW846	EET BUF
5030C	Purge and Trap	SW846	EET BUF

Protocol References:

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

Laboratory References:

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

Definitions/Glossary

Client: EHS Support, LLC
Job ID: 480-224023-1
Project/Site: Ashland Lee Ave. Railroad - Norwich,NY

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
*+	LCS and/or LCSD is outside acceptance limits, high biased.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
U	Indicates the analyte was analyzed for but not detected.

GC/MS VOA TICs

Qualifier	Qualifier Description
J	Indicates an Estimated Value for TICs

Glossary

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

Detection Summary

Client: EHS Support, LLC
Job ID: 480-224023-1
Project/Site: Ashland Lee Ave. Railroad - Norwich,NY

Client Sample ID: URS-1R — Lab Sample ID: 480-224023-1

No Detections.

Client Sample ID: URS-4S — Lab Sample ID: 480-224023-2

No Detections.

Client Sample ID: MW-18 — Lab Sample ID: 480-224023-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	9.0		1.0	0.81	ug/L	1		8260C	Total/NA
Trichloroethene	1.9		1.0	0.46	ug/L	1		8260C	Total/NA

Client Sample ID: LAOW-11-1 — Lab Sample ID: 480-224023-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	9.4		1.0	0.81	ug/L	1		8260C	Total/NA
Trichloroethene	2.7		1.0	0.46	ug/L	1		8260C	Total/NA

Client Sample ID: URS-12 — Lab Sample ID: 480-224023-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Trichloroethene	1.5		1.0	0.46	ug/L	1		8260C	Total/NA

Client Sample ID: URS-13 — Lab Sample ID: 480-224023-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Trichloroethene	0.73	J	1.0	0.46	ug/L	1		8260C	Total/NA

Client Sample ID: MW-20 — Lab Sample ID: 480-224023-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Trichloroethene	0.86	J	1.0	0.46	ug/L	1		8260C	Total/NA

Client Sample ID: URS-14 — Lab Sample ID: 480-224023-8

No Detections.

Client Sample ID: URS-2S — Lab Sample ID: 480-224023-9

No Detections.

Client Sample ID: URS-10S — Lab Sample ID: 480-224023-10

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1,1-Trichloroethane	1.2		1.0	0.82	ug/L	1		8260C	Total/NA
1,1,2-Trichloro-1,2,2-trifluoroethane	0.40	J	1.0	0.31	ug/L	1		8260C	Total/NA
Trichloroethene	0.97	J	1.0	0.46	ug/L	1		8260C	Total/NA

Client Sample ID: DUP2 — Lab Sample ID: 480-224023-11

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloromethane	0.42	J *+	1.0	0.35	ug/L	1		8260C	Total/NA
Trichloroethene	0.60	J	1.0	0.46	ug/L	1		8260C	Total/NA

Client Sample ID: LAOW-11-4 — Lab Sample ID: 480-224023-12

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1,1-Trichloroethane	0.93	J	1.0	0.82	ug/L	1		8260C	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins Buffalo

Client Sample ID: LAOW-11-4 (Continued) — Lab Sample ID: 480-224023-12

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Trichloroethene	21		1.0	0.46	ug/L	1		8260C	Total/NA

Client Sample ID: MW-12 — Lab Sample ID: 480-224023-13

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	1.1		1.0	0.81	ug/L	1		8260C	Total/NA
Trichloroethene	23		1.0	0.46	ug/L	1		8260C	Total/NA

Client Sample ID: LAOW-11-5 — Lab Sample ID: 480-224023-14

No Detections.

Client Sample ID: LAOW-11-6 — Lab Sample ID: 480-224023-15

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Trichloroethene	1.0		1.0	0.46	ug/L	1		8260C	Total/NA

Client Sample ID: MW-13 — Lab Sample ID: 480-224023-16

No Detections.

Client Sample ID: MW-15 — Lab Sample ID: 480-224023-17

No Detections.

Client Sample ID: LAOW-11-9 — Lab Sample ID: 480-224023-18

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1,1-Trichloroethane	3.3		1.0	0.82	ug/L	1		8260C	Total/NA
Trichloroethene	1.5		1.0	0.46	ug/L	1		8260C	Total/NA

Client Sample ID: MW-14 — Lab Sample ID: 480-224023-19

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Trichloroethene	0.81	J	1.0	0.46	ug/L	1		8260C	Total/NA

Client Sample ID: TRIP BLANK — Lab Sample ID: 480-224023-20

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloroform	0.34	J	1.0	0.34	ug/L	1		8260C	Total/NA

Client Sample ID: EB1 — Lab Sample ID: 480-224023-21

No Detections.

Client Sample ID: EB2 — Lab Sample ID: 480-224023-22

No Detections.

This Detection Summary does not include radiochemical test results.

Client: EHS Support, LLC
Project/Site: Ashland Lee Ave. Railroad - Norwich,NY

Job ID: 480-224023-1

Client Sample ID: URS-1R
Date Collected: 10/01/24 12:28
Date Received: 10/03/24 12:03

Lab Sample ID: 480-224023-1
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.0	U	1.0	0.82	ug/L			10/07/24 20:38	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.21	ug/L			10/07/24 20:38	1
1,1,2-Trichloroethane	1.0	U	1.0	0.23	ug/L			10/07/24 20:38	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.31	ug/L			10/07/24 20:38	1
1,1-Dichloroethane	1.0	U	1.0	0.38	ug/L			10/07/24 20:38	1
1,1-Dichloroethene	1.0	U	1.0	0.29	ug/L			10/07/24 20:38	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.41	ug/L			10/07/24 20:38	1
1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.39	ug/L			10/07/24 20:38	1
1,2-Dichlorobenzene	1.0	U	1.0	0.79	ug/L			10/07/24 20:38	1
1,2-Dichloroethane	1.0	U	1.0	0.21	ug/L			10/07/24 20:38	1
1,2-Dichloropropane	1.0	U	1.0	0.72	ug/L			10/07/24 20:38	1
1,3-Dichlorobenzene	1.0	U	1.0	0.78	ug/L			10/07/24 20:38	1
1,4-Dichlorobenzene	1.0	U	1.0	0.84	ug/L			10/07/24 20:38	1
2-Butanone (MEK)	10	U	10	1.3	ug/L			10/07/24 20:38	1
2-Hexanone	5.0	U	5.0	1.2	ug/L			10/07/24 20:38	1
4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	2.1	ug/L			10/07/24 20:38	1
Acetone	10	U	10	3.0	ug/L			10/07/24 20:38	1
Benzene	1.0	U	1.0	0.41	ug/L			10/07/24 20:38	1
Bromodichloromethane	1.0	U	1.0	0.39	ug/L			10/07/24 20:38	1
Bromoform	1.0	U	1.0	0.26	ug/L			10/07/24 20:38	1
Bromomethane	1.0	U	1.0	0.69	ug/L			10/07/24 20:38	1
Carbon disulfide	1.0	U	1.0	0.19	ug/L			10/07/24 20:38	1
Carbon tetrachloride	1.0	U	1.0	0.27	ug/L			10/07/24 20:38	1
Chlorobenzene	1.0	U	1.0	0.75	ug/L			10/07/24 20:38	1
Dibromochloromethane	1.0	U	1.0	0.32	ug/L			10/07/24 20:38	1
Chloroethane	1.0	U	1.0	0.32	ug/L			10/07/24 20:38	1
Chloroform	1.0	U	1.0	0.34	ug/L			10/07/24 20:38	1
Chloromethane	1.0	U	1.0	0.35	ug/L			10/07/24 20:38	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.81	ug/L			10/07/24 20:38	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.36	ug/L			10/07/24 20:38	1
Cyclohexane	1.0	U	1.0	0.18	ug/L			10/07/24 20:38	1
Dichlorodifluoromethane	1.0	U	1.0	0.68	ug/L			10/07/24 20:38	1
Ethylbenzene	1.0	U	1.0	0.74	ug/L			10/07/24 20:38	1
1,2-Dibromoethane	1.0	U	1.0	0.73	ug/L			10/07/24 20:38	1
Isopropylbenzene	1.0	U	1.0	0.79	ug/L			10/07/24 20:38	1
Methyl acetate	2.5	U	2.5	1.3	ug/L			10/07/24 20:38	1
Methyl tert-butyl ether	1.0	U	1.0	0.16	ug/L			10/07/24 20:38	1
Methylcyclohexane	1.0	U	1.0	0.16	ug/L			10/07/24 20:38	1
Methylene Chloride	1.0	U	1.0	0.44	ug/L			10/07/24 20:38	1
Styrene	1.0	U	1.0	0.73	ug/L			10/07/24 20:38	1
Tetrachloroethene	1.0	U	1.0	0.36	ug/L			10/07/24 20:38	1
Toluene	1.0	U	1.0	0.51	ug/L			10/07/24 20:38	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.90	ug/L			10/07/24 20:38	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.37	ug/L			10/07/24 20:38	1
Trichloroethene	1.0	U	1.0	0.46	ug/L			10/07/24 20:38	1
Trichlorofluoromethane	1.0	U	1.0	0.88	ug/L			10/07/24 20:38	1
Vinyl chloride	1.0	U	1.0	0.90	ug/L			10/07/24 20:38	1
Xylenes, Total	2.0	U	2.0	0.66	ug/L			10/07/24 20:38	1

Client: EHS Support, LLC
Job ID: 480-224023-1
Project/Site: Ashland Lee Ave. Railroad - Norwich,NY

Client Sample ID: URS-1R
Lab Sample ID: 480-224023-1
Date Collected: 10/01/24 12:28
Matrix: Water
Date Received: 10/03/24 12:03

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Tentatively Identified Compound	None		ug/L			N/A		10/07/24 20:38	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	99		80 - 120		10/07/24 20:38	1
1,2-Dichloroethane-d4 (Surr)	107		77 - 120		10/07/24 20:38	1
4-Bromofluorobenzene (Surr)	97		73 - 120		10/07/24 20:38	1
Dibromofluoromethane (Surr)	117		75 - 123		10/07/24 20:38	1

Client: EHS Support, LLC
Project/Site: Ashland Lee Ave. Railroad - Norwich,NY

Job ID: 480-224023-1

Client Sample ID: URS-4S
Date Collected: 10/02/24 15:04
Date Received: 10/03/24 12:03

Lab Sample ID: 480-224023-2
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.0	U	1.0	0.82	ug/L			10/08/24 19:50	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.21	ug/L			10/08/24 19:50	1
1,1,2-Trichloroethane	1.0	U	1.0	0.23	ug/L			10/08/24 19:50	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.31	ug/L			10/08/24 19:50	1
1,1-Dichloroethane	1.0	U	1.0	0.38	ug/L			10/08/24 19:50	1
1,1-Dichloroethene	1.0	U	1.0	0.29	ug/L			10/08/24 19:50	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.41	ug/L			10/08/24 19:50	1
1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.39	ug/L			10/08/24 19:50	1
1,2-Dichlorobenzene	1.0	U	1.0	0.79	ug/L			10/08/24 19:50	1
1,2-Dichloroethane	1.0	U	1.0	0.21	ug/L			10/08/24 19:50	1
1,2-Dichloropropane	1.0	U	1.0	0.72	ug/L			10/08/24 19:50	1
1,3-Dichlorobenzene	1.0	U	1.0	0.78	ug/L			10/08/24 19:50	1
1,4-Dichlorobenzene	1.0	U	1.0	0.84	ug/L			10/08/24 19:50	1
2-Butanone (MEK)	10	U *+	10	1.3	ug/L			10/08/24 19:50	1
2-Hexanone	5.0	U	5.0	1.2	ug/L			10/08/24 19:50	1
4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	2.1	ug/L			10/08/24 19:50	1
Acetone	10	U	10	3.0	ug/L			10/08/24 19:50	1
Benzene	1.0	U	1.0	0.41	ug/L			10/08/24 19:50	1
Bromodichloromethane	1.0	U	1.0	0.39	ug/L			10/08/24 19:50	1
Bromoform	1.0	U	1.0	0.26	ug/L			10/08/24 19:50	1
Bromomethane	1.0	U	1.0	0.69	ug/L			10/08/24 19:50	1
Carbon disulfide	1.0	U	1.0	0.19	ug/L			10/08/24 19:50	1
Carbon tetrachloride	1.0	U	1.0	0.27	ug/L			10/08/24 19:50	1
Chlorobenzene	1.0	U	1.0	0.75	ug/L			10/08/24 19:50	1
Dibromochloromethane	1.0	U	1.0	0.32	ug/L			10/08/24 19:50	1
Chloroethane	1.0	U	1.0	0.32	ug/L			10/08/24 19:50	1
Chloroform	1.0	U	1.0	0.34	ug/L			10/08/24 19:50	1
Chloromethane	1.0	U *+	1.0	0.35	ug/L			10/08/24 19:50	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.81	ug/L			10/08/24 19:50	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.36	ug/L			10/08/24 19:50	1
Cyclohexane	1.0	U	1.0	0.18	ug/L			10/08/24 19:50	1
Dichlorodifluoromethane	1.0	U	1.0	0.68	ug/L			10/08/24 19:50	1
Ethylbenzene	1.0	U	1.0	0.74	ug/L			10/08/24 19:50	1
1,2-Dibromoethane	1.0	U	1.0	0.73	ug/L			10/08/24 19:50	1
Isopropylbenzene	1.0	U	1.0	0.79	ug/L			10/08/24 19:50	1
Methyl acetate	2.5	U	2.5	1.3	ug/L			10/08/24 19:50	1
Methyl tert-butyl ether	1.0	U	1.0	0.16	ug/L			10/08/24 19:50	1
Methylcyclohexane	1.0	U	1.0	0.16	ug/L			10/08/24 19:50	1
Methylene Chloride	1.0	U	1.0	0.44	ug/L			10/08/24 19:50	1
Styrene	1.0	U	1.0	0.73	ug/L			10/08/24 19:50	1
Tetrachloroethene	1.0	U	1.0	0.36	ug/L			10/08/24 19:50	1
Toluene	1.0	U	1.0	0.51	ug/L			10/08/24 19:50	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.90	ug/L			10/08/24 19:50	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.37	ug/L			10/08/24 19:50	1
Trichloroethene	1.0	U	1.0	0.46	ug/L			10/08/24 19:50	1
Trichlorofluoromethane	1.0	U	1.0	0.88	ug/L			10/08/24 19:50	1
Vinyl chloride	1.0	U	1.0	0.90	ug/L			10/08/24 19:50	1
Xylenes, Total	2.0	U	2.0	0.66	ug/L			10/08/24 19:50	1

Client: EHS Support, LLC
Job ID: 480-224023-1
Project/Site: Ashland Lee Ave. Railroad - Norwich,NY

Client Sample ID: URS-4S
Lab Sample ID: 480-224023-2
Date Collected: 10/02/24 15:04
Matrix: Water
Date Received: 10/03/24 12:03

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Unknown	37	J	ug/L		1.54	N/A		10/08/24 19:50	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	100		80 - 120		10/08/24 19:50	1
1,2-Dichloroethane-d4 (Surr)	103		77 - 120		10/08/24 19:50	1
4-Bromofluorobenzene (Surr)	106		73 - 120		10/08/24 19:50	1
Dibromofluoromethane (Surr)	106		75 - 123		10/08/24 19:50	1

Client Sample ID: MW-18
Date Collected: 10/02/24 14:14
Date Received: 10/03/24 12:03

Lab Sample ID: 480-224023-3
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.0	U	1.0	0.82	ug/L			10/08/24 20:14	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.21	ug/L			10/08/24 20:14	1
1,1,2-Trichloroethane	1.0	U	1.0	0.23	ug/L			10/08/24 20:14	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.31	ug/L			10/08/24 20:14	1
1,1-Dichloroethane	1.0	U	1.0	0.38	ug/L			10/08/24 20:14	1
1,1-Dichloroethene	1.0	U	1.0	0.29	ug/L			10/08/24 20:14	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.41	ug/L			10/08/24 20:14	1
1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.39	ug/L			10/08/24 20:14	1
1,2-Dichlorobenzene	1.0	U	1.0	0.79	ug/L			10/08/24 20:14	1
1,2-Dichloroethane	1.0	U	1.0	0.21	ug/L			10/08/24 20:14	1
1,2-Dichloropropane	1.0	U	1.0	0.72	ug/L			10/08/24 20:14	1
1,3-Dichlorobenzene	1.0	U	1.0	0.78	ug/L			10/08/24 20:14	1
1,4-Dichlorobenzene	1.0	U	1.0	0.84	ug/L			10/08/24 20:14	1
2-Butanone (MEK)	10	U *+	10	1.3	ug/L			10/08/24 20:14	1
2-Hexanone	5.0	U	5.0	1.2	ug/L			10/08/24 20:14	1
4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	2.1	ug/L			10/08/24 20:14	1
Acetone	10	U	10	3.0	ug/L			10/08/24 20:14	1
Benzene	1.0	U	1.0	0.41	ug/L			10/08/24 20:14	1
Bromodichloromethane	1.0	U	1.0	0.39	ug/L			10/08/24 20:14	1
Bromoform	1.0	U	1.0	0.26	ug/L			10/08/24 20:14	1
Bromomethane	1.0	U	1.0	0.69	ug/L			10/08/24 20:14	1
Carbon disulfide	1.0	U	1.0	0.19	ug/L			10/08/24 20:14	1
Carbon tetrachloride	1.0	U	1.0	0.27	ug/L			10/08/24 20:14	1
Chlorobenzene	1.0	U	1.0	0.75	ug/L			10/08/24 20:14	1
Dibromochloromethane	1.0	U	1.0	0.32	ug/L			10/08/24 20:14	1
Chloroethane	1.0	U	1.0	0.32	ug/L			10/08/24 20:14	1
Chloroform	1.0	U	1.0	0.34	ug/L			10/08/24 20:14	1
Chloromethane	1.0	U *+	1.0	0.35	ug/L			10/08/24 20:14	1
cis-1,2-Dichloroethene	**9.0**		1.0	0.81	ug/L			10/08/24 20:14	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.36	ug/L			10/08/24 20:14	1
Cyclohexane	1.0	U	1.0	0.18	ug/L			10/08/24 20:14	1
Dichlorodifluoromethane	1.0	U	1.0	0.68	ug/L			10/08/24 20:14	1
Ethylbenzene	1.0	U	1.0	0.74	ug/L			10/08/24 20:14	1
1,2-Dibromoethane	1.0	U	1.0	0.73	ug/L			10/08/24 20:14	1
Isopropylbenzene	1.0	U	1.0	0.79	ug/L			10/08/24 20:14	1
Methyl acetate	2.5	U	2.5	1.3	ug/L			10/08/24 20:14	1
Methyl tert-butyl ether	1.0	U	1.0	0.16	ug/L			10/08/24 20:14	1
Methylcyclohexane	1.0	U	1.0	0.16	ug/L			10/08/24 20:14	1
Methylene Chloride	1.0	U	1.0	0.44	ug/L			10/08/24 20:14	1
Styrene	1.0	U	1.0	0.73	ug/L			10/08/24 20:14	1
Tetrachloroethene	1.0	U	1.0	0.36	ug/L			10/08/24 20:14	1
Toluene	1.0	U	1.0	0.51	ug/L			10/08/24 20:14	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.90	ug/L			10/08/24 20:14	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.37	ug/L			10/08/24 20:14	1
Trichloroethene	**1.9**		1.0	0.46	ug/L			10/08/24 20:14	1
Trichlorofluoromethane	1.0	U	1.0	0.88	ug/L			10/08/24 20:14	1
Vinyl chloride	1.0	U	1.0	0.90	ug/L			10/08/24 20:14	1
Xylenes, Total	2.0	U	2.0	0.66	ug/L			10/08/24 20:14	1

Client: EHS Support, LLC
Job ID: 480-224023-1
Project/Site: Ashland Lee Ave. Railroad - Norwich,NY

Client Sample ID: MW-18
Lab Sample ID: 480-224023-3
Date Collected: 10/02/24 14:14
Matrix: Water
Date Received: 10/03/24 12:03

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Unknown	9.1	J	ug/L		1.54	N/A		10/08/24 20:14	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	102		80 - 120		10/08/24 20:14	1
1,2-Dichloroethane-d4 (Surr)	104		77 - 120		10/08/24 20:14	1
4-Bromofluorobenzene (Surr)	101		73 - 120		10/08/24 20:14	1
Dibromofluoromethane (Surr)	107		75 - 123		10/08/24 20:14	1

Client: EHS Support, LLC
Project/Site: Ashland Lee Ave. Railroad - Norwich,NY

Job ID: 480-224023-1

Client Sample ID: LAOW-11-1

Date Collected: 10/01/24 16:26
Date Received: 10/03/24 12:03

Lab Sample ID: 480-224023-4

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.0	U	1.0	0.82	ug/L			10/08/24 18:00	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.21	ug/L			10/08/24 18:00	1
1,1,2-Trichloroethane	1.0	U	1.0	0.23	ug/L			10/08/24 18:00	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.31	ug/L			10/08/24 18:00	1
1,1-Dichloroethane	1.0	U	1.0	0.38	ug/L			10/08/24 18:00	1
1,1-Dichloroethene	1.0	U	1.0	0.29	ug/L			10/08/24 18:00	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.41	ug/L			10/08/24 18:00	1
1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.39	ug/L			10/08/24 18:00	1
1,2-Dichlorobenzene	1.0	U	1.0	0.79	ug/L			10/08/24 18:00	1
1,2-Dichloroethane	1.0	U	1.0	0.21	ug/L			10/08/24 18:00	1
1,2-Dichloropropane	1.0	U	1.0	0.72	ug/L			10/08/24 18:00	1
1,3-Dichlorobenzene	1.0	U	1.0	0.78	ug/L			10/08/24 18:00	1
1,4-Dichlorobenzene	1.0	U	1.0	0.84	ug/L			10/08/24 18:00	1
2-Butanone (MEK)	10	U	10	1.3	ug/L			10/08/24 18:00	1
2-Hexanone	5.0	U	5.0	1.2	ug/L			10/08/24 18:00	1
4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	2.1	ug/L			10/08/24 18:00	1
Acetone	10	U	10	3.0	ug/L			10/08/24 18:00	1
Benzene	1.0	U	1.0	0.41	ug/L			10/08/24 18:00	1
Bromodichloromethane	1.0	U	1.0	0.39	ug/L			10/08/24 18:00	1
Bromoform	1.0	U	1.0	0.26	ug/L			10/08/24 18:00	1
Bromomethane	1.0	U	1.0	0.69	ug/L			10/08/24 18:00	1
Carbon disulfide	1.0	U	1.0	0.19	ug/L			10/08/24 18:00	1
Carbon tetrachloride	1.0	U	1.0	0.27	ug/L			10/08/24 18:00	1
Chlorobenzene	1.0	U	1.0	0.75	ug/L			10/08/24 18:00	1
Dibromochloromethane	1.0	U	1.0	0.32	ug/L			10/08/24 18:00	1
Chloroethane	1.0	U	1.0	0.32	ug/L			10/08/24 18:00	1
Chloroform	1.0	U	1.0	0.34	ug/L			10/08/24 18:00	1
Chloromethane	1.0	U	1.0	0.35	ug/L			10/08/24 18:00	1
cis-1,2-Dichloroethene	**9.4**		1.0	0.81	ug/L			10/08/24 18:00	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.36	ug/L			10/08/24 18:00	1
Cyclohexane	1.0	U	1.0	0.18	ug/L			10/08/24 18:00	1
Dichlorodifluoromethane	1.0	U	1.0	0.68	ug/L			10/08/24 18:00	1
Ethylbenzene	1.0	U	1.0	0.74	ug/L			10/08/24 18:00	1
1,2-Dibromoethane	1.0	U	1.0	0.73	ug/L			10/08/24 18:00	1
Isopropylbenzene	1.0	U	1.0	0.79	ug/L			10/08/24 18:00	1
Methyl acetate	2.5	U	2.5	1.3	ug/L			10/08/24 18:00	1
Methyl tert-butyl ether	1.0	U	1.0	0.16	ug/L			10/08/24 18:00	1
Methylcyclohexane	1.0	U	1.0	0.16	ug/L			10/08/24 18:00	1
Methylene Chloride	1.0	U	1.0	0.44	ug/L			10/08/24 18:00	1
Styrene	1.0	U	1.0	0.73	ug/L			10/08/24 18:00	1
Tetrachloroethene	1.0	U	1.0	0.36	ug/L			10/08/24 18:00	1
Toluene	1.0	U	1.0	0.51	ug/L			10/08/24 18:00	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.90	ug/L			10/08/24 18:00	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.37	ug/L			10/08/24 18:00	1
Trichloroethene	**2.7**		1.0	0.46	ug/L			10/08/24 18:00	1
Trichlorofluoromethane	1.0	U	1.0	0.88	ug/L			10/08/24 18:00	1
Vinyl chloride	1.0	U	1.0	0.90	ug/L			10/08/24 18:00	1
Xylenes, Total	2.0	U	2.0	0.66	ug/L			10/08/24 18:00	1

Client: EHS Support, LLC
Job ID: 480-224023-1
Project/Site: Ashland Lee Ave. Railroad - Norwich,NY

Client Sample ID: LAOW-11-1
Lab Sample ID: 480-224023-4
Date Collected: 10/01/24 16:26
Matrix: Water
Date Received: 10/03/24 12:03

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Tentatively Identified Compound	None		ug/L			N/A		10/08/24 18:00	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	90		80 - 120		10/08/24 18:00	1
1,2-Dichloroethane-d4 (Surr)	92		77 - 120		10/08/24 18:00	1
4-Bromofluorobenzene (Surr)	102		73 - 120		10/08/24 18:00	1
Dibromofluoromethane (Surr)	95		75 - 123		10/08/24 18:00	1

Client: EHS Support, LLC
Project/Site: Ashland Lee Ave. Railroad - Norwich,NY

Job ID: 480-224023-1

Client Sample ID: URS-12

Date Collected: 10/01/24 15:52
Date Received: 10/03/24 12:03

Lab Sample ID: 480-224023-5

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.0	U	1.0	0.82	ug/L			10/07/24 21:00	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.21	ug/L			10/07/24 21:00	1
1,1,2-Trichloroethane	1.0	U	1.0	0.23	ug/L			10/07/24 21:00	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.31	ug/L			10/07/24 21:00	1
1,1-Dichloroethane	1.0	U	1.0	0.38	ug/L			10/07/24 21:00	1
1,1-Dichloroethene	1.0	U	1.0	0.29	ug/L			10/07/24 21:00	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.41	ug/L			10/07/24 21:00	1
1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.39	ug/L			10/07/24 21:00	1
1,2-Dichlorobenzene	1.0	U	1.0	0.79	ug/L			10/07/24 21:00	1
1,2-Dichloroethane	1.0	U	1.0	0.21	ug/L			10/07/24 21:00	1
1,2-Dichloropropane	1.0	U	1.0	0.72	ug/L			10/07/24 21:00	1
1,3-Dichlorobenzene	1.0	U	1.0	0.78	ug/L			10/07/24 21:00	1
1,4-Dichlorobenzene	1.0	U	1.0	0.84	ug/L			10/07/24 21:00	1
2-Butanone (MEK)	10	U	10	1.3	ug/L			10/07/24 21:00	1
2-Hexanone	5.0	U	5.0	1.2	ug/L			10/07/24 21:00	1
4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	2.1	ug/L			10/07/24 21:00	1
Acetone	10	U	10	3.0	ug/L			10/07/24 21:00	1
Benzene	1.0	U	1.0	0.41	ug/L			10/07/24 21:00	1
Bromodichloromethane	1.0	U	1.0	0.39	ug/L			10/07/24 21:00	1
Bromoform	1.0	U	1.0	0.26	ug/L			10/07/24 21:00	1
Bromomethane	1.0	U	1.0	0.69	ug/L			10/07/24 21:00	1
Carbon disulfide	1.0	U	1.0	0.19	ug/L			10/07/24 21:00	1
Carbon tetrachloride	1.0	U	1.0	0.27	ug/L			10/07/24 21:00	1
Chlorobenzene	1.0	U	1.0	0.75	ug/L			10/07/24 21:00	1
Dibromochloromethane	1.0	U	1.0	0.32	ug/L			10/07/24 21:00	1
Chloroethane	1.0	U	1.0	0.32	ug/L			10/07/24 21:00	1
Chloroform	1.0	U	1.0	0.34	ug/L			10/07/24 21:00	1
Chloromethane	1.0	U	1.0	0.35	ug/L			10/07/24 21:00	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.81	ug/L			10/07/24 21:00	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.36	ug/L			10/07/24 21:00	1
Cyclohexane	1.0	U	1.0	0.18	ug/L			10/07/24 21:00	1
Dichlorodifluoromethane	1.0	U	1.0	0.68	ug/L			10/07/24 21:00	1
Ethylbenzene	1.0	U	1.0	0.74	ug/L			10/07/24 21:00	1
1,2-Dibromoethane	1.0	U	1.0	0.73	ug/L			10/07/24 21:00	1
Isopropylbenzene	1.0	U	1.0	0.79	ug/L			10/07/24 21:00	1
Methyl acetate	2.5	U	2.5	1.3	ug/L			10/07/24 21:00	1
Methyl tert-butyl ether	1.0	U	1.0	0.16	ug/L			10/07/24 21:00	1
Methylcyclohexane	1.0	U	1.0	0.16	ug/L			10/07/24 21:00	1
Methylene Chloride	1.0	U	1.0	0.44	ug/L			10/07/24 21:00	1
Styrene	1.0	U	1.0	0.73	ug/L			10/07/24 21:00	1
Tetrachloroethene	1.0	U	1.0	0.36	ug/L			10/07/24 21:00	1
Toluene	1.0	U	1.0	0.51	ug/L			10/07/24 21:00	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.90	ug/L			10/07/24 21:00	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.37	ug/L			10/07/24 21:00	1
Trichloroethene	**1.5**		1.0	0.46	ug/L			10/07/24 21:00	1
Trichlorofluoromethane	1.0	U	1.0	0.88	ug/L			10/07/24 21:00	1
Vinyl chloride	1.0	U	1.0	0.90	ug/L			10/07/24 21:00	1
Xylenes, Total	2.0	U	2.0	0.66	ug/L			10/07/24 21:00	1

Client: EHS Support, LLC
Job ID: 480-224023-1
Project/Site: Ashland Lee Ave. Railroad - Norwich,NY

Client Sample ID: URS-12
Lab Sample ID: 480-224023-5
Date Collected: 10/01/24 15:52
Matrix: Water
Date Received: 10/03/24 12:03

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Tentatively Identified Compound	None		ug/L			N/A		10/07/24 21:00	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	99		80 - 120		10/07/24 21:00	1
1,2-Dichloroethane-d4 (Surr)	105		77 - 120		10/07/24 21:00	1
4-Bromofluorobenzene (Surr)	99		73 - 120		10/07/24 21:00	1
Dibromofluoromethane (Surr)	117		75 - 123		10/07/24 21:00	1

Client: EHS Support, LLC
Project/Site: Ashland Lee Ave. Railroad - Norwich,NY

Job ID: 480-224023-1

Client Sample ID: URS-13
Date Collected: 10/02/24 08:34
Date Received: 10/03/24 12:03

Lab Sample ID: 480-224023-6
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.0	U	1.0	0.82	ug/L			10/07/24 21:23	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.21	ug/L			10/07/24 21:23	1
1,1,2-Trichloroethane	1.0	U	1.0	0.23	ug/L			10/07/24 21:23	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.31	ug/L			10/07/24 21:23	1
1,1-Dichloroethane	1.0	U	1.0	0.38	ug/L			10/07/24 21:23	1
1,1-Dichloroethene	1.0	U	1.0	0.29	ug/L			10/07/24 21:23	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.41	ug/L			10/07/24 21:23	1
1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.39	ug/L			10/07/24 21:23	1
1,2-Dichlorobenzene	1.0	U	1.0	0.79	ug/L			10/07/24 21:23	1
1,2-Dichloroethane	1.0	U	1.0	0.21	ug/L			10/07/24 21:23	1
1,2-Dichloropropane	1.0	U	1.0	0.72	ug/L			10/07/24 21:23	1
1,3-Dichlorobenzene	1.0	U	1.0	0.78	ug/L			10/07/24 21:23	1
1,4-Dichlorobenzene	1.0	U	1.0	0.84	ug/L			10/07/24 21:23	1
2-Butanone (MEK)	10	U	10	1.3	ug/L			10/07/24 21:23	1
2-Hexanone	5.0	U	5.0	1.2	ug/L			10/07/24 21:23	1
4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	2.1	ug/L			10/07/24 21:23	1
Acetone	10	U	10	3.0	ug/L			10/07/24 21:23	1
Benzene	1.0	U	1.0	0.41	ug/L			10/07/24 21:23	1
Bromodichloromethane	1.0	U	1.0	0.39	ug/L			10/07/24 21:23	1
Bromoform	1.0	U	1.0	0.26	ug/L			10/07/24 21:23	1
Bromomethane	1.0	U	1.0	0.69	ug/L			10/07/24 21:23	1
Carbon disulfide	1.0	U	1.0	0.19	ug/L			10/07/24 21:23	1
Carbon tetrachloride	1.0	U	1.0	0.27	ug/L			10/07/24 21:23	1
Chlorobenzene	1.0	U	1.0	0.75	ug/L			10/07/24 21:23	1
Dibromochloromethane	1.0	U	1.0	0.32	ug/L			10/07/24 21:23	1
Chloroethane	1.0	U	1.0	0.32	ug/L			10/07/24 21:23	1
Chloroform	1.0	U	1.0	0.34	ug/L			10/07/24 21:23	1
Chloromethane	1.0	U	1.0	0.35	ug/L			10/07/24 21:23	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.81	ug/L			10/07/24 21:23	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.36	ug/L			10/07/24 21:23	1
Cyclohexane	1.0	U	1.0	0.18	ug/L			10/07/24 21:23	1
Dichlorodifluoromethane	1.0	U	1.0	0.68	ug/L			10/07/24 21:23	1
Ethylbenzene	1.0	U	1.0	0.74	ug/L			10/07/24 21:23	1
1,2-Dibromoethane	1.0	U	1.0	0.73	ug/L			10/07/24 21:23	1
Isopropylbenzene	1.0	U	1.0	0.79	ug/L			10/07/24 21:23	1
Methyl acetate	2.5	U	2.5	1.3	ug/L			10/07/24 21:23	1
Methyl tert-butyl ether	1.0	U	1.0	0.16	ug/L			10/07/24 21:23	1
Methylcyclohexane	1.0	U	1.0	0.16	ug/L			10/07/24 21:23	1
Methylene Chloride	1.0	U	1.0	0.44	ug/L			10/07/24 21:23	1
Styrene	1.0	U	1.0	0.73	ug/L			10/07/24 21:23	1
Tetrachloroethene	1.0	U	1.0	0.36	ug/L			10/07/24 21:23	1
Toluene	1.0	U	1.0	0.51	ug/L			10/07/24 21:23	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.90	ug/L			10/07/24 21:23	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.37	ug/L			10/07/24 21:23	1
Trichloroethene	**0.73**	**J**	1.0	0.46	ug/L			10/07/24 21:23	1
Trichlorofluoromethane	1.0	U	1.0	0.88	ug/L			10/07/24 21:23	1
Vinyl chloride	1.0	U	1.0	0.90	ug/L			10/07/24 21:23	1
Xylenes, Total	2.0	U	2.0	0.66	ug/L			10/07/24 21:23	1

Client: EHS Support, LLC
Job ID: 480-224023-1
Project/Site: Ashland Lee Ave. Railroad - Norwich,NY

Client Sample ID: URS-13
Lab Sample ID: 480-224023-6
Date Collected: 10/02/24 08:34
Matrix: Water
Date Received: 10/03/24 12:03

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Tentatively Identified Compound	None		ug/L			N/A		10/07/24 21:23	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	98		80 - 120		10/07/24 21:23	1
1,2-Dichloroethane-d4 (Surr)	105		77 - 120		10/07/24 21:23	1
4-Bromofluorobenzene (Surr)	97		73 - 120		10/07/24 21:23	1
Dibromofluoromethane (Surr)	115		75 - 123		10/07/24 21:23	1

Client: EHS Support, LLC
Project/Site: Ashland Lee Ave. Railroad - Norwich,NY

Job ID: 480-224023-1

Client Sample ID: MW-20
Date Collected: 10/02/24 09:04
Date Received: 10/03/24 12:03

Lab Sample ID: 480-224023-7
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.0	U	1.0	0.82	ug/L			10/07/24 21:45	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.21	ug/L			10/07/24 21:45	1
1,1,2-Trichloroethane	1.0	U	1.0	0.23	ug/L			10/07/24 21:45	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.31	ug/L			10/07/24 21:45	1
1,1-Dichloroethane	1.0	U	1.0	0.38	ug/L			10/07/24 21:45	1
1,1-Dichloroethene	1.0	U	1.0	0.29	ug/L			10/07/24 21:45	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.41	ug/L			10/07/24 21:45	1
1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.39	ug/L			10/07/24 21:45	1
1,2-Dichlorobenzene	1.0	U	1.0	0.79	ug/L			10/07/24 21:45	1
1,2-Dichloroethane	1.0	U	1.0	0.21	ug/L			10/07/24 21:45	1
1,2-Dichloropropane	1.0	U	1.0	0.72	ug/L			10/07/24 21:45	1
1,3-Dichlorobenzene	1.0	U	1.0	0.78	ug/L			10/07/24 21:45	1
1,4-Dichlorobenzene	1.0	U	1.0	0.84	ug/L			10/07/24 21:45	1
2-Butanone (MEK)	10	U	10	1.3	ug/L			10/07/24 21:45	1
2-Hexanone	5.0	U	5.0	1.2	ug/L			10/07/24 21:45	1
4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	2.1	ug/L			10/07/24 21:45	1
Acetone	10	U	10	3.0	ug/L			10/07/24 21:45	1
Benzene	1.0	U	1.0	0.41	ug/L			10/07/24 21:45	1
Bromodichloromethane	1.0	U	1.0	0.39	ug/L			10/07/24 21:45	1
Bromoform	1.0	U	1.0	0.26	ug/L			10/07/24 21:45	1
Bromomethane	1.0	U	1.0	0.69	ug/L			10/07/24 21:45	1
Carbon disulfide	1.0	U	1.0	0.19	ug/L			10/07/24 21:45	1
Carbon tetrachloride	1.0	U	1.0	0.27	ug/L			10/07/24 21:45	1
Chlorobenzene	1.0	U	1.0	0.75	ug/L			10/07/24 21:45	1
Dibromochloromethane	1.0	U	1.0	0.32	ug/L			10/07/24 21:45	1
Chloroethane	1.0	U	1.0	0.32	ug/L			10/07/24 21:45	1
Chloroform	1.0	U	1.0	0.34	ug/L			10/07/24 21:45	1
Chloromethane	1.0	U	1.0	0.35	ug/L			10/07/24 21:45	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.81	ug/L			10/07/24 21:45	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.36	ug/L			10/07/24 21:45	1
Cyclohexane	1.0	U	1.0	0.18	ug/L			10/07/24 21:45	1
Dichlorodifluoromethane	1.0	U	1.0	0.68	ug/L			10/07/24 21:45	1
Ethylbenzene	1.0	U	1.0	0.74	ug/L			10/07/24 21:45	1
1,2-Dibromoethane	1.0	U	1.0	0.73	ug/L			10/07/24 21:45	1
Isopropylbenzene	1.0	U	1.0	0.79	ug/L			10/07/24 21:45	1
Methyl acetate	2.5	U	2.5	1.3	ug/L			10/07/24 21:45	1
Methyl tert-butyl ether	1.0	U	1.0	0.16	ug/L			10/07/24 21:45	1
Methylcyclohexane	1.0	U	1.0	0.16	ug/L			10/07/24 21:45	1
Methylene Chloride	1.0	U	1.0	0.44	ug/L			10/07/24 21:45	1
Styrene	1.0	U	1.0	0.73	ug/L			10/07/24 21:45	1
Tetrachloroethene	1.0	U	1.0	0.36	ug/L			10/07/24 21:45	1
Toluene	1.0	U	1.0	0.51	ug/L			10/07/24 21:45	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.90	ug/L			10/07/24 21:45	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.37	ug/L			10/07/24 21:45	1
Trichloroethene	**0.86**	**J**	1.0	0.46	ug/L			10/07/24 21:45	1
Trichlorofluoromethane	1.0	U	1.0	0.88	ug/L			10/07/24 21:45	1
Vinyl chloride	1.0	U	1.0	0.90	ug/L			10/07/24 21:45	1
Xylenes, Total	2.0	U	2.0	0.66	ug/L			10/07/24 21:45	1

Client: EHS Support, LLC
Job ID: 480-224023-1
Project/Site: Ashland Lee Ave. Railroad - Norwich,NY

Client Sample ID: MW-20
Lab Sample ID: 480-224023-7
Date Collected: 10/02/24 09:04
Matrix: Water
Date Received: 10/03/24 12:03

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Tentatively Identified Compound	None		ug/L			N/A		10/07/24 21:45	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	100		80 - 120		10/07/24 21:45	1
1,2-Dichloroethane-d4 (Surr)	107		77 - 120		10/07/24 21:45	1
4-Bromofluorobenzene (Surr)	99		73 - 120		10/07/24 21:45	1
Dibromofluoromethane (Surr)	115		75 - 123		10/07/24 21:45	1

Client: EHS Support, LLC
Project/Site: Ashland Lee Ave. Railroad - Norwich,NY

Job ID: 480-224023-1

Client Sample ID: URS-14
Date Collected: 10/02/24 11:32
Date Received: 10/03/24 12:03

Lab Sample ID: 480-224023-8
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.0	U	1.0	0.82	ug/L			10/07/24 22:08	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.21	ug/L			10/07/24 22:08	1
1,1,2-Trichloroethane	1.0	U	1.0	0.23	ug/L			10/07/24 22:08	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.31	ug/L			10/07/24 22:08	1
1,1-Dichloroethane	1.0	U	1.0	0.38	ug/L			10/07/24 22:08	1
1,1-Dichloroethene	1.0	U	1.0	0.29	ug/L			10/07/24 22:08	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.41	ug/L			10/07/24 22:08	1
1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.39	ug/L			10/07/24 22:08	1
1,2-Dichlorobenzene	1.0	U	1.0	0.79	ug/L			10/07/24 22:08	1
1,2-Dichloroethane	1.0	U	1.0	0.21	ug/L			10/07/24 22:08	1
1,2-Dichloropropane	1.0	U	1.0	0.72	ug/L			10/07/24 22:08	1
1,3-Dichlorobenzene	1.0	U	1.0	0.78	ug/L			10/07/24 22:08	1
1,4-Dichlorobenzene	1.0	U	1.0	0.84	ug/L			10/07/24 22:08	1
2-Butanone (MEK)	10	U	10	1.3	ug/L			10/07/24 22:08	1
2-Hexanone	5.0	U	5.0	1.2	ug/L			10/07/24 22:08	1
4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	2.1	ug/L			10/07/24 22:08	1
Acetone	10	U	10	3.0	ug/L			10/07/24 22:08	1
Benzene	1.0	U	1.0	0.41	ug/L			10/07/24 22:08	1
Bromodichloromethane	1.0	U	1.0	0.39	ug/L			10/07/24 22:08	1
Bromoform	1.0	U	1.0	0.26	ug/L			10/07/24 22:08	1
Bromomethane	1.0	U	1.0	0.69	ug/L			10/07/24 22:08	1
Carbon disulfide	1.0	U	1.0	0.19	ug/L			10/07/24 22:08	1
Carbon tetrachloride	1.0	U	1.0	0.27	ug/L			10/07/24 22:08	1
Chlorobenzene	1.0	U	1.0	0.75	ug/L			10/07/24 22:08	1
Dibromochloromethane	1.0	U	1.0	0.32	ug/L			10/07/24 22:08	1
Chloroethane	1.0	U	1.0	0.32	ug/L			10/07/24 22:08	1
Chloroform	1.0	U	1.0	0.34	ug/L			10/07/24 22:08	1
Chloromethane	1.0	U	1.0	0.35	ug/L			10/07/24 22:08	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.81	ug/L			10/07/24 22:08	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.36	ug/L			10/07/24 22:08	1
Cyclohexane	1.0	U	1.0	0.18	ug/L			10/07/24 22:08	1
Dichlorodifluoromethane	1.0	U	1.0	0.68	ug/L			10/07/24 22:08	1
Ethylbenzene	1.0	U	1.0	0.74	ug/L			10/07/24 22:08	1
1,2-Dibromoethane	1.0	U	1.0	0.73	ug/L			10/07/24 22:08	1
Isopropylbenzene	1.0	U	1.0	0.79	ug/L			10/07/24 22:08	1
Methyl acetate	2.5	U	2.5	1.3	ug/L			10/07/24 22:08	1
Methyl tert-butyl ether	1.0	U	1.0	0.16	ug/L			10/07/24 22:08	1
Methylcyclohexane	1.0	U	1.0	0.16	ug/L			10/07/24 22:08	1
Methylene Chloride	1.0	U	1.0	0.44	ug/L			10/07/24 22:08	1
Styrene	1.0	U	1.0	0.73	ug/L			10/07/24 22:08	1
Tetrachloroethene	1.0	U	1.0	0.36	ug/L			10/07/24 22:08	1
Toluene	1.0	U	1.0	0.51	ug/L			10/07/24 22:08	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.90	ug/L			10/07/24 22:08	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.37	ug/L			10/07/24 22:08	1
Trichloroethene	1.0	U	1.0	0.46	ug/L			10/07/24 22:08	1
Trichlorofluoromethane	1.0	U	1.0	0.88	ug/L			10/07/24 22:08	1
Vinyl chloride	1.0	U	1.0	0.90	ug/L			10/07/24 22:08	1
Xylenes, Total	2.0	U	2.0	0.66	ug/L			10/07/24 22:08	1

Client: EHS Support, LLC
Job ID: 480-224023-1
Project/Site: Ashland Lee Ave. Railroad - Norwich,NY

Client Sample ID: URS-14
Date Collected: 10/02/24 11:32
Date Received: 10/03/24 12:03

Lab Sample ID: 480-224023-8
Matrix: Water

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Tentatively Identified Compound	None		ug/L			N/A		10/07/24 22:08	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	100		80 - 120		10/07/24 22:08	1
1,2-Dichloroethane-d4 (Surr)	102		77 - 120		10/07/24 22:08	1
4-Bromofluorobenzene (Surr)	96		73 - 120		10/07/24 22:08	1
Dibromofluoromethane (Surr)	112		75 - 123		10/07/24 22:08	1

Client: EHS Support, LLC
Project/Site: Ashland Lee Ave. Railroad - Norwich,NY

Job ID: 480-224023-1

Client Sample ID: URS-2S
Date Collected: 10/02/24 12:58
Date Received: 10/03/24 12:03

Lab Sample ID: 480-224023-9
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.0	U	1.0	0.82	ug/L			10/07/24 22:30	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.21	ug/L			10/07/24 22:30	1
1,1,2-Trichloroethane	1.0	U	1.0	0.23	ug/L			10/07/24 22:30	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.31	ug/L			10/07/24 22:30	1
1,1-Dichloroethane	1.0	U	1.0	0.38	ug/L			10/07/24 22:30	1
1,1-Dichloroethene	1.0	U	1.0	0.29	ug/L			10/07/24 22:30	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.41	ug/L			10/07/24 22:30	1
1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.39	ug/L			10/07/24 22:30	1
1,2-Dichlorobenzene	1.0	U	1.0	0.79	ug/L			10/07/24 22:30	1
1,2-Dichloroethane	1.0	U	1.0	0.21	ug/L			10/07/24 22:30	1
1,2-Dichloropropane	1.0	U	1.0	0.72	ug/L			10/07/24 22:30	1
1,3-Dichlorobenzene	1.0	U	1.0	0.78	ug/L			10/07/24 22:30	1
1,4-Dichlorobenzene	1.0	U	1.0	0.84	ug/L			10/07/24 22:30	1
2-Butanone (MEK)	10	U	10	1.3	ug/L			10/07/24 22:30	1
2-Hexanone	5.0	U	5.0	1.2	ug/L			10/07/24 22:30	1
4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	2.1	ug/L			10/07/24 22:30	1
Acetone	10	U	10	3.0	ug/L			10/07/24 22:30	1
Benzene	1.0	U	1.0	0.41	ug/L			10/07/24 22:30	1
Bromodichloromethane	1.0	U	1.0	0.39	ug/L			10/07/24 22:30	1
Bromoform	1.0	U	1.0	0.26	ug/L			10/07/24 22:30	1
Bromomethane	1.0	U	1.0	0.69	ug/L			10/07/24 22:30	1
Carbon disulfide	1.0	U	1.0	0.19	ug/L			10/07/24 22:30	1
Carbon tetrachloride	1.0	U	1.0	0.27	ug/L			10/07/24 22:30	1
Chlorobenzene	1.0	U	1.0	0.75	ug/L			10/07/24 22:30	1
Dibromochloromethane	1.0	U	1.0	0.32	ug/L			10/07/24 22:30	1
Chloroethane	1.0	U	1.0	0.32	ug/L			10/07/24 22:30	1
Chloroform	1.0	U	1.0	0.34	ug/L			10/07/24 22:30	1
Chloromethane	1.0	U	1.0	0.35	ug/L			10/07/24 22:30	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.81	ug/L			10/07/24 22:30	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.36	ug/L			10/07/24 22:30	1
Cyclohexane	1.0	U	1.0	0.18	ug/L			10/07/24 22:30	1
Dichlorodifluoromethane	1.0	U	1.0	0.68	ug/L			10/07/24 22:30	1
Ethylbenzene	1.0	U	1.0	0.74	ug/L			10/07/24 22:30	1
1,2-Dibromoethane	1.0	U	1.0	0.73	ug/L			10/07/24 22:30	1
Isopropylbenzene	1.0	U	1.0	0.79	ug/L			10/07/24 22:30	1
Methyl acetate	2.5	U	2.5	1.3	ug/L			10/07/24 22:30	1
Methyl tert-butyl ether	1.0	U	1.0	0.16	ug/L			10/07/24 22:30	1
Methylcyclohexane	1.0	U	1.0	0.16	ug/L			10/07/24 22:30	1
Methylene Chloride	1.0	U	1.0	0.44	ug/L			10/07/24 22:30	1
Styrene	1.0	U	1.0	0.73	ug/L			10/07/24 22:30	1
Tetrachloroethene	1.0	U	1.0	0.36	ug/L			10/07/24 22:30	1
Toluene	1.0	U	1.0	0.51	ug/L			10/07/24 22:30	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.90	ug/L			10/07/24 22:30	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.37	ug/L			10/07/24 22:30	1
Trichloroethene	1.0	U	1.0	0.46	ug/L			10/07/24 22:30	1
Trichlorofluoromethane	1.0	U	1.0	0.88	ug/L			10/07/24 22:30	1
Vinyl chloride	1.0	U	1.0	0.90	ug/L			10/07/24 22:30	1
Xylenes, Total	2.0	U	2.0	0.66	ug/L			10/07/24 22:30	1

Client: EHS Support, LLC
Project/Site: Ashland Lee Ave. Railroad - Norwich,NY

Job ID: 480-224023-1

Client Sample ID: URS-2S
Date Collected: 10/02/24 12:58
Date Received: 10/03/24 12:03

Lab Sample ID: 480-224023-9
Matrix: Water

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Tentatively Identified Compound	None		ug/L			N/A		10/07/24 22:30	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	99		80 - 120		10/07/24 22:30	1
1,2-Dichloroethane-d4 (Surr)	108		77 - 120		10/07/24 22:30	1
4-Bromofluorobenzene (Surr)	98		73 - 120		10/07/24 22:30	1
Dibromofluoromethane (Surr)	114		75 - 123		10/07/24 22:30	1

Client: EHS Support, LLC
Project/Site: Ashland Lee Ave. Railroad - Norwich,NY

Job ID: 480-224023-1

Client Sample ID: URS-10S
Date Collected: 10/02/24 13:36
Date Received: 10/03/24 12:03

Lab Sample ID: 480-224023-10
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	**1.2**		1.0	0.82	ug/L			10/08/24 18:23	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.21	ug/L			10/08/24 18:23	1
1,1,2-Trichloroethane	1.0	U	1.0	0.23	ug/L			10/08/24 18:23	1
1,1,2-Trichloro-1,2,2-trifluoroethane	**0.40**	**J**	1.0	0.31	ug/L			10/08/24 18:23	1
1,1-Dichloroethane	1.0	U	1.0	0.38	ug/L			10/08/24 18:23	1
1,1-Dichloroethene	1.0	U	1.0	0.29	ug/L			10/08/24 18:23	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.41	ug/L			10/08/24 18:23	1
1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.39	ug/L			10/08/24 18:23	1
1,2-Dichlorobenzene	1.0	U	1.0	0.79	ug/L			10/08/24 18:23	1
1,2-Dichloroethane	1.0	U	1.0	0.21	ug/L			10/08/24 18:23	1
1,2-Dichloropropane	1.0	U	1.0	0.72	ug/L			10/08/24 18:23	1
1,3-Dichlorobenzene	1.0	U	1.0	0.78	ug/L			10/08/24 18:23	1
1,4-Dichlorobenzene	1.0	U	1.0	0.84	ug/L			10/08/24 18:23	1
2-Butanone (MEK)	10	U	10	1.3	ug/L			10/08/24 18:23	1
2-Hexanone	5.0	U	5.0	1.2	ug/L			10/08/24 18:23	1
4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	2.1	ug/L			10/08/24 18:23	1
Acetone	10	U	10	3.0	ug/L			10/08/24 18:23	1
Benzene	1.0	U	1.0	0.41	ug/L			10/08/24 18:23	1
Bromodichloromethane	1.0	U	1.0	0.39	ug/L			10/08/24 18:23	1
Bromoform	1.0	U	1.0	0.26	ug/L			10/08/24 18:23	1
Bromomethane	1.0	U	1.0	0.69	ug/L			10/08/24 18:23	1
Carbon disulfide	1.0	U	1.0	0.19	ug/L			10/08/24 18:23	1
Carbon tetrachloride	1.0	U	1.0	0.27	ug/L			10/08/24 18:23	1
Chlorobenzene	1.0	U	1.0	0.75	ug/L			10/08/24 18:23	1
Dibromochloromethane	1.0	U	1.0	0.32	ug/L			10/08/24 18:23	1
Chloroethane	1.0	U	1.0	0.32	ug/L			10/08/24 18:23	1
Chloroform	1.0	U	1.0	0.34	ug/L			10/08/24 18:23	1
Chloromethane	1.0	U	1.0	0.35	ug/L			10/08/24 18:23	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.81	ug/L			10/08/24 18:23	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.36	ug/L			10/08/24 18:23	1
Cyclohexane	1.0	U	1.0	0.18	ug/L			10/08/24 18:23	1
Dichlorodifluoromethane	1.0	U	1.0	0.68	ug/L			10/08/24 18:23	1
Ethylbenzene	1.0	U	1.0	0.74	ug/L			10/08/24 18:23	1
1,2-Dibromoethane	1.0	U	1.0	0.73	ug/L			10/08/24 18:23	1
Isopropylbenzene	1.0	U	1.0	0.79	ug/L			10/08/24 18:23	1
Methyl acetate	2.5	U	2.5	1.3	ug/L			10/08/24 18:23	1
Methyl tert-butyl ether	1.0	U	1.0	0.16	ug/L			10/08/24 18:23	1
Methylcyclohexane	1.0	U	1.0	0.16	ug/L			10/08/24 18:23	1
Methylene Chloride	1.0	U	1.0	0.44	ug/L			10/08/24 18:23	1
Styrene	1.0	U	1.0	0.73	ug/L			10/08/24 18:23	1
Tetrachloroethene	1.0	U	1.0	0.36	ug/L			10/08/24 18:23	1
Toluene	1.0	U	1.0	0.51	ug/L			10/08/24 18:23	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.90	ug/L			10/08/24 18:23	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.37	ug/L			10/08/24 18:23	1
Trichloroethene	**0.97**	**J**	1.0	0.46	ug/L			10/08/24 18:23	1
Trichlorofluoromethane	1.0	U	1.0	0.88	ug/L			10/08/24 18:23	1
Vinyl chloride	1.0	U	1.0	0.90	ug/L			10/08/24 18:23	1
Xylenes, Total	2.0	U	2.0	0.66	ug/L			10/08/24 18:23	1

Client: EHS Support, LLC
Job ID: 480-224023-1
Project/Site: Ashland Lee Ave. Railroad - Norwich,NY

Client Sample ID: URS-10S
Lab Sample ID: 480-224023-10
Date Collected: 10/02/24 13:36
Matrix: Water
Date Received: 10/03/24 12:03

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Tentatively Identified Compound	None		ug/L			N/A		10/08/24 18:23	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	91		80 - 120		10/08/24 18:23	1
1,2-Dichloroethane-d4 (Surr)	92		77 - 120		10/08/24 18:23	1
4-Bromofluorobenzene (Surr)	96		73 - 120		10/08/24 18:23	1
Dibromofluoromethane (Surr)	94		75 - 123		10/08/24 18:23	1

Client: EHS Support, LLC
Project/Site: Ashland Lee Ave. Railroad - Norwich,NY

Job ID: 480-224023-1

Client Sample ID: DUP2
Date Collected: 10/02/24 00:00
Date Received: 10/03/24 12:03

Lab Sample ID: 480-224023-11
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.0	U	1.0	0.82	ug/L			10/08/24 20:39	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.21	ug/L			10/08/24 20:39	1
1,1,2-Trichloroethane	1.0	U	1.0	0.23	ug/L			10/08/24 20:39	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.31	ug/L			10/08/24 20:39	1
1,1-Dichloroethane	1.0	U	1.0	0.38	ug/L			10/08/24 20:39	1
1,1-Dichloroethene	1.0	U	1.0	0.29	ug/L			10/08/24 20:39	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.41	ug/L			10/08/24 20:39	1
1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.39	ug/L			10/08/24 20:39	1
1,2-Dichlorobenzene	1.0	U	1.0	0.79	ug/L			10/08/24 20:39	1
1,2-Dichloroethane	1.0	U	1.0	0.21	ug/L			10/08/24 20:39	1
1,2-Dichloropropane	1.0	U	1.0	0.72	ug/L			10/08/24 20:39	1
1,3-Dichlorobenzene	1.0	U	1.0	0.78	ug/L			10/08/24 20:39	1
1,4-Dichlorobenzene	1.0	U	1.0	0.84	ug/L			10/08/24 20:39	1
2-Butanone (MEK)	10	U *+	10	1.3	ug/L			10/08/24 20:39	1
2-Hexanone	5.0	U	5.0	1.2	ug/L			10/08/24 20:39	1
4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	2.1	ug/L			10/08/24 20:39	1
Acetone	10	U	10	3.0	ug/L			10/08/24 20:39	1
Benzene	1.0	U	1.0	0.41	ug/L			10/08/24 20:39	1
Bromodichloromethane	1.0	U	1.0	0.39	ug/L			10/08/24 20:39	1
Bromoform	1.0	U	1.0	0.26	ug/L			10/08/24 20:39	1
Bromomethane	1.0	U	1.0	0.69	ug/L			10/08/24 20:39	1
Carbon disulfide	1.0	U	1.0	0.19	ug/L			10/08/24 20:39	1
Carbon tetrachloride	1.0	U	1.0	0.27	ug/L			10/08/24 20:39	1
Chlorobenzene	1.0	U	1.0	0.75	ug/L			10/08/24 20:39	1
Dibromochloromethane	1.0	U	1.0	0.32	ug/L			10/08/24 20:39	1
Chloroethane	1.0	U	1.0	0.32	ug/L			10/08/24 20:39	1
Chloroform	1.0	U	1.0	0.34	ug/L			10/08/24 20:39	1
Chloromethane	**0.42**	**J *+**	1.0	0.35	ug/L			10/08/24 20:39	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.81	ug/L			10/08/24 20:39	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.36	ug/L			10/08/24 20:39	1
Cyclohexane	1.0	U	1.0	0.18	ug/L			10/08/24 20:39	1
Dichlorodifluoromethane	1.0	U	1.0	0.68	ug/L			10/08/24 20:39	1
Ethylbenzene	1.0	U	1.0	0.74	ug/L			10/08/24 20:39	1
1,2-Dibromoethane	1.0	U	1.0	0.73	ug/L			10/08/24 20:39	1
Isopropylbenzene	1.0	U	1.0	0.79	ug/L			10/08/24 20:39	1
Methyl acetate	2.5	U	2.5	1.3	ug/L			10/08/24 20:39	1
Methyl tert-butyl ether	1.0	U	1.0	0.16	ug/L			10/08/24 20:39	1
Methylcyclohexane	1.0	U	1.0	0.16	ug/L			10/08/24 20:39	1
Methylene Chloride	1.0	U	1.0	0.44	ug/L			10/08/24 20:39	1
Styrene	1.0	U	1.0	0.73	ug/L			10/08/24 20:39	1
Tetrachloroethene	1.0	U	1.0	0.36	ug/L			10/08/24 20:39	1
Toluene	1.0	U	1.0	0.51	ug/L			10/08/24 20:39	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.90	ug/L			10/08/24 20:39	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.37	ug/L			10/08/24 20:39	1
Trichloroethene	**0.60**	**J**	1.0	0.46	ug/L			10/08/24 20:39	1
Trichlorofluoromethane	1.0	U	1.0	0.88	ug/L			10/08/24 20:39	1
Vinyl chloride	1.0	U	1.0	0.90	ug/L			10/08/24 20:39	1
Xylenes, Total	2.0	U	2.0	0.66	ug/L			10/08/24 20:39	1

Client: EHS Support, LLC
Job ID: 480-224023-1
Project/Site: Ashland Lee Ave. Railroad - Norwich,NY

Client Sample ID: DUP2
Lab Sample ID: 480-224023-11
Date Collected: 10/02/24 00:00
Matrix: Water
Date Received: 10/03/24 12:03

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Unknown	26	J	ug/L		1.55	N/A		10/08/24 20:39	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	103		80 - 120		10/08/24 20:39	1
1,2-Dichloroethane-d4 (Surr)	102		77 - 120		10/08/24 20:39	1
4-Bromofluorobenzene (Surr)	107		73 - 120		10/08/24 20:39	1
Dibromofluoromethane (Surr)	108		75 - 123		10/08/24 20:39	1

Client: EHS Support, LLC
Project/Site: Ashland Lee Ave. Railroad - Norwich,NY

Job ID: 480-224023-1

Client Sample ID: LAOW-11-4

Date Collected: 10/01/24 12:56
Date Received: 10/03/24 12:03

Lab Sample ID: 480-224023-12

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	**0.93**	**J**	1.0	0.82	ug/L			10/08/24 18:45	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.21	ug/L			10/08/24 18:45	1
1,1,2-Trichloroethane	1.0	U	1.0	0.23	ug/L			10/08/24 18:45	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.31	ug/L			10/08/24 18:45	1
1,1-Dichloroethane	1.0	U	1.0	0.38	ug/L			10/08/24 18:45	1
1,1-Dichloroethene	1.0	U	1.0	0.29	ug/L			10/08/24 18:45	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.41	ug/L			10/08/24 18:45	1
1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.39	ug/L			10/08/24 18:45	1
1,2-Dichlorobenzene	1.0	U	1.0	0.79	ug/L			10/08/24 18:45	1
1,2-Dichloroethane	1.0	U	1.0	0.21	ug/L			10/08/24 18:45	1
1,2-Dichloropropane	1.0	U	1.0	0.72	ug/L			10/08/24 18:45	1
1,3-Dichlorobenzene	1.0	U	1.0	0.78	ug/L			10/08/24 18:45	1
1,4-Dichlorobenzene	1.0	U	1.0	0.84	ug/L			10/08/24 18:45	1
2-Butanone (MEK)	10	U	10	1.3	ug/L			10/08/24 18:45	1
2-Hexanone	5.0	U	5.0	1.2	ug/L			10/08/24 18:45	1
4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	2.1	ug/L			10/08/24 18:45	1
Acetone	10	U	10	3.0	ug/L			10/08/24 18:45	1
Benzene	1.0	U	1.0	0.41	ug/L			10/08/24 18:45	1
Bromodichloromethane	1.0	U	1.0	0.39	ug/L			10/08/24 18:45	1
Bromoform	1.0	U	1.0	0.26	ug/L			10/08/24 18:45	1
Bromomethane	1.0	U	1.0	0.69	ug/L			10/08/24 18:45	1
Carbon disulfide	1.0	U	1.0	0.19	ug/L			10/08/24 18:45	1
Carbon tetrachloride	1.0	U	1.0	0.27	ug/L			10/08/24 18:45	1
Chlorobenzene	1.0	U	1.0	0.75	ug/L			10/08/24 18:45	1
Dibromochloromethane	1.0	U	1.0	0.32	ug/L			10/08/24 18:45	1
Chloroethane	1.0	U	1.0	0.32	ug/L			10/08/24 18:45	1
Chloroform	1.0	U	1.0	0.34	ug/L			10/08/24 18:45	1
Chloromethane	1.0	U	1.0	0.35	ug/L			10/08/24 18:45	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.81	ug/L			10/08/24 18:45	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.36	ug/L			10/08/24 18:45	1
Cyclohexane	1.0	U	1.0	0.18	ug/L			10/08/24 18:45	1
Dichlorodifluoromethane	1.0	U	1.0	0.68	ug/L			10/08/24 18:45	1
Ethylbenzene	1.0	U	1.0	0.74	ug/L			10/08/24 18:45	1
1,2-Dibromoethane	1.0	U	1.0	0.73	ug/L			10/08/24 18:45	1
Isopropylbenzene	1.0	U	1.0	0.79	ug/L			10/08/24 18:45	1
Methyl acetate	2.5	U	2.5	1.3	ug/L			10/08/24 18:45	1
Methyl tert-butyl ether	1.0	U	1.0	0.16	ug/L			10/08/24 18:45	1
Methylcyclohexane	1.0	U	1.0	0.16	ug/L			10/08/24 18:45	1
Methylene Chloride	1.0	U	1.0	0.44	ug/L			10/08/24 18:45	1
Styrene	1.0	U	1.0	0.73	ug/L			10/08/24 18:45	1
Tetrachloroethene	1.0	U	1.0	0.36	ug/L			10/08/24 18:45	1
Toluene	1.0	U	1.0	0.51	ug/L			10/08/24 18:45	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.90	ug/L			10/08/24 18:45	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.37	ug/L			10/08/24 18:45	1
Trichloroethene	**21**		1.0	0.46	ug/L			10/08/24 18:45	1
Trichlorofluoromethane	1.0	U	1.0	0.88	ug/L			10/08/24 18:45	1
Vinyl chloride	1.0	U	1.0	0.90	ug/L			10/08/24 18:45	1
Xylenes, Total	2.0	U	2.0	0.66	ug/L			10/08/24 18:45	1

Client: EHS Support, LLC
Project/Site: Ashland Lee Ave. Railroad - Norwich,NY

Job ID: 480-224023-1

Client Sample ID: LAOW-11-4

Date Collected: 10/01/24 12:56
Date Received: 10/03/24 12:03

Lab Sample ID: 480-224023-12

Matrix: Water

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Tentatively Identified Compound	None		ug/L			N/A		10/08/24 18:45	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	92		80 - 120		10/08/24 18:45	1
1,2-Dichloroethane-d4 (Surr)	92		77 - 120		10/08/24 18:45	1
4-Bromofluorobenzene (Surr)	99		73 - 120		10/08/24 18:45	1
Dibromofluoromethane (Surr)	90		75 - 123		10/08/24 18:45	1

Client: EHS Support, LLC
Project/Site: Ashland Lee Ave. Railroad - Norwich,NY

Job ID: 480-224023-1

Client Sample ID: MW-12
Date Collected: 10/02/24 10:36
Date Received: 10/03/24 12:03

Lab Sample ID: 480-224023-13
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.0	U	1.0	0.82	ug/L			10/07/24 17:26	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.21	ug/L			10/07/24 17:26	1
1,1,2-Trichloroethane	1.0	U	1.0	0.23	ug/L			10/07/24 17:26	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.31	ug/L			10/07/24 17:26	1
1,1-Dichloroethane	1.0	U	1.0	0.38	ug/L			10/07/24 17:26	1
1,1-Dichloroethene	1.0	U	1.0	0.29	ug/L			10/07/24 17:26	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.41	ug/L			10/07/24 17:26	1
1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.39	ug/L			10/07/24 17:26	1
1,2-Dichlorobenzene	1.0	U	1.0	0.79	ug/L			10/07/24 17:26	1
1,2-Dichloroethane	1.0	U	1.0	0.21	ug/L			10/07/24 17:26	1
1,2-Dichloropropane	1.0	U	1.0	0.72	ug/L			10/07/24 17:26	1
1,3-Dichlorobenzene	1.0	U	1.0	0.78	ug/L			10/07/24 17:26	1
1,4-Dichlorobenzene	1.0	U	1.0	0.84	ug/L			10/07/24 17:26	1
2-Butanone (MEK)	10	U	10	1.3	ug/L			10/07/24 17:26	1
2-Hexanone	5.0	U	5.0	1.2	ug/L			10/07/24 17:26	1
4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	2.1	ug/L			10/07/24 17:26	1
Acetone	10	U	10	3.0	ug/L			10/07/24 17:26	1
Benzene	1.0	U	1.0	0.41	ug/L			10/07/24 17:26	1
Bromodichloromethane	1.0	U	1.0	0.39	ug/L			10/07/24 17:26	1
Bromoform	1.0	U	1.0	0.26	ug/L			10/07/24 17:26	1
Bromomethane	1.0	U	1.0	0.69	ug/L			10/07/24 17:26	1
Carbon disulfide	1.0	U	1.0	0.19	ug/L			10/07/24 17:26	1
Carbon tetrachloride	1.0	U	1.0	0.27	ug/L			10/07/24 17:26	1
Chlorobenzene	1.0	U	1.0	0.75	ug/L			10/07/24 17:26	1
Dibromochloromethane	1.0	U	1.0	0.32	ug/L			10/07/24 17:26	1
Chloroethane	1.0	U	1.0	0.32	ug/L			10/07/24 17:26	1
Chloroform	1.0	U	1.0	0.34	ug/L			10/07/24 17:26	1
Chloromethane	1.0	U	1.0	0.35	ug/L			10/07/24 17:26	1
cis-1,2-Dichloroethene	**1.1**		1.0	0.81	ug/L			10/07/24 17:26	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.36	ug/L			10/07/24 17:26	1
Cyclohexane	1.0	U	1.0	0.18	ug/L			10/07/24 17:26	1
Dichlorodifluoromethane	1.0	U	1.0	0.68	ug/L			10/07/24 17:26	1
Ethylbenzene	1.0	U	1.0	0.74	ug/L			10/07/24 17:26	1
1,2-Dibromoethane	1.0	U	1.0	0.73	ug/L			10/07/24 17:26	1
Isopropylbenzene	1.0	U	1.0	0.79	ug/L			10/07/24 17:26	1
Methyl acetate	2.5	U	2.5	1.3	ug/L			10/07/24 17:26	1
Methyl tert-butyl ether	1.0	U	1.0	0.16	ug/L			10/07/24 17:26	1
Methylcyclohexane	1.0	U	1.0	0.16	ug/L			10/07/24 17:26	1
Methylene Chloride	1.0	U	1.0	0.44	ug/L			10/07/24 17:26	1
Styrene	1.0	U	1.0	0.73	ug/L			10/07/24 17:26	1
Tetrachloroethene	1.0	U	1.0	0.36	ug/L			10/07/24 17:26	1
Toluene	1.0	U	1.0	0.51	ug/L			10/07/24 17:26	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.90	ug/L			10/07/24 17:26	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.37	ug/L			10/07/24 17:26	1
Trichloroethene	**23**		1.0	0.46	ug/L			10/07/24 17:26	1
Trichlorofluoromethane	1.0	U	1.0	0.88	ug/L			10/07/24 17:26	1
Vinyl chloride	1.0	U	1.0	0.90	ug/L			10/07/24 17:26	1
Xylenes, Total	2.0	U	2.0	0.66	ug/L			10/07/24 17:26	1

Client: EHS Support, LLC
Job ID: 480-224023-1
Project/Site: Ashland Lee Ave. Railroad - Norwich,NY

Client Sample ID: MW-12
Lab Sample ID: 480-224023-13
Date Collected: 10/02/24 10:36
Matrix: Water
Date Received: 10/03/24 12:03

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Tentatively Identified Compound	None		ug/L			N/A		10/07/24 17:26	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	114		80 - 120		10/07/24 17:26	1
1,2-Dichloroethane-d4 (Surr)	113		77 - 120		10/07/24 17:26	1
4-Bromofluorobenzene (Surr)	109		73 - 120		10/07/24 17:26	1
Dibromofluoromethane (Surr)	114		75 - 123		10/07/24 17:26	1

Client: EHS Support, LLC
Project/Site: Ashland Lee Ave. Railroad - Norwich,NY

Job ID: 480-224023-1

Client Sample ID: LAOW-11-5
Date Collected: 10/01/24 13:26
Date Received: 10/03/24 12:03

Lab Sample ID: 480-224023-14
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.0	U	1.0	0.82	ug/L			10/07/24 17:50	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.21	ug/L			10/07/24 17:50	1
1,1,2-Trichloroethane	1.0	U	1.0	0.23	ug/L			10/07/24 17:50	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.31	ug/L			10/07/24 17:50	1
1,1-Dichloroethane	1.0	U	1.0	0.38	ug/L			10/07/24 17:50	1
1,1-Dichloroethene	1.0	U	1.0	0.29	ug/L			10/07/24 17:50	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.41	ug/L			10/07/24 17:50	1
1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.39	ug/L			10/07/24 17:50	1
1,2-Dichlorobenzene	1.0	U	1.0	0.79	ug/L			10/07/24 17:50	1
1,2-Dichloroethane	1.0	U	1.0	0.21	ug/L			10/07/24 17:50	1
1,2-Dichloropropane	1.0	U	1.0	0.72	ug/L			10/07/24 17:50	1
1,3-Dichlorobenzene	1.0	U	1.0	0.78	ug/L			10/07/24 17:50	1
1,4-Dichlorobenzene	1.0	U	1.0	0.84	ug/L			10/07/24 17:50	1
2-Butanone (MEK)	10	U	10	1.3	ug/L			10/07/24 17:50	1
2-Hexanone	5.0	U	5.0	1.2	ug/L			10/07/24 17:50	1
4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	2.1	ug/L			10/07/24 17:50	1
Acetone	10	U	10	3.0	ug/L			10/07/24 17:50	1
Benzene	1.0	U	1.0	0.41	ug/L			10/07/24 17:50	1
Bromodichloromethane	1.0	U	1.0	0.39	ug/L			10/07/24 17:50	1
Bromoform	1.0	U	1.0	0.26	ug/L			10/07/24 17:50	1
Bromomethane	1.0	U	1.0	0.69	ug/L			10/07/24 17:50	1
Carbon disulfide	1.0	U	1.0	0.19	ug/L			10/07/24 17:50	1
Carbon tetrachloride	1.0	U	1.0	0.27	ug/L			10/07/24 17:50	1
Chlorobenzene	1.0	U	1.0	0.75	ug/L			10/07/24 17:50	1
Dibromochloromethane	1.0	U	1.0	0.32	ug/L			10/07/24 17:50	1
Chloroethane	1.0	U	1.0	0.32	ug/L			10/07/24 17:50	1
Chloroform	1.0	U	1.0	0.34	ug/L			10/07/24 17:50	1
Chloromethane	1.0	U	1.0	0.35	ug/L			10/07/24 17:50	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.81	ug/L			10/07/24 17:50	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.36	ug/L			10/07/24 17:50	1
Cyclohexane	1.0	U	1.0	0.18	ug/L			10/07/24 17:50	1
Dichlorodifluoromethane	1.0	U	1.0	0.68	ug/L			10/07/24 17:50	1
Ethylbenzene	1.0	U	1.0	0.74	ug/L			10/07/24 17:50	1
1,2-Dibromoethane	1.0	U	1.0	0.73	ug/L			10/07/24 17:50	1
Isopropylbenzene	1.0	U	1.0	0.79	ug/L			10/07/24 17:50	1
Methyl acetate	2.5	U	2.5	1.3	ug/L			10/07/24 17:50	1
Methyl tert-butyl ether	1.0	U	1.0	0.16	ug/L			10/07/24 17:50	1
Methylcyclohexane	1.0	U	1.0	0.16	ug/L			10/07/24 17:50	1
Methylene Chloride	1.0	U	1.0	0.44	ug/L			10/07/24 17:50	1
Styrene	1.0	U	1.0	0.73	ug/L			10/07/24 17:50	1
Tetrachloroethene	1.0	U	1.0	0.36	ug/L			10/07/24 17:50	1
Toluene	1.0	U	1.0	0.51	ug/L			10/07/24 17:50	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.90	ug/L			10/07/24 17:50	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.37	ug/L			10/07/24 17:50	1
Trichloroethene	1.0	U	1.0	0.46	ug/L			10/07/24 17:50	1
Trichlorofluoromethane	1.0	U	1.0	0.88	ug/L			10/07/24 17:50	1
Vinyl chloride	1.0	U	1.0	0.90	ug/L			10/07/24 17:50	1
Xylenes, Total	2.0	U	2.0	0.66	ug/L			10/07/24 17:50	1

Client: EHS Support, LLC
Job ID: 480-224023-1
Project/Site: Ashland Lee Ave. Railroad - Norwich,NY

Client Sample ID: LAOW-11-5
Lab Sample ID: 480-224023-14
Date Collected: 10/01/24 13:26
Matrix: Water
Date Received: 10/03/24 12:03

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Tentatively Identified Compound	None		ug/L			N/A		10/07/24 17:50	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	104		80 - 120		10/07/24 17:50	1
1,2-Dichloroethane-d4 (Surr)	112		77 - 120		10/07/24 17:50	1
4-Bromofluorobenzene (Surr)	102		73 - 120		10/07/24 17:50	1
Dibromofluoromethane (Surr)	113		75 - 123		10/07/24 17:50	1

Client: EHS Support, LLC
Project/Site: Ashland Lee Ave. Railroad - Norwich,NY

Job ID: 480-224023-1

Client Sample ID: LAOW-11-6
Date Collected: 10/02/24 09:38
Date Received: 10/03/24 12:03

Lab Sample ID: 480-224023-15
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.0	U	1.0	0.82	ug/L			10/07/24 18:13	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.21	ug/L			10/07/24 18:13	1
1,1,2-Trichloroethane	1.0	U	1.0	0.23	ug/L			10/07/24 18:13	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.31	ug/L			10/07/24 18:13	1
1,1-Dichloroethane	1.0	U	1.0	0.38	ug/L			10/07/24 18:13	1
1,1-Dichloroethene	1.0	U	1.0	0.29	ug/L			10/07/24 18:13	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.41	ug/L			10/07/24 18:13	1
1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.39	ug/L			10/07/24 18:13	1
1,2-Dichlorobenzene	1.0	U	1.0	0.79	ug/L			10/07/24 18:13	1
1,2-Dichloroethane	1.0	U	1.0	0.21	ug/L			10/07/24 18:13	1
1,2-Dichloropropane	1.0	U	1.0	0.72	ug/L			10/07/24 18:13	1
1,3-Dichlorobenzene	1.0	U	1.0	0.78	ug/L			10/07/24 18:13	1
1,4-Dichlorobenzene	1.0	U	1.0	0.84	ug/L			10/07/24 18:13	1
2-Butanone (MEK)	10	U	10	1.3	ug/L			10/07/24 18:13	1
2-Hexanone	5.0	U	5.0	1.2	ug/L			10/07/24 18:13	1
4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	2.1	ug/L			10/07/24 18:13	1
Acetone	10	U	10	3.0	ug/L			10/07/24 18:13	1
Benzene	1.0	U	1.0	0.41	ug/L			10/07/24 18:13	1
Bromodichloromethane	1.0	U	1.0	0.39	ug/L			10/07/24 18:13	1
Bromoform	1.0	U	1.0	0.26	ug/L			10/07/24 18:13	1
Bromomethane	1.0	U	1.0	0.69	ug/L			10/07/24 18:13	1
Carbon disulfide	1.0	U	1.0	0.19	ug/L			10/07/24 18:13	1
Carbon tetrachloride	1.0	U	1.0	0.27	ug/L			10/07/24 18:13	1
Chlorobenzene	1.0	U	1.0	0.75	ug/L			10/07/24 18:13	1
Dibromochloromethane	1.0	U	1.0	0.32	ug/L			10/07/24 18:13	1
Chloroethane	1.0	U	1.0	0.32	ug/L			10/07/24 18:13	1
Chloroform	1.0	U	1.0	0.34	ug/L			10/07/24 18:13	1
Chloromethane	1.0	U	1.0	0.35	ug/L			10/07/24 18:13	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.81	ug/L			10/07/24 18:13	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.36	ug/L			10/07/24 18:13	1
Cyclohexane	1.0	U	1.0	0.18	ug/L			10/07/24 18:13	1
Dichlorodifluoromethane	1.0	U	1.0	0.68	ug/L			10/07/24 18:13	1
Ethylbenzene	1.0	U	1.0	0.74	ug/L			10/07/24 18:13	1
1,2-Dibromoethane	1.0	U	1.0	0.73	ug/L			10/07/24 18:13	1
Isopropylbenzene	1.0	U	1.0	0.79	ug/L			10/07/24 18:13	1
Methyl acetate	2.5	U	2.5	1.3	ug/L			10/07/24 18:13	1
Methyl tert-butyl ether	1.0	U	1.0	0.16	ug/L			10/07/24 18:13	1
Methylcyclohexane	1.0	U	1.0	0.16	ug/L			10/07/24 18:13	1
Methylene Chloride	1.0	U	1.0	0.44	ug/L			10/07/24 18:13	1
Styrene	1.0	U	1.0	0.73	ug/L			10/07/24 18:13	1
Tetrachloroethene	1.0	U	1.0	0.36	ug/L			10/07/24 18:13	1
Toluene	1.0	U	1.0	0.51	ug/L			10/07/24 18:13	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.90	ug/L			10/07/24 18:13	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.37	ug/L			10/07/24 18:13	1
Trichloroethene	**1.0**		1.0	0.46	ug/L			10/07/24 18:13	1
Trichlorofluoromethane	1.0	U	1.0	0.88	ug/L			10/07/24 18:13	1
Vinyl chloride	1.0	U	1.0	0.90	ug/L			10/07/24 18:13	1
Xylenes, Total	2.0	U	2.0	0.66	ug/L			10/07/24 18:13	1

Client: EHS Support, LLC
Job ID: 480-224023-1
Project/Site: Ashland Lee Ave. Railroad - Norwich,NY

Client Sample ID: LAOW-11-6
Lab Sample ID: 480-224023-15
Date Collected: 10/02/24 09:38
Matrix: Water
Date Received: 10/03/24 12:03

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Tentatively Identified Compound	None		ug/L			N/A		10/07/24 18:13	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	102		80 - 120		10/07/24 18:13	1
1,2-Dichloroethane-d4 (Surr)	106		77 - 120		10/07/24 18:13	1
4-Bromofluorobenzene (Surr)	98		73 - 120		10/07/24 18:13	1
Dibromofluoromethane (Surr)	107		75 - 123		10/07/24 18:13	1

Client: EHS Support, LLC
Project/Site: Ashland Lee Ave. Railroad - Norwich,NY

Job ID: 480-224023-1

Client Sample ID: MW-13
Date Collected: 10/02/24 10:18
Date Received: 10/03/24 12:03

Lab Sample ID: 480-224023-16
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.0	U	1.0	0.82	ug/L			10/07/24 18:36	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.21	ug/L			10/07/24 18:36	1
1,1,2-Trichloroethane	1.0	U	1.0	0.23	ug/L			10/07/24 18:36	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.31	ug/L			10/07/24 18:36	1
1,1-Dichloroethane	1.0	U	1.0	0.38	ug/L			10/07/24 18:36	1
1,1-Dichloroethene	1.0	U	1.0	0.29	ug/L			10/07/24 18:36	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.41	ug/L			10/07/24 18:36	1
1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.39	ug/L			10/07/24 18:36	1
1,2-Dichlorobenzene	1.0	U	1.0	0.79	ug/L			10/07/24 18:36	1
1,2-Dichloroethane	1.0	U	1.0	0.21	ug/L			10/07/24 18:36	1
1,2-Dichloropropane	1.0	U	1.0	0.72	ug/L			10/07/24 18:36	1
1,3-Dichlorobenzene	1.0	U	1.0	0.78	ug/L			10/07/24 18:36	1
1,4-Dichlorobenzene	1.0	U	1.0	0.84	ug/L			10/07/24 18:36	1
2-Butanone (MEK)	10	U	10	1.3	ug/L			10/07/24 18:36	1
2-Hexanone	5.0	U	5.0	1.2	ug/L			10/07/24 18:36	1
4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	2.1	ug/L			10/07/24 18:36	1
Acetone	10	U	10	3.0	ug/L			10/07/24 18:36	1
Benzene	1.0	U	1.0	0.41	ug/L			10/07/24 18:36	1
Bromodichloromethane	1.0	U	1.0	0.39	ug/L			10/07/24 18:36	1
Bromoform	1.0	U	1.0	0.26	ug/L			10/07/24 18:36	1
Bromomethane	1.0	U	1.0	0.69	ug/L			10/07/24 18:36	1
Carbon disulfide	1.0	U	1.0	0.19	ug/L			10/07/24 18:36	1
Carbon tetrachloride	1.0	U	1.0	0.27	ug/L			10/07/24 18:36	1
Chlorobenzene	1.0	U	1.0	0.75	ug/L			10/07/24 18:36	1
Dibromochloromethane	1.0	U	1.0	0.32	ug/L			10/07/24 18:36	1
Chloroethane	1.0	U	1.0	0.32	ug/L			10/07/24 18:36	1
Chloroform	1.0	U	1.0	0.34	ug/L			10/07/24 18:36	1
Chloromethane	1.0	U	1.0	0.35	ug/L			10/07/24 18:36	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.81	ug/L			10/07/24 18:36	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.36	ug/L			10/07/24 18:36	1
Cyclohexane	1.0	U	1.0	0.18	ug/L			10/07/24 18:36	1
Dichlorodifluoromethane	1.0	U	1.0	0.68	ug/L			10/07/24 18:36	1
Ethylbenzene	1.0	U	1.0	0.74	ug/L			10/07/24 18:36	1
1,2-Dibromoethane	1.0	U	1.0	0.73	ug/L			10/07/24 18:36	1
Isopropylbenzene	1.0	U	1.0	0.79	ug/L			10/07/24 18:36	1
Methyl acetate	2.5	U	2.5	1.3	ug/L			10/07/24 18:36	1
Methyl tert-butyl ether	1.0	U	1.0	0.16	ug/L			10/07/24 18:36	1
Methylcyclohexane	1.0	U	1.0	0.16	ug/L			10/07/24 18:36	1
Methylene Chloride	1.0	U	1.0	0.44	ug/L			10/07/24 18:36	1
Styrene	1.0	U	1.0	0.73	ug/L			10/07/24 18:36	1
Tetrachloroethene	1.0	U	1.0	0.36	ug/L			10/07/24 18:36	1
Toluene	1.0	U	1.0	0.51	ug/L			10/07/24 18:36	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.90	ug/L			10/07/24 18:36	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.37	ug/L			10/07/24 18:36	1
Trichloroethene	1.0	U	1.0	0.46	ug/L			10/07/24 18:36	1
Trichlorofluoromethane	1.0	U	1.0	0.88	ug/L			10/07/24 18:36	1
Vinyl chloride	1.0	U	1.0	0.90	ug/L			10/07/24 18:36	1
Xylenes, Total	2.0	U	2.0	0.66	ug/L			10/07/24 18:36	1

Client: EHS Support, LLC
Job ID: 480-224023-1
Project/Site: Ashland Lee Ave. Railroad - Norwich,NY

Client Sample ID: MW-13
Lab Sample ID: 480-224023-16
Date Collected: 10/02/24 10:18
Matrix: Water
Date Received: 10/03/24 12:03

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Tentatively Identified Compound	None		ug/L			N/A		10/07/24 18:36	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	107		80 - 120		10/07/24 18:36	1
1,2-Dichloroethane-d4 (Surr)	106		77 - 120		10/07/24 18:36	1
4-Bromofluorobenzene (Surr)	99		73 - 120		10/07/24 18:36	1
Dibromofluoromethane (Surr)	95		75 - 123		10/07/24 18:36	1

Client: EHS Support, LLC
Project/Site: Ashland Lee Ave. Railroad - Norwich,NY

Job ID: 480-224023-1

Client Sample ID: MW-15
Date Collected: 10/01/24 14:44
Date Received: 10/03/24 12:03

Lab Sample ID: 480-224023-17
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.0	U	1.0	0.82	ug/L			10/07/24 19:00	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.21	ug/L			10/07/24 19:00	1
1,1,2-Trichloroethane	1.0	U	1.0	0.23	ug/L			10/07/24 19:00	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.31	ug/L			10/07/24 19:00	1
1,1-Dichloroethane	1.0	U	1.0	0.38	ug/L			10/07/24 19:00	1
1,1-Dichloroethene	1.0	U	1.0	0.29	ug/L			10/07/24 19:00	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.41	ug/L			10/07/24 19:00	1
1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.39	ug/L			10/07/24 19:00	1
1,2-Dichlorobenzene	1.0	U	1.0	0.79	ug/L			10/07/24 19:00	1
1,2-Dichloroethane	1.0	U	1.0	0.21	ug/L			10/07/24 19:00	1
1,2-Dichloropropane	1.0	U	1.0	0.72	ug/L			10/07/24 19:00	1
1,3-Dichlorobenzene	1.0	U	1.0	0.78	ug/L			10/07/24 19:00	1
1,4-Dichlorobenzene	1.0	U	1.0	0.84	ug/L			10/07/24 19:00	1
2-Butanone (MEK)	10	U	10	1.3	ug/L			10/07/24 19:00	1
2-Hexanone	5.0	U	5.0	1.2	ug/L			10/07/24 19:00	1
4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	2.1	ug/L			10/07/24 19:00	1
Acetone	10	U	10	3.0	ug/L			10/07/24 19:00	1
Benzene	1.0	U	1.0	0.41	ug/L			10/07/24 19:00	1
Bromodichloromethane	1.0	U	1.0	0.39	ug/L			10/07/24 19:00	1
Bromoform	1.0	U	1.0	0.26	ug/L			10/07/24 19:00	1
Bromomethane	1.0	U	1.0	0.69	ug/L			10/07/24 19:00	1
Carbon disulfide	1.0	U	1.0	0.19	ug/L			10/07/24 19:00	1
Carbon tetrachloride	1.0	U	1.0	0.27	ug/L			10/07/24 19:00	1
Chlorobenzene	1.0	U	1.0	0.75	ug/L			10/07/24 19:00	1
Dibromochloromethane	1.0	U	1.0	0.32	ug/L			10/07/24 19:00	1
Chloroethane	1.0	U	1.0	0.32	ug/L			10/07/24 19:00	1
Chloroform	1.0	U	1.0	0.34	ug/L			10/07/24 19:00	1
Chloromethane	1.0	U	1.0	0.35	ug/L			10/07/24 19:00	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.81	ug/L			10/07/24 19:00	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.36	ug/L			10/07/24 19:00	1
Cyclohexane	1.0	U	1.0	0.18	ug/L			10/07/24 19:00	1
Dichlorodifluoromethane	1.0	U	1.0	0.68	ug/L			10/07/24 19:00	1
Ethylbenzene	1.0	U	1.0	0.74	ug/L			10/07/24 19:00	1
1,2-Dibromoethane	1.0	U	1.0	0.73	ug/L			10/07/24 19:00	1
Isopropylbenzene	1.0	U	1.0	0.79	ug/L			10/07/24 19:00	1
Methyl acetate	2.5	U	2.5	1.3	ug/L			10/07/24 19:00	1
Methyl tert-butyl ether	1.0	U	1.0	0.16	ug/L			10/07/24 19:00	1
Methylcyclohexane	1.0	U	1.0	0.16	ug/L			10/07/24 19:00	1
Methylene Chloride	1.0	U	1.0	0.44	ug/L			10/07/24 19:00	1
Styrene	1.0	U	1.0	0.73	ug/L			10/07/24 19:00	1
Tetrachloroethene	1.0	U	1.0	0.36	ug/L			10/07/24 19:00	1
Toluene	1.0	U	1.0	0.51	ug/L			10/07/24 19:00	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.90	ug/L			10/07/24 19:00	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.37	ug/L			10/07/24 19:00	1
Trichloroethene	1.0	U	1.0	0.46	ug/L			10/07/24 19:00	1
Trichlorofluoromethane	1.0	U	1.0	0.88	ug/L			10/07/24 19:00	1
Vinyl chloride	1.0	U	1.0	0.90	ug/L			10/07/24 19:00	1
Xylenes, Total	2.0	U	2.0	0.66	ug/L			10/07/24 19:00	1

Client: EHS Support, LLC
Job ID: 480-224023-1
Project/Site: Ashland Lee Ave. Railroad - Norwich,NY

Client Sample ID: MW-15
Lab Sample ID: 480-224023-17
Date Collected: 10/01/24 14:44
Matrix: Water
Date Received: 10/03/24 12:03

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Tentatively Identified Compound	None		ug/L			N/A		10/07/24 19:00	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	98		80 - 120		10/07/24 19:00	1
1,2-Dichloroethane-d4 (Surr)	101		77 - 120		10/07/24 19:00	1
4-Bromofluorobenzene (Surr)	98		73 - 120		10/07/24 19:00	1
Dibromofluoromethane (Surr)	104		75 - 123		10/07/24 19:00	1

Client: EHS Support, LLC
Project/Site: Ashland Lee Ave. Railroad - Norwich,NY

Job ID: 480-224023-1

Client Sample ID: LAOW-11-9
Date Collected: 10/01/24 14:12
Date Received: 10/03/24 12:03

Lab Sample ID: 480-224023-18
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	**3.3**		1.0	0.82	ug/L			10/07/24 19:24	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.21	ug/L			10/07/24 19:24	1
1,1,2-Trichloroethane	1.0	U	1.0	0.23	ug/L			10/07/24 19:24	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.31	ug/L			10/07/24 19:24	1
1,1-Dichloroethane	1.0	U	1.0	0.38	ug/L			10/07/24 19:24	1
1,1-Dichloroethene	1.0	U	1.0	0.29	ug/L			10/07/24 19:24	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.41	ug/L			10/07/24 19:24	1
1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.39	ug/L			10/07/24 19:24	1
1,2-Dichlorobenzene	1.0	U	1.0	0.79	ug/L			10/07/24 19:24	1
1,2-Dichloroethane	1.0	U	1.0	0.21	ug/L			10/07/24 19:24	1
1,2-Dichloropropane	1.0	U	1.0	0.72	ug/L			10/07/24 19:24	1
1,3-Dichlorobenzene	1.0	U	1.0	0.78	ug/L			10/07/24 19:24	1
1,4-Dichlorobenzene	1.0	U	1.0	0.84	ug/L			10/07/24 19:24	1
2-Butanone (MEK)	10	U	10	1.3	ug/L			10/07/24 19:24	1
2-Hexanone	5.0	U	5.0	1.2	ug/L			10/07/24 19:24	1
4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	2.1	ug/L			10/07/24 19:24	1
Acetone	10	U	10	3.0	ug/L			10/07/24 19:24	1
Benzene	1.0	U	1.0	0.41	ug/L			10/07/24 19:24	1
Bromodichloromethane	1.0	U	1.0	0.39	ug/L			10/07/24 19:24	1
Bromoform	1.0	U	1.0	0.26	ug/L			10/07/24 19:24	1
Bromomethane	1.0	U	1.0	0.69	ug/L			10/07/24 19:24	1
Carbon disulfide	1.0	U	1.0	0.19	ug/L			10/07/24 19:24	1
Carbon tetrachloride	1.0	U	1.0	0.27	ug/L			10/07/24 19:24	1
Chlorobenzene	1.0	U	1.0	0.75	ug/L			10/07/24 19:24	1
Dibromochloromethane	1.0	U	1.0	0.32	ug/L			10/07/24 19:24	1
Chloroethane	1.0	U	1.0	0.32	ug/L			10/07/24 19:24	1
Chloroform	1.0	U	1.0	0.34	ug/L			10/07/24 19:24	1
Chloromethane	1.0	U	1.0	0.35	ug/L			10/07/24 19:24	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.81	ug/L			10/07/24 19:24	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.36	ug/L			10/07/24 19:24	1
Cyclohexane	1.0	U	1.0	0.18	ug/L			10/07/24 19:24	1
Dichlorodifluoromethane	1.0	U	1.0	0.68	ug/L			10/07/24 19:24	1
Ethylbenzene	1.0	U	1.0	0.74	ug/L			10/07/24 19:24	1
1,2-Dibromoethane	1.0	U	1.0	0.73	ug/L			10/07/24 19:24	1
Isopropylbenzene	1.0	U	1.0	0.79	ug/L			10/07/24 19:24	1
Methyl acetate	2.5	U	2.5	1.3	ug/L			10/07/24 19:24	1
Methyl tert-butyl ether	1.0	U	1.0	0.16	ug/L			10/07/24 19:24	1
Methylcyclohexane	1.0	U	1.0	0.16	ug/L			10/07/24 19:24	1
Methylene Chloride	1.0	U	1.0	0.44	ug/L			10/07/24 19:24	1
Styrene	1.0	U	1.0	0.73	ug/L			10/07/24 19:24	1
Tetrachloroethene	1.0	U	1.0	0.36	ug/L			10/07/24 19:24	1
Toluene	1.0	U	1.0	0.51	ug/L			10/07/24 19:24	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.90	ug/L			10/07/24 19:24	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.37	ug/L			10/07/24 19:24	1
Trichloroethene	**1.5**		1.0	0.46	ug/L			10/07/24 19:24	1
Trichlorofluoromethane	1.0	U	1.0	0.88	ug/L			10/07/24 19:24	1
Vinyl chloride	1.0	U	1.0	0.90	ug/L			10/07/24 19:24	1
Xylenes, Total	2.0	U	2.0	0.66	ug/L			10/07/24 19:24	1

Client: EHS Support, LLC
Job ID: 480-224023-1
Project/Site: Ashland Lee Ave. Railroad - Norwich,NY

Client Sample ID: LAOW-11-9
Lab Sample ID: 480-224023-18
Date Collected: 10/01/24 14:12
Matrix: Water
Date Received: 10/03/24 12:03

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Unknown	7.6	J	ug/L		14.25	N/A		10/07/24 19:24	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	104		80 - 120		10/07/24 19:24	1
1,2-Dichloroethane-d4 (Surr)	100		77 - 120		10/07/24 19:24	1
4-Bromofluorobenzene (Surr)	99		73 - 120		10/07/24 19:24	1
Dibromofluoromethane (Surr)	99		75 - 123		10/07/24 19:24	1

Client: EHS Support, LLC
Project/Site: Ashland Lee Ave. Railroad - Norwich,NY

Job ID: 480-224023-1

Client Sample ID: MW-14
Date Collected: 10/01/24 15:16
Date Received: 10/03/24 12:03

Lab Sample ID: 480-224023-19
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.0	U	1.0	0.82	ug/L			10/07/24 19:47	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.21	ug/L			10/07/24 19:47	1
1,1,2-Trichloroethane	1.0	U	1.0	0.23	ug/L			10/07/24 19:47	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.31	ug/L			10/07/24 19:47	1
1,1-Dichloroethane	1.0	U	1.0	0.38	ug/L			10/07/24 19:47	1
1,1-Dichloroethene	1.0	U	1.0	0.29	ug/L			10/07/24 19:47	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.41	ug/L			10/07/24 19:47	1
1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.39	ug/L			10/07/24 19:47	1
1,2-Dichlorobenzene	1.0	U	1.0	0.79	ug/L			10/07/24 19:47	1
1,2-Dichloroethane	1.0	U	1.0	0.21	ug/L			10/07/24 19:47	1
1,2-Dichloropropane	1.0	U	1.0	0.72	ug/L			10/07/24 19:47	1
1,3-Dichlorobenzene	1.0	U	1.0	0.78	ug/L			10/07/24 19:47	1
1,4-Dichlorobenzene	1.0	U	1.0	0.84	ug/L			10/07/24 19:47	1
2-Butanone (MEK)	10	U	10	1.3	ug/L			10/07/24 19:47	1
2-Hexanone	5.0	U	5.0	1.2	ug/L			10/07/24 19:47	1
4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	2.1	ug/L			10/07/24 19:47	1
Acetone	10	U	10	3.0	ug/L			10/07/24 19:47	1
Benzene	1.0	U	1.0	0.41	ug/L			10/07/24 19:47	1
Bromodichloromethane	1.0	U	1.0	0.39	ug/L			10/07/24 19:47	1
Bromoform	1.0	U	1.0	0.26	ug/L			10/07/24 19:47	1
Bromomethane	1.0	U	1.0	0.69	ug/L			10/07/24 19:47	1
Carbon disulfide	1.0	U	1.0	0.19	ug/L			10/07/24 19:47	1
Carbon tetrachloride	1.0	U	1.0	0.27	ug/L			10/07/24 19:47	1
Chlorobenzene	1.0	U	1.0	0.75	ug/L			10/07/24 19:47	1
Dibromochloromethane	1.0	U	1.0	0.32	ug/L			10/07/24 19:47	1
Chloroethane	1.0	U	1.0	0.32	ug/L			10/07/24 19:47	1
Chloroform	1.0	U	1.0	0.34	ug/L			10/07/24 19:47	1
Chloromethane	1.0	U	1.0	0.35	ug/L			10/07/24 19:47	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.81	ug/L			10/07/24 19:47	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.36	ug/L			10/07/24 19:47	1
Cyclohexane	1.0	U	1.0	0.18	ug/L			10/07/24 19:47	1
Dichlorodifluoromethane	1.0	U	1.0	0.68	ug/L			10/07/24 19:47	1
Ethylbenzene	1.0	U	1.0	0.74	ug/L			10/07/24 19:47	1
1,2-Dibromoethane	1.0	U	1.0	0.73	ug/L			10/07/24 19:47	1
Isopropylbenzene	1.0	U	1.0	0.79	ug/L			10/07/24 19:47	1
Methyl acetate	2.5	U	2.5	1.3	ug/L			10/07/24 19:47	1
Methyl tert-butyl ether	1.0	U	1.0	0.16	ug/L			10/07/24 19:47	1
Methylcyclohexane	1.0	U	1.0	0.16	ug/L			10/07/24 19:47	1
Methylene Chloride	1.0	U	1.0	0.44	ug/L			10/07/24 19:47	1
Styrene	1.0	U	1.0	0.73	ug/L			10/07/24 19:47	1
Tetrachloroethene	1.0	U	1.0	0.36	ug/L			10/07/24 19:47	1
Toluene	1.0	U	1.0	0.51	ug/L			10/07/24 19:47	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.90	ug/L			10/07/24 19:47	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.37	ug/L			10/07/24 19:47	1
Trichloroethene	**0.81**	**J**	1.0	0.46	ug/L			10/07/24 19:47	1
Trichlorofluoromethane	1.0	U	1.0	0.88	ug/L			10/07/24 19:47	1
Vinyl chloride	1.0	U	1.0	0.90	ug/L			10/07/24 19:47	1
Xylenes, Total	2.0	U	2.0	0.66	ug/L			10/07/24 19:47	1

Client: EHS Support, LLC
Job ID: 480-224023-1
Project/Site: Ashland Lee Ave. Railroad - Norwich,NY

Client Sample ID: MW-14
Lab Sample ID: 480-224023-19
Date Collected: 10/01/24 15:16
Matrix: Water
Date Received: 10/03/24 12:03

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Tentatively Identified Compound	None		ug/L			N/A		10/07/24 19:47	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	102		80 - 120		10/07/24 19:47	1
1,2-Dichloroethane-d4 (Surr)	101		77 - 120		10/07/24 19:47	1
4-Bromofluorobenzene (Surr)	96		73 - 120		10/07/24 19:47	1
Dibromofluoromethane (Surr)	92		75 - 123		10/07/24 19:47	1

Client: EHS Support, LLC
Project/Site: Ashland Lee Ave. Railroad - Norwich,NY

Job ID: 480-224023-1

Client Sample ID: TRIP BLANK

Date Collected: 10/01/24 00:00
Date Received: 10/03/24 12:03

Lab Sample ID: 480-224023-20

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.0	U	1.0	0.82	ug/L			10/07/24 20:10	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.21	ug/L			10/07/24 20:10	1
1,1,2-Trichloroethane	1.0	U	1.0	0.23	ug/L			10/07/24 20:10	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.31	ug/L			10/07/24 20:10	1
1,1-Dichloroethane	1.0	U	1.0	0.38	ug/L			10/07/24 20:10	1
1,1-Dichloroethene	1.0	U	1.0	0.29	ug/L			10/07/24 20:10	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.41	ug/L			10/07/24 20:10	1
1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.39	ug/L			10/07/24 20:10	1
1,2-Dichlorobenzene	1.0	U	1.0	0.79	ug/L			10/07/24 20:10	1
1,2-Dichloroethane	1.0	U	1.0	0.21	ug/L			10/07/24 20:10	1
1,2-Dichloropropane	1.0	U	1.0	0.72	ug/L			10/07/24 20:10	1
1,3-Dichlorobenzene	1.0	U	1.0	0.78	ug/L			10/07/24 20:10	1
1,4-Dichlorobenzene	1.0	U	1.0	0.84	ug/L			10/07/24 20:10	1
2-Butanone (MEK)	10	U	10	1.3	ug/L			10/07/24 20:10	1
2-Hexanone	5.0	U	5.0	1.2	ug/L			10/07/24 20:10	1
4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	2.1	ug/L			10/07/24 20:10	1
Acetone	10	U	10	3.0	ug/L			10/07/24 20:10	1
Benzene	1.0	U	1.0	0.41	ug/L			10/07/24 20:10	1
Bromodichloromethane	1.0	U	1.0	0.39	ug/L			10/07/24 20:10	1
Bromoform	1.0	U	1.0	0.26	ug/L			10/07/24 20:10	1
Bromomethane	1.0	U	1.0	0.69	ug/L			10/07/24 20:10	1
Carbon disulfide	1.0	U	1.0	0.19	ug/L			10/07/24 20:10	1
Carbon tetrachloride	1.0	U	1.0	0.27	ug/L			10/07/24 20:10	1
Chlorobenzene	1.0	U	1.0	0.75	ug/L			10/07/24 20:10	1
Dibromochloromethane	1.0	U	1.0	0.32	ug/L			10/07/24 20:10	1
Chloroethane	1.0	U	1.0	0.32	ug/L			10/07/24 20:10	1
Chloroform	**0.34**	**J**	1.0	0.34	ug/L			10/07/24 20:10	1
Chloromethane	1.0	U	1.0	0.35	ug/L			10/07/24 20:10	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.81	ug/L			10/07/24 20:10	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.36	ug/L			10/07/24 20:10	1
Cyclohexane	1.0	U	1.0	0.18	ug/L			10/07/24 20:10	1
Dichlorodifluoromethane	1.0	U	1.0	0.68	ug/L			10/07/24 20:10	1
Ethylbenzene	1.0	U	1.0	0.74	ug/L			10/07/24 20:10	1
1,2-Dibromoethane	1.0	U	1.0	0.73	ug/L			10/07/24 20:10	1
Isopropylbenzene	1.0	U	1.0	0.79	ug/L			10/07/24 20:10	1
Methyl acetate	2.5	U	2.5	1.3	ug/L			10/07/24 20:10	1
Methyl tert-butyl ether	1.0	U	1.0	0.16	ug/L			10/07/24 20:10	1
Methylcyclohexane	1.0	U	1.0	0.16	ug/L			10/07/24 20:10	1
Methylene Chloride	1.0	U	1.0	0.44	ug/L			10/07/24 20:10	1
Styrene	1.0	U	1.0	0.73	ug/L			10/07/24 20:10	1
Tetrachloroethene	1.0	U	1.0	0.36	ug/L			10/07/24 20:10	1
Toluene	1.0	U	1.0	0.51	ug/L			10/07/24 20:10	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.90	ug/L			10/07/24 20:10	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.37	ug/L			10/07/24 20:10	1
Trichloroethene	1.0	U	1.0	0.46	ug/L			10/07/24 20:10	1
Trichlorofluoromethane	1.0	U	1.0	0.88	ug/L			10/07/24 20:10	1
Vinyl chloride	1.0	U	1.0	0.90	ug/L			10/07/24 20:10	1
Xylenes, Total	2.0	U	2.0	0.66	ug/L			10/07/24 20:10	1

Client: EHS Support, LLC
Job ID: 480-224023-1
Project/Site: Ashland Lee Ave. Railroad - Norwich,NY

Client Sample ID: TRIP BLANK
Lab Sample ID: 480-224023-20
Date Collected: 10/01/24 00:00
Matrix: Water
Date Received: 10/03/24 12:03

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Tentatively Identified Compound	None		ug/L			N/A		10/07/24 20:10	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	100		80 - 120		10/07/24 20:10	1
1,2-Dichloroethane-d4 (Surr)	108		77 - 120		10/07/24 20:10	1
4-Bromofluorobenzene (Surr)	102		73 - 120		10/07/24 20:10	1
Dibromofluoromethane (Surr)	114		75 - 123		10/07/24 20:10	1

Client: EHS Support, LLC
Project/Site: Ashland Lee Ave. Railroad - Norwich,NY

Job ID: 480-224023-1

Client Sample ID: EB1
Date Collected: 10/01/24 16:00
Date Received: 10/03/24 12:03

Lab Sample ID: 480-224023-21
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.0	U	1.0	0.82	ug/L			10/07/24 20:34	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.21	ug/L			10/07/24 20:34	1
1,1,2-Trichloroethane	1.0	U	1.0	0.23	ug/L			10/07/24 20:34	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.31	ug/L			10/07/24 20:34	1
1,1-Dichloroethane	1.0	U	1.0	0.38	ug/L			10/07/24 20:34	1
1,1-Dichloroethene	1.0	U	1.0	0.29	ug/L			10/07/24 20:34	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.41	ug/L			10/07/24 20:34	1
1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.39	ug/L			10/07/24 20:34	1
1,2-Dichlorobenzene	1.0	U	1.0	0.79	ug/L			10/07/24 20:34	1
1,2-Dichloroethane	1.0	U	1.0	0.21	ug/L			10/07/24 20:34	1
1,2-Dichloropropane	1.0	U	1.0	0.72	ug/L			10/07/24 20:34	1
1,3-Dichlorobenzene	1.0	U	1.0	0.78	ug/L			10/07/24 20:34	1
1,4-Dichlorobenzene	1.0	U	1.0	0.84	ug/L			10/07/24 20:34	1
2-Butanone (MEK)	10	U	10	1.3	ug/L			10/07/24 20:34	1
2-Hexanone	5.0	U	5.0	1.2	ug/L			10/07/24 20:34	1
4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	2.1	ug/L			10/07/24 20:34	1
Acetone	10	U	10	3.0	ug/L			10/07/24 20:34	1
Benzene	1.0	U	1.0	0.41	ug/L			10/07/24 20:34	1
Bromodichloromethane	1.0	U	1.0	0.39	ug/L			10/07/24 20:34	1
Bromoform	1.0	U	1.0	0.26	ug/L			10/07/24 20:34	1
Bromomethane	1.0	U	1.0	0.69	ug/L			10/07/24 20:34	1
Carbon disulfide	1.0	U	1.0	0.19	ug/L			10/07/24 20:34	1
Carbon tetrachloride	1.0	U	1.0	0.27	ug/L			10/07/24 20:34	1
Chlorobenzene	1.0	U	1.0	0.75	ug/L			10/07/24 20:34	1
Dibromochloromethane	1.0	U	1.0	0.32	ug/L			10/07/24 20:34	1
Chloroethane	1.0	U	1.0	0.32	ug/L			10/07/24 20:34	1
Chloroform	1.0	U	1.0	0.34	ug/L			10/07/24 20:34	1
Chloromethane	1.0	U	1.0	0.35	ug/L			10/07/24 20:34	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.81	ug/L			10/07/24 20:34	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.36	ug/L			10/07/24 20:34	1
Cyclohexane	1.0	U	1.0	0.18	ug/L			10/07/24 20:34	1
Dichlorodifluoromethane	1.0	U	1.0	0.68	ug/L			10/07/24 20:34	1
Ethylbenzene	1.0	U	1.0	0.74	ug/L			10/07/24 20:34	1
1,2-Dibromoethane	1.0	U	1.0	0.73	ug/L			10/07/24 20:34	1
Isopropylbenzene	1.0	U	1.0	0.79	ug/L			10/07/24 20:34	1
Methyl acetate	2.5	U	2.5	1.3	ug/L			10/07/24 20:34	1
Methyl tert-butyl ether	1.0	U	1.0	0.16	ug/L			10/07/24 20:34	1
Methylcyclohexane	1.0	U	1.0	0.16	ug/L			10/07/24 20:34	1
Methylene Chloride	1.0	U	1.0	0.44	ug/L			10/07/24 20:34	1
Styrene	1.0	U	1.0	0.73	ug/L			10/07/24 20:34	1
Tetrachloroethene	1.0	U	1.0	0.36	ug/L			10/07/24 20:34	1
Toluene	1.0	U	1.0	0.51	ug/L			10/07/24 20:34	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.90	ug/L			10/07/24 20:34	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.37	ug/L			10/07/24 20:34	1
Trichloroethene	1.0	U	1.0	0.46	ug/L			10/07/24 20:34	1
Trichlorofluoromethane	1.0	U	1.0	0.88	ug/L			10/07/24 20:34	1
Vinyl chloride	1.0	U	1.0	0.90	ug/L			10/07/24 20:34	1
Xylenes, Total	2.0	U	2.0	0.66	ug/L			10/07/24 20:34	1

Client: EHS Support, LLC
Job ID: 480-224023-1
Project/Site: Ashland Lee Ave. Railroad - Norwich,NY

Client Sample ID: EB1
Lab Sample ID: 480-224023-21
Date Collected: 10/01/24 16:00
Matrix: Water
Date Received: 10/03/24 12:03

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Tentatively Identified Compound	None		ug/L			N/A		10/07/24 20:34	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	104		80 - 120		10/07/24 20:34	1
1,2-Dichloroethane-d4 (Surr)	107		77 - 120		10/07/24 20:34	1
4-Bromofluorobenzene (Surr)	107		73 - 120		10/07/24 20:34	1
Dibromofluoromethane (Surr)	120		75 - 123		10/07/24 20:34	1

Client: EHS Support, LLC
Project/Site: Ashland Lee Ave. Railroad - Norwich,NY

Job ID: 480-224023-1

Client Sample ID: EB2
Date Collected: 10/02/24 15:45
Date Received: 10/03/24 12:03

Lab Sample ID: 480-224023-22
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.0	U	1.0	0.82	ug/L			10/07/24 20:58	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.21	ug/L			10/07/24 20:58	1
1,1,2-Trichloroethane	1.0	U	1.0	0.23	ug/L			10/07/24 20:58	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.31	ug/L			10/07/24 20:58	1
1,1-Dichloroethane	1.0	U	1.0	0.38	ug/L			10/07/24 20:58	1
1,1-Dichloroethene	1.0	U	1.0	0.29	ug/L			10/07/24 20:58	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.41	ug/L			10/07/24 20:58	1
1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.39	ug/L			10/07/24 20:58	1
1,2-Dichlorobenzene	1.0	U	1.0	0.79	ug/L			10/07/24 20:58	1
1,2-Dichloroethane	1.0	U	1.0	0.21	ug/L			10/07/24 20:58	1
1,2-Dichloropropane	1.0	U	1.0	0.72	ug/L			10/07/24 20:58	1
1,3-Dichlorobenzene	1.0	U	1.0	0.78	ug/L			10/07/24 20:58	1
1,4-Dichlorobenzene	1.0	U	1.0	0.84	ug/L			10/07/24 20:58	1
2-Butanone (MEK)	10	U	10	1.3	ug/L			10/07/24 20:58	1
2-Hexanone	5.0	U	5.0	1.2	ug/L			10/07/24 20:58	1
4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	2.1	ug/L			10/07/24 20:58	1
Acetone	10	U	10	3.0	ug/L			10/07/24 20:58	1
Benzene	1.0	U	1.0	0.41	ug/L			10/07/24 20:58	1
Bromodichloromethane	1.0	U	1.0	0.39	ug/L			10/07/24 20:58	1
Bromoform	1.0	U	1.0	0.26	ug/L			10/07/24 20:58	1
Bromomethane	1.0	U	1.0	0.69	ug/L			10/07/24 20:58	1
Carbon disulfide	1.0	U	1.0	0.19	ug/L			10/07/24 20:58	1
Carbon tetrachloride	1.0	U	1.0	0.27	ug/L			10/07/24 20:58	1
Chlorobenzene	1.0	U	1.0	0.75	ug/L			10/07/24 20:58	1
Dibromochloromethane	1.0	U	1.0	0.32	ug/L			10/07/24 20:58	1
Chloroethane	1.0	U	1.0	0.32	ug/L			10/07/24 20:58	1
Chloroform	1.0	U	1.0	0.34	ug/L			10/07/24 20:58	1
Chloromethane	1.0	U	1.0	0.35	ug/L			10/07/24 20:58	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.81	ug/L			10/07/24 20:58	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.36	ug/L			10/07/24 20:58	1
Cyclohexane	1.0	U	1.0	0.18	ug/L			10/07/24 20:58	1
Dichlorodifluoromethane	1.0	U	1.0	0.68	ug/L			10/07/24 20:58	1
Ethylbenzene	1.0	U	1.0	0.74	ug/L			10/07/24 20:58	1
1,2-Dibromoethane	1.0	U	1.0	0.73	ug/L			10/07/24 20:58	1
Isopropylbenzene	1.0	U	1.0	0.79	ug/L			10/07/24 20:58	1
Methyl acetate	2.5	U	2.5	1.3	ug/L			10/07/24 20:58	1
Methyl tert-butyl ether	1.0	U	1.0	0.16	ug/L			10/07/24 20:58	1
Methylcyclohexane	1.0	U	1.0	0.16	ug/L			10/07/24 20:58	1
Methylene Chloride	1.0	U	1.0	0.44	ug/L			10/07/24 20:58	1
Styrene	1.0	U	1.0	0.73	ug/L			10/07/24 20:58	1
Tetrachloroethene	1.0	U	1.0	0.36	ug/L			10/07/24 20:58	1
Toluene	1.0	U	1.0	0.51	ug/L			10/07/24 20:58	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.90	ug/L			10/07/24 20:58	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.37	ug/L			10/07/24 20:58	1
Trichloroethene	1.0	U	1.0	0.46	ug/L			10/07/24 20:58	1
Trichlorofluoromethane	1.0	U	1.0	0.88	ug/L			10/07/24 20:58	1
Vinyl chloride	1.0	U	1.0	0.90	ug/L			10/07/24 20:58	1
Xylenes, Total	2.0	U	2.0	0.66	ug/L			10/07/24 20:58	1

Client: EHS Support, LLC
Job ID: 480-224023-1
Project/Site: Ashland Lee Ave. Railroad - Norwich,NY

Client Sample ID: EB2
Lab Sample ID: 480-224023-22
Date Collected: 10/02/24 15:45
Matrix: Water
Date Received: 10/03/24 12:03

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Tentatively Identified Compound	None		ug/L			N/A		10/07/24 20:58	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	98		80 - 120		10/07/24 20:58	1
1,2-Dichloroethane-d4 (Surr)	105		77 - 120		10/07/24 20:58	1
4-Bromofluorobenzene (Surr)	94		73 - 120		10/07/24 20:58	1
Dibromofluoromethane (Surr)	101		75 - 123		10/07/24 20:58	1

Surrogate Summary

Client: EHS Support, LLC
Job ID: 480-224023-1
Project/Site: Ashland Lee Ave. Railroad - Norwich,NY

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

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

		Percent Surrogate Recovery (Acceptance Limits)			
		TOL	DCA	BFB	DBFM
Lab Sample ID	Client Sample ID	(80-120)	(77-120)	(73-120)	(75-123)
480-224023-1	URS-1R	99	107	97	117
480-224023-2	URS-4S	100	103	106	106
480-224023-3	MW-18	102	104	101	107
480-224023-4	LAOW-11-1	90	92	102	95
480-224023-5	URS-12	99	105	99	117
480-224023-6	URS-13	98	105	97	115
480-224023-7	MW-20	100	107	99	115
480-224023-8	URS-14	100	102	96	112
480-224023-9	URS-2S	99	108	98	114
480-224023-10	URS-10S	91	92	96	94
480-224023-11	DUP2	103	102	107	108
480-224023-12	LAOW-11-4	92	92	99	90
480-224023-13	MW-12	114	113	109	114
480-224023-14	LAOW-11-5	104	112	102	113
480-224023-15	LAOW-11-6	102	106	98	107
480-224023-16	MW-13	107	106	99	95
480-224023-17	MW-15	98	101	98	104
480-224023-18	LAOW-11-9	104	100	99	99
480-224023-19	MW-14	102	101	96	92
480-224023-20	TRIP BLANK	100	108	102	114
480-224023-21	EB1	104	107	107	120
480-224023-22	EB2	98	105	94	101
LCS 480-727295/8	Lab Control Sample	103	93	99	102
LCS 480-727303/6	Lab Control Sample	100	102	100	97
LCS 480-727413/6	Lab Control Sample	101	110	106	107
LCS 480-727426/6	Lab Control Sample	92	84	99	84
LCSD 480-727295/33	Lab Control Sample Dup	100	98	101	103
MB 480-727295/10	Method Blank	100	102	98	110
MB 480-727303/30	Method Blank	97	99	98	104
MB 480-727413/9	Method Blank	104	101	111	105
MB 480-727426/8	Method Blank	93	90	103	94

Surrogate Legend

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

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

Lab Sample ID: MB 480-727295/10
Matrix: Water
Analysis Batch: 727295

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.0	U	1.0	0.82	ug/L			10/07/24 15:01	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.21	ug/L			10/07/24 15:01	1
1,1,2-Trichloroethane	1.0	U	1.0	0.23	ug/L			10/07/24 15:01	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.31	ug/L			10/07/24 15:01	1
1,1-Dichloroethane	1.0	U	1.0	0.38	ug/L			10/07/24 15:01	1
1,1-Dichloroethene	1.0	U	1.0	0.29	ug/L			10/07/24 15:01	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.41	ug/L			10/07/24 15:01	1
1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.39	ug/L			10/07/24 15:01	1
1,2-Dichlorobenzene	1.0	U	1.0	0.79	ug/L			10/07/24 15:01	1
1,2-Dichloroethane	1.0	U	1.0	0.21	ug/L			10/07/24 15:01	1
1,2-Dichloropropane	1.0	U	1.0	0.72	ug/L			10/07/24 15:01	1
1,3-Dichlorobenzene	1.0	U	1.0	0.78	ug/L			10/07/24 15:01	1
1,4-Dichlorobenzene	1.0	U	1.0	0.84	ug/L			10/07/24 15:01	1
2-Butanone (MEK)	10	U	10	1.3	ug/L			10/07/24 15:01	1
2-Hexanone	5.0	U	5.0	1.2	ug/L			10/07/24 15:01	1
4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	2.1	ug/L			10/07/24 15:01	1
Acetone	10	U	10	3.0	ug/L			10/07/24 15:01	1
Benzene	1.0	U	1.0	0.41	ug/L			10/07/24 15:01	1
Bromodichloromethane	1.0	U	1.0	0.39	ug/L			10/07/24 15:01	1
Bromoform	1.0	U	1.0	0.26	ug/L			10/07/24 15:01	1
Bromomethane	1.0	U	1.0	0.69	ug/L			10/07/24 15:01	1
Carbon disulfide	1.0	U	1.0	0.19	ug/L			10/07/24 15:01	1
Carbon tetrachloride	1.0	U	1.0	0.27	ug/L			10/07/24 15:01	1
Chlorobenzene	1.0	U	1.0	0.75	ug/L			10/07/24 15:01	1
Dibromochloromethane	1.0	U	1.0	0.32	ug/L			10/07/24 15:01	1
Chloroethane	1.0	U	1.0	0.32	ug/L			10/07/24 15:01	1
Chloroform	1.0	U	1.0	0.34	ug/L			10/07/24 15:01	1
Chloromethane	1.0	U	1.0	0.35	ug/L			10/07/24 15:01	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.81	ug/L			10/07/24 15:01	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.36	ug/L			10/07/24 15:01	1
Cyclohexane	1.0	U	1.0	0.18	ug/L			10/07/24 15:01	1
Dichlorodifluoromethane	1.0	U	1.0	0.68	ug/L			10/07/24 15:01	1
Ethylbenzene	1.0	U	1.0	0.74	ug/L			10/07/24 15:01	1
1,2-Dibromoethane	1.0	U	1.0	0.73	ug/L			10/07/24 15:01	1
Isopropylbenzene	1.0	U	1.0	0.79	ug/L			10/07/24 15:01	1
Methyl acetate	2.5	U	2.5	1.3	ug/L			10/07/24 15:01	1
Methyl tert-butyl ether	1.0	U	1.0	0.16	ug/L			10/07/24 15:01	1
Methylcyclohexane	1.0	U	1.0	0.16	ug/L			10/07/24 15:01	1
Methylene Chloride	1.0	U	1.0	0.44	ug/L			10/07/24 15:01	1
Styrene	1.0	U	1.0	0.73	ug/L			10/07/24 15:01	1
Tetrachloroethene	1.0	U	1.0	0.36	ug/L			10/07/24 15:01	1
Toluene	1.0	U	1.0	0.51	ug/L			10/07/24 15:01	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.90	ug/L			10/07/24 15:01	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.37	ug/L			10/07/24 15:01	1
Trichloroethene	1.0	U	1.0	0.46	ug/L			10/07/24 15:01	1
Trichlorofluoromethane	1.0	U	1.0	0.88	ug/L			10/07/24 15:01	1
Vinyl chloride	1.0	U	1.0	0.90	ug/L			10/07/24 15:01	1
Xylenes, Total	2.0	U	2.0	0.66	ug/L			10/07/24 15:01	1

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

Lab Sample ID: MB 480-727295/10
Matrix: Water
Analysis Batch: 727295

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

Tentatively Identified Compound	MB Est. Result	MB Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Tentatively Identified Compound	None		ug/L			N/A		10/07/24 15:01	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	100		80 - 120		10/07/24 15:01	1
1,2-Dichloroethane-d4 (Surr)	102		77 - 120		10/07/24 15:01	1
4-Bromofluorobenzene (Surr)	98		73 - 120		10/07/24 15:01	1
Dibromofluoromethane (Surr)	110		75 - 123		10/07/24 15:01	1

Lab Sample ID: LCS 480-727295/8
Matrix: Water
Analysis Batch: 727295

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1-Trichloroethane	25.0	25.6		ug/L		102	73 - 126
1,1,2,2-Tetrachloroethane	25.0	25.2		ug/L		101	76 - 120
1,1,2-Trichloroethane	25.0	26.1		ug/L		104	76 - 122
1,1,2-Trichloro-1,2,2-trifluoroethane	25.0	30.8		ug/L		123	61 - 148
1,1-Dichloroethane	25.0	29.1		ug/L		117	77 - 120
1,1-Dichloroethene	25.0	27.2		ug/L		109	66 - 127
1,2,4-Trichlorobenzene	25.0	25.7		ug/L		103	79 - 122
1,2-Dibromo-3-Chloropropane	25.0	27.2		ug/L		109	56 - 134
1,2-Dichlorobenzene	25.0	26.1		ug/L		104	80 - 124
1,2-Dichloroethane	25.0	25.6		ug/L		103	75 - 120
1,2-Dichloropropane	25.0	26.3		ug/L		105	76 - 120
1,3-Dichlorobenzene	25.0	26.6		ug/L		106	77 - 120
1,4-Dichlorobenzene	25.0	25.8		ug/L		103	80 - 120
2-Butanone (MEK)	125	112		ug/L		89	57 - 140
2-Hexanone	125	126		ug/L		101	65 - 127
4-Methyl-2-pentanone (MIBK)	125	133		ug/L		107	71 - 125
Acetone	125	124		ug/L		99	56 - 142
Benzene	25.0	27.7		ug/L		111	71 - 124
Bromodichloromethane	25.0	27.3		ug/L		109	80 - 122
Bromoform	25.0	31.2		ug/L		125	61 - 132
Bromomethane	25.0	30.4		ug/L		122	55 - 144
Carbon disulfide	25.0	32.5		ug/L		130	59 - 134
Carbon tetrachloride	25.0	28.3		ug/L		113	72 - 134
Chlorobenzene	25.0	27.3		ug/L		109	80 - 120
Dibromochloromethane	25.0	30.0		ug/L		120	75 - 125
Chloroethane	25.0	31.9		ug/L		128	69 - 136
Chloroform	25.0	26.1		ug/L		104	73 - 127
Chloromethane	25.0	29.8		ug/L		119	68 - 124
cis-1,2-Dichloroethene	25.0	27.8		ug/L		111	74 - 124
cis-1,3-Dichloropropene	25.0	23.8		ug/L		95	74 - 124
Cyclohexane	25.0	28.7		ug/L		115	59 - 135
Dichlorodifluoromethane	25.0	28.8		ug/L		115	59 - 135
Ethylbenzene	25.0	28.4		ug/L		114	77 - 123
1,2-Dibromoethane	25.0	24.5		ug/L		98	77 - 120

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

Lab Sample ID: LCS 480-727295/8
Matrix: Water
Analysis Batch: 727295

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

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Isopropylbenzene			25.0	28.2		ug/L		113	77 - 122		
Methyl acetate			50.0	55.9		ug/L		112	74 - 133		
Methyl tert-butyl ether			25.0	24.9		ug/L		100	77 - 120		
Methylcyclohexane			25.0	25.9		ug/L		103	68 - 134		
Methylene Chloride			25.0	26.7		ug/L		107	75 - 124		
Styrene			25.0	26.8		ug/L		107	80 - 120		
Tetrachloroethene			25.0	29.2		ug/L		117	74 - 122		
Toluene			25.0	28.6		ug/L		114	80 - 122		
trans-1,2-Dichloroethene			25.0	31.2		ug/L		125	73 - 127		
trans-1,3-Dichloropropene			25.0	24.2		ug/L		97	80 - 120		
Trichloroethene			25.0	27.3		ug/L		109	74 - 123		
Trichlorofluoromethane			25.0	30.0		ug/L		120	62 - 150		
Vinyl chloride			25.0	31.4		ug/L		126	65 - 133		
Xylenes, Total			50.0	56.2		ug/L		112	76 - 122		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Toluene-d8 (Surr)	*103*		*80 - 120*
1,2-Dichloroethane-d4 (Surr)	*93*		*77 - 120*
4-Bromofluorobenzene (Surr)	*99*		*73 - 120*
Dibromofluoromethane (Surr)	*102*		*75 - 123*

Lab Sample ID: LCSD 480-727295/33
Matrix: Water
Analysis Batch: 727295

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

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1,1-Trichloroethane			25.0	24.7		ug/L		99	73 - 126	4	15
1,1,2,2-Tetrachloroethane			25.0	22.7		ug/L		91	76 - 120	10	15
1,1,2-Trichloroethane			25.0	24.7		ug/L		99	76 - 122	6	15
1,1,2-Trichloro-1,2,2-trifluoroethane			25.0	30.2		ug/L		121	61 - 148	2	20
1,1-Dichloroethane			25.0	28.1		ug/L		113	77 - 120	3	20
1,1-Dichloroethene			25.0	26.0		ug/L		104	66 - 127	4	16
1,2,4-Trichlorobenzene			25.0	23.1		ug/L		92	79 - 122	11	20
1,2-Dibromo-3-Chloropropane			25.0	24.6		ug/L		98	56 - 134	10	15
1,2-Dichlorobenzene			25.0	23.8		ug/L		95	80 - 124	9	20
1,2-Dichloroethane			25.0	24.9		ug/L		100	75 - 120	3	20
1,2-Dichloropropane			25.0	26.8		ug/L		107	76 - 120	2	20
1,3-Dichlorobenzene			25.0	24.3		ug/L		97	77 - 120	9	20
1,4-Dichlorobenzene			25.0	23.9		ug/L		96	80 - 120	8	20
2-Butanone (MEK)			125	125		ug/L		100	57 - 140	11	20
2-Hexanone			125	127		ug/L		102	65 - 127	1	15
4-Methyl-2-pentanone (MIBK)			125	129		ug/L		103	71 - 125	4	35
Acetone			125	132		ug/L		105	56 - 142	6	15
Benzene			25.0	27.1		ug/L		108	71 - 124	2	13
Bromodichloromethane			25.0	27.2		ug/L		109	80 - 122	0	15
Bromoform			25.0	27.4		ug/L		110	61 - 132	13	15
Bromomethane			25.0	28.5		ug/L		114	55 - 144	6	15
Carbon disulfide			25.0	30.6		ug/L		122	59 - 134	6	15

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

Lab Sample ID: LCSD 480-727295/33
Matrix: Water
Analysis Batch: 727295

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

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Carbon tetrachloride			25.0	27.3		ug/L		109	72 - 134	3	15
Chlorobenzene			25.0	25.6		ug/L		102	80 - 120	6	25
Dibromochloromethane			25.0	27.2		ug/L		109	75 - 125	10	15
Chloroethane			25.0	31.4		ug/L		126	69 - 136	2	15
Chloroform			25.0	25.7		ug/L		103	73 - 127	2	20
Chloromethane			25.0	29.9		ug/L		119	68 - 124	0	15
cis-1,2-Dichloroethene			25.0	26.8		ug/L		107	74 - 124	4	15
cis-1,3-Dichloropropene			25.0	23.8		ug/L		95	74 - 124	0	15
Cyclohexane			25.0	28.0		ug/L		112	59 - 135	2	20
Dichlorodifluoromethane			25.0	29.6		ug/L		119	59 - 135	3	20
Ethylbenzene			25.0	26.9		ug/L		108	77 - 123	5	15
1,2-Dibromoethane			25.0	23.8		ug/L		95	77 - 120	3	15
Isopropylbenzene			25.0	25.1		ug/L		100	77 - 122	12	20
Methyl acetate			50.0	47.1		ug/L		94	74 - 133	17	20
Methyl tert-butyl ether			25.0	23.1		ug/L		93	77 - 120	7	37
Methylcyclohexane			25.0	25.0		ug/L		100	68 - 134	3	20
Methylene Chloride			25.0	26.2		ug/L		105	75 - 124	2	15
Styrene			25.0	25.9		ug/L		104	80 - 120	3	20
Tetrachloroethene			25.0	27.0		ug/L		108	74 - 122	8	20
Toluene			25.0	26.9		ug/L		108	80 - 122	6	15
trans-1,2-Dichloroethene			25.0	29.6		ug/L		118	73 - 127	5	20
trans-1,3-Dichloropropene			25.0	22.0		ug/L		88	80 - 120	10	15
Trichloroethene			25.0	26.6		ug/L		106	74 - 123	2	16
Trichlorofluoromethane			25.0	31.3		ug/L		125	62 - 150	4	20
Vinyl chloride			25.0	31.3		ug/L		125	65 - 133	0	15
Xylenes, Total			50.0	52.4		ug/L		105	76 - 122	7	16

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
Toluene-d8 (Surr)	*100*		*80 - 120*
1,2-Dichloroethane-d4 (Surr)	*98*		*77 - 120*
4-Bromofluorobenzene (Surr)	*101*		*73 - 120*
Dibromofluoromethane (Surr)	*103*		*75 - 123*

Lab Sample ID: MB 480-727303/30
Matrix: Water
Analysis Batch: 727303

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.0	U	1.0	0.82	ug/L			10/07/24 17:03	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.21	ug/L			10/07/24 17:03	1
1,1,2-Trichloroethane	1.0	U	1.0	0.23	ug/L			10/07/24 17:03	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.31	ug/L			10/07/24 17:03	1
1,1-Dichloroethane	1.0	U	1.0	0.38	ug/L			10/07/24 17:03	1
1,1-Dichloroethene	1.0	U	1.0	0.29	ug/L			10/07/24 17:03	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.41	ug/L			10/07/24 17:03	1
1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.39	ug/L			10/07/24 17:03	1
1,2-Dichlorobenzene	1.0	U	1.0	0.79	ug/L			10/07/24 17:03	1
1,2-Dichloroethane	1.0	U	1.0	0.21	ug/L			10/07/24 17:03	1

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

Lab Sample ID: MB 480-727303/30
Matrix: Water
Analysis Batch: 727303

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichloropropane	1.0	U	1.0	0.72	ug/L			10/07/24 17:03	1
1,3-Dichlorobenzene	1.0	U	1.0	0.78	ug/L			10/07/24 17:03	1
1,4-Dichlorobenzene	1.0	U	1.0	0.84	ug/L			10/07/24 17:03	1
2-Butanone (MEK)	10	U	10	1.3	ug/L			10/07/24 17:03	1
2-Hexanone	5.0	U	5.0	1.2	ug/L			10/07/24 17:03	1
4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	2.1	ug/L			10/07/24 17:03	1
Acetone	10	U	10	3.0	ug/L			10/07/24 17:03	1
Benzene	1.0	U	1.0	0.41	ug/L			10/07/24 17:03	1
Bromodichloromethane	1.0	U	1.0	0.39	ug/L			10/07/24 17:03	1
Bromoform	1.0	U	1.0	0.26	ug/L			10/07/24 17:03	1
Bromomethane	1.0	U	1.0	0.69	ug/L			10/07/24 17:03	1
Carbon disulfide	1.0	U	1.0	0.19	ug/L			10/07/24 17:03	1
Carbon tetrachloride	1.0	U	1.0	0.27	ug/L			10/07/24 17:03	1
Chlorobenzene	1.0	U	1.0	0.75	ug/L			10/07/24 17:03	1
Dibromochloromethane	1.0	U	1.0	0.32	ug/L			10/07/24 17:03	1
Chloroethane	1.0	U	1.0	0.32	ug/L			10/07/24 17:03	1
Chloroform	1.0	U	1.0	0.34	ug/L			10/07/24 17:03	1
Chloromethane	1.0	U	1.0	0.35	ug/L			10/07/24 17:03	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.81	ug/L			10/07/24 17:03	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.36	ug/L			10/07/24 17:03	1
Cyclohexane	1.0	U	1.0	0.18	ug/L			10/07/24 17:03	1
Dichlorodifluoromethane	1.0	U	1.0	0.68	ug/L			10/07/24 17:03	1
Ethylbenzene	1.0	U	1.0	0.74	ug/L			10/07/24 17:03	1
1,2-Dibromoethane	1.0	U	1.0	0.73	ug/L			10/07/24 17:03	1
Isopropylbenzene	1.0	U	1.0	0.79	ug/L			10/07/24 17:03	1
Methyl acetate	2.5	U	2.5	1.3	ug/L			10/07/24 17:03	1
Methyl tert-butyl ether	1.0	U	1.0	0.16	ug/L			10/07/24 17:03	1
Methylcyclohexane	1.0	U	1.0	0.16	ug/L			10/07/24 17:03	1
Methylene Chloride	1.0	U	1.0	0.44	ug/L			10/07/24 17:03	1
Styrene	1.0	U	1.0	0.73	ug/L			10/07/24 17:03	1
Tetrachloroethene	1.0	U	1.0	0.36	ug/L			10/07/24 17:03	1
Toluene	1.0	U	1.0	0.51	ug/L			10/07/24 17:03	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.90	ug/L			10/07/24 17:03	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.37	ug/L			10/07/24 17:03	1
Trichloroethene	1.0	U	1.0	0.46	ug/L			10/07/24 17:03	1
Trichlorofluoromethane	1.0	U	1.0	0.88	ug/L			10/07/24 17:03	1
Vinyl chloride	1.0	U	1.0	0.90	ug/L			10/07/24 17:03	1
Xylenes, Total	2.0	U	2.0	0.66	ug/L			10/07/24 17:03	1

Tentatively Identified Compound	*MB Est. Result*	*MB Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*ug/L*			*N/A*		*10/07/24 17:03*	*1*

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*97*		*80 - 120*		*10/07/24 17:03*	*1*
1,2-Dichloroethane-d4 (Surr)	*99*		*77 - 120*		*10/07/24 17:03*	*1*
4-Bromofluorobenzene (Surr)	*98*		*73 - 120*		*10/07/24 17:03*	*1*
Dibromofluoromethane (Surr)	*104*		*75 - 123*		*10/07/24 17:03*	*1*

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

Lab Sample ID: LCS 480-727303/6
Matrix: Water
Analysis Batch: 727303

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1-Trichloroethane	25.0	28.4		ug/L		113	73 - 126
1,1,2,2-Tetrachloroethane	25.0	25.8		ug/L		103	76 - 120
1,1,2-Trichloroethane	25.0	27.1		ug/L		108	76 - 122
1,1,2-Trichloro-1,2,2-trifluoroethane	25.0	28.3		ug/L		113	61 - 148
1,1-Dichloroethane	25.0	26.6		ug/L		106	77 - 120
1,1-Dichloroethene	25.0	26.9		ug/L		107	66 - 127
1,2,4-Trichlorobenzene	25.0	26.6		ug/L		106	79 - 122
1,2-Dibromo-3-Chloropropane	25.0	27.1		ug/L		108	56 - 134
1,2-Dichlorobenzene	25.0	26.1		ug/L		104	80 - 124
1,2-Dichloroethane	25.0	25.4		ug/L		102	75 - 120
1,2-Dichloropropane	25.0	26.5		ug/L		106	76 - 120
1,3-Dichlorobenzene	25.0	27.3		ug/L		109	77 - 120
1,4-Dichlorobenzene	25.0	25.8		ug/L		103	80 - 120
2-Butanone (MEK)	125	139		ug/L		111	57 - 140
2-Hexanone	125	137		ug/L		109	65 - 127
4-Methyl-2-pentanone (MIBK)	125	135		ug/L		108	71 - 125
Acetone	125	130		ug/L		104	56 - 142
Benzene	25.0	27.2		ug/L		109	71 - 124
Bromodichloromethane	25.0	28.7		ug/L		115	80 - 122
Bromoform	25.0	30.2		ug/L		121	61 - 132
Bromomethane	25.0	23.4		ug/L		94	55 - 144
Carbon disulfide	25.0	26.5		ug/L		106	59 - 134
Carbon tetrachloride	25.0	29.6		ug/L		118	72 - 134
Chlorobenzene	25.0	26.8		ug/L		107	80 - 120
Dibromochloromethane	25.0	28.7		ug/L		115	75 - 125
Chloroethane	25.0	24.1		ug/L		96	69 - 136
Chloroform	25.0	23.5		ug/L		94	73 - 127
Chloromethane	25.0	24.3		ug/L		97	68 - 124
cis-1,2-Dichloroethene	25.0	25.9		ug/L		104	74 - 124
cis-1,3-Dichloropropene	25.0	29.3		ug/L		117	74 - 124
Cyclohexane	25.0	27.8		ug/L		111	59 - 135
Dichlorodifluoromethane	25.0	26.2		ug/L		105	59 - 135
Ethylbenzene	25.0	27.4		ug/L		110	77 - 123
1,2-Dibromoethane	25.0	26.9		ug/L		108	77 - 120
Isopropylbenzene	25.0	29.0		ug/L		116	77 - 122
Methyl acetate	50.0	50.1		ug/L		100	74 - 133
Methyl tert-butyl ether	25.0	24.6		ug/L		99	77 - 120
Methylcyclohexane	25.0	28.5		ug/L		114	68 - 134
Methylene Chloride	25.0	25.7		ug/L		103	75 - 124
Styrene	25.0	26.2		ug/L		105	80 - 120
Tetrachloroethene	25.0	29.2		ug/L		117	74 - 122
Toluene	25.0	27.4		ug/L		110	80 - 122
trans-1,2-Dichloroethene	25.0	27.4		ug/L		110	73 - 127
trans-1,3-Dichloropropene	25.0	28.6		ug/L		114	80 - 120
Trichloroethene	25.0	27.7		ug/L		111	74 - 123
Trichlorofluoromethane	25.0	27.7		ug/L		111	62 - 150
Vinyl chloride	25.0	27.9		ug/L		111	65 - 133
Xylenes, Total	50.0	55.2		ug/L		110	76 - 122

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

Surrogate	LCS %Recovery	LCS Qualifier	Limits
Toluene-d8 (Surr)	100		80 - 120
1,2-Dichloroethane-d4 (Surr)	102		77 - 120
4-Bromofluorobenzene (Surr)	100		73 - 120
Dibromofluoromethane (Surr)	97		75 - 123

Lab Sample ID: MB 480-727413/9
Matrix: Water
Analysis Batch: 727413

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.0	U	1.0	0.82	ug/L			10/08/24 14:01	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.21	ug/L			10/08/24 14:01	1
1,1,2-Trichloroethane	1.0	U	1.0	0.23	ug/L			10/08/24 14:01	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.31	ug/L			10/08/24 14:01	1
1,1-Dichloroethane	1.0	U	1.0	0.38	ug/L			10/08/24 14:01	1
1,1-Dichloroethene	1.0	U	1.0	0.29	ug/L			10/08/24 14:01	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.41	ug/L			10/08/24 14:01	1
1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.39	ug/L			10/08/24 14:01	1
1,2-Dichlorobenzene	1.0	U	1.0	0.79	ug/L			10/08/24 14:01	1
1,2-Dichloroethane	1.0	U	1.0	0.21	ug/L			10/08/24 14:01	1
1,2-Dichloropropane	1.0	U	1.0	0.72	ug/L			10/08/24 14:01	1
1,3-Dichlorobenzene	1.0	U	1.0	0.78	ug/L			10/08/24 14:01	1
1,4-Dichlorobenzene	1.0	U	1.0	0.84	ug/L			10/08/24 14:01	1
2-Butanone (MEK)	10	U	10	1.3	ug/L			10/08/24 14:01	1
2-Hexanone	5.0	U	5.0	1.2	ug/L			10/08/24 14:01	1
4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	2.1	ug/L			10/08/24 14:01	1
Acetone	10	U	10	3.0	ug/L			10/08/24 14:01	1
Benzene	1.0	U	1.0	0.41	ug/L			10/08/24 14:01	1
Bromodichloromethane	1.0	U	1.0	0.39	ug/L			10/08/24 14:01	1
Bromoform	1.0	U	1.0	0.26	ug/L			10/08/24 14:01	1
Bromomethane	1.0	U	1.0	0.69	ug/L			10/08/24 14:01	1
Carbon disulfide	1.0	U	1.0	0.19	ug/L			10/08/24 14:01	1
Carbon tetrachloride	1.0	U	1.0	0.27	ug/L			10/08/24 14:01	1
Chlorobenzene	1.0	U	1.0	0.75	ug/L			10/08/24 14:01	1
Dibromochloromethane	1.0	U	1.0	0.32	ug/L			10/08/24 14:01	1
Chloroethane	1.0	U	1.0	0.32	ug/L			10/08/24 14:01	1
Chloroform	1.0	U	1.0	0.34	ug/L			10/08/24 14:01	1
Chloromethane	1.0	U	1.0	0.35	ug/L			10/08/24 14:01	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.81	ug/L			10/08/24 14:01	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.36	ug/L			10/08/24 14:01	1
Cyclohexane	1.0	U	1.0	0.18	ug/L			10/08/24 14:01	1
Dichlorodifluoromethane	1.0	U	1.0	0.68	ug/L			10/08/24 14:01	1
Ethylbenzene	1.0	U	1.0	0.74	ug/L			10/08/24 14:01	1
1,2-Dibromoethane	1.0	U	1.0	0.73	ug/L			10/08/24 14:01	1
Isopropylbenzene	1.0	U	1.0	0.79	ug/L			10/08/24 14:01	1
Methyl acetate	2.5	U	2.5	1.3	ug/L			10/08/24 14:01	1
Methyl tert-butyl ether	1.0	U	1.0	0.16	ug/L			10/08/24 14:01	1
Methylcyclohexane	1.0	U	1.0	0.16	ug/L			10/08/24 14:01	1
Methylene Chloride	1.0	U	1.0	0.44	ug/L			10/08/24 14:01	1
Styrene	1.0	U	1.0	0.73	ug/L			10/08/24 14:01	1
Tetrachloroethene	1.0	U	1.0	0.36	ug/L			10/08/24 14:01	1

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

Lab Sample ID: MB 480-727413/9
Matrix: Water
Analysis Batch: 727413

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Toluene	1.0	U	1.0	0.51	ug/L			10/08/24 14:01	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.90	ug/L			10/08/24 14:01	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.37	ug/L			10/08/24 14:01	1
Trichloroethene	1.0	U	1.0	0.46	ug/L			10/08/24 14:01	1
Trichlorofluoromethane	1.0	U	1.0	0.88	ug/L			10/08/24 14:01	1
Vinyl chloride	1.0	U	1.0	0.90	ug/L			10/08/24 14:01	1
Xylenes, Total	2.0	U	2.0	0.66	ug/L			10/08/24 14:01	1

Tentatively Identified Compound	*MB Est. Result*	*MB Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Unknown	*23.7*	*J*	*ug/L*		*1.55*	*N/A*		*10/08/24 14:01*	*1*

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*104*		*80 - 120*		*10/08/24 14:01*	*1*
1,2-Dichloroethane-d4 (Surr)	*101*		*77 - 120*		*10/08/24 14:01*	*1*
4-Bromofluorobenzene (Surr)	*111*		*73 - 120*		*10/08/24 14:01*	*1*
Dibromofluoromethane (Surr)	*105*		*75 - 123*		*10/08/24 14:01*	*1*

Lab Sample ID: LCS 480-727413/6
Matrix: Water
Analysis Batch: 727413

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1-Trichloroethane	25.0	23.4		ug/L		94	73 - 126
1,1,2,2-Tetrachloroethane	25.0	24.5		ug/L		98	76 - 120
1,1,2-Trichloroethane	25.0	23.9		ug/L		95	76 - 122
1,1,2-Trichloro-1,2,2-trifluoroethane	25.0	24.9		ug/L		100	61 - 148
1,1-Dichloroethane	25.0	25.7		ug/L		103	77 - 120
1,1-Dichloroethene	25.0	24.7		ug/L		99	66 - 127
1,2,4-Trichlorobenzene	25.0	24.0		ug/L		96	79 - 122
1,2-Dibromo-3-Chloropropane	25.0	19.7		ug/L		79	56 - 134
1,2-Dichlorobenzene	25.0	23.7		ug/L		95	80 - 124
1,2-Dichloroethane	25.0	24.7		ug/L		99	75 - 120
1,2-Dichloropropane	25.0	25.0		ug/L		100	76 - 120
1,3-Dichlorobenzene	25.0	24.3		ug/L		97	77 - 120
1,4-Dichlorobenzene	25.0	24.3		ug/L		97	80 - 120
2-Butanone (MEK)	125	221	*+	ug/L		177	57 - 140
2-Hexanone	125	121		ug/L		97	65 - 127
4-Methyl-2-pentanone (MIBK)	125	120		ug/L		96	71 - 125
Acetone	125	119		ug/L		95	56 - 142
Benzene	25.0	25.2		ug/L		101	71 - 124
Bromodichloromethane	25.0	25.6		ug/L		102	80 - 122
Bromoform	25.0	26.7		ug/L		107	61 - 132
Bromomethane	25.0	31.7		ug/L		127	55 - 144
Carbon disulfide	25.0	23.0		ug/L		92	59 - 134
Carbon tetrachloride	25.0	25.0		ug/L		100	72 - 134
Chlorobenzene	25.0	23.2		ug/L		93	80 - 120
Dibromochloromethane	25.0	25.3		ug/L		101	75 - 125

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

Lab Sample ID: LCS 480-727413/6
Matrix: Water
Analysis Batch: 727413

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloroethane	25.0	33.2		ug/L		133	69 - 136
Chloroform	25.0	24.3		ug/L		97	73 - 127
Chloromethane	25.0	31.7	*+	ug/L		127	68 - 124
cis-1,2-Dichloroethene	25.0	25.9		ug/L		104	74 - 124
cis-1,3-Dichloropropene	25.0	25.7		ug/L		103	74 - 124
Cyclohexane	25.0	22.1		ug/L		88	59 - 135
Dichlorodifluoromethane	25.0	32.8		ug/L		131	59 - 135
Ethylbenzene	25.0	23.2		ug/L		93	77 - 123
1,2-Dibromoethane	25.0	24.2		ug/L		97	77 - 120
Isopropylbenzene	25.0	23.0		ug/L		92	77 - 122
Methyl acetate	50.0	49.8		ug/L		100	74 - 133
Methyl tert-butyl ether	25.0	24.6		ug/L		99	77 - 120
Methylcyclohexane	25.0	24.3		ug/L		97	68 - 134
Methylene Chloride	25.0	25.4		ug/L		102	75 - 124
Styrene	25.0	23.2		ug/L		93	80 - 120
Tetrachloroethene	25.0	26.3		ug/L		105	74 - 122
Toluene	25.0	23.1		ug/L		92	80 - 122
trans-1,2-Dichloroethene	25.0	25.2		ug/L		101	73 - 127
trans-1,3-Dichloropropene	25.0	24.0		ug/L		96	80 - 120
Trichloroethene	25.0	25.0		ug/L		100	74 - 123
Trichlorofluoromethane	25.0	37.0		ug/L		148	62 - 150
Vinyl chloride	25.0	32.8		ug/L		131	65 - 133
Xylenes, Total	50.0	46.4		ug/L		93	76 - 122

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Toluene-d8 (Surr)	*101*		*80 - 120*
1,2-Dichloroethane-d4 (Surr)	*110*		*77 - 120*
4-Bromofluorobenzene (Surr)	*106*		*73 - 120*
Dibromofluoromethane (Surr)	*107*		*75 - 123*

Lab Sample ID: MB 480-727426/8
Matrix: Water
Analysis Batch: 727426

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.0	U	1.0	0.82	ug/L			10/08/24 15:41	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.21	ug/L			10/08/24 15:41	1
1,1,2-Trichloroethane	1.0	U	1.0	0.23	ug/L			10/08/24 15:41	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.31	ug/L			10/08/24 15:41	1
1,1-Dichloroethane	1.0	U	1.0	0.38	ug/L			10/08/24 15:41	1
1,1-Dichloroethene	1.0	U	1.0	0.29	ug/L			10/08/24 15:41	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.41	ug/L			10/08/24 15:41	1
1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.39	ug/L			10/08/24 15:41	1
1,2-Dichlorobenzene	1.0	U	1.0	0.79	ug/L			10/08/24 15:41	1
1,2-Dichloroethane	1.0	U	1.0	0.21	ug/L			10/08/24 15:41	1
1,2-Dichloropropane	1.0	U	1.0	0.72	ug/L			10/08/24 15:41	1
1,3-Dichlorobenzene	1.0	U	1.0	0.78	ug/L			10/08/24 15:41	1
1,4-Dichlorobenzene	1.0	U	1.0	0.84	ug/L			10/08/24 15:41	1

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

Lab Sample ID: MB 480-727426/8
Matrix: Water
Analysis Batch: 727426

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Butanone (MEK)	10	U	10	1.3	ug/L			10/08/24 15:41	1
2-Hexanone	5.0	U	5.0	1.2	ug/L			10/08/24 15:41	1
4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	2.1	ug/L			10/08/24 15:41	1
Acetone	10	U	10	3.0	ug/L			10/08/24 15:41	1
Benzene	1.0	U	1.0	0.41	ug/L			10/08/24 15:41	1
Bromodichloromethane	1.0	U	1.0	0.39	ug/L			10/08/24 15:41	1
Bromoform	1.0	U	1.0	0.26	ug/L			10/08/24 15:41	1
Bromomethane	1.0	U	1.0	0.69	ug/L			10/08/24 15:41	1
Carbon disulfide	1.0	U	1.0	0.19	ug/L			10/08/24 15:41	1
Carbon tetrachloride	1.0	U	1.0	0.27	ug/L			10/08/24 15:41	1
Chlorobenzene	1.0	U	1.0	0.75	ug/L			10/08/24 15:41	1
Dibromochloromethane	1.0	U	1.0	0.32	ug/L			10/08/24 15:41	1
Chloroethane	1.0	U	1.0	0.32	ug/L			10/08/24 15:41	1
Chloroform	1.0	U	1.0	0.34	ug/L			10/08/24 15:41	1
Chloromethane	1.0	U	1.0	0.35	ug/L			10/08/24 15:41	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.81	ug/L			10/08/24 15:41	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.36	ug/L			10/08/24 15:41	1
Cyclohexane	1.0	U	1.0	0.18	ug/L			10/08/24 15:41	1
Dichlorodifluoromethane	1.0	U	1.0	0.68	ug/L			10/08/24 15:41	1
Ethylbenzene	1.0	U	1.0	0.74	ug/L			10/08/24 15:41	1
1,2-Dibromoethane	1.0	U	1.0	0.73	ug/L			10/08/24 15:41	1
Isopropylbenzene	1.0	U	1.0	0.79	ug/L			10/08/24 15:41	1
Methyl acetate	2.5	U	2.5	1.3	ug/L			10/08/24 15:41	1
Methyl tert-butyl ether	1.0	U	1.0	0.16	ug/L			10/08/24 15:41	1
Methylcyclohexane	1.0	U	1.0	0.16	ug/L			10/08/24 15:41	1
Methylene Chloride	1.0	U	1.0	0.44	ug/L			10/08/24 15:41	1
Styrene	1.0	U	1.0	0.73	ug/L			10/08/24 15:41	1
Tetrachloroethene	1.0	U	1.0	0.36	ug/L			10/08/24 15:41	1
Toluene	1.0	U	1.0	0.51	ug/L			10/08/24 15:41	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.90	ug/L			10/08/24 15:41	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.37	ug/L			10/08/24 15:41	1
Trichloroethene	1.0	U	1.0	0.46	ug/L			10/08/24 15:41	1
Trichlorofluoromethane	1.0	U	1.0	0.88	ug/L			10/08/24 15:41	1
Vinyl chloride	1.0	U	1.0	0.90	ug/L			10/08/24 15:41	1
Xylenes, Total	2.0	U	2.0	0.66	ug/L			10/08/24 15:41	1

Tentatively Identified Compound	*MB Est. Result*	*MB Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*ug/L*			*N/A*		*10/08/24 15:41*	*1*

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*93*		*80 - 120*		*10/08/24 15:41*	*1*
1,2-Dichloroethane-d4 (Surr)	*90*		*77 - 120*		*10/08/24 15:41*	*1*
4-Bromofluorobenzene (Surr)	*103*		*73 - 120*		*10/08/24 15:41*	*1*
Dibromofluoromethane (Surr)	*94*		*75 - 123*		*10/08/24 15:41*	*1*

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

Lab Sample ID: LCS 480-727426/6
Matrix: Water
Analysis Batch: 727426

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1-Trichloroethane	25.0	23.8		ug/L		95	73 - 126
1,1,2,2-Tetrachloroethane	25.0	25.6		ug/L		102	76 - 120
1,1,2-Trichloroethane	25.0	25.6		ug/L		102	76 - 122
1,1,2-Trichloro-1,2,2-trifluoroethane	25.0	23.7		ug/L		95	61 - 148
1,1-Dichloroethane	25.0	22.9		ug/L		91	77 - 120
1,1-Dichloroethene	25.0	22.6		ug/L		91	66 - 127
1,2,4-Trichlorobenzene	25.0	27.2		ug/L		109	79 - 122
1,2-Dibromo-3-Chloropropane	25.0	26.2		ug/L		105	56 - 134
1,2-Dichlorobenzene	25.0	26.4		ug/L		106	80 - 124
1,2-Dichloroethane	25.0	24.2		ug/L		97	75 - 120
1,2-Dichloropropane	25.0	26.7		ug/L		107	76 - 120
1,3-Dichlorobenzene	25.0	26.3		ug/L		105	77 - 120
1,4-Dichlorobenzene	25.0	26.1		ug/L		104	80 - 120
2-Butanone (MEK)	125	129		ug/L		103	57 - 140
2-Hexanone	125	125		ug/L		100	65 - 127
4-Methyl-2-pentanone (MIBK)	125	126		ug/L		101	71 - 125
Acetone	125	115		ug/L		92	56 - 142
Benzene	25.0	24.8		ug/L		99	71 - 124
Bromodichloromethane	25.0	23.8		ug/L		95	80 - 122
Bromoform	25.0	24.4		ug/L		98	61 - 132
Bromomethane	25.0	21.9		ug/L		88	55 - 144
Carbon disulfide	25.0	22.1		ug/L		88	59 - 134
Carbon tetrachloride	25.0	24.7		ug/L		99	72 - 134
Chlorobenzene	25.0	25.4		ug/L		102	80 - 120
Dibromochloromethane	25.0	25.5		ug/L		102	75 - 125
Chloroethane	25.0	23.9		ug/L		96	69 - 136
Chloroform	25.0	21.1		ug/L		85	73 - 127
Chloromethane	25.0	22.7		ug/L		91	68 - 124
cis-1,2-Dichloroethene	25.0	23.4		ug/L		94	74 - 124
cis-1,3-Dichloropropene	25.0	26.8		ug/L		107	74 - 124
Cyclohexane	25.0	24.2		ug/L		97	59 - 135
Dichlorodifluoromethane	25.0	21.2		ug/L		85	59 - 135
Ethylbenzene	25.0	25.5		ug/L		102	77 - 123
1,2-Dibromoethane	25.0	26.6		ug/L		107	77 - 120
Isopropylbenzene	25.0	28.0		ug/L		112	77 - 122
Methyl acetate	50.0	48.4		ug/L		97	74 - 133
Methyl tert-butyl ether	25.0	22.8		ug/L		91	77 - 120
Methylcyclohexane	25.0	25.4		ug/L		102	68 - 134
Methylene Chloride	25.0	21.8		ug/L		87	75 - 124
Styrene	25.0	25.5		ug/L		102	80 - 120
Tetrachloroethene	25.0	26.9		ug/L		108	74 - 122
Toluene	25.0	25.1		ug/L		101	80 - 122
trans-1,2-Dichloroethene	25.0	23.1		ug/L		92	73 - 127
trans-1,3-Dichloropropene	25.0	28.2		ug/L		113	80 - 120
Trichloroethene	25.0	25.5		ug/L		102	74 - 123
Trichlorofluoromethane	25.0	25.9		ug/L		104	62 - 150
Vinyl chloride	25.0	23.6		ug/L		95	65 - 133
Xylenes, Total	50.0	51.5		ug/L		103	76 - 122

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

Surrogate	LCS %Recovery	LCS Qualifier	Limits
Toluene-d8 (Surr)	92		80 - 120
1,2-Dichloroethane-d4 (Surr)	84		77 - 120
4-Bromofluorobenzene (Surr)	99		73 - 120
Dibromofluoromethane (Surr)	84		75 - 123

QC Association Summary

Client: EHS Support, LLC
Job ID: 480-224023-1
Project/Site: Ashland Lee Ave. Railroad - Norwich,NY

GC/MS VOA

Analysis Batch: 727295

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-224023-1	URS-1R	Total/NA	Water	8260C	
480-224023-5	URS-12	Total/NA	Water	8260C	
480-224023-6	URS-13	Total/NA	Water	8260C	
480-224023-7	MW-20	Total/NA	Water	8260C	
480-224023-8	URS-14	Total/NA	Water	8260C	
480-224023-9	URS-2S	Total/NA	Water	8260C	
MB 480-727295/10	Method Blank	Total/NA	Water	8260C	
LCS 480-727295/8	Lab Control Sample	Total/NA	Water	8260C	
LCSD 480-727295/33	Lab Control Sample Dup	Total/NA	Water	8260C	

Analysis Batch: 727303

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-224023-13	MW-12	Total/NA	Water	8260C	
480-224023-14	LAOW-11-5	Total/NA	Water	8260C	
480-224023-15	LAOW-11-6	Total/NA	Water	8260C	
480-224023-16	MW-13	Total/NA	Water	8260C	
480-224023-17	MW-15	Total/NA	Water	8260C	
480-224023-18	LAOW-11-9	Total/NA	Water	8260C	
480-224023-19	MW-14	Total/NA	Water	8260C	
480-224023-20	TRIP BLANK	Total/NA	Water	8260C	
480-224023-21	EB1	Total/NA	Water	8260C	
480-224023-22	EB2	Total/NA	Water	8260C	
MB 480-727303/30	Method Blank	Total/NA	Water	8260C	
LCS 480-727303/6	Lab Control Sample	Total/NA	Water	8260C	

Analysis Batch: 727413

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-224023-2	URS-4S	Total/NA	Water	8260C	
480-224023-3	MW-18	Total/NA	Water	8260C	
480-224023-11	DUP2	Total/NA	Water	8260C	
MB 480-727413/9	Method Blank	Total/NA	Water	8260C	
LCS 480-727413/6	Lab Control Sample	Total/NA	Water	8260C	

Analysis Batch: 727426

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-224023-4	LAOW-11-1	Total/NA	Water	8260C	
480-224023-10	URS-10S	Total/NA	Water	8260C	
480-224023-12	LAOW-11-4	Total/NA	Water	8260C	
MB 480-727426/8	Method Blank	Total/NA	Water	8260C	
LCS 480-727426/6	Lab Control Sample	Total/NA	Water	8260C	

Lab Chronicle

Client: EHS Support, LLC
Project/Site: Ashland Lee Ave. Railroad - Norwich,NY

Job ID: 480-224023-1

Client Sample ID: URS-1R
Date Collected: 10/01/24 12:28
Date Received: 10/03/24 12:03

Lab Sample ID: 480-224023-1
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		1	727295	LCH	EET BUF	10/07/24 20:38

Client Sample ID: URS-4S
Date Collected: 10/02/24 15:04
Date Received: 10/03/24 12:03

Lab Sample ID: 480-224023-2
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		1	727413	ERS	EET BUF	10/08/24 19:50

Client Sample ID: MW-18
Date Collected: 10/02/24 14:14
Date Received: 10/03/24 12:03

Lab Sample ID: 480-224023-3
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		1	727413	ERS	EET BUF	10/08/24 20:14

Client Sample ID: LAOW-11-1
Date Collected: 10/01/24 16:26
Date Received: 10/03/24 12:03

Lab Sample ID: 480-224023-4
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		1	727426	AD	EET BUF	10/08/24 18:00

Client Sample ID: URS-12
Date Collected: 10/01/24 15:52
Date Received: 10/03/24 12:03

Lab Sample ID: 480-224023-5
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		1	727295	LCH	EET BUF	10/07/24 21:00

Client Sample ID: URS-13
Date Collected: 10/02/24 08:34
Date Received: 10/03/24 12:03

Lab Sample ID: 480-224023-6
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		1	727295	LCH	EET BUF	10/07/24 21:23

Client Sample ID: MW-20
Date Collected: 10/02/24 09:04
Date Received: 10/03/24 12:03

Lab Sample ID: 480-224023-7
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		1	727295	LCH	EET BUF	10/07/24 21:45

Lab Chronicle

Client: EHS Support, LLC
Project/Site: Ashland Lee Ave. Railroad - Norwich,NY

Job ID: 480-224023-1

Client Sample ID: URS-14
Date Collected: 10/02/24 11:32
Date Received: 10/03/24 12:03

Lab Sample ID: 480-224023-8
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		1	727295	LCH	EET BUF	10/07/24 22:08

Client Sample ID: URS-2S
Date Collected: 10/02/24 12:58
Date Received: 10/03/24 12:03

Lab Sample ID: 480-224023-9
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		1	727295	LCH	EET BUF	10/07/24 22:30

Client Sample ID: URS-10S
Date Collected: 10/02/24 13:36
Date Received: 10/03/24 12:03

Lab Sample ID: 480-224023-10
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		1	727426	AD	EET BUF	10/08/24 18:23

Client Sample ID: DUP2
Date Collected: 10/02/24 00:00
Date Received: 10/03/24 12:03

Lab Sample ID: 480-224023-11
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		1	727413	ERS	EET BUF	10/08/24 20:39

Client Sample ID: LAOW-11-4
Date Collected: 10/01/24 12:56
Date Received: 10/03/24 12:03

Lab Sample ID: 480-224023-12
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		1	727426	AD	EET BUF	10/08/24 18:45

Client Sample ID: MW-12
Date Collected: 10/02/24 10:36
Date Received: 10/03/24 12:03

Lab Sample ID: 480-224023-13
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		1	727303	ZN	EET BUF	10/07/24 17:26

Client Sample ID: LAOW-11-5
Date Collected: 10/01/24 13:26
Date Received: 10/03/24 12:03

Lab Sample ID: 480-224023-14
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		1	727303	ZN	EET BUF	10/07/24 17:50

Lab Chronicle

Client: EHS Support, LLC
Job ID: 480-224023-1
Project/Site: Ashland Lee Ave. Railroad - Norwich,NY

Client Sample ID: LAOW-11-6
Lab Sample ID: 480-224023-15
Date Collected: 10/02/24 09:38
Matrix: Water
Date Received: 10/03/24 12:03

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		1	727303	ZN	EET BUF	10/07/24 18:13

Client Sample ID: MW-13
Lab Sample ID: 480-224023-16
Date Collected: 10/02/24 10:18
Matrix: Water
Date Received: 10/03/24 12:03

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		1	727303	ZN	EET BUF	10/07/24 18:36

Client Sample ID: MW-15
Lab Sample ID: 480-224023-17
Date Collected: 10/01/24 14:44
Matrix: Water
Date Received: 10/03/24 12:03

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		1	727303	ZN	EET BUF	10/07/24 19:00

Client Sample ID: LAOW-11-9
Lab Sample ID: 480-224023-18
Date Collected: 10/01/24 14:12
Matrix: Water
Date Received: 10/03/24 12:03

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		1	727303	ZN	EET BUF	10/07/24 19:24

Client Sample ID: MW-14
Lab Sample ID: 480-224023-19
Date Collected: 10/01/24 15:16
Matrix: Water
Date Received: 10/03/24 12:03

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		1	727303	ZN	EET BUF	10/07/24 19:47

Client Sample ID: TRIP BLANK
Lab Sample ID: 480-224023-20
Date Collected: 10/01/24 00:00
Matrix: Water
Date Received: 10/03/24 12:03

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		1	727303	ZN	EET BUF	10/07/24 20:10

Client Sample ID: EB1
Lab Sample ID: 480-224023-21
Date Collected: 10/01/24 16:00
Matrix: Water
Date Received: 10/03/24 12:03

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		1	727303	ZN	EET BUF	10/07/24 20:34

Lab Chronicle

Client: EHS Support, LLC
Job ID: 480-224023-1
Project/Site: Ashland Lee Ave. Railroad - Norwich,NY

Client Sample ID: EB2
Lab Sample ID: 480-224023-22

Date Collected: 10/02/24 15:45
Matrix: Water

Date Received: 10/03/24 12:03

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		1	727303	ZN	EET BUF	10/07/24 20:58

Laboratory References:

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

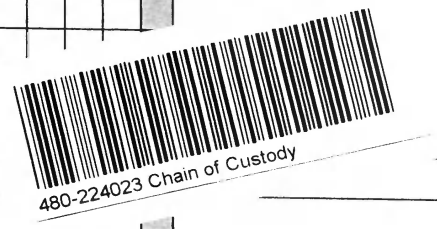
10 Hazelwood Drive
Amherst, NY 14228-2298
Phone: 716-691-2600 Fax: 716-691-7991

Chain of Custody Record

eurofins | Environment Testing

Client Information	Sampler: Michael Bruse	Lab PM: Beninati, John	Carrier Tracking No(s):	COC No: 480-199215-39820.1
Client Contact: ~~Kris Blumm~~ Elena Dadukova	Phone: 614-354-7612	E-Mail: John.Beninati@et.eurofinsus.com	State of Origin:	Page: Page ~~1 of 3~~ 1 of 2
Company: EHS Support, LLC	PWSID:	Analysis Requested		Job #:
Address: 814 E Washington Street Rehoboth Beach	Due Date Requested: Standard			Preservation Codes: A - HCL
City: ~~Louisville~~ DE	TAT Requested (days): standard			
State, Zip: ~~KY, 40206~~	Compliance Project: Δ Yes Δ No			
Phone: 302-480-4401	PO #: PO1106588			
Email: ~~kris.blumm@ehs-support.com~~	WO #: Task 400			Other:
Project Name: ~~Elena Dadukova~~ Ashland Lee Ave. Railroad - Norwich, NY ~~Ehs.support.com~~	Project #: 48016491			
Site: Norwich, NY	SSOW#:			

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8260C - TCL VOCs	8260C - TCL VOCs + TICs	Total Number of containers	Special Instructions/Note:
			Preservation Code:				A	A		
~~LAOW11_1~~ URS-1R	10/1/24	1228		Water						
~~LAOW11_6~~ URS-4S	10/2/24	1504		Water						
~~LAOW11_8~~ MW-18	10/2/24	1414		Water						
~~MW-5~~ LAOW11-1	10/2/24	1626		Water						
~~MW-9~~ URS-12	10/1/24	1552		Water						
~~MW-12~~ URS-13	10/2/24	0854		Water						
~~MW-14~~ MW-20	10/2/24	0904		Water						
~~MW-15~~ URS-14	10/2/24	1132		Water						
~~MW-19~~ URS-2S	10/2/24	1258		Water						
~~MW-20~~ URS-10S	10/2/24	1336		Water						
~~URS-2S~~ DUP2	10/2/24			Water						



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

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

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

Special Instructions/QC Requirements:

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

Relinquished by:	Date/Time:	Company	Received by:	Date/Time	Company
[signature]	10/3/24	EHS			
Relinquished by:	Date/Time	Company	Received by:	Date/Time	Company
Relinquished by:	Date/Time	Company	Received by: [signature]	Date/Time 10/5/24 1022	Company FedEx

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

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

Ver: 05/06/2024

10/10/2024

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

Chain of Custody Record

eurofins | Environment Testing

Client Information	Sampler: Michael Burgo	Lab PM: Beninati, John	Carrier Tracking No(s):	COC No: 480-199215-39820.2
Client Contact: Kris Blumm	Phone: 614-354-1612	E-Mail: John.Beninati@et.eurofinsus.com	State of Origin:	Page: Page ~~2 of 5~~ 2 of 2
Company: EHS Support, LLC	PWSID:			Job #:
Address: 814 E Washington Street	Due Date Requested:			
City: Louisville	TAT Requested (days):			
State, Zip: KY, 40206	Compliance Project: Δ Yes Δ No			
Phone:	PO #: PO1106588			
Email: kris.blumm@ehs-support.com	WO #: Task 400			
Project Name: Ashland Lee Ave. Railroad - Norwich,NY	Project #: 48016401			
Site:	SSOW#:			

Analysis Requested

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8260C - TCL VOCs	8260C - TCL VOCs + TICs	Total Number of containers	Special Instructions/Note:
			Preservation Code:				A	A		
~~URS-12~~ LAOW-11-4	10/1/24	1256		Water						
~~URS-13~~ MW-12	10/2/24	1036		Water						
~~URS-14~~ LAOW11-5	10/1/24	1326		Water						
LAOW11_4 LAOW11-6	10/2/24	0938		Water						
LAOW11_5 MW-13	10/2/24	1018		Water						
~~MW-10R~~ MW-15	10/1/24	1444		Water						
~~MW-7~~ LAOW11-9	10/1/24	1412		Water						
~~MW-8~~ MW-14	10/1/24	1516		Water						
~~MW-19~~ Trip Blank	—	—		Water						
~~MW-16~~ EB1	10/1/24	1600		Water						
~~MW-17~~ EB2	10/2/24	1545		Water						

Preservation Codes: A - HCL

Other:

Possible Hazard Identification

☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

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

Special Instructions/QC Requirements:

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

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
[signature]	10/3/24	~~EHS~~			
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time	Company

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

Ver: 05/06/2024

10/10/2024

Login Sample Receipt Checklist

Client: EHS Support, LLC

Job Number: 480-224023-1

Login Number: 224023
List Number: 1
Creator: Wallace, Cameron

List Source: Eurofins Buffalo

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

Accreditation/Certification Summary

Client: EHS Support, LLC
Job ID: 480-224023-1
Project/Site: Ashland Lee Ave. Railroad - Norwich,NY

Laboratory: Eurofins Buffalo

The accreditations/certifications listed below are applicable to this report.

Authority	Program	Identification Number	Expiration Date
New York	NELAP	10026	03-31-25

eurofins | Environment Testing

ANALYTICAL REPORT

PREPARED FOR

Attn: Elena Dadukova
EHS Support, LLC
4512 N Beacon Street
#2
Chicago, Illinois 60640

Generated 10/10/2024 6:12:44 PM

JOB DESCRIPTION

Ashland Lee Ave. Railroad - Norwich,NY

JOB NUMBER

480-224025-1

Eurofins Buffalo
10 Hazelwood Drive
Amherst NY 14228-2298

See page two for job notes and contact information.

myEOL

Job Notes

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

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

Authorization

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Authorized for release by
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Designee for
John Beninati, Project Manager I
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Table of Contents

Job Narrative
480-224025-1

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable.

- Matrix QC may not be reported if insufficient sample is provided or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD may be performed, unless otherwise specified in the method.
- Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.

Regulated compliance samples (e.g. SDWA, NPDES) must comply with the associated agency requirements/permits.

Receipt
The samples were received on 10/3/2024 10:20 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 3.8°C.

GC/MS VOA
Method 8260C: The following sample was diluted to bring the concentration of target analytes within the calibration range: LARW-11-2 (480-224025-3). Elevated reporting limits (RLs) are provided.

Method 8260C: The following volatiles sample was diluted due to foaming at the time of purging during the original sample analysis: MW-11R (480-224025-4). Elevated reporting limits (RLs) are provided.

Method 8260C: The continuing calibration verification (CCV) associated with batch 480-727303 recovered above the upper control limit for Carbon tetrachloride, and Methylcyclohexane. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated samples are impacted: LARW-11-1 (480-224025-1), LARW-11-3 (480-224025-2), LARW-11-2 (480-224025-3) and MW-11R (480-224025-4).

Method 8260C: The following sample was diluted to bring the concentration of target analytes within the calibration range: URS-3R (480-224025-5). Elevated reporting limits (RLs) are provided.

Method 8260C: The continuing calibration verification (CCV) associated with batch 480-727426 recovered outside acceptance criteria, low biased, for Chloromethane. A reporting limit (RL) standard was analyzed, and the target analytes are detected. Since the associated samples were non-detect for the analyte(s), the data are reported. The associated sample is impacted: URS-3R (480-224025-5).

Method 8260C: The continuing calibration verification (CCV) analyzed in batch 480-727426 was outside the method criteria for the following analyte(s): Vinyl chloride. A CCV standard at or below the reporting limit (RL) was analyzed with the affected samples and found to be acceptable. As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analyte(s) is considered estimated. The associated sample is impacted: URS-3R (480-224025-5).

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

Sample Summary

Client: EHS Support, LLC
Job ID: 480-224025-1
Project/Site: Ashland Lee Ave. Railroad - Norwich,NY

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
480-224025-1	LARW-11-1	Water	10/02/24 11:25	10/03/24 10:20
480-224025-2	LARW-11-3	Water	10/01/24 12:55	10/03/24 10:20
480-224025-3	LARW-11-2	Water	10/01/24 13:42	10/03/24 10:20
480-224025-4	MW-11R	Water	10/02/24 11:45	10/03/24 10:20
480-224025-5	URS-3R	Water	10/01/24 15:33	10/03/24 10:20
480-224025-6	MW-10R	Water	10/01/24 14:50	10/03/24 10:20
480-224025-7	MW-7	Water	10/02/24 09:52	10/03/24 10:20
480-224025-8	MW-8	Water	10/02/24 09:18	10/03/24 10:20
480-224025-9	MW-9	Water	10/02/24 10:30	10/03/24 10:20
480-224025-10	URS-7S	Water	10/02/24 15:22	10/03/24 10:20
480-224025-11	URS-9S	Water	10/02/24 13:25	10/03/24 10:20
480-224025-12	URS-6I	Water	10/02/24 12:32	10/03/24 10:20
480-224025-13	URS-8S	Water	10/02/24 14:16	10/03/24 10:20
480-224025-14	DUP-1	Water	10/02/24 00:00	10/03/24 10:20
480-224025-15	TRIP BLANK	Water	10/02/24 00:00	10/03/24 10:20

Method Summary

Client: EHS Support, LLC
Job ID: 480-224025-1
Project/Site: Ashland Lee Ave. Railroad - Norwich,NY

Method	Method Description	Protocol	Laboratory
8260C	Volatile Organic Compounds by GC/MS	SW846	EET BUF
5030C	Purge and Trap	SW846	EET BUF

Protocol References:

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

Laboratory References:

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

Definitions/Glossary

Client: EHS Support, LLC
Job ID: 480-224025-1
Project/Site: Ashland Lee Ave. Railroad - Norwich,NY

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
U	Indicates the analyte was analyzed for but not detected.

GC/MS VOA TICs

Qualifier	Qualifier Description
J	Indicates an Estimated Value for TICs

Glossary

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

Detection Summary

Client: EHS Support, LLC
Job ID: 480-224025-1
Project/Site: Ashland Lee Ave. Railroad - Norwich,NY

Client Sample ID: LARW-11-1 — Lab Sample ID: 480-224025-1

No Detections.

Client Sample ID: LARW-11-3 — Lab Sample ID: 480-224025-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	1.9		1.0	0.38	ug/L	1		8260C	Total/NA
cis-1,2-Dichloroethene	0.83	J	1.0	0.81	ug/L	1		8260C	Total/NA

Client Sample ID: LARW-11-2 — Lab Sample ID: 480-224025-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	2000		20	16	ug/L	20		8260C	Total/NA
Tetrachloroethene	160		20	7.2	ug/L	20		8260C	Total/NA
Trichloroethene	320		20	9.2	ug/L	20		8260C	Total/NA
Vinyl chloride	100		20	18	ug/L	20		8260C	Total/NA

Client Sample ID: MW-11R — Lab Sample ID: 480-224025-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	150		40	15	ug/L	40		8260C	Total/NA
cis-1,2-Dichloroethene	120		40	32	ug/L	40		8260C	Total/NA
Trichloroethene	34	J	40	18	ug/L	40		8260C	Total/NA
Vinyl chloride	63		40	36	ug/L	40		8260C	Total/NA

Client Sample ID: URS-3R — Lab Sample ID: 480-224025-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	430		200	76	ug/L	200		8260C	Total/NA
cis-1,2-Dichloroethene	9800		200	160	ug/L	200		8260C	Total/NA
Trichloroethene	2200		200	92	ug/L	200		8260C	Total/NA
Vinyl chloride	6600		200	180	ug/L	200		8260C	Total/NA

Client Sample ID: MW-10R — Lab Sample ID: 480-224025-6

No Detections.

Client Sample ID: MW-7 — Lab Sample ID: 480-224025-7

No Detections.

Client Sample ID: MW-8 — Lab Sample ID: 480-224025-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Trichloroethene	1.4		1.0	0.46	ug/L	1		8260C	Total/NA

Client Sample ID: MW-9 — Lab Sample ID: 480-224025-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Trichloroethene	0.54	J	1.0	0.46	ug/L	1		8260C	Total/NA

Client Sample ID: URS-7S — Lab Sample ID: 480-224025-10

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Trichloroethene	0.91	J	1.0	0.46	ug/L	1		8260C	Total/NA

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: EHS Support, LLC
Job ID: 480-224025-1
Project/Site: Ashland Lee Ave. Railroad - Norwich,NY

Client Sample ID: URS-9S — Lab Sample ID: 480-224025-11

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	0.91	J	1.0	0.81	ug/L	1		8260C	Total/NA
Trichloroethene	3.7		1.0	0.46	ug/L	1		8260C	Total/NA

Client Sample ID: URS-6I — Lab Sample ID: 480-224025-12

No Detections.

Client Sample ID: URS-8S — Lab Sample ID: 480-224025-13

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Trichloroethene	1.4		1.0	0.46	ug/L	1		8260C	Total/NA

Client Sample ID: DUP-1 — Lab Sample ID: 480-224025-14

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloromethane	0.46	J	1.0	0.35	ug/L	1		8260C	Total/NA
Trichloroethene	1.3		1.0	0.46	ug/L	1		8260C	Total/NA

Client Sample ID: TRIP BLANK — Lab Sample ID: 480-224025-15

No Detections.

This Detection Summary does not include radiochemical test results.

Client: EHS Support, LLC
Project/Site: Ashland Lee Ave. Railroad - Norwich,NY

Job ID: 480-224025-1

Client Sample ID: LARW-11-1
Date Collected: 10/02/24 11:25
Date Received: 10/03/24 10:20

Lab Sample ID: 480-224025-1
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.0	U	1.0	0.82	ug/L			10/07/24 21:22	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.21	ug/L			10/07/24 21:22	1
1,1,2-Trichloroethane	1.0	U	1.0	0.23	ug/L			10/07/24 21:22	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.31	ug/L			10/07/24 21:22	1
1,1-Dichloroethane	1.0	U	1.0	0.38	ug/L			10/07/24 21:22	1
1,1-Dichloroethene	1.0	U	1.0	0.29	ug/L			10/07/24 21:22	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.41	ug/L			10/07/24 21:22	1
1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.39	ug/L			10/07/24 21:22	1
1,2-Dichlorobenzene	1.0	U	1.0	0.79	ug/L			10/07/24 21:22	1
1,2-Dichloroethane	1.0	U	1.0	0.21	ug/L			10/07/24 21:22	1
1,2-Dichloropropane	1.0	U	1.0	0.72	ug/L			10/07/24 21:22	1
1,3-Dichlorobenzene	1.0	U	1.0	0.78	ug/L			10/07/24 21:22	1
1,4-Dichlorobenzene	1.0	U	1.0	0.84	ug/L			10/07/24 21:22	1
2-Butanone (MEK)	10	U	10	1.3	ug/L			10/07/24 21:22	1
2-Hexanone	5.0	U	5.0	1.2	ug/L			10/07/24 21:22	1
4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	2.1	ug/L			10/07/24 21:22	1
Acetone	10	U	10	3.0	ug/L			10/07/24 21:22	1
Benzene	1.0	U	1.0	0.41	ug/L			10/07/24 21:22	1
Bromodichloromethane	1.0	U	1.0	0.39	ug/L			10/07/24 21:22	1
Bromoform	1.0	U	1.0	0.26	ug/L			10/07/24 21:22	1
Bromomethane	1.0	U	1.0	0.69	ug/L			10/07/24 21:22	1
Carbon disulfide	1.0	U	1.0	0.19	ug/L			10/07/24 21:22	1
Carbon tetrachloride	1.0	U	1.0	0.27	ug/L			10/07/24 21:22	1
Chlorobenzene	1.0	U	1.0	0.75	ug/L			10/07/24 21:22	1
Dibromochloromethane	1.0	U	1.0	0.32	ug/L			10/07/24 21:22	1
Chloroethane	1.0	U	1.0	0.32	ug/L			10/07/24 21:22	1
Chloroform	1.0	U	1.0	0.34	ug/L			10/07/24 21:22	1
Chloromethane	1.0	U	1.0	0.35	ug/L			10/07/24 21:22	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.81	ug/L			10/07/24 21:22	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.36	ug/L			10/07/24 21:22	1
Cyclohexane	1.0	U	1.0	0.18	ug/L			10/07/24 21:22	1
Dichlorodifluoromethane	1.0	U	1.0	0.68	ug/L			10/07/24 21:22	1
Ethylbenzene	1.0	U	1.0	0.74	ug/L			10/07/24 21:22	1
1,2-Dibromoethane	1.0	U	1.0	0.73	ug/L			10/07/24 21:22	1
Isopropylbenzene	1.0	U	1.0	0.79	ug/L			10/07/24 21:22	1
Methyl acetate	2.5	U	2.5	1.3	ug/L			10/07/24 21:22	1
Methyl tert-butyl ether	1.0	U	1.0	0.16	ug/L			10/07/24 21:22	1
Methylcyclohexane	1.0	U	1.0	0.16	ug/L			10/07/24 21:22	1
Methylene Chloride	1.0	U	1.0	0.44	ug/L			10/07/24 21:22	1
Styrene	1.0	U	1.0	0.73	ug/L			10/07/24 21:22	1
Tetrachloroethene	1.0	U	1.0	0.36	ug/L			10/07/24 21:22	1
Toluene	1.0	U	1.0	0.51	ug/L			10/07/24 21:22	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.90	ug/L			10/07/24 21:22	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.37	ug/L			10/07/24 21:22	1
Trichloroethene	1.0	U	1.0	0.46	ug/L			10/07/24 21:22	1
Trichlorofluoromethane	1.0	U	1.0	0.88	ug/L			10/07/24 21:22	1
Vinyl chloride	1.0	U	1.0	0.90	ug/L			10/07/24 21:22	1
Xylenes, Total	2.0	U	2.0	0.66	ug/L			10/07/24 21:22	1

Client: EHS Support, LLC
Job ID: 480-224025-1
Project/Site: Ashland Lee Ave. Railroad - Norwich,NY

Client Sample ID: LARW-11-1
Lab Sample ID: 480-224025-1
Date Collected: 10/02/24 11:25
Matrix: Water
Date Received: 10/03/24 10:20

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Tentatively Identified Compound	None		ug/L			N/A		10/07/24 21:22	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	98		80 - 120		10/07/24 21:22	1
1,2-Dichloroethane-d4 (Surr)	97		77 - 120		10/07/24 21:22	1
4-Bromofluorobenzene (Surr)	95		73 - 120		10/07/24 21:22	1
Dibromofluoromethane (Surr)	90		75 - 123		10/07/24 21:22	1

Client: EHS Support, LLC
Job ID: 480-224025-1
Project/Site: Ashland Lee Ave. Railroad - Norwich,NY

Client Sample ID: LARW-11-3
Lab Sample ID: 480-224025-2
Date Collected: 10/01/24 12:55
Matrix: Water
Date Received: 10/03/24 10:20

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.0	U	1.0	0.82	ug/L			10/07/24 21:45	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.21	ug/L			10/07/24 21:45	1
1,1,2-Trichloroethane	1.0	U	1.0	0.23	ug/L			10/07/24 21:45	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.31	ug/L			10/07/24 21:45	1
1,1-Dichloroethane	**1.9**		1.0	0.38	ug/L			10/07/24 21:45	1
1,1-Dichloroethene	1.0	U	1.0	0.29	ug/L			10/07/24 21:45	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.41	ug/L			10/07/24 21:45	1
1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.39	ug/L			10/07/24 21:45	1
1,2-Dichlorobenzene	1.0	U	1.0	0.79	ug/L			10/07/24 21:45	1
1,2-Dichloroethane	1.0	U	1.0	0.21	ug/L			10/07/24 21:45	1
1,2-Dichloropropane	1.0	U	1.0	0.72	ug/L			10/07/24 21:45	1
1,3-Dichlorobenzene	1.0	U	1.0	0.78	ug/L			10/07/24 21:45	1
1,4-Dichlorobenzene	1.0	U	1.0	0.84	ug/L			10/07/24 21:45	1
2-Butanone (MEK)	10	U	10	1.3	ug/L			10/07/24 21:45	1
2-Hexanone	5.0	U	5.0	1.2	ug/L			10/07/24 21:45	1
4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	2.1	ug/L			10/07/24 21:45	1
Acetone	10	U	10	3.0	ug/L			10/07/24 21:45	1
Benzene	1.0	U	1.0	0.41	ug/L			10/07/24 21:45	1
Bromodichloromethane	1.0	U	1.0	0.39	ug/L			10/07/24 21:45	1
Bromoform	1.0	U	1.0	0.26	ug/L			10/07/24 21:45	1
Bromomethane	1.0	U	1.0	0.69	ug/L			10/07/24 21:45	1
Carbon disulfide	1.0	U	1.0	0.19	ug/L			10/07/24 21:45	1
Carbon tetrachloride	1.0	U	1.0	0.27	ug/L			10/07/24 21:45	1
Chlorobenzene	1.0	U	1.0	0.75	ug/L			10/07/24 21:45	1
Dibromochloromethane	1.0	U	1.0	0.32	ug/L			10/07/24 21:45	1
Chloroethane	1.0	U	1.0	0.32	ug/L			10/07/24 21:45	1
Chloroform	1.0	U	1.0	0.34	ug/L			10/07/24 21:45	1
Chloromethane	1.0	U	1.0	0.35	ug/L			10/07/24 21:45	1
cis-1,2-Dichloroethene	**0.83**	**J**	1.0	0.81	ug/L			10/07/24 21:45	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.36	ug/L			10/07/24 21:45	1
Cyclohexane	1.0	U	1.0	0.18	ug/L			10/07/24 21:45	1
Dichlorodifluoromethane	1.0	U	1.0	0.68	ug/L			10/07/24 21:45	1
Ethylbenzene	1.0	U	1.0	0.74	ug/L			10/07/24 21:45	1
1,2-Dibromoethane	1.0	U	1.0	0.73	ug/L			10/07/24 21:45	1
Isopropylbenzene	1.0	U	1.0	0.79	ug/L			10/07/24 21:45	1
Methyl acetate	2.5	U	2.5	1.3	ug/L			10/07/24 21:45	1
Methyl tert-butyl ether	1.0	U	1.0	0.16	ug/L			10/07/24 21:45	1
Methylcyclohexane	1.0	U	1.0	0.16	ug/L			10/07/24 21:45	1
Methylene Chloride	1.0	U	1.0	0.44	ug/L			10/07/24 21:45	1
Styrene	1.0	U	1.0	0.73	ug/L			10/07/24 21:45	1
Tetrachloroethene	1.0	U	1.0	0.36	ug/L			10/07/24 21:45	1
Toluene	1.0	U	1.0	0.51	ug/L			10/07/24 21:45	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.90	ug/L			10/07/24 21:45	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.37	ug/L			10/07/24 21:45	1
Trichloroethene	1.0	U	1.0	0.46	ug/L			10/07/24 21:45	1
Trichlorofluoromethane	1.0	U	1.0	0.88	ug/L			10/07/24 21:45	1
Vinyl chloride	1.0	U	1.0	0.90	ug/L			10/07/24 21:45	1
Xylenes, Total	2.0	U	2.0	0.66	ug/L			10/07/24 21:45	1

Client: EHS Support, LLC
Job ID: 480-224025-1
Project/Site: Ashland Lee Ave. Railroad - Norwich,NY

Client Sample ID: LARW-11-3
Lab Sample ID: 480-224025-2
Date Collected: 10/01/24 12:55
Matrix: Water
Date Received: 10/03/24 10:20

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Unknown	2.6	J	ug/L		6.30	N/A		10/07/24 21:45	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	99		80 - 120		10/07/24 21:45	1
1,2-Dichloroethane-d4 (Surr)	108		77 - 120		10/07/24 21:45	1
4-Bromofluorobenzene (Surr)	104		73 - 120		10/07/24 21:45	1
Dibromofluoromethane (Surr)	113		75 - 123		10/07/24 21:45	1

Client: EHS Support, LLC
Project/Site: Ashland Lee Ave. Railroad - Norwich,NY

Job ID: 480-224025-1

Client Sample ID: LARW-11-2
Date Collected: 10/01/24 13:42
Date Received: 10/03/24 10:20

Lab Sample ID: 480-224025-3
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	20	U	20	16	ug/L			10/07/24 22:08	20
1,1,2,2-Tetrachloroethane	20	U	20	4.2	ug/L			10/07/24 22:08	20
1,1,2-Trichloroethane	20	U	20	4.6	ug/L			10/07/24 22:08	20
1,1,2-Trichloro-1,2,2-trifluoroethane	20	U	20	6.2	ug/L			10/07/24 22:08	20
1,1-Dichloroethane	20	U	20	7.6	ug/L			10/07/24 22:08	20
1,1-Dichloroethene	20	U	20	5.8	ug/L			10/07/24 22:08	20
1,2,4-Trichlorobenzene	20	U	20	8.2	ug/L			10/07/24 22:08	20
1,2-Dibromo-3-Chloropropane	20	U	20	7.8	ug/L			10/07/24 22:08	20
1,2-Dichlorobenzene	20	U	20	16	ug/L			10/07/24 22:08	20
1,2-Dichloroethane	20	U	20	4.2	ug/L			10/07/24 22:08	20
1,2-Dichloropropane	20	U	20	14	ug/L			10/07/24 22:08	20
1,3-Dichlorobenzene	20	U	20	16	ug/L			10/07/24 22:08	20
1,4-Dichlorobenzene	20	U	20	17	ug/L			10/07/24 22:08	20
2-Butanone (MEK)	200	U	200	26	ug/L			10/07/24 22:08	20
2-Hexanone	100	U	100	25	ug/L			10/07/24 22:08	20
4-Methyl-2-pentanone (MIBK)	100	U	100	42	ug/L			10/07/24 22:08	20
Acetone	200	U	200	60	ug/L			10/07/24 22:08	20
Benzene	20	U	20	8.2	ug/L			10/07/24 22:08	20
Bromodichloromethane	20	U	20	7.8	ug/L			10/07/24 22:08	20
Bromoform	20	U	20	5.2	ug/L			10/07/24 22:08	20
Bromomethane	20	U	20	14	ug/L			10/07/24 22:08	20
Carbon disulfide	20	U	20	3.8	ug/L			10/07/24 22:08	20
Carbon tetrachloride	20	U	20	5.4	ug/L			10/07/24 22:08	20
Chlorobenzene	20	U	20	15	ug/L			10/07/24 22:08	20
Dibromochloromethane	20	U	20	6.4	ug/L			10/07/24 22:08	20
Chloroethane	20	U	20	6.4	ug/L			10/07/24 22:08	20
Chloroform	20	U	20	6.8	ug/L			10/07/24 22:08	20
Chloromethane	20	U	20	7.0	ug/L			10/07/24 22:08	20
cis-1,2-Dichloroethene	**2000**		20	16	ug/L			10/07/24 22:08	20
cis-1,3-Dichloropropene	20	U	20	7.2	ug/L			10/07/24 22:08	20
Cyclohexane	20	U	20	3.6	ug/L			10/07/24 22:08	20
Dichlorodifluoromethane	20	U	20	14	ug/L			10/07/24 22:08	20
Ethylbenzene	20	U	20	15	ug/L			10/07/24 22:08	20
1,2-Dibromoethane	20	U	20	15	ug/L			10/07/24 22:08	20
Isopropylbenzene	20	U	20	16	ug/L			10/07/24 22:08	20
Methyl acetate	50	U	50	26	ug/L			10/07/24 22:08	20
Methyl tert-butyl ether	20	U	20	3.2	ug/L			10/07/24 22:08	20
Methylcyclohexane	20	U	20	3.2	ug/L			10/07/24 22:08	20
Methylene Chloride	20	U	20	8.8	ug/L			10/07/24 22:08	20
Styrene	20	U	20	15	ug/L			10/07/24 22:08	20
Tetrachloroethene	**160**		20	7.2	ug/L			10/07/24 22:08	20
Toluene	20	U	20	10	ug/L			10/07/24 22:08	20
trans-1,2-Dichloroethene	20	U	20	18	ug/L			10/07/24 22:08	20
trans-1,3-Dichloropropene	20	U	20	7.4	ug/L			10/07/24 22:08	20
Trichloroethene	**320**		20	9.2	ug/L			10/07/24 22:08	20
Trichlorofluoromethane	20	U	20	18	ug/L			10/07/24 22:08	20
Vinyl chloride	**100**		20	18	ug/L			10/07/24 22:08	20
Xylenes, Total	40	U	40	13	ug/L			10/07/24 22:08	20

Client: EHS Support, LLC
Job ID: 480-224025-1
Project/Site: Ashland Lee Ave. Railroad - Norwich,NY

Client Sample ID: LARW-11-2
Lab Sample ID: 480-224025-3
Date Collected: 10/01/24 13:42
Matrix: Water
Date Received: 10/03/24 10:20

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Tentatively Identified Compound	None		ug/L			N/A		10/07/24 22:08	20

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	104		80 - 120		10/07/24 22:08	20
1,2-Dichloroethane-d4 (Surr)	104		77 - 120		10/07/24 22:08	20
4-Bromofluorobenzene (Surr)	102		73 - 120		10/07/24 22:08	20
Dibromofluoromethane (Surr)	105		75 - 123		10/07/24 22:08	20

Client: EHS Support, LLC
Project/Site: Ashland Lee Ave. Railroad - Norwich,NY

Job ID: 480-224025-1

Client Sample ID: MW-11R
Date Collected: 10/02/24 11:45
Date Received: 10/03/24 10:20

Lab Sample ID: 480-224025-4
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	40	U	40	33	ug/L			10/07/24 22:31	40
1,1,2,2-Tetrachloroethane	40	U	40	8.4	ug/L			10/07/24 22:31	40
1,1,2-Trichloroethane	40	U	40	9.2	ug/L			10/07/24 22:31	40
1,1,2-Trichloro-1,2,2-trifluoroethane	40	U	40	12	ug/L			10/07/24 22:31	40
1,1-Dichloroethane	**150**		40	15	ug/L			10/07/24 22:31	40
1,1-Dichloroethene	40	U	40	12	ug/L			10/07/24 22:31	40
1,2,4-Trichlorobenzene	40	U	40	16	ug/L			10/07/24 22:31	40
1,2-Dibromo-3-Chloropropane	40	U	40	16	ug/L			10/07/24 22:31	40
1,2-Dichlorobenzene	40	U	40	32	ug/L			10/07/24 22:31	40
1,2-Dichloroethane	40	U	40	8.4	ug/L			10/07/24 22:31	40
1,2-Dichloropropane	40	U	40	29	ug/L			10/07/24 22:31	40
1,3-Dichlorobenzene	40	U	40	31	ug/L			10/07/24 22:31	40
1,4-Dichlorobenzene	40	U	40	34	ug/L			10/07/24 22:31	40
2-Butanone (MEK)	400	U	400	53	ug/L			10/07/24 22:31	40
2-Hexanone	200	U	200	50	ug/L			10/07/24 22:31	40
4-Methyl-2-pentanone (MIBK)	200	U	200	84	ug/L			10/07/24 22:31	40
Acetone	400	U	400	120	ug/L			10/07/24 22:31	40
Benzene	40	U	40	16	ug/L			10/07/24 22:31	40
Bromodichloromethane	40	U	40	16	ug/L			10/07/24 22:31	40
Bromoform	40	U	40	10	ug/L			10/07/24 22:31	40
Bromomethane	40	U	40	28	ug/L			10/07/24 22:31	40
Carbon disulfide	40	U	40	7.6	ug/L			10/07/24 22:31	40
Carbon tetrachloride	40	U	40	11	ug/L			10/07/24 22:31	40
Chlorobenzene	40	U	40	30	ug/L			10/07/24 22:31	40
Dibromochloromethane	40	U	40	13	ug/L			10/07/24 22:31	40
Chloroethane	40	U	40	13	ug/L			10/07/24 22:31	40
Chloroform	40	U	40	14	ug/L			10/07/24 22:31	40
Chloromethane	40	U	40	14	ug/L			10/07/24 22:31	40
cis-1,2-Dichloroethene	**120**		40	32	ug/L			10/07/24 22:31	40
cis-1,3-Dichloropropene	40	U	40	14	ug/L			10/07/24 22:31	40
Cyclohexane	40	U	40	7.2	ug/L			10/07/24 22:31	40
Dichlorodifluoromethane	40	U	40	27	ug/L			10/07/24 22:31	40
Ethylbenzene	40	U	40	30	ug/L			10/07/24 22:31	40
1,2-Dibromoethane	40	U	40	29	ug/L			10/07/24 22:31	40
Isopropylbenzene	40	U	40	32	ug/L			10/07/24 22:31	40
Methyl acetate	100	U	100	52	ug/L			10/07/24 22:31	40
Methyl tert-butyl ether	40	U	40	6.4	ug/L			10/07/24 22:31	40
Methylcyclohexane	40	U	40	6.4	ug/L			10/07/24 22:31	40
Methylene Chloride	40	U	40	18	ug/L			10/07/24 22:31	40
Styrene	40	U	40	29	ug/L			10/07/24 22:31	40
Tetrachloroethene	40	U	40	14	ug/L			10/07/24 22:31	40
Toluene	40	U	40	20	ug/L			10/07/24 22:31	40
trans-1,2-Dichloroethene	40	U	40	36	ug/L			10/07/24 22:31	40
trans-1,3-Dichloropropene	40	U	40	15	ug/L			10/07/24 22:31	40
Trichloroethene	**34**	**J**	40	18	ug/L			10/07/24 22:31	40
Trichlorofluoromethane	40	U	40	35	ug/L			10/07/24 22:31	40
Vinyl chloride	**63**		40	36	ug/L			10/07/24 22:31	40
Xylenes, Total	80	U	80	26	ug/L			10/07/24 22:31	40

Client: EHS Support, LLC
Job ID: 480-224025-1
Project/Site: Ashland Lee Ave. Railroad - Norwich,NY

Client Sample ID: MW-11R
Lab Sample ID: 480-224025-4
Date Collected: 10/02/24 11:45
Matrix: Water
Date Received: 10/03/24 10:20

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Tentatively Identified Compound	None		ug/L			N/A		10/07/24 22:31	40

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	103		80 - 120		10/07/24 22:31	40
1,2-Dichloroethane-d4 (Surr)	105		77 - 120		10/07/24 22:31	40
4-Bromofluorobenzene (Surr)	96		73 - 120		10/07/24 22:31	40
Dibromofluoromethane (Surr)	97		75 - 123		10/07/24 22:31	40

Client: EHS Support, LLC
Project/Site: Ashland Lee Ave. Railroad - Norwich,NY

Job ID: 480-224025-1

Client Sample ID: URS-3R
Date Collected: 10/01/24 15:33
Date Received: 10/03/24 10:20

Lab Sample ID: 480-224025-5
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	200	U	200	160	ug/L			10/08/24 19:08	200
1,1,2,2-Tetrachloroethane	200	U	200	42	ug/L			10/08/24 19:08	200
1,1,2-Trichloroethane	200	U	200	46	ug/L			10/08/24 19:08	200
1,1,2-Trichloro-1,2,2-trifluoroethane	200	U	200	62	ug/L			10/08/24 19:08	200
1,1-Dichloroethane	**430**		200	76	ug/L			10/08/24 19:08	200
1,1-Dichloroethene	200	U	200	58	ug/L			10/08/24 19:08	200
1,2,4-Trichlorobenzene	200	U	200	82	ug/L			10/08/24 19:08	200
1,2-Dibromo-3-Chloropropane	200	U	200	78	ug/L			10/08/24 19:08	200
1,2-Dichlorobenzene	200	U	200	160	ug/L			10/08/24 19:08	200
1,2-Dichloroethane	200	U	200	42	ug/L			10/08/24 19:08	200
1,2-Dichloropropane	200	U	200	140	ug/L			10/08/24 19:08	200
1,3-Dichlorobenzene	200	U	200	160	ug/L			10/08/24 19:08	200
1,4-Dichlorobenzene	200	U	200	170	ug/L			10/08/24 19:08	200
2-Butanone (MEK)	2000	U	2000	260	ug/L			10/08/24 19:08	200
2-Hexanone	1000	U	1000	250	ug/L			10/08/24 19:08	200
4-Methyl-2-pentanone (MIBK)	1000	U	1000	420	ug/L			10/08/24 19:08	200
Acetone	2000	U	2000	600	ug/L			10/08/24 19:08	200
Benzene	200	U	200	82	ug/L			10/08/24 19:08	200
Bromodichloromethane	200	U	200	78	ug/L			10/08/24 19:08	200
Bromoform	200	U	200	52	ug/L			10/08/24 19:08	200
Bromomethane	200	U	200	140	ug/L			10/08/24 19:08	200
Carbon disulfide	200	U	200	38	ug/L			10/08/24 19:08	200
Carbon tetrachloride	200	U	200	54	ug/L			10/08/24 19:08	200
Chlorobenzene	200	U	200	150	ug/L			10/08/24 19:08	200
Dibromochloromethane	200	U	200	64	ug/L			10/08/24 19:08	200
Chloroethane	200	U	200	64	ug/L			10/08/24 19:08	200
Chloroform	200	U	200	68	ug/L			10/08/24 19:08	200
Chloromethane	200	U	200	70	ug/L			10/08/24 19:08	200
cis-1,2-Dichloroethene	**9800**		200	160	ug/L			10/08/24 19:08	200
cis-1,3-Dichloropropene	200	U	200	72	ug/L			10/08/24 19:08	200
Cyclohexane	200	U	200	36	ug/L			10/08/24 19:08	200
Dichlorodifluoromethane	200	U	200	140	ug/L			10/08/24 19:08	200
Ethylbenzene	200	U	200	150	ug/L			10/08/24 19:08	200
1,2-Dibromoethane	200	U	200	150	ug/L			10/08/24 19:08	200
Isopropylbenzene	200	U	200	160	ug/L			10/08/24 19:08	200
Methyl acetate	500	U	500	260	ug/L			10/08/24 19:08	200
Methyl tert-butyl ether	200	U	200	32	ug/L			10/08/24 19:08	200
Methylcyclohexane	200	U	200	32	ug/L			10/08/24 19:08	200
Methylene Chloride	200	U	200	88	ug/L			10/08/24 19:08	200
Styrene	200	U	200	150	ug/L			10/08/24 19:08	200
Tetrachloroethene	200	U	200	72	ug/L			10/08/24 19:08	200
Toluene	200	U	200	100	ug/L			10/08/24 19:08	200
trans-1,2-Dichloroethene	200	U	200	180	ug/L			10/08/24 19:08	200
trans-1,3-Dichloropropene	200	U	200	74	ug/L			10/08/24 19:08	200
Trichloroethene	**2200**		200	92	ug/L			10/08/24 19:08	200
Trichlorofluoromethane	200	U	200	180	ug/L			10/08/24 19:08	200
Vinyl chloride	**6600**		200	180	ug/L			10/08/24 19:08	200
Xylenes, Total	400	U	400	130	ug/L			10/08/24 19:08	200

Client: EHS Support, LLC
Job ID: 480-224025-1
Project/Site: Ashland Lee Ave. Railroad - Norwich,NY

Client Sample ID: URS-3R
Lab Sample ID: 480-224025-5
Date Collected: 10/01/24 15:33
Matrix: Water
Date Received: 10/03/24 10:20

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Tentatively Identified Compound	None		ug/L			N/A		10/08/24 19:08	200

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	93		80 - 120		10/08/24 19:08	200
1,2-Dichloroethane-d4 (Surr)	90		77 - 120		10/08/24 19:08	200
4-Bromofluorobenzene (Surr)	100		73 - 120		10/08/24 19:08	200
Dibromofluoromethane (Surr)	87		75 - 123		10/08/24 19:08	200

Client: EHS Support, LLC
Project/Site: Ashland Lee Ave. Railroad - Norwich,NY

Job ID: 480-224025-1

Client Sample ID: MW-10R
Date Collected: 10/01/24 14:50
Date Received: 10/03/24 10:20

Lab Sample ID: 480-224025-6
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.0	U	1.0	0.82	ug/L			10/08/24 01:39	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.21	ug/L			10/08/24 01:39	1
1,1,2-Trichloroethane	1.0	U	1.0	0.23	ug/L			10/08/24 01:39	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.31	ug/L			10/08/24 01:39	1
1,1-Dichloroethane	1.0	U	1.0	0.38	ug/L			10/08/24 01:39	1
1,1-Dichloroethene	1.0	U	1.0	0.29	ug/L			10/08/24 01:39	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.41	ug/L			10/08/24 01:39	1
1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.39	ug/L			10/08/24 01:39	1
1,2-Dichlorobenzene	1.0	U	1.0	0.79	ug/L			10/08/24 01:39	1
1,2-Dichloroethane	1.0	U	1.0	0.21	ug/L			10/08/24 01:39	1
1,2-Dichloropropane	1.0	U	1.0	0.72	ug/L			10/08/24 01:39	1
1,3-Dichlorobenzene	1.0	U	1.0	0.78	ug/L			10/08/24 01:39	1
1,4-Dichlorobenzene	1.0	U	1.0	0.84	ug/L			10/08/24 01:39	1
2-Butanone (MEK)	10	U	10	1.3	ug/L			10/08/24 01:39	1
2-Hexanone	5.0	U	5.0	1.2	ug/L			10/08/24 01:39	1
4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	2.1	ug/L			10/08/24 01:39	1
Acetone	10	U	10	3.0	ug/L			10/08/24 01:39	1
Benzene	1.0	U	1.0	0.41	ug/L			10/08/24 01:39	1
Bromodichloromethane	1.0	U	1.0	0.39	ug/L			10/08/24 01:39	1
Bromoform	1.0	U	1.0	0.26	ug/L			10/08/24 01:39	1
Bromomethane	1.0	U	1.0	0.69	ug/L			10/08/24 01:39	1
Carbon disulfide	1.0	U	1.0	0.19	ug/L			10/08/24 01:39	1
Carbon tetrachloride	1.0	U	1.0	0.27	ug/L			10/08/24 01:39	1
Chlorobenzene	1.0	U	1.0	0.75	ug/L			10/08/24 01:39	1
Dibromochloromethane	1.0	U	1.0	0.32	ug/L			10/08/24 01:39	1
Chloroethane	1.0	U	1.0	0.32	ug/L			10/08/24 01:39	1
Chloroform	1.0	U	1.0	0.34	ug/L			10/08/24 01:39	1
Chloromethane	1.0	U	1.0	0.35	ug/L			10/08/24 01:39	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.81	ug/L			10/08/24 01:39	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.36	ug/L			10/08/24 01:39	1
Cyclohexane	1.0	U	1.0	0.18	ug/L			10/08/24 01:39	1
Dichlorodifluoromethane	1.0	U	1.0	0.68	ug/L			10/08/24 01:39	1
Ethylbenzene	1.0	U	1.0	0.74	ug/L			10/08/24 01:39	1
1,2-Dibromoethane	1.0	U	1.0	0.73	ug/L			10/08/24 01:39	1
Isopropylbenzene	1.0	U	1.0	0.79	ug/L			10/08/24 01:39	1
Methyl acetate	2.5	U	2.5	1.3	ug/L			10/08/24 01:39	1
Methyl tert-butyl ether	1.0	U	1.0	0.16	ug/L			10/08/24 01:39	1
Methylcyclohexane	1.0	U	1.0	0.16	ug/L			10/08/24 01:39	1
Methylene Chloride	1.0	U	1.0	0.44	ug/L			10/08/24 01:39	1
Styrene	1.0	U	1.0	0.73	ug/L			10/08/24 01:39	1
Tetrachloroethene	1.0	U	1.0	0.36	ug/L			10/08/24 01:39	1
Toluene	1.0	U	1.0	0.51	ug/L			10/08/24 01:39	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.90	ug/L			10/08/24 01:39	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.37	ug/L			10/08/24 01:39	1
Trichloroethene	1.0	U	1.0	0.46	ug/L			10/08/24 01:39	1
Trichlorofluoromethane	1.0	U	1.0	0.88	ug/L			10/08/24 01:39	1
Vinyl chloride	1.0	U	1.0	0.90	ug/L			10/08/24 01:39	1
Xylenes, Total	2.0	U	2.0	0.66	ug/L			10/08/24 01:39	1

Client: EHS Support, LLC
Job ID: 480-224025-1
Project/Site: Ashland Lee Ave. Railroad - Norwich,NY

Client Sample ID: MW-10R
Lab Sample ID: 480-224025-6
Date Collected: 10/01/24 14:50
Matrix: Water
Date Received: 10/03/24 10:20

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Unknown	30	J	ug/L		1.55	N/A		10/08/24 01:39	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	99		80 - 120		10/08/24 01:39	1
1,2-Dichloroethane-d4 (Surr)	105		77 - 120		10/08/24 01:39	1
4-Bromofluorobenzene (Surr)	101		73 - 120		10/08/24 01:39	1
Dibromofluoromethane (Surr)	108		75 - 123		10/08/24 01:39	1

Client: EHS Support, LLC
Project/Site: Ashland Lee Ave. Railroad - Norwich,NY

Job ID: 480-224025-1

Client Sample ID: MW-7
Date Collected: 10/02/24 09:52
Date Received: 10/03/24 10:20

Lab Sample ID: 480-224025-7
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.0	U	1.0	0.82	ug/L			10/08/24 02:03	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.21	ug/L			10/08/24 02:03	1
1,1,2-Trichloroethane	1.0	U	1.0	0.23	ug/L			10/08/24 02:03	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.31	ug/L			10/08/24 02:03	1
1,1-Dichloroethane	1.0	U	1.0	0.38	ug/L			10/08/24 02:03	1
1,1-Dichloroethene	1.0	U	1.0	0.29	ug/L			10/08/24 02:03	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.41	ug/L			10/08/24 02:03	1
1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.39	ug/L			10/08/24 02:03	1
1,2-Dichlorobenzene	1.0	U	1.0	0.79	ug/L			10/08/24 02:03	1
1,2-Dichloroethane	1.0	U	1.0	0.21	ug/L			10/08/24 02:03	1
1,2-Dichloropropane	1.0	U	1.0	0.72	ug/L			10/08/24 02:03	1
1,3-Dichlorobenzene	1.0	U	1.0	0.78	ug/L			10/08/24 02:03	1
1,4-Dichlorobenzene	1.0	U	1.0	0.84	ug/L			10/08/24 02:03	1
2-Butanone (MEK)	10	U	10	1.3	ug/L			10/08/24 02:03	1
2-Hexanone	5.0	U	5.0	1.2	ug/L			10/08/24 02:03	1
4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	2.1	ug/L			10/08/24 02:03	1
Acetone	10	U	10	3.0	ug/L			10/08/24 02:03	1
Benzene	1.0	U	1.0	0.41	ug/L			10/08/24 02:03	1
Bromodichloromethane	1.0	U	1.0	0.39	ug/L			10/08/24 02:03	1
Bromoform	1.0	U	1.0	0.26	ug/L			10/08/24 02:03	1
Bromomethane	1.0	U	1.0	0.69	ug/L			10/08/24 02:03	1
Carbon disulfide	1.0	U	1.0	0.19	ug/L			10/08/24 02:03	1
Carbon tetrachloride	1.0	U	1.0	0.27	ug/L			10/08/24 02:03	1
Chlorobenzene	1.0	U	1.0	0.75	ug/L			10/08/24 02:03	1
Dibromochloromethane	1.0	U	1.0	0.32	ug/L			10/08/24 02:03	1
Chloroethane	1.0	U	1.0	0.32	ug/L			10/08/24 02:03	1
Chloroform	1.0	U	1.0	0.34	ug/L			10/08/24 02:03	1
Chloromethane	1.0	U	1.0	0.35	ug/L			10/08/24 02:03	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.81	ug/L			10/08/24 02:03	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.36	ug/L			10/08/24 02:03	1
Cyclohexane	1.0	U	1.0	0.18	ug/L			10/08/24 02:03	1
Dichlorodifluoromethane	1.0	U	1.0	0.68	ug/L			10/08/24 02:03	1
Ethylbenzene	1.0	U	1.0	0.74	ug/L			10/08/24 02:03	1
1,2-Dibromoethane	1.0	U	1.0	0.73	ug/L			10/08/24 02:03	1
Isopropylbenzene	1.0	U	1.0	0.79	ug/L			10/08/24 02:03	1
Methyl acetate	2.5	U	2.5	1.3	ug/L			10/08/24 02:03	1
Methyl tert-butyl ether	1.0	U	1.0	0.16	ug/L			10/08/24 02:03	1
Methylcyclohexane	1.0	U	1.0	0.16	ug/L			10/08/24 02:03	1
Methylene Chloride	1.0	U	1.0	0.44	ug/L			10/08/24 02:03	1
Styrene	1.0	U	1.0	0.73	ug/L			10/08/24 02:03	1
Tetrachloroethene	1.0	U	1.0	0.36	ug/L			10/08/24 02:03	1
Toluene	1.0	U	1.0	0.51	ug/L			10/08/24 02:03	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.90	ug/L			10/08/24 02:03	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.37	ug/L			10/08/24 02:03	1
Trichloroethene	1.0	U	1.0	0.46	ug/L			10/08/24 02:03	1
Trichlorofluoromethane	1.0	U	1.0	0.88	ug/L			10/08/24 02:03	1
Vinyl chloride	1.0	U	1.0	0.90	ug/L			10/08/24 02:03	1
Xylenes, Total	2.0	U	2.0	0.66	ug/L			10/08/24 02:03	1

Client: EHS Support, LLC
Job ID: 480-224025-1
Project/Site: Ashland Lee Ave. Railroad - Norwich,NY

Client Sample ID: MW-7
Lab Sample ID: 480-224025-7
Date Collected: 10/02/24 09:52
Matrix: Water
Date Received: 10/03/24 10:20

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Unknown	15	J	ug/L		1.54	N/A		10/08/24 02:03	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	99		80 - 120		10/08/24 02:03	1
1,2-Dichloroethane-d4 (Surr)	99		77 - 120		10/08/24 02:03	1
4-Bromofluorobenzene (Surr)	100		73 - 120		10/08/24 02:03	1
Dibromofluoromethane (Surr)	106		75 - 123		10/08/24 02:03	1

Client: EHS Support, LLC
Project/Site: Ashland Lee Ave. Railroad - Norwich,NY

Job ID: 480-224025-1

Client Sample ID: MW-8
Date Collected: 10/02/24 09:18
Date Received: 10/03/24 10:20

Lab Sample ID: 480-224025-8
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.0	U	1.0	0.82	ug/L			10/08/24 02:27	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.21	ug/L			10/08/24 02:27	1
1,1,2-Trichloroethane	1.0	U	1.0	0.23	ug/L			10/08/24 02:27	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.31	ug/L			10/08/24 02:27	1
1,1-Dichloroethane	1.0	U	1.0	0.38	ug/L			10/08/24 02:27	1
1,1-Dichloroethene	1.0	U	1.0	0.29	ug/L			10/08/24 02:27	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.41	ug/L			10/08/24 02:27	1
1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.39	ug/L			10/08/24 02:27	1
1,2-Dichlorobenzene	1.0	U	1.0	0.79	ug/L			10/08/24 02:27	1
1,2-Dichloroethane	1.0	U	1.0	0.21	ug/L			10/08/24 02:27	1
1,2-Dichloropropane	1.0	U	1.0	0.72	ug/L			10/08/24 02:27	1
1,3-Dichlorobenzene	1.0	U	1.0	0.78	ug/L			10/08/24 02:27	1
1,4-Dichlorobenzene	1.0	U	1.0	0.84	ug/L			10/08/24 02:27	1
2-Butanone (MEK)	10	U	10	1.3	ug/L			10/08/24 02:27	1
2-Hexanone	5.0	U	5.0	1.2	ug/L			10/08/24 02:27	1
4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	2.1	ug/L			10/08/24 02:27	1
Acetone	10	U	10	3.0	ug/L			10/08/24 02:27	1
Benzene	1.0	U	1.0	0.41	ug/L			10/08/24 02:27	1
Bromodichloromethane	1.0	U	1.0	0.39	ug/L			10/08/24 02:27	1
Bromoform	1.0	U	1.0	0.26	ug/L			10/08/24 02:27	1
Bromomethane	1.0	U	1.0	0.69	ug/L			10/08/24 02:27	1
Carbon disulfide	1.0	U	1.0	0.19	ug/L			10/08/24 02:27	1
Carbon tetrachloride	1.0	U	1.0	0.27	ug/L			10/08/24 02:27	1
Chlorobenzene	1.0	U	1.0	0.75	ug/L			10/08/24 02:27	1
Dibromochloromethane	1.0	U	1.0	0.32	ug/L			10/08/24 02:27	1
Chloroethane	1.0	U	1.0	0.32	ug/L			10/08/24 02:27	1
Chloroform	1.0	U	1.0	0.34	ug/L			10/08/24 02:27	1
Chloromethane	1.0	U	1.0	0.35	ug/L			10/08/24 02:27	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.81	ug/L			10/08/24 02:27	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.36	ug/L			10/08/24 02:27	1
Cyclohexane	1.0	U	1.0	0.18	ug/L			10/08/24 02:27	1
Dichlorodifluoromethane	1.0	U	1.0	0.68	ug/L			10/08/24 02:27	1
Ethylbenzene	1.0	U	1.0	0.74	ug/L			10/08/24 02:27	1
1,2-Dibromoethane	1.0	U	1.0	0.73	ug/L			10/08/24 02:27	1
Isopropylbenzene	1.0	U	1.0	0.79	ug/L			10/08/24 02:27	1
Methyl acetate	2.5	U	2.5	1.3	ug/L			10/08/24 02:27	1
Methyl tert-butyl ether	1.0	U	1.0	0.16	ug/L			10/08/24 02:27	1
Methylcyclohexane	1.0	U	1.0	0.16	ug/L			10/08/24 02:27	1
Methylene Chloride	1.0	U	1.0	0.44	ug/L			10/08/24 02:27	1
Styrene	1.0	U	1.0	0.73	ug/L			10/08/24 02:27	1
Tetrachloroethene	1.0	U	1.0	0.36	ug/L			10/08/24 02:27	1
Toluene	1.0	U	1.0	0.51	ug/L			10/08/24 02:27	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.90	ug/L			10/08/24 02:27	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.37	ug/L			10/08/24 02:27	1
Trichloroethene	**1.4**		1.0	0.46	ug/L			10/08/24 02:27	1
Trichlorofluoromethane	1.0	U	1.0	0.88	ug/L			10/08/24 02:27	1
Vinyl chloride	1.0	U	1.0	0.90	ug/L			10/08/24 02:27	1
Xylenes, Total	2.0	U	2.0	0.66	ug/L			10/08/24 02:27	1

Client: EHS Support, LLC
Job ID: 480-224025-1
Project/Site: Ashland Lee Ave. Railroad - Norwich,NY

Client Sample ID: MW-8
Lab Sample ID: 480-224025-8
Date Collected: 10/02/24 09:18
Matrix: Water
Date Received: 10/03/24 10:20

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Unknown	19	J	ug/L		1.54	N/A		10/08/24 02:27	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	100		80 - 120		10/08/24 02:27	1
1,2-Dichloroethane-d4 (Surr)	104		77 - 120		10/08/24 02:27	1
4-Bromofluorobenzene (Surr)	106		73 - 120		10/08/24 02:27	1
Dibromofluoromethane (Surr)	109		75 - 123		10/08/24 02:27	1

Client: EHS Support, LLC
Project/Site: Ashland Lee Ave. Railroad - Norwich,NY

Job ID: 480-224025-1

Client Sample ID: MW-9
Date Collected: 10/02/24 10:30
Date Received: 10/03/24 10:20

Lab Sample ID: 480-224025-9
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.0	U	1.0	0.82	ug/L			10/08/24 02:51	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.21	ug/L			10/08/24 02:51	1
1,1,2-Trichloroethane	1.0	U	1.0	0.23	ug/L			10/08/24 02:51	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.31	ug/L			10/08/24 02:51	1
1,1-Dichloroethane	1.0	U	1.0	0.38	ug/L			10/08/24 02:51	1
1,1-Dichloroethene	1.0	U	1.0	0.29	ug/L			10/08/24 02:51	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.41	ug/L			10/08/24 02:51	1
1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.39	ug/L			10/08/24 02:51	1
1,2-Dichlorobenzene	1.0	U	1.0	0.79	ug/L			10/08/24 02:51	1
1,2-Dichloroethane	1.0	U	1.0	0.21	ug/L			10/08/24 02:51	1
1,2-Dichloropropane	1.0	U	1.0	0.72	ug/L			10/08/24 02:51	1
1,3-Dichlorobenzene	1.0	U	1.0	0.78	ug/L			10/08/24 02:51	1
1,4-Dichlorobenzene	1.0	U	1.0	0.84	ug/L			10/08/24 02:51	1
2-Butanone (MEK)	10	U	10	1.3	ug/L			10/08/24 02:51	1
2-Hexanone	5.0	U	5.0	1.2	ug/L			10/08/24 02:51	1
4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	2.1	ug/L			10/08/24 02:51	1
Acetone	10	U	10	3.0	ug/L			10/08/24 02:51	1
Benzene	1.0	U	1.0	0.41	ug/L			10/08/24 02:51	1
Bromodichloromethane	1.0	U	1.0	0.39	ug/L			10/08/24 02:51	1
Bromoform	1.0	U	1.0	0.26	ug/L			10/08/24 02:51	1
Bromomethane	1.0	U	1.0	0.69	ug/L			10/08/24 02:51	1
Carbon disulfide	1.0	U	1.0	0.19	ug/L			10/08/24 02:51	1
Carbon tetrachloride	1.0	U	1.0	0.27	ug/L			10/08/24 02:51	1
Chlorobenzene	1.0	U	1.0	0.75	ug/L			10/08/24 02:51	1
Dibromochloromethane	1.0	U	1.0	0.32	ug/L			10/08/24 02:51	1
Chloroethane	1.0	U	1.0	0.32	ug/L			10/08/24 02:51	1
Chloroform	1.0	U	1.0	0.34	ug/L			10/08/24 02:51	1
Chloromethane	1.0	U	1.0	0.35	ug/L			10/08/24 02:51	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.81	ug/L			10/08/24 02:51	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.36	ug/L			10/08/24 02:51	1
Cyclohexane	1.0	U	1.0	0.18	ug/L			10/08/24 02:51	1
Dichlorodifluoromethane	1.0	U	1.0	0.68	ug/L			10/08/24 02:51	1
Ethylbenzene	1.0	U	1.0	0.74	ug/L			10/08/24 02:51	1
1,2-Dibromoethane	1.0	U	1.0	0.73	ug/L			10/08/24 02:51	1
Isopropylbenzene	1.0	U	1.0	0.79	ug/L			10/08/24 02:51	1
Methyl acetate	2.5	U	2.5	1.3	ug/L			10/08/24 02:51	1
Methyl tert-butyl ether	1.0	U	1.0	0.16	ug/L			10/08/24 02:51	1
Methylcyclohexane	1.0	U	1.0	0.16	ug/L			10/08/24 02:51	1
Methylene Chloride	1.0	U	1.0	0.44	ug/L			10/08/24 02:51	1
Styrene	1.0	U	1.0	0.73	ug/L			10/08/24 02:51	1
Tetrachloroethene	1.0	U	1.0	0.36	ug/L			10/08/24 02:51	1
Toluene	1.0	U	1.0	0.51	ug/L			10/08/24 02:51	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.90	ug/L			10/08/24 02:51	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.37	ug/L			10/08/24 02:51	1
Trichloroethene	**0.54**	**J**	1.0	0.46	ug/L			10/08/24 02:51	1
Trichlorofluoromethane	1.0	U	1.0	0.88	ug/L			10/08/24 02:51	1
Vinyl chloride	1.0	U	1.0	0.90	ug/L			10/08/24 02:51	1
Xylenes, Total	2.0	U	2.0	0.66	ug/L			10/08/24 02:51	1

Client: EHS Support, LLC
Job ID: 480-224025-1
Project/Site: Ashland Lee Ave. Railroad - Norwich,NY

Client Sample ID: MW-9
Lab Sample ID: 480-224025-9
Date Collected: 10/02/24 10:30
Matrix: Water
Date Received: 10/03/24 10:20

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Unknown	17	J	ug/L		1.54	N/A		10/08/24 02:51	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	101		80 - 120		10/08/24 02:51	1
1,2-Dichloroethane-d4 (Surr)	103		77 - 120		10/08/24 02:51	1
4-Bromofluorobenzene (Surr)	102		73 - 120		10/08/24 02:51	1
Dibromofluoromethane (Surr)	107		75 - 123		10/08/24 02:51	1

Client: EHS Support, LLC
Project/Site: Ashland Lee Ave. Railroad - Norwich,NY

Job ID: 480-224025-1

Client Sample ID: URS-7S
Date Collected: 10/02/24 15:22
Date Received: 10/03/24 10:20

Lab Sample ID: 480-224025-10
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.0	U	1.0	0.82	ug/L			10/08/24 03:16	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.21	ug/L			10/08/24 03:16	1
1,1,2-Trichloroethane	1.0	U	1.0	0.23	ug/L			10/08/24 03:16	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.31	ug/L			10/08/24 03:16	1
1,1-Dichloroethane	1.0	U	1.0	0.38	ug/L			10/08/24 03:16	1
1,1-Dichloroethene	1.0	U	1.0	0.29	ug/L			10/08/24 03:16	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.41	ug/L			10/08/24 03:16	1
1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.39	ug/L			10/08/24 03:16	1
1,2-Dichlorobenzene	1.0	U	1.0	0.79	ug/L			10/08/24 03:16	1
1,2-Dichloroethane	1.0	U	1.0	0.21	ug/L			10/08/24 03:16	1
1,2-Dichloropropane	1.0	U	1.0	0.72	ug/L			10/08/24 03:16	1
1,3-Dichlorobenzene	1.0	U	1.0	0.78	ug/L			10/08/24 03:16	1
1,4-Dichlorobenzene	1.0	U	1.0	0.84	ug/L			10/08/24 03:16	1
2-Butanone (MEK)	10	U	10	1.3	ug/L			10/08/24 03:16	1
2-Hexanone	5.0	U	5.0	1.2	ug/L			10/08/24 03:16	1
4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	2.1	ug/L			10/08/24 03:16	1
Acetone	10	U	10	3.0	ug/L			10/08/24 03:16	1
Benzene	1.0	U	1.0	0.41	ug/L			10/08/24 03:16	1
Bromodichloromethane	1.0	U	1.0	0.39	ug/L			10/08/24 03:16	1
Bromoform	1.0	U	1.0	0.26	ug/L			10/08/24 03:16	1
Bromomethane	1.0	U	1.0	0.69	ug/L			10/08/24 03:16	1
Carbon disulfide	1.0	U	1.0	0.19	ug/L			10/08/24 03:16	1
Carbon tetrachloride	1.0	U	1.0	0.27	ug/L			10/08/24 03:16	1
Chlorobenzene	1.0	U	1.0	0.75	ug/L			10/08/24 03:16	1
Dibromochloromethane	1.0	U	1.0	0.32	ug/L			10/08/24 03:16	1
Chloroethane	1.0	U	1.0	0.32	ug/L			10/08/24 03:16	1
Chloroform	1.0	U	1.0	0.34	ug/L			10/08/24 03:16	1
Chloromethane	1.0	U	1.0	0.35	ug/L			10/08/24 03:16	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.81	ug/L			10/08/24 03:16	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.36	ug/L			10/08/24 03:16	1
Cyclohexane	1.0	U	1.0	0.18	ug/L			10/08/24 03:16	1
Dichlorodifluoromethane	1.0	U	1.0	0.68	ug/L			10/08/24 03:16	1
Ethylbenzene	1.0	U	1.0	0.74	ug/L			10/08/24 03:16	1
1,2-Dibromoethane	1.0	U	1.0	0.73	ug/L			10/08/24 03:16	1
Isopropylbenzene	1.0	U	1.0	0.79	ug/L			10/08/24 03:16	1
Methyl acetate	2.5	U	2.5	1.3	ug/L			10/08/24 03:16	1
Methyl tert-butyl ether	1.0	U	1.0	0.16	ug/L			10/08/24 03:16	1
Methylcyclohexane	1.0	U	1.0	0.16	ug/L			10/08/24 03:16	1
Methylene Chloride	1.0	U	1.0	0.44	ug/L			10/08/24 03:16	1
Styrene	1.0	U	1.0	0.73	ug/L			10/08/24 03:16	1
Tetrachloroethene	1.0	U	1.0	0.36	ug/L			10/08/24 03:16	1
Toluene	1.0	U	1.0	0.51	ug/L			10/08/24 03:16	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.90	ug/L			10/08/24 03:16	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.37	ug/L			10/08/24 03:16	1
Trichloroethene	**0.91**	**J**	1.0	0.46	ug/L			10/08/24 03:16	1
Trichlorofluoromethane	1.0	U	1.0	0.88	ug/L			10/08/24 03:16	1
Vinyl chloride	1.0	U	1.0	0.90	ug/L			10/08/24 03:16	1
Xylenes, Total	2.0	U	2.0	0.66	ug/L			10/08/24 03:16	1

Client: EHS Support, LLC
Job ID: 480-224025-1
Project/Site: Ashland Lee Ave. Railroad - Norwich,NY

Client Sample ID: URS-7S
Lab Sample ID: 480-224025-10
Date Collected: 10/02/24 15:22
Matrix: Water
Date Received: 10/03/24 10:20

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Unknown	19	J	ug/L		1.54	N/A		10/08/24 03:16	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	103		80 - 120		10/08/24 03:16	1
1,2-Dichloroethane-d4 (Surr)	103		77 - 120		10/08/24 03:16	1
4-Bromofluorobenzene (Surr)	109		73 - 120		10/08/24 03:16	1
Dibromofluoromethane (Surr)	107		75 - 123		10/08/24 03:16	1

Client: EHS Support, LLC
Project/Site: Ashland Lee Ave. Railroad - Norwich,NY

Job ID: 480-224025-1

Client Sample ID: URS-9S
Date Collected: 10/02/24 13:25
Date Received: 10/03/24 10:20

Lab Sample ID: 480-224025-11
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.0	U	1.0	0.82	ug/L			10/08/24 03:40	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.21	ug/L			10/08/24 03:40	1
1,1,2-Trichloroethane	1.0	U	1.0	0.23	ug/L			10/08/24 03:40	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.31	ug/L			10/08/24 03:40	1
1,1-Dichloroethane	1.0	U	1.0	0.38	ug/L			10/08/24 03:40	1
1,1-Dichloroethene	1.0	U	1.0	0.29	ug/L			10/08/24 03:40	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.41	ug/L			10/08/24 03:40	1
1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.39	ug/L			10/08/24 03:40	1
1,2-Dichlorobenzene	1.0	U	1.0	0.79	ug/L			10/08/24 03:40	1
1,2-Dichloroethane	1.0	U	1.0	0.21	ug/L			10/08/24 03:40	1
1,2-Dichloropropane	1.0	U	1.0	0.72	ug/L			10/08/24 03:40	1
1,3-Dichlorobenzene	1.0	U	1.0	0.78	ug/L			10/08/24 03:40	1
1,4-Dichlorobenzene	1.0	U	1.0	0.84	ug/L			10/08/24 03:40	1
2-Butanone (MEK)	10	U	10	1.3	ug/L			10/08/24 03:40	1
2-Hexanone	5.0	U	5.0	1.2	ug/L			10/08/24 03:40	1
4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	2.1	ug/L			10/08/24 03:40	1
Acetone	10	U	10	3.0	ug/L			10/08/24 03:40	1
Benzene	1.0	U	1.0	0.41	ug/L			10/08/24 03:40	1
Bromodichloromethane	1.0	U	1.0	0.39	ug/L			10/08/24 03:40	1
Bromoform	1.0	U	1.0	0.26	ug/L			10/08/24 03:40	1
Bromomethane	1.0	U	1.0	0.69	ug/L			10/08/24 03:40	1
Carbon disulfide	1.0	U	1.0	0.19	ug/L			10/08/24 03:40	1
Carbon tetrachloride	1.0	U	1.0	0.27	ug/L			10/08/24 03:40	1
Chlorobenzene	1.0	U	1.0	0.75	ug/L			10/08/24 03:40	1
Dibromochloromethane	1.0	U	1.0	0.32	ug/L			10/08/24 03:40	1
Chloroethane	1.0	U	1.0	0.32	ug/L			10/08/24 03:40	1
Chloroform	1.0	U	1.0	0.34	ug/L			10/08/24 03:40	1
Chloromethane	1.0	U	1.0	0.35	ug/L			10/08/24 03:40	1
cis-1,2-Dichloroethene	**0.91**	**J**	1.0	0.81	ug/L			10/08/24 03:40	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.36	ug/L			10/08/24 03:40	1
Cyclohexane	1.0	U	1.0	0.18	ug/L			10/08/24 03:40	1
Dichlorodifluoromethane	1.0	U	1.0	0.68	ug/L			10/08/24 03:40	1
Ethylbenzene	1.0	U	1.0	0.74	ug/L			10/08/24 03:40	1
1,2-Dibromoethane	1.0	U	1.0	0.73	ug/L			10/08/24 03:40	1
Isopropylbenzene	1.0	U	1.0	0.79	ug/L			10/08/24 03:40	1
Methyl acetate	2.5	U	2.5	1.3	ug/L			10/08/24 03:40	1
Methyl tert-butyl ether	1.0	U	1.0	0.16	ug/L			10/08/24 03:40	1
Methylcyclohexane	1.0	U	1.0	0.16	ug/L			10/08/24 03:40	1
Methylene Chloride	1.0	U	1.0	0.44	ug/L			10/08/24 03:40	1
Styrene	1.0	U	1.0	0.73	ug/L			10/08/24 03:40	1
Tetrachloroethene	1.0	U	1.0	0.36	ug/L			10/08/24 03:40	1
Toluene	1.0	U	1.0	0.51	ug/L			10/08/24 03:40	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.90	ug/L			10/08/24 03:40	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.37	ug/L			10/08/24 03:40	1
Trichloroethene	**3.7**		1.0	0.46	ug/L			10/08/24 03:40	1
Trichlorofluoromethane	1.0	U	1.0	0.88	ug/L			10/08/24 03:40	1
Vinyl chloride	1.0	U	1.0	0.90	ug/L			10/08/24 03:40	1
Xylenes, Total	2.0	U	2.0	0.66	ug/L			10/08/24 03:40	1

Client: EHS Support, LLC
Job ID: 480-224025-1
Project/Site: Ashland Lee Ave. Railroad - Norwich,NY

Client Sample ID: URS-9S
Lab Sample ID: 480-224025-11
Date Collected: 10/02/24 13:25
Matrix: Water
Date Received: 10/03/24 10:20

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Unknown	26	J	ug/L		1.55	N/A		10/08/24 03:40	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	101		80 - 120		10/08/24 03:40	1
1,2-Dichloroethane-d4 (Surr)	104		77 - 120		10/08/24 03:40	1
4-Bromofluorobenzene (Surr)	104		73 - 120		10/08/24 03:40	1
Dibromofluoromethane (Surr)	111		75 - 123		10/08/24 03:40	1

Client: EHS Support, LLC
Project/Site: Ashland Lee Ave. Railroad - Norwich,NY

Job ID: 480-224025-1

Client Sample ID: URS-6I
Date Collected: 10/02/24 12:32
Date Received: 10/03/24 10:20

Lab Sample ID: 480-224025-12
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.0	U	1.0	0.82	ug/L			10/08/24 04:05	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.21	ug/L			10/08/24 04:05	1
1,1,2-Trichloroethane	1.0	U	1.0	0.23	ug/L			10/08/24 04:05	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.31	ug/L			10/08/24 04:05	1
1,1-Dichloroethane	1.0	U	1.0	0.38	ug/L			10/08/24 04:05	1
1,1-Dichloroethene	1.0	U	1.0	0.29	ug/L			10/08/24 04:05	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.41	ug/L			10/08/24 04:05	1
1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.39	ug/L			10/08/24 04:05	1
1,2-Dichlorobenzene	1.0	U	1.0	0.79	ug/L			10/08/24 04:05	1
1,2-Dichloroethane	1.0	U	1.0	0.21	ug/L			10/08/24 04:05	1
1,2-Dichloropropane	1.0	U	1.0	0.72	ug/L			10/08/24 04:05	1
1,3-Dichlorobenzene	1.0	U	1.0	0.78	ug/L			10/08/24 04:05	1
1,4-Dichlorobenzene	1.0	U	1.0	0.84	ug/L			10/08/24 04:05	1
2-Butanone (MEK)	10	U	10	1.3	ug/L			10/08/24 04:05	1
2-Hexanone	5.0	U	5.0	1.2	ug/L			10/08/24 04:05	1
4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	2.1	ug/L			10/08/24 04:05	1
Acetone	10	U	10	3.0	ug/L			10/08/24 04:05	1
Benzene	1.0	U	1.0	0.41	ug/L			10/08/24 04:05	1
Bromodichloromethane	1.0	U	1.0	0.39	ug/L			10/08/24 04:05	1
Bromoform	1.0	U	1.0	0.26	ug/L			10/08/24 04:05	1
Bromomethane	1.0	U	1.0	0.69	ug/L			10/08/24 04:05	1
Carbon disulfide	1.0	U	1.0	0.19	ug/L			10/08/24 04:05	1
Carbon tetrachloride	1.0	U	1.0	0.27	ug/L			10/08/24 04:05	1
Chlorobenzene	1.0	U	1.0	0.75	ug/L			10/08/24 04:05	1
Dibromochloromethane	1.0	U	1.0	0.32	ug/L			10/08/24 04:05	1
Chloroethane	1.0	U	1.0	0.32	ug/L			10/08/24 04:05	1
Chloroform	1.0	U	1.0	0.34	ug/L			10/08/24 04:05	1
Chloromethane	1.0	U	1.0	0.35	ug/L			10/08/24 04:05	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.81	ug/L			10/08/24 04:05	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.36	ug/L			10/08/24 04:05	1
Cyclohexane	1.0	U	1.0	0.18	ug/L			10/08/24 04:05	1
Dichlorodifluoromethane	1.0	U	1.0	0.68	ug/L			10/08/24 04:05	1
Ethylbenzene	1.0	U	1.0	0.74	ug/L			10/08/24 04:05	1
1,2-Dibromoethane	1.0	U	1.0	0.73	ug/L			10/08/24 04:05	1
Isopropylbenzene	1.0	U	1.0	0.79	ug/L			10/08/24 04:05	1
Methyl acetate	2.5	U	2.5	1.3	ug/L			10/08/24 04:05	1
Methyl tert-butyl ether	1.0	U	1.0	0.16	ug/L			10/08/24 04:05	1
Methylcyclohexane	1.0	U	1.0	0.16	ug/L			10/08/24 04:05	1
Methylene Chloride	1.0	U	1.0	0.44	ug/L			10/08/24 04:05	1
Styrene	1.0	U	1.0	0.73	ug/L			10/08/24 04:05	1
Tetrachloroethene	1.0	U	1.0	0.36	ug/L			10/08/24 04:05	1
Toluene	1.0	U	1.0	0.51	ug/L			10/08/24 04:05	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.90	ug/L			10/08/24 04:05	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.37	ug/L			10/08/24 04:05	1
Trichloroethene	1.0	U	1.0	0.46	ug/L			10/08/24 04:05	1
Trichlorofluoromethane	1.0	U	1.0	0.88	ug/L			10/08/24 04:05	1
Vinyl chloride	1.0	U	1.0	0.90	ug/L			10/08/24 04:05	1
Xylenes, Total	2.0	U	2.0	0.66	ug/L			10/08/24 04:05	1

Client: EHS Support, LLC
Job ID: 480-224025-1
Project/Site: Ashland Lee Ave. Railroad - Norwich,NY

Client Sample ID: URS-6I
Lab Sample ID: 480-224025-12
Date Collected: 10/02/24 12:32
Matrix: Water
Date Received: 10/03/24 10:20

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Unknown	28	J	ug/L		1.55	N/A		10/08/24 04:05	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	103		80 - 120		10/08/24 04:05	1
1,2-Dichloroethane-d4 (Surr)	103		77 - 120		10/08/24 04:05	1
4-Bromofluorobenzene (Surr)	107		73 - 120		10/08/24 04:05	1
Dibromofluoromethane (Surr)	113		75 - 123		10/08/24 04:05	1

Client: EHS Support, LLC
Project/Site: Ashland Lee Ave. Railroad - Norwich,NY

Job ID: 480-224025-1

Client Sample ID: URS-8S
Date Collected: 10/02/24 14:16
Date Received: 10/03/24 10:20

Lab Sample ID: 480-224025-13
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.0	U	1.0	0.82	ug/L			10/08/24 04:29	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.21	ug/L			10/08/24 04:29	1
1,1,2-Trichloroethane	1.0	U	1.0	0.23	ug/L			10/08/24 04:29	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.31	ug/L			10/08/24 04:29	1
1,1-Dichloroethane	1.0	U	1.0	0.38	ug/L			10/08/24 04:29	1
1,1-Dichloroethene	1.0	U	1.0	0.29	ug/L			10/08/24 04:29	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.41	ug/L			10/08/24 04:29	1
1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.39	ug/L			10/08/24 04:29	1
1,2-Dichlorobenzene	1.0	U	1.0	0.79	ug/L			10/08/24 04:29	1
1,2-Dichloroethane	1.0	U	1.0	0.21	ug/L			10/08/24 04:29	1
1,2-Dichloropropane	1.0	U	1.0	0.72	ug/L			10/08/24 04:29	1
1,3-Dichlorobenzene	1.0	U	1.0	0.78	ug/L			10/08/24 04:29	1
1,4-Dichlorobenzene	1.0	U	1.0	0.84	ug/L			10/08/24 04:29	1
2-Butanone (MEK)	10	U	10	1.3	ug/L			10/08/24 04:29	1
2-Hexanone	5.0	U	5.0	1.2	ug/L			10/08/24 04:29	1
4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	2.1	ug/L			10/08/24 04:29	1
Acetone	10	U	10	3.0	ug/L			10/08/24 04:29	1
Benzene	1.0	U	1.0	0.41	ug/L			10/08/24 04:29	1
Bromodichloromethane	1.0	U	1.0	0.39	ug/L			10/08/24 04:29	1
Bromoform	1.0	U	1.0	0.26	ug/L			10/08/24 04:29	1
Bromomethane	1.0	U	1.0	0.69	ug/L			10/08/24 04:29	1
Carbon disulfide	1.0	U	1.0	0.19	ug/L			10/08/24 04:29	1
Carbon tetrachloride	1.0	U	1.0	0.27	ug/L			10/08/24 04:29	1
Chlorobenzene	1.0	U	1.0	0.75	ug/L			10/08/24 04:29	1
Dibromochloromethane	1.0	U	1.0	0.32	ug/L			10/08/24 04:29	1
Chloroethane	1.0	U	1.0	0.32	ug/L			10/08/24 04:29	1
Chloroform	1.0	U	1.0	0.34	ug/L			10/08/24 04:29	1
Chloromethane	1.0	U	1.0	0.35	ug/L			10/08/24 04:29	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.81	ug/L			10/08/24 04:29	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.36	ug/L			10/08/24 04:29	1
Cyclohexane	1.0	U	1.0	0.18	ug/L			10/08/24 04:29	1
Dichlorodifluoromethane	1.0	U	1.0	0.68	ug/L			10/08/24 04:29	1
Ethylbenzene	1.0	U	1.0	0.74	ug/L			10/08/24 04:29	1
1,2-Dibromoethane	1.0	U	1.0	0.73	ug/L			10/08/24 04:29	1
Isopropylbenzene	1.0	U	1.0	0.79	ug/L			10/08/24 04:29	1
Methyl acetate	2.5	U	2.5	1.3	ug/L			10/08/24 04:29	1
Methyl tert-butyl ether	1.0	U	1.0	0.16	ug/L			10/08/24 04:29	1
Methylcyclohexane	1.0	U	1.0	0.16	ug/L			10/08/24 04:29	1
Methylene Chloride	1.0	U	1.0	0.44	ug/L			10/08/24 04:29	1
Styrene	1.0	U	1.0	0.73	ug/L			10/08/24 04:29	1
Tetrachloroethene	1.0	U	1.0	0.36	ug/L			10/08/24 04:29	1
Toluene	1.0	U	1.0	0.51	ug/L			10/08/24 04:29	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.90	ug/L			10/08/24 04:29	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.37	ug/L			10/08/24 04:29	1
Trichloroethene	**1.4**		1.0	0.46	ug/L			10/08/24 04:29	1
Trichlorofluoromethane	1.0	U	1.0	0.88	ug/L			10/08/24 04:29	1
Vinyl chloride	1.0	U	1.0	0.90	ug/L			10/08/24 04:29	1
Xylenes, Total	2.0	U	2.0	0.66	ug/L			10/08/24 04:29	1

Client: EHS Support, LLC
Job ID: 480-224025-1
Project/Site: Ashland Lee Ave. Railroad - Norwich,NY

Client Sample ID: URS-8S
Lab Sample ID: 480-224025-13
Date Collected: 10/02/24 14:16
Matrix: Water
Date Received: 10/03/24 10:20

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Unknown	31	J	ug/L		1.54	N/A		10/08/24 04:29	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	100		80 - 120		10/08/24 04:29	1
1,2-Dichloroethane-d4 (Surr)	105		77 - 120		10/08/24 04:29	1
4-Bromofluorobenzene (Surr)	101		73 - 120		10/08/24 04:29	1
Dibromofluoromethane (Surr)	109		75 - 123		10/08/24 04:29	1

Client: EHS Support, LLC
Project/Site: Ashland Lee Ave. Railroad - Norwich,NY

Job ID: 480-224025-1

Client Sample ID: DUP-1
Date Collected: 10/02/24 00:00
Date Received: 10/03/24 10:20

Lab Sample ID: 480-224025-14
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.0	U	1.0	0.82	ug/L			10/08/24 04:54	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.21	ug/L			10/08/24 04:54	1
1,1,2-Trichloroethane	1.0	U	1.0	0.23	ug/L			10/08/24 04:54	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.31	ug/L			10/08/24 04:54	1
1,1-Dichloroethane	1.0	U	1.0	0.38	ug/L			10/08/24 04:54	1
1,1-Dichloroethene	1.0	U	1.0	0.29	ug/L			10/08/24 04:54	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.41	ug/L			10/08/24 04:54	1
1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.39	ug/L			10/08/24 04:54	1
1,2-Dichlorobenzene	1.0	U	1.0	0.79	ug/L			10/08/24 04:54	1
1,2-Dichloroethane	1.0	U	1.0	0.21	ug/L			10/08/24 04:54	1
1,2-Dichloropropane	1.0	U	1.0	0.72	ug/L			10/08/24 04:54	1
1,3-Dichlorobenzene	1.0	U	1.0	0.78	ug/L			10/08/24 04:54	1
1,4-Dichlorobenzene	1.0	U	1.0	0.84	ug/L			10/08/24 04:54	1
2-Butanone (MEK)	10	U	10	1.3	ug/L			10/08/24 04:54	1
2-Hexanone	5.0	U	5.0	1.2	ug/L			10/08/24 04:54	1
4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	2.1	ug/L			10/08/24 04:54	1
Acetone	10	U	10	3.0	ug/L			10/08/24 04:54	1
Benzene	1.0	U	1.0	0.41	ug/L			10/08/24 04:54	1
Bromodichloromethane	1.0	U	1.0	0.39	ug/L			10/08/24 04:54	1
Bromoform	1.0	U	1.0	0.26	ug/L			10/08/24 04:54	1
Bromomethane	1.0	U	1.0	0.69	ug/L			10/08/24 04:54	1
Carbon disulfide	1.0	U	1.0	0.19	ug/L			10/08/24 04:54	1
Carbon tetrachloride	1.0	U	1.0	0.27	ug/L			10/08/24 04:54	1
Chlorobenzene	1.0	U	1.0	0.75	ug/L			10/08/24 04:54	1
Dibromochloromethane	1.0	U	1.0	0.32	ug/L			10/08/24 04:54	1
Chloroethane	1.0	U	1.0	0.32	ug/L			10/08/24 04:54	1
Chloroform	1.0	U	1.0	0.34	ug/L			10/08/24 04:54	1
Chloromethane	**0.46**	**J**	1.0	0.35	ug/L			10/08/24 04:54	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.81	ug/L			10/08/24 04:54	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.36	ug/L			10/08/24 04:54	1
Cyclohexane	1.0	U	1.0	0.18	ug/L			10/08/24 04:54	1
Dichlorodifluoromethane	1.0	U	1.0	0.68	ug/L			10/08/24 04:54	1
Ethylbenzene	1.0	U	1.0	0.74	ug/L			10/08/24 04:54	1
1,2-Dibromoethane	1.0	U	1.0	0.73	ug/L			10/08/24 04:54	1
Isopropylbenzene	1.0	U	1.0	0.79	ug/L			10/08/24 04:54	1
Methyl acetate	2.5	U	2.5	1.3	ug/L			10/08/24 04:54	1
Methyl tert-butyl ether	1.0	U	1.0	0.16	ug/L			10/08/24 04:54	1
Methylcyclohexane	1.0	U	1.0	0.16	ug/L			10/08/24 04:54	1
Methylene Chloride	1.0	U	1.0	0.44	ug/L			10/08/24 04:54	1
Styrene	1.0	U	1.0	0.73	ug/L			10/08/24 04:54	1
Tetrachloroethene	1.0	U	1.0	0.36	ug/L			10/08/24 04:54	1
Toluene	1.0	U	1.0	0.51	ug/L			10/08/24 04:54	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.90	ug/L			10/08/24 04:54	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.37	ug/L			10/08/24 04:54	1
Trichloroethene	**1.3**		1.0	0.46	ug/L			10/08/24 04:54	1
Trichlorofluoromethane	1.0	U	1.0	0.88	ug/L			10/08/24 04:54	1
Vinyl chloride	1.0	U	1.0	0.90	ug/L			10/08/24 04:54	1
Xylenes, Total	2.0	U	2.0	0.66	ug/L			10/08/24 04:54	1

Client: EHS Support, LLC
Job ID: 480-224025-1
Project/Site: Ashland Lee Ave. Railroad - Norwich,NY

Client Sample ID: DUP-1
Lab Sample ID: 480-224025-14
Date Collected: 10/02/24 00:00
Matrix: Water
Date Received: 10/03/24 10:20

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Unknown	30	J	ug/L		1.55	N/A		10/08/24 04:54	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	100		80 - 120		10/08/24 04:54	1
1,2-Dichloroethane-d4 (Surr)	97		77 - 120		10/08/24 04:54	1
4-Bromofluorobenzene (Surr)	103		73 - 120		10/08/24 04:54	1
Dibromofluoromethane (Surr)	104		75 - 123		10/08/24 04:54	1

Client: EHS Support, LLC
Project/Site: Ashland Lee Ave. Railroad - Norwich,NY

Job ID: 480-224025-1

Client Sample ID: TRIP BLANK
Date Collected: 10/02/24 00:00
Date Received: 10/03/24 10:20

Lab Sample ID: 480-224025-15
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.0	U	1.0	0.82	ug/L			10/08/24 05:19	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.21	ug/L			10/08/24 05:19	1
1,1,2-Trichloroethane	1.0	U	1.0	0.23	ug/L			10/08/24 05:19	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.31	ug/L			10/08/24 05:19	1
1,1-Dichloroethane	1.0	U	1.0	0.38	ug/L			10/08/24 05:19	1
1,1-Dichloroethene	1.0	U	1.0	0.29	ug/L			10/08/24 05:19	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.41	ug/L			10/08/24 05:19	1
1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.39	ug/L			10/08/24 05:19	1
1,2-Dichlorobenzene	1.0	U	1.0	0.79	ug/L			10/08/24 05:19	1
1,2-Dichloroethane	1.0	U	1.0	0.21	ug/L			10/08/24 05:19	1
1,2-Dichloropropane	1.0	U	1.0	0.72	ug/L			10/08/24 05:19	1
1,3-Dichlorobenzene	1.0	U	1.0	0.78	ug/L			10/08/24 05:19	1
1,4-Dichlorobenzene	1.0	U	1.0	0.84	ug/L			10/08/24 05:19	1
2-Butanone (MEK)	10	U	10	1.3	ug/L			10/08/24 05:19	1
2-Hexanone	5.0	U	5.0	1.2	ug/L			10/08/24 05:19	1
4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	2.1	ug/L			10/08/24 05:19	1
Acetone	10	U	10	3.0	ug/L			10/08/24 05:19	1
Benzene	1.0	U	1.0	0.41	ug/L			10/08/24 05:19	1
Bromodichloromethane	1.0	U	1.0	0.39	ug/L			10/08/24 05:19	1
Bromoform	1.0	U	1.0	0.26	ug/L			10/08/24 05:19	1
Bromomethane	1.0	U	1.0	0.69	ug/L			10/08/24 05:19	1
Carbon disulfide	1.0	U	1.0	0.19	ug/L			10/08/24 05:19	1
Carbon tetrachloride	1.0	U	1.0	0.27	ug/L			10/08/24 05:19	1
Chlorobenzene	1.0	U	1.0	0.75	ug/L			10/08/24 05:19	1
Dibromochloromethane	1.0	U	1.0	0.32	ug/L			10/08/24 05:19	1
Chloroethane	1.0	U	1.0	0.32	ug/L			10/08/24 05:19	1
Chloroform	1.0	U	1.0	0.34	ug/L			10/08/24 05:19	1
Chloromethane	1.0	U	1.0	0.35	ug/L			10/08/24 05:19	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.81	ug/L			10/08/24 05:19	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.36	ug/L			10/08/24 05:19	1
Cyclohexane	1.0	U	1.0	0.18	ug/L			10/08/24 05:19	1
Dichlorodifluoromethane	1.0	U	1.0	0.68	ug/L			10/08/24 05:19	1
Ethylbenzene	1.0	U	1.0	0.74	ug/L			10/08/24 05:19	1
1,2-Dibromoethane	1.0	U	1.0	0.73	ug/L			10/08/24 05:19	1
Isopropylbenzene	1.0	U	1.0	0.79	ug/L			10/08/24 05:19	1
Methyl acetate	2.5	U	2.5	1.3	ug/L			10/08/24 05:19	1
Methyl tert-butyl ether	1.0	U	1.0	0.16	ug/L			10/08/24 05:19	1
Methylcyclohexane	1.0	U	1.0	0.16	ug/L			10/08/24 05:19	1
Methylene Chloride	1.0	U	1.0	0.44	ug/L			10/08/24 05:19	1
Styrene	1.0	U	1.0	0.73	ug/L			10/08/24 05:19	1
Tetrachloroethene	1.0	U	1.0	0.36	ug/L			10/08/24 05:19	1
Toluene	1.0	U	1.0	0.51	ug/L			10/08/24 05:19	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.90	ug/L			10/08/24 05:19	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.37	ug/L			10/08/24 05:19	1
Trichloroethene	1.0	U	1.0	0.46	ug/L			10/08/24 05:19	1
Trichlorofluoromethane	1.0	U	1.0	0.88	ug/L			10/08/24 05:19	1
Vinyl chloride	1.0	U	1.0	0.90	ug/L			10/08/24 05:19	1
Xylenes, Total	2.0	U	2.0	0.66	ug/L			10/08/24 05:19	1

Client: EHS Support, LLC
Job ID: 480-224025-1
Project/Site: Ashland Lee Ave. Railroad - Norwich,NY

Client Sample ID: TRIP BLANK
Lab Sample ID: 480-224025-15
Date Collected: 10/02/24 00:00
Matrix: Water
Date Received: 10/03/24 10:20

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Unknown	14	J	ug/L		1.54	N/A		10/08/24 05:19	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	101		80 - 120		10/08/24 05:19	1
1,2-Dichloroethane-d4 (Surr)	105		77 - 120		10/08/24 05:19	1
4-Bromofluorobenzene (Surr)	104		73 - 120		10/08/24 05:19	1
Dibromofluoromethane (Surr)	106		75 - 123		10/08/24 05:19	1

Surrogate Summary

Client: EHS Support, LLC
Job ID: 480-224025-1
Project/Site: Ashland Lee Ave. Railroad - Norwich,NY

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

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

		Percent Surrogate Recovery (Acceptance Limits)			
		TOL	DCA	BFB	DBFM
Lab Sample ID	Client Sample ID	(80-120)	(77-120)	(73-120)	(75-123)
480-224025-1	LARW-11-1	98	97	95	90
480-224025-2	LARW-11-3	99	108	104	113
480-224025-3	LARW-11-2	104	104	102	105
480-224025-4	MW-11R	103	105	96	97
480-224025-5	URS-3R	93	90	100	87
480-224025-6	MW-10R	99	105	101	108
480-224025-7	MW-7	99	99	100	106
480-224025-8	MW-8	100	104	106	109
480-224025-9	MW-9	101	103	102	107
480-224025-10	URS-7S	103	103	109	107
480-224025-11	URS-9S	101	104	104	111
480-224025-11 MS	MS-URS-9S	98	99	103	105
480-224025-11 MSD	MSD-URS-9S	102	101	108	105
480-224025-12	URS-6I	103	103	107	113
480-224025-13	URS-8S	100	105	101	109
480-224025-14	DUP-1	100	97	103	104
480-224025-15	TRIP BLANK	101	105	104	106
LCS 480-727303/6	Lab Control Sample	100	102	100	97
LCS 480-727327/6	Lab Control Sample	102	102	108	107
LCS 480-727426/6	Lab Control Sample	92	84	99	84
MB 480-727303/30	Method Blank	97	99	98	104
MB 480-727327/8	Method Blank	100	98	101	102
MB 480-727426/8	Method Blank	93	90	103	94

Surrogate Legend

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

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

Lab Sample ID: MB 480-727303/30
Matrix: Water
Analysis Batch: 727303

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.0	U	1.0	0.82	ug/L			10/07/24 17:03	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.21	ug/L			10/07/24 17:03	1
1,1,2-Trichloroethane	1.0	U	1.0	0.23	ug/L			10/07/24 17:03	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.31	ug/L			10/07/24 17:03	1
1,1-Dichloroethane	1.0	U	1.0	0.38	ug/L			10/07/24 17:03	1
1,1-Dichloroethene	1.0	U	1.0	0.29	ug/L			10/07/24 17:03	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.41	ug/L			10/07/24 17:03	1
1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.39	ug/L			10/07/24 17:03	1
1,2-Dichlorobenzene	1.0	U	1.0	0.79	ug/L			10/07/24 17:03	1
1,2-Dichloroethane	1.0	U	1.0	0.21	ug/L			10/07/24 17:03	1
1,2-Dichloropropane	1.0	U	1.0	0.72	ug/L			10/07/24 17:03	1
1,3-Dichlorobenzene	1.0	U	1.0	0.78	ug/L			10/07/24 17:03	1
1,4-Dichlorobenzene	1.0	U	1.0	0.84	ug/L			10/07/24 17:03	1
2-Butanone (MEK)	10	U	10	1.3	ug/L			10/07/24 17:03	1
2-Hexanone	5.0	U	5.0	1.2	ug/L			10/07/24 17:03	1
4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	2.1	ug/L			10/07/24 17:03	1
Acetone	10	U	10	3.0	ug/L			10/07/24 17:03	1
Benzene	1.0	U	1.0	0.41	ug/L			10/07/24 17:03	1
Bromodichloromethane	1.0	U	1.0	0.39	ug/L			10/07/24 17:03	1
Bromoform	1.0	U	1.0	0.26	ug/L			10/07/24 17:03	1
Bromomethane	1.0	U	1.0	0.69	ug/L			10/07/24 17:03	1
Carbon disulfide	1.0	U	1.0	0.19	ug/L			10/07/24 17:03	1
Carbon tetrachloride	1.0	U	1.0	0.27	ug/L			10/07/24 17:03	1
Chlorobenzene	1.0	U	1.0	0.75	ug/L			10/07/24 17:03	1
Dibromochloromethane	1.0	U	1.0	0.32	ug/L			10/07/24 17:03	1
Chloroethane	1.0	U	1.0	0.32	ug/L			10/07/24 17:03	1
Chloroform	1.0	U	1.0	0.34	ug/L			10/07/24 17:03	1
Chloromethane	1.0	U	1.0	0.35	ug/L			10/07/24 17:03	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.81	ug/L			10/07/24 17:03	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.36	ug/L			10/07/24 17:03	1
Cyclohexane	1.0	U	1.0	0.18	ug/L			10/07/24 17:03	1
Dichlorodifluoromethane	1.0	U	1.0	0.68	ug/L			10/07/24 17:03	1
Ethylbenzene	1.0	U	1.0	0.74	ug/L			10/07/24 17:03	1
1,2-Dibromoethane	1.0	U	1.0	0.73	ug/L			10/07/24 17:03	1
Isopropylbenzene	1.0	U	1.0	0.79	ug/L			10/07/24 17:03	1
Methyl acetate	2.5	U	2.5	1.3	ug/L			10/07/24 17:03	1
Methyl tert-butyl ether	1.0	U	1.0	0.16	ug/L			10/07/24 17:03	1
Methylcyclohexane	1.0	U	1.0	0.16	ug/L			10/07/24 17:03	1
Methylene Chloride	1.0	U	1.0	0.44	ug/L			10/07/24 17:03	1
Styrene	1.0	U	1.0	0.73	ug/L			10/07/24 17:03	1
Tetrachloroethene	1.0	U	1.0	0.36	ug/L			10/07/24 17:03	1
Toluene	1.0	U	1.0	0.51	ug/L			10/07/24 17:03	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.90	ug/L			10/07/24 17:03	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.37	ug/L			10/07/24 17:03	1
Trichloroethene	1.0	U	1.0	0.46	ug/L			10/07/24 17:03	1
Trichlorofluoromethane	1.0	U	1.0	0.88	ug/L			10/07/24 17:03	1
Vinyl chloride	1.0	U	1.0	0.90	ug/L			10/07/24 17:03	1
Xylenes, Total	2.0	U	2.0	0.66	ug/L			10/07/24 17:03	1

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

Lab Sample ID: MB 480-727303/30
Matrix: Water
Analysis Batch: 727303

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

Tentatively Identified Compound	MB Est. Result	MB Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Tentatively Identified Compound	None		ug/L			N/A		10/07/24 17:03	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	97		80 - 120		10/07/24 17:03	1
1,2-Dichloroethane-d4 (Surr)	99		77 - 120		10/07/24 17:03	1
4-Bromofluorobenzene (Surr)	98		73 - 120		10/07/24 17:03	1
Dibromofluoromethane (Surr)	104		75 - 123		10/07/24 17:03	1

Lab Sample ID: LCS 480-727303/6
Matrix: Water
Analysis Batch: 727303

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1-Trichloroethane	25.0	28.4		ug/L		113	73 - 126
1,1,2,2-Tetrachloroethane	25.0	25.8		ug/L		103	76 - 120
1,1,2-Trichloroethane	25.0	27.1		ug/L		108	76 - 122
1,1,2-Trichloro-1,2,2-trifluoroethane	25.0	28.3		ug/L		113	61 - 148
1,1-Dichloroethane	25.0	26.6		ug/L		106	77 - 120
1,1-Dichloroethene	25.0	26.9		ug/L		107	66 - 127
1,2,4-Trichlorobenzene	25.0	26.6		ug/L		106	79 - 122
1,2-Dibromo-3-Chloropropane	25.0	27.1		ug/L		108	56 - 134
1,2-Dichlorobenzene	25.0	26.1		ug/L		104	80 - 124
1,2-Dichloroethane	25.0	25.4		ug/L		102	75 - 120
1,2-Dichloropropane	25.0	26.5		ug/L		106	76 - 120
1,3-Dichlorobenzene	25.0	27.3		ug/L		109	77 - 120
1,4-Dichlorobenzene	25.0	25.8		ug/L		103	80 - 120
2-Butanone (MEK)	125	139		ug/L		111	57 - 140
2-Hexanone	125	137		ug/L		109	65 - 127
4-Methyl-2-pentanone (MIBK)	125	135		ug/L		108	71 - 125
Acetone	125	130		ug/L		104	56 - 142
Benzene	25.0	27.2		ug/L		109	71 - 124
Bromodichloromethane	25.0	28.7		ug/L		115	80 - 122
Bromoform	25.0	30.2		ug/L		121	61 - 132
Bromomethane	25.0	23.4		ug/L		94	55 - 144
Carbon disulfide	25.0	26.5		ug/L		106	59 - 134
Carbon tetrachloride	25.0	29.6		ug/L		118	72 - 134
Chlorobenzene	25.0	26.8		ug/L		107	80 - 120
Dibromochloromethane	25.0	28.7		ug/L		115	75 - 125
Chloroethane	25.0	24.1		ug/L		96	69 - 136
Chloroform	25.0	23.5		ug/L		94	73 - 127
Chloromethane	25.0	24.3		ug/L		97	68 - 124
cis-1,2-Dichloroethene	25.0	25.9		ug/L		104	74 - 124
cis-1,3-Dichloropropene	25.0	29.3		ug/L		117	74 - 124
Cyclohexane	25.0	27.8		ug/L		111	59 - 135
Dichlorodifluoromethane	25.0	26.2		ug/L		105	59 - 135
Ethylbenzene	25.0	27.4		ug/L		110	77 - 123
1,2-Dibromoethane	25.0	26.9		ug/L		108	77 - 120

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

Lab Sample ID: LCS 480-727303/6
Matrix: Water
Analysis Batch: 727303

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Isopropylbenzene	25.0	29.0		ug/L		116	77 - 122
Methyl acetate	50.0	50.1		ug/L		100	74 - 133
Methyl tert-butyl ether	25.0	24.6		ug/L		99	77 - 120
Methylcyclohexane	25.0	28.5		ug/L		114	68 - 134
Methylene Chloride	25.0	25.7		ug/L		103	75 - 124
Styrene	25.0	26.2		ug/L		105	80 - 120
Tetrachloroethene	25.0	29.2		ug/L		117	74 - 122
Toluene	25.0	27.4		ug/L		110	80 - 122
trans-1,2-Dichloroethene	25.0	27.4		ug/L		110	73 - 127
trans-1,3-Dichloropropene	25.0	28.6		ug/L		114	80 - 120
Trichloroethene	25.0	27.7		ug/L		111	74 - 123
Trichlorofluoromethane	25.0	27.7		ug/L		111	62 - 150
Vinyl chloride	25.0	27.9		ug/L		111	65 - 133
Xylenes, Total	50.0	55.2		ug/L		110	76 - 122

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Toluene-d8 (Surr)	*100*		*80 - 120*
1,2-Dichloroethane-d4 (Surr)	*102*		*77 - 120*
4-Bromofluorobenzene (Surr)	*100*		*73 - 120*
Dibromofluoromethane (Surr)	*97*		*75 - 123*

Lab Sample ID: MB 480-727327/8
Matrix: Water
Analysis Batch: 727327

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.0	U	1.0	0.82	ug/L			10/08/24 01:14	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.21	ug/L			10/08/24 01:14	1
1,1,2-Trichloroethane	1.0	U	1.0	0.23	ug/L			10/08/24 01:14	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.31	ug/L			10/08/24 01:14	1
1,1-Dichloroethane	1.0	U	1.0	0.38	ug/L			10/08/24 01:14	1
1,1-Dichloroethene	1.0	U	1.0	0.29	ug/L			10/08/24 01:14	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.41	ug/L			10/08/24 01:14	1
1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.39	ug/L			10/08/24 01:14	1
1,2-Dichlorobenzene	1.0	U	1.0	0.79	ug/L			10/08/24 01:14	1
1,2-Dichloroethane	1.0	U	1.0	0.21	ug/L			10/08/24 01:14	1
1,2-Dichloropropane	1.0	U	1.0	0.72	ug/L			10/08/24 01:14	1
1,3-Dichlorobenzene	1.0	U	1.0	0.78	ug/L			10/08/24 01:14	1
1,4-Dichlorobenzene	1.0	U	1.0	0.84	ug/L			10/08/24 01:14	1
2-Butanone (MEK)	10	U	10	1.3	ug/L			10/08/24 01:14	1
2-Hexanone	5.0	U	5.0	1.2	ug/L			10/08/24 01:14	1
4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	2.1	ug/L			10/08/24 01:14	1
Acetone	10	U	10	3.0	ug/L			10/08/24 01:14	1
Benzene	1.0	U	1.0	0.41	ug/L			10/08/24 01:14	1
Bromodichloromethane	1.0	U	1.0	0.39	ug/L			10/08/24 01:14	1
Bromoform	1.0	U	1.0	0.26	ug/L			10/08/24 01:14	1
Bromomethane	1.0	U	1.0	0.69	ug/L			10/08/24 01:14	1
Carbon disulfide	1.0	U	1.0	0.19	ug/L			10/08/24 01:14	1

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

Lab Sample ID: MB 480-727327/8
Matrix: Water
Analysis Batch: 727327

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon tetrachloride	1.0	U	1.0	0.27	ug/L			10/08/24 01:14	1
Chlorobenzene	1.0	U	1.0	0.75	ug/L			10/08/24 01:14	1
Dibromochloromethane	1.0	U	1.0	0.32	ug/L			10/08/24 01:14	1
Chloroethane	1.0	U	1.0	0.32	ug/L			10/08/24 01:14	1
Chloroform	1.0	U	1.0	0.34	ug/L			10/08/24 01:14	1
Chloromethane	1.0	U	1.0	0.35	ug/L			10/08/24 01:14	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.81	ug/L			10/08/24 01:14	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.36	ug/L			10/08/24 01:14	1
Cyclohexane	1.0	U	1.0	0.18	ug/L			10/08/24 01:14	1
Dichlorodifluoromethane	1.0	U	1.0	0.68	ug/L			10/08/24 01:14	1
Ethylbenzene	1.0	U	1.0	0.74	ug/L			10/08/24 01:14	1
1,2-Dibromoethane	1.0	U	1.0	0.73	ug/L			10/08/24 01:14	1
Isopropylbenzene	1.0	U	1.0	0.79	ug/L			10/08/24 01:14	1
Methyl acetate	2.5	U	2.5	1.3	ug/L			10/08/24 01:14	1
Methyl tert-butyl ether	1.0	U	1.0	0.16	ug/L			10/08/24 01:14	1
Methylcyclohexane	1.0	U	1.0	0.16	ug/L			10/08/24 01:14	1
Methylene Chloride	1.0	U	1.0	0.44	ug/L			10/08/24 01:14	1
Styrene	1.0	U	1.0	0.73	ug/L			10/08/24 01:14	1
Tetrachloroethene	1.0	U	1.0	0.36	ug/L			10/08/24 01:14	1
Toluene	1.0	U	1.0	0.51	ug/L			10/08/24 01:14	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.90	ug/L			10/08/24 01:14	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.37	ug/L			10/08/24 01:14	1
Trichloroethene	1.0	U	1.0	0.46	ug/L			10/08/24 01:14	1
Trichlorofluoromethane	1.0	U	1.0	0.88	ug/L			10/08/24 01:14	1
Vinyl chloride	1.0	U	1.0	0.90	ug/L			10/08/24 01:14	1
Xylenes, Total	2.0	U	2.0	0.66	ug/L			10/08/24 01:14	1

Tentatively Identified Compound	*MB Est. Result*	*MB Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Unknown	*6.79*	*J*	*ug/L*		*1.54*	*N/A*		*10/08/24 01:14*	*1*

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*100*		*80 - 120*		*10/08/24 01:14*	*1*
1,2-Dichloroethane-d4 (Surr)	*98*		*77 - 120*		*10/08/24 01:14*	*1*
4-Bromofluorobenzene (Surr)	*101*		*73 - 120*		*10/08/24 01:14*	*1*
Dibromofluoromethane (Surr)	*102*		*75 - 123*		*10/08/24 01:14*	*1*

Lab Sample ID: LCS 480-727327/6
Matrix: Water
Analysis Batch: 727327

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1-Trichloroethane	25.0	23.5		ug/L		94	73 - 126
1,1,2,2-Tetrachloroethane	25.0	23.8		ug/L		95	76 - 120
1,1,2-Trichloroethane	25.0	24.2		ug/L		97	76 - 122
1,1,2-Trichloro-1,2,2-trifluoroethane	25.0	24.7		ug/L		99	61 - 148
1,1-Dichloroethane	25.0	25.5		ug/L		102	77 - 120
1,1-Dichloroethene	25.0	24.6		ug/L		98	66 - 127

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

Lab Sample ID: LCS 480-727327/6
Matrix: Water
Analysis Batch: 727327

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,2,4-Trichlorobenzene	25.0	23.8		ug/L		95	79 - 122
1,2-Dibromo-3-Chloropropane	25.0	18.7		ug/L		75	56 - 134
1,2-Dichlorobenzene	25.0	23.9		ug/L		96	80 - 124
1,2-Dichloroethane	25.0	25.0		ug/L		100	75 - 120
1,2-Dichloropropane	25.0	26.0		ug/L		104	76 - 120
1,3-Dichlorobenzene	25.0	24.8		ug/L		99	77 - 120
1,4-Dichlorobenzene	25.0	24.0		ug/L		96	80 - 120
2-Butanone (MEK)	125	115		ug/L		92	57 - 140
2-Hexanone	125	117		ug/L		93	65 - 127
4-Methyl-2-pentanone (MIBK)	125	117		ug/L		94	71 - 125
Acetone	125	118		ug/L		94	56 - 142
Benzene	25.0	25.6		ug/L		102	71 - 124
Bromodichloromethane	25.0	25.0		ug/L		100	80 - 122
Bromoform	25.0	26.6		ug/L		107	61 - 132
Bromomethane	25.0	25.6		ug/L		102	55 - 144
Carbon disulfide	25.0	22.1		ug/L		89	59 - 134
Carbon tetrachloride	25.0	24.7		ug/L		99	72 - 134
Chlorobenzene	25.0	23.6		ug/L		94	80 - 120
Dibromochloromethane	25.0	25.6		ug/L		102	75 - 125
Chloroethane	25.0	27.5		ug/L		110	69 - 136
Chloroform	25.0	24.4		ug/L		98	73 - 127
Chloromethane	25.0	27.2		ug/L		109	68 - 124
cis-1,2-Dichloroethene	25.0	26.0		ug/L		104	74 - 124
cis-1,3-Dichloropropene	25.0	24.5		ug/L		98	74 - 124
Cyclohexane	25.0	21.5		ug/L		86	59 - 135
Dichlorodifluoromethane	25.0	29.1		ug/L		116	59 - 135
Ethylbenzene	25.0	23.6		ug/L		94	77 - 123
1,2-Dibromoethane	25.0	24.5		ug/L		98	77 - 120
Isopropylbenzene	25.0	22.8		ug/L		91	77 - 122
Methyl acetate	50.0	47.8		ug/L		96	74 - 133
Methyl tert-butyl ether	25.0	24.9		ug/L		100	77 - 120
Methylcyclohexane	25.0	24.7		ug/L		99	68 - 134
Methylene Chloride	25.0	24.8		ug/L		99	75 - 124
Styrene	25.0	23.8		ug/L		95	80 - 120
Tetrachloroethene	25.0	25.2		ug/L		101	74 - 122
Toluene	25.0	23.5		ug/L		94	80 - 122
trans-1,2-Dichloroethene	25.0	25.6		ug/L		102	73 - 127
trans-1,3-Dichloropropene	25.0	24.1		ug/L		96	80 - 120
Trichloroethene	25.0	24.9		ug/L		100	74 - 123
Trichlorofluoromethane	25.0	29.9		ug/L		120	62 - 150
Vinyl chloride	25.0	27.3		ug/L		109	65 - 133
Xylenes, Total	50.0	47.0		ug/L		94	76 - 122

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Toluene-d8 (Surr)	*102*		*80 - 120*
1,2-Dichloroethane-d4 (Surr)	*102*		*77 - 120*
4-Bromofluorobenzene (Surr)	*108*		*73 - 120*
Dibromofluoromethane (Surr)	*107*		*75 - 123*

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

Lab Sample ID: 480-224025-11 MS
Matrix: Water
Analysis Batch: 727327

Client Sample ID: MS-URS-9S
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1-Trichloroethane	1.0	U	25.0	26.8		ug/L		107	73 - 126
1,1,2,2-Tetrachloroethane	1.0	U	25.0	25.6		ug/L		103	76 - 120
1,1,2-Trichloroethane	1.0	U	25.0	25.3		ug/L		101	76 - 122
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	25.0	25.3		ug/L		101	61 - 148
1,1-Dichloroethane	1.0	U	25.0	27.3		ug/L		109	77 - 120
1,1-Dichloroethene	1.0	U	25.0	27.0		ug/L		108	66 - 127
1,2,4-Trichlorobenzene	1.0	U	25.0	23.6		ug/L		94	79 - 122
1,2-Dibromo-3-Chloropropane	1.0	U	25.0	20.2		ug/L		81	56 - 134
1,2-Dichlorobenzene	1.0	U	25.0	24.8		ug/L		99	80 - 124
1,2-Dichloroethane	1.0	U	25.0	25.9		ug/L		103	75 - 120
1,2-Dichloropropane	1.0	U	25.0	27.4		ug/L		109	76 - 120
1,3-Dichlorobenzene	1.0	U	25.0	25.2		ug/L		101	77 - 120
1,4-Dichlorobenzene	1.0	U	25.0	24.3		ug/L		97	78 - 124
2-Butanone (MEK)	10	U	125	126		ug/L		101	57 - 140
2-Hexanone	5.0	U	125	129		ug/L		103	65 - 127
4-Methyl-2-pentanone (MIBK)	5.0	U	125	129		ug/L		103	71 - 125
Acetone	10	U	125	120		ug/L		96	56 - 142
Benzene	1.0	U	25.0	27.5		ug/L		110	71 - 124
Bromodichloromethane	1.0	U	25.0	26.3		ug/L		105	80 - 122
Bromoform	1.0	U	25.0	27.3		ug/L		109	61 - 132
Bromomethane	1.0	U	25.0	29.1		ug/L		116	55 - 144
Carbon disulfide	1.0	U	25.0	23.5		ug/L		94	59 - 134
Carbon tetrachloride	1.0	U	25.0	26.7		ug/L		107	72 - 134
Chlorobenzene	1.0	U	25.0	25.2		ug/L		101	80 - 120
Dibromochloromethane	1.0	U	25.0	26.1		ug/L		105	75 - 125
Chloroethane	1.0	U	25.0	31.3		ug/L		125	69 - 136
Chloroform	1.0	U	25.0	25.6		ug/L		102	73 - 127
Chloromethane	1.0	U	25.0	30.7		ug/L		123	68 - 124
cis-1,2-Dichloroethene	0.91	J	25.0	29.4		ug/L		114	74 - 124
cis-1,3-Dichloropropene	1.0	U	25.0	24.6		ug/L		98	74 - 124
Cyclohexane	1.0	U	25.0	23.8		ug/L		95	59 - 135
Dichlorodifluoromethane	1.0	U	25.0	27.5		ug/L		110	59 - 135
Ethylbenzene	1.0	U	25.0	25.1		ug/L		101	77 - 123
1,2-Dibromoethane	1.0	U	25.0	26.0		ug/L		104	77 - 120
Isopropylbenzene	1.0	U	25.0	24.4		ug/L		97	77 - 122
Methyl acetate	2.5	U	50.0	44.3		ug/L		89	74 - 133
Methyl tert-butyl ether	1.0	U	25.0	25.9		ug/L		103	77 - 120
Methylcyclohexane	1.0	U	25.0	24.5		ug/L		98	68 - 134
Methylene Chloride	1.0	U	25.0	27.2		ug/L		109	75 - 124
Styrene	1.0	U	25.0	25.1		ug/L		100	80 - 120
Tetrachloroethene	1.0	U	25.0	27.4		ug/L		110	74 - 122
Toluene	1.0	U	25.0	25.3		ug/L		101	80 - 122
trans-1,2-Dichloroethene	1.0	U	25.0	27.8		ug/L		111	73 - 127
trans-1,3-Dichloropropene	1.0	U	25.0	24.1		ug/L		96	80 - 120
Trichloroethene	3.7		25.0	30.3		ug/L		107	74 - 123
Trichlorofluoromethane	1.0	U	25.0	33.6		ug/L		135	62 - 150
Vinyl chloride	1.0	U	25.0	31.5		ug/L		126	65 - 133
Xylenes, Total	2.0	U	50.0	50.8		ug/L		102	76 - 122

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

Surrogate	MS %Recovery	MS Qualifier	Limits
Toluene-d8 (Surr)	*98*		*80 - 120*
1,2-Dichloroethane-d4 (Surr)	*99*		*77 - 120*
4-Bromofluorobenzene (Surr)	*103*		*73 - 120*
Dibromofluoromethane (Surr)	*105*		*75 - 123*

Lab Sample ID: 480-224025-11 MSD
Matrix: Water
Analysis Batch: 727327

Client Sample ID: MSD-URS-9S
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1,1-Trichloroethane	1.0	U	25.0	24.7		ug/L		99	73 - 126	8	15
1,1,2,2-Tetrachloroethane	1.0	U	25.0	24.7		ug/L		99	76 - 120	4	15
1,1,2-Trichloroethane	1.0	U	25.0	24.8		ug/L		99	76 - 122	2	15
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	25.0	24.8		ug/L		99	61 - 148	2	20
1,1-Dichloroethane	1.0	U	25.0	25.8		ug/L		103	77 - 120	6	20
1,1-Dichloroethene	1.0	U	25.0	26.4		ug/L		105	66 - 127	2	16
1,2,4-Trichlorobenzene	1.0	U	25.0	22.8		ug/L		91	79 - 122	4	20
1,2-Dibromo-3-Chloropropane	1.0	U	25.0	20.6		ug/L		83	56 - 134	2	15
1,2-Dichlorobenzene	1.0	U	25.0	23.6		ug/L		94	80 - 124	5	20
1,2-Dichloroethane	1.0	U	25.0	24.9		ug/L		100	75 - 120	4	20
1,2-Dichloropropane	1.0	U	25.0	26.1		ug/L		104	76 - 120	5	20
1,3-Dichlorobenzene	1.0	U	25.0	24.2		ug/L		97	77 - 120	4	20
1,4-Dichlorobenzene	1.0	U	25.0	23.9		ug/L		95	78 - 124	2	20
2-Butanone (MEK)	10	U	125	122		ug/L		98	57 - 140	3	20
2-Hexanone	5.0	U	125	128		ug/L		103	65 - 127	0	15
4-Methyl-2-pentanone (MIBK)	5.0	U	125	127		ug/L		102	71 - 125	1	35
Acetone	10	U	125	123		ug/L		98	56 - 142	2	15
Benzene	1.0	U	25.0	26.1		ug/L		105	71 - 124	5	13
Bromodichloromethane	1.0	U	25.0	24.9		ug/L		100	80 - 122	6	15
Bromoform	1.0	U	25.0	26.1		ug/L		104	61 - 132	5	15
Bromomethane	1.0	U	25.0	28.1		ug/L		112	55 - 144	4	15
Carbon disulfide	1.0	U	25.0	22.8		ug/L		91	59 - 134	3	15
Carbon tetrachloride	1.0	U	25.0	25.7		ug/L		103	72 - 134	4	15
Chlorobenzene	1.0	U	25.0	24.5		ug/L		98	80 - 120	3	25
Dibromochloromethane	1.0	U	25.0	25.6		ug/L		102	75 - 125	2	15
Chloroethane	1.0	U	25.0	31.4		ug/L		126	69 - 136	1	15
Chloroform	1.0	U	25.0	24.5		ug/L		98	73 - 127	4	20
Chloromethane	1.0	U	25.0	29.1		ug/L		116	68 - 124	5	15
cis-1,2-Dichloroethene	0.91	J	25.0	27.0		ug/L		105	74 - 124	8	15
cis-1,3-Dichloropropene	1.0	U	25.0	23.3		ug/L		93	74 - 124	5	15
Cyclohexane	1.0	U	25.0	21.4		ug/L		85	59 - 135	11	20
Dichlorodifluoromethane	1.0	U	25.0	27.1		ug/L		108	59 - 135	2	20
Ethylbenzene	1.0	U	25.0	24.5		ug/L		98	77 - 123	3	15
1,2-Dibromoethane	1.0	U	25.0	24.9		ug/L		99	77 - 120	4	15
Isopropylbenzene	1.0	U	25.0	23.7		ug/L		95	77 - 122	3	20
Methyl acetate	2.5	U	50.0	46.3		ug/L		93	74 - 133	4	20
Methyl tert-butyl ether	1.0	U	25.0	24.6		ug/L		99	77 - 120	5	37
Methylcyclohexane	1.0	U	25.0	23.6		ug/L		95	68 - 134	4	20
Methylene Chloride	1.0	U	25.0	25.7		ug/L		103	75 - 124	6	15
Styrene	1.0	U	25.0	24.4		ug/L		98	80 - 120	3	20
Tetrachloroethene	1.0	U	25.0	26.2		ug/L		105	74 - 122	4	20

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

Lab Sample ID: 480-224025-11 MSD
Matrix: Water
Analysis Batch: 727327

Client Sample ID: MSD-URS-9S
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Toluene	1.0	U	25.0	24.5		ug/L		98	80 - 122	3	15
trans-1,2-Dichloroethene	1.0	U	25.0	26.4		ug/L		106	73 - 127	5	20
trans-1,3-Dichloropropene	1.0	U	25.0	23.1		ug/L		93	80 - 120	4	15
Trichloroethene	3.7		25.0	29.2		ug/L		102	74 - 123	4	16
Trichlorofluoromethane	1.0	U	25.0	32.9		ug/L		132	62 - 150	2	20
Vinyl chloride	1.0	U	25.0	30.5		ug/L		122	65 - 133	3	15
Xylenes, Total	2.0	U	50.0	49.6		ug/L		99	76 - 122	2	16

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
Toluene-d8 (Surr)	*102*		*80 - 120*
1,2-Dichloroethane-d4 (Surr)	*101*		*77 - 120*
4-Bromofluorobenzene (Surr)	*108*		*73 - 120*
Dibromofluoromethane (Surr)	*105*		*75 - 123*

Lab Sample ID: MB 480-727426/8
Matrix: Water
Analysis Batch: 727426

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.0	U	1.0	0.82	ug/L			10/08/24 15:41	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.21	ug/L			10/08/24 15:41	1
1,1,2-Trichloroethane	1.0	U	1.0	0.23	ug/L			10/08/24 15:41	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.31	ug/L			10/08/24 15:41	1
1,1-Dichloroethane	1.0	U	1.0	0.38	ug/L			10/08/24 15:41	1
1,1-Dichloroethene	1.0	U	1.0	0.29	ug/L			10/08/24 15:41	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.41	ug/L			10/08/24 15:41	1
1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.39	ug/L			10/08/24 15:41	1
1,2-Dichlorobenzene	1.0	U	1.0	0.79	ug/L			10/08/24 15:41	1
1,2-Dichloroethane	1.0	U	1.0	0.21	ug/L			10/08/24 15:41	1
1,2-Dichloropropane	1.0	U	1.0	0.72	ug/L			10/08/24 15:41	1
1,3-Dichlorobenzene	1.0	U	1.0	0.78	ug/L			10/08/24 15:41	1
1,4-Dichlorobenzene	1.0	U	1.0	0.84	ug/L			10/08/24 15:41	1
2-Butanone (MEK)	10	U	10	1.3	ug/L			10/08/24 15:41	1
2-Hexanone	5.0	U	5.0	1.2	ug/L			10/08/24 15:41	1
4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	2.1	ug/L			10/08/24 15:41	1
Acetone	10	U	10	3.0	ug/L			10/08/24 15:41	1
Benzene	1.0	U	1.0	0.41	ug/L			10/08/24 15:41	1
Bromodichloromethane	1.0	U	1.0	0.39	ug/L			10/08/24 15:41	1
Bromoform	1.0	U	1.0	0.26	ug/L			10/08/24 15:41	1
Bromomethane	1.0	U	1.0	0.69	ug/L			10/08/24 15:41	1
Carbon disulfide	1.0	U	1.0	0.19	ug/L			10/08/24 15:41	1
Carbon tetrachloride	1.0	U	1.0	0.27	ug/L			10/08/24 15:41	1
Chlorobenzene	1.0	U	1.0	0.75	ug/L			10/08/24 15:41	1
Dibromochloromethane	1.0	U	1.0	0.32	ug/L			10/08/24 15:41	1
Chloroethane	1.0	U	1.0	0.32	ug/L			10/08/24 15:41	1
Chloroform	1.0	U	1.0	0.34	ug/L			10/08/24 15:41	1
Chloromethane	1.0	U	1.0	0.35	ug/L			10/08/24 15:41	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.81	ug/L			10/08/24 15:41	1

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

Lab Sample ID: MB 480-727426/8
Matrix: Water
Analysis Batch: 727426

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,3-Dichloropropene	1.0	U	1.0	0.36	ug/L			10/08/24 15:41	1
Cyclohexane	1.0	U	1.0	0.18	ug/L			10/08/24 15:41	1
Dichlorodifluoromethane	1.0	U	1.0	0.68	ug/L			10/08/24 15:41	1
Ethylbenzene	1.0	U	1.0	0.74	ug/L			10/08/24 15:41	1
1,2-Dibromoethane	1.0	U	1.0	0.73	ug/L			10/08/24 15:41	1
Isopropylbenzene	1.0	U	1.0	0.79	ug/L			10/08/24 15:41	1
Methyl acetate	2.5	U	2.5	1.3	ug/L			10/08/24 15:41	1
Methyl tert-butyl ether	1.0	U	1.0	0.16	ug/L			10/08/24 15:41	1
Methylcyclohexane	1.0	U	1.0	0.16	ug/L			10/08/24 15:41	1
Methylene Chloride	1.0	U	1.0	0.44	ug/L			10/08/24 15:41	1
Styrene	1.0	U	1.0	0.73	ug/L			10/08/24 15:41	1
Tetrachloroethene	1.0	U	1.0	0.36	ug/L			10/08/24 15:41	1
Toluene	1.0	U	1.0	0.51	ug/L			10/08/24 15:41	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.90	ug/L			10/08/24 15:41	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.37	ug/L			10/08/24 15:41	1
Trichloroethene	1.0	U	1.0	0.46	ug/L			10/08/24 15:41	1
Trichlorofluoromethane	1.0	U	1.0	0.88	ug/L			10/08/24 15:41	1
Vinyl chloride	1.0	U	1.0	0.90	ug/L			10/08/24 15:41	1
Xylenes, Total	2.0	U	2.0	0.66	ug/L			10/08/24 15:41	1

Tentatively Identified Compound	*MB Est. Result*	*MB Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*ug/L*			*N/A*		*10/08/24 15:41*	*1*

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*93*		*80 - 120*		*10/08/24 15:41*	*1*
1,2-Dichloroethane-d4 (Surr)	*90*		*77 - 120*		*10/08/24 15:41*	*1*
4-Bromofluorobenzene (Surr)	*103*		*73 - 120*		*10/08/24 15:41*	*1*
Dibromofluoromethane (Surr)	*94*		*75 - 123*		*10/08/24 15:41*	*1*

Lab Sample ID: LCS 480-727426/6
Matrix: Water
Analysis Batch: 727426

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1-Trichloroethane	25.0	23.8		ug/L		95	73 - 126
1,1,2,2-Tetrachloroethane	25.0	25.6		ug/L		102	76 - 120
1,1,2-Trichloroethane	25.0	25.6		ug/L		102	76 - 122
1,1,2-Trichloro-1,2,2-trifluoroethane	25.0	23.7		ug/L		95	61 - 148
1,1-Dichloroethane	25.0	22.9		ug/L		91	77 - 120
1,1-Dichloroethene	25.0	22.6		ug/L		91	66 - 127
1,2,4-Trichlorobenzene	25.0	27.2		ug/L		109	79 - 122
1,2-Dibromo-3-Chloropropane	25.0	26.2		ug/L		105	56 - 134
1,2-Dichlorobenzene	25.0	26.4		ug/L		106	80 - 124
1,2-Dichloroethane	25.0	24.2		ug/L		97	75 - 120
1,2-Dichloropropane	25.0	26.7		ug/L		107	76 - 120
1,3-Dichlorobenzene	25.0	26.3		ug/L		105	77 - 120
1,4-Dichlorobenzene	25.0	26.1		ug/L		104	80 - 120

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

Lab Sample ID: LCS 480-727426/6
Matrix: Water
Analysis Batch: 727426

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
2-Butanone (MEK)	125	129		ug/L		103	57 - 140
2-Hexanone	125	125		ug/L		100	65 - 127
4-Methyl-2-pentanone (MIBK)	125	126		ug/L		101	71 - 125
Acetone	125	115		ug/L		92	56 - 142
Benzene	25.0	24.8		ug/L		99	71 - 124
Bromodichloromethane	25.0	23.8		ug/L		95	80 - 122
Bromoform	25.0	24.4		ug/L		98	61 - 132
Bromomethane	25.0	21.9		ug/L		88	55 - 144
Carbon disulfide	25.0	22.1		ug/L		88	59 - 134
Carbon tetrachloride	25.0	24.7		ug/L		99	72 - 134
Chlorobenzene	25.0	25.4		ug/L		102	80 - 120
Dibromochloromethane	25.0	25.5		ug/L		102	75 - 125
Chloroethane	25.0	23.9		ug/L		96	69 - 136
Chloroform	25.0	21.1		ug/L		85	73 - 127
Chloromethane	25.0	22.7		ug/L		91	68 - 124
cis-1,2-Dichloroethene	25.0	23.4		ug/L		94	74 - 124
cis-1,3-Dichloropropene	25.0	26.8		ug/L		107	74 - 124
Cyclohexane	25.0	24.2		ug/L		97	59 - 135
Dichlorodifluoromethane	25.0	21.2		ug/L		85	59 - 135
Ethylbenzene	25.0	25.5		ug/L		102	77 - 123
1,2-Dibromoethane	25.0	26.6		ug/L		107	77 - 120
Isopropylbenzene	25.0	28.0		ug/L		112	77 - 122
Methyl acetate	50.0	48.4		ug/L		97	74 - 133
Methyl tert-butyl ether	25.0	22.8		ug/L		91	77 - 120
Methylcyclohexane	25.0	25.4		ug/L		102	68 - 134
Methylene Chloride	25.0	21.8		ug/L		87	75 - 124
Styrene	25.0	25.5		ug/L		102	80 - 120
Tetrachloroethene	25.0	26.9		ug/L		108	74 - 122
Toluene	25.0	25.1		ug/L		101	80 - 122
trans-1,2-Dichloroethene	25.0	23.1		ug/L		92	73 - 127
trans-1,3-Dichloropropene	25.0	28.2		ug/L		113	80 - 120
Trichloroethene	25.0	25.5		ug/L		102	74 - 123
Trichlorofluoromethane	25.0	25.9		ug/L		104	62 - 150
Vinyl chloride	25.0	23.6		ug/L		95	65 - 133
Xylenes, Total	50.0	51.5		ug/L		103	76 - 122

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Toluene-d8 (Surr)	*92*		*80 - 120*
1,2-Dichloroethane-d4 (Surr)	*84*		*77 - 120*
4-Bromofluorobenzene (Surr)	*99*		*73 - 120*
Dibromofluoromethane (Surr)	*84*		*75 - 123*

QC Association Summary

Client: EHS Support, LLC
Job ID: 480-224025-1
Project/Site: Ashland Lee Ave. Railroad - Norwich,NY

GC/MS VOA

Analysis Batch: 727303

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-224025-1	LARW-11-1	Total/NA	Water	8260C	
480-224025-2	LARW-11-3	Total/NA	Water	8260C	
480-224025-3	LARW-11-2	Total/NA	Water	8260C	
480-224025-4	MW-11R	Total/NA	Water	8260C	
MB 480-727303/30	Method Blank	Total/NA	Water	8260C	
LCS 480-727303/6	Lab Control Sample	Total/NA	Water	8260C	

Analysis Batch: 727327

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-224025-6	MW-10R	Total/NA	Water	8260C	
480-224025-7	MW-7	Total/NA	Water	8260C	
480-224025-8	MW-8	Total/NA	Water	8260C	
480-224025-9	MW-9	Total/NA	Water	8260C	
480-224025-10	URS-7S	Total/NA	Water	8260C	
480-224025-11	URS-9S	Total/NA	Water	8260C	
480-224025-12	URS-6I	Total/NA	Water	8260C	
480-224025-13	URS-8S	Total/NA	Water	8260C	
480-224025-14	DUP-1	Total/NA	Water	8260C	
480-224025-15	TRIP BLANK	Total/NA	Water	8260C	
MB 480-727327/8	Method Blank	Total/NA	Water	8260C	
LCS 480-727327/6	Lab Control Sample	Total/NA	Water	8260C	
480-224025-11 MS	MS-URS-9S	Total/NA	Water	8260C	
480-224025-11 MSD	MSD-URS-9S	Total/NA	Water	8260C	

Analysis Batch: 727426

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-224025-5	URS-3R	Total/NA	Water	8260C	
MB 480-727426/8	Method Blank	Total/NA	Water	8260C	
LCS 480-727426/6	Lab Control Sample	Total/NA	Water	8260C	

Lab Chronicle

Client: EHS Support, LLC
Job ID: 480-224025-1
Project/Site: Ashland Lee Ave. Railroad - Norwich,NY

Client Sample ID: LARW-11-1
Lab Sample ID: 480-224025-1
Date Collected: 10/02/24 11:25
Matrix: Water
Date Received: 10/03/24 10:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		1	727303	ZN	EET BUF	10/07/24 21:22

Client Sample ID: LARW-11-3
Lab Sample ID: 480-224025-2
Date Collected: 10/01/24 12:55
Matrix: Water
Date Received: 10/03/24 10:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		1	727303	ZN	EET BUF	10/07/24 21:45

Client Sample ID: LARW-11-2
Lab Sample ID: 480-224025-3
Date Collected: 10/01/24 13:42
Matrix: Water
Date Received: 10/03/24 10:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		20	727303	ZN	EET BUF	10/07/24 22:08

Client Sample ID: MW-11R
Lab Sample ID: 480-224025-4
Date Collected: 10/02/24 11:45
Matrix: Water
Date Received: 10/03/24 10:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		40	727303	ZN	EET BUF	10/07/24 22:31

Client Sample ID: URS-3R
Lab Sample ID: 480-224025-5
Date Collected: 10/01/24 15:33
Matrix: Water
Date Received: 10/03/24 10:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		200	727426	AD	EET BUF	10/08/24 19:08

Client Sample ID: MW-10R
Lab Sample ID: 480-224025-6
Date Collected: 10/01/24 14:50
Matrix: Water
Date Received: 10/03/24 10:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		1	727327	ERS	EET BUF	10/08/24 01:39

Client Sample ID: MW-7
Lab Sample ID: 480-224025-7
Date Collected: 10/02/24 09:52
Matrix: Water
Date Received: 10/03/24 10:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		1	727327	ERS	EET BUF	10/08/24 02:03

Lab Chronicle

Client: EHS Support, LLC
Project/Site: Ashland Lee Ave. Railroad - Norwich,NY

Job ID: 480-224025-1

Client Sample ID: MW-8
Date Collected: 10/02/24 09:18
Date Received: 10/03/24 10:20

Lab Sample ID: 480-224025-8
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		1	727327	ERS	EET BUF	10/08/24 02:27

Client Sample ID: MW-9
Date Collected: 10/02/24 10:30
Date Received: 10/03/24 10:20

Lab Sample ID: 480-224025-9
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		1	727327	ERS	EET BUF	10/08/24 02:51

Client Sample ID: URS-7S
Date Collected: 10/02/24 15:22
Date Received: 10/03/24 10:20

Lab Sample ID: 480-224025-10
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		1	727327	ERS	EET BUF	10/08/24 03:16

Client Sample ID: URS-9S
Date Collected: 10/02/24 13:25
Date Received: 10/03/24 10:20

Lab Sample ID: 480-224025-11
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		1	727327	ERS	EET BUF	10/08/24 03:40

Client Sample ID: URS-6I
Date Collected: 10/02/24 12:32
Date Received: 10/03/24 10:20

Lab Sample ID: 480-224025-12
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		1	727327	ERS	EET BUF	10/08/24 04:05

Client Sample ID: URS-8S
Date Collected: 10/02/24 14:16
Date Received: 10/03/24 10:20

Lab Sample ID: 480-224025-13
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		1	727327	ERS	EET BUF	10/08/24 04:29

Client Sample ID: DUP-1
Date Collected: 10/02/24 00:00
Date Received: 10/03/24 10:20

Lab Sample ID: 480-224025-14
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		1	727327	ERS	EET BUF	10/08/24 04:54

Lab Chronicle

Client: EHS Support, LLC
Job ID: 480-224025-1
Project/Site: Ashland Lee Ave. Railroad - Norwich,NY

Client Sample ID: TRIP BLANK
Lab Sample ID: 480-224025-15
Date Collected: 10/02/24 00:00
Matrix: Water
Date Received: 10/03/24 10:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		1	727327	ERS	EET BUF	10/08/24 05:19

Laboratory References:

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

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

Chain of Custody Record

eurofins | Environment Testing

Client Information	Sampler: Meredith Duncan	Lab PM: Beninati, John	Carrier Tracking No(s):	COC No: 480-199215-39820.1
Client Contact: ~~Kris Blumm~~ Elena Dadukova	Phone: 678-457-2619	E-Mail: John.Beninati@et.eurofinsus.com	State of Origin: NY	Page: Page 1 of 4
Company: EHS Support, LLC	PWSID:			Job #:
Address: ~~814 E Washington Street~~	Due Date Requested: Standard			
City: ~~Louisville~~ Rehoboth Beach	TAT Requested (days): Standard			
State, Zip: ~~KY, 40206~~ DE	Compliance Project: Δ Yes Δ No			
Phone: 302-440-4401	PO #: PO1106588			
Email: ~~kris.blumm@ehs-support.com~~ elena.dadukova@ehs-support.com	WO #: Task 400			
Project Name: Ashland Lee Ave. Railroad - Norwich,NY	Project #: 48016401			
Site: Norwich NY	SSOW#:			

Analysis Requested

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8260C - TCL VOCs	8260C - TCL VOCs + TICs	Total Number of containers	Special Instructions/Note:
Preservation Code:							A	A		
~~LAOW11-1~~ LARW11-1	10/2/24	1125	G	Water			X	X		
~~LAOW11-3~~ LARW11-3	10/1/24	1255	G	Water			X	X		
~~LAOW11-2~~ LARW11-2	10/1/24	1342	G	Water			X	X		
~~MW-5~~				~~Water~~						
~~MW-~~ 11R	10/2/24	1145	G	Water			X	X		
~~MW-12~~				Water						
~~MW-14~~				Water						
~~MW-15~~				Water						
~~MW-19~~				Water						
~~MW-20~~				~~Water~~						
~~URS-~~ 3R	10/1/24	1533	G	Water			X	X		

480-224025 Chain of Custody

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

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☑ Disposal By Lab ☐ Archive For _____ Months

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

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:
Relinquished by:	Date/Time: 10/3/24	Company: ~~EHS~~	Received by:
Relinquished by:	Date/Time:	Company:	Received by:
Relinquished by:	Date/Time:	Company:	Received by: Date/Time: 10/3/24 1020 Company: FAB

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

Cooler Temperature(s) °C and Other Remarks: 3.8 IR #5C

Ver: 05/06/2024

10/10/2024

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

Chain of Custody Record

eurofins | Environment Testing

Client Information	Sampler: Meredith Duncan	Lab PM: Beninati, John	Carrier Tracking No(s):	COC No: 480-199215-39820.2
Client Contact: Kris Blumm	Phone: 618-457-2619	E-Mail: John.Beninati@et.eurofinsus.com	State of Origin: NY	Page: Page 2 of 4
Company: EHS Support, LLC	PWSID:			Job #:
Address: 814 E Washington Street	Due Date Requested:			
City: Louisville	TAT Requested (days):			
State, Zip: KY, 40206	Compliance Project: Δ Yes Δ No			
Phone:	PO #: PO1106588			
Email: kris.blumm@ehs-support.com	WO #: Task 400			
Project Name: Ashland Lee Ave. Railroad - Norwich,NY	Project #: 48016401			
Site:	SSOW#:			

Analysis Requested

Preservation Codes: A - HCL

Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8260C - TCL VOCs	8260C - TCL VOCs + TICs	Total Number of containers	Special Instructions/Note:
			Preservation Code:				A	A		
~~URS-12~~				~~Water~~						
~~URS-13~~				~~Water~~						
~~URS-14~~				~~Water~~						
~~LAOW11_4~~				~~Water~~						
~~LAOW11_5~~				~~Water~~						
MW-10R	10/1/24	1450	G	Water			X	X		
MW-7	10/2/24	0952	G	Water			X	X		
MW-8	10/2/24	0918	G	Water			X	X		
MW-9	10/2/24	1030	G	Water			X	X		
~~MW-16~~				~~Water~~						
~~MW-17~~				~~Water~~						

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

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☑ Disposal By Lab ☐ Archive For _____ Months

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

Special Instructions/QC Requirements:

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

Relinquished by:	Date/Time: 10/3/24	Company: EHS	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

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

Ver: 05/06/2024

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

Chain of Custody Record

eurofins | Environment Testing

Client Information	Sampler: Meredith Duncan	Lab PM: Beninati, John	Carrier Tracking No(s):	COC No: 480-199215-39820.3
Client Contact: Kris Blumm	Phone: 678-457-2619	E-Mail: John.Beninati@et.eurofinsus.com	State of Origin: NY	Page: Page 3 of 4
Company: EHS Support, LLC	PWSID:			Job #:
Address: 814 E Washington Street	Due Date Requested:			
City: Louisville	TAT Requested (days):			
State, Zip: KY, 40206	Compliance Project: Δ Yes Δ No			
Phone:	PO #: PO1106588			
Email: kris.blumm@ehs-support.com	WO #: Task 400			
Project Name: Ashland Lee Ave. Railroad - Norwich,NY	Project #: 48016401			
Site:	SSOW#:			

Analysis Requested

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8260C - TCL VOCs	8260C - TCL VOCs + TICs	Total Number of containers	Special Instructions/Note:
			Preservation Code:				A	A		
~~MW-18~~				~~Water~~						
URS-75	10/2/24	1522	G	Water			X	X		
URS-95	10/2/24	1325	G	Water		Y	X	X		
URS-6I	10/2/24	1232	G	Water			X	X		
URS-85	10/2/24	1416	G	Water			X	X		
~~DUP-1~~	~~10/2/24~~		G	~~Water~~			X	X		
DUP-1	10/2/24	—	G	Water			X	X		
MS - URS-95	10/2/24	1325	G	Water			X	X		
MSD - URS-95	10/2/24	1325	G	Water			X	X		
~~MS~~				Water						
~~MSD~~				Water						

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

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

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☑ Disposal By Lab ☐ Archive For _____ Months

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:
Relinquished by:	Date/Time: 10/3/24	Company: ~~FHC~~	Received by: / Date/Time: / Company
Relinquished by:	Date/Time:	Company	Received by: / Date/Time: / Company
Relinquished by:	Date/Time	Company	Received by: / Date/Time: / Company

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

Cooler Temperature(s) °C and Other Remarks:

Ver: 05/06/2024

10/10/2024

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

Chain of Custody Record

eurofins | Environment Testing

Client Information	Sampler: Meredith Duncan	Lab PM: Beninati, John	Carrier Tracking No(s):	COC No: 480-199215-39820.5
Client Contact: Kris Blumm	Phone: 678-457-2619	E-Mail: John.Beninati@et.eurofinsus.com	State of Origin: NY	Page: Page 4 of 4
Company: EHS Support, LLC	PWSID:			Job #:
Address: 814 E Washington Street	Due Date Requested:			
City: Louisville	TAT Requested (days):			
State, Zip: KY, 40206	Compliance Project: Δ Yes Δ No			
Phone:	PO #: PO1106588			
Email: kris.blumm@ehs-support.com	WO #: Task 400			
Project Name: Ashland Lee Ave. Railroad - Norwich,NY	Project #: 48016401			
Site:	SSOW#:			

Analysis Requested

Preservation Codes: A - HCL

Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8260C - TCL VOCs	8260C - TCL VOCs + TICs	Total Number of containers	Special Instructions/Note:
			Preservation Code:		X	X	A	A	X	
				Water						
Trip Blank	—	—	—	Water			X	X		
~~Trip Blank~~				~~Water~~						
~~Trip Blank~~				Water						

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

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☑ Disposal By Lab ☐ Archive For _____ Months

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

Special Instructions/QC Requirements:

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

Relinquished by:	Date/Time: 10/3/24	Company: EHS	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

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

Ver: 05/06/2024

10/10/2024

Login Sample Receipt Checklist

Client: EHS Support, LLC

Job Number: 480-224025-1

Login Number: 224025
List Number: 1
Creator: Wallace, Cameron

List Source: Eurofins Buffalo

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

Accreditation/Certification Summary

Client: EHS Support, LLC
Job ID: 480-224025-1
Project/Site: Ashland Lee Ave. Railroad - Norwich,NY

Laboratory: Eurofins Buffalo

The accreditations/certifications listed below are applicable to this report.

Authority	Program	Identification Number	Expiration Date
New York	NELAP	10026	03-31-25

Appendix C Tier II Validation Reports

EHS Support Validation Report Number: 761

Lee Avenue Railroad,
Norwich, New York

Sample Delivery Group:

480-224023-1

Analyses:

VOC

Review Level:

Tier II

Analyses performed by:

Eurofins
Buffalo, New York

EHS Support℠

Report Date:

November 20, 2024

Table of Contents

List of In-Text Tables

List of Appendices

1 Sample and Analytical Protocol Summary

Water samples were collected at the Lee Road Avenue Area in Norwich, New York and were analyzed by United States Environmental Protection Agency (USEPA) SW-846 Method 8260C for volatile organic compounds (VOCs). Samples included in this sample delivery group (SDG) and in this data validation report are listed in **Table 1**.

Table 1 Sample and Analytical Protocol Summary

SDG	Lab Sample ID	Field Sample ID	Sample Matrix	Sample Collection Date	VOC Analysis
480-224023-1	480-224023-1	URS-1R	Water	10/1/2024	X
480-224023-1	480-224023-2	URS-4S	Water	10/2/2024	X
480-224023-1	480-224023-3	MW-18	Water	10/2/2024	X
480-224023-1	480-224023-4	LAOW-11-1	Water	10/1/2024	X
480-224023-1	480-224023-5	URS-12	Water	10/1/2024	X
480-224023-1	480-224023-6	URS-13	Water	10/2/2024	X
480-224023-1	480-224023-7	MW-20	Water	10/2/2024	X
480-224023-1	480-224023-8	URS-14	Water	10/2/2024	X
480-224023-1	480-224023-9	URS-2S	Water	10/2/2024	X
480-224023-1	480-224023-10	URS-10S	Water	10/2/2024	X
480-224023-1	480-224023-11	DUP2	Water	10/2/2024	X
480-224023-1	480-224023-12	LAOW-11-4	Water	10/1/2024	X
480-224023-1	480-224023-13	MW-12	Water	10/2/2024	X
480-224023-1	480-224023-14	LAOW-11-5	Water	10/1/2024	X
480-224023-1	480-224023-15	LAOW-11-6	Water	10/2/2024	X
480-224023-1	480-224023-16	MW-13	Water	10/2/2024	X
480-224023-1	480-224023-17	MW-15	Water	10/1/2024	X
480-224023-1	480-224023-18	LAOW-11-9	Water	10/1/2024	X
480-224023-1	480-224023-19	MW-14	Water	10/1/2024	X
480-224023-1	480-224023-20	TRIP BLANK	Water	10/1/2024	X
480-224023-1	480-224023-21	EB1	Water	10/1/2024	X
480-224023-1	480-224023-22	EB2	Water	10/2/2024	X

Notes:
SDG = sample delivery group
VOC = volatile organic compounds

2 Data Review Summary

2.1 Guidelines and Qualifiers

Data were reviewed in accordance with USEPA Contract Laboratory Program National Functional Guidelines Organic (USEPA, 2017), laboratory analytical methods, and professional judgment. It is expected that the laboratory conducted a sufficient quality review of the data before reporting. While quality control (QC) is meant to increase confidence in analytical data, it is important to note that no compound concentration is guaranteed to be accurate, even if all QC criteria are met.

Data validation includes a review of reported results and supporting documentation in the laboratory report. Based on this evaluation, qualifiers may be added, deleted, or modified. Results are qualified with the following codes in accordance with the USEPA National Functional Guidelines (**Table 2**).

Table 2 Qualifier Codes and Definitions

Qualifier Code	Definition
U	The analyte was included in the analysis but was not detected above the reported quantitation limit, or the result is considered non-detect as a consequence of associated blank contamination.
UJ	The analyte was included in the analysis but was not detected. The reported quantitation limit is approximate and may be inaccurate or imprecise.
J	The result is an estimated quantity. The associated numerical value is the approximate concentration of the analyte in the sample. When applied to TICs, the "J" qualifier means that the detected compound cannot be identified.
R	The data are unusable. The sample results are rejected due to serious deficiencies in meeting QC criteria. The analyte may or may not be present in the sample.

Notes:
QC = quality control
TIC = tentatively identified compound

2.2 Sample Custody and Receipt

The chain of custody was properly completed, aside from the relinquishing/receiving information being incomplete. It is assumed that custody was maintained. No issues expected to impact data quality were encountered. No notes were encountered that indicate issues with sample condition upon receipt; samples appear to have been received in good condition and appropriately preserved.

2.3 Assessment Summary and Data Usability

In this SDG, no QC excursions encountered led to the rejection of data. Results reported in this SDG are considered usable. The specific QC variances and data qualification are outlined in this report. Records that have updated qualifiers are presented in **Appendix A**.

3 Volatile Organic Compound Analysis

3.1 Preservation and Holding Times

Acceptance criteria were met. Relevant preservation and holding time requirements for VOCs are presented in **Table 3**.

Table 3 Preservation and Holding Time Requirements – Volatile Organic Compounds

Method	Matrix	Preservation	Holding Time
Method 8260	Water	Less than or equal to 6°C; HCl to pH less than 2; no headspace	14 days
		Less than or equal to 6°C; no headspace	7 days

Notes:
°C = degrees Celsius
HCl = hydrochloric acid

3.2 Blanks

Blanks are analyzed to identify contamination that may have been introduced into samples. There are several types of blanks that undergo different portions of the process undergone by field samples. Blanks are containers of analyte-free water (and in some cases, analyte-free or 'clean' sand when associated samples are solids) that are preserved and analyzed the same as field samples. The following are some common types of blanks:

- Laboratory method blanks indicate contamination introduced during sample preparation and/or analysis from sources such as reagents, glassware, equipment, sample handling, and ambient laboratory conditions.
- Trip blanks identify contamination introduced at any point during the "trip," which begins with the empty containers and their transportation to the site and includes field activity, shipment to the laboratory, and analysis.
- Field blanks identify contamination introduced from bottleware and ambient conditions.
- Equipment blanks indicate the effectiveness of the field decontamination procedures as well as contamination from new sampling equipment. They also identify contamination introduced from bottleware and ambient conditions.

No field sample results were qualified due to trip blank results. Chloroform was detected in the trip blank but not detected in field samples; therefore, no qualification was needed.

3.3 Surrogates

Surrogates are chemicals that are similar to target compounds in chemical composition and chromatography but are not expected to be present in samples. Each field sample and QC sample is spiked with a known concentration of the appropriate surrogate compound(s) before sample preparation and analysis. Surrogates are incorporated into samples, and their recoveries are shown to predict experimental recoveries of target analytes. Surrogates are used to monitor performance of the preparation and analysis process, particularly purging efficiency, and possible matrix interference, on a sample-specific basis.

Acceptance criteria were met. The relationships between the amounts of surrogate added and the amounts of surrogate reported for each sample were within control limits.

3.4 Laboratory Control Sample/ Laboratory Control Sample Duplicate Analysis

A laboratory control sample is prepared when known concentrations of target analytes are spiked into an aliquot of analyte-free material (deionized water or 'clean' sand). The laboratory control sample undergoes the same preparation and analytical procedure as the field samples. It is analyzed to determine, without sample matrix, whether the overall procedure is working within control limits. The recoveries of the spiked analytes are evaluated to determine accuracy.

A laboratory control sample duplicate is a separately prepared QC sample that is meant to be identical to the laboratory control sample. It undergoes the same preparation and analytical procedure. Recoveries of analytes from the laboratory control sample and laboratory control sample duplicate are evaluated to access accuracy. The relative percent difference between laboratory control sample and laboratory control sample duplicate results is evaluated to assess precision.

Sample results associated with laboratory control sample recoveries and/or relative percent difference values outside control limits are listed in **Table 4.** A note in the laboratory report narrative states, "Due to the coelution of Ethyl Acetate with 2-Butanone in the full spike solution, these analytes exceeded control limits…" One batch included a laboratory control sample/laboratory control sample duplicate pair; other batches included single laboratory control samples. Limits provided in the National Functional Guidelines for percent recovery and relative percent difference values in matrix/matrix spike duplicate analyses are applied to laboratory control sample/laboratory control sample duplicate results. Compounds for which no such limits are provided in the National Functional Guidelines are evaluated using laboratory limits.

Table 4 Observed Laboratory Control Sample/ Laboratory Control Sample Duplicate Nonconformances – Volatile Organic Compounds

LCS/LCSD Sample ID	Compound	LCS and/or LCSD Recovery	Relative Percent Difference	Associated samples
LCS 480-727413/6	2-Butanone (MEK)	Greater than the upper acceptance limit.	Not applicable; LCS only.	480-224023-2 480-224023-3 480-224023-11
	Chloromethane	Greater than the upper acceptance limit.	Not applicable; LCS only.	

Notes:
LCS = laboratory control sample
LCSD = laboratory control sample duplicate
MEK = methyl ethyl ketone

Sample results associated with noncompliant laboratory control sample recoveries or relative percent difference values are qualified in accordance with **Table 5**.

Table 5 Laboratory Control Sample/ Laboratory Control Sample Duplicate Nonconformance Actions – Volatile Organic Compounds

Quality Control Nonconformance	Sample Result	Sample Result Qualification[1]
Recovery is greater than the upper acceptance limit.	Non-detect	No Action
	Detect	J
Recovery is less than the lower acceptance limit but greater than 10 percent.	Non-detect	UJ
	Detect	J
Recovery is less than 10 percent.	Non-detect	R
	Detect	J
Laboratory control sample/laboratory control sample duplicate relative percent difference is greater than the upper acceptance limit.	Non-detect	UJ
	Detect	J

Notes:
[1] See **Table 2** for qualifier definitions.

3.5 Matrix Spike/Matrix Spike Duplicate Analysis

A matrix spike is prepared when known concentrations of target analytes are spiked into an aliquot of a field sample, thus it is a spiked sample. The matrix spike undergoes the same preparation and analytical procedure as normal (unspiked) field samples. It is analyzed to evaluate the effects of interferences caused by the sample matrix. Poor spike recoveries could indicate matrix interference issues.

A matrix spike duplicate is a replicate of the matrix spike. It is a separate aliquot of sample into which the same concentrations of analytes are spiked; this second spiked sample is intended to be identical to the matrix spike. The matrix spike and matrix spike duplicate undergo the same preparation and analytical process as the original sample. Recoveries of analytes from the matrix spike and matrix spike duplicate are evaluated to assess accuracy and bias. The relative percent difference between the matrix spike result and the matrix spike duplicate result is evaluated to assess precision.

Not applicable; no matrix spike analysis performed on a sample in this data set was reported.

3.6 Target Compound Quantitation

Acceptable; no issues were encountered.

3.7 Field Duplicates

Acceptance criteria, shown in **Table 6**, were met. One parent sample-field duplicate sample pair was included in this SDG.

Table 6 Acceptable Parent Sample – Field Duplicate Relationships – Volatile Organic Compounds

Parent Sample and Field Duplicate Sample Concentrations	Difference
Sample and field duplicate concentrations are greater than or equal to 5x the reporting limit.	Relative percent difference is less than or equal to 30 percent (aqueous).
Sample and/or field duplicate concentration(s) is/are less than 5x the reporting limit.	Absolute difference is less than or equal to 2x the reporting limit (aqueous).

3.8 Additional Notes

Results reported at concentrations greater than the method detection limit but less than the reporting limit are considered estimated due to the inherent uncertainty associated with concentrations that are less than the reporting limit.

Tentatively identified compounds (TICs) were reported in four samples in this SDG. In each case, the analyte name is "Unknown VOC 01." Unknown TICs have been "J" qualified.

Notes in the laboratory report narrative present noncompliant recoveries of continuing calibration verification (CCV) standards. Sample results associated with CCV results that did not meet criteria are listed in **Table 7**.

Table 7 Calibration Nonconformances – Volatile Organic Compounds

Batch Associated with Noncompliant CCV	Compound	Quality Control Nonconformance	Associated Samples
480-727303	Carbon tetrachloride	Recovery is greater than upper acceptance limit.	480-224023-13 through 480-224023-22
	Methylcyclohexane	Recovery is greater than upper acceptance limit.	
480-727295	Vinyl chloride	Recovery is greater than upper acceptance limit.	480-224023-1 480-224023-5 480-224023-6 480-224023-7 480-224023-8 480-224023-9
	Carbon disulfide	Recovery is greater than upper acceptance limit.	
480-727426	Vinyl chloride	Recovery is less than the lower acceptance limit.*	480-224023-4 480-224023-10 480-224023-12
	Chloromethane	Recovery is less than the lower acceptance limit.*	
480-727413	Vinyl chloride	Recovery is greater than upper acceptance limit.	480-224023-2

Batch Associated with Noncompliant CCV	Compound	Quality Control Nonconformance	Associated Samples
480-727413	Trichlorofluoromethane	Recovery is greater than upper acceptance limit.	480-224023-3 480-224023-11

Notes:
* In the laboratory narrative, the discussion of the nonconforming recovery of this compound was accompanied by the following statement: "A reporting limit (RL) standard was analyzed, and the target analytes are detected."
CCV = continuing calibration verification

Sample results associated with non-compliant calibration values are qualified as shown in **Table 8**.

Table 8 Calibration Nonconformance Actions – Volatile Organic Compounds

Quality Control Nonconformance	Sample Result	Qualification [1]
CCV recovery is greater than upper acceptance limit.	Non-detect	No Action
	Detect	J
CCV recovery is less than the lower acceptance limit.	Non-detect	UJ
	Detect	J

Notes:
[1] See Table 2 for qualifier definitions.
CCV = continuing calibration verification

Amy Coats

Validation performed by: Amy Coats
EHS Support LLC

4 References

United States Environmental Protection Agency. (2017, January). National Functional Guidelines for Organic Superfund Methods Data Review. EPA-540-R-2017-002.

Appendix A Records with Updated Qualifiers

Table A-1 Records with Updated Qualifiers

Sample Name	Sample Date	Matrix	Fraction	Analytical Method	Analyte	Unit	Result Value	Interpreted Qualifier	Quantitation Limit Value	Lab Qualifier	Lab Sample ID	SDG
URS-10S	10/2/2024	Water	N	8260C	Chloromethane	µg/L	1	UJ	1.0	U	480-224023-10	480-224023-1
URS-10S	10/2/2024	Water	N	8260C	Vinyl Chloride	µg/L	1	UJ	1.0	U	480-224023-10	480-224023-1
DUP2	10/2/2024	Water	N	8260C	Chloromethane	µg/L	0.42	J	1.0	J*+	480-224023-11	480-224023-1
DUP2	10/2/2024	Water	N	8260C	Methyl Ethyl Ketone	µg/L	10	U	10	U*+	480-224023-11	480-224023-1
LAOW-11-4	10/1/2024	Water	N	8260C	Chloromethane	µg/L	1	UJ	1.0	U	480-224023-12	480-224023-1
LAOW-11-4	10/1/2024	Water	N	8260C	Vinyl Chloride	µg/L	1	UJ	1.0	U	480-224023-12	480-224023-1
URS-4S	10/2/2024	Water	N	8260C	Chloromethane	µg/L	1	U	1.0	U*+	480-224023-2	480-224023-1
URS-4S	10/2/2024	Water	N	8260C	Methyl Ethyl Ketone	µg/L	10	U	10	U*+	480-224023-2	480-224023-1
MW-18	10/2/2024	Water	N	8260C	Chloromethane	µg/L	1	U	1.0	U*+	480-224023-3	480-224023-1
MW-18	10/2/2024	Water	N	8260C	Methyl Ethyl Ketone	µg/L	10	U	10	U*+	480-224023-3	480-224023-1
LAOW-11-1	10/1/2024	Water	N	8260C	Chloromethane	µg/L	1	UJ	1.0	U	480-224023-4	480-224023-1
LAOW-11-1	10/1/2024	Water	N	8260C	Vinyl Chloride	µg/L	1	UJ	1.0	U	480-224023-4	480-224023-1

Notes:
*+ = laboratory control sample and/or laboratory control sample duplicate is outside acceptance limits, high biased.
µg/L = micrograms per liter
J = Result is less than the reporting limit but greater than or equal to the method detection limit, and the concentration is an approximate value.
N = not applicable
SDG = sample delivery group
U (laboratory qualifier) = Not detected at a concentration equal to or greater than the quantitation limit.
U (validation qualifier) = The analyte was included in the analysis but was not detected above the reported quantitation limit; or, the result is considered non-detect as a consequence of associated blank contamination.
UJ = The analyte was included in the analysis but was not detected. The reported quantitation limit is approximate and may be inaccurate or imprecise.

EHS Support Validation Report Number: 762

Lee Avenue Railroad,
Norwich, New York

Sample Delivery Group:

480-224025-1

Analyses:

VOC

Review Level:

Tier II

Analyses performed by:

Eurofins
Buffalo, New York

EHS Support℠

Report Date:

November 20, 2024

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List of Appendices

1 Sample and Analytical Protocol Summary

Water samples were collected at the Lee Road Avenue Area in Norwich, New York and were analyzed by United States Environmental Protection Agency (USEPA) SW-846 Method 8260C for volatile organic compounds (VOCs). Samples included in this sample delivery group (SDG) and in this data validation report are listed in **Table 1**.

Table 1 Sample and Analytical Protocol Summary

SDG	Lab Sample ID	Field Sample ID	Sample Matrix	Sample Collection Date	VOC Analysis
480-224025-1	480-224025-1	LARW-11-1	Water	10/2/2024	X
480-224025-1	480-224025-2	LARW-11-3	Water	10/1/2024	X
480-224025-1	480-224025-3	LARW-11-2	Water	10/1/2024	X
480-224025-1	480-224025-4	MW-11R	Water	10/2/2024	X
480-224025-1	480-224025-5	URS-3R	Water	10/1/2024	X
480-224025-1	480-224025-6	MW-10R	Water	10/1/2024	X
480-224025-1	480-224025-7	MW-7	Water	10/2/2024	X
480-224025-1	480-224025-8	MW-8	Water	10/2/2024	X
480-224025-1	480-224025-9	MW-9	Water	10/2/2024	X
480-224025-1	480-224025-10	URS-7S	Water	10/2/2024	X
480-224025-1	480-224025-11	URS-9S	Water	10/2/2024	X
480-224025-1	480-224025-12	URS-6I	Water	10/2/2024	X
480-224025-1	480-224025-13	URS-8S	Water	10/2/2024	X
480-224025-1	480-224025-14	DUP-1	Water	10/2/2024	X
480-224025-1	480-224025-15	TRIP BLANK	Water	10/2/2024	X

Notes:
SDG = sample delivery group
VOC = volatile organic compounds

2 Data Review Summary

2.1 Guidelines and Qualifiers

Data were reviewed in accordance with USEPA Contract Laboratory Program National Functional Guidelines Organic (USEPA, 2017), laboratory analytical methods, and professional judgment. It is expected that the laboratory conducted a sufficient quality review of the data before reporting. While quality control (QC) is meant to increase confidence in analytical data, it is important to note that no compound concentration is guaranteed to be accurate, even if all QC criteria are met.

Data validation includes a review of reported results and supporting documentation in the laboratory report. Based on this evaluation, qualifiers may be added, deleted, or modified. Results are qualified with the following codes in accordance with the USEPA National Functional Guidelines (**Table 2**).

Table 2 Qualifier Codes and Definitions

Qualifier Code	Definition
U	The analyte was included in the analysis but was not detected above the reported quantitation limit, or the result is considered non-detect as a consequence of associated blank contamination.
UJ	The analyte was included in the analysis but was not detected. The reported quantitation limit is approximate and may be inaccurate or imprecise.
J	The result is an estimated quantity. The associated numerical value is the approximate concentration of the analyte in the sample. When applied to TICs, the "J" qualifier means that the detected compound cannot be identified.
R	The data are unusable. The sample results are rejected due to serious deficiencies in meeting QC criteria. The analyte may or may not be present in the sample.

Notes:
QC = quality control
TIC = tentatively identified compound

2.2 Sample Custody and Receipt

The chain of custody was properly completed except that the relinquishing/receiving information is incomplete. It is assumed that custody was maintained. No issues expected to impact data quality were encountered. No notes were encountered that indicate issues with sample condition upon receipt; samples appear to have been received in good condition and appropriately preserved.

2.3 Assessment Summary and Data Usability

In this SDG, no QC excursions encountered led to the rejection of data. Results reported in this SDG are considered usable. The specific QC variances and data qualification are outlined in this report. Records that have updated qualifiers are presented in **Appendix A**.

3 Volatile Organic Compound Analysis

3.1 Preservation and Holding Times

Acceptance criteria were met. Relevant preservation and holding time requirements for VOCs are presented in **Table 3**.

Table 3 Preservation and Holding Time Requirements – Volatile Organic Compounds

Method	Matrix	Preservation	Holding Time
Method 8260	Water	Less than or equal to 6°C; HCl to pH less than 2; no headspace	14 days
		Less than or equal to 6°C; no headspace	7 days

Notes:
°C = degrees Celsius
HCl = hydrochloric acid

3.2 Blanks

Blanks are analyzed to identify contamination that may have been introduced into samples. There are several types of blanks that undergo different portions of the process undergone by field samples. Blanks are containers of analyte-free water (and in some cases, analyte-free or 'clean' sand when associated samples are solids) that are preserved and analyzed the same as field samples. The following are some common types of blanks:

- Laboratory method blanks indicate contamination introduced during sample preparation and/or analysis from sources such as reagents, glassware, equipment, sample handling, and ambient laboratory conditions.
- Trip blanks identify contamination introduced at any point during the "trip," which begins with the empty containers and their transportation to the site and includes field activity, shipment to the laboratory, and analysis.
- Field blanks identify contamination introduced from bottleware and ambient conditions.
- Equipment blanks indicate the effectiveness of the field decontamination procedures as well as contamination from new sampling equipment. They also identify contamination introduced from bottleware and ambient conditions.

Acceptance criteria were met. No detections were reported from the laboratory method blanks or trip blank in this data set.

3.3 Surrogates

Surrogates are chemicals that are similar to target compounds in chemical composition and chromatography but are not expected to be present in samples. Each field sample and QC sample is spiked with a known concentration of the appropriate surrogate compound(s) before sample preparation and analysis. Surrogates are incorporated into samples, and their recoveries are shown to predict experimental recoveries of target analytes. Surrogates are used to monitor performance of the preparation and analysis process, particularly purging efficiency, and possible matrix interference, on a sample-specific basis.

Acceptance criteria were met. The relationships between the amounts of surrogate added and the amounts of surrogate reported for each sample were within control limits.

3.4 Laboratory Control Sample Analysis

A laboratory control sample is prepared when known concentrations of target analytes are spiked into an aliquot of analyte-free material (deionized water or 'clean' sand). The laboratory control sample undergoes the same preparation and analytical procedure as the field samples. It is analyzed to determine, without sample matrix, whether the overall procedure is working within control limits. The recoveries of the spiked analytes are evaluated to determine accuracy.

Acceptance criteria were met. Recoveries were within control limits.

3.5 Matrix Spike/Matrix Spike Duplicate Analysis

A matrix spike is prepared when known concentrations of target analytes are spiked into an aliquot of a field sample, thus it is a spiked sample. The matrix spike undergoes the same preparation and analytical procedure as normal (unspiked) field samples. It is analyzed to evaluate the effects of interferences caused by the sample matrix. Poor spike recoveries could indicate matrix interference issues.

A matrix spike duplicate is a replicate of the matrix spike. It is a separate aliquot of sample into which the same concentrations of analytes are spiked; this second spiked sample is intended to be identical to the matrix spike. The matrix spike and matrix spike duplicate undergo the same preparation and analytical process as the original sample. Recoveries of analytes from the matrix spike and matrix spike duplicate are evaluated to assess accuracy and bias. The relative percent difference between the matrix spike result and the matrix spike duplicate result is evaluated to assess precision.

Acceptance criteria were met. The matrix spike/matrix spike duplicate analysis was performed on sample 480-224025-11. Limits provided in the National Functional Guidelines for percent recovery and relative percent difference values are applied. Compounds for which no such limits are provided in the National Functional Guidelines are evaluated using laboratory limits.

3.6 Target Compound Quantitation

Acceptable; no issues were encountered.

3.7 Field Duplicates

Acceptance criteria, shown in **Table 4**, were met. One parent sample-field duplicate sample pair was included in this SDG.

Table 4 Acceptable Parent Sample – Field Duplicate Relationships – Volatile Organic Compounds

Parent Sample and Field Duplicate Sample Concentrations	Difference
Sample and field duplicate concentrations are greater than or equal to 5x the reporting limit.	Relative percent difference is less than or equal to 30 percent (aqueous).
Sample and/or field duplicate concentration(s) is/are less than 5x the reporting limit.	Absolute difference is less than or equal to 2x the reporting limit (aqueous).

3.8 Additional Notes

Results reported at concentrations greater than the method detection limit but less than the reporting limit are considered estimated due to the inherent uncertainty associated with concentrations that are less than the reporting limit.

Tentatively identified compounds (TICs) were reported in several samples in this SDG. In each case, the analyte name is "Unknown VOC 01." Unknown TICs have been "J" qualified.

The laboratory narrative includes the following notes about sample dilutions:

- "The following sample was diluted to bring the concentration of target analytes within the calibration range: LARW-11-2 (480-224025-3). Elevated reporting limits (RLs) are provided."
- "The following volatiles sample was diluted due to foaming at the time of purging during the original sample analysis: MW-11R (480-224025-4). Elevated reporting limits (RLs) are provided."
- "The following sample was diluted to bring the concentration of target analytes within the calibration range: URS-3R (480-224025-5). Elevated reporting limits (RLs) are provided."

Notes in the laboratory report narrative present noncompliant recoveries of continuing calibration verification (CCV) standards. Sample results associated with CCV results that did not meet criteria are listed in **Table 5**.

Table 5 Calibration Nonconformances – Volatile Organic Compounds

Batch Associated with Noncompliant CCV	Compound	Quality Control Nonconformance	Associated Samples
480-727303	Carbon tetrachloride	Greater than upper acceptance limit	480-224025-1 480-224025-2 480-224025-3 480-224025-4
	Methylcyclohexane	Greater than upper acceptance limit	
480-727426	Chloromethane	Recovery is less than the lower acceptance limit.*	480-224025-5
	Vinyl chloride	Recovery is less than the lower acceptance limit.**	

Notes:
* In the laboratory narrative, the discussion of the nonconforming recovery of this compound was accompanied by the following statement: "A reporting limit (RL) standard was analyzed, and the target analytes are detected."

** In the laboratory narrative, the discussion of the nonconforming recovery of this compound was accompanied by the following statement: "A CCV standard at or below the reporting limit (RL) was analyzed with the affected samples and found to be acceptable."
CCV = continuing calibration verification

Sample results associated with non-compliant calibration values are qualified as shown in **Table 6**.

Table 6 Calibration Nonconformance Actions – Volatile Organic Compounds

Quality Control Nonconformance	Sample Result	Qualification[1]
CCV recovery is greater than upper acceptance limit.	Non-detect	No Action
	Detect	J
CCV recovery is less than the lower acceptance limit.	Non-detect	UJ
	Detect	J

Notes:
[1] See **Table 2** for qualifier definitions.
CCV = continuing calibration verification

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4 References

United States Environmental Protection Agency. (2017, January). National Functional Guidelines for Organic Superfund Methods Data Review. EPA-540-R-2017-002.

Appendix A Records with Updated Qualifiers

Table A-1 Records with Updated Qualifiers

Sample Name	Sample Date	Matrix	Fraction	Analytical Method	Analyte	Unit	Result Value	Interpreted Qualifier	Quantitation Limit Value	Lab Qualifier	Lab Sample ID	SDG
URS-3R	10/1/2024	Water	N	8260C	Chloromethane	µg/L	200	UJ	200	U	480-224025-5	480-224025-1
URS-3R	10/1/2024	Water	N	8260C	Vinyl Chloride	µg/L	6600	J	200		480-224025-5	480-224025-1

Notes:
µg/L = micrograms per liter
N = not applicable
SDG = sample delivery group
U (laboratory qualifier) = Not detected at a concentration equal to or greater than the quantitation limit.
UJ = The analyte was included in the analysis but was not detected. The reported quantitation limit is approximate and may be inaccurate or imprecise.