

April 13, 2022

Mr. Gary Priscott, P.G.
Division of Environmental Remediation
New York State Department of Environmental Conservation
1679 Route 11
Kirkwood, NY 13795

Submitted electronically gary.priscott@dec.ny.gov

**Subject: Groundwater Monitoring Report 2021 Event
Lee Avenue Railroad Area
Norwich, New York
NYSDEC #709014**

Dear Mr. Priscott:

EHS Support LLC ("EHS Support") has prepared the enclosed *Groundwater Monitoring Report 2021 Event* for the Lee Avenue Railroad Area Site in Norwich, New York, ("the Site") on behalf of Hercules Incorporated ("Hercules", previously acquired by Ashland LLC), 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).

A fifth round of annual groundwater monitoring was performed in 2021 in accordance with the following documents:

- *Remedial Action Work Plan* dated August 8, 2017;
- *Interim Groundwater Monitoring Plan – Source Area* dated October 23, 2018;
- *Groundwater Monitoring Plan for the Source and Dilute-Plume Areas* dated May 21, 2019;
- *Groundwater Field Activities Plan (Appendix J to the Site Management Plan)* dated February 26, 2021; and
- *Quality Assurance Project Plan (Appendix I to the Site Management Plan)* dated February 26, 2021.

As detailed in the schedule provided as part of the *Site Management Plan* dated February 26, 2021, the next round of groundwater monitoring at the Site is planned for summer-fall 2022 (Covid-19-permitting), and the next *Groundwater Monitoring Report* will be submitted to the NYSDEC in March 2023. If you have any questions or would like to discuss this report, please contact Cassie Johnson at 608-558-6795.



I, Cassie R. Johnson, 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 April 2021 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,

Cassie R. Johnson, P.E.
Wisconsin Professional Engineer No. E-39526
EHS Support LLC

Danielle Gugliemotto
Project Geologist
EHS Support LLC

cc: Melissa Doroski, New York State Department of Health
James Vondracek, Hercules Incorporated
Kristin VanLandingham, P.E., EHS Support LLC
Greg White, P.G., EHS Support LLC

Enclosure

Mr. Gary Priscott, P.G.
Groundwater Monitoring Report
April 13, 2022



Enclosure

Groundwater
Monitoring Report
2021 Event
Lee Avenue Railroad
Area
Norwich, NY

Prepared for:

HERCULES

Prepared by:

EHS  **Support**[™]

April 2022



Table of Contents

1	Introduction	1
1.1	Site Description	1
1.2	Previous Activities.....	1
1.2.1	Previous Investigations	2
1.2.2	Remedial Actions	3
1.2.3	Post-Remediation Groundwater Monitoring.....	3
2	Environmental Setting.....	5
2.1	Site Geology	5
2.2	Site Hydrogeology	5
3	2021 Groundwater Sampling Field Activities	7
3.1	Water Level Gauging.....	7
3.2	Groundwater Sampling.....	2
3.3	Biogenic Gas Measurements	3
3.4	Sample Laboratory Analysis.....	3
3.5	Quality Control Sampling and Analysis	3
3.6	Water Quality Standards.....	4
3.7	Data Quality Review.....	4
4	Groundwater Sampling Results	5
4.1	Groundwater Analytical Results and Comparison to Standards.....	5
4.2	Bioremediation Performance Assessment	6
4.2.1	Geochemical Evaluation	6
4.2.2	Microbial Evaluation	7
5	Next Steps	8
6	References.....	9



Embedded Table

Table 4-1	Trichloroethylene Concentrations in Groundwater, 2017 and 2021
-----------	--

List of Attached Tables

Table 1	Sampling Event Schedule
Table 2	Well Construction Table
Table 3	Water Level Gauging and Field Parameters – Near-Source Area Well Network
Table 4	Water Level Gauging and Field Parameters – Downgradient Well Network
Table 5	Laboratory Method Summary
Table 6	Equipment and Trip Blank Results – VOCs
Table 7	Groundwater Analytical Results – VOCs
Table 8	Groundwater Analytical Results – Geochemical Parameters
Table 9	Lines of Evidence for Bioremediation – Three-Year Performance Results Summary

List of Figures

Figure 1	Site Location Map
Figure 2	Site Layout Map
Figure 3	Unconfined Aquifer Groundwater Contour Map
Figure 4	Groundwater Sampling Locations
Figure 5	Isocontours for TCE in Groundwater – 2021

List of Appendices

Appendix A	2021 Field Sampling Logs
Appendix B	Laboratory Analytical Reports – VOCs and Geochemical Parameters
Appendix C	Tier II Validation Reports for VOCs
Appendix D	TCE Plume Overtime



Acronyms

1,1,1-TCA	1,1,1-trichloroethane
µg/L	micrograms 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
DTW	depth to water
EDD	electronic data deliverable
EVO	emulsified vegetable oil
FER	Final Engineering Report
GMP	Groundwater Monitoring Plan
GWMR	Groundwater Monitoring Report
HRO	High Retention Oil
MS/MSD	matrix spike/matrix spike duplicate
NGS	Next-Generation Sequencing
NGVD29	National Geodetic Vertical Datum of 1929
NYCRR	New York Codes, Rules and Regulations
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
PCE	tetrachloroethene
QA	quality assurance
QAPP	Quality Assurance Project Plan
QC	quality control
qPCR	quantitative polymerase chain reaction
RI	remedial investigation
RIR	Remedial Investigation Report
ROD	Record of Decision
ROW	right of way
SMP	Site Management Plan
SSDS	sub-slab depressurization system
TCE	trichloroethylene
TIC	total inorganic compound



Groundwater Monitoring Report – 2021 Event
Acronyms

trans-1,2-DCE	trans-1,2-dichloroethene
USEPA	United States Environmental Protection Agency
USGS	United States Geological Survey
VC	vinyl chloride
VOC	volatile organic compound

Trademarks, trade names, company, or product names referenced herein are used for identification purposes only and are the property of their respective owners.



Executive Summary

This Groundwater Monitoring Report (GWMR) presents sampling data collected in 2021 for the Lee Avenue Railroad Area Site, located adjacent to 1-11 Lee Avenue in Norwich, New York (“the Site”). EHS Support LLC (“EHS Support”) is submitting this report to the New York State Department of Environmental Conservation (NYSDEC) on behalf of Hercules Incorporated (“Hercules,” previously acquired by Ashland LLC). Sampling was conducted pursuant to the Record of Decision (ROD) issued by the 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 2021 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 (EHS Support, 2021c)

The post-remediation groundwater data collected in 2021 continues to show Near-Source Area degradation, as well as decreased trichloroethylene (TCE) concentrations in the dilute downgradient plume area, as compared to the baseline groundwater data collected in 2017. In both the Near-Source Area and the downgradient area, TCE concentrations are now typically an order of magnitude lower than concentrations before the implementation of *in situ* enhanced bioremediation in 2018.



1 Introduction

This Groundwater Monitoring Report (GWMR) presents sampling data collected in 2021 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 Incorporated (“Hercules,” previously acquired by Ashland LLC).

A five-year groundwater monitoring program is being implemented to monitor the effectiveness of *in situ* bioremediation performed to foster continued degradation of chlorinated volatile organic compounds (CVOCs) associated with the Site. Groundwater monitoring was performed in 2021 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 (GMP) (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)
- Site Management Plan (SMP) (EHS Support, 2021c)

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), and 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 (ROW) 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 bounded by continued CCIDA property operated by NYS&W to the north and south, mixed industrial and residential properties to the east, and residential properties to the west. The Site is bisected east-west by Rexford Street (**Figure 2**). The Site is approximately 1,750 feet west of the Chenango River and less than 0.5 miles 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 the Investigation Study Area. Investigations began in 2004, and have included investigations for groundwater, soil, and soil vapor, with remediation activities performed to address 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’ 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 SMP (EHS Support, 2021c).

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 post-remediation 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**.

1.2.1 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 [1,1,1-TCA], cis-1,2-dichloroethene [cis-1,2-DCE], tetrachloroethene [PCE]) 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 and 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**.



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 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 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 (NYCRR) Title 6, Part 375-6.8 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 ROW.

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 (EVO), consisting of Newman Zone High Retention Oil [HRO][™] and associated amendments, into five injection wells at the Site. The remediation activities were summarized in Quarterly Progress Reports submitted to the NYSDEC in May 2018 (EHS Support, 2018b) and August 2018 (EHS Support, 2018c).

1.2.3 Post-Remediation Groundwater Monitoring

For the development of the post-remediation sampling network, monitoring wells were evaluated based on analytical results and the location horizontally and vertically within the network. Wells were included in the sampling program if the 2011, 2013, and 2017 data exceeded NYSDEC Class GA Groundwater Quality Standards¹, 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 provided duplicate data.

The post-remediation 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 evaluation area.

Post-remediation groundwater monitoring events through 2020 are reported in the Groundwater Monitoring Report 2017 – 2020 Events (EHS Support, 2021d). The four events included in the report are as follows:

- July 2017 – Pre-remediation “baseline event” – 38 wells

¹ Class A groundwater standard established for potable water.



- 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

The August 2021 groundwater monitoring event (three years after remediation – 22 wells) is detailed in **Section 3** and **Section 4**.

There are 13 additional groundwater monitoring wells that are located downgradient from the Site that are either located outside the TCE plume or would provide duplicate data if included in annual groundwater monitoring events. These wells will be sampled in 2022 (i.e., five years after the 2017 baseline sampling event) for VOCs per the GMP (EHS Support, 2018a). **Table 1** outlines the sampling schedule.



2 Environmental Setting

The 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 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. Alluvial deposits appear to be reworked and some fill material was noted directly on top of the low permeability shale and siltstone within the Site vicinity, with a bedrock outcrop immediately west of the railroad tracks. The erosional bedrock surface dips approximately 3 degrees 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 the 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, and potentially sporadic, accumulation of infiltrated rainwater within a depression in the bedrock surface. Based on the perceived localized nature of the Perched Zone, the 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, 2011).

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 bounded by the bedrock valley and the 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 the water supply in the City of Norwich (City of Norwich, 2011). 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 2021 Groundwater Sampling Field Activities

The selected network of 22 wells monitors upgradient, on-site, and downgradient groundwater conditions at the Site (**Figure 4**). The network of on-site and off-site wells was designed based on the following criteria:

- Near-Source Area Monitoring Network (8 wells) – on-site and off-site locations selected for *in situ* bioremediation sampling. This network was sampled for VOCs, total inorganic compounds (TICs), and geochemical parameters. Samples from this well network were also analyzed for microbial activity during sampling events conducted between 2017 and 2019 (EHS Support, 2021d). The 8 Near-Source Area wells are:

○ LARW11-2	○ URS-3R
○ LARW11-3	○ URS-7S
○ MW-11R	○ URS-8S
○ URS-1R	○ URS-9S

- Downgradient Dilute Plume Monitoring Network (14 wells) – off-site locations selected to monitor the extent of the dilute TCE plume. This network was sampled for VOCs. The 14 downgradient wells are:

○ LAOW11-1	○ MW-12	○ URS-2S
○ LAOW11-6	○ MW-14	○ URS-12
○ LAOW11-9	○ MW-15	○ URS-13
○ MW-5	○ MW-19	○ URS-14
○ MW-9	○ MW-20	

The Groundwater Field Activities Plan (EHS Support, 2021a) summarized the methods and procedures used for performing groundwater monitoring at the Site. Groundwater sampling procedures comply 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 2021 and **Table 2** provides well construction details. **Table 3** and **Table 4** summarize the water level gauging and field parameter measurements, and **Table 5** summarizes the laboratory methods. The analytical results are discussed in **Section 4**.

3.1 Water Level Gauging

Depth-to-groundwater measurements were collected during the 2021 monitoring event using an electronic level meter/interface probe. 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. Water level measurements and calculated elevation data are summarized in **Table 3** and **Table 4**.

The water levels recorded during synoptic gauging on August 24, 2021 were generally consistent with the water levels measured during the RI in 2014, as illustrated on the potentiometric surface map



(**Figure 3**), with water levels in wells located near the Site generally around 1,000 feet NGVD29 and water levels in wells located near the Chenango River generally around 990 feet NGVD29.

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 immediately before each day's 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. Field measurements for pH, temperature, dissolved oxygen (DO), oxidation-reduction potential (ORP), specific conductance, turbidity, and depth to water (DTW), as well as visual and olfactory field observations, were recorded every three to five minutes and monitored until the measurements stabilized. Stability was defined as variations between field measurements within the following parameters:

- pH $\pm$ 0.1 standard units
- Temperature $\pm$ 3% degrees Celsius
- DO $\pm$ 10% milligrams per liter
- ORP $\pm$ 10.0 millivolts
- Specific conductance $\pm$ 3% milliSiemens per centimeter
- Turbidity $\pm$ 10% Nephelometric turbidity units
- DTW less than 0.33 feet

Once field parameters were stabilized, groundwater samples were collected in laboratory-supplied sample bottles (**Table 5**). Sample bottles and disposable equipment (e.g., tubing) were not cleaned or reused in the field.

The following deviations from the Groundwater Field Activities Plan (EHS Support, 2021a) occurred in 2021:

- MW-5 was not sampled due to insufficient groundwater volume.
- URS-3R was not sampled due to insufficient groundwater volume and amendment material in the well.
- Wells MW-11R and URS-2S were allowed to recharge after purging to provide sufficient yield for sampling.
- The field stabilization parameters for URS-7S were lost due to an equipment malfunction.

As detailed in the Groundwater Field Activities Plan (EHS Support, 2021a), the following additional procedures were followed:

- To prevent cross-contamination between groundwater sampling locations, the sampler collecting the groundwater samples wore clean, disposable nitrile gloves and had limited contact with the samples.
- 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 (reusable) equipment used on-site was decontaminated before beginning work, between sampling locations and/or uses, and before demobilizing from the Site.
- 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.

3.3 Biogenic Gas Measurements

Headspace measurements for biogenic gases (i.e., methane, hydrogen sulfide) were collected concurrently with the groundwater sampling activities near the *in situ* bioremediation injection area on-site. The gas measurements confirmed the localized presence of biogenic gases at wells in the vicinity of the bioremediation injection area. 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. Details related to the biogenic gas sampling measurements will be provided in the Final Engineering Report (FER).

3.4 Sample Laboratory Analysis

Groundwater samples for VOCs and geochemical parameter analysis were shipped on ice and under chain-of-custody to Eurofins TestAmerica Laboratories, 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 5**. The laboratory analytical reports are included in **Appendix B** (VOCs and Geochemical Parameters – Eurofins TestAmerica). Results are discussed in **Section 4**.

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 6**. Analytical results for the duplicate samples are included in **Table 7**, along with the 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 (EDDs) provided by the laboratory were reviewed to meet current requirements outlined in the NYSDEC EDD Manual (NYSDEC, 2018) and formatted by Electronic Data Processor software. Once the EDDs are packaged, they 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, updated to include the data qualifiers applied based on the data usability review, will be uploaded to the NYSDEC website.



4 Groundwater Sampling Results

The 2021 groundwater analytical results for VOCs are provided in **Table 7** and geochemical parameters are provided in **Table 8**. Concentrations and isocontours illustrating the extent of TCE in groundwater in 2021 (three years after the implementation of remediation) are provided in **Figure 5**.

Table 9 provides a performance summary of the lines of evidence for bioremediation, including the baseline (pre-remediation) results and the results collected during the three-year post-remediation period. **Appendix D** provides figures that present TCE data over time in the Near-Source Area, as well as downgradient.

4.1 Groundwater Analytical Results and Comparison to Standards

The post-remediation groundwater data show Near-Source Area degradation, as well as decreased TCE concentrations in the dilute downgradient plume area, as compared to the baseline groundwater data collected in 2017. TCE concentrations in 2021 were below the NYSDEC GA standard of 5 µg/L at 10 downgradient wells (**Figure 5**). TCE concentrations at downgradient well LAOW11-1 fell to below the GA standard of 5 µg/L in 2021.

Reductions in TCE concentrations have been most dramatic at Near-Source Area well URS-3R, where TCE concentrations ranged from less than 1,000 µg/L to 11,000 µg/L in post-remediation samples collected between 2018 and 2020, as compared to pre-remediation concentrations of 70,000 µg/L in 2011 and 32,000 µg/L in 2017 (EHS Support, 2021d). These TCE reductions in the Near-Source Area are presented in **Appendix D**. URS-3R could not be sampled in 2021 due to insufficient groundwater volume and amendment material (Enulsified Vegetable Oil from the 2018 enhanced bioremediation injection) in the well.

Near-source area wells URS-7S, URS-8S, and URS-9S had initial TCE concentrations three orders of magnitude less than the Near-Source Area wells (**Appendix D**). TCE is decreasing at these wells while low levels of cis-1,2-DCE are still detectable at URS-7S and URS-8S (**Table 7**). TCE concentrations have decreased an average of 93% at these three downgradient wells (**Table 4-1**).

Table 4-1 Trichloroethylene Concentrations in Groundwater, 2017 and 2021

Location	Trichloroethylene Data (µg/L)		July 2017 versus August 2021*
	Baseline July 2014	August 2021	
URS-7S	59	1.6	97.29%
URS-8S	26	2.3	91.15%
URS-9S	23	2.4	89.57%

* = percent (%) difference
µg/L = microgram per liter

Byproducts of reductive dechlorination (i.e., cis-1,2-DCE; trans-1,2-dichloroethene [trans-1,2-DCE]; and vinyl chloride [VC]) continue to indicate that active biological reductive dechlorination is occurring. These increases are expected and are likely to be degraded. VC was not detected in downgradient wells.



4.2 Bioremediation Performance Assessment

Table 9 summarizes the multiple lines of evidence that illustrate the success of the *in situ* enhanced bioremediation remedy at the Site. An assessment of the total chloroethene data indicates the following:

- There was no change, as expected, at upgradient well URS-1R.
- Groundwater chloroethene concentrations continue to decrease at distal near-source area location MW-11R. The increase in VC concentrations is normal and expected as TCE and cis-1,2-DCE are dechlorinated.
- Near-source, dilute plume locations URS-7S and URS-9S remain completely detoxified (total chlorinated ethenes less than or equal to 5 µg/L).

After three years, the remedy is performing as expected with a significant reduction of TCE seen throughout the Site. The biological dechlorination end-product (i.e., ethene) is detectable but decreasing from past monitoring events. This decrease is expected as overall chlorinated ethene concentrations decrease. Geochemical conditions and microbial measurements at the Site remain favorable for continued detoxification of chlorinated ethenes as presented in **Section 4.2.1** and **Section 4.2.2**.

4.2.1 Geochemical Evaluation

Geochemical field parameters are summarized in **Table 3** and **Table 4** for Near-Source Area wells and downgradient wells, respectively. Laboratory-analyzed geochemical parameters are provided in **Table 8** for the Near-Source Area wells. Geochemical data indicate the following:

- Oxygen remains depleted and ORP remains negative at the source wells where significant microbial activity is evident (**Section 4.2.2**), while downgradient wells remain aerobic with positive ORP.
- pH is neutral to slightly acidic (5.88 to 8.04 standard units) throughout the Site and remains hospitable to beneficial microbes. The only well with a pH below 6 standard units is URS-1R, the background well.
- Nitrite and dissolved iron (both ferric and ferrous) are low throughout the Site, except for dissolved iron at MW-11R.
- Sulfate and nitrate have increased significantly in the downgradient background monitoring locations. Little evidence of sulfate reduction exists and sulfate and nitrogen reduction do not appear to be interfering with the reductive dechlorination processes.
- Methane accumulation in Near-Source Area well MW-11R is normal and expected, correlating with highly reducing conditions and increased anaerobic microbial activity (**Section 4.2.2**).
- Acetylene was detected at low levels during post-remediation groundwater monitoring (EHS Support, 2021d), but was not detected in 2021. Acetylene is readily degraded and will not accumulate without abundant abiotic degradation of TCE; thus, continuing decreasing trends in total chlorinated ethenes result in less acetylene being produced.
- Carbon dioxide and dissolved organic carbon increased. This is likely a result of increased biological activity.

These geochemical parameters all indicate reducing conditions supporting abiotic and biological degradation of chlorinated ethenes. Carbon dioxide, chloride, sulfate, and nitrate should continue to be monitored due to the increases in concentration seen at the last sampling event. These increases do not



appear to adversely affect reductive dechlorination. Accumulation of the benign end-product (i.e., ethene) at three years after treatment indicates continued successful remediation of TCE.

4.2.2 Microbial Evaluation

Microbial parameters were not evaluated in 2021, in accordance with the GMP. The full microbial evaluation is provided in the Groundwater Monitoring Report 2017 – 2020 (EHS Support, 2021d). An overview of the microbial evaluation is as follows:

- Microbial parameter sampling was conducted concurrently with the baseline, three-month, and one-year post-remedy implementation of groundwater monitoring events.
- Microbial parameters were analyzed using the QuantArray-Chlor panel and Next-Generation Sequencing (NGS) (quantitative polymerase chain reaction [qPCR]) for cell counts in the background (URS-1R), source (URS-3R), and near-source (URS-7S and URS-9S) areas.
- An increase in total bacterial cell count was observed at the source and distal plume wells three months post-treatment and this elevated cell count was still sustained after a full year.



5 Next Steps

After three 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. As discussed with the NYSDEC, Hercules will submit the FER for the Site in 2022. Once the FER is approved, the NYSDEC will issue a Certificate of Completion to Hercules.

In accordance with the schedule provided in the SMP (EHS Support, 2021c), Hercules will conduct the annual and five-year groundwater monitoring events at the Site in 2022 (**Table 1**). The next annual GWMR will be submitted to the NYSDEC in March 2023.



6 References

City of Norwich. 2011. City of Norwich Annual Water Supply Statement for 2011.

EHS Support. 2012. Remedial Investigation/Feasibility Study Workplan. September 28.

EHS Support. 2014. Remedial Investigation Report, Lee Avenue Railroad Area, Norwich, New York. NYSDEC Site #709014. May 12.

EHS Support. 2016. Feasibility Study Report, Lee Avenue Railroad Area, Norwich, New York. NYSDEC Site #709014. February 29.

EHS Support. 2017. Remedial Action Work Plan, Lee Avenue Railroad Area, Norwich, New York. NYSDEC Site #709014. August 8.

EHS Support. 2018a. Interim Groundwater Monitoring Plan – Source Area, Lee Avenue Railroad Area, Norwich, New York. NYSDEC #709014. October 23.

EHS Support. 2018b. Quarterly Progress Report #22 for February 2018 – April 2018, Lee Avenue Railroad Area, Norwich, New York. NYSDEC #709014. May 9.

EHS Support. 2018c. Quarterly Progress Report #23 for May 2018 – July 2018, Lee Avenue Railroad Area, Norwich, New York. NYSDEC #709014. August 10.

EHS Support. 2019. Groundwater Monitoring Plan for the Source and Dilute-Plume Areas, Lee Avenue Railroad Area, Norwich, New York. NYSDEC #709014. May 21.

EHS Support. 2021a. Groundwater Field Activities Plan, Appendix J to the Site Management Plan, Lee Avenue Railroad Area, Norwich, New York. NYSDEC Site #709014. February 26.

EHS Support. 2021b. Quality Assurance Project Plan, Appendix I to the Site Management Plan, Lee Avenue Railroad Area, Norwich, New York. NYSDEC Site #709014. February 26.

EHS Support. 2021c. Site Management Plan, Lee Avenue Railroad Area, Norwich, New York. NYSDEC Site #709014. February 26.

EHS Support. 2021d. Groundwater Monitoring Report 2017 – 2020 Events, Lee Avenue Railroad Area, Norwich, NY. March 31.

NYSDEC. 2010. DER-10 Technical Guidance for Site Investigation and Remediation. NYSDEC. May 3.

NYSDEC. 2012. Order on Consent and Administrative Settlement, Index R7-0787-12-06, Site 709014. NYSDEC, July 10.

NYSDEC. 2017. Record of Decision, New York State Department of Environmental Conservation. March 31.



NYSDEC. 2018. Electronic Data Deliverable Manual. November.

USGS. 2003. Geohydrology of the Valley-Fill Aquifer in the Norwich-Oxford-Brisben Area, Chenango County, New York.



Tables

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

Well ID	Field Parameters ¹	VOCs	TIC ²	Geochemical Parameters	Schedule
Source Area Monitoring Network (8 wells)					
MW-11R	1	1	1	1	Annual
LARW11_2	1	1	1	1	Annual
LARW11_3	1	1	1	1	Annual
URS-1R	1	1	1	1	Annual
URS-3R	1	1	1	1	Annual
URS-7S	1	1	1	1	Annual
URS-8S	1	1	1	1	Annual
URS-9S	1	1	1	1	Annual
Downgradient Dilute-Plume Monitoring Network (14 wells)³					
LAOW11_1	1	1			Annual
LAOW11_6	1	1			Annual
LAOW11_9	1	1			Annual
MW-5	1	1			Annual
MW-9	1	1			Annual
MW-12	1	1			Annual
MW-14	1	1			Annual
MW-15	1	1			Annual
MW-19	1	1			Annual
MW-20	1	1			Annual
URS-2S	1	1			Annual
URS-12	1	1			Annual
URS-13	1	1			Annual
URS-14	1	1			Annual
Additional Downgradient Sampling Locations (13 wells)^{3,4}					
LARW11_1	1	1			5 Years
LAOW11_4	1	1			5 Years
LAOW11_5	1	1			5 Years
MW-10R	1	1			5 Years
MW-7	1	1			5 Years
MW-8	1	1			5 Years
MW-13	1	1			5 Years
MW-16	1	1			5 Years
MW-17	1	1			5 Years
MW-18	1	1			5 Years
URS-4S	1	1			5 Years
URS-6I	1	1			5 Years
URS-10S	1	1			5 Years

Notes:

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

1 - Field parameters to include pH, temperature, dissolved oxygen, oxidation reduction potential, specific conductivity, and

2 - Water TIC compounds by Method 8260C.

3 - Wells monitor the dilute plume.

4 - Wells were last sampled in 2017; therefore, next sampling event will be conducted in 2022.

Definitions:

TIC = total inorganic carbon

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 (feet-msl)		
				Aquifer Screen Location	Boring Depth (feet below grade)	Well Depth (feet below grade)	Screened Interval (feet below grade)		Screened Length (feet)	Casing Diameter (inches)	Well Construction	Northing	Easting	Top of PVC Elevation (feet - msl)	Ground Surface Elevation (feet - msl)	
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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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:

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

Table 3
Water Level Gauging and Field Parameters – Near-Source Area Well Network
Lee Avenue Railroad Area - NYSDEC Site # 709014
Norwich, New York

Well ID	Sample Date	Depth to Water	Top-of-Casing Elevation	Water Elevation	Conductivity	Dissolved Oxygen	Oxidation-Reduction Potential	pH	Temperature	Turbidity
		ft btoc	ft NGVD29	ft NGVD29	mS/cm	mg/L	mV	s.u.	°C	NTU
LARW11-2	08/24/21	7.71	1011.90	1004.19	0.683	0.33	-11	7.47	14.69	3.9
LARW11-3	08/24/21	12.80	1012.28	999.48	0.813	0.18	-133	7.7	16.54	2.5
MW-11R ¹	08/24/21	8.22	1008.74	1000.52	0.639	0.37	-59	6.78	17.91	21.5
URS-1R	08/24/21	11.10	1028.62	1017.52	0.392	2.47	308	5.88	14.74	0
URS-3R ²	08/24/21	7.62	1012.66	n/a	n/a	n/a	n/a	n/a	n/a	n/a
URS-7S ³	08/24/21	11.39	1007.55	996.16	n/a	4.96	n/a	7.29	17.19	0
URS-8S	08/24/21	10.70	1005.94	995.24	2.59	0.94	78	7.1	17.56	0.4
URS-9S	08/24/21	12.93	1004.85	991.92	1.39	3.98	242	6.74	18.66	0

Notes:

¹ Well produced insufficient water for sampling; allowed to recharge after purging to provide sufficient sample volume.

² Ammendment material - Emulsified Vegetable Oil (from the 2018 enhanced bioremediation injection) was visible in well; no sample collected.

³ Due to a Fulcrum system malfunction, field parameter data for well URS-7S was not recorded during the 2021 sampling event.

Definitions:

n/a = not available

Units:

°C = degrees Celsius

btoc = below top of casing

ft = feet

mg/L = milligrams per liter

mS/cm = millisiemen per centimeter

mV = millivolts

NGVD29 = National Geodetic Vertical Datum of 1929

NTU = nephelometric turbidity units

NYSDEC = New York State Department of Environmental Conservation

s.u. = standard units

Table 4
Water Level Gauging and Field Parameters – Downgradient Well Network
Lee Avenue Railroad Area - NYSDEC Site # 709014
Norwich, New York

Well ID	Sample Date	Depth to Water	Top-of-Casing Elevation	Water Elevation	Conductivity	Dissolved Oxygen	Oxidation-Reduction Potential	pH	Temperature	Turbidity
		ft btoc	ft NGVD29	ft NGVD29	mS/cm	mg/L	mV	s.u.	°C	NTU
LAOW11-1	08/24/21	9.57	1011.64	1002.07	0.704	6.68	215	7.18	18.88	0.2
LAOW11-6	08/24/21	12.28	1008.42	996.14	1.31	3.95	249	7.78	16.74	38.2
LAOW11-9	08/24/21	10.39	1001.37	990.98	2.03	2.99	225	8.04	17.03	0
MW-5 ¹	08/24/21	13.76	1008.92	995.16	n/a	n/a	n/a	n/a	n/a	n/a
MW-9	08/26/21	9.67	1008.33	998.66	1.66	5.09	277	7.07	18.37	0
MW-12	08/24/21	11.91	1011.94	1000.03	0.758	1.11	223	7.24	16.73	11.4
MW-14	08/24/21	7.62	997.92	990.30	1.27	4.34	254	7.55	17.4	0
MW-15	08/24/21	8.89	1000.22	991.33	0.919	5.51	228	8.04	19.66	0
MW-19	08/24/21	6.01	996.99	990.98	1.33	1.7	242	7.66	13.46	0
MW-20	08/24/21	10.23	1001.82	991.59	1.34	7.34	189	7.64	14.55	0.2
URS-2S ²	08/25/21	13.15	1005.12	991.97	1.36	1.45	232	7.23	17.96	0
URS-12	08/24/21	10.17	1006.17	996.00	1.67	4.12	192	7.57	19.91	0.3
URS-13	08/24/21	9.72	1001.36	991.64	1.76	7.07	205	7.39	16.97	0.3
URS-14	08/25/21	8.41	1000.33	991.92	1.25	4.19	234	7.07	16.98	0

Notes:

¹ Well contained insufficient water for monitoring; no sample collected.

² Well produced insufficient water for sampling; allowed to recharge after purging to provide sufficient sample volume.

Definitions:

n/a = not available

Units:

°C = degrees Celsius

btoc = below top of casing

ft = feet

mg/L = milligrams per liter

mS/cm = millisiemen per centimeter

mV = millivolts

NGVD29 = National Geodetic Vertical Datum of 1929

NTU = nephelometric turbidity units

NYSDEC = New York State Department of Environmental Conservation

s.u. = standard units

Table 5
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
Total Inorganic Carbon Compounds							
Geochemistry Parameters							
Carbon dioxide	RSK-175 (CO ₂)	5,000	Glass VOA	40	3	Unpreserved Cool, < 6 deg. C.	7 Days
Dissolved gases	RSK-175	0.1	Glass VOA	40	3	HCl to pH < 2, Cool, < 6 deg. C.	14 Days
Iron - Dissolved	USEPA SW-846 Method 6010C	50	HDPE	250	3	HNO ₃ to pH < 2, Cool, < 6 deg. C.	6 Months
Ferrous Iron	SM 3500 FE D	100	HDPE	125	1	Unpreserved Cool, < 6 deg. C.	15 Minutes
Ferric Iron	Ferric Iron by Calc	n/a	n/a	n/a	n/a	n/a	n/a
Nitrate-Nitrite as Nitrogen; Nitrite	USEPA Method 353.2	50	HDPE	125	1	Unpreserved Cool, < 6 deg. C.	48 Hours
Nitrate	Nitrate by Calc	50					48 Hours
Anions (Chloride, Sulfate)	USEPA SW-846 Method 9056A	500 - 2000					28 Days
Sulfide	SM 4500 S2 F	1,000	HDPE	250	1	NaOH + ZnAc to pH > 9, Cool, < 6 deg. C.	7 Days
Total Organic Carbon (Dissolved)	USEPA SW-846 9060A	1,000	Glass VOA	40	2	HCl to pH < 2, Cool, < 6 deg. C.	28 Days
Volatile Fatty Acids	VFA by IC	1,000	Amber Glass VOA	40	3	Unpreserved Cool, < 6 deg. C.	28 Days
Field Parameters							
pH	Horiba U-50 Series or YSI Multiparameter Meter	0.1 s.u.	None	n/a	n/a	None	n/a
ORP		1 mV					
DO		0.1 mg/L					
Specific Conductivity		0.1 mS/cm					
Turbidity		1 NTU					
Temperature		0.1 deg. C					
Microbial Insights							
QuantArray-Chlor	QuantArray-Chlor	n/a	HDPE	1,000	1	Unpreserved Cool; approx. 4 deg. C.	24-48 hours
Next Generation Sequencing	Next Generation Sequencing						

Notes:

µg/L = micrograms per liter
Calc = calculation
CO₂ = carbon dioxide
deg. C. = degrees Celsius
DO = dissolved oxygen
HCl = hydrochloric acid

HDPE = high-density polyethylene
HNO₃ = nitric acid
IC = ion chromatography
mg/L = milligrams per liter
mL = milliliters
mS/cm = millisiemens per centimeter

mV = millivolts
n/a = not applicable
NaOH = sodium hydroxide
NTU = nephelometric turbidity units
ORP = oxidation-reduction potential
SM = Standard Method

s.u. = standard units
VFA = volatile fatty acids
VOA = volatile organic analysis
ZnAc = zinc acetate
USEPA = United States Environmental Protection Agency

Table 6
Equipment and Trip Blank Results - VOCs
Lee Avenue Railroad Area - NYSDEC Site # 709014
Norwich, New York

Chemical			1,1,1-Trichloroethane	1,1-Dichloroethane	1,1-Dichloroethene	cis-1,2-Dichloroethene	Tetrachloroethylene	trans-1,2-Dichloroethene	Trichloroethylene	Vinyl Chloride
Sample Name	Date	Sample Type Code	Result	Result	Result	Result	Result	Result	Result	Result
TB-01_20210824	08/24/2021	TB	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
TB-02_20210824	08/24/2021	TB	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
EB-01_20210824	08/24/2021	EB	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
EB-02_20210825	08/25/2021	EB	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
TB-03_20210826	08/26/2021	TB	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U

Notes:

EB = equipment blank
NYSDEC = New York State Department of Environmental Conservation
TB = trip blank
U = below quantitation limit
VOC = volatile organic compound

Table 7
Groundwater Analytical Results - VOCs
Lee Avenue Railroad Area - NYSDEC Site # 709014
Norwich, New York

		1,1,1-Trichloroethane	1,1-Dichloroethane	1,1-Dichloroethene	cis-1,2-Dichloroethylene	Tetrachloroethylene	trans-1,2-Dichloroethene	Trichloroethylene	Vinyl Chloride
NYSDEC Class GA Groundwater Quality Standards (µg/L)		5	5	5	5	5	5	5	2
Location	Date								
LAOW11-1	08/24/2021	2 U	2 U	2 U	4.8	2 U	2 U	1.4 J	2 U
LAOW11-6	08/24/2021	1 U	1 U	1 U	1 U	1 U	1 U	3.7	1 U
LAOW11-9	08/24/2021	3.6	1 U	1 U	1 U	1 U	1 U	14	1 U
LARW11-2	08/25/2021	20 U	17 J	20 U	1700	140	41	620	110
LARW11-3	08/25/2021	1 U	7.2	1 U	1 U	1 U	1 U	1 U	1 U
MW-11R	08/25/2021	60	1200	35 J	1000	40 U	40 U	130	2300
MW-12	08/24/2021	1 U	1 U	1 U	1.5	1 U	1 U	34	1 U
MW-14	08/24/2021	1 U	1 U	1 U	1 U	1 U	1 U	1.3	1 U
MW-15	08/24/2021	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
MW-19	08/24/2021	1 U	1 U	1 U	1 U	1 U	1 U	1	1 U
MW-20	08/24/2021	1 U	1 U	1 U	1 U	1 U	1 U	1.1	1 U
MW-20	08/24/2021	1 U	1 U	1 U	1 U	1 U	1 U	1.1 J	1 U
MW-9	08/26/2021	1 U	1 U	1 U	1 U	1 U	1 U	1.1	1 U
URS-12	08/24/2021	1 U	1 U	1 U	1 U	1 U	1 U	10	1 U
URS-13	08/24/2021	1 U	1 U	1 U	1 U	1 U	1 U	1.1	1 U
URS-14	08/25/2021	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
URS-1R	08/25/2021	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
URS-2S	08/25/2021	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
URS-7S	08/25/2021	1 U	1 U	1 U	1.9	1 U	1 U	1.6	1 U
URS-8S Duplicate	08/25/2021	1 U	1 U	1 U	4	1 U	1 U	2.3	1 U
URS-8S	08/25/2021	1 U	1 U	1 U	3.7	1 U	1 U	2	1 U
URS-9S	08/25/2021	1 U	1 U	1 U	1 U	1 U	1 U	2.4	1 U

Notes:

All concentration provided in micrograms per liter (µg/L).

Bold values indicate exceedance of the applicable NYSDEC GA Standard, for the protection of groundwater as a drinking water source.

Qualifiers:

J = Estimated value

U = Below quantitation limit

Definitions:

µg/L = micrograms per liter

Class GA Standard = Class A groundwater standard established for potable water

NYSDEC = New York State Department of Environmental Conservation

VOC = volatile organic compound

Table 8
Groundwater Analytical Results - Geochemical Parameters
Lee Avenue Railroad Area - NYSDEC Site # 709014
Norwich, New York

Chemical	Location Date	LARW11-2 08/25/2021	LARW11-3 08/25/2021	MW-11R 08/26/2021	URS-1R 08/25/2021	URS-7S 08/25/2021	URS-8S 08/25/2021	URS-8S DUP 08/25/2021	URS-9S 08/25/2021
DISSOLVED GASES									
Acetylene		5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Carbon Dioxide		18000	13000	50000	32000	6900	27000	28000	22000
Ethane		0.55 J	3.8	3	1 U	1 U	1 U	1 U	1 U
Ethene		9.1	3.2	1900	1 U	1 U	1 U	1 U	1 U
Methane		320	1700	13000	1 U	1 U	100	100	1 U
GENERAL CHEMISTRY									
Chloride (As Cl)		39600	136000	47100	53500	305000	540000	506000	335000
Dissolved Organic Carbon		1900	1600	19800	2600	730 J	2800	2900	2000
Ferric Iron		120	450	4300	100 U	100 U	100 U	100 U	100 U
Ferrous Iron		100 UHF	100 UHF	970 HF	100 UHF	100 UHF	100 UHF	100 UHF	100 UHF
Nitrate		31 J	32 J	47 J	12600	2800	4700	4800	25100
Nitrite		50 U	50 U	50 U	50 U	30 JB	50 UF1	32 JB	42 JB
Sulfate (As SO ₄)		13900	8200	820 J	12800	16900	22000	21800	28900
Sulfide		1000 U	1000 U	1000 U	1000 U	1000 U	1000 U	1000 U	1000 U
VOLATILE FATTY ACIDS									
Acetic Acid		2000 U	2000 U	143000	5000 U	5000 U	5000 U	5000 U	5000 U
Butanoic Acid		2000 U	2000 U	20000 U	5000 U	5000 U	5000 U	5000 U	5000 U
Formic Acid		2000 U	2000 U	20000 U	5000 U	5000 U	5000 U	5000 U	5000 U
Lactic Acid		2000 U	2000 U	20000 U	5000 U	5000 U	5000 U	5000 U	5000 U
Propionic Acid		2000 U	2000 U	20000 U	5000 U	5000 U	5000 U	5000 U	5000 U
Pyruvic Acid		3000 U	3000 U	30000 U	7500 U	7500 UF1	7500 UF1	7500 U	7500 U

Notes:

B = Compound was found in the blank and the sample.

F1 = Matrix spike or matrix spike duplicate recovery is outside acceptance limits.

HF = Field parameter with a holding time of 15 minutes; test performed at client's request.

J = Result is less than the reporting limit but greater than or equal to the method detection limit, the concentration is an approximate value.

U = Below quantitation limit.

NYSDEC = New York State Department of Environmental Conservation

Table 9
Lines of Evidence for Bioremediation - Three-Year Performance Results Summary
Lee Avenue Railroad Area - NYSDEC Site # 709014
Norwich, New York

LOE	Well ID →	URS-1R										URS-3R									
	Functional Position →	Background										Source									
	Sampling Date →	7/26/2017		11/1/2018		6/27/2019		9/1/2020		8/25/2021		7/27/2017		11/1/2018		6/26/2019		9/1/2020		2021	
	Bioremediation Stage →	Baseline		0.25-Year Post		1-Year Post		2-Years Post		3-Years Post		Baseline		0.25-Year Post		1-Year Post		2-Years Post		3-Years Post	
	Analyte ↓	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
VOCs	Trichloroethene (µg/L)	0	U	0	U	1	J	0	U	1	U	32,000		0	U	11,000		2,500		NS	
	cis-1,2-Dichloroethene (µg/L)	0	U	0	U	1	J	0	U	1	U	9,700		18,000		12,000		8,500		NS	
	Vinyl chloride (µg/L)	0	U	0	U	0	U	0	U	1	U	0	U	6,200		1,800		3,200		NS	
	Ethene (µg/L)	0.0	U	0.0	U	0	J	0	U	1	U	10		750		330.0		2,600		NS	
	Total Chloroethenes (µM)	0	<	0	<	2	<	0		2	<	41,700	<	24,200	<	24,800		14,200		NS	
	Total Chloroethenes (µM)	0.0	<	0.0	<	0.0	<	0.0		0.0	<	342	<	284.9	<	235.7		157.8		NS	
	Total Chloroethenes Plus [Ethene+Ethane+Methane] (µM)	0.0	<	0.0	<	0.0	<	0.0		0.1	<	344	<	319.8	<	269.9		487.6		NS	
	Interpretive Comments →	Good clean background		No change as expected		No change as expected		No change as expected		No change as expected		High TCE, clearly in source zone		TCE detoxification abundantly enhanced		Enhanced TCE detoxification continues		Abundant complete detoxification decrease in total chloroethenes		Not sampled	
Non-Toxic Progeny	Ethene (µg/L)	0	<	0	U	0.01	J	0	U	1	U	10		750		330		2,600		NS	
	Ethane (µg/L)	0	<	0	U	0	U	0	U	1	U	0	U	202.0		0.4		2.1		NS	
	Methane (µg/L)	0	<	0	U	0.1	J	0	U	1	U	0	U	23		350		3,800		NS	
	Acetylene (µg/L)	0	<	0	U	0	U	0	U	5	U	0	U	0	U	7		0	U	NS	
	Carbon dioxide (mg/L)	3	J	39		56		38		32,000		8		97		19		27		NS	
	Chloride (mg/L)	46		16		45		111		53,500		27		42		27		37		NS	
	Interpretive Comments →	Good background		Still good background		Still good background		Still good background		Increase in carbon dioxide and chloride. Evidence of increased biological activity.		Ethene signals natural abiotic degradation		Ethene present, complete detoxification, lost abiotic acetylene		Biotic ethene & methane, abiotic acetylene, complete detoxification continues		Ethene, methane increasing complete detoxification continues		Not sampled	
Electron Acceptors	Dissolved Oxygen (mg/L)	9		4		6		NM		2.47		9		0		0		2		NS	
	ORP (mV)	200		320		196		NM		308		162		-69		-228		-199		NS	
	Nitrate as N (mg/L)	2		3		1		3		12,600		0	U	0.03	J	0	U	0	U	NS	
	Nitrite as N (mg/L)	0	U	0	U	0	U	0	U	50	U	0	U	0	U	0	U	0	UH^A	NS	
	Iron, dissolved, Fe ²⁺ (mg/L)	0	JB	0	U	0	U	0	U	50	U	0	U	6.1		0		2.60		NS	
	Sulfate (mg/L)	12		11		5		17		12,800		17		0	U	5		4	J	NS	
	Sulfide (mg/L)	0	U	0	U	0	U	0	U	1000	U	0	U	0	U	0	U	0	U	NS	
	Interpretive Comments →	Good aerobic background, little sulfate		No change as expected		No change as expected		No change as expected		Decrease in DO. Increase in sulfate and nitrate.		Aerobic		Sulfate-reducing, no sulfide		Sulfate-reducing, no sulfide		Sulfate-reducing little change as expected		Not sampled	
Field-Measured Analytes (geochemistry)	Dissolved Oxygen (mg/L)	9.3		4.2		5.9		NM		2.47		8.9		0		0.0		2.4		NS	
	ORP (mV)	200		320		196		NM		308		162		-69		-228		-199		NS	
	pH (s.u.)	7.5		6.6		6.6		NM		5.88		6.9		6.9		8.2		7.2		NS	
	Temperature (°C)	14		12		11		NM		14.74		16		13		15		18		NS	
	Specific Conductance (mS/cm)	0.3		0.2		0.19		NM		0.392		0.3		0.6		0.4		0.7		NS	
	Turbidity (NTU)	940		0		0		NM		0		34		1,000		0		12		NS	
	Interpretive Comments →	Background-aerobic oxidizing neutral		Little change as expected, good background		Little change as expected, good background		Not measured		Little change as expected, good background		Aerobic oxidizing neutral		Anaerobic reductive neutral		Anaerobic more reductive neutral		Mostly anaerobic reductive neutral		Not sampled	
Anaerobically Fermentable Carbon	Dissolved Organic Carbon (mg/L)	3		3		2		2		2,600		3		113		10		96		NS	
	Acetic acid (mg/L)	0	U	0	U	0	UH	0	U	5000	U	0	U	193		12	H	143		NS	
	Formic acid (mg/L)	0	U	0	U	0	UH	0	U	5000	U	0	U	0	U	0	UH	0	U	NS	
	Lactic acid (mg/L)	0	U	0	U	0	UH	0	U	5000	U	0	U	0	U	0	UH	0	U	NS	
	n-Butyric Acid (mg/L)	0	U	0	U	0	UH	0	U	5000	U	0	U	11		0	UH	2	J	NS	
	Propionic acid (mg/L)	0	U	0	U	0	UH	0	U	5000	U	0	U	28		0	UH	0	U	NS	
	Pyruvic Acid (mg/L)	0	U	0	U	0	UH	0	U	7500	U	0	U	0	U	0	UH	0	U	NS	
	Interpretive Comments →	Good Background		No Change As Expected		No Change As Expected		No Change As Expected		Increase in DOC. More Fermentable Carbon for Microbes.		Low Fermentable Carbon		Biostimulant Is Present, Much Essential Acetic Acid		Sufficient Essential Acetic Acid		Biostimulant Is Present, Much Essential Acetic Acid		Not Sampled	
Notable Microbiologicals (Cells/mL)	Total bacteria (EBAC)	1.E+03	=	4.E+02	=	8.E+03	=	NS		NS		2.E+03	=	3.E+06	=	1.E+07	=	NS		NS	
	Dehalococcoides (DHC)	0	<	0	<	1.E-01	J	NS		NS		1.E+01	=	1.E+05	=	5.E+05	=	NS		NS	
	tceA Reductase (TCEA)	0	<	0	<	0	<	NS		NS		0	<	3.E+00	=	4.E+00	=	NS		NS	
	BAV1 VC Reductase (BVC)	0	<	0	<	0	<	NS		NS		6.E+00	=	3.E+03	=	6.E+03	=	NS		NS	
	VC Reductase (VCR)	0	<	0	<	0	<	NS		NS		3.E+00	=	2.E+04	=	5.E+04	=	NS		NS	
	Dehalobacter (DHBt)	0	<	0	<	0	<	NS		NS		0	<	5.E+04	=	1.E+05	=	NS		NS	
	Desulfidobacteria (DSB)	0	<	0	<	0	<	NS		NS		0	<	4.E+04	=	5.E+04	=	NS		NS	
	Sulfate Reducing Bacteria (APS)	0	<	0	<	4.E+02	=	NS		NS		4.E+00	J	1.E+04	=	2.E+04	=	NS		NS	
	Dehalobium (DECO)	0	<	0	<	0	<	NS		NS		0	<	3.E+02	=	8.E+02	=	NS		NS	
	Dehalogenimonas (DHG)	0	<	0	<	0	<	NS		NS		2.E+01	=	0	<	1.E+03	=	NS		NS	
	Methanogens (MGN)	2.E+00	J	0	<	0	<	NS		NS		1.E+00	J	2.E+02	=	8.E+03	=	NS		NS	
	Interpretive Comments →	Background, Low Native Bacteria		Little Change As Expected		Little Change As Expected		Not Sampled		Not Sampled		Low Native Bacteria		Abundant Good Bacteria As Intended		Abundant Good Bacteria Persist As Intended		Not Sampled		Not Sampled	

Table 9
 Lines of Evidence for Bioremediation - Three-Year Performance Results Summary
 Lee Avenue Railroad Area - NYSDEC Site # 709014
 Norwich, New York

LOE	Well ID →	MW-11R										URS-75									
	Functional Position →	Distal Source										Dilute Plume									
	Sampling Date →	7/26/2017		11/1/2018		6/26/2019		9/1/2020		8/25/2021		7/26/2017		11/1/2018		6/27/2019		9/1/2020		8/25/2021	
	Bioremediation Stage →	Baseline		0.25-Year Post		1-Year Post		2-Years Post		3-Years Post		Baseline		0.25-Year Post		1-Year Post		2-Years Post		3-Years Post	
	Analyte ↓	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
VOCs	Trichloroethene (µg/L)	1,600		NS*		420		170		130		59		62		36		1		1.6	
	cis-1,2-Dichloroethene (µg/L)	110		NS*		9,600		2,800		1,000		9		9		6		1		1.90	
	Vinyl chloride (µg/L)	0	U	NS*		880		1,400		2,300		0	U	0	U	0	U	0	U	1	U
	Ethene (µg/L)	0.3		NS*		260		1,800		19		0	U	0	U	0.01	J	0	U	1	U
	Total Chloroethenes (µg/L)	1,710	<	NS*		10,900		4,370		3,430	<	68	<	71	<	42	<	2		5	<
	Total Chloroethenes (µM)	13	<	NS*		116.3		52.6		48.1	<	0.5	<	0.6	<	0.3	<	0.0		0.0	<
	Total Chloroethenes Plus [Ethene+Ethane+Methane] (µM)	14	<	NS*		643.0		927.6		859.4	<	0.5	<	0.6	<	0.3	<	0.0		0.2	<
	Interpretive Comments →	Moderate TCE		Not sampled, white bioremediation injectate visible		TCE detoxification enhanced		Abundant complete detoxification		Abundant complete detoxification continues.		Low TCE good		No change as expected		Less TCE good		Complete detoxification		Complete detoxification	
Non-Toxic Progeny	Ethene (µg/L)	0.3		NS*		260		1,800		19		0	<	0	U	0	U	0	U	1	U
	Ethane (µg/L)	0	<	NS*		0.7		12.0		3		0	<	0	U	0.01	J	0	U	1	U
	Methane (µg/L)	3.3		NS*		8,300		13,000		13,000		0	<	0	U	0	U	0	U	1	U
	Acetylene (µg/L)	0	<	NS*		0	U	0	U	5	U	0	<	0	U	0	U	0	U	5	U
	Carbon dioxide (mg/L)	3	J	NS*		110		53	H	50,000		5		9		6		0	U	6,900	
	Chloride (mg/L)	11		NS*		45		74		NA		232		230		365		235		305,000	
	Interpretive Comments →	Good baseline		Not sampled		Complete detoxification observed		Ethene, methane increasing complete detoxification continues		Complete detoxification continues. Increase in carbon dioxide.		Background chloride		Change in chloride not remarkable		Low concentrations as expected		Increase in carbon dioxide and chloride. Evidence of increased biological activity.			
Electron Acceptors	Dissolved Oxygen (mg/L)	8		0		0		4		NA		6		7		8		1		4.96	
	ORP (mV)	56		-25		-20		-8		NA		214		172		41		82		NA	
	Nitrate as N (mg/L)	0.07		NS*		0.03		0	U	NA		2		3		4		2		2,800	
	Nitrite as N (mg/L)	0	U	NS*		0	U	0	U	NA		0	U	0	U	0	U	0	U^	30	J,B
	Iron, dissolved, Fe ⁻² (mg/L)	0.15		NS*		4		4		NA		0	J,B	0	U	0	U	0		50	U
	Sulfate (mg/L)	22	J	NS*		0	U	2	J	NA		19		17		9		21		16,900	
	Sulfide (mg/L)	0	U	NS*		0	U	-		NA		0	U	0	U	0	U	0	U	1,000	U
	Interpretive Comments →	Aerobic		Not sampled		Anaerobic, iron-reducing		DO Increased, but not fully aerobic		Not sampled		Aerobic		No change as expected		Little change as expected		Little change as expected		Increase in DO, ORP, nitrate, and sulfate nitrate reduction evident	
Field-Measured Analytes (geochemistry)	Dissolved Oxygen (mg/L)	7.9		0*		0		3.6		NA		6.2		7.2		8.0		1.2		4.96	
	ORP (mV)	56		-25		-20		-8		NA		214		172		41		82		NA	
	pH (s.u.)	8.2		5.6*		6.1		6.0		NA		7.5		7.5		7.8		7.5		7.29	
	Temperature (°C)	19		12*		14		18		NA		18		14		18		17		17.19	
	Specific Conductance (mS/cm)	0.3		.2*		0.4		1		NA		0.9		0.7		0.9		1.0		NA	
	Turbidity (NTU)	202		1,000*		324		19		NA		83		2		0		1		0	
	Interpretive Comments →	Aerobic oxidizing neutral		Injectate visible, anaerobic, pH low		Qualifies for performance monitoring, pH low		Little change less turbidity		Not sampled		Aerobic oxidizing neutral		Little change as expected		More reducing		Little change as expected		Increase in DO detoxification is complete	
Anaerobically Fermentable Carbon	Dissolved Organic Carbon (mg/L)	2		NS*		108		329		NA		2		3		1		1	J	730	J
	Acetic acid (mg/L)	0	U	NS*		154	H	438		143000		0	U	0	U	0	U^	0	U	5000	U
	Formic-acid (mg/L)	0	U	NS*		0	U^	0	U	20000	U	0	U	0	U	0	U^	0	U	5000	U
	Lactic acid (mg/L)	0	U	NS*		0	U^	0	U	20000	U	0	U	0	U	0	U^	0	U	5000	U
	n-Butyric Acid (mg/L)	0	U	NS*		14	H	37		20000	U	0	U	0	U	0	U^	0	U	5000	U
	Propionic acid (mg/L)	0	U	NS*		28	H	7		20000	U	0	U	0	U	0	U^	0	U	5000	U
	Pyruvic Acid (mg/L)	0	U	NS*		0	U^	0	U	30000	U	0	U	0	U	0	U^	0	U	7500	U^1
	Interpretive Comments →	Low Fermentable Carbon		Not Sampled		Much Essential Acetic Acid		Much DOC and Essential Acetic Acid		Increase in Acetic Acid paired with Carbon Dioxide Increase		Low Fermentable Carbon		No Biostimulant As Expected		No Biostimulant As Expected		No Biostimulant As Expected		Increase in DOC	
Notable Microbiologicals (Cells/mL)	Total bacteria (EBAC)	NS		NS*		NS		NS		NS		2.E+02	=	3.E+05	=	4.E+05	=	NS		NS	
	Dehalococcoides (DHC)	NS		NS*		NS		NS		NS		0	<	1.E+00	=	2.E+01	=	NS		NS	
	tceA Reductase (TCEA)	NS		NS*		NS		NS		NS		0	<	0	<	0	<	NS		NS	
	BAV1 VC Reductase (BVC)	NS		NS*		NS		NS		NS		0	<	1.E-01	J	2.E-01	J	NS		NS	
	VC Reductase (VCR)	NS		NS*		NS		NS		NS		0	<	2.E-01	J	4.E+00	=	NS		NS	
	Dehalobacter (DHBt)	NS		NS*		NS		NS		NS		6.E+01	=	0	<	1.E+03	=	NS		NS	
	Desulfidobacteria (DSB)	NS		NS*		NS		NS		NS		9.E+01	=	1.E+03	=	1.E+03	=	NS		NS	
	Sulfate Reducing Bacteria (APS)	NS		NS*		NS		NS		NS		1.E+01	=	2.E+03	=	1.E+02	=	NS		NS	
	Dehalobium (DECO)	NS		NS*		NS		NS		NS		0	<	6.E+02	=	8.E+02	=	NS		NS	
	Dehalogenimonas (DHG)	NS		NS*		NS		NS		NS		0	<	0	<	1.E+02	=	NS		NS	
	Methanogens (MGN)	NS		NS*		NS		NS		NS		5.E-01	J	6.E+00	=	9.E-02	J	NS		NS	
	Interpretive Comments →	Not Sampled		Not Sampled		Not Sampled		Not Sampled		Not Sampled		Low Native Bacteria		Little Change As Expected		Little Change As Expected		Not Sampled		Not Sampled	

Table 9
 Lines of Evidence for Bioremediation - Three-Year Performance Results Summary
 Lee Avenue Railroad Area - NYSDC Site # 709014
 Norwich, New York

LOE	Well ID →	URS-95									
	Functional Position →	Dilute Plume									
	Sampling Date →	7/26/2017		11/1/2018		6/27/2019		9/1/2020		8/25/2021	
	Bioremediation Stage →	Baseline		3-Month Post		1-Year Post		2-Years Post		3-Years Post	
	Analyte ↓	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
VOCs	Trichloroethene (µg/L)	23		13		12		5		2.4	
	cis-1,2-Dichloroethene (µg/L)	6		4		3		1		1	U
	Vinyl chloride (µg/L)	0	U	0	U	0	U	0	U	1	U
	Ethene (µg/L)	0	U	0.3		0.02	J	0.3		1	U
	Total Chloroethenes (µg/L)	29	<	17	<	15	<	6	<	4	<
	Total Chloroethenes (µM)	0.2	<	0.1	<	0.1	<	0.0	<	0.0	<
	Total Chloroethenes Plus [Ethene+Ethane+Methane] (µM)	0.2	<	0.1	<	0.1	<	0.1	<	0.2	<
	Interpretive Comments →	Low TCE good		Little change as expected		Little change as expected		Near complete detoxification		Near complete detoxification	
Non-Toxic Progeny	Ethene (µg/L)	0	<	0.3		0.02	J	0.3	J	1	U
	Ethane (µg/L)	0	<	0	U	0	U	0	U	1	U
	Methane (µg/L)	0	<	0	U	0.1	J	0.2	J	1	U
	Acetylene (µg/L)	0	<	0	U	0	U	0	U	5	U
	Carbon dioxide (mg/L)	10		17		23		13		22,000	
	Chloride (mg/L)	307		228		413		267		335,000	
	Interpretive Comments →	Background chloride		No change as expected, background chloride		Change in chloride, not remarkable		Background chloride		Increase in carbon dioxide and chloride	
Electron Acceptors	Dissolved Oxygen (mg/L)	9		5		2		1		3.98	
	ORP (mV)	226		185		56		48		242	
	Nitrate as N (mg/L)	8		24		20		29		25,100	
	Nitrite as N (mg/L)	0	U	0	U	0	U	0	U^	42	J,B
	Iron, dissolved, Fe ⁺² (mg/L)	0	U	0	U	0	U	0	U	50	U
	Sulfate (mg/L)	28		32		23		33		28900	
	Sulfide (mg/L)	0	U	0	U	0	U	0	U	1000	U
	Interpretive Comments →	Aerobic		Little change, higher than usual nitrate & sulfate		Little change, but less aerobic		Little change, but less aerobic		Increase in DO, ORP, nitrate, and sulfate nitrate reduction evident	
Field-Measured Analytes (geochemistry)	Dissolved Oxygen (mg/L)	9.1		4.6		2.10		0.89		3.98	
	ORP (mV)	226		185		60		48		242	
	pH (s.u.)	7.2		7.3		7.3		6.9		6.74	
	Temperature (°C)	15		15		19		19		18.66	
	Specific Conductance (mS/cm)	1.6		0.8		1.4		1.3		1.39	
	Turbidity (NTU)	0		1		0		5		0	
	Interpretive Comments →	Aerobic oxidizing neutral		Little change as expected		Less aerobic, more reducing		Less aerobic, more reducing		Increase in DO, but detoxification is complete.	
Anaerobically Fermentable Carbon	Dissolved Organic Carbon (mg/L)	2		4		1.8		1.5		2000	
	Acetic acid (mg/L)	0	U	0	U	0	UH	0	U	5000	U
	Formic-acid (mg/L)	0	U	0	U	0	UH	0	U	5000	U
	Lactic acid (mg/L)	0	U	0	U	0	UH	0	U	5000	U
	n-Butyric Acid (mg/L)	0	U	0	U	0	UH	0	U	5000	U
	Propionic acid (mg/L)	0	U	0	U	0	UH	0	U	5000	U
	Pyruvic Acid (mg/L)	0	U	0	U	0	UH	0	U	7500	U
	Interpretive Comments →	Low Fermentable Carbon		No Biostimulant As Expected		No Biostimulant As Expected		No Biostimulant As Expected		Increase in DOC	
Notable Microbiologicals (Cells/mL)	Total bacteria (EBAC)	3.E+05	=	4.E+05	=	1.E+06	=	NS		NS	
	Dehalococcoides (DHC)	0	<	1.E+00	=	6.E-01	=	NS		NS	
	tceA Reductase (TCEA)	0	<	0	<	0	<	NS		NS	
	BAV1 VC Reductase (BVC)	0	<	1.E-01	J	0	<	NS		NS	
	VC Reductase (VCR)	0	<	3.E-01	J	0	<	NS		NS	
	Dehalobacter (DHBt)	0	<	0	<	0	<	NS		NS	
	Desulfidobacteria (DSB)	4.E+03	=	2.E+03	=	1.E+03	=	NS		NS	
	Sulfate Reducing Bacteria (APS)	1.E+03	=	2.E+03	=	8.E+02	=	NS		NS	
	Dehalobium (DECO)	1.E+03	=	1.E+03	=	4.E+03	=	NS		NS	
	Dehalogenimonas (DHG)	0	<	0	<	0	<	NS		NS	
	Methanogens (MGN)	6.E+01	=	1.E+01	=	0	<	NS		NS	
	Interpretive Comments →	Some Native Bacteria		Little Change As Expected		Little Change As Expected		Not Sampled		Not Sampled	

Table 9
Lines of Evidence for Bioremediation - 2-Year Performance Results Summary
Lee Avenue Railroad Area - NYSDEC Site # 709014
Norwich, New York

Notes:

Green highlight indicates a line of evidence for TCE degradation and/or detoxification
Yellow highlight indicates unexpected geochemical change not impacting detoxification results.
* - Visible Bioremediation Injectate

Units:

µg/L - micrograms per liter
µM - micromoles
°C - degrees Celsius
mg/L - milligrams per liter
mL - milliliter
mS/cm - milliSiemens per centimeter
mV - millivolts

Definitions:

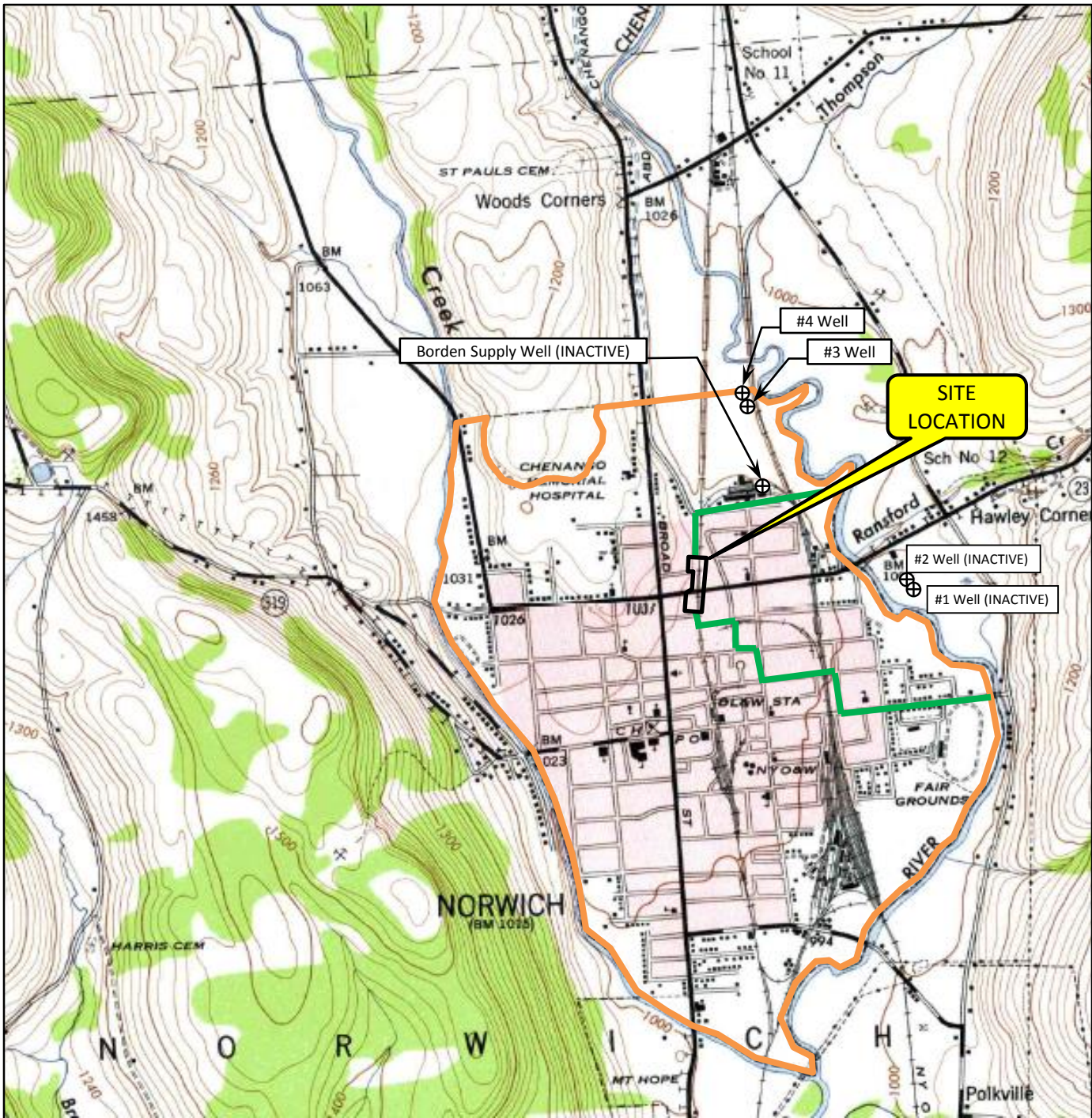
DO - dissolved oxygen
EBAC - total bacteria
LOE - Line of Evidence
LQL - lower quantitation limit
NM - Not Measured
NS - Not Sampled
NTU - nephelometric turbidity units
NYSDEC - New York State Department of Environmental Conservation
ORP - oxidation-reduction potential
PQL - practical quantitation limit
s.u. - standard units
TCE - trichloroethene
VC - vinyl chloride
VOC - volatile organic compound

Qualifiers:

< or U - Below limit of detection (Undetected)
^ - Instrument-related quality control is outside acceptance limits.
B - Compound found in blank and in sample.
H - Analyzed out of holding time.
J - Above LQL, Below PQL
Q - qualifier
NS - not sampled



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:

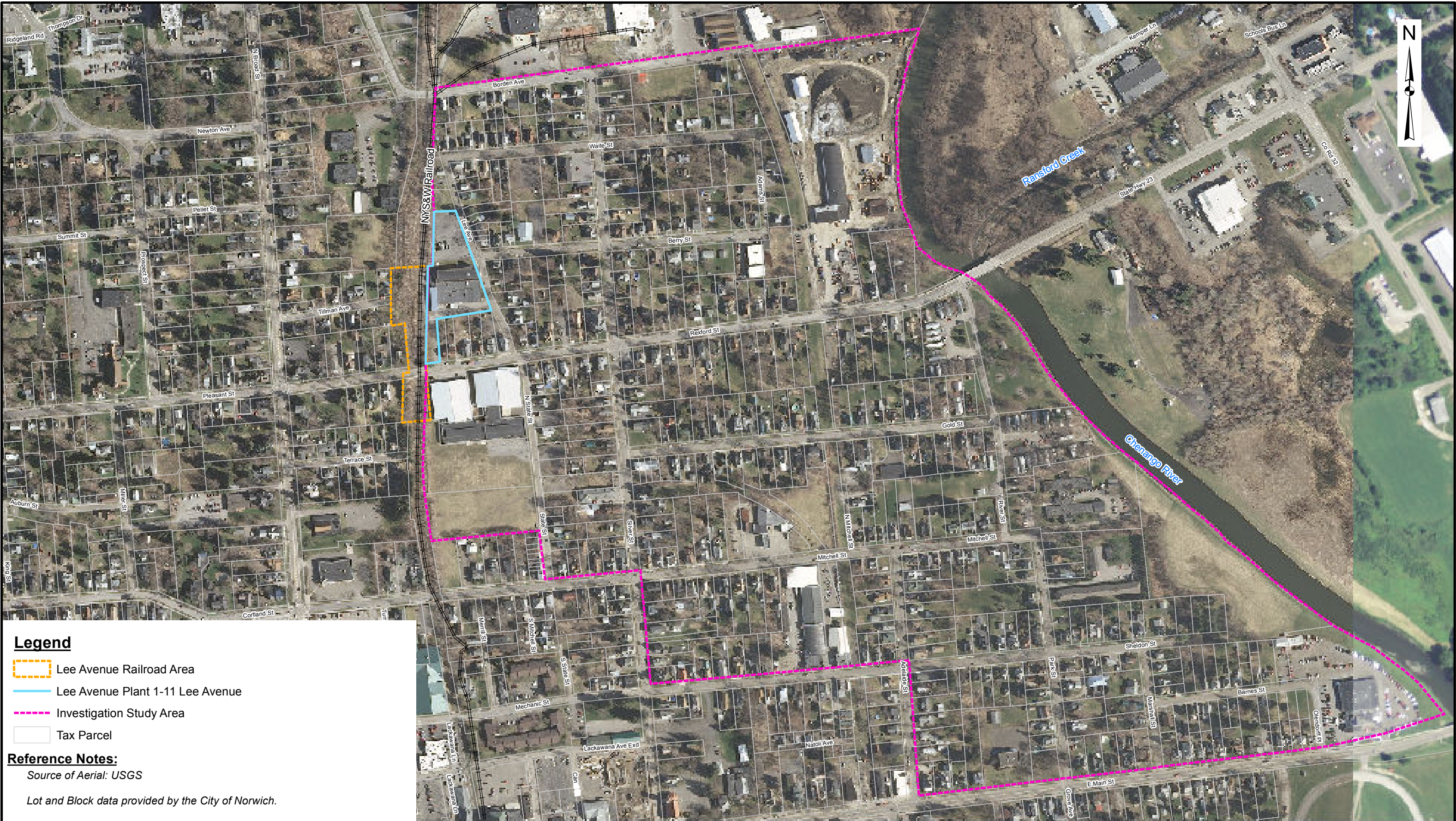
LEE AVENUE RAILROAD AREA

ADDRESS:

LEE AVENUE NORWICH, NY 13815

LAT / LONG:

42.5378 / -75.5216



Legend

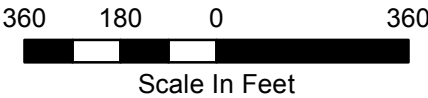
- Lee Avenue Railroad Area
- Lee Avenue Plant 1-11 Lee Avenue
- Investigation Study Area
- Tax Parcel

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)



**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:

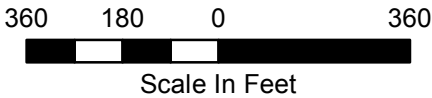
Source of Aerial: USGS

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.



**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 Locations
- ◆ Bedrock Monitoring Well Locations
- ◆ Former Well Locations (Abandoned)
- Annual Groundwater Monitoring Location for VOCs, TICs, and Geochemical Parameters
- Annual Dilute Plume Monitoring Location for VOCs
- Tax Parcel
- Site Location

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

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.

360 180 0 360
Scale In Feet



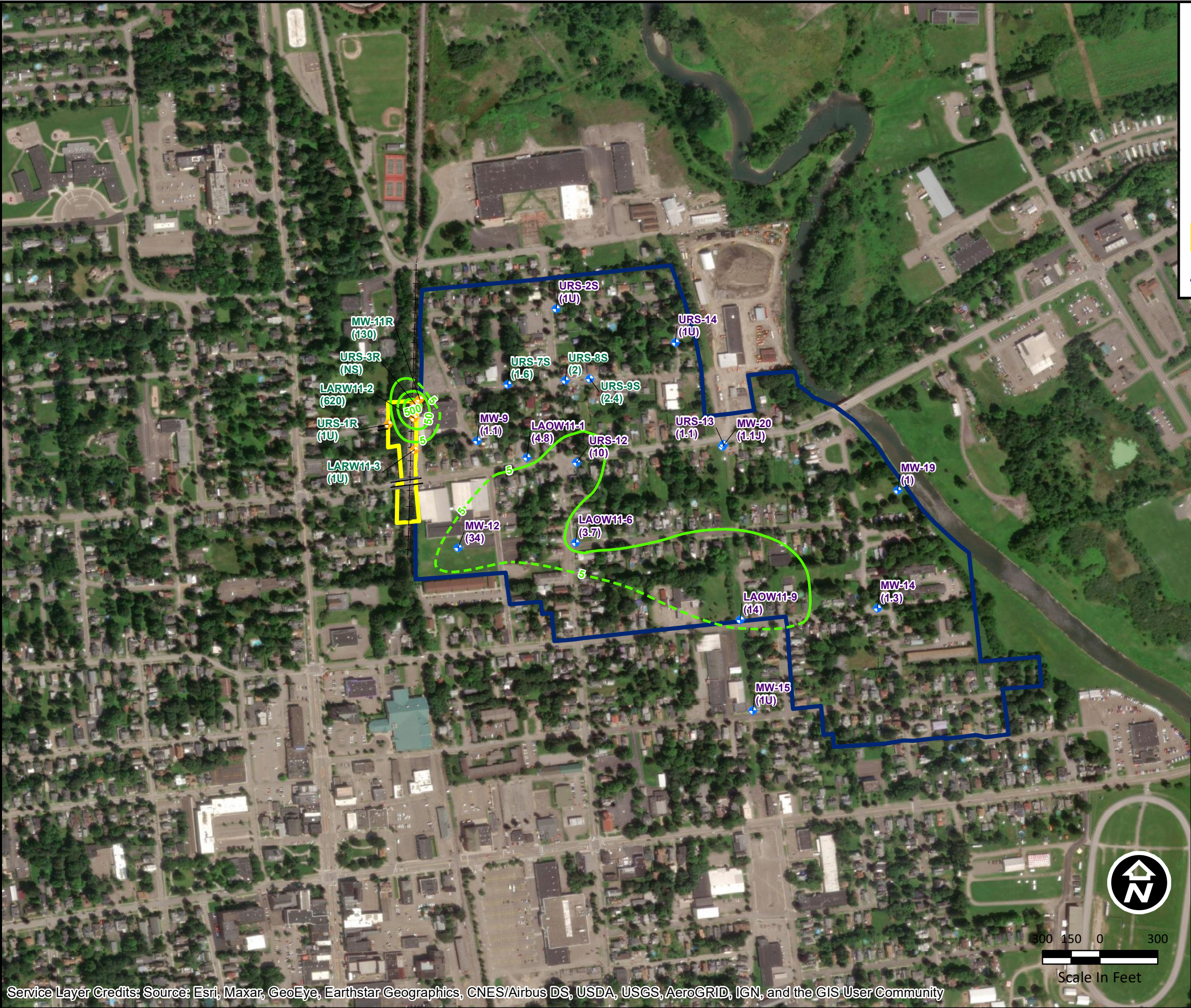
August 2017

Rev.	Rev. By	Description	Date

LEE AVENUE RAILROAD AREA
NORWICH, NEW YORK
NYS #709014

FIGURE 4
GROUNDWATER SAMPLING
LOCATIONS

Drawn By: MDO	Date Drawn: 05/2019
Review By: MSS	Date Review: 05/2019
Scale: As Shown	Plot Date: 05/2019
Project No.: C00287_2017	Figure 2



Legend

- Unconfined Monitoring Well Locaiton
- Bedrock Monitoring Well Location
- Trichloroethylene (TCE) Isoconcentration Line ($\mu\text{g/L}$)
- TCE Isoconcentration line dashed where inferred
- Railroad
- Lee Avenue Railroad Area
- VI Evaluation Area

Notes:

TCE = Trichloroethylene
GWQS = Groundwater Quality Standard
 $\mu\text{g/L}$ = micrograms per Liter
RL = Reporting Limit
MDL = Method Detection Limit
U = Sample result was below the MDL
TCE Class GA GWQS is 5 ($\mu\text{g/L}$)
J: Result is less than the RL but greater than or equal to the MDL - concentration is an approximate value
NS: Not sampled
TCE Concentrations in ug/L
Green Label indicates Near-Source Area Wells
Purple Label indicates Downgradient Wells

**Isocontours for TCE in
Groundwater 2021**

**LEE AVENUE RAILROAD AREA
NORWICH, NEW YORK
NYS #709014**



Appendix A 2021 Field Sampling Logs

Lee Avenue Railroad Area, Norwich, NY Groundwater Monitoring Program

Low-Flow Development / Sampling Log

Well ID: LAOW11-1				Project: Lee Avenue Railroad Area				Page <u>1</u> of <u>1</u>			
Purging Data from Below Top of Casing (btoc)											
Purge Date: 2021-08-24		Depth to Water (feet btoc): 9.56		Previous Event Total Well Depth (feet btoc): 20.3		Water Column Height (H) (feet): 10.45		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 15 ft. btoc		Total Ls Removed: 4									
Purge Start Time: 16:05 Purge End Time: 10:25			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	
16:08	9.56	0.00	200	7.40	0.700	1.3	21.45	7.21	187.00		
16:11	9.56	0.00	200	7.18	0.705	0.3	19.29	6.80	204.00		
16:14	9.56	0.00	200	7.17	0.703	0.2	19.08	6.68	209.00		
16:17	9.56	0.00	200	7.17	0.703	0.2	18.99	6.64	213.00		
16:20	9.56	0.00	200	7.18	0.704	0.2	18.88	6.68	215.00		
Groundwater Sample I.D.: LAOW11-1				Groundwater Sample Time: 16:27			Duplicate Sample I.D.:		Duplicate Sample Time:		
Equipment/Rinsate Sample I.D.:				Equipment/Rinsate Sample Time:			Sampler Name: C. Myers				
Analytical Methods: <u>VOCs</u>											
Notes: NR = not recorded; btoc = below top of casing; ml/min = milliliters per minute; L = liters; mS/cm = micro-Siemens/centimeter; NTU = Nephelometric Turbidity Unit; °C = degrees Celsius; mg/L = milligrams per liter; mV = millivolt											

Lee Avenue Railroad Area, Norwich, NY Groundwater Monitoring Program

Low-Flow Development / Sampling Log

Well ID: LAOW11-6				Project: Lee Avenue Railroad Area				Page <u>1</u> of <u>1</u>		
Purging Data from Below Top of Casing (btoc)										
Purge Date: 2021-08-24		Depth to Water (feet btoc): 12.32		Previous Event Total Well Depth (feet btoc): 16.6		Water Column Height (H) (feet): 4.19		Screened Interval (feet btoc): 15 to 20		Casing diameter (D) (inches): 1
Groundwater Purge Information										
Sampling Method: Volumetric - 3 well volumes		Purge Equipment: PP-Peristaltic Pump								
Tubing / Pump set at 15 ft. btoc		Total Ls Removed: 2								
Purge Start Time: 17:57 Purge End Time: 18:17			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
18:01	12.45	0.13	120	7.90	1.24	39.1	17.91	3.89	233.00	
18:04	12.45	0.00	100	7.84	1.26	35.8	17.67	3.83	237.00	
18:07	12.45	0.00	100	7.83	1.30	26.6	17.23	3.79	240.00	
18:10	12.45	0.00	100	7.81	1.31	30.8	16.87	3.87	244.00	
18:13	12.45	0.00	100	7.79	1.31	36.9	16.87	3.94	247.00	
18:16	12.45	0.00	100	7.78	1.31	38.2	16.74	3.95	249.00	
Groundwater Sample I.D.: LAOW11_6				Groundwater Sample Time: 18:20			Duplicate Sample I.D.:		Duplicate Sample Time:	
Equipment/Rinsate Sample I.D.:				Equipment/Rinsate Sample Time:			Sampler Name: M. Landsman-Gerjoi			
Analytical Methods: <u>VOCs</u>										
Notes: NR = not recorded; btoc = below top of casing; ml/min = milliliters per minute; L = liters; mS/cm = micro-Siemens/centimeter; NTU = Nephelometric Turbidity Unit; °C = degrees Celsius; mg/L = milligrams per liter; mV = millivolt										

Lee Avenue Railroad Area, Norwich, NY Groundwater Monitoring Program

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: 2021-08-24		Depth to Water (feet btoc): 10.39		Previous Event Total Well Depth (feet btoc): 19.6		Water Column Height (H) (feet): 9.12		Screened Interval (feet btoc): 15 to 20		Casing diameter (D) (inches): 1	
Groundwater Purge Information											
Sampling Method: Low Flow		Purge Equipment: PP-Peristaltic Pump									
Tubing / Pump set at 18 ft. btoc		Total Ls Removed: 3.12									
Purge Start Time: 14:52			Purge End Time: 15:18			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	
14:53	10.45	0.06	140	8.10	1.89	900	20.09	4.82	185.00		
14:56	10.47	0.02	120	8.09	1.99	834	17.42	3.37	200.00		
14:59	10.47	0.00	120	8.08	2.00	492	17.40	3.03	209.00		
15:02	10.47	0.00	120	8.07	2.00	17.7	17.26	3.00	214.00		
15:05	10.47	0.00	120	8.05	2.00	8.4	17.52	2.90	216.00		
15:08	10.47	0.00	120	8.05	2.01	3.7	17.44	2.84	218.00		
15:11	10.47	0.00	120	8.04	2.01	2.4	17.69	2.89	221.00		
15:14	10.47	0.00	120	8.04	2.03	2.6	17.60	2.95	223.00		
15:17	10.47	0.00	120	8.04	2.03	0	17.03	2.99	225.00	More than 3 well volumes purged	
Groundwater Sample I.D.: LAOW11_9				Groundwater Sample Time: 15:20			Duplicate Sample I.D.:		Duplicate Sample Time:		
Equipment/Rinsate Sample I.D.:				Equipment/Rinsate Sample Time:			Sampler Name: M. Landsman-Gerjoi				
Analytical Methods: VOCs											
Notes: NR = not recorded; btoc = below top of casing; ml/min = milliliters per minute; L = liters; mS/cm = micro-Siemens/centimeter; NTU = Nephelometric Turbidity Unit; °C = degrees Celsius; mg/L = milligrams per liter; mV = millivolt											

Lee Avenue Railroad Area, Norwich, NY Groundwater Monitoring Program

Low-Flow Development / Sampling Log

Well ID: LARW11-3				Project: Lee Avenue Railroad Area				Page <u>1</u> of <u>1</u>			
Purging Data from Below Top of Casing (btoc)											
Purge Date: 2021-08-24		Depth to Water (feet btoc): 12.39		Previous Event Total Well Depth (feet btoc): 40.84		Water Column Height (H) (feet): 28.54		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 36.5 ft. btoc		Total Ls Removed: 4									
Purge Start Time: 11:09			Purge End Time: 11:35			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	
11:13	13.14	0.75	200	7.64	0.834	3.4	17.64	0.55	-85.00		
11:16	13.52	0.38	150	7.68	0.827	3.2	16.88	0.37	-118.00		
11:19	13.75	0.23	150	7.68	0.825	3.4	16.98	0.25	-122.00		
11:22	13.90	0.15	150	7.69	0.823	2.9	16.93	0.23	-125.00		
11:25	14.05	0.15	150	7.70	0.821	3.2	16.89	0.21	-128.00		
11:28	14.25	0.20	150	7.70	0.817	3	16.68	0.19	-130.00		
11:31	14.39	0.14	150	7.71	0.813	2.9	16.63	0.18	-133.00		
11:34	14.46	0.07	150	7.70	0.813	2.5	16.54	0.18	-133.00		
Groundwater Sample I.D.: LARW11-3				Groundwater Sample Time: 11:37			Duplicate Sample I.D.:		Duplicate Sample Time:		
Equipment/Rinsate Sample I.D.:				Equipment/Rinsate Sample Time:			Sampler Name: C. Myers				
Analytical Methods: VOCs, TICs, and Geochemical Parameters											
Notes: NR = not recorded; btoc = below top of casing; ml/min = milliliters per minute; L = liters; mS/cm = micro-Siemens/centimeter; NTU = Nephelometric Turbidity Unit; °C = degrees Celsius; mg/L = milligrams per liter; mV = millivolt											

Lee Avenue Railroad Area, Norwich, NY Groundwater Monitoring Program

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: 2021-08-24		Depth to Water (feet btoc): 8.22		Previous Event Total Well Depth (feet btoc): 17.17		Water Column Height (H) (feet): 8.67		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 Ls Removed: 4.8									
Purge Start Time: 09:45 Purge End Time: 10:17				Well Purged Dry: yes			Time allowed to recharge before sampling (if applicable): 21 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	
09:46	9.20	0.98	150	6.79	0.603	24.8	18.88	1.17	-78.00		
09:49	10.09	0.89	150	6.78	0.598	18.7	19.14	0.65	-82.00		
09:52	10.80	0.71	150	6.78	0.623	16.8	17.61	0.45	-82.00	Pause purge as water dropped below tubing intake. Difficulties experienced lowering tubing - lower approximately 3 feet and resume purge at 10:03.	
10:07	10.83	0.03	150	6.80	0.606	22.2	20.73	0.88	-46.00		
10:10	11.52	0.69	150	6.77	0.639	22.5	17.98	0.64	-53.00		
10:13	11.85	0.33	150	6.77	0.639	22.8	17.99	0.46	-56.00		
10:16	12.28	0.43	150	6.78	0.639	21.5	17.91	0.37	-59.00	Sampling before well runs dry.	
Groundwater Sample I.D.: MW-11R				Groundwater Sample Time: 10:18			Duplicate Sample I.D.:		Duplicate Sample Time:		
Equipment/Rinsate Sample I.D.:				Equipment/Rinsate Sample Time:			Sampler Name: C. Myers				
Analytical Methods: VOCs, TICs, and Geochemical Parameters											
Notes: NR = not recorded; btoc = below top of casing; ml/min = milliliters per minute; L = liters; mS/cm = micro-Siemens/centimeter; NTU = Nephelometric Turbidity Unit; °C = degrees Celsius; mg/L = milligrams per liter; mV = millivolt											

Lee Avenue Railroad Area, Norwich, NY Groundwater Monitoring Program

Low-Flow Development / Sampling Log

Well ID: MW-12				Project: Lee Avenue Railroad Area				Page <u>1</u> of <u>1</u>			
Purging Data from Below Top of Casing (btoc)											
Purge Date: 2021-08-24		Depth to Water (feet btoc): 11.88		Previous Event Total Well Depth (feet btoc): 13.51		Water Column Height (H) (feet): 1.62		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 Ls Removed: 2.4									
Purge Start Time: 17:01			Purge End Time: 17:17			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	
17:04	12.17	0.29	150	7.22	0.635	9.2	18.25	3.62	219.00		
17:07	12.30	0.13	150	7.17	0.603	13.4	16.87	3.38	226.00		
17:10	12.60	0.30	150	7.28	0.620	12.9	17.11	2.51	221.00	Water dropped below intake, lowered tubing	
17:13	12.82	0.22	150	7.20	0.732	8.5	17.51	1.40	224.00		
17:16	13.02	0.20	150	7.24	0.758	11.4	16.73	1.10	223.00		
Groundwater Sample I.D.: MW-12				Groundwater Sample Time: 17:18			Duplicate Sample I.D.:		Duplicate Sample Time:		
Equipment/Rinsate Sample I.D.:				Equipment/Rinsate Sample Time:			Sampler Name: C. Myers				
Analytical Methods: <u>VOCs</u>											
Notes: NR = not recorded; btoc = below top of casing; ml/min = milliliters per minute; L = liters; mS/cm = micro-Siemens/centimeter; NTU = Nephelometric Turbidity Unit; °C = degrees Celsius; mg/L = milligrams per liter; mV = millivolt											

Lee Avenue Railroad Area, Norwich, NY Groundwater Monitoring Program

Low-Flow Development / Sampling Log

Well ID: MW-14				Project: Lee Avenue Railroad Area				Page 1 of 1			
Purging Data from Below Top of Casing (btoc)											
Purge Date: 2021-08-24		Depth to Water (feet btoc): 7.62		Previous Event Total Well Depth (feet btoc): 16.82		Water Column Height (H) (feet): 9.18		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 14.5 ft. btoc		Total Ls Removed: 3.15									
Purge Start Time: 16:00			Purge End Time: 16:21			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	
16:04	7.62	0.00	150	7.76	1.46	0	18.15	4.34	240.00		
16:07	7.62	0.00	150	7.65	1.33	0	17.75	4.44	244.00		
16:10	7.62	0.00	150	7.60	1.28	0	17.62	4.38	247.00		
16:13	7.62	0.00	150	7.58	1.27	0	17.48	4.38	249.00		
16:16	7.62	0.00	150	7.56	1.27	0	17.39	4.36	252.00		
16:19	7.62	0.00	150	7.55	1.27	0	17.40	4.34	254.00		
Groundwater Sample I.D.: MW-14				Groundwater Sample Time: 16:25			Duplicate Sample I.D.:		Duplicate Sample Time:		
Equipment/Rinsate Sample I.D.:				Equipment/Rinsate Sample Time:			Sampler Name: M. Landsman-Gerjoi				
Analytical Methods: VOCs											
Notes: NR = not recorded; btoc = below top of casing; ml/min = milliliters per minute; L = liters; mS/cm = micro-Siemens/centimeter; NTU = Nephelometric Turbidity Unit; °C = degrees Celsius; mg/L = milligrams per liter; mV = millivolt											

Lee Avenue Railroad Area, Norwich, NY Groundwater Monitoring Program

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: 2021-08-24		Depth to Water (feet btoc): 8.89		Previous Event Total Well Depth (feet btoc): 13.63		Water Column Height (H) (feet): 4.76		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 Ls Removed: 4.35									
Purge Start Time: 13:29 Purge End Time: 13:58				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	
13:31	8.89	0.00	200	6.70	2.15	0	20.71	7.30	309.00		
13:36	8.89	0.00		7.56	1.44	0	19.57	5.62	250.00		
13:39	8.89	0.00	150	7.75	1.16	0	19.73	5.47	241.00		
13:42	8.89	0.00	150	7.84	1.01	0	19.70	5.51	238.00		
13:45	8.89	0.00	150	7.91	0.942	0	19.76	5.47	233.00		
13:48	8.89	0.00	150	7.96	0.946	0	19.61	5.44	232.00		
13:51	8.89	0.00	150	8.01	0.925	0	19.65	5.39	229.00		
13:54	8.89	0.00	150	8.03	0.909	0	19.67	5.43	226.00		
13:57	8.89	0.00	150	8.04	0.919	0	19.66	5.51	228.00		
Groundwater Sample I.D.: MW-15				Groundwater Sample Time: 14:05			Duplicate Sample I.D.:		Duplicate Sample Time:		
Equipment/Rinsate Sample I.D.:				Equipment/Rinsate Sample Time:			Sampler Name: M. Landsman-Gerjoi				
Analytical Methods: VOCs											
Notes: NR = not recorded; btoc = below top of casing; ml/min = milliliters per minute; L = liters; mS/cm = micro-Siemens/centimeter; NTU = Nephelometric Turbidity Unit; °C = degrees Celsius; mg/L = milligrams per liter; mV = millivolt											

Lee Avenue Railroad Area, Norwich, NY Groundwater Monitoring Program

Low-Flow Development / Sampling Log

Well ID: MW-19				Project: Lee Avenue Railroad Area				Page 1 of 1			
Purging Data from Below Top of Casing (btoc)											
Purge Date: 2021-08-24		Depth to Water (feet btoc): 6.36		Previous Event Total Well Depth (feet btoc): 19.63		Water Column Height (H) (feet): 13.16		Screened Interval (feet btoc): 15 to 20		Casing diameter (D) (inches): 2	
Groundwater Purge Information											
Sampling Method: Low Flow		Purge Equipment: PP-Peristaltic Pump									
Tubing / Pump set at 17.5 ft. btoc		Total Ls Removed: 4.2									
Purge Start Time: 17:00 Purge End Time: 17:21			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	
17:02	6.39	0.03	200	7.81	1.32	0	15.84	4.17	222.00		
17:05	6.39	0.00	200	7.76	1.32	0	14.64	2.88	227.00		
17:08	6.39	0.00	200	7.76	1.32	1.8	14.15	2.35	230.00		
17:11	6.39	0.00	200	7.72	1.32	0	13.76	2.09	233.00		
17:14	6.39	0.00	200	7.68	1.32	0	13.56	1.79	237.00		
17:17	6.39	0.00	200	7.67	1.33	0	13.54	1.74	239.00		
17:20	6.39	0.00	200	7.66	1.33	0	13.46	1.70	242.00		
Groundwater Sample I.D.: MW-19				Groundwater Sample Time: 17:25			Duplicate Sample I.D.:		Duplicate Sample Time:		
Equipment/Rinsate Sample I.D.:				Equipment/Rinsate Sample Time:			Sampler Name: M. Landsman-Gerjoi				
Analytical Methods: VOCs											
Notes: NR = not recorded; btoc = below top of casing; ml/min = milliliters per minute; L = liters; mS/cm = micro-Siemens/centimeter; NTU = Nephelometric Turbidity Unit; °C = degrees Celsius; mg/L = milligrams per liter; mV = millivolt											

Lee Avenue Railroad Area, Norwich, NY Groundwater Monitoring Program

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: 2021-08-24		Depth to Water (feet btoc): 10.24		Previous Event Total Well Depth (feet btoc): 26.75		Water Column Height (H) (feet): 14.76		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 24.5 ft. btoc		Total Ls Removed: 4									
Purge Start Time: 13:15 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	
13:19	10.24	0.00	200	6.99	1.32	0.3	17.14	9.10	220.00		
13:22	10.24	0.00	200	7.45	1.34	0	15.09	7.79	197.00		
13:25	10.24	0.00	200	7.56	1.34	0	14.76	7.40	191.00		
13:28	10.24	0.00	200	7.60	1.34	0.2	14.63	7.33	191.00		
13:31	10.24	0.00	200	7.64	1.34	0.2	14.55	7.34	189.00		
Groundwater Sample I.D.: MW-20				Groundwater Sample Time: 13:37			Duplicate Sample I.D.: DUP-01		Duplicate Sample Time: 13:37		
Equipment/Rinsate Sample I.D.:				Equipment/Rinsate Sample Time:			Sampler Name: C. Myers				
Analytical Methods: VOCs											
Notes: NR = not recorded; btoc = below top of casing; ml/min = milliliters per minute; L = liters; mS/cm = micro-Siemens/centimeter; NTU = Nephelometric Turbidity Unit; °C = degrees Celsius; mg/L = milligrams per liter; mV = millivolt											

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

Lee Avenue Railroad Area, Norwich, NY Groundwater Monitoring Program

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: 2021-08-26		Depth to Water (feet btoc): 9.71		Previous Event Total Well Depth (feet btoc): 16.31		Water Column Height (H) (feet): 6.53		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 12 ft. btoc		Total Ls Removed: 3.24									
Purge Start Time: 08:35			Purge End Time: 09:02			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	
08:41	9.75	0.04	120	6.14	1.65	0	19.18	5.51	328.00		
08:44	9.75	0.00	120	6.48	1.67	0	18.62	4.99	308.00		
08:47	9.75	0.00	120	6.69	1.67	0	18.43	4.58	299.00		
08:50	9.75	0.00	120	6.81	1.67	0	18.39	4.63	293.00		
08:53	9.75	0.00	120	6.92	1.66	0	18.32	4.78	287.00		
08:56	9.75	0.00	120	6.99	1.66	0	18.33	4.80	283.00		
08:59	9.75	0.00	120	7.03	1.66	0	18.39	4.66	280.00		
09:02	9.75	0.00	120	7.07	1.66	0	18.37	5.09	277.00		
Groundwater Sample I.D.: MW-9				Groundwater Sample Time: 09:05			Duplicate Sample I.D.:		Duplicate Sample Time:		
Equipment/Rinsate Sample I.D.:				Equipment/Rinsate Sample Time:			Sampler Name: M. Landsman-Gerjoi				
Analytical Methods: VOCs											
Notes: NR = not recorded; btoc = below top of casing; ml/min = milliliters per minute; L = liters; mS/cm = micro-Siemens/centimeter; NTU = Nephelometric Turbidity Unit; °C = degrees Celsius; mg/L = milligrams per liter; mV = millivolt											

Lee Avenue Railroad Area, Norwich, NY Groundwater Monitoring Program

Low-Flow Development / Sampling Log

Well ID: URS-12				Project: Lee Avenue Railroad Area				Page <u>1</u> of <u>1</u>		
Purging Data from Below Top of Casing (btoc)										
Purge Date: 2021-08-24		Depth to Water (feet btoc): 10.13		Previous Event Total Well Depth (feet btoc): 13.72		Water Column Height (H) (feet): 3.52		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 11.5 ft. btoc		Total Ls Removed: 4								
Purge Start Time: 14:57			Purge End Time: 15:17			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
15:00	10.22	0.09	200	7.55	1.65	1.7	21.75	4.09	185.00	
15:03	10.23	0.01	200	7.55	1.67	1	20.35	3.99	189.00	
15:06	10.24	0.01	200	7.54	1.67	0.6	20.03	4.06	192.00	
15:09	10.25	0.01	200	7.56	1.67	0.3	19.91	4.08	192.00	
15:12	10.25	0.00	200	7.57	1.67	0.3	19.91	4.12	192.00	
Groundwater Sample I.D.: URS-12				Groundwater Sample Time: 03:21			Duplicate Sample I.D.:		Duplicate Sample Time:	
Equipment/Rinsate Sample I.D.:				Equipment/Rinsate Sample Time:			Sampler Name: C. Myers			
Analytical Methods: <u>VOCs</u>										
Notes: NR = not recorded; btoc = below top of casing; ml/min = milliliters per minute; L = liters; mS/cm = micro-Siemens/centimeter; NTU = Nephelometric Turbidity Unit; °C = degrees Celsius; mg/L = milligrams per liter; mV = millivolt										

Lee Avenue Railroad Area, Norwich, NY Groundwater Monitoring Program

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: 2021-08-24		Depth to Water (feet btoc): 9.72		Previous Event Total Well Depth (feet btoc): 15.89		Water Column Height (H) (feet): 6.11		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 13.5 ft. btoc		Total Ls Removed: 4									
Purge Start Time: 14:03			Purge End Time: 02:23			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	
14:06	9.73	0.01	200	7.43	1.74	1	18.00	7.29	191.00		
14:09	9.73	0.00	200	7.35	1.76	0.7	17.15	7.19	200.00		
14:12	9.74	0.01	200	7.36	1.75	0.8	16.86	7.12	204.00		
14:15	9.74	0.00	200	7.36	1.76	0.5	16.90	7.06	204.00		
14:18	9.74	0.00	200	7.39	1.76	0.3	16.97	7.07	205.00		
Groundwater Sample I.D.: URS-13				Groundwater Sample Time: 14:27			Duplicate Sample I.D.:		Duplicate Sample Time:		
Equipment/Rinsate Sample I.D.:				Equipment/Rinsate Sample Time:			Sampler Name: C. Myers				
Analytical Methods: VOCs											
Notes: NR = not recorded; btoc = below top of casing; ml/min = milliliters per minute; L = liters; mS/cm = micro-Siemens/centimeter; NTU = Nephelometric Turbidity Unit; °C = degrees Celsius; mg/L = milligrams per liter; mV = millivolt											

Lee Avenue Railroad Area, Norwich, NY Groundwater Monitoring Program

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: 2021-08-25		Depth to Water (feet btoc): 8.5		Previous Event Total Well Depth (feet btoc): 13.69		Water Column Height (H) (feet): 5.11		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 11.5 ft. btoc		Total Ls Removed: 4									
Purge Start Time: 11:58			Purge End Time: 12:18			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	
12:01	8.50	0.00	200	7.30	1.24	0	18.71	4.77	214.00		
12:04	8.50	0.00	200	7.18	1.25	0	17.64	4.27	222.00		
12:07	8.50	0.00	200	7.12	1.24	0	17.26	4.02	227.00		
12:10	8.50	0.00	200	7.09	1.25	0	17.14	4.13	230.00		
12:13	8.50	0.00	200	7.08	1.25	0	17.05	4.18	232.00		
12:16	8.50	0.00	200	7.07	1.25	0	16.98	4.19	234.00		
Groundwater Sample I.D.: URS-14				Groundwater Sample Time: 12:20			Duplicate Sample I.D.:		Duplicate Sample Time:		
Equipment/Rinsate Sample I.D.:				Equipment/Rinsate Sample Time:			Sampler Name: M. Landsman-Gerjoi				
Analytical Methods: VOCs											
Notes: NR = not recorded; btoc = below top of casing; ml/min = milliliters per minute; L = liters; mS/cm = micro-Siemens/centimeter; NTU = Nephelometric Turbidity Unit; °C = degrees Celsius; mg/L = milligrams per liter; mV = millivolt											

Lee Avenue Railroad Area, Norwich, NY Groundwater Monitoring Program

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: 2021-08-25		Depth to Water (feet btoc): 11.19		Previous Event Total Well Depth (feet btoc): 23.57		Water Column Height (H) (feet): 12.33		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 21.5 ft. btoc		Total Ls Removed: 3								
Purge Start Time: 21:00			Purge End Time: 09:26			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
08:44	13.01	1.82	200	5.45	0.319	0	15.26	5.41	340.00	Significant drawdown noted.
09:01	12.50	-0.51	200	5.86	0.400	0	15.01	4.79	320.00	
09:04	14.05	1.55	200	5.84	0.441	0	13.93	3.40	318.00	
09:07	14.85	0.80	200	5.79	0.393	0	14.04	3.15	316.00	
09:10	15.47	0.62	200	5.78	0.389	0	14.33	2.88	315.00	
09:13	15.95	0.48	200	5.79	0.390	0	14.45	2.91	313.00	
09:16	16.00	0.05	200	5.83	0.391	0	14.53	2.72	312.00	
09:19	16.40	0.40	100	5.85	0.392	0	14.52	2.48	310.00	
09:22	16.62	0.22	100	5.87	0.392	0	14.65	2.38	308.00	
09:25	16.71	0.09	100	5.88	0.392	0	14.74	2.47	308.00	
Groundwater Sample I.D.: URS-1R				Groundwater Sample Time: 09:30			Duplicate Sample I.D.:		Duplicate Sample Time:	
Equipment/Rinsate Sample I.D.:				Equipment/Rinsate Sample Time:			Sampler Name: M. Landsman-Gerjoi			
Analytical Methods: VOCs, TICs, and Geochemical Parameters										
Notes: NR = not recorded; btoc = below top of casing; ml/min = milliliters per minute; L = liters; mS/cm = micro-Siemens/centimeter; NTU = Nephelometric Turbidity Unit; °C = degrees Celsius; mg/L = milligrams per liter; mV = millivolt										

Lee Avenue Railroad Area, Norwich, NY Groundwater Monitoring Program

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: 2021-08-25		Depth to Water (feet btoc): 13.12		Previous Event Total Well Depth (feet btoc): 15.95		Water Column Height (H) (feet): 2.77		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 13.5 ft. btoc		Total Ls Removed: 0.47									
Purge Start Time: 10:46 Purge End Time: 11:28			Well Purged Dry: yes			Time allowed to recharge before sampling (if applicable): 1 hour					
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	
10:50	13.40	0.28	150	6.99	1.08	0	16.94	2.05	255.00		
10:53	13.68	0.28	150	7.05	0.897	0	16.92	3.94	250.00		
10:56	13.88	0.20	150	7.08	0.890	0	16.90	4.56	251.00		
10:59	14.08	0.20	100	7.09	0.904	0	16.86	4.58	252.00		
11:02	14.24	0.16	100	7.10	0.920	0	16.91	4.45	252.00		
11:05	14.38	0.14	100	7.12	0.959	0	16.99	4.09	251.00		
11:08	14.58	0.20	100	7.13	1.06	0	16.86	3.62	250.00		
11:11	14.68	0.10	100	7.14	1.13	0	16.95	2.91	248.00		
11:14	14.86	0.18	100	7.15	1.13	0	16.85	2.37	245.00		
11:17	14.98	0.12	100	7.16	1.29	0	17.31	1.62	244.00	Well went dry. Left to recharge	
11:23	14.90	0.08	100	7.23	1.36	0	17.96	1.45	232.00	Recharged for 5 minutes, ran dry again	
Groundwater Sample I.D.: URS-2S				Groundwater Sample Time: 12:35			Duplicate Sample I.D.:		Duplicate Sample Time:		
Equipment/Rinsate Sample I.D.:				Equipment/Rinsate Sample Time:			Sampler Name: M. Landsman-Gerjoi				
Analytical Methods: VOCs											
Notes: NR = not recorded; btoc = below top of casing; ml/min = milliliters per minute; L = liters; mS/cm = micro-Siemens/centimeter; NTU = Nephelometric Turbidity Unit; °C = degrees Celsius; mg/L = milligrams per liter; mV = millivolt											

Well ID: URS-3R – not completed due to insufficient water volume and amendment material in well					Project: Lee Avenue Railroad Area					Page <u>1</u> of <u>1</u>				
Purging Data from Below Top of Casing (btoc)														
Purge Date: Not applicable (NA)			Depth to Water (feet btoc): 7.62			Previous Event Total Well Depth (feet btoc): 16.65			Water Column Height (H) (feet): 1.03		Screened Interval (feet btoc): 12 to 17		Casing diameter (D) (inches): 2	
Groundwater Purge Information														
Sampling Method: NA			Purge Equipment: NA											
Tubing / Pump set at NA			Total Ls Removed: 0											
Purge Start Time: 08:30					Purge End Time: 08:30					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 I.D.: NA				Groundwater Sample Time: NA				Duplicate Sample I.D.:			Duplicate Sample Time:			
Equipment/Rinsate Sample I.D.:				Equipment/Rinsate Sample Time:				Sampler Name: M. Landsman-Gerjoi						
Analytical Methods: VOCs, TICs, and Geochemical Parameters														
Notes: NR = not recorded; btoc = below top of casing; ml/min = milliliters per minute; L = liters; mS/cm = micro-Siemens/centimeter; NTU = Nephelometric Turbidity Unit; °C = degrees Celsius; mg/L = milligrams per liter; mV = millivolt														

Lee Avenue Railroad Area, Norwich, NY Groundwater Monitoring Program

Low-Flow Development / Sampling Log

Well ID: URS-7S				Project: Lee Avenue Railroad Area				Page <u>1</u> of <u>1</u>			
Purging Data from Below Top of Casing (btoc)											
Purge Date: 2021-08-24		Depth to Water (feet btoc): 11.38		Previous Event Total Well Depth (feet btoc): 14.71		Water Column Height (H) (feet): 3.23		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 12.5 ft. btoc		Total Ls Removed: 6									
Purge Start Time: 15:05 Purge End Time: 15:36			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	
				7.29		0	17.19	4.96		URS-7S purged to stability; technological issue deleted purge records	
Groundwater Sample I.D.: URS-7S				Groundwater Sample Time: 15:40			Duplicate Sample I.D.:		Duplicate Sample Time:		
Equipment/Rinsate Sample I.D.:				Equipment/Rinsate Sample Time:			Sampler Name: M. Landsman-Gerjoi				
Analytical Methods: <u>VOCs, TICs, and Geochemical Parameters</u>											
Notes: NR = not recorded; btoc = below top of casing; ml/min = milliliters per minute; L = liters; mS/cm = micro-Siemens/centimeter; NTU = Nephelometric Turbidity Unit; °C = degrees Celsius; mg/L = milligrams per liter; mV = millivolt											

Lee Avenue Railroad Area, Norwich, NY Groundwater Monitoring Program

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: 2021-08-25		Depth to Water (feet btoc): 10.67		Previous Event Total Well Depth (feet btoc): 15.68		Water Column Height (H) (feet): 4.95		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 Ls Removed: 5								
Purge Start Time: 13:18 Purge End Time: 13:43				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
13:20	10.75	0.08	200	7.21	3.10	4.2	20.50	0.44	71.00	
13:23	10.76	0.01	200	7.07	3.00	1.9	18.35	0.33	78.00	
13:26	10.76	0.00	200	7.07	2.82	1.2	18.04	0.43	76.00	
13:29	10.76	0.00	200	7.08	2.74	1.2	17.72	0.56	78.00	
13:32	10.76	0.00	200	7.09	2.66	0.7	17.61	0.70	77.00	
13:35	10.76	0.00	200	7.11	2.63	1	17.55	0.83	79.00	
13:38	10.76	0.00	200	7.10	2.59	0.4	17.56	0.94	78.00	
Groundwater Sample I.D.: URS-8S				Groundwater Sample Time: 13:44			Duplicate Sample I.D.: DUP-02		Duplicate Sample Time: 13:44	
Equipment/Rinsate Sample I.D.:				Equipment/Rinsate Sample Time:			Sampler Name: C. Myers			
Analytical Methods: VOCs, TICs, and Geochemical Parameters										
Notes: NR = not recorded; btoc = below top of casing; ml/min = milliliters per minute; L = liters; mS/cm = micro-Siemens/centimeter; NTU = Nephelometric Turbidity Unit; °C = degrees Celsius; mg/L = milligrams per liter; mV = millivolt										

Lee Avenue Railroad Area, Norwich, NY Groundwater Monitoring Program

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: 2021-08-25		Depth to Water (feet btoc): 12.76		Previous Event Total Well Depth (feet btoc): 16.63		Water Column Height (H) (feet): 3.84		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 14.5 ft. btoc		Total Ls Removed: 6.6									
Purge Start Time: 13:23 Purge End Time: 13:56				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	
13:26	12.79	0.03	200	6.83	0.900	0	19.43	5.40	225.00		
13:29	12.79	0.00	200	6.71	0.939	0	19.19	4.94	231.00		
13:32	12.79	0.00	200	6.68	1.03	0	19.05	4.75	234.00		
13:34	12.79	0.00	200	6.69	1.11	0	18.90	4.58	237.00		
13:38	12.79	0.00	200	6.70	1.21	0	18.87	4.51	240.00		
13:41	12.79	0.00	200	6.71	1.26	0	18.82	4.25	240.00		
13:44	12.79	0.00	200	6.72	1.30	0	18.72	4.11	241.00		
13:47	12.79	0.00	200	6.73	1.33	0	18.73	4.05	241.00		
13:50	12.79	0.00	200	6.74	1.36	0	18.70	4.02	242.00		
13:53	12.79	0.00	200	6.74	1.38	0	18.67	4.10	242.00		
13:56	12.79		200	6.74	1.39	0	18.66	3.98	242.00		
Groundwater Sample I.D.: URS-9S				Groundwater Sample Time: 14:05			Duplicate Sample I.D.:		Duplicate Sample Time:		
Equipment/Rinsate Sample I.D.:				Equipment/Rinsate Sample Time:			Sampler Name: M. Landsman-Gerjoi				
Analytical Methods: VOCs, TICs, and Geochemical Parameters											
Notes: NR = not recorded; btoc = below top of casing; ml/min = milliliters per minute; L = liters; mS/cm = micro-Siemens/centimeter; NTU = Nephelometric Turbidity Unit; °C = degrees Celsius; mg/L = milligrams per liter; mV = millivolt											

Lee Avenue Railroad Area, Norwich, NY Groundwater Monitoring Program

Low-Flow Development / Sampling Log

Well ID: LARW11-2				Project: Lee Avenue Railroad Area				Page 1 of 2			
Purging Data from Below Top of Casing (btoc)											
Purge Date: 2021-08-25			Depth to Water (feet btoc): 7.25		Previous Event Total Well Depth (feet btoc): 30.32		Water Column Height (H) (feet): 23.07		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 26.5 ft. btoc			Total Ls Removed: 9.3								
Purge Start: 07:38 Purge End: 08:40				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	
07:42	8.42	1.17	200	6.99	0.724	4.1	16.06	0.45	310.00		
07:45	9.03	0.61	150	7.38	0.720	3.8	15.44	0.22	280.00		
07:48	9.40	0.37	150	7.42	0.720	4.5	15.43	0.16	275.00		
07:51	10.03	0.63	150	7.44	0.718	4.7	15.38	0.12	270.00		
07:54	10.44	0.41	150	7.45	0.718	4.8	15.40	0.10	267.00		
07:57	10.95	0.51	150	7.45	0.717	4	15.31	0.10	265.00		
08:00	11.30	0.35	150	7.45	0.716	4.5	15.26	0.10	263.00		
08:03	11.71	0.41	150	7.45	0.715	4.3	15.18	0.11	262.00		
08:06	12.08	0.37	150	7.45	0.713	0.4	15.12	0.12	261.00		
08:09	12.38	0.30	150	7.46	0.712	3.5	15.06	0.14	259.00		
08:12	12.64	-0.16	150	7.46	0.710	3	15.03	0.15	258.00		
08:15	12.80	0.16	150	7.46	0.710	2.7	15.05	0.15	257.00		
Groundwater Sample I.D.: LARW11-2				Groundwater Sample Time: 08:41		Duplicate Sample I.D.:				Duplicate Sample Time:	
Equipment/Rinsate Sample I.D.:				Equipment/Rinsate Sample Time:		Sampler Name: C. Myers					
Analytical Methods: VOCs, TICs, and Geochemical Parameters											

Lee Avenue Railroad Area, Norwich, NY Groundwater Monitoring Program

Low-Flow Development / Sampling Log

Well ID: LARW11-2				Project: Lee Avenue Railroad Area				Page 2 of 2			
Purging Data from Below Top of Casing (btoc)											
Purge Date: 2021-08-25			Depth to Water (feet btoc): 7.25		Previous Event Total Well Depth (feet btoc): 30.32		Water Column Height (H) (feet): 23.07		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 ____ ft. btoc			Total Ls Removed: 9.3								
Purge Start: 07:38 Purge End: 08:40			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	
08:18	13.03	0.23	150	7.46	0.706	3.2	14.98	0.16	253.00		
08:24	13.58	0.55	150	7.46	0.709	3.3	14.86	0.18	206.00	Lost 8:21 reading	
08:27	13.71	0.13	150	7.46	0.708	3.3	14.84	0.19	155.00		
08:30	13.95	0.24	150	7.47	0.702	3.3	14.79	0.22	67.00		
08:33	14.14	0.19	150	7.48	0.697	3.3	14.74	0.27	9.00		
08:36	14.27	0.13	150	7.47	0.691	3.3	14.73	0.28	-6.00		
08:39	14.40	0.13	150	7.47	0.683	3.9	14.69	0.33	-11.00		
Groundwater Sample I.D.: LARW11-2			Groundwater Sample Time: 08:41			Duplicate Sample I.D.:			Duplicate Sample Time:		
Equipment/Rinsate Sample I.D.:			Equipment/Rinsate Sample Time:			Sampler Name: C. Myers					
Analytical Methods: VOCs, TICs, and Geochemical Parameters											
Notes: NR = not recorded; btoc = below top of casing; ml/min = milliliters per minute; L = liters; mS/cm = micro-Siemens/centimeter; NTU = Nephelometric Turbidity Unit; °C = degrees Celsius; mg/L = milligrams per liter; mV = millivolt											



Appendix B Laboratory Analytical Reports – VOCs and Geochemical Parameters

ANALYTICAL REPORT

Eurofins TestAmerica, Buffalo
10 Hazelwood Drive
Amherst, NY 14228-2298
Tel: (716)691-2600

Laboratory Job ID: 480-188784-1

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

For:

EHS Support, LLC
22 Brockman Drive
Charleston, South Carolina 29412

Attn: Cassie Reuter



Authorized for release by:
9/7/2021 12:16:36 PM

Eddie Barnett, Project Manager I
(912)250-0280
Eddie.Barnett@Eurofinset.com

LINKS

Review your project
results through

TotalAccess

Have a Question?



Visit us at:

www.eurofinsus.com/Env

The test results in this report meet all 2003 NELAC, 2009 TNI, and 2016 TNI requirements for accredited parameters, exceptions are noted in this report. This report may not be reproduced except in full, and with written approval from the laboratory. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

Table of Contents

Cover Page 1

Table of Contents 2

Case Narrative 3

Sample Summary 6

Method Summary 7

Definitions/Glossary 8

Detection Summary 10

Client Sample Results 14

Surrogate Summary 51

QC Sample Results 53

QC Association Summary 77

Lab Chronicle 83

Chain of Custody 90

Receipt Checklists 100

 Certification Summary 102



Case Narrative

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

Job ID: 480-188784-1

Job ID: 480-188784-1

Laboratory: Eurofins TestAmerica, Buffalo

Narrative

CASE NARRATIVE

Client: EHS Support, LLC

Project: Ashland Lee Ave. Railroad - Norwich, NY

Report Number: 480-188784-1

With the exceptions noted as flags or footnotes, standard analytical protocols were followed in the analysis of the samples and no problems were encountered or anomalies observed. In addition all laboratory quality control samples were within established control limits, with any exceptions noted below. Each sample was analyzed to achieve the lowest possible reporting limit within the constraints of the method. In the event of interference or analytes present at high concentrations, samples may be diluted. For diluted samples, the reporting limits are adjusted relative to the dilution required.

RECEIPT

The samples were received on 08/26/2021; the samples arrived in good condition, properly preserved and on ice. The temperatures of the 3 coolers at receipt time were 2.5° C, 2.8° C and 3.0° C.

VOLATILE ORGANIC COMPOUNDS

Samples MW-11R (480-188784-1), LARW11_2 (480-188784-2), LARW11_3 (480-188784-3), URS-1R (480-188784-4), URS-7S (480-188784-5), URS-8S (480-188784-6), URS-9S (480-188784-7), DUP-02 (480-188784-8), EB-02 (480-188784-9), LAOW11_1 (480-188784-10), LAOW11_6 (480-188784-11), LAOW11_9 (480-188784-12), MW-12 (480-188784-13), MW-14 (480-188784-14), MW-15 (480-188784-15), MW-19 (480-188784-16), MW-20 (480-188784-17), URS-2S (480-188784-18), URS-12 (480-188784-19), URS-13 (480-188784-20), URS-14 (480-188784-21), DUP-01 (480-188784-22), EB-01 (480-188784-23), TB-01 (480-188784-24) and TB-02 (480-188784-25) were analyzed for Volatile Organic Compounds in accordance with EPA SW846 Method 8260C. The samples were analyzed on 08/29/2021, 08/31/2021 and 09/01/2021.

Several analytes recovered high for the MS of sample MW-20MS (480-188784-17) and MSD of sample MW-20MSD (480-188784-17) in batch 480-594489. Refer to the QC report for details.

Several analytes exceeded the RPD limit for the MSD of sample URS-8MSD (480-188784-6) in batch 480-594718. Refer to the QC report for details.

Samples MW-11R (480-188784-1)[40X], LARW11_2 (480-188784-2)[20X] and LAOW11_1 (480-188784-10)[2X] required dilution prior to analysis. The reporting limits have been adjusted accordingly.

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

DISSOLVED GASES

Samples MW-11R (480-188784-1), LARW11_2 (480-188784-2), LARW11_3 (480-188784-3), URS-1R (480-188784-4), URS-7S (480-188784-5), URS-8S (480-188784-6), URS-9S (480-188784-7), DUP-02 (480-188784-8) and EB-02 (480-188784-9) were analyzed for dissolved gases in accordance with RSK-175. The samples were analyzed on 08/30/2021 and 08/31/2021.

Sample MW-11R (480-188784-1)[10X] required dilution prior to analysis. The reporting limits have been adjusted accordingly.

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

CARBON DIOXIDE

Samples MW-11R (480-188784-1), LARW11_2 (480-188784-2), LARW11_3 (480-188784-3), URS-1R (480-188784-4), URS-7S (480-188784-5), URS-8S (480-188784-6), URS-9S (480-188784-7), DUP-02 (480-188784-8) and EB-02 (480-188784-9) were analyzed for carbon dioxide in accordance with RSK-175 (CO₂). The samples were analyzed on 08/31/2021.

Case Narrative

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

Job ID: 480-188784-1

Job ID: 480-188784-1 (Continued)

Laboratory: Eurofins TestAmerica, Buffalo (Continued)

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

METALS (ICP) - DISSOLVED

Samples LARW11_2 (480-188784-2), LARW11_3 (480-188784-3), URS-1R (480-188784-4), URS-7S (480-188784-5), URS-8S (480-188784-6), URS-9S (480-188784-7), DUP-02 (480-188784-8) and EB-02 (480-188784-9) were analyzed for Metals (ICP) - Dissolved in accordance with EPA SW-846 Method 6010C. The samples were prepared and analyzed on 09/01/2021.

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

DISSOLVED FERROUS IRON

Samples LARW11_2 (480-188784-2), LARW11_3 (480-188784-3), URS-1R (480-188784-4), URS-7S (480-188784-5), URS-8S (480-188784-6), URS-9S (480-188784-7), DUP-02 (480-188784-8) and EB-02 (480-188784-9) were analyzed for dissolved ferrous iron in accordance with SM 3500 FE D. The samples were analyzed on 08/28/2021.

This analysis is normally performed in the field and has a method-defined holding time of 15 minutes. The samples were analyzed in the laboratory outside the 15 minute timeframe.

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

FERRIC IRON

Samples LARW11_2 (480-188784-2), LARW11_3 (480-188784-3), URS-1R (480-188784-4), URS-7S (480-188784-5), URS-8S (480-188784-6), URS-9S (480-188784-7), DUP-02 (480-188784-8) and EB-02 (480-188784-9) were analyzed for ferric iron in accordance with 3500_Fe+3. The samples were analyzed on 09/03/2021.

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

NITRATE-NITRITE AS NITROGEN

Samples LARW11_2 (480-188784-2), LARW11_3 (480-188784-3), URS-1R (480-188784-4), URS-7S (480-188784-5), URS-8S (480-188784-6), URS-9S (480-188784-7), DUP-02 (480-188784-8) and EB-02 (480-188784-9) were analyzed for nitrate-nitrite as nitrogen in accordance with EPA Method 353.2. The samples were analyzed on 08/26/2021.

Nitrate Nitrite as N recovered high for the MS of sample URS-8SMS (480-188784-6) in batch 480-594324. Refer to the QC report for details.

Samples URS-1R (480-188784-4)[5X], URS-8S (480-188784-6)[2X], URS-9S (480-188784-7)[10X] and DUP-02 (480-188784-8)[2X] required dilution prior to analysis. The reporting limits have been adjusted accordingly.

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

NITRITE AS NITROGEN

Samples LARW11_2 (480-188784-2), LARW11_3 (480-188784-3), URS-1R (480-188784-4), URS-7S (480-188784-5), URS-8S (480-188784-6), URS-9S (480-188784-7), DUP-02 (480-188784-8) and EB-02 (480-188784-9) were analyzed for Nitrite as nitrogen in accordance with EPA Method 353.2. The samples were analyzed on 08/26/2021 and 08/27/2021.

Nitrite as N was detected in method blank MB 480-594325/3 at a level that was above the method detection limit but below the reporting limit. The value should be considered an estimate, and has been flagged. If the associated sample reported a result above the MDL and/or RL, the result has been flagged. Refer to the QC report for details.

Nitrite as N recovered high for the MS of sample URS-8SMS (480-188784-6) and MSD of sample URS-8SMSD (480-188784-6) in batch 480-594325. Refer to the QC report for details.

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

ANIONS

Case Narrative

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

Job ID: 480-188784-1

Job ID: 480-188784-1 (Continued)

Laboratory: Eurofins TestAmerica, Buffalo (Continued)

Samples LARW11_2 (480-188784-2), LARW11_3 (480-188784-3), URS-1R (480-188784-4), URS-7S (480-188784-5), URS-8S (480-188784-6), URS-9S (480-188784-7), DUP-02 (480-188784-8) and EB-02 (480-188784-9) were analyzed for anions in accordance with EPA SW-846 Method 9056. The samples were analyzed on 09/02/2021.

Samples LARW11_2 (480-188784-2)[2X], LARW11_3 (480-188784-3)[2X], URS-1R (480-188784-4)[2X], URS-7S (480-188784-5)[5X], URS-8S (480-188784-6)[10X], URS-9S (480-188784-7)[5X] and DUP-02 (480-188784-8)[10X] required dilution prior to analysis. The reporting limits have been adjusted accordingly.

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

DISSOLVED ORGANIC CARBON (DOC)

Samples LARW11_2 (480-188784-2), LARW11_3 (480-188784-3), URS-1R (480-188784-4), URS-7S (480-188784-5), URS-8S (480-188784-6), URS-9S (480-188784-7), DUP-02 (480-188784-8) and EB-02 (480-188784-9) were analyzed for Dissolved Organic Carbon (DOC) in accordance with EPA SW-846 9060A. The samples were analyzed on 09/01/2021.

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

NITRATE

Samples LARW11_2 (480-188784-2), LARW11_3 (480-188784-3), URS-1R (480-188784-4), URS-7S (480-188784-5), URS-8S (480-188784-6), URS-9S (480-188784-7), DUP-02 (480-188784-8) and EB-02 (480-188784-9) were analyzed for nitrate in accordance with EPA Method 353.2. The samples were analyzed on 08/26/2021.

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

SULFIDE

Samples LARW11_2 (480-188784-2), LARW11_3 (480-188784-3), URS-1R (480-188784-4), URS-7S (480-188784-5), URS-8S (480-188784-6), URS-9S (480-188784-7), DUP-02 (480-188784-8) and EB-02 (480-188784-9) were analyzed for sulfide in accordance with SM 4500 S₂ F. The samples were analyzed on 08/31/2021.

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

VOLATILE FATTY ACIDS

Samples MW-11R (480-188784-1), LARW11_2 (480-188784-2), LARW11_3 (480-188784-3), URS-1R (480-188784-4), URS-7S (480-188784-5), URS-8S (480-188784-6), URS-9S (480-188784-7), DUP-02 (480-188784-8) and EB-02 (480-188784-9) were analyzed for Volatile Fatty Acids in accordance with VFA by IC. The samples were analyzed on 08/31/2021.

Pyruvic Acid recovered high for the MS of sample URS-7SMS (480-188784-5) in batch 480-594630. Refer to the QC report for details.

Pyruvic Acid recovered high for the MS of sample URS-8SMS (480-188784-6) and MSD of sample URS-8SMSD (480-188784-6) in batch 480-594630. Refer to the QC report for details.

Samples MW-11R (480-188784-1)[20X], LARW11_2 (480-188784-2)[2X], LARW11_3 (480-188784-3)[2X], URS-1R (480-188784-4)[5X], URS-7S (480-188784-5)[5X], URS-8S (480-188784-6)[5X], URS-9S (480-188784-7)[5X] and DUP-02 (480-188784-8)[5X] required dilution prior to analysis. The reporting limits have been adjusted accordingly.

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
Project/Site: Ashland Lee Ave. Railroad - Norwich, NY

Job ID: 480-188784-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
480-188784-1	MW-11R	Water	08/25/21 10:18	08/26/21 10:30
480-188784-2	LARW11_2	Water	08/25/21 08:41	08/26/21 10:30
480-188784-3	LARW11_3	Water	08/25/21 11:37	08/26/21 10:30
480-188784-4	URS-1R	Water	08/25/21 09:30	08/26/21 10:30
480-188784-5	URS-7S	Water	08/25/21 15:40	08/26/21 10:30
480-188784-6	URS-8S	Water	08/25/21 13:44	08/26/21 10:30
480-188784-7	URS-9S	Water	08/25/21 14:05	08/26/21 10:30
480-188784-8	DUP-02	Water	08/25/21 00:00	08/26/21 10:30
480-188784-9	EB-02	Water	08/25/21 07:00	08/26/21 10:30
480-188784-10	LAOW11_1	Water	08/24/21 16:27	08/26/21 10:30
480-188784-11	LAOW11_6	Water	08/24/21 18:20	08/26/21 10:30
480-188784-12	LAOW11_9	Water	08/24/21 15:20	08/26/21 10:30
480-188784-13	MW-12	Water	08/24/21 17:18	08/26/21 10:30
480-188784-14	MW-14	Water	08/24/21 16:25	08/26/21 10:30
480-188784-15	MW-15	Water	08/24/21 14:05	08/26/21 10:30
480-188784-16	MW-19	Water	08/24/21 17:25	08/26/21 10:30
480-188784-17	MW-20	Water	08/24/21 13:37	08/26/21 10:30
480-188784-18	URS-2S	Water	08/25/21 12:35	08/26/21 10:30
480-188784-19	URS-12	Water	08/24/21 15:21	08/26/21 10:30
480-188784-20	URS-13	Water	08/24/21 14:27	08/26/21 10:30
480-188784-21	URS-14	Water	08/25/21 12:20	08/26/21 10:30
480-188784-22	DUP-01	Water	08/24/21 00:00	08/26/21 10:30
480-188784-23	EB-01	Water	08/24/21 19:00	08/26/21 10:30
480-188784-24	TB-01	Water	08/24/21 12:00	08/26/21 10:30
480-188784-25	TB-02	Water	08/24/21 12:00	08/26/21 10:30

Method Summary

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

Job ID: 480-188784-1

Method	Method Description	Protocol	Laboratory
8260C	Volatile Organic Compounds by GC/MS	SW846	TAL BUF
RSK-175	Dissolved Gases (GC)	RSK	TAL BUR
RSK-175	Dissolved Gases (GC)	RSK	TAL CAN
6010C	Metals (ICP)	SW846	TAL BUF
353.2	Nitrogen, Nitrate-Nitrite	MCAWW	TAL BUF
353.2	Nitrogen, Nitrite	MCAWW	TAL BUF
9056A	Anions, Ion Chromatography	SW846	TAL BUF
9060A	Organic Carbon, Dissolved (DOC)	SW846	TAL BUF
Nitrate by calc	Nitrogen, Nitrate-Nitrite	SM	TAL BUF
SM 3500	Iron, Ferric	SM	TAL BUF
SM 3500 FE D	Iron, Ferrous and Ferric	SM	TAL BUF
SM 4500 S2 F	Sulfide, Total	SM	TAL BUF
VFA-IC	Volatile Fatty Acids, Ion Chromatography	TestAmerica SOP	TAL BUF
3005A	Preparation, Total Recoverable or Dissolved Metals	SW846	TAL BUF
5030C	Purge and Trap	SW846	TAL BUF

Protocol References:

MCAWW = "Methods For Chemical Analysis Of Water And Wastes", EPA-600/4-79-020, March 1983 And Subsequent Revisions.

RSK = Sample Prep And Calculations For Dissolved Gas Analysis In Water Samples Using A GC Headspace Equilibration Technique, RSKSOP-175, Rev. 0, 8/11/94, USEPA Research Lab

SM = "Standard Methods For The Examination Of Water And Wastewater"

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

TestAmerica SOP = TestAmerica, Inc., Standard Operating Procedure

Laboratory References:

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

TAL BUR = Eurofins TestAmerica, Burlington, 530 Community Drive, Suite 11, South Burlington, VT 05403, TEL (802)660-1990

TAL CAN = Eurofins TestAmerica, Canton, 4101 Shuffel Street NW, North Canton, OH 44720, TEL (330)497-9396

Definitions/Glossary

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

Job ID: 480-188784-1

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
F1	MS and/or MSD recovery exceeds control limits.
F2	MS/MSD RPD exceeds control limits
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 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.

Metals

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

General Chemistry

Qualifier	Qualifier Description
B	Compound was found in the blank and sample.
E	Result exceeded calibration range.
F1	MS and/or MSD recovery exceeds control limits.
HF	Field parameter with a holding time of 15 minutes. Test performed by laboratory at client's request.
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.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
α	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)

Definitions/Glossary

Client: EHS Support, LLC

Project/Site: Ashland Lee Ave. Railroad - Norwich, NY

Job ID: 480-188784-1

Glossary (Continued)

Abbreviation	These commonly used abbreviations may or may not be present in this report.
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

1

2

3

4

5

6

7

8

9

10

11

12

13

14

Detection Summary

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

Job ID: 480-188784-1

Client Sample ID: MW-11R

Lab Sample ID: 480-188784-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1,1-Trichloroethane	60		40	33	ug/L	40		8260C	Total/NA
1,1-Dichloroethane	1200		40	15	ug/L	40		8260C	Total/NA
1,1-Dichloroethene	35	J	40	12	ug/L	40		8260C	Total/NA
cis-1,2-Dichloroethene	1000		40	32	ug/L	40		8260C	Total/NA
Trichloroethene	130		40	18	ug/L	40		8260C	Total/NA
Vinyl chloride	2300		40	36	ug/L	40		8260C	Total/NA
Carbon dioxide	50000		5000	3800	ug/L	1		RSK-175	Total/NA
Ethene	1900		1.0	0.27	ug/L	1		RSK-175	Total/NA
Ethane	3.0		1.0	0.29	ug/L	1		RSK-175	Total/NA
Methane	13000		10	1.7	ug/L	10		RSK-175	Total/NA
Acetic acid	143		20.0	5.8	mg/L	20		VFA-IC	Total/NA

Client Sample ID: LARW11_2

Lab Sample ID: 480-188784-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	17	J	20	7.6	ug/L	20		8260C	Total/NA
cis-1,2-Dichloroethene	1700		20	16	ug/L	20		8260C	Total/NA
Tetrachloroethene	140		20	7.2	ug/L	20		8260C	Total/NA
trans-1,2-Dichloroethene	41		20	18	ug/L	20		8260C	Total/NA
Trichloroethene	620		20	9.2	ug/L	20		8260C	Total/NA
Vinyl chloride	110		20	18	ug/L	20		8260C	Total/NA
Carbon dioxide	18000		5000	3800	ug/L	1		RSK-175	Total/NA
Ethene	9.1		1.0	0.27	ug/L	1		RSK-175	Total/NA
Ethane	0.55	J	1.0	0.29	ug/L	1		RSK-175	Total/NA
Methane	320		1.0	0.17	ug/L	1		RSK-175	Total/NA
Iron, Dissolved	0.12		0.050	0.019	mg/L	1		6010C	Dissolved
Nitrate Nitrite as N	0.031	J	0.050	0.020	mg/L	1		353.2	Total/NA
Chloride	39.6		1.0	0.56	mg/L	2		9056A	Total/NA
Sulfate	13.9		4.0	0.70	mg/L	2		9056A	Total/NA
Nitrate as N	0.031	J	0.050	0.020	mg/L	1		Nitrate by calc	Total/NA
Dissolved Organic Carbon	1.9		1.0	0.43	mg/L	1		9060A	Dissolved
Ferric Iron	0.12		0.10	0.075	mg/L	1		SM 3500	Dissolved

Client Sample ID: LARW11_3

Lab Sample ID: 480-188784-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	7.2		1.0	0.38	ug/L	1		8260C	Total/NA
Chloroethane	0.38	J	1.0	0.32	ug/L	1		8260C	Total/NA
Carbon dioxide	13000		5000	3800	ug/L	1		RSK-175	Total/NA
Ethene	3.2		1.0	0.27	ug/L	1		RSK-175	Total/NA
Ethane	3.8		1.0	0.29	ug/L	1		RSK-175	Total/NA
Methane	1700		1.0	0.17	ug/L	1		RSK-175	Total/NA
Iron, Dissolved	0.45		0.050	0.019	mg/L	1		6010C	Dissolved
Nitrate Nitrite as N	0.032	J	0.050	0.020	mg/L	1		353.2	Total/NA
Chloride	136		1.0	0.56	mg/L	2		9056A	Total/NA
Sulfate	8.2		4.0	0.70	mg/L	2		9056A	Total/NA
Nitrate as N	0.032	J	0.050	0.020	mg/L	1		Nitrate by calc	Total/NA
Dissolved Organic Carbon	1.6		1.0	0.43	mg/L	1		9060A	Dissolved
Ferric Iron	0.45		0.10	0.075	mg/L	1		SM 3500	Dissolved

This Detection Summary does not include radiochemical test results.

Eurofins TestAmerica, Buffalo

Detection Summary

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

Job ID: 480-188784-1

Client Sample ID: URS-1R

Lab Sample ID: 480-188784-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Carbon dioxide	32000		5000	3800	ug/L	1		RSK-175	Total/NA
Nitrate Nitrite as N	12.6		0.25	0.10	mg/L	5		353.2	Total/NA
Chloride	53.5		1.0	0.56	mg/L	2		9056A	Total/NA
Sulfate	12.8		4.0	0.70	mg/L	2		9056A	Total/NA
Nitrate as N	12.6		0.050	0.020	mg/L	1		Nitrate by calc	Total/NA
Dissolved Organic Carbon	2.6		1.0	0.43	mg/L	1		9060A	Dissolved

Client Sample ID: URS-7S

Lab Sample ID: 480-188784-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	1.9		1.0	0.81	ug/L	1		8260C	Total/NA
Trichloroethene	1.6		1.0	0.46	ug/L	1		8260C	Total/NA
Carbon dioxide	6900		5000	3800	ug/L	1		RSK-175	Total/NA
Nitrate Nitrite as N	2.8		0.050	0.020	mg/L	1		353.2	Total/NA
Nitrite as N	0.030	J B	0.050	0.020	mg/L	1		353.2	Total/NA
Chloride	305		2.5	1.4	mg/L	5		9056A	Total/NA
Sulfate	16.9		10.0	1.7	mg/L	5		9056A	Total/NA
Nitrate as N	2.8		0.050	0.020	mg/L	1		Nitrate by calc	Total/NA
Dissolved Organic Carbon	0.73	J	1.0	0.43	mg/L	1		9060A	Dissolved

Client Sample ID: URS-8S

Lab Sample ID: 480-188784-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	3.7		1.0	0.81	ug/L	1		8260C	Total/NA
Trichloroethene	2.0		1.0	0.46	ug/L	1		8260C	Total/NA
Carbon dioxide	27000		5000	3800	ug/L	1		RSK-175	Total/NA
Methane	100		1.0	0.17	ug/L	1		RSK-175	Total/NA
Nitrate Nitrite as N	4.7	F1	0.10	0.040	mg/L	2		353.2	Total/NA
Chloride	540		5.0	2.8	mg/L	10		9056A	Total/NA
Sulfate	22.0		20.0	3.5	mg/L	10		9056A	Total/NA
Nitrate as N	4.7		0.050	0.020	mg/L	1		Nitrate by calc	Total/NA
Dissolved Organic Carbon	2.8		1.0	0.43	mg/L	1		9060A	Dissolved

Client Sample ID: URS-9S

Lab Sample ID: 480-188784-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloroform	0.69	J	1.0	0.34	ug/L	1		8260C	Total/NA
Trichloroethene	2.4		1.0	0.46	ug/L	1		8260C	Total/NA
Carbon dioxide	22000		5000	3800	ug/L	1		RSK-175	Total/NA
Nitrate Nitrite as N	25.1		0.50	0.20	mg/L	10		353.2	Total/NA
Nitrite as N	0.042	J B	0.050	0.020	mg/L	1		353.2	Total/NA
Chloride	335		2.5	1.4	mg/L	5		9056A	Total/NA
Sulfate	28.9		10.0	1.7	mg/L	5		9056A	Total/NA
Nitrate as N	25.1		0.050	0.020	mg/L	1		Nitrate by calc	Total/NA
Dissolved Organic Carbon	2.0		1.0	0.43	mg/L	1		9060A	Dissolved

Client Sample ID: DUP-02

Lab Sample ID: 480-188784-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	4.0		1.0	0.81	ug/L	1		8260C	Total/NA
Trichloroethene	2.3		1.0	0.46	ug/L	1		8260C	Total/NA
Carbon dioxide	28000		5000	3800	ug/L	1		RSK-175	Total/NA
Methane	100		1.0	0.17	ug/L	1		RSK-175	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins TestAmerica, Buffalo

Detection Summary

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

Job ID: 480-188784-1

Client Sample ID: DUP-02 (Continued)

Lab Sample ID: 480-188784-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Nitrate Nitrite as N	4.8		0.10	0.040	mg/L	2		353.2	Total/NA
Nitrite as N	0.032	J B	0.050	0.020	mg/L	1		353.2	Total/NA
Chloride	506		5.0	2.8	mg/L	10		9056A	Total/NA
Sulfate	21.8		20.0	3.5	mg/L	10		9056A	Total/NA
Nitrate as N	4.8		0.050	0.020	mg/L	1		Nitrate by calc	Total/NA
Dissolved Organic Carbon	2.9		1.0	0.43	mg/L	1		9060A	Dissolved

Client Sample ID: EB-02

Lab Sample ID: 480-188784-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
2-Butanone (MEK)	8.7	J	10	1.3	ug/L	1		8260C	Total/NA
Acetone	18		10	3.0	ug/L	1		8260C	Total/NA
Ethylbenzene	0.76	J	1.0	0.74	ug/L	1		8260C	Total/NA
Toluene	26		1.0	0.51	ug/L	1		8260C	Total/NA
Xylenes, Total	4.6		2.0	0.66	ug/L	1		8260C	Total/NA

Client Sample ID: LAOW11_1

Lab Sample ID: 480-188784-10

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	4.8		2.0	1.6	ug/L	2		8260C	Total/NA
Trichloroethene	1.4	J	2.0	0.92	ug/L	2		8260C	Total/NA

Client Sample ID: LAOW11_6

Lab Sample ID: 480-188784-11

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Trichloroethene	3.7		1.0	0.46	ug/L	1		8260C	Total/NA

Client Sample ID: LAOW11_9

Lab Sample ID: 480-188784-12

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1,1-Trichloroethane	3.6		1.0	0.82	ug/L	1		8260C	Total/NA
Trichloroethene	14		1.0	0.46	ug/L	1		8260C	Total/NA

Client Sample ID: MW-12

Lab Sample ID: 480-188784-13

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	1.5		1.0	0.81	ug/L	1		8260C	Total/NA
Trichloroethene	34		1.0	0.46	ug/L	1		8260C	Total/NA

Client Sample ID: MW-14

Lab Sample ID: 480-188784-14

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

Client Sample ID: MW-15

Lab Sample ID: 480-188784-15

No Detections.

Client Sample ID: MW-19

Lab Sample ID: 480-188784-16

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloroform	0.40	J	1.0	0.34	ug/L	1		8260C	Total/NA
Trichloroethene	1.0		1.0	0.46	ug/L	1		8260C	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins TestAmerica, Buffalo

Detection Summary

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

Job ID: 480-188784-1

Client Sample ID: MW-20

Lab Sample ID: 480-188784-17

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Trichloroethene	1.1	F1	1.0	0.46	ug/L	1		8260C	Total/NA

Client Sample ID: URS-2S

Lab Sample ID: 480-188784-18

No Detections.

Client Sample ID: URS-12

Lab Sample ID: 480-188784-19

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Trichloroethene	10		1.0	0.46	ug/L	1		8260C	Total/NA

Client Sample ID: URS-13

Lab Sample ID: 480-188784-20

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Trichloroethene	1.1		1.0	0.46	ug/L	1		8260C	Total/NA

Client Sample ID: URS-14

Lab Sample ID: 480-188784-21

No Detections.

Client Sample ID: DUP-01

Lab Sample ID: 480-188784-22

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Trichloroethene	1.1		1.0	0.46	ug/L	1		8260C	Total/NA

Client Sample ID: EB-01

Lab Sample ID: 480-188784-23

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
2-Butanone (MEK)	8.8	J	10	1.3	ug/L	1		8260C	Total/NA
Acetone	19		10	3.0	ug/L	1		8260C	Total/NA
Ethylbenzene	0.77	J	1.0	0.74	ug/L	1		8260C	Total/NA
Toluene	25		1.0	0.51	ug/L	1		8260C	Total/NA
Xylenes, Total	4.5		2.0	0.66	ug/L	1		8260C	Total/NA

Client Sample ID: TB-01

Lab Sample ID: 480-188784-24

No Detections.

Client Sample ID: TB-02

Lab Sample ID: 480-188784-25

No Detections.

This Detection Summary does not include radiochemical test results.

Eurofins TestAmerica, Buffalo

Client Sample Results

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

Job ID: 480-188784-1

Client Sample ID: MW-11R

Lab Sample ID: 480-188784-1

Date Collected: 08/25/21 10:18

Matrix: Water

Date Received: 08/26/21 10:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	60		40	33	ug/L			09/01/21 13:34	40
1,1,2,2-Tetrachloroethane	40	U	40	8.4	ug/L			09/01/21 13:34	40
1,1,2-Trichloroethane	40	U	40	9.2	ug/L			09/01/21 13:34	40
1,1,2-Trichloro-1,2,2-trifluoroethane	40	U	40	12	ug/L			09/01/21 13:34	40
1,1-Dichloroethane	1200		40	15	ug/L			09/01/21 13:34	40
1,1-Dichloroethene	35	J	40	12	ug/L			09/01/21 13:34	40
1,2,4-Trichlorobenzene	40	U	40	16	ug/L			09/01/21 13:34	40
1,2-Dibromo-3-Chloropropane	40	U	40	16	ug/L			09/01/21 13:34	40
1,2-Dichlorobenzene	40	U	40	32	ug/L			09/01/21 13:34	40
1,2-Dichloroethane	40	U	40	8.4	ug/L			09/01/21 13:34	40
1,2-Dichloropropane	40	U	40	29	ug/L			09/01/21 13:34	40
1,3-Dichlorobenzene	40	U	40	31	ug/L			09/01/21 13:34	40
1,4-Dichlorobenzene	40	U	40	34	ug/L			09/01/21 13:34	40
2-Butanone (MEK)	400	U	400	53	ug/L			09/01/21 13:34	40
2-Hexanone	200	U	200	50	ug/L			09/01/21 13:34	40
4-Methyl-2-pentanone (MIBK)	200	U	200	84	ug/L			09/01/21 13:34	40
Acetone	400	U	400	120	ug/L			09/01/21 13:34	40
Benzene	40	U	40	16	ug/L			09/01/21 13:34	40
Bromodichloromethane	40	U	40	16	ug/L			09/01/21 13:34	40
Bromoform	40	U	40	10	ug/L			09/01/21 13:34	40
Bromomethane	40	U	40	28	ug/L			09/01/21 13:34	40
Carbon disulfide	40	U	40	7.6	ug/L			09/01/21 13:34	40
Carbon tetrachloride	40	U	40	11	ug/L			09/01/21 13:34	40
Chlorobenzene	40	U	40	30	ug/L			09/01/21 13:34	40
Dibromochloromethane	40	U	40	13	ug/L			09/01/21 13:34	40
Chloroethane	40	U	40	13	ug/L			09/01/21 13:34	40
Chloroform	40	U	40	14	ug/L			09/01/21 13:34	40
Chloromethane	40	U	40	14	ug/L			09/01/21 13:34	40
cis-1,2-Dichloroethene	1000		40	32	ug/L			09/01/21 13:34	40
cis-1,3-Dichloropropene	40	U	40	14	ug/L			09/01/21 13:34	40
Cyclohexane	40	U	40	7.2	ug/L			09/01/21 13:34	40
Dichlorodifluoromethane	40	U	40	27	ug/L			09/01/21 13:34	40
Ethylbenzene	40	U	40	30	ug/L			09/01/21 13:34	40
1,2-Dibromoethane	40	U	40	29	ug/L			09/01/21 13:34	40
Isopropylbenzene	40	U	40	32	ug/L			09/01/21 13:34	40
Methyl acetate	100	U	100	52	ug/L			09/01/21 13:34	40
Methyl tert-butyl ether	40	U	40	6.4	ug/L			09/01/21 13:34	40
Methylcyclohexane	40	U	40	6.4	ug/L			09/01/21 13:34	40
Methylene Chloride	40	U	40	18	ug/L			09/01/21 13:34	40
Styrene	40	U	40	29	ug/L			09/01/21 13:34	40
Tetrachloroethene	40	U	40	14	ug/L			09/01/21 13:34	40
Toluene	40	U	40	20	ug/L			09/01/21 13:34	40
trans-1,2-Dichloroethene	40	U	40	36	ug/L			09/01/21 13:34	40
trans-1,3-Dichloropropene	40	U	40	15	ug/L			09/01/21 13:34	40
Trichloroethene	130		40	18	ug/L			09/01/21 13:34	40
Trichlorofluoromethane	40	U	40	35	ug/L			09/01/21 13:34	40
Vinyl chloride	2300		40	36	ug/L			09/01/21 13:34	40
Xylenes, Total	80	U	80	26	ug/L			09/01/21 13:34	40

Eurofins TestAmerica, Buffalo

Client Sample Results

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

Job ID: 480-188784-1

Client Sample ID: MW-11R

Lab Sample ID: 480-188784-1

Date Collected: 08/25/21 10:18

Matrix: Water

Date Received: 08/26/21 10:30

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Tentatively Identified Compound	None		ug/L					09/01/21 13:34	40
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	96		80 - 120					09/01/21 13:34	40
1,2-Dichloroethane-d4 (Surr)	109		77 - 120					09/01/21 13:34	40
4-Bromofluorobenzene (Surr)	97		73 - 120					09/01/21 13:34	40
Dibromofluoromethane (Surr)	107		75 - 123					09/01/21 13:34	40

Method: RSK-175 - Dissolved Gases (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon dioxide	50000		5000	3800	ug/L			08/31/21 18:41	1
Ethene	1900		1.0	0.27	ug/L			08/30/21 18:28	1
Acetylene	5.0	U	5.0	0.15	ug/L			08/30/21 18:28	1
Ethane	3.0		1.0	0.29	ug/L			08/30/21 18:28	1
Methane	13000		10	1.7	ug/L			08/31/21 15:22	10
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,1,1-Trifluoroethane	108		60 - 140					08/30/21 18:28	1
1,1,1-Trifluoroethane	109		60 - 140					08/31/21 15:22	10

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetic acid	143		20.0	5.8	mg/L			08/31/21 00:58	20
Formic-acid	20.0	U	20.0	5.2	mg/L			08/31/21 00:58	20
Lactic acid	20.0	U	20.0	6.2	mg/L			08/31/21 00:58	20
n-Butyric Acid	20.0	U	20.0	5.2	mg/L			08/31/21 00:58	20
Propionic acid	20.0	U	20.0	7.0	mg/L			08/31/21 00:58	20
Pyruvic Acid	30.0	U	30.0	7.4	mg/L			08/31/21 00:58	20

Client Sample ID: LARW11_2

Lab Sample ID: 480-188784-2

Date Collected: 08/25/21 08:41

Matrix: Water

Date Received: 08/26/21 10:30

Method: 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			08/31/21 14:03	20
1,1,2,2-Tetrachloroethane	20	U	20	4.2	ug/L			08/31/21 14:03	20
1,1,2-Trichloroethane	20	U	20	4.6	ug/L			08/31/21 14:03	20
1,1,2-Trichloro-1,2,2-trifluoroethane	20	U	20	6.2	ug/L			08/31/21 14:03	20
1,1-Dichloroethane	17	J	20	7.6	ug/L			08/31/21 14:03	20
1,1-Dichloroethene	20	U	20	5.8	ug/L			08/31/21 14:03	20
1,2,4-Trichlorobenzene	20	U	20	8.2	ug/L			08/31/21 14:03	20
1,2-Dibromo-3-Chloropropane	20	U	20	7.8	ug/L			08/31/21 14:03	20
1,2-Dichlorobenzene	20	U	20	16	ug/L			08/31/21 14:03	20
1,2-Dichloroethane	20	U	20	4.2	ug/L			08/31/21 14:03	20
1,2-Dichloropropane	20	U	20	14	ug/L			08/31/21 14:03	20
1,3-Dichlorobenzene	20	U	20	16	ug/L			08/31/21 14:03	20
1,4-Dichlorobenzene	20	U	20	17	ug/L			08/31/21 14:03	20
2-Butanone (MEK)	200	U	200	26	ug/L			08/31/21 14:03	20
2-Hexanone	100	U	100	25	ug/L			08/31/21 14:03	20
4-Methyl-2-pentanone (MIBK)	100	U	100	42	ug/L			08/31/21 14:03	20

Eurofins TestAmerica, Buffalo

Client Sample Results

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

Job ID: 480-188784-1

Client Sample ID: LARW11_2

Lab Sample ID: 480-188784-2

Date Collected: 08/25/21 08:41

Matrix: Water

Date Received: 08/26/21 10:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	200	U	200	60	ug/L			08/31/21 14:03	20
Benzene	20	U	20	8.2	ug/L			08/31/21 14:03	20
Bromodichloromethane	20	U	20	7.8	ug/L			08/31/21 14:03	20
Bromoform	20	U	20	5.2	ug/L			08/31/21 14:03	20
Bromomethane	20	U	20	14	ug/L			08/31/21 14:03	20
Carbon disulfide	20	U	20	3.8	ug/L			08/31/21 14:03	20
Carbon tetrachloride	20	U	20	5.4	ug/L			08/31/21 14:03	20
Chlorobenzene	20	U	20	15	ug/L			08/31/21 14:03	20
Dibromochloromethane	20	U	20	6.4	ug/L			08/31/21 14:03	20
Chloroethane	20	U	20	6.4	ug/L			08/31/21 14:03	20
Chloroform	20	U	20	6.8	ug/L			08/31/21 14:03	20
Chloromethane	20	U	20	7.0	ug/L			08/31/21 14:03	20
cis-1,2-Dichloroethene	1700		20	16	ug/L			08/31/21 14:03	20
cis-1,3-Dichloropropene	20	U	20	7.2	ug/L			08/31/21 14:03	20
Cyclohexane	20	U	20	3.6	ug/L			08/31/21 14:03	20
Dichlorodifluoromethane	20	U	20	14	ug/L			08/31/21 14:03	20
Ethylbenzene	20	U	20	15	ug/L			08/31/21 14:03	20
1,2-Dibromoethane	20	U	20	15	ug/L			08/31/21 14:03	20
Isopropylbenzene	20	U	20	16	ug/L			08/31/21 14:03	20
Methyl acetate	50	U	50	26	ug/L			08/31/21 14:03	20
Methyl tert-butyl ether	20	U	20	3.2	ug/L			08/31/21 14:03	20
Methylcyclohexane	20	U	20	3.2	ug/L			08/31/21 14:03	20
Methylene Chloride	20	U	20	8.8	ug/L			08/31/21 14:03	20
Styrene	20	U	20	15	ug/L			08/31/21 14:03	20
Tetrachloroethene	140		20	7.2	ug/L			08/31/21 14:03	20
Toluene	20	U	20	10	ug/L			08/31/21 14:03	20
trans-1,2-Dichloroethene	41		20	18	ug/L			08/31/21 14:03	20
trans-1,3-Dichloropropene	20	U	20	7.4	ug/L			08/31/21 14:03	20
Trichloroethene	620		20	9.2	ug/L			08/31/21 14:03	20
Trichlorofluoromethane	20	U	20	18	ug/L			08/31/21 14:03	20
Vinyl chloride	110		20	18	ug/L			08/31/21 14:03	20
Xylenes, Total	40	U	40	13	ug/L			08/31/21 14:03	20

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Tentatively Identified Compound	None		ug/L					08/31/21 14:03	20

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	99		80 - 120		08/31/21 14:03	20
1,2-Dichloroethane-d4 (Surr)	107		77 - 120		08/31/21 14:03	20
4-Bromofluorobenzene (Surr)	100		73 - 120		08/31/21 14:03	20
Dibromofluoromethane (Surr)	111		75 - 123		08/31/21 14:03	20

Method: RSK-175 - Dissolved Gases (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon dioxide	18000		5000	3800	ug/L			08/31/21 18:50	1
Ethene	9.1		1.0	0.27	ug/L			08/30/21 18:46	1
Acetylene	5.0	U	5.0	0.15	ug/L			08/30/21 18:46	1
Ethane	0.55	J	1.0	0.29	ug/L			08/30/21 18:46	1
Methane	320		1.0	0.17	ug/L			08/30/21 18:46	1

Eurofins TestAmerica, Buffalo

Client Sample Results

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

Job ID: 480-188784-1

Client Sample ID: LARW11_2

Lab Sample ID: 480-188784-2

Date Collected: 08/25/21 08:41

Matrix: Water

Date Received: 08/26/21 10:30

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,1,1-Trifluoroethane	108		60 - 140		08/30/21 18:46	1

Method: 6010C - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Iron, Dissolved	0.12		0.050	0.019	mg/L		09/01/21 09:30	09/01/21 15:28	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrate Nitrite as N	0.031	J	0.050	0.020	mg/L			08/26/21 22:24	1
Nitrite as N	0.050	U	0.050	0.020	mg/L			08/26/21 22:24	1
Chloride	39.6		1.0	0.56	mg/L			09/02/21 10:53	2
Sulfate	13.9		4.0	0.70	mg/L			09/02/21 10:53	2
Nitrate as N	0.031	J	0.050	0.020	mg/L			08/26/21 22:24	1
Sulfide	1.0	U	1.0	0.67	mg/L			08/31/21 12:49	1
Acetic acid	2.0	U	2.0	0.58	mg/L			08/31/21 01:27	2
Formic-acid	2.0	U	2.0	0.52	mg/L			08/31/21 01:27	2
Lactic acid	2.0	U	2.0	0.62	mg/L			08/31/21 01:27	2
n-Butyric Acid	2.0	U	2.0	0.52	mg/L			08/31/21 01:27	2
Propionic acid	2.0	U	2.0	0.70	mg/L			08/31/21 01:27	2
Pyruvic Acid	3.0	U	3.0	0.74	mg/L			08/31/21 01:27	2

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dissolved Organic Carbon	1.9		1.0	0.43	mg/L			09/01/21 12:50	1
Ferric Iron	0.12		0.10	0.075	mg/L			09/03/21 15:50	1
Ferrous Iron	0.10	U HF	0.10	0.075	mg/L			08/28/21 18:45	1

Client Sample ID: LARW11_3

Lab Sample ID: 480-188784-3

Date Collected: 08/25/21 11:37

Matrix: Water

Date Received: 08/26/21 10:30

Method: 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			08/31/21 14:26	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.21	ug/L			08/31/21 14:26	1
1,1,2-Trichloroethane	1.0	U	1.0	0.23	ug/L			08/31/21 14:26	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.31	ug/L			08/31/21 14:26	1
1,1-Dichloroethane	7.2		1.0	0.38	ug/L			08/31/21 14:26	1
1,1-Dichloroethene	1.0	U	1.0	0.29	ug/L			08/31/21 14:26	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.41	ug/L			08/31/21 14:26	1
1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.39	ug/L			08/31/21 14:26	1
1,2-Dichlorobenzene	1.0	U	1.0	0.79	ug/L			08/31/21 14:26	1
1,2-Dichloroethane	1.0	U	1.0	0.21	ug/L			08/31/21 14:26	1
1,2-Dichloropropane	1.0	U	1.0	0.72	ug/L			08/31/21 14:26	1
1,3-Dichlorobenzene	1.0	U	1.0	0.78	ug/L			08/31/21 14:26	1
1,4-Dichlorobenzene	1.0	U	1.0	0.84	ug/L			08/31/21 14:26	1
2-Butanone (MEK)	10	U	10	1.3	ug/L			08/31/21 14:26	1
2-Hexanone	5.0	U	5.0	1.2	ug/L			08/31/21 14:26	1
4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	2.1	ug/L			08/31/21 14:26	1
Acetone	10	U	10	3.0	ug/L			08/31/21 14:26	1
Benzene	1.0	U	1.0	0.41	ug/L			08/31/21 14:26	1

Eurofins TestAmerica, Buffalo

Client Sample Results

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

Job ID: 480-188784-1

Client Sample ID: LARW11_3

Lab Sample ID: 480-188784-3

Date Collected: 08/25/21 11:37

Matrix: Water

Date Received: 08/26/21 10:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bromodichloromethane	1.0	U	1.0	0.39	ug/L			08/31/21 14:26	1
Bromoform	1.0	U	1.0	0.26	ug/L			08/31/21 14:26	1
Bromomethane	1.0	U	1.0	0.69	ug/L			08/31/21 14:26	1
Carbon disulfide	1.0	U	1.0	0.19	ug/L			08/31/21 14:26	1
Carbon tetrachloride	1.0	U	1.0	0.27	ug/L			08/31/21 14:26	1
Chlorobenzene	1.0	U	1.0	0.75	ug/L			08/31/21 14:26	1
Dibromochloromethane	1.0	U	1.0	0.32	ug/L			08/31/21 14:26	1
Chloroethane	0.38	J	1.0	0.32	ug/L			08/31/21 14:26	1
Chloroform	1.0	U	1.0	0.34	ug/L			08/31/21 14:26	1
Chloromethane	1.0	U	1.0	0.35	ug/L			08/31/21 14:26	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.81	ug/L			08/31/21 14:26	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.36	ug/L			08/31/21 14:26	1
Cyclohexane	1.0	U	1.0	0.18	ug/L			08/31/21 14:26	1
Dichlorodifluoromethane	1.0	U	1.0	0.68	ug/L			08/31/21 14:26	1
Ethylbenzene	1.0	U	1.0	0.74	ug/L			08/31/21 14:26	1
1,2-Dibromoethane	1.0	U	1.0	0.73	ug/L			08/31/21 14:26	1
Isopropylbenzene	1.0	U	1.0	0.79	ug/L			08/31/21 14:26	1
Methyl acetate	2.5	U	2.5	1.3	ug/L			08/31/21 14:26	1
Methyl tert-butyl ether	1.0	U	1.0	0.16	ug/L			08/31/21 14:26	1
Methylcyclohexane	1.0	U	1.0	0.16	ug/L			08/31/21 14:26	1
Methylene Chloride	1.0	U	1.0	0.44	ug/L			08/31/21 14:26	1
Styrene	1.0	U	1.0	0.73	ug/L			08/31/21 14:26	1
Tetrachloroethene	1.0	U	1.0	0.36	ug/L			08/31/21 14:26	1
Toluene	1.0	U	1.0	0.51	ug/L			08/31/21 14:26	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.90	ug/L			08/31/21 14:26	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.37	ug/L			08/31/21 14:26	1
Trichloroethene	1.0	U	1.0	0.46	ug/L			08/31/21 14:26	1
Trichlorofluoromethane	1.0	U	1.0	0.88	ug/L			08/31/21 14:26	1
Vinyl chloride	1.0	U	1.0	0.90	ug/L			08/31/21 14:26	1
Xylenes, Total	2.0	U	2.0	0.66	ug/L			08/31/21 14:26	1

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Tentatively Identified Compound	None		ug/L					08/31/21 14:26	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	99		80 - 120		08/31/21 14:26	1
1,2-Dichloroethane-d4 (Surr)	104		77 - 120		08/31/21 14:26	1
4-Bromofluorobenzene (Surr)	100		73 - 120		08/31/21 14:26	1
Dibromofluoromethane (Surr)	107		75 - 123		08/31/21 14:26	1

Method: RSK-175 - Dissolved Gases (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon dioxide	13000		5000	3800	ug/L			08/31/21 18:59	1
Ethene	3.2		1.0	0.27	ug/L			08/30/21 19:04	1
Acetylene	5.0	U	5.0	0.15	ug/L			08/30/21 19:04	1
Ethane	3.8		1.0	0.29	ug/L			08/30/21 19:04	1
Methane	1700		1.0	0.17	ug/L			08/30/21 19:04	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,1,1-Trifluoroethane	108		60 - 140		08/30/21 19:04	1

Eurofins TestAmerica, Buffalo

Client Sample Results

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

Job ID: 480-188784-1

Client Sample ID: LARW11_3

Lab Sample ID: 480-188784-3

Date Collected: 08/25/21 11:37

Matrix: Water

Date Received: 08/26/21 10:30

Method: 6010C - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Iron, Dissolved	0.45		0.050	0.019	mg/L		09/01/21 09:30	09/01/21 15:32	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrate Nitrite as N	0.032	J	0.050	0.020	mg/L			08/26/21 22:25	1
Nitrite as N	0.050	U	0.050	0.020	mg/L			08/26/21 22:25	1
Chloride	136		1.0	0.56	mg/L			09/02/21 11:12	2
Sulfate	8.2		4.0	0.70	mg/L			09/02/21 11:12	2
Nitrate as N	0.032	J	0.050	0.020	mg/L			08/26/21 22:25	1
Sulfide	1.0	U	1.0	0.67	mg/L			08/31/21 12:49	1
Acetic acid	2.0	U	2.0	0.58	mg/L			08/31/21 01:56	2
Formic acid	2.0	U	2.0	0.52	mg/L			08/31/21 01:56	2
Lactic acid	2.0	U	2.0	0.62	mg/L			08/31/21 01:56	2
n-Butyric Acid	2.0	U	2.0	0.52	mg/L			08/31/21 01:56	2
Propionic acid	2.0	U	2.0	0.70	mg/L			08/31/21 01:56	2
Pyruvic Acid	3.0	U	3.0	0.74	mg/L			08/31/21 01:56	2

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dissolved Organic Carbon	1.6		1.0	0.43	mg/L			09/01/21 15:53	1
Ferric Iron	0.45		0.10	0.075	mg/L			09/03/21 15:50	1
Ferrous Iron	0.10	U HF	0.10	0.075	mg/L			08/28/21 18:45	1

Client Sample ID: URS-1R

Lab Sample ID: 480-188784-4

Date Collected: 08/25/21 09:30

Matrix: Water

Date Received: 08/26/21 10:30

Method: 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			08/31/21 14:49	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.21	ug/L			08/31/21 14:49	1
1,1,2-Trichloroethane	1.0	U	1.0	0.23	ug/L			08/31/21 14:49	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.31	ug/L			08/31/21 14:49	1
1,1-Dichloroethane	1.0	U	1.0	0.38	ug/L			08/31/21 14:49	1
1,1-Dichloroethene	1.0	U	1.0	0.29	ug/L			08/31/21 14:49	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.41	ug/L			08/31/21 14:49	1
1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.39	ug/L			08/31/21 14:49	1
1,2-Dichlorobenzene	1.0	U	1.0	0.79	ug/L			08/31/21 14:49	1
1,2-Dichloroethane	1.0	U	1.0	0.21	ug/L			08/31/21 14:49	1
1,2-Dichloropropane	1.0	U	1.0	0.72	ug/L			08/31/21 14:49	1
1,3-Dichlorobenzene	1.0	U	1.0	0.78	ug/L			08/31/21 14:49	1
1,4-Dichlorobenzene	1.0	U	1.0	0.84	ug/L			08/31/21 14:49	1
2-Butanone (MEK)	10	U	10	1.3	ug/L			08/31/21 14:49	1
2-Hexanone	5.0	U	5.0	1.2	ug/L			08/31/21 14:49	1
4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	2.1	ug/L			08/31/21 14:49	1
Acetone	10	U	10	3.0	ug/L			08/31/21 14:49	1
Benzene	1.0	U	1.0	0.41	ug/L			08/31/21 14:49	1
Bromodichloromethane	1.0	U	1.0	0.39	ug/L			08/31/21 14:49	1
Bromoform	1.0	U	1.0	0.26	ug/L			08/31/21 14:49	1
Bromomethane	1.0	U	1.0	0.69	ug/L			08/31/21 14:49	1

Eurofins TestAmerica, Buffalo

Client Sample Results

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

Job ID: 480-188784-1

Client Sample ID: URS-1R

Lab Sample ID: 480-188784-4

Date Collected: 08/25/21 09:30

Matrix: Water

Date Received: 08/26/21 10:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon disulfide	1.0	U	1.0	0.19	ug/L			08/31/21 14:49	1
Carbon tetrachloride	1.0	U	1.0	0.27	ug/L			08/31/21 14:49	1
Chlorobenzene	1.0	U	1.0	0.75	ug/L			08/31/21 14:49	1
Dibromochloromethane	1.0	U	1.0	0.32	ug/L			08/31/21 14:49	1
Chloroethane	1.0	U	1.0	0.32	ug/L			08/31/21 14:49	1
Chloroform	1.0	U	1.0	0.34	ug/L			08/31/21 14:49	1
Chloromethane	1.0	U	1.0	0.35	ug/L			08/31/21 14:49	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.81	ug/L			08/31/21 14:49	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.36	ug/L			08/31/21 14:49	1
Cyclohexane	1.0	U	1.0	0.18	ug/L			08/31/21 14:49	1
Dichlorodifluoromethane	1.0	U	1.0	0.68	ug/L			08/31/21 14:49	1
Ethylbenzene	1.0	U	1.0	0.74	ug/L			08/31/21 14:49	1
1,2-Dibromoethane	1.0	U	1.0	0.73	ug/L			08/31/21 14:49	1
Isopropylbenzene	1.0	U	1.0	0.79	ug/L			08/31/21 14:49	1
Methyl acetate	2.5	U	2.5	1.3	ug/L			08/31/21 14:49	1
Methyl tert-butyl ether	1.0	U	1.0	0.16	ug/L			08/31/21 14:49	1
Methylcyclohexane	1.0	U	1.0	0.16	ug/L			08/31/21 14:49	1
Methylene Chloride	1.0	U	1.0	0.44	ug/L			08/31/21 14:49	1
Styrene	1.0	U	1.0	0.73	ug/L			08/31/21 14:49	1
Tetrachloroethene	1.0	U	1.0	0.36	ug/L			08/31/21 14:49	1
Toluene	1.0	U	1.0	0.51	ug/L			08/31/21 14:49	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.90	ug/L			08/31/21 14:49	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.37	ug/L			08/31/21 14:49	1
Trichloroethene	1.0	U	1.0	0.46	ug/L			08/31/21 14:49	1
Trichlorofluoromethane	1.0	U	1.0	0.88	ug/L			08/31/21 14:49	1
Vinyl chloride	1.0	U	1.0	0.90	ug/L			08/31/21 14:49	1
Xylenes, Total	2.0	U	2.0	0.66	ug/L			08/31/21 14:49	1

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Tentatively Identified Compound	None		ug/L					08/31/21 14:49	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	98		80 - 120		08/31/21 14:49	1
1,2-Dichloroethane-d4 (Surr)	104		77 - 120		08/31/21 14:49	1
4-Bromofluorobenzene (Surr)	96		73 - 120		08/31/21 14:49	1
Dibromofluoromethane (Surr)	103		75 - 123		08/31/21 14:49	1

Method: RSK-175 - Dissolved Gases (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon dioxide	32000		5000	3800	ug/L			08/31/21 19:08	1
Ethene	1.0	U	1.0	0.27	ug/L			08/30/21 19:22	1
Acetylene	5.0	U	5.0	0.15	ug/L			08/30/21 19:22	1
Ethane	1.0	U	1.0	0.29	ug/L			08/30/21 19:22	1
Methane	1.0	U	1.0	0.17	ug/L			08/30/21 19:22	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,1,1-Trifluoroethane	108		60 - 140					08/30/21 19:22	1

Method: 6010C - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Iron, Dissolved	0.050	U	0.050	0.019	mg/L		09/01/21 09:30	09/01/21 15:36	1

Eurofins TestAmerica, Buffalo

Client Sample Results

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

Job ID: 480-188784-1

Client Sample ID: URS-1R

Lab Sample ID: 480-188784-4

Date Collected: 08/25/21 09:30

Matrix: Water

Date Received: 08/26/21 10:30

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrate Nitrite as N	12.6		0.25	0.10	mg/L			08/26/21 23:30	5
Nitrite as N	0.050	U	0.050	0.020	mg/L			08/26/21 23:51	1
Chloride	53.5		1.0	0.56	mg/L			09/02/21 11:30	2
Sulfate	12.8		4.0	0.70	mg/L			09/02/21 11:30	2
Nitrate as N	12.6		0.050	0.020	mg/L			08/26/21 23:51	1
Sulfide	1.0	U	1.0	0.67	mg/L			08/31/21 12:49	1
Acetic acid	5.0	U	5.0	1.5	mg/L			08/31/21 02:25	5
Formic-acid	5.0	U	5.0	1.3	mg/L			08/31/21 02:25	5
Lactic acid	5.0	U	5.0	1.6	mg/L			08/31/21 02:25	5
n-Butyric Acid	5.0	U	5.0	1.3	mg/L			08/31/21 02:25	5
Propionic acid	5.0	U	5.0	1.8	mg/L			08/31/21 02:25	5
Pyruvic Acid	7.5	U	7.5	1.9	mg/L			08/31/21 02:25	5

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dissolved Organic Carbon	2.6		1.0	0.43	mg/L			09/01/21 16:24	1
Ferric Iron	0.10	U	0.10	0.075	mg/L			09/03/21 15:50	1
Ferrous Iron	0.10	U HF	0.10	0.075	mg/L			08/28/21 18:45	1

Client Sample ID: URS-7S

Lab Sample ID: 480-188784-5

Date Collected: 08/25/21 15:40

Matrix: Water

Date Received: 08/26/21 10:30

Method: 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			08/31/21 15:12	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.21	ug/L			08/31/21 15:12	1
1,1,2-Trichloroethane	1.0	U	1.0	0.23	ug/L			08/31/21 15:12	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.31	ug/L			08/31/21 15:12	1
1,1-Dichloroethane	1.0	U	1.0	0.38	ug/L			08/31/21 15:12	1
1,1-Dichloroethene	1.0	U	1.0	0.29	ug/L			08/31/21 15:12	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.41	ug/L			08/31/21 15:12	1
1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.39	ug/L			08/31/21 15:12	1
1,2-Dichlorobenzene	1.0	U	1.0	0.79	ug/L			08/31/21 15:12	1
1,2-Dichloroethane	1.0	U	1.0	0.21	ug/L			08/31/21 15:12	1
1,2-Dichloropropane	1.0	U	1.0	0.72	ug/L			08/31/21 15:12	1
1,3-Dichlorobenzene	1.0	U	1.0	0.78	ug/L			08/31/21 15:12	1
1,4-Dichlorobenzene	1.0	U	1.0	0.84	ug/L			08/31/21 15:12	1
2-Butanone (MEK)	10	U	10	1.3	ug/L			08/31/21 15:12	1
2-Hexanone	5.0	U	5.0	1.2	ug/L			08/31/21 15:12	1
4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	2.1	ug/L			08/31/21 15:12	1
Acetone	10	U	10	3.0	ug/L			08/31/21 15:12	1
Benzene	1.0	U	1.0	0.41	ug/L			08/31/21 15:12	1
Bromodichloromethane	1.0	U	1.0	0.39	ug/L			08/31/21 15:12	1
Bromoform	1.0	U	1.0	0.26	ug/L			08/31/21 15:12	1
Bromomethane	1.0	U	1.0	0.69	ug/L			08/31/21 15:12	1
Carbon disulfide	1.0	U	1.0	0.19	ug/L			08/31/21 15:12	1
Carbon tetrachloride	1.0	U	1.0	0.27	ug/L			08/31/21 15:12	1
Chlorobenzene	1.0	U	1.0	0.75	ug/L			08/31/21 15:12	1
Dibromochloromethane	1.0	U	1.0	0.32	ug/L			08/31/21 15:12	1

Eurofins TestAmerica, Buffalo

Client Sample Results

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

Job ID: 480-188784-1

Client Sample ID: URS-7S

Lab Sample ID: 480-188784-5

Date Collected: 08/25/21 15:40

Matrix: Water

Date Received: 08/26/21 10:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloroethane	1.0	U	1.0	0.32	ug/L			08/31/21 15:12	1
Chloroform	1.0	U	1.0	0.34	ug/L			08/31/21 15:12	1
Chloromethane	1.0	U	1.0	0.35	ug/L			08/31/21 15:12	1
cis-1,2-Dichloroethene	1.9		1.0	0.81	ug/L			08/31/21 15:12	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.36	ug/L			08/31/21 15:12	1
Cyclohexane	1.0	U	1.0	0.18	ug/L			08/31/21 15:12	1
Dichlorodifluoromethane	1.0	U	1.0	0.68	ug/L			08/31/21 15:12	1
Ethylbenzene	1.0	U	1.0	0.74	ug/L			08/31/21 15:12	1
1,2-Dibromoethane	1.0	U	1.0	0.73	ug/L			08/31/21 15:12	1
Isopropylbenzene	1.0	U	1.0	0.79	ug/L			08/31/21 15:12	1
Methyl acetate	2.5	U	2.5	1.3	ug/L			08/31/21 15:12	1
Methyl tert-butyl ether	1.0	U	1.0	0.16	ug/L			08/31/21 15:12	1
Methylcyclohexane	1.0	U	1.0	0.16	ug/L			08/31/21 15:12	1
Methylene Chloride	1.0	U	1.0	0.44	ug/L			08/31/21 15:12	1
Styrene	1.0	U	1.0	0.73	ug/L			08/31/21 15:12	1
Tetrachloroethene	1.0	U	1.0	0.36	ug/L			08/31/21 15:12	1
Toluene	1.0	U	1.0	0.51	ug/L			08/31/21 15:12	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.90	ug/L			08/31/21 15:12	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.37	ug/L			08/31/21 15:12	1
Trichloroethene	1.6		1.0	0.46	ug/L			08/31/21 15:12	1
Trichlorofluoromethane	1.0	U	1.0	0.88	ug/L			08/31/21 15:12	1
Vinyl chloride	1.0	U	1.0	0.90	ug/L			08/31/21 15:12	1
Xylenes, Total	2.0	U	2.0	0.66	ug/L			08/31/21 15:12	1

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Tentatively Identified Compound	None		ug/L					08/31/21 15:12	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	98		80 - 120		08/31/21 15:12	1
1,2-Dichloroethane-d4 (Surr)	106		77 - 120		08/31/21 15:12	1
4-Bromofluorobenzene (Surr)	97		73 - 120		08/31/21 15:12	1
Dibromofluoromethane (Surr)	104		75 - 123		08/31/21 15:12	1

Method: RSK-175 - Dissolved Gases (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon dioxide	6900		5000	3800	ug/L			08/31/21 19:17	1
Ethene	1.0	U	1.0	0.27	ug/L			08/30/21 19:40	1
Acetylene	5.0	U	5.0	0.15	ug/L			08/30/21 19:40	1
Ethane	1.0	U	1.0	0.29	ug/L			08/30/21 19:40	1
Methane	1.0	U	1.0	0.17	ug/L			08/30/21 19:40	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,1,1-Trifluoroethane	107		60 - 140		08/30/21 19:40	1

Method: 6010C - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Iron, Dissolved	0.050	U	0.050	0.019	mg/L		09/01/21 09:30	09/01/21 15:52	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrate Nitrite as N	2.8		0.050	0.020	mg/L			08/26/21 22:33	1

Eurofins TestAmerica, Buffalo

Client Sample Results

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

Job ID: 480-188784-1

Client Sample ID: URS-7S

Lab Sample ID: 480-188784-5

Date Collected: 08/25/21 15:40

Matrix: Water

Date Received: 08/26/21 10:30

General Chemistry (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrite as N	0.030	J B	0.050	0.020	mg/L			08/26/21 23:52	1
Chloride	305		2.5	1.4	mg/L			09/02/21 11:49	5
Sulfate	16.9		10.0	1.7	mg/L			09/02/21 11:49	5
Nitrate as N	2.8		0.050	0.020	mg/L			08/26/21 23:52	1
Sulfide	1.0	U	1.0	0.67	mg/L			08/31/21 12:49	1
Acetic acid	5.0	U	5.0	1.5	mg/L			08/31/21 02:54	5
Formic-acid	5.0	U	5.0	1.3	mg/L			08/31/21 02:54	5
Lactic acid	5.0	U	5.0	1.6	mg/L			08/31/21 02:54	5
n-Butyric Acid	5.0	U	5.0	1.3	mg/L			08/31/21 02:54	5
Propionic acid	5.0	U	5.0	1.8	mg/L			08/31/21 02:54	5
Pyruvic Acid	7.5	U F1	7.5	1.9	mg/L			08/31/21 02:54	5

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dissolved Organic Carbon	0.73	J	1.0	0.43	mg/L			09/01/21 16:54	1
Ferric Iron	0.10	U	0.10	0.075	mg/L			09/03/21 15:50	1
Ferrous Iron	0.10	U HF	0.10	0.075	mg/L			08/28/21 18:45	1

Client Sample ID: URS-8S

Lab Sample ID: 480-188784-6

Date Collected: 08/25/21 13:44

Matrix: Water

Date Received: 08/26/21 10:30

Method: 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 F2	1.0	0.82	ug/L			08/31/21 15:36	1
1,1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.21	ug/L			08/31/21 15:36	1
1,1,2-Trichloroethane	1.0	U	1.0	0.23	ug/L			08/31/21 15:36	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.31	ug/L			08/31/21 15:36	1
1,1-Dichloroethane	1.0	U	1.0	0.38	ug/L			08/31/21 15:36	1
1,1-Dichloroethene	1.0	U F2	1.0	0.29	ug/L			08/31/21 15:36	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.41	ug/L			08/31/21 15:36	1
1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.39	ug/L			08/31/21 15:36	1
1,2-Dichlorobenzene	1.0	U	1.0	0.79	ug/L			08/31/21 15:36	1
1,2-Dichloroethane	1.0	U	1.0	0.21	ug/L			08/31/21 15:36	1
1,2-Dichloropropane	1.0	U	1.0	0.72	ug/L			08/31/21 15:36	1
1,3-Dichlorobenzene	1.0	U	1.0	0.78	ug/L			08/31/21 15:36	1
1,4-Dichlorobenzene	1.0	U	1.0	0.84	ug/L			08/31/21 15:36	1
2-Butanone (MEK)	10	U	10	1.3	ug/L			08/31/21 15:36	1
2-Hexanone	5.0	U	5.0	1.2	ug/L			08/31/21 15:36	1
4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	2.1	ug/L			08/31/21 15:36	1
Acetone	10	U	10	3.0	ug/L			08/31/21 15:36	1
Benzene	1.0	U	1.0	0.41	ug/L			08/31/21 15:36	1
Bromodichloromethane	1.0	U	1.0	0.39	ug/L			08/31/21 15:36	1
Bromoform	1.0	U	1.0	0.26	ug/L			08/31/21 15:36	1
Bromomethane	1.0	U F2	1.0	0.69	ug/L			08/31/21 15:36	1
Carbon disulfide	1.0	U F2	1.0	0.19	ug/L			08/31/21 15:36	1
Carbon tetrachloride	1.0	U F2	1.0	0.27	ug/L			08/31/21 15:36	1
Chlorobenzene	1.0	U	1.0	0.75	ug/L			08/31/21 15:36	1
Dibromochloromethane	1.0	U	1.0	0.32	ug/L			08/31/21 15:36	1
Chloroethane	1.0	U F2	1.0	0.32	ug/L			08/31/21 15:36	1

Eurofins TestAmerica, Buffalo

Client Sample Results

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

Job ID: 480-188784-1

Client Sample ID: URS-8S

Lab Sample ID: 480-188784-6

Date Collected: 08/25/21 13:44

Matrix: Water

Date Received: 08/26/21 10:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloroform	1.0	U	1.0	0.34	ug/L			08/31/21 15:36	1
Chloromethane	1.0	U F2	1.0	0.35	ug/L			08/31/21 15:36	1
cis-1,2-Dichloroethene	3.7		1.0	0.81	ug/L			08/31/21 15:36	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.36	ug/L			08/31/21 15:36	1
Cyclohexane	1.0	U	1.0	0.18	ug/L			08/31/21 15:36	1
Dichlorodifluoromethane	1.0	U F2	1.0	0.68	ug/L			08/31/21 15:36	1
Ethylbenzene	1.0	U	1.0	0.74	ug/L			08/31/21 15:36	1
1,2-Dibromoethane	1.0	U	1.0	0.73	ug/L			08/31/21 15:36	1
Isopropylbenzene	1.0	U	1.0	0.79	ug/L			08/31/21 15:36	1
Methyl acetate	2.5	U	2.5	1.3	ug/L			08/31/21 15:36	1
Methyl tert-butyl ether	1.0	U	1.0	0.16	ug/L			08/31/21 15:36	1
Methylcyclohexane	1.0	U	1.0	0.16	ug/L			08/31/21 15:36	1
Methylene Chloride	1.0	U	1.0	0.44	ug/L			08/31/21 15:36	1
Styrene	1.0	U	1.0	0.73	ug/L			08/31/21 15:36	1
Tetrachloroethene	1.0	U	1.0	0.36	ug/L			08/31/21 15:36	1
Toluene	1.0	U	1.0	0.51	ug/L			08/31/21 15:36	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.90	ug/L			08/31/21 15:36	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.37	ug/L			08/31/21 15:36	1
Trichloroethene	2.0		1.0	0.46	ug/L			08/31/21 15:36	1
Trichlorofluoromethane	1.0	U F2	1.0	0.88	ug/L			08/31/21 15:36	1
Vinyl chloride	1.0	U F2	1.0	0.90	ug/L			08/31/21 15:36	1
Xylenes, Total	2.0	U	2.0	0.66	ug/L			08/31/21 15:36	1

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Tentatively Identified Compound	None		ug/L					08/31/21 15:36	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	96		80 - 120		08/31/21 15:36	1
1,2-Dichloroethane-d4 (Surr)	105		77 - 120		08/31/21 15:36	1
4-Bromofluorobenzene (Surr)	96		73 - 120		08/31/21 15:36	1
Dibromofluoromethane (Surr)	102		75 - 123		08/31/21 15:36	1

Method: RSK-175 - Dissolved Gases (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon dioxide	27000		5000	3800	ug/L			08/31/21 19:25	1
Ethene	1.0	U	1.0	0.27	ug/L			08/31/21 15:39	1
Acetylene	5.0	U	5.0	0.15	ug/L			08/31/21 15:39	1
Ethane	1.0	U	1.0	0.29	ug/L			08/31/21 15:39	1
Methane	100		1.0	0.17	ug/L			08/31/21 15:39	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,1,1-Trifluoroethane	107		60 - 140		08/31/21 15:39	1

Method: 6010C - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Iron, Dissolved	0.050	U	0.050	0.019	mg/L		09/01/21 09:30	09/01/21 15:55	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrate Nitrite as N	4.7	F1	0.10	0.040	mg/L			08/26/21 22:30	2
Nitrite as N	0.050	U F1	0.050	0.020	mg/L			08/26/21 23:58	1

Eurofins TestAmerica, Buffalo

Client Sample Results

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

Job ID: 480-188784-1

Client Sample ID: URS-8S

Date Collected: 08/25/21 13:44

Date Received: 08/26/21 10:30

Lab Sample ID: 480-188784-6

Matrix: Water

General Chemistry (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	540		5.0	2.8	mg/L			09/02/21 12:26	10
Sulfate	22.0		20.0	3.5	mg/L			09/02/21 12:26	10
Nitrate as N	4.7		0.050	0.020	mg/L			08/26/21 23:58	1
Sulfide	1.0	U	1.0	0.67	mg/L			08/31/21 12:49	1
Acetic acid	5.0	U	5.0	1.5	mg/L			08/31/21 08:15	5
Formic-acid	5.0	U	5.0	1.3	mg/L			08/31/21 08:15	5
Lactic acid	5.0	U	5.0	1.6	mg/L			08/31/21 08:15	5
n-Butyric Acid	5.0	U	5.0	1.3	mg/L			08/31/21 08:15	5
Propionic acid	5.0	U	5.0	1.8	mg/L			08/31/21 08:15	5
Pyruvic Acid	7.5	U F1	7.5	1.9	mg/L			08/31/21 08:15	5

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dissolved Organic Carbon	2.8		1.0	0.43	mg/L			09/01/21 14:22	1
Ferric Iron	0.10	U	0.10	0.075	mg/L			09/03/21 15:50	1
Ferrous Iron	0.10	U HF	0.10	0.075	mg/L			08/28/21 18:45	1

Client Sample ID: URS-9S

Date Collected: 08/25/21 14:05

Date Received: 08/26/21 10:30

Lab Sample ID: 480-188784-7

Matrix: Water

Method: 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			08/31/21 16:01	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.21	ug/L			08/31/21 16:01	1
1,1,2-Trichloroethane	1.0	U	1.0	0.23	ug/L			08/31/21 16:01	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.31	ug/L			08/31/21 16:01	1
1,1-Dichloroethane	1.0	U	1.0	0.38	ug/L			08/31/21 16:01	1
1,1-Dichloroethene	1.0	U	1.0	0.29	ug/L			08/31/21 16:01	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.41	ug/L			08/31/21 16:01	1
1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.39	ug/L			08/31/21 16:01	1
1,2-Dichlorobenzene	1.0	U	1.0	0.79	ug/L			08/31/21 16:01	1
1,2-Dichloroethane	1.0	U	1.0	0.21	ug/L			08/31/21 16:01	1
1,2-Dichloropropane	1.0	U	1.0	0.72	ug/L			08/31/21 16:01	1
1,3-Dichlorobenzene	1.0	U	1.0	0.78	ug/L			08/31/21 16:01	1
1,4-Dichlorobenzene	1.0	U	1.0	0.84	ug/L			08/31/21 16:01	1
2-Butanone (MEK)	10	U	10	1.3	ug/L			08/31/21 16:01	1
2-Hexanone	5.0	U	5.0	1.2	ug/L			08/31/21 16:01	1
4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	2.1	ug/L			08/31/21 16:01	1
Acetone	10	U	10	3.0	ug/L			08/31/21 16:01	1
Benzene	1.0	U	1.0	0.41	ug/L			08/31/21 16:01	1
Bromodichloromethane	1.0	U	1.0	0.39	ug/L			08/31/21 16:01	1
Bromoform	1.0	U	1.0	0.26	ug/L			08/31/21 16:01	1
Bromomethane	1.0	U	1.0	0.69	ug/L			08/31/21 16:01	1
Carbon disulfide	1.0	U	1.0	0.19	ug/L			08/31/21 16:01	1
Carbon tetrachloride	1.0	U	1.0	0.27	ug/L			08/31/21 16:01	1
Chlorobenzene	1.0	U	1.0	0.75	ug/L			08/31/21 16:01	1
Dibromochloromethane	1.0	U	1.0	0.32	ug/L			08/31/21 16:01	1
Chloroethane	1.0	U	1.0	0.32	ug/L			08/31/21 16:01	1
Chloroform	0.69	J	1.0	0.34	ug/L			08/31/21 16:01	1

Eurofins TestAmerica, Buffalo

Client Sample Results

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

Job ID: 480-188784-1

Client Sample ID: URS-9S

Lab Sample ID: 480-188784-7

Date Collected: 08/25/21 14:05

Matrix: Water

Date Received: 08/26/21 10:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloromethane	1.0	U	1.0	0.35	ug/L			08/31/21 16:01	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.81	ug/L			08/31/21 16:01	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.36	ug/L			08/31/21 16:01	1
Cyclohexane	1.0	U	1.0	0.18	ug/L			08/31/21 16:01	1
Dichlorodifluoromethane	1.0	U	1.0	0.68	ug/L			08/31/21 16:01	1
Ethylbenzene	1.0	U	1.0	0.74	ug/L			08/31/21 16:01	1
1,2-Dibromoethane	1.0	U	1.0	0.73	ug/L			08/31/21 16:01	1
Isopropylbenzene	1.0	U	1.0	0.79	ug/L			08/31/21 16:01	1
Methyl acetate	2.5	U	2.5	1.3	ug/L			08/31/21 16:01	1
Methyl tert-butyl ether	1.0	U	1.0	0.16	ug/L			08/31/21 16:01	1
Methylcyclohexane	1.0	U	1.0	0.16	ug/L			08/31/21 16:01	1
Methylene Chloride	1.0	U	1.0	0.44	ug/L			08/31/21 16:01	1
Styrene	1.0	U	1.0	0.73	ug/L			08/31/21 16:01	1
Tetrachloroethene	1.0	U	1.0	0.36	ug/L			08/31/21 16:01	1
Toluene	1.0	U	1.0	0.51	ug/L			08/31/21 16:01	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.90	ug/L			08/31/21 16:01	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.37	ug/L			08/31/21 16:01	1
Trichloroethene	2.4		1.0	0.46	ug/L			08/31/21 16:01	1
Trichlorofluoromethane	1.0	U	1.0	0.88	ug/L			08/31/21 16:01	1
Vinyl chloride	1.0	U	1.0	0.90	ug/L			08/31/21 16:01	1
Xylenes, Total	2.0	U	2.0	0.66	ug/L			08/31/21 16:01	1

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Tentatively Identified Compound	None		ug/L					08/31/21 16:01	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	98		80 - 120		08/31/21 16:01	1
1,2-Dichloroethane-d4 (Surr)	109		77 - 120		08/31/21 16:01	1
4-Bromofluorobenzene (Surr)	94		73 - 120		08/31/21 16:01	1
Dibromofluoromethane (Surr)	111		75 - 123		08/31/21 16:01	1

Method: RSK-175 - Dissolved Gases (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon dioxide	22000		5000	3800	ug/L			08/31/21 19:52	1
Ethene	1.0	U	1.0	0.27	ug/L			08/31/21 16:51	1
Acetylene	5.0	U	5.0	0.15	ug/L			08/31/21 16:51	1
Ethane	1.0	U	1.0	0.29	ug/L			08/31/21 16:51	1
Methane	1.0	U	1.0	0.17	ug/L			08/31/21 16:51	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,1,1-Trifluoroethane	110		60 - 140		08/31/21 16:51	1

Method: 6010C - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Iron, Dissolved	0.050	U	0.050	0.019	mg/L		09/01/21 09:30	09/01/21 16:15	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrate Nitrite as N	25.1		0.50	0.20	mg/L			08/26/21 22:34	10
Nitrite as N	0.042	J B	0.050	0.020	mg/L			08/27/21 00:12	1
Chloride	335		2.5	1.4	mg/L			09/02/21 12:07	5

Eurofins TestAmerica, Buffalo

Client Sample Results

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

Job ID: 480-188784-1

Client Sample ID: URS-9S

Lab Sample ID: 480-188784-7

Date Collected: 08/25/21 14:05

Matrix: Water

Date Received: 08/26/21 10:30

General Chemistry (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	28.9		10.0	1.7	mg/L			09/02/21 12:07	5
Nitrate as N	25.1		0.050	0.020	mg/L			08/26/21 23:53	1
Sulfide	1.0	U	1.0	0.67	mg/L			08/31/21 12:49	1
Acetic acid	5.0	U	5.0	1.5	mg/L			08/31/21 05:49	5
Formic-acid	5.0	U	5.0	1.3	mg/L			08/31/21 05:49	5
Lactic acid	5.0	U	5.0	1.6	mg/L			08/31/21 05:49	5
n-Butyric Acid	5.0	U	5.0	1.3	mg/L			08/31/21 05:49	5
Propionic acid	5.0	U	5.0	1.8	mg/L			08/31/21 05:49	5
Pyruvic Acid	7.5	U	7.5	1.9	mg/L			08/31/21 05:49	5

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dissolved Organic Carbon	2.0		1.0	0.43	mg/L			09/01/21 17:25	1
Ferric Iron	0.10	U	0.10	0.075	mg/L			09/03/21 15:50	1
Ferrous Iron	0.10	U HF	0.10	0.075	mg/L			08/28/21 18:45	1

Client Sample ID: DUP-02

Lab Sample ID: 480-188784-8

Date Collected: 08/25/21 00:00

Matrix: Water

Date Received: 08/26/21 10:30

Method: 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			08/31/21 16:24	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.21	ug/L			08/31/21 16:24	1
1,1,2-Trichloroethane	1.0	U	1.0	0.23	ug/L			08/31/21 16:24	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.31	ug/L			08/31/21 16:24	1
1,1-Dichloroethane	1.0	U	1.0	0.38	ug/L			08/31/21 16:24	1
1,1-Dichloroethene	1.0	U	1.0	0.29	ug/L			08/31/21 16:24	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.41	ug/L			08/31/21 16:24	1
1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.39	ug/L			08/31/21 16:24	1
1,2-Dichlorobenzene	1.0	U	1.0	0.79	ug/L			08/31/21 16:24	1
1,2-Dichloroethane	1.0	U	1.0	0.21	ug/L			08/31/21 16:24	1
1,2-Dichloropropane	1.0	U	1.0	0.72	ug/L			08/31/21 16:24	1
1,3-Dichlorobenzene	1.0	U	1.0	0.78	ug/L			08/31/21 16:24	1
1,4-Dichlorobenzene	1.0	U	1.0	0.84	ug/L			08/31/21 16:24	1
2-Butanone (MEK)	10	U	10	1.3	ug/L			08/31/21 16:24	1
2-Hexanone	5.0	U	5.0	1.2	ug/L			08/31/21 16:24	1
4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	2.1	ug/L			08/31/21 16:24	1
Acetone	10	U	10	3.0	ug/L			08/31/21 16:24	1
Benzene	1.0	U	1.0	0.41	ug/L			08/31/21 16:24	1
Bromodichloromethane	1.0	U	1.0	0.39	ug/L			08/31/21 16:24	1
Bromoform	1.0	U	1.0	0.26	ug/L			08/31/21 16:24	1
Bromomethane	1.0	U	1.0	0.69	ug/L			08/31/21 16:24	1
Carbon disulfide	1.0	U	1.0	0.19	ug/L			08/31/21 16:24	1
Carbon tetrachloride	1.0	U	1.0	0.27	ug/L			08/31/21 16:24	1
Chlorobenzene	1.0	U	1.0	0.75	ug/L			08/31/21 16:24	1
Dibromochloromethane	1.0	U	1.0	0.32	ug/L			08/31/21 16:24	1
Chloroethane	1.0	U	1.0	0.32	ug/L			08/31/21 16:24	1
Chloroform	1.0	U	1.0	0.34	ug/L			08/31/21 16:24	1
Chloromethane	1.0	U	1.0	0.35	ug/L			08/31/21 16:24	1

Eurofins TestAmerica, Buffalo

Client Sample Results

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

Job ID: 480-188784-1

Client Sample ID: DUP-02

Lab Sample ID: 480-188784-8

Date Collected: 08/25/21 00:00

Matrix: Water

Date Received: 08/26/21 10:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,2-Dichloroethene	4.0		1.0	0.81	ug/L			08/31/21 16:24	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.36	ug/L			08/31/21 16:24	1
Cyclohexane	1.0	U	1.0	0.18	ug/L			08/31/21 16:24	1
Dichlorodifluoromethane	1.0	U	1.0	0.68	ug/L			08/31/21 16:24	1
Ethylbenzene	1.0	U	1.0	0.74	ug/L			08/31/21 16:24	1
1,2-Dibromoethane	1.0	U	1.0	0.73	ug/L			08/31/21 16:24	1
Isopropylbenzene	1.0	U	1.0	0.79	ug/L			08/31/21 16:24	1
Methyl acetate	2.5	U	2.5	1.3	ug/L			08/31/21 16:24	1
Methyl tert-butyl ether	1.0	U	1.0	0.16	ug/L			08/31/21 16:24	1
Methylcyclohexane	1.0	U	1.0	0.16	ug/L			08/31/21 16:24	1
Methylene Chloride	1.0	U	1.0	0.44	ug/L			08/31/21 16:24	1
Styrene	1.0	U	1.0	0.73	ug/L			08/31/21 16:24	1
Tetrachloroethene	1.0	U	1.0	0.36	ug/L			08/31/21 16:24	1
Toluene	1.0	U	1.0	0.51	ug/L			08/31/21 16:24	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.90	ug/L			08/31/21 16:24	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.37	ug/L			08/31/21 16:24	1
Trichloroethene	2.3		1.0	0.46	ug/L			08/31/21 16:24	1
Trichlorofluoromethane	1.0	U	1.0	0.88	ug/L			08/31/21 16:24	1
Vinyl chloride	1.0	U	1.0	0.90	ug/L			08/31/21 16:24	1
Xylenes, Total	2.0	U	2.0	0.66	ug/L			08/31/21 16:24	1

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Tentatively Identified Compound	None		ug/L					08/31/21 16:24	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	99		80 - 120		08/31/21 16:24	1
1,2-Dichloroethane-d4 (Surr)	103		77 - 120		08/31/21 16:24	1
4-Bromofluorobenzene (Surr)	100		73 - 120		08/31/21 16:24	1
Dibromofluoromethane (Surr)	101		75 - 123		08/31/21 16:24	1

Method: RSK-175 - Dissolved Gases (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon dioxide	28000		5000	3800	ug/L			08/31/21 20:01	1
Ethene	1.0	U	1.0	0.27	ug/L			08/31/21 17:09	1
Acetylene	5.0	U	5.0	0.15	ug/L			08/31/21 17:09	1
Ethane	1.0	U	1.0	0.29	ug/L			08/31/21 17:09	1
Methane	100		1.0	0.17	ug/L			08/31/21 17:09	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,1,1-Trifluoroethane	107		60 - 140		08/31/21 17:09	1

Method: 6010C - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Iron, Dissolved	0.050	U	0.050	0.019	mg/L		09/01/21 09:30	09/01/21 16:18	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrate Nitrite as N	4.8		0.10	0.040	mg/L			08/26/21 22:36	2
Nitrite as N	0.032	J B	0.050	0.020	mg/L			08/26/21 23:54	1
Chloride	506		5.0	2.8	mg/L			09/02/21 13:58	10
Sulfate	21.8		20.0	3.5	mg/L			09/02/21 13:58	10

Eurofins TestAmerica, Buffalo

Client Sample Results

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

Job ID: 480-188784-1

Client Sample ID: DUP-02

Lab Sample ID: 480-188784-8

Date Collected: 08/25/21 00:00

Matrix: Water

Date Received: 08/26/21 10:30

General Chemistry (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrate as N	4.8		0.050	0.020	mg/L			08/26/21 23:54	1
Sulfide	1.0	U	1.0	0.67	mg/L			08/31/21 12:49	1
Acetic acid	5.0	U	5.0	1.5	mg/L			08/31/21 06:18	5
Formic-acid	5.0	U	5.0	1.3	mg/L			08/31/21 06:18	5
Lactic acid	5.0	U	5.0	1.6	mg/L			08/31/21 06:18	5
n-Butyric Acid	5.0	U	5.0	1.3	mg/L			08/31/21 06:18	5
Propionic acid	5.0	U	5.0	1.8	mg/L			08/31/21 06:18	5
Pyruvic Acid	7.5	U	7.5	1.9	mg/L			08/31/21 06:18	5

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dissolved Organic Carbon	2.9		1.0	0.43	mg/L			09/01/21 17:56	1
Ferric Iron	0.10	U	0.10	0.075	mg/L			09/03/21 15:50	1
Ferrous Iron	0.10	U HF	0.10	0.075	mg/L			08/28/21 18:45	1

Client Sample ID: EB-02

Lab Sample ID: 480-188784-9

Date Collected: 08/25/21 07:00

Matrix: Water

Date Received: 08/26/21 10:30

Method: 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			08/31/21 16:48	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.21	ug/L			08/31/21 16:48	1
1,1,2-Trichloroethane	1.0	U	1.0	0.23	ug/L			08/31/21 16:48	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.31	ug/L			08/31/21 16:48	1
1,1-Dichloroethane	1.0	U	1.0	0.38	ug/L			08/31/21 16:48	1
1,1-Dichloroethene	1.0	U	1.0	0.29	ug/L			08/31/21 16:48	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.41	ug/L			08/31/21 16:48	1
1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.39	ug/L			08/31/21 16:48	1
1,2-Dichlorobenzene	1.0	U	1.0	0.79	ug/L			08/31/21 16:48	1
1,2-Dichloroethane	1.0	U	1.0	0.21	ug/L			08/31/21 16:48	1
1,2-Dichloropropane	1.0	U	1.0	0.72	ug/L			08/31/21 16:48	1
1,3-Dichlorobenzene	1.0	U	1.0	0.78	ug/L			08/31/21 16:48	1
1,4-Dichlorobenzene	1.0	U	1.0	0.84	ug/L			08/31/21 16:48	1
2-Butanone (MEK)	8.7	J	10	1.3	ug/L			08/31/21 16:48	1
2-Hexanone	5.0	U	5.0	1.2	ug/L			08/31/21 16:48	1
4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	2.1	ug/L			08/31/21 16:48	1
Acetone	18		10	3.0	ug/L			08/31/21 16:48	1
Benzene	1.0	U	1.0	0.41	ug/L			08/31/21 16:48	1
Bromodichloromethane	1.0	U	1.0	0.39	ug/L			08/31/21 16:48	1
Bromoform	1.0	U	1.0	0.26	ug/L			08/31/21 16:48	1
Bromomethane	1.0	U	1.0	0.69	ug/L			08/31/21 16:48	1
Carbon disulfide	1.0	U	1.0	0.19	ug/L			08/31/21 16:48	1
Carbon tetrachloride	1.0	U	1.0	0.27	ug/L			08/31/21 16:48	1
Chlorobenzene	1.0	U	1.0	0.75	ug/L			08/31/21 16:48	1
Dibromochloromethane	1.0	U	1.0	0.32	ug/L			08/31/21 16:48	1
Chloroethane	1.0	U	1.0	0.32	ug/L			08/31/21 16:48	1
Chloroform	1.0	U	1.0	0.34	ug/L			08/31/21 16:48	1
Chloromethane	1.0	U	1.0	0.35	ug/L			08/31/21 16:48	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.81	ug/L			08/31/21 16:48	1

Eurofins TestAmerica, Buffalo

Client Sample Results

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

Job ID: 480-188784-1

Client Sample ID: EB-02

Lab Sample ID: 480-188784-9

Date Collected: 08/25/21 07:00

Matrix: Water

Date Received: 08/26/21 10:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,3-Dichloropropene	1.0	U	1.0	0.36	ug/L			08/31/21 16:48	1
Cyclohexane	1.0	U	1.0	0.18	ug/L			08/31/21 16:48	1
Dichlorodifluoromethane	1.0	U	1.0	0.68	ug/L			08/31/21 16:48	1
Ethylbenzene	0.76	J	1.0	0.74	ug/L			08/31/21 16:48	1
1,2-Dibromoethane	1.0	U	1.0	0.73	ug/L			08/31/21 16:48	1
Isopropylbenzene	1.0	U	1.0	0.79	ug/L			08/31/21 16:48	1
Methyl acetate	2.5	U	2.5	1.3	ug/L			08/31/21 16:48	1
Methyl tert-butyl ether	1.0	U	1.0	0.16	ug/L			08/31/21 16:48	1
Methylcyclohexane	1.0	U	1.0	0.16	ug/L			08/31/21 16:48	1
Methylene Chloride	1.0	U	1.0	0.44	ug/L			08/31/21 16:48	1
Styrene	1.0	U	1.0	0.73	ug/L			08/31/21 16:48	1
Tetrachloroethene	1.0	U	1.0	0.36	ug/L			08/31/21 16:48	1
Toluene	26		1.0	0.51	ug/L			08/31/21 16:48	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.90	ug/L			08/31/21 16:48	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.37	ug/L			08/31/21 16:48	1
Trichloroethene	1.0	U	1.0	0.46	ug/L			08/31/21 16:48	1
Trichlorofluoromethane	1.0	U	1.0	0.88	ug/L			08/31/21 16:48	1
Vinyl chloride	1.0	U	1.0	0.90	ug/L			08/31/21 16:48	1
Xylenes, Total	4.6		2.0	0.66	ug/L			08/31/21 16:48	1

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
m-Xylene & p-Xylene	3.2		ug/L		8.65	179601-23-1		08/31/21 16:48	1
o-Xylene	1.4		ug/L		9.08	95-47-6		08/31/21 16:48	1
Tentatively Identified Compound	None		ug/L					08/31/21 16:48	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	98		80 - 120		08/31/21 16:48	1
1,2-Dichloroethane-d4 (Surr)	106		77 - 120		08/31/21 16:48	1
4-Bromofluorobenzene (Surr)	98		73 - 120		08/31/21 16:48	1
Dibromofluoromethane (Surr)	104		75 - 123		08/31/21 16:48	1

Method: RSK-175 - Dissolved Gases (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon dioxide	5000	U	5000	3800	ug/L			08/31/21 20:10	1
Ethene	1.0	U	1.0	0.27	ug/L			08/31/21 17:27	1
Acetylene	5.0	U	5.0	0.15	ug/L			08/31/21 17:27	1
Ethane	1.0	U	1.0	0.29	ug/L			08/31/21 17:27	1
Methane	1.0	U	1.0	0.17	ug/L			08/31/21 17:27	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,1,1-Trifluoroethane	109		60 - 140		08/31/21 17:27	1

Method: 6010C - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Iron, Dissolved	0.050	U	0.050	0.019	mg/L		09/01/21 09:30	09/01/21 16:22	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrate Nitrite as N	0.050	U	0.050	0.020	mg/L			08/26/21 22:37	1
Nitrite as N	0.050	U	0.050	0.020	mg/L			08/26/21 22:37	1
Chloride	0.50	U	0.50	0.28	mg/L			09/02/21 14:17	1

Eurofins TestAmerica, Buffalo

Client Sample Results

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

Job ID: 480-188784-1

Client Sample ID: EB-02

Lab Sample ID: 480-188784-9

Date Collected: 08/25/21 07:00

Matrix: Water

Date Received: 08/26/21 10:30

General Chemistry (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	2.0	U	2.0	0.35	mg/L			09/02/21 14:17	1
Nitrate as N	0.050	U	0.050	0.020	mg/L			08/26/21 22:37	1
Sulfide	1.0	U	1.0	0.67	mg/L			08/31/21 12:49	1
Acetic acid	1.0	U	1.0	0.29	mg/L			08/31/21 06:47	1
Formic-acid	1.0	U	1.0	0.26	mg/L			08/31/21 06:47	1
Lactic acid	1.0	U	1.0	0.31	mg/L			08/31/21 06:47	1
n-Butyric Acid	1.0	U	1.0	0.26	mg/L			08/31/21 06:47	1
Propionic acid	1.0	U	1.0	0.35	mg/L			08/31/21 06:47	1
Pyruvic Acid	1.5	U	1.5	0.37	mg/L			08/31/21 06:47	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dissolved Organic Carbon	1.0	U	1.0	0.43	mg/L			09/01/21 18:27	1
Ferric Iron	0.10	U	0.10	0.075	mg/L			09/03/21 15:50	1
Ferrous Iron	0.10	U HF	0.10	0.075	mg/L			08/28/21 18:45	1

Client Sample ID: LAOW11_1

Lab Sample ID: 480-188784-10

Date Collected: 08/24/21 16:27

Matrix: Water

Date Received: 08/26/21 10:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	2.0	U	2.0	1.6	ug/L			08/29/21 14:43	2
1,1,2,2-Tetrachloroethane	2.0	U	2.0	0.42	ug/L			08/29/21 14:43	2
1,1,2-Trichloro-1,2,2-trifluoroethane	2.0	U	2.0	0.62	ug/L			08/29/21 14:43	2
1,1,2-Trichloroethane	2.0	U	2.0	0.46	ug/L			08/29/21 14:43	2
1,1-Dichloroethane	2.0	U	2.0	0.76	ug/L			08/29/21 14:43	2
1,1-Dichloroethene	2.0	U	2.0	0.58	ug/L			08/29/21 14:43	2
1,2,4-Trichlorobenzene	2.0	U	2.0	0.82	ug/L			08/29/21 14:43	2
1,2-Dibromo-3-Chloropropane	2.0	U	2.0	0.78	ug/L			08/29/21 14:43	2
1,2-Dichlorobenzene	2.0	U	2.0	1.6	ug/L			08/29/21 14:43	2
1,2-Dichloroethane	2.0	U	2.0	0.42	ug/L			08/29/21 14:43	2
1,2-Dichloropropane	2.0	U	2.0	1.4	ug/L			08/29/21 14:43	2
1,3-Dichlorobenzene	2.0	U	2.0	1.6	ug/L			08/29/21 14:43	2
1,4-Dichlorobenzene	2.0	U	2.0	1.7	ug/L			08/29/21 14:43	2
2-Butanone (MEK)	20	U	20	2.6	ug/L			08/29/21 14:43	2
2-Hexanone	10	U	10	2.5	ug/L			08/29/21 14:43	2
4-Methyl-2-pentanone (MIBK)	10	U	10	4.2	ug/L			08/29/21 14:43	2
Acetone	20	U	20	6.0	ug/L			08/29/21 14:43	2
Benzene	2.0	U	2.0	0.82	ug/L			08/29/21 14:43	2
Bromoform	2.0	U	2.0	0.52	ug/L			08/29/21 14:43	2
Bromomethane	2.0	U	2.0	1.4	ug/L			08/29/21 14:43	2
Carbon disulfide	2.0	U	2.0	0.38	ug/L			08/29/21 14:43	2
Carbon tetrachloride	2.0	U	2.0	0.54	ug/L			08/29/21 14:43	2
Chlorobenzene	2.0	U	2.0	1.5	ug/L			08/29/21 14:43	2
Dibromochloromethane	2.0	U	2.0	0.64	ug/L			08/29/21 14:43	2
Chloroethane	2.0	U	2.0	0.64	ug/L			08/29/21 14:43	2
Chloroform	2.0	U	2.0	0.68	ug/L			08/29/21 14:43	2
Chloromethane	2.0	U	2.0	0.70	ug/L			08/29/21 14:43	2
cis-1,2-Dichloroethene	4.8		2.0	1.6	ug/L			08/29/21 14:43	2

Eurofins TestAmerica, Buffalo

Client Sample Results

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

Job ID: 480-188784-1

Client Sample ID: LAOW11_1

Lab Sample ID: 480-188784-10

Date Collected: 08/24/21 16:27

Matrix: Water

Date Received: 08/26/21 10:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyclohexane	2.0	U	2.0	0.36	ug/L			08/29/21 14:43	2
Bromodichloromethane	2.0	U	2.0	0.78	ug/L			08/29/21 14:43	2
Dichlorodifluoromethane	2.0	U	2.0	1.4	ug/L			08/29/21 14:43	2
Ethylbenzene	2.0	U	2.0	1.5	ug/L			08/29/21 14:43	2
1,2-Dibromoethane	2.0	U	2.0	1.5	ug/L			08/29/21 14:43	2
Isopropylbenzene	2.0	U	2.0	1.6	ug/L			08/29/21 14:43	2
Methyl acetate	5.0	U	5.0	2.6	ug/L			08/29/21 14:43	2
Methyl tert-butyl ether	2.0	U	2.0	0.32	ug/L			08/29/21 14:43	2
Methylcyclohexane	2.0	U	2.0	0.32	ug/L			08/29/21 14:43	2
Methylene Chloride	2.0	U	2.0	0.88	ug/L			08/29/21 14:43	2
Tetrachloroethene	2.0	U	2.0	0.72	ug/L			08/29/21 14:43	2
Toluene	2.0	U	2.0	1.0	ug/L			08/29/21 14:43	2
trans-1,2-Dichloroethene	2.0	U	2.0	1.8	ug/L			08/29/21 14:43	2
trans-1,3-Dichloropropene	2.0	U	2.0	0.74	ug/L			08/29/21 14:43	2
Trichloroethene	1.4	J	2.0	0.92	ug/L			08/29/21 14:43	2
Trichlorofluoromethane	2.0	U	2.0	1.8	ug/L			08/29/21 14:43	2
Vinyl chloride	2.0	U	2.0	1.8	ug/L			08/29/21 14:43	2
Xylenes, Total	4.0	U	4.0	1.3	ug/L			08/29/21 14:43	2
cis-1,3-Dichloropropene	2.0	U	2.0	0.72	ug/L			08/29/21 14:43	2
Styrene	2.0	U	2.0	1.5	ug/L			08/29/21 14:43	2

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	97		77 - 120		08/29/21 14:43	2
4-Bromofluorobenzene (Surr)	102		73 - 120		08/29/21 14:43	2
Toluene-d8 (Surr)	98		80 - 120		08/29/21 14:43	2
Dibromofluoromethane (Surr)	95		75 - 123		08/29/21 14:43	2

Client Sample ID: LAOW11_6

Lab Sample ID: 480-188784-11

Date Collected: 08/24/21 18:20

Matrix: Water

Date Received: 08/26/21 10:30

Method: 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			08/29/21 15:06	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.21	ug/L			08/29/21 15:06	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.31	ug/L			08/29/21 15:06	1
1,1,2-Trichloroethane	1.0	U	1.0	0.23	ug/L			08/29/21 15:06	1
1,1-Dichloroethane	1.0	U	1.0	0.38	ug/L			08/29/21 15:06	1
1,1-Dichloroethene	1.0	U	1.0	0.29	ug/L			08/29/21 15:06	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.41	ug/L			08/29/21 15:06	1
1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.39	ug/L			08/29/21 15:06	1
1,2-Dichlorobenzene	1.0	U	1.0	0.79	ug/L			08/29/21 15:06	1
1,2-Dichloroethane	1.0	U	1.0	0.21	ug/L			08/29/21 15:06	1
1,2-Dichloropropane	1.0	U	1.0	0.72	ug/L			08/29/21 15:06	1
1,3-Dichlorobenzene	1.0	U	1.0	0.78	ug/L			08/29/21 15:06	1
1,4-Dichlorobenzene	1.0	U	1.0	0.84	ug/L			08/29/21 15:06	1
2-Butanone (MEK)	10	U	10	1.3	ug/L			08/29/21 15:06	1
2-Hexanone	5.0	U	5.0	1.2	ug/L			08/29/21 15:06	1
4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	2.1	ug/L			08/29/21 15:06	1
Acetone	10	U	10	3.0	ug/L			08/29/21 15:06	1

Eurofins TestAmerica, Buffalo

Client Sample Results

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

Job ID: 480-188784-1

Client Sample ID: LAOW11_6

Lab Sample ID: 480-188784-11

Date Collected: 08/24/21 18:20

Matrix: Water

Date Received: 08/26/21 10:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	1.0	U	1.0	0.41	ug/L			08/29/21 15:06	1
Bromoform	1.0	U	1.0	0.26	ug/L			08/29/21 15:06	1
Bromomethane	1.0	U	1.0	0.69	ug/L			08/29/21 15:06	1
Carbon disulfide	1.0	U	1.0	0.19	ug/L			08/29/21 15:06	1
Carbon tetrachloride	1.0	U	1.0	0.27	ug/L			08/29/21 15:06	1
Chlorobenzene	1.0	U	1.0	0.75	ug/L			08/29/21 15:06	1
Dibromochloromethane	1.0	U	1.0	0.32	ug/L			08/29/21 15:06	1
Chloroethane	1.0	U	1.0	0.32	ug/L			08/29/21 15:06	1
Chloroform	1.0	U	1.0	0.34	ug/L			08/29/21 15:06	1
Chloromethane	1.0	U	1.0	0.35	ug/L			08/29/21 15:06	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.81	ug/L			08/29/21 15:06	1
Cyclohexane	1.0	U	1.0	0.18	ug/L			08/29/21 15:06	1
Bromodichloromethane	1.0	U	1.0	0.39	ug/L			08/29/21 15:06	1
Dichlorodifluoromethane	1.0	U	1.0	0.68	ug/L			08/29/21 15:06	1
Ethylbenzene	1.0	U	1.0	0.74	ug/L			08/29/21 15:06	1
1,2-Dibromoethane	1.0	U	1.0	0.73	ug/L			08/29/21 15:06	1
Isopropylbenzene	1.0	U	1.0	0.79	ug/L			08/29/21 15:06	1
Methyl acetate	2.5	U	2.5	1.3	ug/L			08/29/21 15:06	1
Methyl tert-butyl ether	1.0	U	1.0	0.16	ug/L			08/29/21 15:06	1
Methylcyclohexane	1.0	U	1.0	0.16	ug/L			08/29/21 15:06	1
Methylene Chloride	1.0	U	1.0	0.44	ug/L			08/29/21 15:06	1
Tetrachloroethene	1.0	U	1.0	0.36	ug/L			08/29/21 15:06	1
Toluene	1.0	U	1.0	0.51	ug/L			08/29/21 15:06	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.90	ug/L			08/29/21 15:06	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.37	ug/L			08/29/21 15:06	1
Trichloroethene	3.7		1.0	0.46	ug/L			08/29/21 15:06	1
Trichlorofluoromethane	1.0	U	1.0	0.88	ug/L			08/29/21 15:06	1
Vinyl chloride	1.0	U	1.0	0.90	ug/L			08/29/21 15:06	1
Xylenes, Total	2.0	U	2.0	0.66	ug/L			08/29/21 15:06	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.36	ug/L			08/29/21 15:06	1
Styrene	1.0	U	1.0	0.73	ug/L			08/29/21 15:06	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	101		77 - 120		08/29/21 15:06	1
4-Bromofluorobenzene (Surr)	100		73 - 120		08/29/21 15:06	1
Toluene-d8 (Surr)	100		80 - 120		08/29/21 15:06	1
Dibromofluoromethane (Surr)	99		75 - 123		08/29/21 15:06	1

Client Sample ID: LAOW11_9

Lab Sample ID: 480-188784-12

Date Collected: 08/24/21 15:20

Matrix: Water

Date Received: 08/26/21 10:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	3.6		1.0	0.82	ug/L			08/29/21 15:29	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.21	ug/L			08/29/21 15:29	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.31	ug/L			08/29/21 15:29	1
1,1,2-Trichloroethane	1.0	U	1.0	0.23	ug/L			08/29/21 15:29	1
1,1-Dichloroethane	1.0	U	1.0	0.38	ug/L			08/29/21 15:29	1
1,1-Dichloroethene	1.0	U	1.0	0.29	ug/L			08/29/21 15:29	1

Eurofins TestAmerica, Buffalo

Client Sample Results

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

Job ID: 480-188784-1

Client Sample ID: LAOW11_9

Lab Sample ID: 480-188784-12

Date Collected: 08/24/21 15:20

Matrix: Water

Date Received: 08/26/21 10:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	1.0	U	1.0	0.41	ug/L			08/29/21 15:29	1
1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.39	ug/L			08/29/21 15:29	1
1,2-Dichlorobenzene	1.0	U	1.0	0.79	ug/L			08/29/21 15:29	1
1,2-Dichloroethane	1.0	U	1.0	0.21	ug/L			08/29/21 15:29	1
1,2-Dichloropropane	1.0	U	1.0	0.72	ug/L			08/29/21 15:29	1
1,3-Dichlorobenzene	1.0	U	1.0	0.78	ug/L			08/29/21 15:29	1
1,4-Dichlorobenzene	1.0	U	1.0	0.84	ug/L			08/29/21 15:29	1
2-Butanone (MEK)	10	U	10	1.3	ug/L			08/29/21 15:29	1
2-Hexanone	5.0	U	5.0	1.2	ug/L			08/29/21 15:29	1
4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	2.1	ug/L			08/29/21 15:29	1
Acetone	10	U	10	3.0	ug/L			08/29/21 15:29	1
Benzene	1.0	U	1.0	0.41	ug/L			08/29/21 15:29	1
Bromoform	1.0	U	1.0	0.26	ug/L			08/29/21 15:29	1
Bromomethane	1.0	U	1.0	0.69	ug/L			08/29/21 15:29	1
Carbon disulfide	1.0	U	1.0	0.19	ug/L			08/29/21 15:29	1
Carbon tetrachloride	1.0	U	1.0	0.27	ug/L			08/29/21 15:29	1
Chlorobenzene	1.0	U	1.0	0.75	ug/L			08/29/21 15:29	1
Dibromochloromethane	1.0	U	1.0	0.32	ug/L			08/29/21 15:29	1
Chloroethane	1.0	U	1.0	0.32	ug/L			08/29/21 15:29	1
Chloroform	1.0	U	1.0	0.34	ug/L			08/29/21 15:29	1
Chloromethane	1.0	U	1.0	0.35	ug/L			08/29/21 15:29	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.81	ug/L			08/29/21 15:29	1
Cyclohexane	1.0	U	1.0	0.18	ug/L			08/29/21 15:29	1
Bromodichloromethane	1.0	U	1.0	0.39	ug/L			08/29/21 15:29	1
Dichlorodifluoromethane	1.0	U	1.0	0.68	ug/L			08/29/21 15:29	1
Ethylbenzene	1.0	U	1.0	0.74	ug/L			08/29/21 15:29	1
1,2-Dibromoethane	1.0	U	1.0	0.73	ug/L			08/29/21 15:29	1
Isopropylbenzene	1.0	U	1.0	0.79	ug/L			08/29/21 15:29	1
Methyl acetate	2.5	U	2.5	1.3	ug/L			08/29/21 15:29	1
Methyl tert-butyl ether	1.0	U	1.0	0.16	ug/L			08/29/21 15:29	1
Methylcyclohexane	1.0	U	1.0	0.16	ug/L			08/29/21 15:29	1
Methylene Chloride	1.0	U	1.0	0.44	ug/L			08/29/21 15:29	1
Tetrachloroethene	1.0	U	1.0	0.36	ug/L			08/29/21 15:29	1
Toluene	1.0	U	1.0	0.51	ug/L			08/29/21 15:29	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.90	ug/L			08/29/21 15:29	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.37	ug/L			08/29/21 15:29	1
Trichloroethene	14		1.0	0.46	ug/L			08/29/21 15:29	1
Trichlorofluoromethane	1.0	U	1.0	0.88	ug/L			08/29/21 15:29	1
Vinyl chloride	1.0	U	1.0	0.90	ug/L			08/29/21 15:29	1
Xylenes, Total	2.0	U	2.0	0.66	ug/L			08/29/21 15:29	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.36	ug/L			08/29/21 15:29	1
Styrene	1.0	U	1.0	0.73	ug/L			08/29/21 15:29	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	100		77 - 120		08/29/21 15:29	1
4-Bromofluorobenzene (Surr)	99		73 - 120		08/29/21 15:29	1
Toluene-d8 (Surr)	98		80 - 120		08/29/21 15:29	1
Dibromofluoromethane (Surr)	98		75 - 123		08/29/21 15:29	1

Eurofins TestAmerica, Buffalo

Client Sample Results

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

Job ID: 480-188784-1

Client Sample ID: MW-12

Lab Sample ID: 480-188784-13

Date Collected: 08/24/21 17:18

Matrix: Water

Date Received: 08/26/21 10:30

Method: 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			08/29/21 15:52	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.21	ug/L			08/29/21 15:52	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.31	ug/L			08/29/21 15:52	1
1,1,2-Trichloroethane	1.0	U	1.0	0.23	ug/L			08/29/21 15:52	1
1,1-Dichloroethane	1.0	U	1.0	0.38	ug/L			08/29/21 15:52	1
1,1-Dichloroethene	1.0	U	1.0	0.29	ug/L			08/29/21 15:52	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.41	ug/L			08/29/21 15:52	1
1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.39	ug/L			08/29/21 15:52	1
1,2-Dichlorobenzene	1.0	U	1.0	0.79	ug/L			08/29/21 15:52	1
1,2-Dichloroethane	1.0	U	1.0	0.21	ug/L			08/29/21 15:52	1
1,2-Dichloropropane	1.0	U	1.0	0.72	ug/L			08/29/21 15:52	1
1,3-Dichlorobenzene	1.0	U	1.0	0.78	ug/L			08/29/21 15:52	1
1,4-Dichlorobenzene	1.0	U	1.0	0.84	ug/L			08/29/21 15:52	1
2-Butanone (MEK)	10	U	10	1.3	ug/L			08/29/21 15:52	1
2-Hexanone	5.0	U	5.0	1.2	ug/L			08/29/21 15:52	1
4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	2.1	ug/L			08/29/21 15:52	1
Acetone	10	U	10	3.0	ug/L			08/29/21 15:52	1
Benzene	1.0	U	1.0	0.41	ug/L			08/29/21 15:52	1
Bromoform	1.0	U	1.0	0.26	ug/L			08/29/21 15:52	1
Bromomethane	1.0	U	1.0	0.69	ug/L			08/29/21 15:52	1
Carbon disulfide	1.0	U	1.0	0.19	ug/L			08/29/21 15:52	1
Carbon tetrachloride	1.0	U	1.0	0.27	ug/L			08/29/21 15:52	1
Chlorobenzene	1.0	U	1.0	0.75	ug/L			08/29/21 15:52	1
Dibromochloromethane	1.0	U	1.0	0.32	ug/L			08/29/21 15:52	1
Chloroethane	1.0	U	1.0	0.32	ug/L			08/29/21 15:52	1
Chloroform	1.0	U	1.0	0.34	ug/L			08/29/21 15:52	1
Chloromethane	1.0	U	1.0	0.35	ug/L			08/29/21 15:52	1
cis-1,2-Dichloroethene	1.5		1.0	0.81	ug/L			08/29/21 15:52	1
Cyclohexane	1.0	U	1.0	0.18	ug/L			08/29/21 15:52	1
Bromodichloromethane	1.0	U	1.0	0.39	ug/L			08/29/21 15:52	1
Dichlorodifluoromethane	1.0	U	1.0	0.68	ug/L			08/29/21 15:52	1
Ethylbenzene	1.0	U	1.0	0.74	ug/L			08/29/21 15:52	1
1,2-Dibromoethane	1.0	U	1.0	0.73	ug/L			08/29/21 15:52	1
Isopropylbenzene	1.0	U	1.0	0.79	ug/L			08/29/21 15:52	1
Methyl acetate	2.5	U	2.5	1.3	ug/L			08/29/21 15:52	1
Methyl tert-butyl ether	1.0	U	1.0	0.16	ug/L			08/29/21 15:52	1
Methylcyclohexane	1.0	U	1.0	0.16	ug/L			08/29/21 15:52	1
Methylene Chloride	1.0	U	1.0	0.44	ug/L			08/29/21 15:52	1
Tetrachloroethene	1.0	U	1.0	0.36	ug/L			08/29/21 15:52	1
Toluene	1.0	U	1.0	0.51	ug/L			08/29/21 15:52	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.90	ug/L			08/29/21 15:52	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.37	ug/L			08/29/21 15:52	1
Trichloroethene	34		1.0	0.46	ug/L			08/29/21 15:52	1
Trichlorofluoromethane	1.0	U	1.0	0.88	ug/L			08/29/21 15:52	1
Vinyl chloride	1.0	U	1.0	0.90	ug/L			08/29/21 15:52	1
Xylenes, Total	2.0	U	2.0	0.66	ug/L			08/29/21 15:52	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.36	ug/L			08/29/21 15:52	1
Styrene	1.0	U	1.0	0.73	ug/L			08/29/21 15:52	1

Eurofins TestAmerica, Buffalo

Client Sample Results

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

Job ID: 480-188784-1

Client Sample ID: MW-12

Date Collected: 08/24/21 17:18

Date Received: 08/26/21 10:30

Lab Sample ID: 480-188784-13

Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	101		77 - 120		08/29/21 15:52	1
4-Bromofluorobenzene (Surr)	97		73 - 120		08/29/21 15:52	1
Toluene-d8 (Surr)	98		80 - 120		08/29/21 15:52	1
Dibromofluoromethane (Surr)	104		75 - 123		08/29/21 15:52	1

Client Sample ID: MW-14

Date Collected: 08/24/21 16:25

Date Received: 08/26/21 10:30

Lab Sample ID: 480-188784-14

Matrix: Water

Method: 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			08/29/21 16:15	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.21	ug/L			08/29/21 16:15	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.31	ug/L			08/29/21 16:15	1
1,1,2-Trichloroethane	1.0	U	1.0	0.23	ug/L			08/29/21 16:15	1
1,1-Dichloroethane	1.0	U	1.0	0.38	ug/L			08/29/21 16:15	1
1,1-Dichloroethene	1.0	U	1.0	0.29	ug/L			08/29/21 16:15	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.41	ug/L			08/29/21 16:15	1
1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.39	ug/L			08/29/21 16:15	1
1,2-Dichlorobenzene	1.0	U	1.0	0.79	ug/L			08/29/21 16:15	1
1,2-Dichloroethane	1.0	U	1.0	0.21	ug/L			08/29/21 16:15	1
1,2-Dichloropropane	1.0	U	1.0	0.72	ug/L			08/29/21 16:15	1
1,3-Dichlorobenzene	1.0	U	1.0	0.78	ug/L			08/29/21 16:15	1
1,4-Dichlorobenzene	1.0	U	1.0	0.84	ug/L			08/29/21 16:15	1
2-Butanone (MEK)	10	U	10	1.3	ug/L			08/29/21 16:15	1
2-Hexanone	5.0	U	5.0	1.2	ug/L			08/29/21 16:15	1
4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	2.1	ug/L			08/29/21 16:15	1
Acetone	10	U	10	3.0	ug/L			08/29/21 16:15	1
Benzene	1.0	U	1.0	0.41	ug/L			08/29/21 16:15	1
Bromoform	1.0	U	1.0	0.26	ug/L			08/29/21 16:15	1
Bromomethane	1.0	U	1.0	0.69	ug/L			08/29/21 16:15	1
Carbon disulfide	1.0	U	1.0	0.19	ug/L			08/29/21 16:15	1
Carbon tetrachloride	1.0	U	1.0	0.27	ug/L			08/29/21 16:15	1
Chlorobenzene	1.0	U	1.0	0.75	ug/L			08/29/21 16:15	1
Dibromochloromethane	1.0	U	1.0	0.32	ug/L			08/29/21 16:15	1
Chloroethane	1.0	U	1.0	0.32	ug/L			08/29/21 16:15	1
Chloroform	1.0	U	1.0	0.34	ug/L			08/29/21 16:15	1
Chloromethane	1.0	U	1.0	0.35	ug/L			08/29/21 16:15	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.81	ug/L			08/29/21 16:15	1
Cyclohexane	1.0	U	1.0	0.18	ug/L			08/29/21 16:15	1
Bromodichloromethane	1.0	U	1.0	0.39	ug/L			08/29/21 16:15	1
Dichlorodifluoromethane	1.0	U	1.0	0.68	ug/L			08/29/21 16:15	1
Ethylbenzene	1.0	U	1.0	0.74	ug/L			08/29/21 16:15	1
1,2-Dibromoethane	1.0	U	1.0	0.73	ug/L			08/29/21 16:15	1
Isopropylbenzene	1.0	U	1.0	0.79	ug/L			08/29/21 16:15	1
Methyl acetate	2.5	U	2.5	1.3	ug/L			08/29/21 16:15	1
Methyl tert-butyl ether	1.0	U	1.0	0.16	ug/L			08/29/21 16:15	1
Methylcyclohexane	1.0	U	1.0	0.16	ug/L			08/29/21 16:15	1
Methylene Chloride	1.0	U	1.0	0.44	ug/L			08/29/21 16:15	1
Tetrachloroethene	1.0	U	1.0	0.36	ug/L			08/29/21 16:15	1

Eurofins TestAmerica, Buffalo

Client Sample Results

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

Job ID: 480-188784-1

Client Sample ID: MW-14

Date Collected: 08/24/21 16:25

Date Received: 08/26/21 10:30

Lab Sample ID: 480-188784-14

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Toluene	1.0	U	1.0	0.51	ug/L			08/29/21 16:15	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.90	ug/L			08/29/21 16:15	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.37	ug/L			08/29/21 16:15	1
Trichloroethene	1.3		1.0	0.46	ug/L			08/29/21 16:15	1
Trichlorofluoromethane	1.0	U	1.0	0.88	ug/L			08/29/21 16:15	1
Vinyl chloride	1.0	U	1.0	0.90	ug/L			08/29/21 16:15	1
Xylenes, Total	2.0	U	2.0	0.66	ug/L			08/29/21 16:15	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.36	ug/L			08/29/21 16:15	1
Styrene	1.0	U	1.0	0.73	ug/L			08/29/21 16:15	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	106		77 - 120					08/29/21 16:15	1
4-Bromofluorobenzene (Surr)	98		73 - 120					08/29/21 16:15	1
Toluene-d8 (Surr)	100		80 - 120					08/29/21 16:15	1
Dibromofluoromethane (Surr)	104		75 - 123					08/29/21 16:15	1

Client Sample ID: MW-15

Date Collected: 08/24/21 14:05

Date Received: 08/26/21 10:30

Lab Sample ID: 480-188784-15

Matrix: Water

Method: 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			08/29/21 16:39	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.21	ug/L			08/29/21 16:39	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.31	ug/L			08/29/21 16:39	1
1,1,2-Trichloroethane	1.0	U	1.0	0.23	ug/L			08/29/21 16:39	1
1,1-Dichloroethane	1.0	U	1.0	0.38	ug/L			08/29/21 16:39	1
1,1-Dichloroethene	1.0	U	1.0	0.29	ug/L			08/29/21 16:39	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.41	ug/L			08/29/21 16:39	1
1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.39	ug/L			08/29/21 16:39	1
1,2-Dichlorobenzene	1.0	U	1.0	0.79	ug/L			08/29/21 16:39	1
1,2-Dichloroethane	1.0	U	1.0	0.21	ug/L			08/29/21 16:39	1
1,2-Dichloropropane	1.0	U	1.0	0.72	ug/L			08/29/21 16:39	1
1,3-Dichlorobenzene	1.0	U	1.0	0.78	ug/L			08/29/21 16:39	1
1,4-Dichlorobenzene	1.0	U	1.0	0.84	ug/L			08/29/21 16:39	1
2-Butanone (MEK)	10	U	10	1.3	ug/L			08/29/21 16:39	1
2-Hexanone	5.0	U	5.0	1.2	ug/L			08/29/21 16:39	1
4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	2.1	ug/L			08/29/21 16:39	1
Acetone	10	U	10	3.0	ug/L			08/29/21 16:39	1
Benzene	1.0	U	1.0	0.41	ug/L			08/29/21 16:39	1
Bromoform	1.0	U	1.0	0.26	ug/L			08/29/21 16:39	1
Bromomethane	1.0	U	1.0	0.69	ug/L			08/29/21 16:39	1
Carbon disulfide	1.0	U	1.0	0.19	ug/L			08/29/21 16:39	1
Carbon tetrachloride	1.0	U	1.0	0.27	ug/L			08/29/21 16:39	1
Chlorobenzene	1.0	U	1.0	0.75	ug/L			08/29/21 16:39	1
Dibromochloromethane	1.0	U	1.0	0.32	ug/L			08/29/21 16:39	1
Chloroethane	1.0	U	1.0	0.32	ug/L			08/29/21 16:39	1
Chloroform	1.0	U	1.0	0.34	ug/L			08/29/21 16:39	1
Chloromethane	1.0	U	1.0	0.35	ug/L			08/29/21 16:39	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.81	ug/L			08/29/21 16:39	1

Eurofins TestAmerica, Buffalo

Client Sample Results

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

Job ID: 480-188784-1

Client Sample ID: MW-15

Lab Sample ID: 480-188784-15

Date Collected: 08/24/21 14:05

Matrix: Water

Date Received: 08/26/21 10:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyclohexane	1.0	U	1.0	0.18	ug/L			08/29/21 16:39	1
Bromodichloromethane	1.0	U	1.0	0.39	ug/L			08/29/21 16:39	1
Dichlorodifluoromethane	1.0	U	1.0	0.68	ug/L			08/29/21 16:39	1
Ethylbenzene	1.0	U	1.0	0.74	ug/L			08/29/21 16:39	1
1,2-Dibromoethane	1.0	U	1.0	0.73	ug/L			08/29/21 16:39	1
Isopropylbenzene	1.0	U	1.0	0.79	ug/L			08/29/21 16:39	1
Methyl acetate	2.5	U	2.5	1.3	ug/L			08/29/21 16:39	1
Methyl tert-butyl ether	1.0	U	1.0	0.16	ug/L			08/29/21 16:39	1
Methylcyclohexane	1.0	U	1.0	0.16	ug/L			08/29/21 16:39	1
Methylene Chloride	1.0	U	1.0	0.44	ug/L			08/29/21 16:39	1
Tetrachloroethene	1.0	U	1.0	0.36	ug/L			08/29/21 16:39	1
Toluene	1.0	U	1.0	0.51	ug/L			08/29/21 16:39	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.90	ug/L			08/29/21 16:39	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.37	ug/L			08/29/21 16:39	1
Trichloroethene	1.0	U	1.0	0.46	ug/L			08/29/21 16:39	1
Trichlorofluoromethane	1.0	U	1.0	0.88	ug/L			08/29/21 16:39	1
Vinyl chloride	1.0	U	1.0	0.90	ug/L			08/29/21 16:39	1
Xylenes, Total	2.0	U	2.0	0.66	ug/L			08/29/21 16:39	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.36	ug/L			08/29/21 16:39	1
Styrene	1.0	U	1.0	0.73	ug/L			08/29/21 16:39	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	104		77 - 120		08/29/21 16:39	1
4-Bromofluorobenzene (Surr)	99		73 - 120		08/29/21 16:39	1
Toluene-d8 (Surr)	98		80 - 120		08/29/21 16:39	1
Dibromofluoromethane (Surr)	105		75 - 123		08/29/21 16:39	1

Client Sample ID: MW-19

Lab Sample ID: 480-188784-16

Date Collected: 08/24/21 17:25

Matrix: Water

Date Received: 08/26/21 10:30

Method: 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			08/29/21 17:02	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.21	ug/L			08/29/21 17:02	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.31	ug/L			08/29/21 17:02	1
1,1,2-Trichloroethane	1.0	U	1.0	0.23	ug/L			08/29/21 17:02	1
1,1-Dichloroethane	1.0	U	1.0	0.38	ug/L			08/29/21 17:02	1
1,1-Dichloroethene	1.0	U	1.0	0.29	ug/L			08/29/21 17:02	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.41	ug/L			08/29/21 17:02	1
1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.39	ug/L			08/29/21 17:02	1
1,2-Dichlorobenzene	1.0	U	1.0	0.79	ug/L			08/29/21 17:02	1
1,2-Dichloroethane	1.0	U	1.0	0.21	ug/L			08/29/21 17:02	1
1,2-Dichloropropane	1.0	U	1.0	0.72	ug/L			08/29/21 17:02	1
1,3-Dichlorobenzene	1.0	U	1.0	0.78	ug/L			08/29/21 17:02	1
1,4-Dichlorobenzene	1.0	U	1.0	0.84	ug/L			08/29/21 17:02	1
2-Butanone (MEK)	10	U	10	1.3	ug/L			08/29/21 17:02	1
2-Hexanone	5.0	U	5.0	1.2	ug/L			08/29/21 17:02	1
4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	2.1	ug/L			08/29/21 17:02	1
Acetone	10	U	10	3.0	ug/L			08/29/21 17:02	1

Eurofins TestAmerica, Buffalo

Client Sample Results

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

Job ID: 480-188784-1

Client Sample ID: MW-19

Lab Sample ID: 480-188784-16

Date Collected: 08/24/21 17:25

Matrix: Water

Date Received: 08/26/21 10:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	1.0	U	1.0	0.41	ug/L			08/29/21 17:02	1
Bromoform	1.0	U	1.0	0.26	ug/L			08/29/21 17:02	1
Bromomethane	1.0	U	1.0	0.69	ug/L			08/29/21 17:02	1
Carbon disulfide	1.0	U	1.0	0.19	ug/L			08/29/21 17:02	1
Carbon tetrachloride	1.0	U	1.0	0.27	ug/L			08/29/21 17:02	1
Chlorobenzene	1.0	U	1.0	0.75	ug/L			08/29/21 17:02	1
Dibromochloromethane	1.0	U	1.0	0.32	ug/L			08/29/21 17:02	1
Chloroethane	1.0	U	1.0	0.32	ug/L			08/29/21 17:02	1
Chloroform	0.40	J	1.0	0.34	ug/L			08/29/21 17:02	1
Chloromethane	1.0	U	1.0	0.35	ug/L			08/29/21 17:02	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.81	ug/L			08/29/21 17:02	1
Cyclohexane	1.0	U	1.0	0.18	ug/L			08/29/21 17:02	1
Bromodichloromethane	1.0	U	1.0	0.39	ug/L			08/29/21 17:02	1
Dichlorodifluoromethane	1.0	U	1.0	0.68	ug/L			08/29/21 17:02	1
Ethylbenzene	1.0	U	1.0	0.74	ug/L			08/29/21 17:02	1
1,2-Dibromoethane	1.0	U	1.0	0.73	ug/L			08/29/21 17:02	1
Isopropylbenzene	1.0	U	1.0	0.79	ug/L			08/29/21 17:02	1
Methyl acetate	2.5	U	2.5	1.3	ug/L			08/29/21 17:02	1
Methyl tert-butyl ether	1.0	U	1.0	0.16	ug/L			08/29/21 17:02	1
Methylcyclohexane	1.0	U	1.0	0.16	ug/L			08/29/21 17:02	1
Methylene Chloride	1.0	U	1.0	0.44	ug/L			08/29/21 17:02	1
Tetrachloroethene	1.0	U	1.0	0.36	ug/L			08/29/21 17:02	1
Toluene	1.0	U	1.0	0.51	ug/L			08/29/21 17:02	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.90	ug/L			08/29/21 17:02	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.37	ug/L			08/29/21 17:02	1
Trichloroethene	1.0		1.0	0.46	ug/L			08/29/21 17:02	1
Trichlorofluoromethane	1.0	U	1.0	0.88	ug/L			08/29/21 17:02	1
Vinyl chloride	1.0	U	1.0	0.90	ug/L			08/29/21 17:02	1
Xylenes, Total	2.0	U	2.0	0.66	ug/L			08/29/21 17:02	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.36	ug/L			08/29/21 17:02	1
Styrene	1.0	U	1.0	0.73	ug/L			08/29/21 17:02	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	103		77 - 120		08/29/21 17:02	1
4-Bromofluorobenzene (Surr)	102		73 - 120		08/29/21 17:02	1
Toluene-d8 (Surr)	100		80 - 120		08/29/21 17:02	1
Dibromofluoromethane (Surr)	104		75 - 123		08/29/21 17:02	1

Client Sample ID: MW-20

Lab Sample ID: 480-188784-17

Date Collected: 08/24/21 13:37

Matrix: Water

Date Received: 08/26/21 10:30

Method: 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 F1	1.0	0.82	ug/L			08/29/21 17:25	1
1,1,1,2-Tetrachloroethane	1.0	U	1.0	0.21	ug/L			08/29/21 17:25	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.31	ug/L			08/29/21 17:25	1
1,1,2-Trichloroethane	1.0	U	1.0	0.23	ug/L			08/29/21 17:25	1
1,1-Dichloroethane	1.0	U F1	1.0	0.38	ug/L			08/29/21 17:25	1
1,1-Dichloroethene	1.0	U F1	1.0	0.29	ug/L			08/29/21 17:25	1

Eurofins TestAmerica, Buffalo

Client Sample Results

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

Job ID: 480-188784-1

Client Sample ID: MW-20

Lab Sample ID: 480-188784-17

Date Collected: 08/24/21 13:37

Matrix: Water

Date Received: 08/26/21 10:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	1.0	U F1	1.0	0.41	ug/L			08/29/21 17:25	1
1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.39	ug/L			08/29/21 17:25	1
1,2-Dichlorobenzene	1.0	U	1.0	0.79	ug/L			08/29/21 17:25	1
1,2-Dichloroethane	1.0	U	1.0	0.21	ug/L			08/29/21 17:25	1
1,2-Dichloropropane	1.0	U F1	1.0	0.72	ug/L			08/29/21 17:25	1
1,3-Dichlorobenzene	1.0	U F1	1.0	0.78	ug/L			08/29/21 17:25	1
1,4-Dichlorobenzene	1.0	U	1.0	0.84	ug/L			08/29/21 17:25	1
2-Butanone (MEK)	10	U	10	1.3	ug/L			08/29/21 17:25	1
2-Hexanone	5.0	U	5.0	1.2	ug/L			08/29/21 17:25	1
4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	2.1	ug/L			08/29/21 17:25	1
Acetone	10	U	10	3.0	ug/L			08/29/21 17:25	1
Benzene	1.0	U F1	1.0	0.41	ug/L			08/29/21 17:25	1
Bromoform	1.0	U	1.0	0.26	ug/L			08/29/21 17:25	1
Bromomethane	1.0	U	1.0	0.69	ug/L			08/29/21 17:25	1
Carbon disulfide	1.0	U	1.0	0.19	ug/L			08/29/21 17:25	1
Carbon tetrachloride	1.0	U F1	1.0	0.27	ug/L			08/29/21 17:25	1
Chlorobenzene	1.0	U F1	1.0	0.75	ug/L			08/29/21 17:25	1
Dibromochloromethane	1.0	U	1.0	0.32	ug/L			08/29/21 17:25	1
Chloroethane	1.0	U	1.0	0.32	ug/L			08/29/21 17:25	1
Chloroform	1.0	U	1.0	0.34	ug/L			08/29/21 17:25	1
Chloromethane	1.0	U	1.0	0.35	ug/L			08/29/21 17:25	1
cis-1,2-Dichloroethene	1.0	U F1	1.0	0.81	ug/L			08/29/21 17:25	1
Cyclohexane	1.0	U	1.0	0.18	ug/L			08/29/21 17:25	1
Bromodichloromethane	1.0	U F1	1.0	0.39	ug/L			08/29/21 17:25	1
Dichlorodifluoromethane	1.0	U	1.0	0.68	ug/L			08/29/21 17:25	1
Ethylbenzene	1.0	U F1	1.0	0.74	ug/L			08/29/21 17:25	1
1,2-Dibromoethane	1.0	U	1.0	0.73	ug/L			08/29/21 17:25	1
Isopropylbenzene	1.0	U F1	1.0	0.79	ug/L			08/29/21 17:25	1
Methyl acetate	2.5	U	2.5	1.3	ug/L			08/29/21 17:25	1
Methyl tert-butyl ether	1.0	U	1.0	0.16	ug/L			08/29/21 17:25	1
Methylcyclohexane	1.0	U	1.0	0.16	ug/L			08/29/21 17:25	1
Methylene Chloride	1.0	U F1	1.0	0.44	ug/L			08/29/21 17:25	1
Tetrachloroethene	1.0	U F1	1.0	0.36	ug/L			08/29/21 17:25	1
Toluene	1.0	U F1	1.0	0.51	ug/L			08/29/21 17:25	1
trans-1,2-Dichloroethene	1.0	U F1	1.0	0.90	ug/L			08/29/21 17:25	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.37	ug/L			08/29/21 17:25	1
Trichloroethene	1.1	F1	1.0	0.46	ug/L			08/29/21 17:25	1
Trichlorofluoromethane	1.0	U	1.0	0.88	ug/L			08/29/21 17:25	1
Vinyl chloride	1.0	U	1.0	0.90	ug/L			08/29/21 17:25	1
Xylenes, Total	2.0	U F1	2.0	0.66	ug/L			08/29/21 17:25	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.36	ug/L			08/29/21 17:25	1
Styrene	1.0	U F1	1.0	0.73	ug/L			08/29/21 17:25	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	101		77 - 120		08/29/21 17:25	1
4-Bromofluorobenzene (Surr)	100		73 - 120		08/29/21 17:25	1
Toluene-d8 (Surr)	100		80 - 120		08/29/21 17:25	1
Dibromofluoromethane (Surr)	102		75 - 123		08/29/21 17:25	1

Eurofins TestAmerica, Buffalo

Client Sample Results

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

Job ID: 480-188784-1

Client Sample ID: URS-2S

Lab Sample ID: 480-188784-18

Date Collected: 08/25/21 12:35

Matrix: Water

Date Received: 08/26/21 10:30

Method: 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			08/29/21 17:48	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.21	ug/L			08/29/21 17:48	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.31	ug/L			08/29/21 17:48	1
1,1,2-Trichloroethane	1.0	U	1.0	0.23	ug/L			08/29/21 17:48	1
1,1-Dichloroethane	1.0	U	1.0	0.38	ug/L			08/29/21 17:48	1
1,1-Dichloroethene	1.0	U	1.0	0.29	ug/L			08/29/21 17:48	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.41	ug/L			08/29/21 17:48	1
1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.39	ug/L			08/29/21 17:48	1
1,2-Dichlorobenzene	1.0	U	1.0	0.79	ug/L			08/29/21 17:48	1
1,2-Dichloroethane	1.0	U	1.0	0.21	ug/L			08/29/21 17:48	1
1,2-Dichloropropane	1.0	U	1.0	0.72	ug/L			08/29/21 17:48	1
1,3-Dichlorobenzene	1.0	U	1.0	0.78	ug/L			08/29/21 17:48	1
1,4-Dichlorobenzene	1.0	U	1.0	0.84	ug/L			08/29/21 17:48	1
2-Butanone (MEK)	10	U	10	1.3	ug/L			08/29/21 17:48	1
2-Hexanone	5.0	U	5.0	1.2	ug/L			08/29/21 17:48	1
4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	2.1	ug/L			08/29/21 17:48	1
Acetone	10	U	10	3.0	ug/L			08/29/21 17:48	1
Benzene	1.0	U	1.0	0.41	ug/L			08/29/21 17:48	1
Bromoform	1.0	U	1.0	0.26	ug/L			08/29/21 17:48	1
Bromomethane	1.0	U	1.0	0.69	ug/L			08/29/21 17:48	1
Carbon disulfide	1.0	U	1.0	0.19	ug/L			08/29/21 17:48	1
Carbon tetrachloride	1.0	U	1.0	0.27	ug/L			08/29/21 17:48	1
Chlorobenzene	1.0	U	1.0	0.75	ug/L			08/29/21 17:48	1
Dibromochloromethane	1.0	U	1.0	0.32	ug/L			08/29/21 17:48	1
Chloroethane	1.0	U	1.0	0.32	ug/L			08/29/21 17:48	1
Chloroform	1.0	U	1.0	0.34	ug/L			08/29/21 17:48	1
Chloromethane	1.0	U	1.0	0.35	ug/L			08/29/21 17:48	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.81	ug/L			08/29/21 17:48	1
Cyclohexane	1.0	U	1.0	0.18	ug/L			08/29/21 17:48	1
Bromodichloromethane	1.0	U	1.0	0.39	ug/L			08/29/21 17:48	1
Dichlorodifluoromethane	1.0	U	1.0	0.68	ug/L			08/29/21 17:48	1
Ethylbenzene	1.0	U	1.0	0.74	ug/L			08/29/21 17:48	1
1,2-Dibromoethane	1.0	U	1.0	0.73	ug/L			08/29/21 17:48	1
Isopropylbenzene	1.0	U	1.0	0.79	ug/L			08/29/21 17:48	1
Methyl acetate	2.5	U	2.5	1.3	ug/L			08/29/21 17:48	1
Methyl tert-butyl ether	1.0	U	1.0	0.16	ug/L			08/29/21 17:48	1
Methylcyclohexane	1.0	U	1.0	0.16	ug/L			08/29/21 17:48	1
Methylene Chloride	1.0	U	1.0	0.44	ug/L			08/29/21 17:48	1
Tetrachloroethene	1.0	U	1.0	0.36	ug/L			08/29/21 17:48	1
Toluene	1.0	U	1.0	0.51	ug/L			08/29/21 17:48	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.90	ug/L			08/29/21 17:48	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.37	ug/L			08/29/21 17:48	1
Trichloroethene	1.0	U	1.0	0.46	ug/L			08/29/21 17:48	1
Trichlorofluoromethane	1.0	U	1.0	0.88	ug/L			08/29/21 17:48	1
Vinyl chloride	1.0	U	1.0	0.90	ug/L			08/29/21 17:48	1
Xylenes, Total	2.0	U	2.0	0.66	ug/L			08/29/21 17:48	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.36	ug/L			08/29/21 17:48	1
Styrene	1.0	U	1.0	0.73	ug/L			08/29/21 17:48	1

Eurofins TestAmerica, Buffalo

Client Sample Results

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

Job ID: 480-188784-1

Client Sample ID: URS-2S

Date Collected: 08/25/21 12:35

Date Received: 08/26/21 10:30

Lab Sample ID: 480-188784-18

Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	100		77 - 120		08/29/21 17:48	1
4-Bromofluorobenzene (Surr)	99		73 - 120		08/29/21 17:48	1
Toluene-d8 (Surr)	100		80 - 120		08/29/21 17:48	1
Dibromofluoromethane (Surr)	105		75 - 123		08/29/21 17:48	1

Client Sample ID: URS-12

Date Collected: 08/24/21 15:21

Date Received: 08/26/21 10:30

Lab Sample ID: 480-188784-19

Matrix: Water

Method: 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			08/29/21 18:11	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.21	ug/L			08/29/21 18:11	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.31	ug/L			08/29/21 18:11	1
1,1,2-Trichloroethane	1.0	U	1.0	0.23	ug/L			08/29/21 18:11	1
1,1-Dichloroethane	1.0	U	1.0	0.38	ug/L			08/29/21 18:11	1
1,1-Dichloroethene	1.0	U	1.0	0.29	ug/L			08/29/21 18:11	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.41	ug/L			08/29/21 18:11	1
1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.39	ug/L			08/29/21 18:11	1
1,2-Dichlorobenzene	1.0	U	1.0	0.79	ug/L			08/29/21 18:11	1
1,2-Dichloroethane	1.0	U	1.0	0.21	ug/L			08/29/21 18:11	1
1,2-Dichloropropane	1.0	U	1.0	0.72	ug/L			08/29/21 18:11	1
1,3-Dichlorobenzene	1.0	U	1.0	0.78	ug/L			08/29/21 18:11	1
1,4-Dichlorobenzene	1.0	U	1.0	0.84	ug/L			08/29/21 18:11	1
2-Butanone (MEK)	10	U	10	1.3	ug/L			08/29/21 18:11	1
2-Hexanone	5.0	U	5.0	1.2	ug/L			08/29/21 18:11	1
4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	2.1	ug/L			08/29/21 18:11	1
Acetone	10	U	10	3.0	ug/L			08/29/21 18:11	1
Benzene	1.0	U	1.0	0.41	ug/L			08/29/21 18:11	1
Bromoform	1.0	U	1.0	0.26	ug/L			08/29/21 18:11	1
Bromomethane	1.0	U	1.0	0.69	ug/L			08/29/21 18:11	1
Carbon disulfide	1.0	U	1.0	0.19	ug/L			08/29/21 18:11	1
Carbon tetrachloride	1.0	U	1.0	0.27	ug/L			08/29/21 18:11	1
Chlorobenzene	1.0	U	1.0	0.75	ug/L			08/29/21 18:11	1
Dibromochloromethane	1.0	U	1.0	0.32	ug/L			08/29/21 18:11	1
Chloroethane	1.0	U	1.0	0.32	ug/L			08/29/21 18:11	1
Chloroform	1.0	U	1.0	0.34	ug/L			08/29/21 18:11	1
Chloromethane	1.0	U	1.0	0.35	ug/L			08/29/21 18:11	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.81	ug/L			08/29/21 18:11	1
Cyclohexane	1.0	U	1.0	0.18	ug/L			08/29/21 18:11	1
Bromodichloromethane	1.0	U	1.0	0.39	ug/L			08/29/21 18:11	1
Dichlorodifluoromethane	1.0	U	1.0	0.68	ug/L			08/29/21 18:11	1
Ethylbenzene	1.0	U	1.0	0.74	ug/L			08/29/21 18:11	1
1,2-Dibromoethane	1.0	U	1.0	0.73	ug/L			08/29/21 18:11	1
Isopropylbenzene	1.0	U	1.0	0.79	ug/L			08/29/21 18:11	1
Methyl acetate	2.5	U	2.5	1.3	ug/L			08/29/21 18:11	1
Methyl tert-butyl ether	1.0	U	1.0	0.16	ug/L			08/29/21 18:11	1
Methylcyclohexane	1.0	U	1.0	0.16	ug/L			08/29/21 18:11	1
Methylene Chloride	1.0	U	1.0	0.44	ug/L			08/29/21 18:11	1
Tetrachloroethene	1.0	U	1.0	0.36	ug/L			08/29/21 18:11	1

Eurofins TestAmerica, Buffalo

Client Sample Results

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

Job ID: 480-188784-1

Client Sample ID: URS-12

Lab Sample ID: 480-188784-19

Date Collected: 08/24/21 15:21

Matrix: Water

Date Received: 08/26/21 10:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Toluene	1.0	U	1.0	0.51	ug/L			08/29/21 18:11	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.90	ug/L			08/29/21 18:11	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.37	ug/L			08/29/21 18:11	1
Trichloroethene	10		1.0	0.46	ug/L			08/29/21 18:11	1
Trichlorofluoromethane	1.0	U	1.0	0.88	ug/L			08/29/21 18:11	1
Vinyl chloride	1.0	U	1.0	0.90	ug/L			08/29/21 18:11	1
Xylenes, Total	2.0	U	2.0	0.66	ug/L			08/29/21 18:11	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.36	ug/L			08/29/21 18:11	1
Styrene	1.0	U	1.0	0.73	ug/L			08/29/21 18:11	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	106		77 - 120					08/29/21 18:11	1
4-Bromofluorobenzene (Surr)	102		73 - 120					08/29/21 18:11	1
Toluene-d8 (Surr)	103		80 - 120					08/29/21 18:11	1
Dibromofluoromethane (Surr)	120		75 - 123					08/29/21 18:11	1

Client Sample ID: URS-13

Lab Sample ID: 480-188784-20

Date Collected: 08/24/21 14:27

Matrix: Water

Date Received: 08/26/21 10:30

Method: 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			08/29/21 18:34	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.21	ug/L			08/29/21 18:34	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.31	ug/L			08/29/21 18:34	1
1,1,2-Trichloroethane	1.0	U	1.0	0.23	ug/L			08/29/21 18:34	1
1,1-Dichloroethane	1.0	U	1.0	0.38	ug/L			08/29/21 18:34	1
1,1-Dichloroethene	1.0	U	1.0	0.29	ug/L			08/29/21 18:34	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.41	ug/L			08/29/21 18:34	1
1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.39	ug/L			08/29/21 18:34	1
1,2-Dichlorobenzene	1.0	U	1.0	0.79	ug/L			08/29/21 18:34	1
1,2-Dichloroethane	1.0	U	1.0	0.21	ug/L			08/29/21 18:34	1
1,2-Dichloropropane	1.0	U	1.0	0.72	ug/L			08/29/21 18:34	1
1,3-Dichlorobenzene	1.0	U	1.0	0.78	ug/L			08/29/21 18:34	1
1,4-Dichlorobenzene	1.0	U	1.0	0.84	ug/L			08/29/21 18:34	1
2-Butanone (MEK)	10	U	10	1.3	ug/L			08/29/21 18:34	1
2-Hexanone	5.0	U	5.0	1.2	ug/L			08/29/21 18:34	1
4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	2.1	ug/L			08/29/21 18:34	1
Acetone	10	U	10	3.0	ug/L			08/29/21 18:34	1
Benzene	1.0	U	1.0	0.41	ug/L			08/29/21 18:34	1
Bromoform	1.0	U	1.0	0.26	ug/L			08/29/21 18:34	1
Bromomethane	1.0	U	1.0	0.69	ug/L			08/29/21 18:34	1
Carbon disulfide	1.0	U	1.0	0.19	ug/L			08/29/21 18:34	1
Carbon tetrachloride	1.0	U	1.0	0.27	ug/L			08/29/21 18:34	1
Chlorobenzene	1.0	U	1.0	0.75	ug/L			08/29/21 18:34	1
Dibromochloromethane	1.0	U	1.0	0.32	ug/L			08/29/21 18:34	1
Chloroethane	1.0	U	1.0	0.32	ug/L			08/29/21 18:34	1
Chloroform	1.0	U	1.0	0.34	ug/L			08/29/21 18:34	1
Chloromethane	1.0	U	1.0	0.35	ug/L			08/29/21 18:34	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.81	ug/L			08/29/21 18:34	1

Eurofins TestAmerica, Buffalo

Client Sample Results

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

Job ID: 480-188784-1

Client Sample ID: URS-13

Lab Sample ID: 480-188784-20

Date Collected: 08/24/21 14:27

Matrix: Water

Date Received: 08/26/21 10:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyclohexane	1.0	U	1.0	0.18	ug/L			08/29/21 18:34	1
Bromodichloromethane	1.0	U	1.0	0.39	ug/L			08/29/21 18:34	1
Dichlorodifluoromethane	1.0	U	1.0	0.68	ug/L			08/29/21 18:34	1
Ethylbenzene	1.0	U	1.0	0.74	ug/L			08/29/21 18:34	1
1,2-Dibromoethane	1.0	U	1.0	0.73	ug/L			08/29/21 18:34	1
Isopropylbenzene	1.0	U	1.0	0.79	ug/L			08/29/21 18:34	1
Methyl acetate	2.5	U	2.5	1.3	ug/L			08/29/21 18:34	1
Methyl tert-butyl ether	1.0	U	1.0	0.16	ug/L			08/29/21 18:34	1
Methylcyclohexane	1.0	U	1.0	0.16	ug/L			08/29/21 18:34	1
Methylene Chloride	1.0	U	1.0	0.44	ug/L			08/29/21 18:34	1
Tetrachloroethene	1.0	U	1.0	0.36	ug/L			08/29/21 18:34	1
Toluene	1.0	U	1.0	0.51	ug/L			08/29/21 18:34	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.90	ug/L			08/29/21 18:34	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.37	ug/L			08/29/21 18:34	1
Trichloroethene	1.1		1.0	0.46	ug/L			08/29/21 18:34	1
Trichlorofluoromethane	1.0	U	1.0	0.88	ug/L			08/29/21 18:34	1
Vinyl chloride	1.0	U	1.0	0.90	ug/L			08/29/21 18:34	1
Xylenes, Total	2.0	U	2.0	0.66	ug/L			08/29/21 18:34	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.36	ug/L			08/29/21 18:34	1
Styrene	1.0	U	1.0	0.73	ug/L			08/29/21 18:34	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	107		77 - 120		08/29/21 18:34	1
4-Bromofluorobenzene (Surr)	98		73 - 120		08/29/21 18:34	1
Toluene-d8 (Surr)	102		80 - 120		08/29/21 18:34	1
Dibromofluoromethane (Surr)	112		75 - 123		08/29/21 18:34	1

Client Sample ID: URS-14

Lab Sample ID: 480-188784-21

Date Collected: 08/25/21 12:20

Matrix: Water

Date Received: 08/26/21 10:30

Method: 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			08/29/21 18:57	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.21	ug/L			08/29/21 18:57	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.31	ug/L			08/29/21 18:57	1
1,1,2-Trichloroethane	1.0	U	1.0	0.23	ug/L			08/29/21 18:57	1
1,1-Dichloroethane	1.0	U	1.0	0.38	ug/L			08/29/21 18:57	1
1,1-Dichloroethene	1.0	U	1.0	0.29	ug/L			08/29/21 18:57	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.41	ug/L			08/29/21 18:57	1
1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.39	ug/L			08/29/21 18:57	1
1,2-Dichlorobenzene	1.0	U	1.0	0.79	ug/L			08/29/21 18:57	1
1,2-Dichloroethane	1.0	U	1.0	0.21	ug/L			08/29/21 18:57	1
1,2-Dichloropropane	1.0	U	1.0	0.72	ug/L			08/29/21 18:57	1
1,3-Dichlorobenzene	1.0	U	1.0	0.78	ug/L			08/29/21 18:57	1
1,4-Dichlorobenzene	1.0	U	1.0	0.84	ug/L			08/29/21 18:57	1
2-Butanone (MEK)	10	U	10	1.3	ug/L			08/29/21 18:57	1
2-Hexanone	5.0	U	5.0	1.2	ug/L			08/29/21 18:57	1
4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	2.1	ug/L			08/29/21 18:57	1
Acetone	10	U	10	3.0	ug/L			08/29/21 18:57	1

Eurofins TestAmerica, Buffalo

Client Sample Results

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

Job ID: 480-188784-1

Client Sample ID: URS-14

Lab Sample ID: 480-188784-21

Date Collected: 08/25/21 12:20

Matrix: Water

Date Received: 08/26/21 10:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	1.0	U	1.0	0.41	ug/L			08/29/21 18:57	1
Bromoform	1.0	U	1.0	0.26	ug/L			08/29/21 18:57	1
Bromomethane	1.0	U	1.0	0.69	ug/L			08/29/21 18:57	1
Carbon disulfide	1.0	U	1.0	0.19	ug/L			08/29/21 18:57	1
Carbon tetrachloride	1.0	U	1.0	0.27	ug/L			08/29/21 18:57	1
Chlorobenzene	1.0	U	1.0	0.75	ug/L			08/29/21 18:57	1
Dibromochloromethane	1.0	U	1.0	0.32	ug/L			08/29/21 18:57	1
Chloroethane	1.0	U	1.0	0.32	ug/L			08/29/21 18:57	1
Chloroform	1.0	U	1.0	0.34	ug/L			08/29/21 18:57	1
Chloromethane	1.0	U	1.0	0.35	ug/L			08/29/21 18:57	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.81	ug/L			08/29/21 18:57	1
Cyclohexane	1.0	U	1.0	0.18	ug/L			08/29/21 18:57	1
Bromodichloromethane	1.0	U	1.0	0.39	ug/L			08/29/21 18:57	1
Dichlorodifluoromethane	1.0	U	1.0	0.68	ug/L			08/29/21 18:57	1
Ethylbenzene	1.0	U	1.0	0.74	ug/L			08/29/21 18:57	1
1,2-Dibromoethane	1.0	U	1.0	0.73	ug/L			08/29/21 18:57	1
Isopropylbenzene	1.0	U	1.0	0.79	ug/L			08/29/21 18:57	1
Methyl acetate	2.5	U	2.5	1.3	ug/L			08/29/21 18:57	1
Methyl tert-butyl ether	1.0	U	1.0	0.16	ug/L			08/29/21 18:57	1
Methylcyclohexane	1.0	U	1.0	0.16	ug/L			08/29/21 18:57	1
Methylene Chloride	1.0	U	1.0	0.44	ug/L			08/29/21 18:57	1
Tetrachloroethene	1.0	U	1.0	0.36	ug/L			08/29/21 18:57	1
Toluene	1.0	U	1.0	0.51	ug/L			08/29/21 18:57	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.90	ug/L			08/29/21 18:57	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.37	ug/L			08/29/21 18:57	1
Trichloroethene	1.0	U	1.0	0.46	ug/L			08/29/21 18:57	1
Trichlorofluoromethane	1.0	U	1.0	0.88	ug/L			08/29/21 18:57	1
Vinyl chloride	1.0	U	1.0	0.90	ug/L			08/29/21 18:57	1
Xylenes, Total	2.0	U	2.0	0.66	ug/L			08/29/21 18:57	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.36	ug/L			08/29/21 18:57	1
Styrene	1.0	U	1.0	0.73	ug/L			08/29/21 18:57	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	108		77 - 120		08/29/21 18:57	1
4-Bromofluorobenzene (Surr)	102		73 - 120		08/29/21 18:57	1
Toluene-d8 (Surr)	101		80 - 120		08/29/21 18:57	1
Dibromofluoromethane (Surr)	111		75 - 123		08/29/21 18:57	1

Client Sample ID: DUP-01

Lab Sample ID: 480-188784-22

Date Collected: 08/24/21 00:00

Matrix: Water

Date Received: 08/26/21 10:30

Method: 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			08/29/21 19:20	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.21	ug/L			08/29/21 19:20	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.31	ug/L			08/29/21 19:20	1
1,1,2-Trichloroethane	1.0	U	1.0	0.23	ug/L			08/29/21 19:20	1
1,1-Dichloroethane	1.0	U	1.0	0.38	ug/L			08/29/21 19:20	1
1,1-Dichloroethene	1.0	U	1.0	0.29	ug/L			08/29/21 19:20	1

Eurofins TestAmerica, Buffalo

Client Sample Results

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

Job ID: 480-188784-1

Client Sample ID: DUP-01

Lab Sample ID: 480-188784-22

Date Collected: 08/24/21 00:00

Matrix: Water

Date Received: 08/26/21 10:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	1.0	U	1.0	0.41	ug/L			08/29/21 19:20	1
1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.39	ug/L			08/29/21 19:20	1
1,2-Dichlorobenzene	1.0	U	1.0	0.79	ug/L			08/29/21 19:20	1
1,2-Dichloroethane	1.0	U	1.0	0.21	ug/L			08/29/21 19:20	1
1,2-Dichloropropane	1.0	U	1.0	0.72	ug/L			08/29/21 19:20	1
1,3-Dichlorobenzene	1.0	U	1.0	0.78	ug/L			08/29/21 19:20	1
1,4-Dichlorobenzene	1.0	U	1.0	0.84	ug/L			08/29/21 19:20	1
2-Butanone (MEK)	10	U	10	1.3	ug/L			08/29/21 19:20	1
2-Hexanone	5.0	U	5.0	1.2	ug/L			08/29/21 19:20	1
4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	2.1	ug/L			08/29/21 19:20	1
Acetone	10	U	10	3.0	ug/L			08/29/21 19:20	1
Benzene	1.0	U	1.0	0.41	ug/L			08/29/21 19:20	1
Bromoform	1.0	U	1.0	0.26	ug/L			08/29/21 19:20	1
Bromomethane	1.0	U	1.0	0.69	ug/L			08/29/21 19:20	1
Carbon disulfide	1.0	U	1.0	0.19	ug/L			08/29/21 19:20	1
Carbon tetrachloride	1.0	U	1.0	0.27	ug/L			08/29/21 19:20	1
Chlorobenzene	1.0	U	1.0	0.75	ug/L			08/29/21 19:20	1
Dibromochloromethane	1.0	U	1.0	0.32	ug/L			08/29/21 19:20	1
Chloroethane	1.0	U	1.0	0.32	ug/L			08/29/21 19:20	1
Chloroform	1.0	U	1.0	0.34	ug/L			08/29/21 19:20	1
Chloromethane	1.0	U	1.0	0.35	ug/L			08/29/21 19:20	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.81	ug/L			08/29/21 19:20	1
Cyclohexane	1.0	U	1.0	0.18	ug/L			08/29/21 19:20	1
Bromodichloromethane	1.0	U	1.0	0.39	ug/L			08/29/21 19:20	1
Dichlorodifluoromethane	1.0	U	1.0	0.68	ug/L			08/29/21 19:20	1
Ethylbenzene	1.0	U	1.0	0.74	ug/L			08/29/21 19:20	1
1,2-Dibromoethane	1.0	U	1.0	0.73	ug/L			08/29/21 19:20	1
Isopropylbenzene	1.0	U	1.0	0.79	ug/L			08/29/21 19:20	1
Methyl acetate	2.5	U	2.5	1.3	ug/L			08/29/21 19:20	1
Methyl tert-butyl ether	1.0	U	1.0	0.16	ug/L			08/29/21 19:20	1
Methylcyclohexane	1.0	U	1.0	0.16	ug/L			08/29/21 19:20	1
Methylene Chloride	1.0	U	1.0	0.44	ug/L			08/29/21 19:20	1
Tetrachloroethene	1.0	U	1.0	0.36	ug/L			08/29/21 19:20	1
Toluene	1.0	U	1.0	0.51	ug/L			08/29/21 19:20	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.90	ug/L			08/29/21 19:20	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.37	ug/L			08/29/21 19:20	1
Trichloroethene	1.1		1.0	0.46	ug/L			08/29/21 19:20	1
Trichlorofluoromethane	1.0	U	1.0	0.88	ug/L			08/29/21 19:20	1
Vinyl chloride	1.0	U	1.0	0.90	ug/L			08/29/21 19:20	1
Xylenes, Total	2.0	U	2.0	0.66	ug/L			08/29/21 19:20	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.36	ug/L			08/29/21 19:20	1
Styrene	1.0	U	1.0	0.73	ug/L			08/29/21 19:20	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	105		77 - 120		08/29/21 19:20	1
4-Bromofluorobenzene (Surr)	102		73 - 120		08/29/21 19:20	1
Toluene-d8 (Surr)	102		80 - 120		08/29/21 19:20	1
Dibromofluoromethane (Surr)	104		75 - 123		08/29/21 19:20	1

Eurofins TestAmerica, Buffalo

Client Sample Results

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

Job ID: 480-188784-1

Client Sample ID: EB-01

Lab Sample ID: 480-188784-23

Date Collected: 08/24/21 19:00

Matrix: Water

Date Received: 08/26/21 10:30

Method: 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			08/29/21 19:43	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.21	ug/L			08/29/21 19:43	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.31	ug/L			08/29/21 19:43	1
1,1,2-Trichloroethane	1.0	U	1.0	0.23	ug/L			08/29/21 19:43	1
1,1-Dichloroethane	1.0	U	1.0	0.38	ug/L			08/29/21 19:43	1
1,1-Dichloroethene	1.0	U	1.0	0.29	ug/L			08/29/21 19:43	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.41	ug/L			08/29/21 19:43	1
1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.39	ug/L			08/29/21 19:43	1
1,2-Dichlorobenzene	1.0	U	1.0	0.79	ug/L			08/29/21 19:43	1
1,2-Dichloroethane	1.0	U	1.0	0.21	ug/L			08/29/21 19:43	1
1,2-Dichloropropane	1.0	U	1.0	0.72	ug/L			08/29/21 19:43	1
1,3-Dichlorobenzene	1.0	U	1.0	0.78	ug/L			08/29/21 19:43	1
1,4-Dichlorobenzene	1.0	U	1.0	0.84	ug/L			08/29/21 19:43	1
2-Butanone (MEK)	8.8	J	10	1.3	ug/L			08/29/21 19:43	1
2-Hexanone	5.0	U	5.0	1.2	ug/L			08/29/21 19:43	1
4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	2.1	ug/L			08/29/21 19:43	1
Acetone	19		10	3.0	ug/L			08/29/21 19:43	1
Benzene	1.0	U	1.0	0.41	ug/L			08/29/21 19:43	1
Bromoform	1.0	U	1.0	0.26	ug/L			08/29/21 19:43	1
Bromomethane	1.0	U	1.0	0.69	ug/L			08/29/21 19:43	1
Carbon disulfide	1.0	U	1.0	0.19	ug/L			08/29/21 19:43	1
Carbon tetrachloride	1.0	U	1.0	0.27	ug/L			08/29/21 19:43	1
Chlorobenzene	1.0	U	1.0	0.75	ug/L			08/29/21 19:43	1
Dibromochloromethane	1.0	U	1.0	0.32	ug/L			08/29/21 19:43	1
Chloroethane	1.0	U	1.0	0.32	ug/L			08/29/21 19:43	1
Chloroform	1.0	U	1.0	0.34	ug/L			08/29/21 19:43	1
Chloromethane	1.0	U	1.0	0.35	ug/L			08/29/21 19:43	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.81	ug/L			08/29/21 19:43	1
Cyclohexane	1.0	U	1.0	0.18	ug/L			08/29/21 19:43	1
Bromodichloromethane	1.0	U	1.0	0.39	ug/L			08/29/21 19:43	1
Dichlorodifluoromethane	1.0	U	1.0	0.68	ug/L			08/29/21 19:43	1
Ethylbenzene	0.77	J	1.0	0.74	ug/L			08/29/21 19:43	1
1,2-Dibromoethane	1.0	U	1.0	0.73	ug/L			08/29/21 19:43	1
Isopropylbenzene	1.0	U	1.0	0.79	ug/L			08/29/21 19:43	1
Methyl acetate	2.5	U	2.5	1.3	ug/L			08/29/21 19:43	1
Methyl tert-butyl ether	1.0	U	1.0	0.16	ug/L			08/29/21 19:43	1
Methylcyclohexane	1.0	U	1.0	0.16	ug/L			08/29/21 19:43	1
Methylene Chloride	1.0	U	1.0	0.44	ug/L			08/29/21 19:43	1
Tetrachloroethene	1.0	U	1.0	0.36	ug/L			08/29/21 19:43	1
Toluene	25		1.0	0.51	ug/L			08/29/21 19:43	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.90	ug/L			08/29/21 19:43	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.37	ug/L			08/29/21 19:43	1
Trichloroethene	1.0	U	1.0	0.46	ug/L			08/29/21 19:43	1
Trichlorofluoromethane	1.0	U	1.0	0.88	ug/L			08/29/21 19:43	1
Vinyl chloride	1.0	U	1.0	0.90	ug/L			08/29/21 19:43	1
Xylenes, Total	4.5		2.0	0.66	ug/L			08/29/21 19:43	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.36	ug/L			08/29/21 19:43	1
Styrene	1.0	U	1.0	0.73	ug/L			08/29/21 19:43	1

Eurofins TestAmerica, Buffalo

Client Sample Results

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

Job ID: 480-188784-1

Client Sample ID: EB-01

Date Collected: 08/24/21 19:00

Date Received: 08/26/21 10:30

Lab Sample ID: 480-188784-23

Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	101		77 - 120		08/29/21 19:43	1
4-Bromofluorobenzene (Surr)	100		73 - 120		08/29/21 19:43	1
Toluene-d8 (Surr)	98		80 - 120		08/29/21 19:43	1
Dibromofluoromethane (Surr)	104		75 - 123		08/29/21 19:43	1

Client Sample ID: TB-01

Date Collected: 08/24/21 12:00

Date Received: 08/26/21 10:30

Lab Sample ID: 480-188784-24

Matrix: Water

Method: 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			08/29/21 20:07	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.21	ug/L			08/29/21 20:07	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.31	ug/L			08/29/21 20:07	1
1,1,2-Trichloroethane	1.0	U	1.0	0.23	ug/L			08/29/21 20:07	1
1,1-Dichloroethane	1.0	U	1.0	0.38	ug/L			08/29/21 20:07	1
1,1-Dichloroethene	1.0	U	1.0	0.29	ug/L			08/29/21 20:07	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.41	ug/L			08/29/21 20:07	1
1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.39	ug/L			08/29/21 20:07	1
1,2-Dichlorobenzene	1.0	U	1.0	0.79	ug/L			08/29/21 20:07	1
1,2-Dichloroethane	1.0	U	1.0	0.21	ug/L			08/29/21 20:07	1
1,2-Dichloropropane	1.0	U	1.0	0.72	ug/L			08/29/21 20:07	1
1,3-Dichlorobenzene	1.0	U	1.0	0.78	ug/L			08/29/21 20:07	1
1,4-Dichlorobenzene	1.0	U	1.0	0.84	ug/L			08/29/21 20:07	1
2-Butanone (MEK)	10	U	10	1.3	ug/L			08/29/21 20:07	1
2-Hexanone	5.0	U	5.0	1.2	ug/L			08/29/21 20:07	1
4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	2.1	ug/L			08/29/21 20:07	1
Acetone	10	U	10	3.0	ug/L			08/29/21 20:07	1
Benzene	1.0	U	1.0	0.41	ug/L			08/29/21 20:07	1
Bromoform	1.0	U	1.0	0.26	ug/L			08/29/21 20:07	1
Bromomethane	1.0	U	1.0	0.69	ug/L			08/29/21 20:07	1
Carbon disulfide	1.0	U	1.0	0.19	ug/L			08/29/21 20:07	1
Carbon tetrachloride	1.0	U	1.0	0.27	ug/L			08/29/21 20:07	1
Chlorobenzene	1.0	U	1.0	0.75	ug/L			08/29/21 20:07	1
Dibromochloromethane	1.0	U	1.0	0.32	ug/L			08/29/21 20:07	1
Chloroethane	1.0	U	1.0	0.32	ug/L			08/29/21 20:07	1
Chloroform	1.0	U	1.0	0.34	ug/L			08/29/21 20:07	1
Chloromethane	1.0	U	1.0	0.35	ug/L			08/29/21 20:07	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.81	ug/L			08/29/21 20:07	1
Cyclohexane	1.0	U	1.0	0.18	ug/L			08/29/21 20:07	1
Bromodichloromethane	1.0	U	1.0	0.39	ug/L			08/29/21 20:07	1
Dichlorodifluoromethane	1.0	U	1.0	0.68	ug/L			08/29/21 20:07	1
Ethylbenzene	1.0	U	1.0	0.74	ug/L			08/29/21 20:07	1
1,2-Dibromoethane	1.0	U	1.0	0.73	ug/L			08/29/21 20:07	1
Isopropylbenzene	1.0	U	1.0	0.79	ug/L			08/29/21 20:07	1
Methyl acetate	2.5	U	2.5	1.3	ug/L			08/29/21 20:07	1
Methyl tert-butyl ether	1.0	U	1.0	0.16	ug/L			08/29/21 20:07	1
Methylcyclohexane	1.0	U	1.0	0.16	ug/L			08/29/21 20:07	1
Methylene Chloride	1.0	U	1.0	0.44	ug/L			08/29/21 20:07	1
Tetrachloroethene	1.0	U	1.0	0.36	ug/L			08/29/21 20:07	1

Eurofins TestAmerica, Buffalo

Client Sample Results

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

Job ID: 480-188784-1

Client Sample ID: TB-01

Date Collected: 08/24/21 12:00

Date Received: 08/26/21 10:30

Lab Sample ID: 480-188784-24

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Toluene	1.0	U	1.0	0.51	ug/L			08/29/21 20:07	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.90	ug/L			08/29/21 20:07	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.37	ug/L			08/29/21 20:07	1
Trichloroethene	1.0	U	1.0	0.46	ug/L			08/29/21 20:07	1
Trichlorofluoromethane	1.0	U	1.0	0.88	ug/L			08/29/21 20:07	1
Vinyl chloride	1.0	U	1.0	0.90	ug/L			08/29/21 20:07	1
Xylenes, Total	2.0	U	2.0	0.66	ug/L			08/29/21 20:07	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.36	ug/L			08/29/21 20:07	1
Styrene	1.0	U	1.0	0.73	ug/L			08/29/21 20:07	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	106		77 - 120		08/29/21 20:07	1
4-Bromofluorobenzene (Surr)	100		73 - 120		08/29/21 20:07	1
Toluene-d8 (Surr)	99		80 - 120		08/29/21 20:07	1
Dibromofluoromethane (Surr)	113		75 - 123		08/29/21 20:07	1

Client Sample ID: TB-02

Date Collected: 08/24/21 12:00

Date Received: 08/26/21 10:30

Lab Sample ID: 480-188784-25

Matrix: Water

Method: 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			08/29/21 20:30	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.21	ug/L			08/29/21 20:30	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.31	ug/L			08/29/21 20:30	1
1,1,2-Trichloroethane	1.0	U	1.0	0.23	ug/L			08/29/21 20:30	1
1,1-Dichloroethane	1.0	U	1.0	0.38	ug/L			08/29/21 20:30	1
1,1-Dichloroethene	1.0	U	1.0	0.29	ug/L			08/29/21 20:30	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.41	ug/L			08/29/21 20:30	1
1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.39	ug/L			08/29/21 20:30	1
1,2-Dichlorobenzene	1.0	U	1.0	0.79	ug/L			08/29/21 20:30	1
1,2-Dichloroethane	1.0	U	1.0	0.21	ug/L			08/29/21 20:30	1
1,2-Dichloropropane	1.0	U	1.0	0.72	ug/L			08/29/21 20:30	1
1,3-Dichlorobenzene	1.0	U	1.0	0.78	ug/L			08/29/21 20:30	1
1,4-Dichlorobenzene	1.0	U	1.0	0.84	ug/L			08/29/21 20:30	1
2-Butanone (MEK)	10	U	10	1.3	ug/L			08/29/21 20:30	1
2-Hexanone	5.0	U	5.0	1.2	ug/L			08/29/21 20:30	1
4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	2.1	ug/L			08/29/21 20:30	1
Acetone	10	U	10	3.0	ug/L			08/29/21 20:30	1
Benzene	1.0	U	1.0	0.41	ug/L			08/29/21 20:30	1
Bromoform	1.0	U	1.0	0.26	ug/L			08/29/21 20:30	1
Bromomethane	1.0	U	1.0	0.69	ug/L			08/29/21 20:30	1
Carbon disulfide	1.0	U	1.0	0.19	ug/L			08/29/21 20:30	1
Carbon tetrachloride	1.0	U	1.0	0.27	ug/L			08/29/21 20:30	1
Chlorobenzene	1.0	U	1.0	0.75	ug/L			08/29/21 20:30	1
Dibromochloromethane	1.0	U	1.0	0.32	ug/L			08/29/21 20:30	1
Chloroethane	1.0	U	1.0	0.32	ug/L			08/29/21 20:30	1
Chloroform	1.0	U	1.0	0.34	ug/L			08/29/21 20:30	1
Chloromethane	1.0	U	1.0	0.35	ug/L			08/29/21 20:30	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.81	ug/L			08/29/21 20:30	1

Eurofins TestAmerica, Buffalo

Client Sample Results

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

Job ID: 480-188784-1

Client Sample ID: TB-02

Lab Sample ID: 480-188784-25

Date Collected: 08/24/21 12:00

Matrix: Water

Date Received: 08/26/21 10:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyclohexane	1.0	U	1.0	0.18	ug/L			08/29/21 20:30	1
Bromodichloromethane	1.0	U	1.0	0.39	ug/L			08/29/21 20:30	1
Dichlorodifluoromethane	1.0	U	1.0	0.68	ug/L			08/29/21 20:30	1
Ethylbenzene	1.0	U	1.0	0.74	ug/L			08/29/21 20:30	1
1,2-Dibromoethane	1.0	U	1.0	0.73	ug/L			08/29/21 20:30	1
Isopropylbenzene	1.0	U	1.0	0.79	ug/L			08/29/21 20:30	1
Methyl acetate	2.5	U	2.5	1.3	ug/L			08/29/21 20:30	1
Methyl tert-butyl ether	1.0	U	1.0	0.16	ug/L			08/29/21 20:30	1
Methylcyclohexane	1.0	U	1.0	0.16	ug/L			08/29/21 20:30	1
Methylene Chloride	1.0	U	1.0	0.44	ug/L			08/29/21 20:30	1
Tetrachloroethene	1.0	U	1.0	0.36	ug/L			08/29/21 20:30	1
Toluene	1.0	U	1.0	0.51	ug/L			08/29/21 20:30	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.90	ug/L			08/29/21 20:30	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.37	ug/L			08/29/21 20:30	1
Trichloroethene	1.0	U	1.0	0.46	ug/L			08/29/21 20:30	1
Trichlorofluoromethane	1.0	U	1.0	0.88	ug/L			08/29/21 20:30	1
Vinyl chloride	1.0	U	1.0	0.90	ug/L			08/29/21 20:30	1
Xylenes, Total	2.0	U	2.0	0.66	ug/L			08/29/21 20:30	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.36	ug/L			08/29/21 20:30	1
Styrene	1.0	U	1.0	0.73	ug/L			08/29/21 20:30	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	106		77 - 120		08/29/21 20:30	1
4-Bromofluorobenzene (Surr)	105		73 - 120		08/29/21 20:30	1
Toluene-d8 (Surr)	101		80 - 120		08/29/21 20:30	1
Dibromofluoromethane (Surr)	113		75 - 123		08/29/21 20:30	1

Surrogate Summary

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

Job ID: 480-188784-1

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

Matrix: Water

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)			
		TOL (80-120)	DCA (77-120)	BFB (73-120)	DBFM (75-123)
480-188784-1	MW-11R	96	109	97	107
480-188784-2	LARW11_2	99	107	100	111
480-188784-3	LARW11_3	99	104	100	107
480-188784-4	URS-1R	98	104	96	103
480-188784-5	URS-7S	98	106	97	104
480-188784-6	URS-8S	96	105	96	102
480-188784-6 MS	URS-8S	99	108	100	106
480-188784-6 MSD	URS-8S	96	104	95	105
480-188784-7	URS-9S	98	109	94	111
480-188784-8	DUP-02	99	103	100	101
480-188784-9	EB-02	98	106	98	104
480-188784-10	LAOW11_1	98	97	102	95
480-188784-11	LAOW11_6	100	101	100	99
480-188784-12	LAOW11_9	98	100	99	98
480-188784-13	MW-12	98	101	97	104
480-188784-14	MW-14	100	106	98	104
480-188784-15	MW-15	98	104	99	105
480-188784-16	MW-19	100	103	102	104
480-188784-17	MW-20	100	101	100	102
480-188784-17 MS	MW-20	101	108	103	108
480-188784-17 MSD	MW-20	101	107	100	104
480-188784-18	URS-2S	100	100	99	105
480-188784-19	URS-12	103	106	102	120
480-188784-20	URS-13	102	107	98	112
480-188784-21	URS-14	101	108	102	111
480-188784-22	DUP-01	102	105	102	104
480-188784-23	EB-01	98	101	100	104
480-188784-24	TB-01	99	106	100	113
480-188784-25	TB-02	101	106	105	113
LCS 480-594489/5	Lab Control Sample	100	102	101	101
LCS 480-594718/5	Lab Control Sample	99	104	103	104
LCS 480-594921/5	Lab Control Sample	95	100	99	99
MB 480-594489/7	Method Blank	102	102	103	101
MB 480-594718/7	Method Blank	98	102	99	105
MB 480-594921/7	Method Blank	101	99	100	100

Surrogate Legend

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

Method: RSK-175 - Dissolved Gases (GC)

Matrix: Water

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)	
		TFE1 (60-140)	
480-188784-1	MW-11R	108	
480-188784-1	MW-11R	109	

Eurofins TestAmerica, Buffalo

Surrogate Summary

Client: EHS Support, LLC

Job ID: 480-188784-1

Project/Site: Ashland Lee Ave. Railroad - Norwich, NY

Method: RSK-175 - Dissolved Gases (GC) (Continued)

Matrix: Water

Prep Type: Total/NA

Percent Surrogate Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	TFE1 (60-140)
480-188784-2	LARW11_2	108
480-188784-3	LARW11_3	108
480-188784-4	URS-1R	108
480-188784-5	URS-7S	107
480-188784-6	URS-8S	107
480-188784-6 MS	URS-8S	103
480-188784-6 MSD	URS-8S	102
480-188784-7	URS-9S	110
480-188784-8	DUP-02	107
480-188784-9	EB-02	109
LCS 240-501607/4	Lab Control Sample	107
LCS 240-501607/7	Lab Control Sample	103
LCS 240-501767/4	Lab Control Sample	105
LCS 240-501767/5	Lab Control Sample	103
MB 240-501607/3	Method Blank	108
MB 240-501767/3	Method Blank	108

Surrogate Legend

TFE = 1,1,1-Trifluoroethane

QC Sample Results

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

Job ID: 480-188784-1

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

Lab Sample ID: MB 480-594489/7

Matrix: Water

Analysis Batch: 594489

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			08/29/21 12:21	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.21	ug/L			08/29/21 12:21	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.31	ug/L			08/29/21 12:21	1
1,1,2-Trichloroethane	1.0	U	1.0	0.23	ug/L			08/29/21 12:21	1
1,1-Dichloroethane	1.0	U	1.0	0.38	ug/L			08/29/21 12:21	1
1,1-Dichloroethene	1.0	U	1.0	0.29	ug/L			08/29/21 12:21	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.41	ug/L			08/29/21 12:21	1
1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.39	ug/L			08/29/21 12:21	1
1,2-Dichlorobenzene	1.0	U	1.0	0.79	ug/L			08/29/21 12:21	1
1,2-Dichloroethane	1.0	U	1.0	0.21	ug/L			08/29/21 12:21	1
1,2-Dichloropropane	1.0	U	1.0	0.72	ug/L			08/29/21 12:21	1
1,3-Dichlorobenzene	1.0	U	1.0	0.78	ug/L			08/29/21 12:21	1
1,4-Dichlorobenzene	1.0	U	1.0	0.84	ug/L			08/29/21 12:21	1
2-Butanone (MEK)	10	U	10	1.3	ug/L			08/29/21 12:21	1
2-Hexanone	5.0	U	5.0	1.2	ug/L			08/29/21 12:21	1
4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	2.1	ug/L			08/29/21 12:21	1
Acetone	10	U	10	3.0	ug/L			08/29/21 12:21	1
Benzene	1.0	U	1.0	0.41	ug/L			08/29/21 12:21	1
Bromoform	1.0	U	1.0	0.26	ug/L			08/29/21 12:21	1
Bromomethane	1.0	U	1.0	0.69	ug/L			08/29/21 12:21	1
Carbon disulfide	1.0	U	1.0	0.19	ug/L			08/29/21 12:21	1
Carbon tetrachloride	1.0	U	1.0	0.27	ug/L			08/29/21 12:21	1
Chlorobenzene	1.0	U	1.0	0.75	ug/L			08/29/21 12:21	1
Dibromochloromethane	1.0	U	1.0	0.32	ug/L			08/29/21 12:21	1
Chloroethane	1.0	U	1.0	0.32	ug/L			08/29/21 12:21	1
Chloroform	1.0	U	1.0	0.34	ug/L			08/29/21 12:21	1
Chloromethane	1.0	U	1.0	0.35	ug/L			08/29/21 12:21	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.81	ug/L			08/29/21 12:21	1
Cyclohexane	1.0	U	1.0	0.18	ug/L			08/29/21 12:21	1
Bromodichloromethane	1.0	U	1.0	0.39	ug/L			08/29/21 12:21	1
Dichlorodifluoromethane	1.0	U	1.0	0.68	ug/L			08/29/21 12:21	1
Ethylbenzene	1.0	U	1.0	0.74	ug/L			08/29/21 12:21	1
1,2-Dibromoethane	1.0	U	1.0	0.73	ug/L			08/29/21 12:21	1
Isopropylbenzene	1.0	U	1.0	0.79	ug/L			08/29/21 12:21	1
Methyl acetate	2.5	U	2.5	1.3	ug/L			08/29/21 12:21	1
Methyl tert-butyl ether	1.0	U	1.0	0.16	ug/L			08/29/21 12:21	1
Methylcyclohexane	1.0	U	1.0	0.16	ug/L			08/29/21 12:21	1
Methylene Chloride	1.0	U	1.0	0.44	ug/L			08/29/21 12:21	1
Tetrachloroethene	1.0	U	1.0	0.36	ug/L			08/29/21 12:21	1
Toluene	1.0	U	1.0	0.51	ug/L			08/29/21 12:21	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.90	ug/L			08/29/21 12:21	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.37	ug/L			08/29/21 12:21	1
Trichloroethene	1.0	U	1.0	0.46	ug/L			08/29/21 12:21	1
Trichlorofluoromethane	1.0	U	1.0	0.88	ug/L			08/29/21 12:21	1
Vinyl chloride	1.0	U	1.0	0.90	ug/L			08/29/21 12:21	1
Xylenes, Total	2.0	U	2.0	0.66	ug/L			08/29/21 12:21	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.36	ug/L			08/29/21 12:21	1
Styrene	1.0	U	1.0	0.73	ug/L			08/29/21 12:21	1

Eurofins TestAmerica, Buffalo

QC Sample Results

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

Job ID: 480-188784-1

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

Lab Sample ID: MB 480-594489/7

Matrix: Water

Analysis Batch: 594489

Client Sample ID: Method Blank

Prep Type: Total/NA

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	102		80 - 120		08/29/21 12:21	1
1,2-Dichloroethane-d4 (Surr)	102		77 - 120		08/29/21 12:21	1
4-Bromofluorobenzene (Surr)	103		73 - 120		08/29/21 12:21	1
Dibromofluoromethane (Surr)	101		75 - 123		08/29/21 12:21	1

Lab Sample ID: LCS 480-594489/5

Matrix: Water

Analysis Batch: 594489

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	24.4		ug/L		97	73 - 126
1,1,2,2-Tetrachloroethane	25.0	24.9		ug/L		100	76 - 120
1,1,2-Trichloro-1,2,2-trifluoroethane	25.0	21.7		ug/L		87	61 - 148
1,1,2-Trichloroethane	25.0	24.0		ug/L		96	76 - 122
1,1-Dichloroethane	25.0	23.8		ug/L		95	77 - 120
1,1-Dichloroethene	25.0	21.6		ug/L		86	66 - 127
1,2,4-Trichlorobenzene	25.0	24.2		ug/L		97	79 - 122
1,2-Dibromo-3-Chloropropane	25.0	22.5		ug/L		90	56 - 134
1,2-Dichlorobenzene	25.0	24.2		ug/L		97	80 - 124
1,2-Dichloroethane	25.0	24.7		ug/L		99	75 - 120
1,2-Dichloropropane	25.0	24.9		ug/L		100	76 - 120
1,3-Dichlorobenzene	25.0	25.0		ug/L		100	77 - 120
1,4-Dichlorobenzene	25.0	24.4		ug/L		98	80 - 120
2-Butanone (MEK)	125	133		ug/L		106	57 - 140
2-Hexanone	125	121		ug/L		97	65 - 127
4-Methyl-2-pentanone (MIBK)	125	116		ug/L		93	71 - 125
Acetone	125	145		ug/L		116	56 - 142
Benzene	25.0	24.4		ug/L		98	71 - 124
Bromoform	25.0	25.0		ug/L		100	61 - 132
Bromomethane	25.0	21.5		ug/L		86	55 - 144
Carbon disulfide	25.0	22.8		ug/L		91	59 - 134
Carbon tetrachloride	25.0	23.6		ug/L		94	72 - 134
Chlorobenzene	25.0	24.3		ug/L		97	80 - 120
Dibromochloromethane	25.0	25.5		ug/L		102	75 - 125
Chloroethane	25.0	20.7		ug/L		83	69 - 136
Chloroform	25.0	22.8		ug/L		91	73 - 127
Chloromethane	25.0	21.5		ug/L		86	68 - 124
cis-1,2-Dichloroethene	25.0	22.9		ug/L		92	74 - 124
Cyclohexane	25.0	21.8		ug/L		87	59 - 135
Bromodichloromethane	25.0	24.9		ug/L		100	80 - 122
Dichlorodifluoromethane	25.0	17.2		ug/L		69	59 - 135
Ethylbenzene	25.0	23.4		ug/L		94	77 - 123
1,2-Dibromoethane	25.0	25.4		ug/L		101	77 - 120
Isopropylbenzene	25.0	24.0		ug/L		96	77 - 122
Methyl acetate	50.0	49.2		ug/L		98	74 - 133
Methyl tert-butyl ether	25.0	24.1		ug/L		96	77 - 120
Methylcyclohexane	25.0	21.4		ug/L		86	68 - 134
Methylene Chloride	25.0	23.6		ug/L		94	75 - 124

Eurofins TestAmerica, Buffalo

QC Sample Results

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

Job ID: 480-188784-1

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

Lab Sample ID: LCS 480-594489/5

Matrix: Water

Analysis Batch: 594489

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Tetrachloroethene	25.0	24.6		ug/L		98	74 - 122
Toluene	25.0	23.7		ug/L		95	80 - 122
trans-1,2-Dichloroethene	25.0	23.1		ug/L		92	73 - 127
trans-1,3-Dichloropropene	25.0	25.2		ug/L		101	80 - 120
Trichloroethene	25.0	25.6		ug/L		102	74 - 123
Trichlorofluoromethane	25.0	21.6		ug/L		86	62 - 150
Vinyl chloride	25.0	21.5		ug/L		86	65 - 133
cis-1,3-Dichloropropene	25.0	26.9		ug/L		108	74 - 124
Styrene	25.0	24.4		ug/L		98	80 - 120

Surrogate	LCS %Recovery	LCS Qualifier	Limits
Toluene-d8 (Surr)	100		80 - 120
1,2-Dichloroethane-d4 (Surr)	102		77 - 120
4-Bromofluorobenzene (Surr)	101		73 - 120
Dibromofluoromethane (Surr)	101		75 - 123

Lab Sample ID: 480-188784-17 MS

Matrix: Water

Analysis Batch: 594489

Client Sample ID: MW-20

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 F1	25.0	35.0	F1	ug/L		140	73 - 126
1,1,2,2-Tetrachloroethane	1.0	U	25.0	28.8		ug/L		115	76 - 120
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	25.0	32.0		ug/L		128	61 - 148
1,1,2-Trichloroethane	1.0	U	25.0	28.1		ug/L		112	76 - 122
1,1-Dichloroethane	1.0	U F1	25.0	32.8	F1	ug/L		131	77 - 120
1,1-Dichloroethene	1.0	U F1	25.0	33.5	F1	ug/L		134	66 - 127
1,2,4-Trichlorobenzene	1.0	U F1	25.0	30.1		ug/L		120	79 - 122
1,2-Dibromo-3-Chloropropane	1.0	U	25.0	23.8		ug/L		95	56 - 134
1,2-Dichlorobenzene	1.0	U	25.0	30.3		ug/L		121	80 - 124
1,2-Dichloroethane	1.0	U	25.0	29.6		ug/L		118	75 - 120
1,2-Dichloropropane	1.0	U F1	25.0	30.4	F1	ug/L		122	76 - 120
1,3-Dichlorobenzene	1.0	U F1	25.0	30.5	F1	ug/L		122	77 - 120
1,4-Dichlorobenzene	1.0	U	25.0	29.6		ug/L		118	78 - 124
2-Butanone (MEK)	10	U	125	136		ug/L		109	57 - 140
2-Hexanone	5.0	U	125	134		ug/L		107	65 - 127
4-Methyl-2-pentanone (MIBK)	5.0	U	125	137		ug/L		109	71 - 125
Acetone	10	U	125	161		ug/L		129	56 - 142
Benzene	1.0	U F1	25.0	31.7	F1	ug/L		127	71 - 124
Bromoform	1.0	U	25.0	28.9		ug/L		116	61 - 132
Bromomethane	1.0	U	25.0	32.1		ug/L		128	55 - 144
Carbon disulfide	1.0	U	25.0	33.4		ug/L		134	59 - 134
Carbon tetrachloride	1.0	U F1	25.0	33.9	F1	ug/L		136	72 - 134
Chlorobenzene	1.0	U F1	25.0	31.1	F1	ug/L		124	80 - 120
Dibromochloromethane	1.0	U	25.0	30.9		ug/L		124	75 - 125
Chloroethane	1.0	U	25.0	28.3		ug/L		113	69 - 136
Chloroform	1.0	U	25.0	31.3		ug/L		125	73 - 127
Chloromethane	1.0	U	25.0	30.4		ug/L		122	68 - 124

Eurofins TestAmerica, Buffalo

QC Sample Results

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

Job ID: 480-188784-1

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

Lab Sample ID: 480-188784-17 MS

Matrix: Water

Analysis Batch: 594489

Client Sample ID: MW-20

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
cis-1,2-Dichloroethene	1.0	U F1	25.0	31.8	F1	ug/L		127	74 - 124
Cyclohexane	1.0	U	25.0	32.3		ug/L		129	59 - 135
Bromodichloromethane	1.0	U F1	25.0	30.4		ug/L		122	80 - 122
Dichlorodifluoromethane	1.0	U	25.0	24.8		ug/L		99	59 - 135
Ethylbenzene	1.0	U F1	25.0	31.0	F1	ug/L		124	77 - 123
1,2-Dibromoethane	1.0	U	25.0	29.9		ug/L		119	77 - 120
Isopropylbenzene	1.0	U F1	25.0	31.3	F1	ug/L		125	77 - 122
Methyl acetate	2.5	U	50.0	54.2		ug/L		108	74 - 133
Methyl tert-butyl ether	1.0	U	25.0	29.9		ug/L		120	77 - 120
Methylcyclohexane	1.0	U	25.0	31.0		ug/L		124	68 - 134
Methylene Chloride	1.0	U F1	25.0	33.3	F1	ug/L		133	75 - 124
Tetrachloroethene	1.0	U F1	25.0	33.8	F1	ug/L		135	74 - 122
Toluene	1.0	U F1	25.0	31.5	F1	ug/L		126	80 - 122
trans-1,2-Dichloroethene	1.0	U F1	25.0	34.2	F1	ug/L		137	73 - 127
trans-1,3-Dichloropropene	1.0	U	25.0	27.7		ug/L		111	80 - 120
Trichloroethene	1.1	F1	25.0	34.8	F1	ug/L		135	74 - 123
Trichlorofluoromethane	1.0	U	25.0	32.8		ug/L		131	62 - 150
Vinyl chloride	1.0	U	25.0	32.8		ug/L		131	65 - 133
cis-1,3-Dichloropropene	1.0	U	25.0	30.3		ug/L		121	74 - 124
Styrene	1.0	U F1	25.0	31.2	F1	ug/L		125	80 - 120

Surrogate	MS %Recovery	MS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	108		77 - 120
4-Bromofluorobenzene (Surr)	103		73 - 120
Toluene-d8 (Surr)	101		80 - 120
Dibromofluoromethane (Surr)	108		75 - 123

Lab Sample ID: 480-188784-17 MSD

Matrix: Water

Analysis Batch: 594489

Client Sample ID: MW-20

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 F1	25.0	34.5	F1	ug/L		138	73 - 126	1	15
1,1,2,2-Tetrachloroethane	1.0	U	25.0	28.7		ug/L		115	76 - 120	0	15
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	25.0	32.7		ug/L		131	61 - 148	2	20
1,1,2-Trichloroethane	1.0	U	25.0	29.0		ug/L		116	76 - 122	3	15
1,1-Dichloroethane	1.0	U F1	25.0	32.1	F1	ug/L		128	77 - 120	2	20
1,1-Dichloroethene	1.0	U F1	25.0	33.0	F1	ug/L		132	66 - 127	1	16
1,2,4-Trichlorobenzene	1.0	U F1	25.0	30.9	F1	ug/L		124	79 - 122	3	20
1,2-Dibromo-3-Chloropropane	1.0	U	25.0	25.1		ug/L		100	56 - 134	5	15
1,2-Dichlorobenzene	1.0	U	25.0	30.1		ug/L		120	80 - 124	1	20
1,2-Dichloroethane	1.0	U	25.0	29.8		ug/L		119	75 - 120	1	20
1,2-Dichloropropane	1.0	U F1	25.0	30.9	F1	ug/L		123	76 - 120	1	20
1,3-Dichlorobenzene	1.0	U F1	25.0	31.8	F1	ug/L		127	77 - 120	4	20
1,4-Dichlorobenzene	1.0	U	25.0	30.2		ug/L		121	78 - 124	2	20
2-Butanone (MEK)	10	U	125	143		ug/L		114	57 - 140	4	20
2-Hexanone	5.0	U	125	137		ug/L		110	65 - 127	2	15
4-Methyl-2-pentanone (MIBK)	5.0	U	125	138		ug/L		110	71 - 125	1	35

Eurofins TestAmerica, Buffalo

QC Sample Results

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

Job ID: 480-188784-1

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

Lab Sample ID: 480-188784-17 MSD

Matrix: Water

Analysis Batch: 594489

Client Sample ID: MW-20

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Acetone	10	U	125	157		ug/L		126	56 - 142	2	15
Benzene	1.0	U F1	25.0	31.7	F1	ug/L		127	71 - 124	0	13
Bromoform	1.0	U	25.0	27.2		ug/L		109	61 - 132	6	15
Bromomethane	1.0	U	25.0	29.3		ug/L		117	55 - 144	9	15
Carbon disulfide	1.0	U	25.0	31.4		ug/L		126	59 - 134	6	15
Carbon tetrachloride	1.0	U F1	25.0	33.5		ug/L		134	72 - 134	1	15
Chlorobenzene	1.0	U F1	25.0	31.1	F1	ug/L		124	80 - 120	0	25
Dibromochloromethane	1.0	U	25.0	30.4		ug/L		122	75 - 125	2	15
Chloroethane	1.0	U	25.0	27.2		ug/L		109	69 - 136	4	15
Chloroform	1.0	U	25.0	30.6		ug/L		122	73 - 127	2	20
Chloromethane	1.0	U	25.0	28.4		ug/L		114	68 - 124	7	15
cis-1,2-Dichloroethene	1.0	U F1	25.0	31.5	F1	ug/L		126	74 - 124	1	15
Cyclohexane	1.0	U	25.0	31.9		ug/L		127	59 - 135	1	20
Bromodichloromethane	1.0	U F1	25.0	31.1	F1	ug/L		125	80 - 122	2	15
Dichlorodifluoromethane	1.0	U	25.0	24.8		ug/L		99	59 - 135	0	20
Ethylbenzene	1.0	U F1	25.0	30.8		ug/L		123	77 - 123	1	15
1,2-Dibromoethane	1.0	U	25.0	29.6		ug/L		118	77 - 120	1	15
Isopropylbenzene	1.0	U F1	25.0	31.6	F1	ug/L		127	77 - 122	1	20
Methyl acetate	2.5	U	50.0	54.1		ug/L		108	74 - 133	0	20
Methyl tert-butyl ether	1.0	U	25.0	29.0		ug/L		116	77 - 120	3	37
Methylcyclohexane	1.0	U	25.0	30.0		ug/L		120	68 - 134	3	20
Methylene Chloride	1.0	U F1	25.0	31.5	F1	ug/L		126	75 - 124	5	15
Tetrachloroethene	1.0	U F1	25.0	33.0	F1	ug/L		132	74 - 122	2	20
Toluene	1.0	U F1	25.0	30.9	F1	ug/L		124	80 - 122	2	15
trans-1,2-Dichloroethene	1.0	U F1	25.0	33.4	F1	ug/L		134	73 - 127	2	20
trans-1,3-Dichloropropene	1.0	U	25.0	28.3		ug/L		113	80 - 120	2	15
Trichloroethene	1.1	F1	25.0	34.9	F1	ug/L		135	74 - 123	0	16
Trichlorofluoromethane	1.0	U	25.0	32.1		ug/L		129	62 - 150	2	20
Vinyl chloride	1.0	U	25.0	31.7		ug/L		127	65 - 133	3	15
cis-1,3-Dichloropropene	1.0	U	25.0	30.5		ug/L		122	74 - 124	1	15
Styrene	1.0	U F1	25.0	30.5	F1	ug/L		122	80 - 120	2	20

Surrogate	MSD %Recovery	MSD Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	107		77 - 120
4-Bromofluorobenzene (Surr)	100		73 - 120
Toluene-d8 (Surr)	101		80 - 120
Dibromofluoromethane (Surr)	104		75 - 123

Lab Sample ID: MB 480-594718/7

Matrix: Water

Analysis Batch: 594718

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			08/31/21 13:07	1
1,1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.21	ug/L			08/31/21 13:07	1
1,1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.31	ug/L			08/31/21 13:07	1
1,1,2-Trichloroethane	1.0	U	1.0	0.23	ug/L			08/31/21 13:07	1
1,1-Dichloroethane	1.0	U	1.0	0.38	ug/L			08/31/21 13:07	1

Eurofins TestAmerica, Buffalo

QC Sample Results

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

Job ID: 480-188784-1

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

Lab Sample ID: MB 480-594718/7

Matrix: Water

Analysis Batch: 594718

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethene	1.0	U	1.0	0.29	ug/L			08/31/21 13:07	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.41	ug/L			08/31/21 13:07	1
1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.39	ug/L			08/31/21 13:07	1
1,2-Dichlorobenzene	1.0	U	1.0	0.79	ug/L			08/31/21 13:07	1
1,2-Dichloroethane	1.0	U	1.0	0.21	ug/L			08/31/21 13:07	1
1,2-Dichloropropane	1.0	U	1.0	0.72	ug/L			08/31/21 13:07	1
1,3-Dichlorobenzene	1.0	U	1.0	0.78	ug/L			08/31/21 13:07	1
1,4-Dichlorobenzene	1.0	U	1.0	0.84	ug/L			08/31/21 13:07	1
2-Butanone (MEK)	10	U	10	1.3	ug/L			08/31/21 13:07	1
2-Hexanone	5.0	U	5.0	1.2	ug/L			08/31/21 13:07	1
4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	2.1	ug/L			08/31/21 13:07	1
Acetone	10	U	10	3.0	ug/L			08/31/21 13:07	1
Benzene	1.0	U	1.0	0.41	ug/L			08/31/21 13:07	1
Bromoform	1.0	U	1.0	0.26	ug/L			08/31/21 13:07	1
Bromomethane	1.0	U	1.0	0.69	ug/L			08/31/21 13:07	1
Carbon disulfide	1.0	U	1.0	0.19	ug/L			08/31/21 13:07	1
Carbon tetrachloride	1.0	U	1.0	0.27	ug/L			08/31/21 13:07	1
Chlorobenzene	1.0	U	1.0	0.75	ug/L			08/31/21 13:07	1
Dibromochloromethane	1.0	U	1.0	0.32	ug/L			08/31/21 13:07	1
Chloroethane	1.0	U	1.0	0.32	ug/L			08/31/21 13:07	1
Chloroform	1.0	U	1.0	0.34	ug/L			08/31/21 13:07	1
Chloromethane	1.0	U	1.0	0.35	ug/L			08/31/21 13:07	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.81	ug/L			08/31/21 13:07	1
Cyclohexane	1.0	U	1.0	0.18	ug/L			08/31/21 13:07	1
Bromodichloromethane	1.0	U	1.0	0.39	ug/L			08/31/21 13:07	1
Dichlorodifluoromethane	1.0	U	1.0	0.68	ug/L			08/31/21 13:07	1
Ethylbenzene	1.0	U	1.0	0.74	ug/L			08/31/21 13:07	1
1,2-Dibromoethane	1.0	U	1.0	0.73	ug/L			08/31/21 13:07	1
Isopropylbenzene	1.0	U	1.0	0.79	ug/L			08/31/21 13:07	1
Methyl acetate	2.5	U	2.5	1.3	ug/L			08/31/21 13:07	1
Methyl tert-butyl ether	1.0	U	1.0	0.16	ug/L			08/31/21 13:07	1
Methylcyclohexane	1.0	U	1.0	0.16	ug/L			08/31/21 13:07	1
Methylene Chloride	1.0	U	1.0	0.44	ug/L			08/31/21 13:07	1
Tetrachloroethene	1.0	U	1.0	0.36	ug/L			08/31/21 13:07	1
Toluene	1.0	U	1.0	0.51	ug/L			08/31/21 13:07	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.90	ug/L			08/31/21 13:07	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.37	ug/L			08/31/21 13:07	1
Trichloroethene	1.0	U	1.0	0.46	ug/L			08/31/21 13:07	1
Trichlorofluoromethane	1.0	U	1.0	0.88	ug/L			08/31/21 13:07	1
Vinyl chloride	1.0	U	1.0	0.90	ug/L			08/31/21 13:07	1
Xylenes, Total	2.0	U	2.0	0.66	ug/L			08/31/21 13:07	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.36	ug/L			08/31/21 13:07	1
Styrene	1.0	U	1.0	0.73	ug/L			08/31/21 13:07	1

Tentatively Identified Compound	MB Est. Result	MB Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Tentatively Identified Compound	None		ug/L					08/31/21 13:07	1

Eurofins TestAmerica, Buffalo

QC Sample Results

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

Job ID: 480-188784-1

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

Lab Sample ID: MB 480-594718/7

Matrix: Water

Analysis Batch: 594718

Client Sample ID: Method Blank

Prep Type: Total/NA

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	98		80 - 120		08/31/21 13:07	1
1,2-Dichloroethane-d4 (Surr)	102		77 - 120		08/31/21 13:07	1
4-Bromofluorobenzene (Surr)	99		73 - 120		08/31/21 13:07	1
Dibromofluoromethane (Surr)	105		75 - 123		08/31/21 13:07	1

Lab Sample ID: LCS 480-594718/5

Matrix: Water

Analysis Batch: 594718

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	26.9		ug/L		107	73 - 126
1,1,2,2-Tetrachloroethane	25.0	24.2		ug/L		97	76 - 120
1,1,2-Trichloro-1,2,2-trifluoroethane	25.0	26.6		ug/L		107	61 - 148
1,1,2-Trichloroethane	25.0	24.1		ug/L		96	76 - 122
1,1-Dichloroethane	25.0	25.9		ug/L		103	77 - 120
1,1-Dichloroethene	25.0	26.3		ug/L		105	66 - 127
1,2,4-Trichlorobenzene	25.0	25.4		ug/L		102	79 - 122
1,2-Dibromo-3-Chloropropane	25.0	19.4		ug/L		78	56 - 134
1,2-Dichlorobenzene	25.0	25.3		ug/L		101	80 - 124
1,2-Dichloroethane	25.0	25.4		ug/L		102	75 - 120
1,2-Dichloropropane	25.0	25.5		ug/L		102	76 - 120
1,3-Dichlorobenzene	25.0	25.9		ug/L		104	77 - 120
1,4-Dichlorobenzene	25.0	25.2		ug/L		101	80 - 120
2-Butanone (MEK)	125	130		ug/L		104	57 - 140
2-Hexanone	125	123		ug/L		99	65 - 127
4-Methyl-2-pentanone (MIBK)	125	115		ug/L		92	71 - 125
Acetone	125	159		ug/L		127	56 - 142
Benzene	25.0	25.8		ug/L		103	71 - 124
Bromoform	25.0	24.3		ug/L		97	61 - 132
Bromomethane	25.0	21.9		ug/L		88	55 - 144
Carbon disulfide	25.0	26.5		ug/L		106	59 - 134
Carbon tetrachloride	25.0	27.8		ug/L		111	72 - 134
Chlorobenzene	25.0	26.6		ug/L		107	80 - 120
Dibromochloromethane	25.0	26.2		ug/L		105	75 - 125
Chloroethane	25.0	21.1		ug/L		84	69 - 136
Chloroform	25.0	24.9		ug/L		100	73 - 127
Chloromethane	25.0	22.4		ug/L		90	68 - 124
cis-1,2-Dichloroethene	25.0	25.4		ug/L		102	74 - 124
Cyclohexane	25.0	26.2		ug/L		105	59 - 135
Bromodichloromethane	25.0	26.2		ug/L		105	80 - 122
Dichlorodifluoromethane	25.0	23.0		ug/L		92	59 - 135
Ethylbenzene	25.0	25.9		ug/L		104	77 - 123
1,2-Dibromoethane	25.0	26.8		ug/L		107	77 - 120
Isopropylbenzene	25.0	25.6		ug/L		102	77 - 122
Methyl acetate	50.0	47.8		ug/L		96	74 - 133
Methyl tert-butyl ether	25.0	24.7		ug/L		99	77 - 120
Methylcyclohexane	25.0	26.9		ug/L		108	68 - 134
Methylene Chloride	25.0	26.5		ug/L		106	75 - 124

Eurofins TestAmerica, Buffalo

QC Sample Results

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

Job ID: 480-188784-1

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

Lab Sample ID: LCS 480-594718/5

Matrix: Water

Analysis Batch: 594718

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Tetrachloroethene	25.0	26.3		ug/L		105	74 - 122
Toluene	25.0	25.0		ug/L		100	80 - 122
trans-1,2-Dichloroethene	25.0	25.9		ug/L		104	73 - 127
trans-1,3-Dichloropropene	25.0	25.4		ug/L		102	80 - 120
Trichloroethene	25.0	26.3		ug/L		105	74 - 123
Trichlorofluoromethane	25.0	25.6		ug/L		103	62 - 150
Vinyl chloride	25.0	23.8		ug/L		95	65 - 133
cis-1,3-Dichloropropene	25.0	27.4		ug/L		109	74 - 124
Styrene	25.0	25.6		ug/L		102	80 - 120

Surrogate	LCS %Recovery	LCS Qualifier	Limits
Toluene-d8 (Surr)	99		80 - 120
1,2-Dichloroethane-d4 (Surr)	104		77 - 120
4-Bromofluorobenzene (Surr)	103		73 - 120
Dibromofluoromethane (Surr)	104		75 - 123

Lab Sample ID: 480-188784-6 MS

Matrix: Water

Analysis Batch: 594718

Client Sample ID: URS-8S

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 F2	25.0	25.9		ug/L		104	73 - 126
1,1,2,2-Tetrachloroethane	1.0	U	25.0	26.0		ug/L		104	76 - 120
1,1,2-Trichloroethane	1.0	U	25.0	23.3		ug/L		93	76 - 122
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	25.0	24.4		ug/L		98	61 - 148
1,1-Dichloroethane	1.0	U	25.0	24.8		ug/L		99	77 - 120
1,1-Dichloroethene	1.0	U F2	25.0	23.4		ug/L		93	66 - 127
1,2,4-Trichlorobenzene	1.0	U	25.0	24.7		ug/L		99	79 - 122
1,2-Dibromo-3-Chloropropane	1.0	U	25.0	23.9		ug/L		95	56 - 134
1,2-Dichlorobenzene	1.0	U	25.0	24.5		ug/L		98	80 - 124
1,2-Dichloroethane	1.0	U	25.0	24.6		ug/L		98	75 - 120
1,2-Dichloropropane	1.0	U	25.0	24.6		ug/L		98	76 - 120
1,3-Dichlorobenzene	1.0	U	25.0	24.6		ug/L		98	77 - 120
1,4-Dichlorobenzene	1.0	U	25.0	24.7		ug/L		99	78 - 124
2-Butanone (MEK)	10	U	125	142		ug/L		114	57 - 140
2-Hexanone	5.0	U	125	132		ug/L		106	65 - 127
4-Methyl-2-pentanone (MIBK)	5.0	U	125	126		ug/L		101	71 - 125
Acetone	10	U	125	154		ug/L		124	56 - 142
Benzene	1.0	U	25.0	24.5		ug/L		98	71 - 124
Bromodichloromethane	1.0	U	25.0	24.3		ug/L		97	80 - 122
Bromoform	1.0	U	25.0	24.1		ug/L		96	61 - 132
Bromomethane	1.0	U F2	25.0	19.0		ug/L		76	55 - 144
Carbon disulfide	1.0	U F2	25.0	22.6		ug/L		90	59 - 134
Carbon tetrachloride	1.0	U F2	25.0	25.6		ug/L		102	72 - 134
Chlorobenzene	1.0	U	25.0	24.2		ug/L		97	80 - 120
Dibromochloromethane	1.0	U	25.0	25.0		ug/L		100	75 - 125
Chloroethane	1.0	U F2	25.0	18.5		ug/L		74	69 - 136
Chloroform	1.0	U	25.0	23.5		ug/L		94	73 - 127

Eurofins TestAmerica, Buffalo

QC Sample Results

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

Job ID: 480-188784-1

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

Lab Sample ID: 480-188784-6 MS

Matrix: Water

Analysis Batch: 594718

Client Sample ID: URS-8S

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloromethane	1.0	U F2	25.0	21.0		ug/L		84	68 - 124
cis-1,2-Dichloroethene	3.7		25.0	27.4		ug/L		95	74 - 124
cis-1,3-Dichloropropene	1.0	U	25.0	24.8		ug/L		99	74 - 124
Cyclohexane	1.0	U	25.0	24.9		ug/L		100	59 - 135
Dichlorodifluoromethane	1.0	U F2	25.0	17.9		ug/L		71	59 - 135
Ethylbenzene	1.0	U	25.0	23.0		ug/L		92	77 - 123
1,2-Dibromoethane	1.0	U	25.0	25.5		ug/L		102	77 - 120
Isopropylbenzene	1.0	U	25.0	24.8		ug/L		99	77 - 122
Methyl acetate	2.5	U	50.0	51.3		ug/L		103	74 - 133
Methyl tert-butyl ether	1.0	U	25.0	24.2		ug/L		97	77 - 120
Methylcyclohexane	1.0	U	25.0	23.9		ug/L		96	68 - 134
Methylene Chloride	1.0	U	25.0	23.4		ug/L		94	75 - 124
Styrene	1.0	U	25.0	23.8		ug/L		95	80 - 120
Tetrachloroethene	1.0	U	25.0	26.1		ug/L		104	74 - 122
Toluene	1.0	U	25.0	23.1		ug/L		92	80 - 122
trans-1,2-Dichloroethene	1.0	U	25.0	24.3		ug/L		97	73 - 127
trans-1,3-Dichloropropene	1.0	U	25.0	23.0		ug/L		92	80 - 120
Trichloroethene	2.0		25.0	27.8		ug/L		103	74 - 123
Trichlorofluoromethane	1.0	U F2	25.0	22.7		ug/L		91	62 - 150
Vinyl chloride	1.0	U F2	25.0	21.1		ug/L		84	65 - 133

Surrogate	MS %Recovery	MS Qualifier	Limits
Toluene-d8 (Surr)	99		80 - 120
1,2-Dichloroethane-d4 (Surr)	108		77 - 120
4-Bromofluorobenzene (Surr)	100		73 - 120
Dibromofluoromethane (Surr)	106		75 - 123

Lab Sample ID: 480-188784-6 MSD

Matrix: Water

Analysis Batch: 594718

Client Sample ID: URS-8S

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 F2	25.0	30.4	F2	ug/L		122	73 - 126	16	15
1,1,1,2-Tetrachloroethane	1.0	U	25.0	26.8		ug/L		107	76 - 120	3	15
1,1,2-Trichloroethane	1.0	U	25.0	24.5		ug/L		98	76 - 122	5	15
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	25.0	28.0		ug/L		112	61 - 148	14	20
1,1-Dichloroethane	1.0	U	25.0	29.1		ug/L		117	77 - 120	16	20
1,1-Dichloroethene	1.0	U F2	25.0	28.0	F2	ug/L		112	66 - 127	18	16
1,2,4-Trichlorobenzene	1.0	U	25.0	27.9		ug/L		112	79 - 122	12	20
1,2-Dibromo-3-Chloropropane	1.0	U	25.0	24.0		ug/L		96	56 - 134	1	15
1,2-Dichlorobenzene	1.0	U	25.0	27.9		ug/L		112	80 - 124	13	20
1,2-Dichloroethane	1.0	U	25.0	26.7		ug/L		107	75 - 120	8	20
1,2-Dichloropropane	1.0	U	25.0	26.4		ug/L		105	76 - 120	7	20
1,3-Dichlorobenzene	1.0	U	25.0	27.2		ug/L		109	77 - 120	10	20
1,4-Dichlorobenzene	1.0	U	25.0	26.9		ug/L		107	78 - 124	9	20
2-Butanone (MEK)	10	U	125	136		ug/L		109	57 - 140	4	20
2-Hexanone	5.0	U	125	127		ug/L		102	65 - 127	4	15
4-Methyl-2-pentanone (MIBK)	5.0	U	125	126		ug/L		101	71 - 125	0	35

Eurofins TestAmerica, Buffalo

QC Sample Results

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

Job ID: 480-188784-1

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

Lab Sample ID: 480-188784-6 MSD

Matrix: Water

Analysis Batch: 594718

Client Sample ID: URS-8S

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Acetone	10	U	125	148		ug/L		118	56 - 142	4	15
Benzene	1.0	U	25.0	27.5		ug/L		110	71 - 124	11	13
Bromodichloromethane	1.0	U	25.0	27.7		ug/L		111	80 - 122	13	15
Bromoform	1.0	U	25.0	24.7		ug/L		99	61 - 132	2	15
Bromomethane	1.0	U F2	25.0	25.1	F2	ug/L		100	55 - 144	28	15
Carbon disulfide	1.0	U F2	25.0	27.7	F2	ug/L		111	59 - 134	20	15
Carbon tetrachloride	1.0	U F2	25.0	30.7	F2	ug/L		123	72 - 134	18	15
Chlorobenzene	1.0	U	25.0	26.7		ug/L		107	80 - 120	10	25
Dibromochloromethane	1.0	U	25.0	26.3		ug/L		105	75 - 125	5	15
Chloroethane	1.0	U F2	25.0	24.3	F2	ug/L		97	69 - 136	27	15
Chloroform	1.0	U	25.0	27.4		ug/L		109	73 - 127	15	20
Chloromethane	1.0	U F2	25.0	25.7	F2	ug/L		103	68 - 124	20	15
cis-1,2-Dichloroethene	3.7		25.0	31.9		ug/L		113	74 - 124	15	15
cis-1,3-Dichloropropene	1.0	U	25.0	26.6		ug/L		106	74 - 124	7	15
Cyclohexane	1.0	U	25.0	29.7		ug/L		119	59 - 135	18	20
Dichlorodifluoromethane	1.0	U F2	25.0	23.3	F2	ug/L		93	59 - 135	26	20
Ethylbenzene	1.0	U	25.0	26.5		ug/L		106	77 - 123	14	15
1,2-Dibromoethane	1.0	U	25.0	27.4		ug/L		110	77 - 120	7	15
Isopropylbenzene	1.0	U	25.0	28.3		ug/L		113	77 - 122	13	20
Methyl acetate	2.5	U	50.0	50.0		ug/L		100	74 - 133	3	20
Methyl tert-butyl ether	1.0	U	25.0	26.3		ug/L		105	77 - 120	8	37
Methylcyclohexane	1.0	U	25.0	27.6		ug/L		110	68 - 134	14	20
Methylene Chloride	1.0	U	25.0	27.2		ug/L		109	75 - 124	15	15
Styrene	1.0	U	25.0	26.4		ug/L		105	80 - 120	10	20
Tetrachloroethene	1.0	U	25.0	29.5		ug/L		118	74 - 122	12	20
Toluene	1.0	U	25.0	26.4		ug/L		106	80 - 122	14	15
trans-1,2-Dichloroethene	1.0	U	25.0	28.5		ug/L		114	73 - 127	16	20
trans-1,3-Dichloropropene	1.0	U	25.0	24.0		ug/L		96	80 - 120	4	15
Trichloroethene	2.0		25.0	31.8		ug/L		119	74 - 123	14	16
Trichlorofluoromethane	1.0	U F2	25.0	28.6	F2	ug/L		114	62 - 150	23	20
Vinyl chloride	1.0	U F2	25.0	27.4	F2	ug/L		110	65 - 133	26	15

Surrogate	MSD %Recovery	MSD Qualifier	Limits
Toluene-d8 (Surr)	96		80 - 120
1,2-Dichloroethane-d4 (Surr)	104		77 - 120
4-Bromofluorobenzene (Surr)	95		73 - 120
Dibromofluoromethane (Surr)	105		75 - 123

Lab Sample ID: MB 480-594921/7

Matrix: Water

Analysis Batch: 594921

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			09/01/21 13:09	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.21	ug/L			09/01/21 13:09	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.31	ug/L			09/01/21 13:09	1
1,1,2-Trichloroethane	1.0	U	1.0	0.23	ug/L			09/01/21 13:09	1
1,1-Dichloroethane	1.0	U	1.0	0.38	ug/L			09/01/21 13:09	1

Eurofins TestAmerica, Buffalo

QC Sample Results

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

Job ID: 480-188784-1

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

Lab Sample ID: MB 480-594921/7

Matrix: Water

Analysis Batch: 594921

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethene	1.0	U	1.0	0.29	ug/L			09/01/21 13:09	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.41	ug/L			09/01/21 13:09	1
1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.39	ug/L			09/01/21 13:09	1
1,2-Dichlorobenzene	1.0	U	1.0	0.79	ug/L			09/01/21 13:09	1
1,2-Dichloroethane	1.0	U	1.0	0.21	ug/L			09/01/21 13:09	1
1,2-Dichloropropane	1.0	U	1.0	0.72	ug/L			09/01/21 13:09	1
1,3-Dichlorobenzene	1.0	U	1.0	0.78	ug/L			09/01/21 13:09	1
1,4-Dichlorobenzene	1.0	U	1.0	0.84	ug/L			09/01/21 13:09	1
2-Butanone (MEK)	10	U	10	1.3	ug/L			09/01/21 13:09	1
2-Hexanone	5.0	U	5.0	1.2	ug/L			09/01/21 13:09	1
4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	2.1	ug/L			09/01/21 13:09	1
Acetone	10	U	10	3.0	ug/L			09/01/21 13:09	1
Benzene	1.0	U	1.0	0.41	ug/L			09/01/21 13:09	1
Bromoform	1.0	U	1.0	0.26	ug/L			09/01/21 13:09	1
Bromomethane	1.0	U	1.0	0.69	ug/L			09/01/21 13:09	1
Carbon disulfide	1.0	U	1.0	0.19	ug/L			09/01/21 13:09	1
Carbon tetrachloride	1.0	U	1.0	0.27	ug/L			09/01/21 13:09	1
Chlorobenzene	1.0	U	1.0	0.75	ug/L			09/01/21 13:09	1
Dibromochloromethane	1.0	U	1.0	0.32	ug/L			09/01/21 13:09	1
Chloroethane	1.0	U	1.0	0.32	ug/L			09/01/21 13:09	1
Chloroform	1.0	U	1.0	0.34	ug/L			09/01/21 13:09	1
Chloromethane	1.0	U	1.0	0.35	ug/L			09/01/21 13:09	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.81	ug/L			09/01/21 13:09	1
Cyclohexane	1.0	U	1.0	0.18	ug/L			09/01/21 13:09	1
Bromodichloromethane	1.0	U	1.0	0.39	ug/L			09/01/21 13:09	1
Dichlorodifluoromethane	1.0	U	1.0	0.68	ug/L			09/01/21 13:09	1
Ethylbenzene	1.0	U	1.0	0.74	ug/L			09/01/21 13:09	1
1,2-Dibromoethane	1.0	U	1.0	0.73	ug/L			09/01/21 13:09	1
Isopropylbenzene	1.0	U	1.0	0.79	ug/L			09/01/21 13:09	1
Methyl acetate	2.5	U	2.5	1.3	ug/L			09/01/21 13:09	1
Methyl tert-butyl ether	1.0	U	1.0	0.16	ug/L			09/01/21 13:09	1
Methylcyclohexane	1.0	U	1.0	0.16	ug/L			09/01/21 13:09	1
Methylene Chloride	1.0	U	1.0	0.44	ug/L			09/01/21 13:09	1
Tetrachloroethene	1.0	U	1.0	0.36	ug/L			09/01/21 13:09	1
Toluene	1.0	U	1.0	0.51	ug/L			09/01/21 13:09	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.90	ug/L			09/01/21 13:09	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.37	ug/L			09/01/21 13:09	1
Trichloroethene	1.0	U	1.0	0.46	ug/L			09/01/21 13:09	1
Trichlorofluoromethane	1.0	U	1.0	0.88	ug/L			09/01/21 13:09	1
Vinyl chloride	1.0	U	1.0	0.90	ug/L			09/01/21 13:09	1
Xylenes, Total	2.0	U	2.0	0.66	ug/L			09/01/21 13:09	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.36	ug/L			09/01/21 13:09	1
Styrene	1.0	U	1.0	0.73	ug/L			09/01/21 13:09	1

Tentatively Identified Compound	MB Est. Result	MB Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Tentatively Identified Compound	None		ug/L					09/01/21 13:09	1

Eurofins TestAmerica, Buffalo

QC Sample Results

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

Job ID: 480-188784-1

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

Lab Sample ID: MB 480-594921/7

Matrix: Water

Analysis Batch: 594921

Client Sample ID: Method Blank

Prep Type: Total/NA

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	101		80 - 120		09/01/21 13:09	1
1,2-Dichloroethane-d4 (Surr)	99		77 - 120		09/01/21 13:09	1
4-Bromofluorobenzene (Surr)	100		73 - 120		09/01/21 13:09	1
Dibromofluoromethane (Surr)	100		75 - 123		09/01/21 13:09	1

Lab Sample ID: LCS 480-594921/5

Matrix: Water

Analysis Batch: 594921

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	26.2		ug/L		105	73 - 126
1,1,1,2,2-Tetrachloroethane	25.0	24.1		ug/L		96	76 - 120
1,1,2-Trichloro-1,2,2-trifluoroethane	25.0	24.1		ug/L		97	61 - 148
1,1,2-Trichloroethane	25.0	24.0		ug/L		96	76 - 122
1,1-Dichloroethane	25.0	24.2		ug/L		97	77 - 120
1,1-Dichloroethene	25.0	22.7		ug/L		91	66 - 127
1,2,4-Trichlorobenzene	25.0	22.9		ug/L		92	79 - 122
1,2-Dibromo-3-Chloropropane	25.0	19.8		ug/L		79	56 - 134
1,2-Dichlorobenzene	25.0	25.1		ug/L		100	80 - 124
1,2-Dichloroethane	25.0	24.9		ug/L		100	75 - 120
1,2-Dichloropropane	25.0	25.2		ug/L		101	76 - 120
1,3-Dichlorobenzene	25.0	26.0		ug/L		104	77 - 120
1,4-Dichlorobenzene	25.0	25.2		ug/L		101	80 - 120
2-Butanone (MEK)	125	127		ug/L		102	57 - 140
2-Hexanone	125	130		ug/L		104	65 - 127
4-Methyl-2-pentanone (MIBK)	125	115		ug/L		92	71 - 125
Acetone	125	151		ug/L		121	56 - 142
Benzene	25.0	24.7		ug/L		99	71 - 124
Bromoform	25.0	23.9		ug/L		96	61 - 132
Bromomethane	25.0	19.7		ug/L		79	55 - 144
Carbon disulfide	25.0	23.8		ug/L		95	59 - 134
Carbon tetrachloride	25.0	25.7		ug/L		103	72 - 134
Chlorobenzene	25.0	25.5		ug/L		102	80 - 120
Dibromochloromethane	25.0	25.8		ug/L		103	75 - 125
Chloroethane	25.0	19.9		ug/L		80	69 - 136
Chloroform	25.0	24.5		ug/L		98	73 - 127
Chloromethane	25.0	20.5		ug/L		82	68 - 124
cis-1,2-Dichloroethene	25.0	23.9		ug/L		96	74 - 124
Cyclohexane	25.0	24.3		ug/L		97	59 - 135
Bromodichloromethane	25.0	25.7		ug/L		103	80 - 122
Dichlorodifluoromethane	25.0	18.5		ug/L		74	59 - 135
Ethylbenzene	25.0	24.8		ug/L		99	77 - 123
1,2-Dibromoethane	25.0	25.3		ug/L		101	77 - 120
Isopropylbenzene	25.0	24.3		ug/L		97	77 - 122
Methyl acetate	50.0	45.4		ug/L		91	74 - 133
Methyl tert-butyl ether	25.0	23.9		ug/L		96	77 - 120
Methylcyclohexane	25.0	24.8		ug/L		99	68 - 134
Methylene Chloride	25.0	24.7		ug/L		99	75 - 124

Eurofins TestAmerica, Buffalo

QC Sample Results

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

Job ID: 480-188784-1

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

Lab Sample ID: LCS 480-594921/5

Matrix: Water

Analysis Batch: 594921

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Tetrachloroethene	25.0	25.8		ug/L		103	74 - 122
Toluene	25.0	24.3		ug/L		97	80 - 122
trans-1,2-Dichloroethene	25.0	24.4		ug/L		98	73 - 127
trans-1,3-Dichloropropene	25.0	24.1		ug/L		96	80 - 120
Trichloroethene	25.0	25.6		ug/L		102	74 - 123
Trichlorofluoromethane	25.0	24.4		ug/L		98	62 - 150
Vinyl chloride	25.0	21.2		ug/L		85	65 - 133
cis-1,3-Dichloropropene	25.0	26.4		ug/L		106	74 - 124
Styrene	25.0	24.8		ug/L		99	80 - 120

Surrogate	LCS %Recovery	LCS Qualifier	Limits
Toluene-d8 (Surr)	95		80 - 120
1,2-Dichloroethane-d4 (Surr)	100		77 - 120
4-Bromofluorobenzene (Surr)	99		73 - 120
Dibromofluoromethane (Surr)	99		75 - 123

Method: RSK-175 - Dissolved Gases (GC)

Lab Sample ID: MB 200-170873/7

Matrix: Water

Analysis Batch: 170873

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon dioxide	5000	U	5000	3800	ug/L			08/31/21 17:13	1

Lab Sample ID: LCS 200-170873/2

Matrix: Water

Analysis Batch: 170873

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Carbon dioxide	40000	35000		ug/L		88	70 - 130

Lab Sample ID: LCSD 200-170873/3

Matrix: Water

Analysis Batch: 170873

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 dioxide	40000	37400		ug/L		93	70 - 130	7	30

Lab Sample ID: 480-188784-6 MS

Matrix: Water

Analysis Batch: 170873

Client Sample ID: URS-8S

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Carbon dioxide	27000		40000	62100		ug/L		87	70 - 130

Eurofins TestAmerica, Buffalo

QC Sample Results

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

Job ID: 480-188784-1

Method: RSK-175 - Dissolved Gases (GC) (Continued)

Lab Sample ID: 480-188784-6 MSD

Matrix: Water

Analysis Batch: 170873

Client Sample ID: URS-8S

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Carbon dioxide	27000		40000	56000		ug/L		72	70 - 130	10	30

Lab Sample ID: MB 240-501607/3

Matrix: Water

Analysis Batch: 501607

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethene	1.0	U	1.0	0.27	ug/L			08/30/21 12:44	1
Acetylene	5.0	U	5.0	0.15	ug/L			08/30/21 12:44	1
Ethane	1.0	U	1.0	0.29	ug/L			08/30/21 12:44	1
Methane	1.0	U	1.0	0.17	ug/L			08/30/21 12:44	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,1,1-Trifluoroethane	108		60 - 140		08/30/21 12:44	1

Lab Sample ID: LCS 240-501607/4

Matrix: Water

Analysis Batch: 501607

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Ethene	432	474		ug/L		110	80 - 120
Ethane	480	525		ug/L		109	80 - 120
Methane	477	512		ug/L		107	80 - 120

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,1,1-Trifluoroethane	107		60 - 140

Lab Sample ID: LCS 240-501607/7

Matrix: Water

Analysis Batch: 501607

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Acetylene	461	459		ug/L		100	60 - 140

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,1,1-Trifluoroethane	103		60 - 140

Lab Sample ID: MB 240-501767/3

Matrix: Water

Analysis Batch: 501767

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethene	1.0	U	1.0	0.27	ug/L			08/31/21 12:43	1
Acetylene	5.0	U	5.0	0.15	ug/L			08/31/21 12:43	1
Ethane	1.0	U	1.0	0.29	ug/L			08/31/21 12:43	1
Methane	1.0	U	1.0	0.17	ug/L			08/31/21 12:43	1

Eurofins TestAmerica, Buffalo

QC Sample Results

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

Job ID: 480-188784-1

Method: RSK-175 - Dissolved Gases (GC) (Continued)

Lab Sample ID: MB 240-501767/3

Matrix: Water

Analysis Batch: 501767

Client Sample ID: Method Blank

Prep Type: Total/NA

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,1,1-Trifluoroethane	108		60 - 140		08/31/21 12:43	1

Lab Sample ID: LCS 240-501767/4

Matrix: Water

Analysis Batch: 501767

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Ethene	432	473		ug/L		110	80 - 120
Ethane	480	519		ug/L		108	80 - 120
Methane	477	507		ug/L		106	80 - 120

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,1,1-Trifluoroethane	105		60 - 140

Lab Sample ID: LCS 240-501767/5

Matrix: Water

Analysis Batch: 501767

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Acetylene	461	460		ug/L		100	60 - 140

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,1,1-Trifluoroethane	103		60 - 140

Lab Sample ID: 480-188784-6 MS

Matrix: Water

Analysis Batch: 501767

Client Sample ID: URS-8S

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Ethene	1.0	U	506	542		ug/L		107	50 - 150
Acetylene	5.0	U	461	464		ug/L		101	50 - 150
Ethane	1.0	U	537	585		ug/L		109	50 - 150
Methane	100		284	414		ug/L		110	50 - 150

Surrogate	MS %Recovery	MS Qualifier	Limits
1,1,1-Trifluoroethane	103		60 - 140

Lab Sample ID: 480-188784-6 MSD

Matrix: Water

Analysis Batch: 501767

Client Sample ID: URS-8S

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Ethene	1.0	U	506	536		ug/L		106	50 - 150	1	30
Acetylene	5.0	U	461	459		ug/L		100	50 - 150	1	30
Ethane	1.0	U	537	580		ug/L		108	50 - 150	1	30
Methane	100		284	407		ug/L		107	50 - 150	2	30

Eurofins TestAmerica, Buffalo

QC Sample Results

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

Job ID: 480-188784-1

Method: RSK-175 - Dissolved Gases (GC) (Continued)

Lab Sample ID: 480-188784-6 MSD
Matrix: Water
Analysis Batch: 501767

Client Sample ID: URS-8S
Prep Type: Total/NA

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
1,1,1-Trifluoroethane	102		60 - 140

Method: 6010C - Metals (ICP)

Lab Sample ID: MB 480-594512/1-A
Matrix: Water
Analysis Batch: 595119

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 594512

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Iron, Dissolved	0.050	U	0.050	0.019	mg/L		09/01/21 09:30	09/01/21 15:21	1

Lab Sample ID: LCS 480-594512/2-A
Matrix: Water
Analysis Batch: 595119

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 594512

Analyte	Spike	LCS	LCS	Unit	D	%Rec	%Rec.	Limits
	Added	Result	Qualifier					
Iron, Dissolved	10.0	10.16		mg/L		102		80 - 120

Lab Sample ID: 480-188784-6 MS
Matrix: Water
Analysis Batch: 595119

Client Sample ID: URS-8S
Prep Type: Dissolved
Prep Batch: 594512

Analyte	Sample	Sample	Spike	MS	MS	Unit	D	%Rec	%Rec.	Limits
	Result	Qualifier	Added	Result	Qualifier					
Iron, Dissolved	0.050	U	10.0	10.03		mg/L		100		75 - 125

Lab Sample ID: 480-188784-6 MSD
Matrix: Water
Analysis Batch: 595119

Client Sample ID: URS-8S
Prep Type: Dissolved
Prep Batch: 594512

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec.	Limits	RPD	RPD
	Result	Qualifier	Added	Result	Qualifier						Limit	Limit
Iron, Dissolved	0.050	U	10.0	9.60		mg/L		96		75 - 125	4	20

Method: 353.2 - Nitrogen, Nitrite

Lab Sample ID: MB 480-594325/3
Matrix: Water
Analysis Batch: 594325

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

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Nitrite as N	0.0455	J	0.050	0.020	mg/L			08/26/21 23:44	1

Lab Sample ID: LCS 480-594325/4
Matrix: Water
Analysis Batch: 594325

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

Analyte	Spike	LCS	LCS	Unit	D	%Rec	%Rec.	Limits
	Added	Result	Qualifier					
Nitrite as N	1.50	1.61		mg/L		107		90 - 110

Eurofins TestAmerica, Buffalo

QC Sample Results

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

Job ID: 480-188784-1

Method: 353.2 - Nitrogen, Nitrite (Continued)

Lab Sample ID: 480-188784-6 MS

Matrix: Water

Analysis Batch: 594325

Client Sample ID: URS-8S

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Nitrite as N	0.050	U F1	1.00	1.13	F1	mg/L		113	90 - 110

Lab Sample ID: 480-188784-6 MSD

Matrix: Water

Analysis Batch: 594325

Client Sample ID: URS-8S

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Nitrite as N	0.050	U F1	1.00	1.11	F1	mg/L		111	90 - 110	2	20

Method: 353.2 - Nitrogen, Nitrate-Nitrite

Lab Sample ID: MB 480-594324/27

Matrix: Water

Analysis Batch: 594324

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrate Nitrite as N	0.050	U	0.050	0.020	mg/L			08/26/21 22:16	1

Lab Sample ID: MB 480-594324/3

Matrix: Water

Analysis Batch: 594324

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrate Nitrite as N	0.050	U	0.050	0.020	mg/L			08/26/21 21:49	1

Lab Sample ID: MB 480-594324/75

Matrix: Water

Analysis Batch: 594324

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrate Nitrite as N	0.050	U	0.050	0.020	mg/L			08/26/21 23:11	1

Lab Sample ID: LCS 480-594324/28

Matrix: Water

Analysis Batch: 594324

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Nitrate Nitrite as N	1.50	1.51		mg/L		101	90 - 110

Lab Sample ID: LCS 480-594324/4

Matrix: Water

Analysis Batch: 594324

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Nitrate Nitrite as N	1.50	1.55		mg/L		103	90 - 110

QC Sample Results

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

Job ID: 480-188784-1

Method: 353.2 - Nitrogen, Nitrate-Nitrite (Continued)

Lab Sample ID: LCS 480-594324/76

Matrix: Water

Analysis Batch: 594324

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Nitrate Nitrite as N	1.50	1.52		mg/L		101	90 - 110

Lab Sample ID: 480-188784-6 MS

Matrix: Water

Analysis Batch: 594324

Client Sample ID: URS-8S

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Nitrate Nitrite as N	4.7	F1	2.00	6.98	E F1	mg/L		112	90 - 110

Lab Sample ID: 480-188784-6 MSD

Matrix: Water

Analysis Batch: 594324

Client Sample ID: URS-8S

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Nitrate Nitrite as N	4.7	F1	2.00	6.88	E	mg/L		107	90 - 110	1	20

Method: 9056A - Anions, Ion Chromatography

Lab Sample ID: MB 480-594939/28

Matrix: Water

Analysis Batch: 594939

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	0.50	U	0.50	0.28	mg/L			09/02/21 10:34	1
Sulfate	2.0	U	2.0	0.35	mg/L			09/02/21 10:34	1

Lab Sample ID: MB 480-594939/4

Matrix: Water

Analysis Batch: 594939

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	0.50	U	0.50	0.28	mg/L			09/02/21 03:10	1
Sulfate	2.0	U	2.0	0.35	mg/L			09/02/21 03:10	1

Lab Sample ID: LCS 480-594939/27

Matrix: Water

Analysis Batch: 594939

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	50.0	49.08		mg/L		98	90 - 110
Sulfate	50.0	47.96		mg/L		96	90 - 110

Lab Sample ID: 480-188784-6 MS

Matrix: Water

Analysis Batch: 594939

Client Sample ID: URS-8S

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	540		500	1032		mg/L		99	81 - 120
Sulfate	22.0		500	518.8		mg/L		99	80 - 120

Eurofins TestAmerica, Buffalo

QC Sample Results

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

Job ID: 480-188784-1

Method: 9056A - Anions, Ion Chromatography (Continued)

Lab Sample ID: 480-188784-6 MSD

Matrix: Water

Analysis Batch: 594939

Client Sample ID: URS-8S

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	540		500	1052		mg/L		102	81 - 120	2	15
Sulfate	22.0		500	531.1		mg/L		102	80 - 120	2	15

Method: 9060A - Organic Carbon, Dissolved (DOC)

Lab Sample ID: MB 480-595110/3

Matrix: Water

Analysis Batch: 595110

Client Sample ID: Method Blank

Prep Type: Dissolved

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dissolved Organic Carbon	1.0	U	1.0	0.43	mg/L			09/01/21 08:13	1

Lab Sample ID: LCS 480-595110/4

Matrix: Water

Analysis Batch: 595110

Client Sample ID: Lab Control Sample

Prep Type: Dissolved

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Dissolved Organic Carbon	60.0	61.37		mg/L		102	90 - 110

Lab Sample ID: 480-188784-6 MS

Matrix: Water

Analysis Batch: 595110

Client Sample ID: URS-8S

Prep Type: Dissolved

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Dissolved Organic Carbon	2.8		23.3	29.20		mg/L		113	54 - 131

Lab Sample ID: 480-188784-6 MSD

Matrix: Water

Analysis Batch: 595110

Client Sample ID: URS-8S

Prep Type: Dissolved

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Dissolved Organic Carbon	2.8		23.3	29.42		mg/L		114	54 - 131	1	20

Method: SM 3500 FE D - Iron, Ferrous and Ferric

Lab Sample ID: MB 480-594812/29

Matrix: Water

Analysis Batch: 594812

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ferrous Iron	0.10	U	0.10	0.075	mg/L			08/28/21 18:45	1

Lab Sample ID: MB 480-594812/3

Matrix: Water

Analysis Batch: 594812

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ferrous Iron	0.10	U	0.10	0.075	mg/L			08/28/21 18:45	1

Eurofins TestAmerica, Buffalo

QC Sample Results

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

Job ID: 480-188784-1

Method: SM 3500 FE D - Iron, Ferrous and Ferric (Continued)

Lab Sample ID: LCS 480-594812/30

Matrix: Water

Analysis Batch: 594812

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Ferrous Iron	2.00	1.97		mg/L		98	90 - 110

Lab Sample ID: LCS 480-594812/4

Matrix: Water

Analysis Batch: 594812

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Ferrous Iron	2.00	1.99		mg/L		99	90 - 110

Lab Sample ID: 480-188784-6 MS

Matrix: Water

Analysis Batch: 594812

Client Sample ID: URS-8S

Prep Type: Dissolved

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Ferrous Iron	0.10	U HF	1.00	1.04	HF	mg/L		104	70 - 130

Lab Sample ID: 480-188784-6 MSD

Matrix: Water

Analysis Batch: 594812

Client Sample ID: URS-8S

Prep Type: Dissolved

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Ferrous Iron	0.10	U HF	1.00	1.05	HF	mg/L		105	70 - 130	1	20

Lab Sample ID: 480-188784-9 MS

Matrix: Water

Analysis Batch: 594812

Client Sample ID: EB-02

Prep Type: Dissolved

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Ferrous Iron	0.10	U HF	1.00	1.01		mg/L		101	70 - 130

Lab Sample ID: 480-188784-2 DU

Matrix: Water

Analysis Batch: 594812

Client Sample ID: LARW11_2

Prep Type: Dissolved

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Ferrous Iron	0.10	U HF	0.10	U	mg/L		NC	20

Lab Sample ID: 480-188784-3 DU

Matrix: Water

Analysis Batch: 594812

Client Sample ID: LARW11_3

Prep Type: Dissolved

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Ferrous Iron	0.10	U HF	0.10	U	mg/L		NC	20

Lab Sample ID: 480-188784-4 DU

Matrix: Water

Analysis Batch: 594812

Client Sample ID: URS-1R

Prep Type: Dissolved

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Ferrous Iron	0.10	U HF	0.10	U	mg/L		NC	20

Eurofins TestAmerica, Buffalo

QC Sample Results

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

Job ID: 480-188784-1

Method: SM 3500 FE D - Iron, Ferrous and Ferric

Lab Sample ID: 480-188784-5 DU
Matrix: Water
Analysis Batch: 594812

Client Sample ID: URS-7S
Prep Type: Dissolved

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	Limit
Ferrous Iron	0.10	U HF	0.10	U	mg/L		NC	20

Lab Sample ID: 480-188784-6 DU
Matrix: Water
Analysis Batch: 594812

Client Sample ID: URS-8S
Prep Type: Dissolved

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	Limit
Ferrous Iron	0.10	U HF	0.10	U	mg/L		NC	20

Lab Sample ID: 480-188784-7 DU
Matrix: Water
Analysis Batch: 594812

Client Sample ID: URS-9S
Prep Type: Dissolved

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	Limit
Ferrous Iron	0.10	U HF	0.10	U	mg/L		NC	20

Lab Sample ID: 480-188784-8 DU
Matrix: Water
Analysis Batch: 594812

Client Sample ID: DUP-02
Prep Type: Dissolved

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	Limit
Ferrous Iron	0.10	U HF	0.10	U	mg/L		NC	20

Lab Sample ID: 480-188784-9 DU
Matrix: Water
Analysis Batch: 594812

Client Sample ID: EB-02
Prep Type: Dissolved

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	Limit
Ferrous Iron	0.10	U HF	0.10	U	mg/L		NC	20

Method: SM 4500 S2 F - Sulfide, Total

Lab Sample ID: MB 480-594830/27
Matrix: Water
Analysis Batch: 594830

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfide	1.0	U	1.0	0.67	mg/L			08/31/21 12:49	1

Lab Sample ID: MB 480-594830/51
Matrix: Water
Analysis Batch: 594830

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfide	1.0	U	1.0	0.67	mg/L			08/31/21 12:49	1

QC Sample Results

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

Job ID: 480-188784-1

Method: SM 4500 S2 F - Sulfide, Total (Continued)

Lab Sample ID: LCS 480-594830/28
Matrix: Water
Analysis Batch: 594830

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Sulfide	9.00	9.20		mg/L		102	90 - 110

Lab Sample ID: LCS 480-594830/52
Matrix: Water
Analysis Batch: 594830

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Sulfide	9.00	9.20		mg/L		102	90 - 110

Lab Sample ID: 480-188784-6 MS
Matrix: Water
Analysis Batch: 594830

Client Sample ID: URS-8S
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Sulfide	1.0	U	2.05	2.40		mg/L		117	40 - 150

Lab Sample ID: 480-188784-6 MSD
Matrix: Water
Analysis Batch: 594830

Client Sample ID: URS-8S
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Sulfide	1.0	U	2.05	2.40		mg/L		117	40 - 150	0	20

Method: VFA-IC - Volatile Fatty Acids, Ion Chromatography

Lab Sample ID: MB 480-594630/30
Matrix: Water
Analysis Batch: 594630

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetic acid	1.0	U	1.0	0.29	mg/L			08/31/21 05:20	1
Formic-acid	1.0	U	1.0	0.26	mg/L			08/31/21 05:20	1
Lactic acid	1.0	U	1.0	0.31	mg/L			08/31/21 05:20	1
n-Butyric Acid	1.0	U	1.0	0.26	mg/L			08/31/21 05:20	1
Propionic acid	1.0	U	1.0	0.35	mg/L			08/31/21 05:20	1
Pyruvic Acid	1.5	U	1.5	0.37	mg/L			08/31/21 05:20	1

Lab Sample ID: MB 480-594630/6
Matrix: Water
Analysis Batch: 594630

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetic acid	1.0	U	1.0	0.29	mg/L			08/30/21 17:41	1
Formic-acid	1.0	U	1.0	0.26	mg/L			08/30/21 17:41	1
Lactic acid	1.0	U	1.0	0.31	mg/L			08/30/21 17:41	1
n-Butyric Acid	1.0	U	1.0	0.26	mg/L			08/30/21 17:41	1
Propionic acid	1.0	U	1.0	0.35	mg/L			08/30/21 17:41	1
Pyruvic Acid	1.5	U	1.5	0.37	mg/L			08/30/21 17:41	1

Eurofins TestAmerica, Buffalo

QC Sample Results

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

Job ID: 480-188784-1

Method: VFA-IC - Volatile Fatty Acids, Ion Chromatography (Continued)

Lab Sample ID: LCS 480-594630/29

Matrix: Water

Analysis Batch: 594630

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Acetic acid	10.0	9.73		mg/L		97	80 - 120
Formic-acid	10.0	9.57		mg/L		96	80 - 120
Lactic acid	10.0	9.25		mg/L		92	80 - 120
n-Butyric Acid	10.0	9.85		mg/L		98	80 - 120
Propionic acid	10.0	9.13		mg/L		91	80 - 120
Pyruvic Acid	10.0	9.27		mg/L		93	80 - 120

Lab Sample ID: LCS 480-594630/5

Matrix: Water

Analysis Batch: 594630

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Acetic acid	10.0	9.41		mg/L		94	80 - 120
Formic-acid	10.0	9.46		mg/L		95	80 - 120
Lactic acid	10.0	9.17		mg/L		92	80 - 120
n-Butyric Acid	10.0	9.52		mg/L		95	80 - 120
Propionic acid	10.0	8.83		mg/L		88	80 - 120
Pyruvic Acid	10.0	9.20		mg/L		92	80 - 120

Lab Sample ID: 480-188784-5 MS

Matrix: Water

Analysis Batch: 594630

Client Sample ID: URS-7S

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Acetic acid	5.0	U	50.0	47.44		mg/L		95	80 - 120
Formic-acid	5.0	U	50.0	47.95		mg/L		96	80 - 120
Lactic acid	5.0	U	50.0	45.86		mg/L		92	80 - 120
n-Butyric Acid	5.0	U	50.0	49.97		mg/L		100	80 - 120
Propionic acid	5.0	U	50.0	46.55		mg/L		93	80 - 120
Pyruvic Acid	7.5	U F1	50.0	61.04	F1	mg/L		122	80 - 120

Lab Sample ID: 480-188784-6 MS

Matrix: Water

Analysis Batch: 594630

Client Sample ID: URS-8S

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Acetic acid	5.0	U	50.0	47.40		mg/L		95	80 - 120
Formic-acid	5.0	U	50.0	47.50		mg/L		95	80 - 120
Lactic acid	5.0	U	50.0	45.39		mg/L		91	80 - 120
n-Butyric Acid	5.0	U	50.0	50.33		mg/L		101	80 - 120
Propionic acid	5.0	U	50.0	45.39		mg/L		91	80 - 120
Pyruvic Acid	7.5	U F1	50.0	67.94	F1	mg/L		136	80 - 120

Lab Sample ID: 480-188784-6 MSD

Matrix: Water

Analysis Batch: 594630

Client Sample ID: URS-8S

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	Limit
Acetic acid	5.0	U	50.0	47.46		mg/L		95	80 - 120	0	20

Eurofins TestAmerica, Buffalo

QC Sample Results

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

Job ID: 480-188784-1

Method: VFA-IC - Volatile Fatty Acids, Ion Chromatography (Continued)

Lab Sample ID: 480-188784-6 MSD

Matrix: Water

Analysis Batch: 594630

Client Sample ID: URS-8S

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Formic-acid	5.0	U	50.0	47.64		mg/L		95	80 - 120	0	20
Lactic acid	5.0	U	50.0	46.30		mg/L		93	80 - 120	2	20
n-Butyric Acid	5.0	U	50.0	50.13		mg/L		100	80 - 120	0	20
Propionic acid	5.0	U	50.0	45.23		mg/L		90	80 - 120	0	20
Pyruvic Acid	7.5	U F1	50.0	67.03	F1	mg/L		134	80 - 120	1	20

QC Association Summary

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

Job ID: 480-188784-1

GC/MS VOA

Analysis Batch: 594489

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-188784-10	LAOW11_1	Total/NA	Water	8260C	
480-188784-11	LAOW11_6	Total/NA	Water	8260C	
480-188784-12	LAOW11_9	Total/NA	Water	8260C	
480-188784-13	MW-12	Total/NA	Water	8260C	
480-188784-14	MW-14	Total/NA	Water	8260C	
480-188784-15	MW-15	Total/NA	Water	8260C	
480-188784-16	MW-19	Total/NA	Water	8260C	
480-188784-17	MW-20	Total/NA	Water	8260C	
480-188784-18	URS-2S	Total/NA	Water	8260C	
480-188784-19	URS-12	Total/NA	Water	8260C	
480-188784-20	URS-13	Total/NA	Water	8260C	
480-188784-21	URS-14	Total/NA	Water	8260C	
480-188784-22	DUP-01	Total/NA	Water	8260C	
480-188784-23	EB-01	Total/NA	Water	8260C	
480-188784-24	TB-01	Total/NA	Water	8260C	
480-188784-25	TB-02	Total/NA	Water	8260C	
MB 480-594489/7	Method Blank	Total/NA	Water	8260C	
LCS 480-594489/5	Lab Control Sample	Total/NA	Water	8260C	
480-188784-17 MS	MW-20	Total/NA	Water	8260C	
480-188784-17 MSD	MW-20	Total/NA	Water	8260C	

Analysis Batch: 594718

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-188784-2	LARW11_2	Total/NA	Water	8260C	
480-188784-3	LARW11_3	Total/NA	Water	8260C	
480-188784-4	URS-1R	Total/NA	Water	8260C	
480-188784-5	URS-7S	Total/NA	Water	8260C	
480-188784-6	URS-8S	Total/NA	Water	8260C	
480-188784-7	URS-9S	Total/NA	Water	8260C	
480-188784-8	DUP-02	Total/NA	Water	8260C	
480-188784-9	EB-02	Total/NA	Water	8260C	
MB 480-594718/7	Method Blank	Total/NA	Water	8260C	
LCS 480-594718/5	Lab Control Sample	Total/NA	Water	8260C	
480-188784-6 MS	URS-8S	Total/NA	Water	8260C	
480-188784-6 MSD	URS-8S	Total/NA	Water	8260C	

Analysis Batch: 594921

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-188784-1	MW-11R	Total/NA	Water	8260C	
MB 480-594921/7	Method Blank	Total/NA	Water	8260C	
LCS 480-594921/5	Lab Control Sample	Total/NA	Water	8260C	

GC VOA

Analysis Batch: 170873

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-188784-1	MW-11R	Total/NA	Water	RSK-175	
480-188784-2	LARW11_2	Total/NA	Water	RSK-175	
480-188784-3	LARW11_3	Total/NA	Water	RSK-175	
480-188784-4	URS-1R	Total/NA	Water	RSK-175	
480-188784-5	URS-7S	Total/NA	Water	RSK-175	

Eurofins TestAmerica, Buffalo

QC Association Summary

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

Job ID: 480-188784-1

GC VOA (Continued)

Analysis Batch: 170873 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-188784-6	URS-8S	Total/NA	Water	RSK-175	
480-188784-7	URS-9S	Total/NA	Water	RSK-175	
480-188784-8	DUP-02	Total/NA	Water	RSK-175	
480-188784-9	EB-02	Total/NA	Water	RSK-175	
MB 200-170873/7	Method Blank	Total/NA	Water	RSK-175	
LCS 200-170873/2	Lab Control Sample	Total/NA	Water	RSK-175	
LCSD 200-170873/3	Lab Control Sample Dup	Total/NA	Water	RSK-175	
480-188784-6 MS	URS-8S	Total/NA	Water	RSK-175	
480-188784-6 MSD	URS-8S	Total/NA	Water	RSK-175	

Analysis Batch: 501607

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-188784-1	MW-11R	Total/NA	Water	RSK-175	
480-188784-2	LARW11_2	Total/NA	Water	RSK-175	
480-188784-3	LARW11_3	Total/NA	Water	RSK-175	
480-188784-4	URS-1R	Total/NA	Water	RSK-175	
480-188784-5	URS-7S	Total/NA	Water	RSK-175	
MB 240-501607/3	Method Blank	Total/NA	Water	RSK-175	
LCS 240-501607/4	Lab Control Sample	Total/NA	Water	RSK-175	
LCS 240-501607/7	Lab Control Sample	Total/NA	Water	RSK-175	

Analysis Batch: 501767

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-188784-1	MW-11R	Total/NA	Water	RSK-175	
480-188784-6	URS-8S	Total/NA	Water	RSK-175	
480-188784-7	URS-9S	Total/NA	Water	RSK-175	
480-188784-8	DUP-02	Total/NA	Water	RSK-175	
480-188784-9	EB-02	Total/NA	Water	RSK-175	
MB 240-501767/3	Method Blank	Total/NA	Water	RSK-175	
LCS 240-501767/4	Lab Control Sample	Total/NA	Water	RSK-175	
LCS 240-501767/5	Lab Control Sample	Total/NA	Water	RSK-175	
480-188784-6 MS	URS-8S	Total/NA	Water	RSK-175	
480-188784-6 MSD	URS-8S	Total/NA	Water	RSK-175	

Metals

Prep Batch: 594512

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-188784-2	LARW11_2	Dissolved	Water	3005A	
480-188784-3	LARW11_3	Dissolved	Water	3005A	
480-188784-4	URS-1R	Dissolved	Water	3005A	
480-188784-5	URS-7S	Dissolved	Water	3005A	
480-188784-6	URS-8S	Dissolved	Water	3005A	
480-188784-7	URS-9S	Dissolved	Water	3005A	
480-188784-8	DUP-02	Dissolved	Water	3005A	
480-188784-9	EB-02	Dissolved	Water	3005A	
MB 480-594512/1-A	Method Blank	Total Recoverable	Water	3005A	
LCS 480-594512/2-A	Lab Control Sample	Total Recoverable	Water	3005A	
480-188784-6 MS	URS-8S	Dissolved	Water	3005A	
480-188784-6 MSD	URS-8S	Dissolved	Water	3005A	

Eurofins TestAmerica, Buffalo

QC Association Summary

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

Job ID: 480-188784-1

Metals

Analysis Batch: 595119

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-188784-2	LARW11_2	Dissolved	Water	6010C	594512
480-188784-3	LARW11_3	Dissolved	Water	6010C	594512
480-188784-4	URS-1R	Dissolved	Water	6010C	594512
480-188784-5	URS-7S	Dissolved	Water	6010C	594512
480-188784-6	URS-8S	Dissolved	Water	6010C	594512
480-188784-7	URS-9S	Dissolved	Water	6010C	594512
480-188784-8	DUP-02	Dissolved	Water	6010C	594512
480-188784-9	EB-02	Dissolved	Water	6010C	594512
MB 480-594512/1-A	Method Blank	Total Recoverable	Water	6010C	594512
LCS 480-594512/2-A	Lab Control Sample	Total Recoverable	Water	6010C	594512
480-188784-6 MS	URS-8S	Dissolved	Water	6010C	594512
480-188784-6 MSD	URS-8S	Dissolved	Water	6010C	594512

General Chemistry

Analysis Batch: 594324

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-188784-2	LARW11_2	Total/NA	Water	353.2	
480-188784-3	LARW11_3	Total/NA	Water	353.2	
480-188784-4	URS-1R	Total/NA	Water	353.2	
480-188784-5	URS-7S	Total/NA	Water	353.2	
480-188784-6	URS-8S	Total/NA	Water	353.2	
480-188784-7	URS-9S	Total/NA	Water	353.2	
480-188784-8	DUP-02	Total/NA	Water	353.2	
480-188784-9	EB-02	Total/NA	Water	353.2	
MB 480-594324/27	Method Blank	Total/NA	Water	353.2	
MB 480-594324/3	Method Blank	Total/NA	Water	353.2	
MB 480-594324/75	Method Blank	Total/NA	Water	353.2	
LCS 480-594324/28	Lab Control Sample	Total/NA	Water	353.2	
LCS 480-594324/4	Lab Control Sample	Total/NA	Water	353.2	
LCS 480-594324/76	Lab Control Sample	Total/NA	Water	353.2	
480-188784-6 MS	URS-8S	Total/NA	Water	353.2	
480-188784-6 MSD	URS-8S	Total/NA	Water	353.2	

Analysis Batch: 594325

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-188784-4	URS-1R	Total/NA	Water	353.2	
480-188784-5	URS-7S	Total/NA	Water	353.2	
480-188784-6	URS-8S	Total/NA	Water	353.2	
480-188784-7	URS-9S	Total/NA	Water	353.2	
480-188784-8	DUP-02	Total/NA	Water	353.2	
MB 480-594325/3	Method Blank	Total/NA	Water	353.2	
LCS 480-594325/4	Lab Control Sample	Total/NA	Water	353.2	
480-188784-6 MS	URS-8S	Total/NA	Water	353.2	
480-188784-6 MSD	URS-8S	Total/NA	Water	353.2	

Analysis Batch: 594326

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-188784-2	LARW11_2	Total/NA	Water	Nitrate by calc	
480-188784-3	LARW11_3	Total/NA	Water	Nitrate by calc	
480-188784-4	URS-1R	Total/NA	Water	Nitrate by calc	

Eurofins TestAmerica, Buffalo

QC Association Summary

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

Job ID: 480-188784-1

General Chemistry (Continued)

Analysis Batch: 594326 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-188784-5	URS-7S	Total/NA	Water	Nitrate by calc	
480-188784-6	URS-8S	Total/NA	Water	Nitrate by calc	
480-188784-7	URS-9S	Total/NA	Water	Nitrate by calc	
480-188784-8	DUP-02	Total/NA	Water	Nitrate by calc	
480-188784-9	EB-02	Total/NA	Water	Nitrate by calc	

Analysis Batch: 594327

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-188784-2	LARW11_2	Total/NA	Water	353.2	
480-188784-3	LARW11_3	Total/NA	Water	353.2	
480-188784-9	EB-02	Total/NA	Water	353.2	

Analysis Batch: 594630

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-188784-1	MW-11R	Total/NA	Water	VFA-IC	
480-188784-2	LARW11_2	Total/NA	Water	VFA-IC	
480-188784-3	LARW11_3	Total/NA	Water	VFA-IC	
480-188784-4	URS-1R	Total/NA	Water	VFA-IC	
480-188784-5	URS-7S	Total/NA	Water	VFA-IC	
480-188784-6	URS-8S	Total/NA	Water	VFA-IC	
480-188784-7	URS-9S	Total/NA	Water	VFA-IC	
480-188784-8	DUP-02	Total/NA	Water	VFA-IC	
480-188784-9	EB-02	Total/NA	Water	VFA-IC	
MB 480-594630/30	Method Blank	Total/NA	Water	VFA-IC	
MB 480-594630/6	Method Blank	Total/NA	Water	VFA-IC	
LCS 480-594630/29	Lab Control Sample	Total/NA	Water	VFA-IC	
LCS 480-594630/5	Lab Control Sample	Total/NA	Water	VFA-IC	
480-188784-5 MS	URS-7S	Total/NA	Water	VFA-IC	
480-188784-6 MS	URS-8S	Total/NA	Water	VFA-IC	
480-188784-6 MSD	URS-8S	Total/NA	Water	VFA-IC	

Analysis Batch: 594812

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-188784-2	LARW11_2	Dissolved	Water	SM 3500 FE D	
480-188784-3	LARW11_3	Dissolved	Water	SM 3500 FE D	
480-188784-4	URS-1R	Dissolved	Water	SM 3500 FE D	
480-188784-5	URS-7S	Dissolved	Water	SM 3500 FE D	
480-188784-6	URS-8S	Dissolved	Water	SM 3500 FE D	
480-188784-7	URS-9S	Dissolved	Water	SM 3500 FE D	
480-188784-8	DUP-02	Dissolved	Water	SM 3500 FE D	
480-188784-9	EB-02	Dissolved	Water	SM 3500 FE D	
MB 480-594812/29	Method Blank	Total/NA	Water	SM 3500 FE D	
MB 480-594812/3	Method Blank	Total/NA	Water	SM 3500 FE D	
LCS 480-594812/30	Lab Control Sample	Total/NA	Water	SM 3500 FE D	
LCS 480-594812/4	Lab Control Sample	Total/NA	Water	SM 3500 FE D	
480-188784-6 MS	URS-8S	Dissolved	Water	SM 3500 FE D	
480-188784-6 MSD	URS-8S	Dissolved	Water	SM 3500 FE D	
480-188784-9 MS	EB-02	Dissolved	Water	SM 3500 FE D	
480-188784-2 DU	LARW11_2	Dissolved	Water	SM 3500 FE D	
480-188784-3 DU	LARW11_3	Dissolved	Water	SM 3500 FE D	
480-188784-4 DU	URS-1R	Dissolved	Water	SM 3500 FE D	

Eurofins TestAmerica, Buffalo

QC Association Summary

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

Job ID: 480-188784-1

General Chemistry (Continued)

Analysis Batch: 594812 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-188784-5 DU	URS-7S	Dissolved	Water	SM 3500 FE D	
480-188784-6 DU	URS-8S	Dissolved	Water	SM 3500 FE D	
480-188784-7 DU	URS-9S	Dissolved	Water	SM 3500 FE D	
480-188784-8 DU	DUP-02	Dissolved	Water	SM 3500 FE D	
480-188784-9 DU	EB-02	Dissolved	Water	SM 3500 FE D	

Analysis Batch: 594830

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-188784-2	LARW11_2	Total/NA	Water	SM 4500 S2 F	
480-188784-3	LARW11_3	Total/NA	Water	SM 4500 S2 F	
480-188784-4	URS-1R	Total/NA	Water	SM 4500 S2 F	
480-188784-5	URS-7S	Total/NA	Water	SM 4500 S2 F	
480-188784-6	URS-8S	Total/NA	Water	SM 4500 S2 F	
480-188784-7	URS-9S	Total/NA	Water	SM 4500 S2 F	
480-188784-8	DUP-02	Total/NA	Water	SM 4500 S2 F	
480-188784-9	EB-02	Total/NA	Water	SM 4500 S2 F	
MB 480-594830/27	Method Blank	Total/NA	Water	SM 4500 S2 F	
MB 480-594830/51	Method Blank	Total/NA	Water	SM 4500 S2 F	
LCS 480-594830/28	Lab Control Sample	Total/NA	Water	SM 4500 S2 F	
LCS 480-594830/52	Lab Control Sample	Total/NA	Water	SM 4500 S2 F	
480-188784-6 MS	URS-8S	Total/NA	Water	SM 4500 S2 F	
480-188784-6 MSD	URS-8S	Total/NA	Water	SM 4500 S2 F	

Analysis Batch: 594939

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-188784-2	LARW11_2	Total/NA	Water	9056A	
480-188784-3	LARW11_3	Total/NA	Water	9056A	
480-188784-4	URS-1R	Total/NA	Water	9056A	
480-188784-5	URS-7S	Total/NA	Water	9056A	
480-188784-6	URS-8S	Total/NA	Water	9056A	
480-188784-7	URS-9S	Total/NA	Water	9056A	
480-188784-8	DUP-02	Total/NA	Water	9056A	
480-188784-9	EB-02	Total/NA	Water	9056A	
MB 480-594939/28	Method Blank	Total/NA	Water	9056A	
MB 480-594939/4	Method Blank	Total/NA	Water	9056A	
LCS 480-594939/27	Lab Control Sample	Total/NA	Water	9056A	
480-188784-6 MS	URS-8S	Total/NA	Water	9056A	
480-188784-6 MSD	URS-8S	Total/NA	Water	9056A	

Analysis Batch: 595110

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-188784-2	LARW11_2	Dissolved	Water	9060A	
480-188784-3	LARW11_3	Dissolved	Water	9060A	
480-188784-4	URS-1R	Dissolved	Water	9060A	
480-188784-5	URS-7S	Dissolved	Water	9060A	
480-188784-6	URS-8S	Dissolved	Water	9060A	
480-188784-7	URS-9S	Dissolved	Water	9060A	
480-188784-8	DUP-02	Dissolved	Water	9060A	
480-188784-9	EB-02	Dissolved	Water	9060A	
MB 480-595110/3	Method Blank	Dissolved	Water	9060A	
LCS 480-595110/4	Lab Control Sample	Dissolved	Water	9060A	

Eurofins TestAmerica, Buffalo

QC Association Summary

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

Job ID: 480-188784-1

General Chemistry (Continued)

Analysis Batch: 595110 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-188784-6 MS	URS-8S	Dissolved	Water	9060A	
480-188784-6 MSD	URS-8S	Dissolved	Water	9060A	

Analysis Batch: 595296

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-188784-2	LARW11_2	Dissolved	Water	SM 3500	
480-188784-3	LARW11_3	Dissolved	Water	SM 3500	
480-188784-4	URS-1R	Dissolved	Water	SM 3500	
480-188784-5	URS-7S	Dissolved	Water	SM 3500	
480-188784-6	URS-8S	Dissolved	Water	SM 3500	
480-188784-7	URS-9S	Dissolved	Water	SM 3500	
480-188784-8	DUP-02	Dissolved	Water	SM 3500	
480-188784-9	EB-02	Dissolved	Water	SM 3500	

Lab Chronicle

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

Job ID: 480-188784-1

Client Sample ID: MW-11R

Lab Sample ID: 480-188784-1

Date Collected: 08/25/21 10:18

Matrix: Water

Date Received: 08/26/21 10:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		40	594921	09/01/21 13:34	CRL	TAL BUF
Total/NA	Analysis	RSK-175		1	170873	08/31/21 18:41	MJZ	TAL BUR
Total/NA	Analysis	RSK-175		1	501607	08/30/21 18:28	JBN	TAL CAN
Total/NA	Analysis	RSK-175		10	501767	08/31/21 15:22	JBN	TAL CAN
Total/NA	Analysis	VFA-IC		20	594630	08/31/21 00:58	IMZ	TAL BUF

Client Sample ID: LARW11_2

Lab Sample ID: 480-188784-2

Date Collected: 08/25/21 08:41

Matrix: Water

Date Received: 08/26/21 10:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		20	594718	08/31/21 14:03	CRL	TAL BUF
Total/NA	Analysis	RSK-175		1	170873	08/31/21 18:50	MJZ	TAL BUR
Total/NA	Analysis	RSK-175		1	501607	08/30/21 18:46	JBN	TAL CAN
Dissolved	Prep	3005A			594512	09/01/21 09:30	ADM	TAL BUF
Dissolved	Analysis	6010C		1	595119	09/01/21 15:28	LMH	TAL BUF
Total/NA	Analysis	353.2		1	594324	08/26/21 22:24	ALT	TAL BUF
Total/NA	Analysis	353.2		1	594327	08/26/21 22:24	ALT	TAL BUF
Total/NA	Analysis	9056A		2	594939	09/02/21 10:53	IMZ	TAL BUF
Dissolved	Analysis	9060A		1	595110	09/01/21 12:50	CLA	TAL BUF
Total/NA	Analysis	Nitrate by calc		1	594326	08/26/21 22:24	ALT	TAL BUF
Dissolved	Analysis	SM 3500		1	595296	09/03/21 15:50	JJP	TAL BUF
Dissolved	Analysis	SM 3500 FE D		1	594812	08/28/21 18:45	CSS	TAL BUF
Total/NA	Analysis	SM 4500 S2 F		1	594830	08/31/21 12:49	MJB	TAL BUF
Total/NA	Analysis	VFA-IC		2	594630	08/31/21 01:27	IMZ	TAL BUF

Client Sample ID: LARW11_3

Lab Sample ID: 480-188784-3

Date Collected: 08/25/21 11:37

Matrix: Water

Date Received: 08/26/21 10:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	594718	08/31/21 14:26	CRL	TAL BUF
Total/NA	Analysis	RSK-175		1	170873	08/31/21 18:59	MJZ	TAL BUR
Total/NA	Analysis	RSK-175		1	501607	08/30/21 19:04	JBN	TAL CAN
Dissolved	Prep	3005A			594512	09/01/21 09:30	ADM	TAL BUF
Dissolved	Analysis	6010C		1	595119	09/01/21 15:32	LMH	TAL BUF
Total/NA	Analysis	353.2		1	594324	08/26/21 22:25	ALT	TAL BUF
Total/NA	Analysis	353.2		1	594327	08/26/21 22:25	ALT	TAL BUF
Total/NA	Analysis	9056A		2	594939	09/02/21 11:12	IMZ	TAL BUF
Dissolved	Analysis	9060A		1	595110	09/01/21 15:53	CLA	TAL BUF
Total/NA	Analysis	Nitrate by calc		1	594326	08/26/21 22:25	ALT	TAL BUF
Dissolved	Analysis	SM 3500		1	595296	09/03/21 15:50	JJP	TAL BUF

Eurofins TestAmerica, Buffalo

Lab Chronicle

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

Job ID: 480-188784-1

Client Sample ID: LARW11_3

Lab Sample ID: 480-188784-3

Date Collected: 08/25/21 11:37

Matrix: Water

Date Received: 08/26/21 10:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Dissolved	Analysis	SM 3500 FE D		1	594812	08/28/21 18:45	CSS	TAL BUF
Total/NA	Analysis	SM 4500 S2 F		1	594830	08/31/21 12:49	MJB	TAL BUF
Total/NA	Analysis	VFA-IC		2	594630	08/31/21 01:56	IMZ	TAL BUF

Client Sample ID: URS-1R

Lab Sample ID: 480-188784-4

Date Collected: 08/25/21 09:30

Matrix: Water

Date Received: 08/26/21 10:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	594718	08/31/21 14:49	CRL	TAL BUF
Total/NA	Analysis	RSK-175		1	170873	08/31/21 19:08	MJZ	TAL BUR
Total/NA	Analysis	RSK-175		1	501607	08/30/21 19:22	JBN	TAL CAN
Dissolved	Prep	3005A			594512	09/01/21 09:30	ADM	TAL BUF
Dissolved	Analysis	6010C		1	595119	09/01/21 15:36	LMH	TAL BUF
Total/NA	Analysis	353.2		5	594324	08/26/21 23:30	ALT	TAL BUF
Total/NA	Analysis	353.2		1	594325	08/26/21 23:51	ALT	TAL BUF
Total/NA	Analysis	9056A		2	594939	09/02/21 11:30	IMZ	TAL BUF
Dissolved	Analysis	9060A		1	595110	09/01/21 16:24	CLA	TAL BUF
Total/NA	Analysis	Nitrate by calc		1	594326	08/26/21 23:51	ALT	TAL BUF
Dissolved	Analysis	SM 3500		1	595296	09/03/21 15:50	JJP	TAL BUF
Dissolved	Analysis	SM 3500 FE D		1	594812	08/28/21 18:45	CSS	TAL BUF
Total/NA	Analysis	SM 4500 S2 F		1	594830	08/31/21 12:49	MJB	TAL BUF
Total/NA	Analysis	VFA-IC		5	594630	08/31/21 02:25	IMZ	TAL BUF

Client Sample ID: URS-7S

Lab Sample ID: 480-188784-5

Date Collected: 08/25/21 15:40

Matrix: Water

Date Received: 08/26/21 10:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	594718	08/31/21 15:12	CRL	TAL BUF
Total/NA	Analysis	RSK-175		1	170873	08/31/21 19:17	MJZ	TAL BUR
Total/NA	Analysis	RSK-175		1	501607	08/30/21 19:40	JBN	TAL CAN
Dissolved	Prep	3005A			594512	09/01/21 09:30	ADM	TAL BUF
Dissolved	Analysis	6010C		1	595119	09/01/21 15:52	LMH	TAL BUF
Total/NA	Analysis	353.2		1	594324	08/26/21 22:33	ALT	TAL BUF
Total/NA	Analysis	353.2		1	594325	08/26/21 23:52	ALT	TAL BUF
Total/NA	Analysis	9056A		5	594939	09/02/21 11:49	IMZ	TAL BUF
Dissolved	Analysis	9060A		1	595110	09/01/21 16:54	CLA	TAL BUF
Total/NA	Analysis	Nitrate by calc		1	594326	08/26/21 23:52	ALT	TAL BUF
Dissolved	Analysis	SM 3500		1	595296	09/03/21 15:50	JJP	TAL BUF
Dissolved	Analysis	SM 3500 FE D		1	594812	08/28/21 18:45	CSS	TAL BUF
Total/NA	Analysis	SM 4500 S2 F		1	594830	08/31/21 12:49	MJB	TAL BUF

Eurofins TestAmerica, Buffalo

Lab Chronicle

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

Job ID: 480-188784-1

Client Sample ID: URS-7S

Lab Sample ID: 480-188784-5

Date Collected: 08/25/21 15:40

Matrix: Water

Date Received: 08/26/21 10:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	VFA-IC		5	594630	08/31/21 02:54	IMZ	TAL BUF

Client Sample ID: URS-8S

Lab Sample ID: 480-188784-6

Date Collected: 08/25/21 13:44

Matrix: Water

Date Received: 08/26/21 10:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	594718	08/31/21 15:36	CRL	TAL BUF
Total/NA	Analysis	RSK-175		1	170873	08/31/21 19:25	MJZ	TAL BUR
Total/NA	Analysis	RSK-175		1	501767	08/31/21 15:39	JBN	TAL CAN
Dissolved	Prep	3005A			594512	09/01/21 09:30	ADM	TAL BUF
Dissolved	Analysis	6010C		1	595119	09/01/21 15:55	LMH	TAL BUF
Total/NA	Analysis	353.2		2	594324	08/26/21 22:30	ALT	TAL BUF
Total/NA	Analysis	353.2		1	594325	08/26/21 23:58	ALT	TAL BUF
Total/NA	Analysis	9056A		10	594939	09/02/21 12:26	IMZ	TAL BUF
Dissolved	Analysis	9060A		1	595110	09/01/21 14:22	CLA	TAL BUF
Total/NA	Analysis	Nitrate by calc		1	594326	08/26/21 23:58	ALT	TAL BUF
Dissolved	Analysis	SM 3500		1	595296	09/03/21 15:50	JJP	TAL BUF
Dissolved	Analysis	SM 3500 FE D		1	594812	08/28/21 18:45	CSS	TAL BUF
Total/NA	Analysis	SM 4500 S2 F		1	594830	08/31/21 12:49	MJB	TAL BUF
Total/NA	Analysis	VFA-IC		5	594630	08/31/21 08:15	IMZ	TAL BUF

Client Sample ID: URS-9S

Lab Sample ID: 480-188784-7

Date Collected: 08/25/21 14:05

Matrix: Water

Date Received: 08/26/21 10:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	594718	08/31/21 16:01	CRL	TAL BUF
Total/NA	Analysis	RSK-175		1	170873	08/31/21 19:52	MJZ	TAL BUR
Total/NA	Analysis	RSK-175		1	501767	08/31/21 16:51	JBN	TAL CAN
Dissolved	Prep	3005A			594512	09/01/21 09:30	ADM	TAL BUF
Dissolved	Analysis	6010C		1	595119	09/01/21 16:15	LMH	TAL BUF
Total/NA	Analysis	353.2		10	594324	08/26/21 22:34	ALT	TAL BUF
Total/NA	Analysis	353.2		1	594325	08/27/21 00:12	ALT	TAL BUF
Total/NA	Analysis	9056A		5	594939	09/02/21 12:07	IMZ	TAL BUF
Dissolved	Analysis	9060A		1	595110	09/01/21 17:25	CLA	TAL BUF
Total/NA	Analysis	Nitrate by calc		1	594326	08/26/21 23:53	ALT	TAL BUF
Dissolved	Analysis	SM 3500		1	595296	09/03/21 15:50	JJP	TAL BUF
Dissolved	Analysis	SM 3500 FE D		1	594812	08/28/21 18:45	CSS	TAL BUF
Total/NA	Analysis	SM 4500 S2 F		1	594830	08/31/21 12:49	MJB	TAL BUF
Total/NA	Analysis	VFA-IC		5	594630	08/31/21 05:49	IMZ	TAL BUF

Eurofins TestAmerica, Buffalo

Lab Chronicle

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

Job ID: 480-188784-1

Client Sample ID: DUP-02

Lab Sample ID: 480-188784-8

Date Collected: 08/25/21 00:00

Matrix: Water

Date Received: 08/26/21 10:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	594718	08/31/21 16:24	CRL	TAL BUF
Total/NA	Analysis	RSK-175		1	170873	08/31/21 20:01	MJZ	TAL BUR
Total/NA	Analysis	RSK-175		1	501767	08/31/21 17:09	JBN	TAL CAN
Dissolved	Prep	3005A			594512	09/01/21 09:30	ADM	TAL BUF
Dissolved	Analysis	6010C		1	595119	09/01/21 16:18	LMH	TAL BUF
Total/NA	Analysis	353.2		2	594324	08/26/21 22:36	ALT	TAL BUF
Total/NA	Analysis	353.2		1	594325	08/26/21 23:54	ALT	TAL BUF
Total/NA	Analysis	9056A		10	594939	09/02/21 13:58	IMZ	TAL BUF
Dissolved	Analysis	9060A		1	595110	09/01/21 17:56	CLA	TAL BUF
Total/NA	Analysis	Nitrate by calc		1	594326	08/26/21 23:54	ALT	TAL BUF
Dissolved	Analysis	SM 3500		1	595296	09/03/21 15:50	JJP	TAL BUF
Dissolved	Analysis	SM 3500 FE D		1	594812	08/28/21 18:45	CSS	TAL BUF
Total/NA	Analysis	SM 4500 S2 F		1	594830	08/31/21 12:49	MJB	TAL BUF
Total/NA	Analysis	VFA-IC		5	594630	08/31/21 06:18	IMZ	TAL BUF

Client Sample ID: EB-02

Lab Sample ID: 480-188784-9

Date Collected: 08/25/21 07:00

Matrix: Water

Date Received: 08/26/21 10:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	594718	08/31/21 16:48	CRL	TAL BUF
Total/NA	Analysis	RSK-175		1	170873	08/31/21 20:10	MJZ	TAL BUR
Total/NA	Analysis	RSK-175		1	501767	08/31/21 17:27	JBN	TAL CAN
Dissolved	Prep	3005A			594512	09/01/21 09:30	ADM	TAL BUF
Dissolved	Analysis	6010C		1	595119	09/01/21 16:22	LMH	TAL BUF
Total/NA	Analysis	353.2		1	594324	08/26/21 22:37	ALT	TAL BUF
Total/NA	Analysis	353.2		1	594327	08/26/21 22:37	ALT	TAL BUF
Total/NA	Analysis	9056A		1	594939	09/02/21 14:17	IMZ	TAL BUF
Dissolved	Analysis	9060A		1	595110	09/01/21 18:27	CLA	TAL BUF
Total/NA	Analysis	Nitrate by calc		1	594326	08/26/21 22:37	ALT	TAL BUF
Dissolved	Analysis	SM 3500		1	595296	09/03/21 15:50	JJP	TAL BUF
Dissolved	Analysis	SM 3500 FE D		1	594812	08/28/21 18:45	CSS	TAL BUF
Total/NA	Analysis	SM 4500 S2 F		1	594830	08/31/21 12:49	MJB	TAL BUF
Total/NA	Analysis	VFA-IC		1	594630	08/31/21 06:47	IMZ	TAL BUF

Client Sample ID: LAOW11_1

Lab Sample ID: 480-188784-10

Date Collected: 08/24/21 16:27

Matrix: Water

Date Received: 08/26/21 10:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		2	594489	08/29/21 14:43	AXK	TAL BUF

Eurofins TestAmerica, Buffalo

Lab Chronicle

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

Job ID: 480-188784-1

Client Sample ID: LAOW11_6

Lab Sample ID: 480-188784-11

Date Collected: 08/24/21 18:20

Matrix: Water

Date Received: 08/26/21 10:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	594489	08/29/21 15:06	AXK	TAL BUF

Client Sample ID: LAOW11_9

Lab Sample ID: 480-188784-12

Date Collected: 08/24/21 15:20

Matrix: Water

Date Received: 08/26/21 10:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	594489	08/29/21 15:29	AXK	TAL BUF

Client Sample ID: MW-12

Lab Sample ID: 480-188784-13

Date Collected: 08/24/21 17:18

Matrix: Water

Date Received: 08/26/21 10:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	594489	08/29/21 15:52	AXK	TAL BUF

Client Sample ID: MW-14

Lab Sample ID: 480-188784-14

Date Collected: 08/24/21 16:25

Matrix: Water

Date Received: 08/26/21 10:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	594489	08/29/21 16:15	AXK	TAL BUF

Client Sample ID: MW-15

Lab Sample ID: 480-188784-15

Date Collected: 08/24/21 14:05

Matrix: Water

Date Received: 08/26/21 10:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	594489	08/29/21 16:39	AXK	TAL BUF

Client Sample ID: MW-19

Lab Sample ID: 480-188784-16

Date Collected: 08/24/21 17:25

Matrix: Water

Date Received: 08/26/21 10:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	594489	08/29/21 17:02	AXK	TAL BUF

Client Sample ID: MW-20

Lab Sample ID: 480-188784-17

Date Collected: 08/24/21 13:37

Matrix: Water

Date Received: 08/26/21 10:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	594489	08/29/21 17:25	AXK	TAL BUF

Lab Chronicle

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

Job ID: 480-188784-1

Client Sample ID: URS-2S

Date Collected: 08/25/21 12:35

Date Received: 08/26/21 10:30

Lab Sample ID: 480-188784-18

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	594489	08/29/21 17:48	AXK	TAL BUF

Client Sample ID: URS-12

Date Collected: 08/24/21 15:21

Date Received: 08/26/21 10:30

Lab Sample ID: 480-188784-19

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	594489	08/29/21 18:11	AXK	TAL BUF

Client Sample ID: URS-13

Date Collected: 08/24/21 14:27

Date Received: 08/26/21 10:30

Lab Sample ID: 480-188784-20

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	594489	08/29/21 18:34	AXK	TAL BUF

Client Sample ID: URS-14

Date Collected: 08/25/21 12:20

Date Received: 08/26/21 10:30

Lab Sample ID: 480-188784-21

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	594489	08/29/21 18:57	AXK	TAL BUF

Client Sample ID: DUP-01

Date Collected: 08/24/21 00:00

Date Received: 08/26/21 10:30

Lab Sample ID: 480-188784-22

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	594489	08/29/21 19:20	AXK	TAL BUF

Client Sample ID: EB-01

Date Collected: 08/24/21 19:00

Date Received: 08/26/21 10:30

Lab Sample ID: 480-188784-23

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	594489	08/29/21 19:43	AXK	TAL BUF

Client Sample ID: TB-01

Date Collected: 08/24/21 12:00

Date Received: 08/26/21 10:30

Lab Sample ID: 480-188784-24

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	594489	08/29/21 20:07	AXK	TAL BUF

Eurofins TestAmerica, Buffalo

Lab Chronicle

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

Job ID: 480-188784-1

Client Sample ID: TB-02

Lab Sample ID: 480-188784-25

Date Collected: 08/24/21 12:00

Matrix: Water

Date Received: 08/26/21 10:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	594489	08/29/21 20:30	AXK	TAL BUF

Laboratory References:

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

TAL BUR = Eurofins TestAmerica, Burlington, 530 Community Drive, Suite 11, South Burlington, VT 05403, TEL (802)660-1990

TAL CAN = Eurofins TestAmerica, Canton, 4101 Shuffel Street NW, North Canton, OH 44720, TEL (330)497-9396

Client Information				Lab PM:		Carrier Tracking No(s):		COC No:	
Client Contact: Kris Blum Address: 914 E Washington Street City: Columbus State: OH Zip: 43206 Phone: 614 352 7570 Email: kblum@ehs-support.com Project Name: Ashland Lee Ave. Railroad - Norwich, NY Site:				Barnett, Eddie T E-Mail: Eddie.Barnett@Eurofinset.com		480-164393-36085.1 Page: 1 of 4		480-164393-36085.1 Page: 1 of 4	
Due Date Requested:				Analysis Requested		Total Number of containers		Special Instructions/Note:	
TAT Requested (days):				Field Filtered Sample (Yes or No)		Field Filtered Sample (Yes or No)		Special Instructions/Note:	
Compliance Project: ☐ Yes ☒ No				Sample Date		Sample Time		Sample Type	
PO #:				Sample Date		Sample Time		Sample Type	
WO #:				Sample Date		Sample Time		Sample Type	
Task 100 or 400				Sample Date		Sample Time		Sample Type	
Project #:				Sample Date		Sample Time		Sample Type	
SSOW#:				Sample Date		Sample Time		Sample Type	
Sample Identification				Sample Date		Sample Time		Sample Type	
MW-11R				8/25/21		1018		Water	
LARW11_2				8/25/21		0841		Water	
LARW11_3				8/25/21		1137		Water	
URS-1R				8/25/21		0930		Water	
URS-3R				8/25/21		1540		Water	
URS-7S				8/25/21		1344		Water	
URS-8S				8/25/21		1405		Water	
URS-9S				8/25/21		0700		Water	
DUP-02				8/25/21		0700		Water	
EB-02				8/25/21		0700		Water	
Analysis Requested RSK_175 - Methane, Ethane, Ethene, Acetylene VFA_IC - Standard VFA Compounds 3500_Fe+3_D_Cal, 3500_FE_D 353_2, 353_2_Nitrite, Nitrate, Calc SM4500_S2_F - Sulfide, Total 8260C - TCL VOCs + TICs 9060A_Diss - Organic Carbon, Dissolved (DOC) - Field 6010C - Metals (ICP) - Iron Dissolved - Field 9056A_28D - Sulfate & Chloride RSK_175_CO2 - Carbon Dioxide, Dissolved				Field Filtered Sample (Yes or No) (From MS/MSD Yes or No)		Field Filtered Sample (Yes or No) (From MS/MSD Yes or No)		Special Instructions/Note: more samples coming tomorrow MS/MSD collected	
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:		Time:		Method of Shipment:	
Possible Hazard Identification ☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological				Date:		Company:		Received by:	
Deliverable Requested: I, II, III, IV, Other (specify)				Date/Time:		Company:		Date/Time:	
Empty Kit Relinquished by:				Date/Time:		Company:		Date/Time:	
Relinquished by:				Date/Time:		Company:		Date/Time:	
Relinquished by:				Date/Time:		Company:		Date/Time:	
Custody Seals Intact: ☐ Yes ☐ No				Custody Seal No.:		Relinquished by:		Date/Time:	

Chain of Custody Record

Pg 2 of 3

Environment Testing
America

Client Information		Sampler: <u>Chris Myers</u>		Lab PM: <u>Barnett, Eddie T</u>	Carrier Tracking No(s):	COC No: <u>480-164393-36085.2</u>
Client Contact: <u>Kris Blum</u>		Phone: <u>614 352 7570</u>		E-Mail: <u>Eddie.Barnett@Eurofinset.com</u>	State of Origin:	Page: <u>2 of 4</u>
Company: <u>EHS Support, LLC</u>		PWSID:		Job #:		
Address: <u>844 E Washington Street</u>		Due Date Requested:		Analysis Requested		
City: <u>Louisville</u>		TAT Requested (days): <u>Standard 10</u>		Preservation Codes:		
State, Zip: <u>KY 40206</u>		Compliance Project: <u>Δ Yes Δ No</u>		A - HCL B - NaOH C - Zn Acetate D - Nitric Acid E - NaHSO ₄ F - MeOH G - Amchlor H - Ascorbic Acid I - Ice J - DI Water K - EDTA L - EDA Other:		
Phone:		PO #:		M - Hexane N - None O - AsNaO ₂ P - Na ₂ O ₄ S Q - Na ₂ SO ₃ R - Na ₂ SO ₃ S - H ₂ SO ₄ T - TSP Dodecahydrate U - Acetone V - MCAA W - pH 4-5 Z - other (specify)		
Email: <u>Kris.blum@ehs-support.com</u>		FY2021 PO Needed (req 08/17/21)		Total Number of containers		
Project Name: <u>Ashland Lee Ave. Railroad - Norwich, NY</u>		Task 100 or 400		Special Instructions/Note:		
Site: <u>48016401</u>		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)	Field MS/MSD (Yes or No)	9056A_28D - Sulfate & Chloride	6010C - Metals (ICP) - Iron Dissolved - Field FI	9060A_Diss - Organic Carbon, Dissolved (DOC) - Field	8260C - TCL VOCs + TICs	SM4500_S2_F - Sulfide, Total	353.2, 353.2_Nitrite, Nitrate, Calc	3500_Fe+3_D_Cal, 3500_FE_D	VFA_IC - Standard VFA Compounds	RSK_175 - Methane, Ethane, Ethylene	8260C - TCL VOCs
LAOW11_1	8/24/21	1627	G	Water												
LAOW11_6	8/24/21	1820	G	Water	NN											
LAOW11_9	8/24/21	1520	G	Water	NN											
MW-5	8/24/21			Water												
MW-9	8/24/21			Water												
MW-12	8/24/21	1718	G	Water	NN											
MW-14	8/24/21	1625	G	Water	NN											
MW-15	8/24/21	1405	G	Water	NN											
MW-19	8/24/21	1725	G	Water	NN											

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:** _____

Relinquished by: CM **Date/Time:** 8/25/21 1630 **Company:** _____

Relinquished by: _____ **Date/Time:** _____ **Company:** _____

Relinquished by: _____ **Date/Time:** _____ **Company:** _____

Custody Seals Intact: Δ Yes Δ No **Custody Seal No.:** _____

Method of Shipment: _____ **Date/Time:** _____ **Company:** _____

Received by: PP **Date/Time:** 8/26/21 1050 **Company:** _____

Received by: _____ **Date/Time:** _____ **Company:** _____

Received by: _____ **Date/Time:** _____ **Company:** _____

Cooler Temperature(s) °C and Other Remarks:

Chain of Custody Record

Environment Testing
America

Pg 3 of 3

Client Information		Sampler: <u>Chris Myers</u>		Lab PM: <u>Barnett, Eddie T</u>	Carrier Tracking No(s):	COC No: <u>480-164393-36085.3</u>
Client Contact: <u>Kris Blum</u>		Phone: <u>644 392 7570</u>		E-Mail: <u>Eddie.Barnett@Eurofinset.com</u>	State of Origin:	Page: <u>Page 3 of 4</u>
Company: <u>EHS Support, LLC</u>		PWSID:		Job #:		
Address: <u>844 E Washington Street</u>		Due Date Requested:		Analysis Requested		
City: <u>Louisville</u>		TAT Requested (days): <u>Standard 10</u>		Preservation Codes:		
State, Zip: <u>KY 40206</u>		Compliance Project: <u>Δ Yes Δ No</u>		A - HCL B - NaOH C - Zn Acetate D - Nitric Acid E - NaHSO4 F - MeOH G - Anchlor H - Ascorbic Acid I - Ice J - DI Water K - EDTA L - EDA Other:		
Phone:		PO #:		Preservation Codes:		
Email: <u>kris.blum@ehs-support.com</u>		FY2021 PO Needed (req 08/17/21)		M - Hexane N - None O - AsNaO2 P - Na2O4S Q - Na2SO3 R - Na2SO3 S - H2SO4 T - TSP Dodecahydrate U - Acetone V - MCAA W - pH 4-5 Z - other (specify)		
Project Name: <u>Ashland Lee Ave. Railroad - Norwich NY</u>		Task 100 or 400		Other:		
Project #: <u>48016401</u>		SSOW#:		Special Instructions/Note:		
Site:		Field Filtered Sample (Yes or No)		Total Number of containers		
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)
MW-20	8/24/21	1337	G	Water	Water	MS/MSD Collected
URS-2S	8/25/21	1235	G	Water	Water	
URS-12	8/24/21	1521	G	Water	Water	
URS-13	8/24/21	1427	G	Water	Water	
URS-14	8/25/21	1220	G	Water	Water	
DUP-01	8/24/21	1900	G	Water	Water	
EB-01	8/24/21	1200	G	Water	Water	
TB-01	8/24/21	1200	G	Water	Water	
TB-02	8/25/21	1200	G	Water	Water	
Trip Blank					Water	
Possible Hazard Identification ☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological Deliverable Requested: I, II, III, IV, Other (specify)						
Empty Kit Relinquished by: _____ Date: _____ Time: _____						
Relinquished by: <u>[Signature]</u> Date/Time: <u>8/25/21 1630</u> Company: _____						
Relinquished by: _____ Date/Time: _____ Company: _____						
Relinquished by: _____ Date/Time: _____ Company: _____						
Custody Seals Intact: <u>Δ Yes Δ No</u> Cooler Temperature(s) °C and Other Remarks: _____						

Eurofins TestAmerica, Buffalo

10 Hazelwood Drive

Amherst, NY 14228-2298

Phone: 716-691-2600 Fax: 716-691-7991

Chain of Custody Record



ofins

Environment Testing
America

Client Information (Sub Contract Lab)		Sampler: Lab PM: Barnett, Eddie T	
Client Contact: Shipping/Receiving		Phone: E-Mail: Eddie Barnett@Eurofinset.com	
Company: TestAmerica Laboratories, Inc.		Accreditations Required (See note): NELAP - New York	
Address: 530 Community Drive, Suite 11,		Job #: 480-188784-1	
City: South Burlington		Page 1 of 2	
State Zip: VT, 05403		Preservation Codes:	
Phone: 802-660-1990(Tel) 802-660-1919(Fax)		A - HCL M - Hexane	
Email:		B - NaOH N - None	
Project Name: Ashland Lee Ave. Railroad - Norwich, NY		C - Zn Acetate O - AsNaO2	
Site:		D - Nitric Acid P - Na2O4S	
PO #:		E - NaHSO4 Q - Na2SO3	
WO #:		F - MeOH R - Na2S2O3	
Project #: 48016401		G - Amchlor S - H2SO4	
SSOW#:		H - Ascorbic Acid T - TSP Dodecahydrate	
Date Requested: 9/9/2021		I - Ice U - Acetone	
TAT Requested (days):		J - DI Water V - MCAA	
Date Requested (days):		K - EDTA W - pH 4-5	
Date Requested (days):		L - EDA Z - other (specify)	
Date Requested (days):		Other:	
Date Requested (days):		Total Number of Containers	
Date Requested (days):		Special Instructions/Note:	
Date Requested (days):		RSK_175_CO2/Carbon Dioxide, Dissolved	
Date Requested (days):		Perform MS/MSD (Yes or No)	
Date Requested (days):		Field Filtered Sample (Yes or No)	
Date Requested (days):		Matrix (Water, Solid, Over-sat, BT-Tissue, A-Alp)	
Date Requested (days):		Sample Type (C=Comp, G=grab)	
Date Requested (days):		Sample Time	
Date Requested (days):		Sample Date	
Date Requested (days):		Sample Identification - Client ID (Lab ID)	
Date Requested (days):		MW-11R (480-188784-1)	
Date Requested (days):		LARW11_2 (480-188784-2)	
Date Requested (days):		LARW11_3 (480-188784-3)	
Date Requested (days):		URS-1R (480-188784-4)	
Date Requested (days):		URS-7S (480-188784-5)	
Date Requested (days):		URS-8S (480-188784-6)	
Date Requested (days):		URS-8S (480-188784-6MS)	
Date Requested (days):		URS-8S (480-188784-6MSD)	
Date Requested (days):		URS-9S (480-188784-7)	
Date Requested (days):		Note: Since laboratory accreditations are subject to change, Eurofins TestAmerica places the ownership of method, analyte & accreditation compliance upon out subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/test/matrix being analyzed, the samples must be shipped back to the Eurofins TestAmerica laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins TestAmerica attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins TestAmerica.	
Date Requested (days):		Possible Hazard Identification	
Date Requested (days):		Unconfirmed	
Date Requested (days):		Deliverable Requested: I, II, III, IV, Other (specify)	
Date Requested (days):		Primary Deliverable Rank: 2	
Date Requested (days):		Empty Kit Relinquished by:	
Date Requested (days):		Relinquished by: Date/Time: 8/27/21 17:00 +A	
Date Requested (days):		Relinquished by: Date/Time: 8/30/21 1:00	
Date Requested (days):		Relinquished by: Date/Time:	
Date Requested (days):		Relinquished by: Date/Time:	
Date Requested (days):		Relinquished by: Date/Time:	
Date Requested (days):		Custody Seals Intact: Custody Seal No.:	
Date Requested (days):		Ver: 06/08/2021	



Environment Testing
TestAmerica

Part # 150489-004 R11

RT 914

12:00

A
9747
08:30

*ORIGIN ID:DKKA (716) 691-2600
SAMPLE RECEIPT
EUROFINS TESTAMERICA BUFFALO
10 HAZELWOOD DR

AMHERST, NY 14228
UNITED STATES US

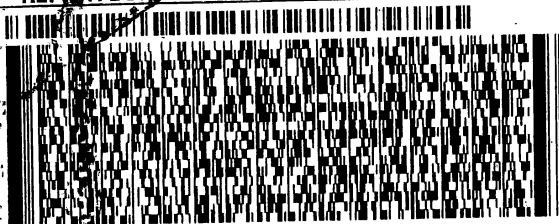
SHIP
ACTWG: 25.83 LB
CAD: 846654/CAFE3409
DIMS: 26x15x14 IN

BILL SENDER

TO
SAMPLE MGT.
TA BURLINGTON
530 COMMUNITY DRIVE
SUITE 11
SOUTH BURLINGTON VT 05403

(802) 923-1028

REF: TA BURLINGTON



FedEx
Express



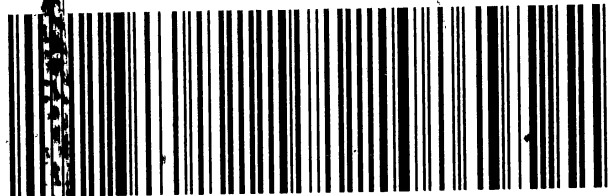
SATURDAY 12:00P
PRIORITY OVERNIGHT

TRK# 1388 3864 9747
0201

X0 BTVA

05403

VT-US BTV



Chain of Custody Record

Environment Testing
America

Client Information (Sub Contract Lab)		Lab PM: Barnett, Eddie T		Carrier Tracking No(s):		COC No: 480-86140.1	
Client Contact: Shipping/Receiving		Phone:		State of Origin: New York		Page: 1 of 2	
Company: TestAmerica Laboratories, Inc.		E-Mail: Eddie.Barnett@Eurofinset.com		Accreditations Required (See note): NELAP - New York		Job #: 480-188784-1	
Address: 4101 Shuffel Street NW,		Due Date Requested: 9/9/2021		Analysis Requested		Preservation Codes:	
City: North Canton		TAT Requested (days):		Perform MS/MSD (Yes or No)		A - HCL B - NaOH C - Zn Acetate D - Nitric Acid E - NaHSO4 F - MeOH G - Amchlor H - Ascorbic Acid I - Ice J - DI Water K - EDTA L - EDA Other:	
State, Zip: OH, 44720		PO #:		Field Filtered Sample (Yes or No)		M - Hexane N - None O - AsNaO2 P - Na2SO4 Q - Na2SO3 R - Na2SO3 S - H2SO4 T - TSP Dodecahydrate U - Acetone V - MCAA W - pH 4-5 Z - other (specify)	
Phone: 330-497-9396(Tel) 330-497-0772(Fax)		WO #:		RSK, 175/ Methane, Ethane, Ethylene, Acetylene		Total Number of containers	
Email:		Project #:		Preservation Code:		Special Instructions/Note:	
Project Name: Ashland Lee Ave. Railroad - Norwich, NY		48016401		Sample Date		3	
Site:		SSOW#:		Sample Time		3	
				Sample Type (C=Comp, G=grab)		3	
				Matrix (W=water, S=solid, O=waste/oil, BT=issue, A=alt)		3	
				Sample Date		3	
				Sample Time		3	
				Sample Type (C=Comp, G=grab)		3	
				Matrix (W=water, S=solid, O=waste/oil, BT=issue, A=alt)		3	
				Sample Date		3	
				Sample Time		3	
				Sample Type (C=Comp, G=grab)		3	
				Matrix (W=water, S=solid, O=waste/oil, BT=issue, A=alt)		3	
				Sample Date		3	
				Sample Time		3	
				Sample Type (C=Comp, G=grab)		3	
				Matrix (W=water, S=solid, O=waste/oil, BT=issue, A=alt)		3	
				Sample Date		3	
				Sample Time		3	
				Sample Type (C=Comp, G=grab)		3	
				Matrix (W=water, S=solid, O=waste/oil, BT=issue, A=alt)		3	
				Sample Date		3	
				Sample Time		3	
				Sample Type (C=Comp, G=grab)		3	
				Matrix (W=water, S=solid, O=waste/oil, BT=issue, A=alt)		3	
				Sample Date		3	
				Sample Time		3	
				Sample Type (C=Comp, G=grab)		3	
				Matrix (W=water, S=solid, O=waste/oil, BT=issue, A=alt)		3	
				Sample Date		3	
				Sample Time		3	
				Sample Type (C=Comp, G=grab)		3	
				Matrix (W=water, S=solid, O=waste/oil, BT=issue, A=alt)		3	
				Sample Date		3	
				Sample Time		3	
				Sample Type (C=Comp, G=grab)		3	
				Matrix (W=water, S=solid, O=waste/oil, BT=issue, A=alt)		3	
				Sample Date		3	
				Sample Time		3	
				Sample Type (C=Comp, G=grab)		3	
				Matrix (W=water, S=solid, O=waste/oil, BT=issue, A=alt)		3	
				Sample Date		3	
				Sample Time		3	
				Sample Type (C=Comp, G=grab)		3	
				Matrix (W=water, S=solid, O=waste/oil, BT=issue, A=alt)		3	
				Sample Date		3	
				Sample Time		3	
				Sample Type (C=Comp, G=grab)		3	
				Matrix (W=water, S=solid, O=waste/oil, BT=issue, A=alt)		3	
				Sample Date		3	
				Sample Time		3	
				Sample Type (C=Comp, G=grab)		3	
				Matrix (W=water, S=solid, O=waste/oil, BT=issue, A=alt)		3	
				Sample Date		3	
				Sample Time		3	
				Sample Type (C=Comp, G=grab)		3	
				Matrix (W=water, S=solid, O=waste/oil, BT=issue, A=alt)		3	
				Sample Date		3	
				Sample Time		3	
				Sample Type (C=Comp, G=grab)		3	
				Matrix (W=water, S=solid, O=waste/oil, BT=issue, A=alt)		3	
				Sample Date		3	
				Sample Time		3	
				Sample Type (C=Comp, G=grab)		3	
				Matrix (W=water, S=solid, O=waste/oil, BT=issue, A=alt)		3	
				Sample Date		3	
				Sample Time		3	
				Sample Type (C=Comp, G=grab)		3	
				Matrix (W=water, S=solid, O=waste/oil, BT=issue, A=alt)		3	
				Sample Date		3	
				Sample Time		3	
				Sample Type (C=Comp, G=grab)		3	
				Matrix (W=water, S=solid, O=waste/oil, BT=issue, A=alt)		3	
				Sample Date		3	
				Sample Time		3	
				Sample Type (C=Comp, G=grab)		3	
				Matrix (W=water, S=solid, O=waste/oil, BT=issue, A=alt)		3	
				Sample Date		3	
				Sample Time		3	
				Sample Type (C=Comp, G=grab)		3	
				Matrix (W=water, S=solid, O=waste/oil, BT=issue, A=alt)		3	
				Sample Date		3	
				Sample Time		3	
				Sample Type (C=Comp, G=grab)		3	
				Matrix (W=water, S=solid, O=waste/oil, BT=issue, A=alt)		3	
				Sample Date		3	
				Sample Time		3	
				Sample Type (C=Comp, G=grab)		3	
				Matrix (W=water, S=solid, O=waste/oil, BT=issue, A=alt)		3	
				Sample Date		3	
				Sample Time		3	
				Sample Type (C=Comp, G=grab)		3	
				Matrix (W=water, S=solid, O=waste/oil, BT=issue, A=alt)		3	
				Sample Date		3	
				Sample Time		3	
				Sample Type (C=Comp, G=grab)		3	
				Matrix (W=water, S=solid, O=waste/oil, BT=issue, A=alt)		3	
				Sample Date		3	
				Sample Time		3	
				Sample Type (C=Comp, G=grab)		3	
				Matrix (W=water, S=solid, O=waste/oil, BT=issue, A=alt)		3	
				Sample Date		3	
				Sample Time		3	
				Sample Type (C=Comp, G=grab)		3	
				Matrix (W=water, S=solid, O=waste/oil, BT=issue, A=alt)		3	
				Sample Date		3	
				Sample Time		3	
				Sample Type (C=Comp, G=grab)		3	
				Matrix (W=water, S=solid, O=waste/oil, BT=issue, A=alt)		3	
				Sample Date		3	
				Sample Time		3	
				Sample Type (C=Comp, G=grab)		3	
				Matrix (W=water, S=solid, O=waste/oil, BT=issue, A=alt)		3	
				Sample Date		3	
				Sample Time		3	
				Sample Type (C=Comp, G=grab)		3	
				Matrix (W=water, S=solid, O=waste/oil, BT=issue, A=alt)		3	
				Sample Date		3	
				Sample Time		3	
				Sample Type (C=Comp, G=grab)		3	
				Matrix (W=water, S=solid, O=waste/oil, BT=issue, A=alt)		3	
				Sample Date		3	
				Sample Time		3	
				Sample Type (C=Comp, G=grab)		3	
				Matrix (W=water, S=solid, O=waste/oil, BT=issue, A=alt)		3	
				Sample Date		3	
				Sample Time		3	
				Sample Type (C=Comp, G=grab)		3	
				Matrix (W=water, S=solid, O=waste/oil, BT=issue, A=alt)		3	
				Sample Date		3	
				Sample Time		3	
				Sample Type (C=Comp, G=grab)		3	
				Matrix (W=water, S=solid, O=waste/oil, BT=issue, A=alt)		3	
				Sample Date		3	
				Sample Time		3	
				Sample Type (C=Comp, G=grab)		3	
				Matrix (W=water, S=solid, O=waste/oil, BT=issue, A=alt)		3	
				Sample Date		3	
				Sample Time		3	
				Sample Type (C=Comp, G=grab)		3	
				Matrix (W=water, S=solid, O=waste/oil, BT=issue, A=alt)		3	
				Sample Date		3	
				Sample Time		3	
				Sample Type (C=Comp, G=grab)		3	
				Matrix (W=water, S=solid, O=waste/oil, BT=issue, A=alt)		3	
				Sample Date		3	
				Sample Time		3	
				Sample Type (C=Comp, G=grab)		3	
				Matrix (W=water, S=solid, O=waste/oil, BT=issue, A=alt)		3	
				Sample Date		3	
				Sample Time		3	
				Sample Type (C=Comp, G=grab)		3	
				Matrix (W=water, S=solid, O=waste/oil, BT=issue, A=alt)		3	
				Sample Date		3	
				Sample Time		3	
				Sample Type (C=Comp, G=grab)		3	
				Matrix (W=water, S=solid, O=waste/oil, BT=issue, A=alt)		3	
				Sample Date		3	
				Sample Time		3	
				Sample Type (C=Comp, G=grab)		3	
				Matrix (W=water, S=solid, O=waste/oil, BT=issue, A=alt)		3	
				Sample Date		3	
				Sample Time		3	
				Sample Type (C=Comp, G=grab)		3	
				Matrix (W=water, S=solid, O=waste/oil, BT=issue, A=alt)		3	
				Sample Date		3	
				Sample Time		3	
				Sample Type (C=Comp, G=grab)		3	
				Matrix (W=water, S=solid, O=waste/oil, BT=issue, A=alt)		3	
				Sample Date		3	
				Sample Time		3	
				Sample Type (C=Comp, G=grab)		3	
				Matrix (W=water, S=solid, O=waste/oil, BT=issue, A=alt)		3	
				Sample Date		3	
				Sample Time		3	
				Sample Type (C=Comp, G=grab)		3	
				Matrix (W=water, S=solid, O=waste/oil, BT=issue, A=alt)		3	
				Sample Date		3	
				Sample Time		3	
				Sample Type (C=Comp, G=grab)		3	
				Matrix (W=water, S=solid, O=waste/oil, BT=issue, A=alt)		3	
				Sample Date		3	
				Sample Time		3	
				Sample Type (C=Comp, G=grab)		3	
				Matrix (W=water, S=solid, O=waste/oil, BT=issue, A=alt)		3	
				Sample Date		3	
				Sample Time		3	
				Sample Type (C=Comp, G=grab)		3	
				Matrix (W=water, S=solid, O=waste/oil, BT=issue, A=alt)		3	
				Sample Date		3	
				Sample Time		3	
				Sample Type (C=Comp, G=grab)		3	
				Matrix (W=water, S=solid, O=waste/oil, BT=issue, A=alt)		3	
				Sample Date		3	
				Sample Time		3	
				Sample Type (C=Comp, G=grab)		3	
				Matrix (W=water, S=solid, O=waste/oil, BT=issue, A=alt)		3	
				Sample Date		3	
				Sample Time		3	
				Sample Type (C=Comp, G=grab)		3	
				Matrix (W=water, S=solid, O=waste/oil, BT=issue, A=alt)		3	
				Sample Date		3	
				Sample Time		3	
				Sample Type (C=Comp, G=grab)		3	
				Matrix (W=water, S=solid, O=waste/oil, BT=issue, A=alt)		3	
				Sample Date		3	
				Sample Time		3	
				Sample Type (C=Comp, G=grab)		3	
				Matrix (W=water, S=solid, O=waste/oil, BT=issue, A=alt)		3	
				Sample Date		3	
				Sample Time		3	
				Sample Type (C=Comp, G=grab)		3	
				Matrix (W=water, S=solid, O=waste/oil, BT=issue, A=alt)		3	
				Sample Date		3	
				Sample Time		3	
				Sample Type (C=Comp, G=grab)		3	
				Matrix (W=water, S=solid, O=waste/oil, BT=issue, A=alt)		3	
				Sample Date		3	
				Sample Time		3	
				Sample Type (C=Comp, G=grab)		3	
				Matrix (W=water, S=solid, O=waste/oil, BT=issue, A=alt)		3	

Ver: 06/08/2021

Eurofins TestAmerica Canton Sample Receipt Form/Narrative				Login # : _____	
Canton Facility					
Client <u>ETA</u>		Site Name _____		Cooler unpacked by: <u>Nancy Ragh</u>	
Cooler Received on <u>8-28-21</u>		Opened on <u>8-28-21</u>			
FedEx: 1 st Grd Exp		UPS FAS Clipper		Client Drop Off TestAmerica Courier Other	
Receipt After-hours Drop-off Date/Time _____ Storage Location _____					
TestAmerica Cooler # <u>TA</u>		Foam Box		Client Cooler Box Other	
Packing material used: <u>Bubble Wrap</u>		Foam Plastic Bag		None Other	
COOLANT: <u>Wet Ice</u>		Blue Ice Dry Ice Water		None	
1. Cooler temperature upon receipt		☐ See Multiple Cooler Form			
IR GUN# IR-11 (CF +0.1 °C)		Observed Cooler Temp. <u>1.2</u> °C		Corrected Cooler Temp. <u>1.3</u> °C	
IR GUN #IR-12 (CF +0.2 °C)		Observed Cooler Temp. _____ °C		Corrected Cooler Temp. _____ °C	
2. Were tamper/custody seals on the outside of the cooler(s)? If Yes Quantity <u>1</u>		☒ Yes ☐ No			
-Were the seals on the outside of the cooler(s) signed & dated?		☒ Yes ☐ No NA			
-Were tamper/custody seals on the bottle(s) or bottle kits (LLHg/MeHg)?		☒ Yes ☐ No NA			
-Were tamper/custody seals intact and uncompromised?		☒ Yes ☐ No NA			
3. Shippers' packing slip attached to the cooler(s)?		☒ Yes ☐ No			
4. Did custody papers accompany the sample(s)?		☒ Yes ☐ No			
5. Were the custody papers relinquished & signed in the appropriate place?		☒ Yes ☐ No			
6. Was/were the person(s) who collected the samples clearly identified on the COC?		☒ Yes ☐ No			
7. Did all bottles arrive in good condition (Unbroken)?		☒ Yes ☐ No			
8. Could all bottle labels (ID/Date/Time) be reconciled with the COC?		☒ Yes ☐ No			
9. For each sample, does the COC specify preservatives (Y/N), # of containers (Y/N), and sample type of grab/comp (Y/N)?		☒ Yes ☐ No			
10. Were correct bottle(s) used for the test(s) indicated?		☒ Yes ☐ No			
11. Sufficient quantity received to perform indicated analyses?		☒ Yes ☐ No			
12. Are these work share samples and all listed on the COC?		☒ Yes ☐ No			
If yes, Questions 13-17 have been checked at the originating laboratory.					
13. Were all preserved sample(s) at the correct pH upon receipt?		☒ Yes ☐ No NA		pH Strip Lot# <u>HC157842</u>	
14. Were VOAs on the COC?		☒ Yes ☐ No			
15. Were air bubbles >6 mm in any VOA vials? Larger than this.		☒ Yes ☐ No NA			
16. Was a VOA trip blank present in the cooler(s)? Trip Blank Lot # _____		☒ Yes ☐ No			
17. Was a LL Hg or Me Hg trip blank present?		☒ Yes ☐ No			
Contacted PM _____ Date _____ by _____ via Verbal Voice Mail Other					
Concerning _____					

18. CHAIN OF CUSTODY & SAMPLE DISCREPANCIES ☐ additional next page		Samples processed by: _____	
_____ _____ _____ _____			
19. SAMPLE CONDITION			
Sample(s) _____ were received after the recommended holding time had expired.			
Sample(s) _____ were received in a broken container.			
Sample(s) _____ were received with bubble >6 mm in diameter. (Notify PM)			
20. SAMPLE PRESERVATION			
Sample(s) _____ were further preserved in the laboratory.			
Time preserved: _____ Preservative(s) added/Lot number(s): _____			
VOA Sample Preservation - Date/Time VOAs Frozen: _____			

WI-NC-099

1
2
3
4
5
6
7
8
9
10
11
12
13
14

Login Sample Receipt Checklist

Client: EHS Support, LLC

Job Number: 480-188784-1

SDG Number:

Login Number: 188784

List Number: 1

Creator: Stopa, Erik S

List Source: Eurofins TestAmerica, Buffalo

Question	Answer	Comment
Radioactivity either was not measured or, if measured, is at or below background	N/A	
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.	N/A	
Chlorine Residual checked.	N/A	

Login Sample Receipt Checklist

Client: EHS Support, LLC

Job Number: 480-188784-1

SDG Number:

Login Number: 188784

List Number: 3

Creator: Khudaier, Zahraa

List Source: Eurofins TestAmerica, Burlington

List Creation: 08/31/21 10:39 AM

Question	Answer	Comment
Radioactivity wasn't checked or is $\leq$ background as measured by a survey meter.	N/A	Lab does not accept radioactive samples.
The cooler's custody seal, if present, is intact.	True	1512562
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	16.5°C
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	Received project as a subcontract.
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?	N/A	Received project as a subcontract.
There are no discrepancies between the containers received 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	
Containers requiring zero headspace have no headspace or bubble is $<6\text{mm}$ (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

Accreditation/Certification Summary

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

Job ID: 480-188784-1

Laboratory: Eurofins TestAmerica, Buffalo

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

Authority	Program	Identification Number	Expiration Date
New York	NELAP	10026	04-01-22
The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.			
Analysis Method	Prep Method	Matrix	Analyte
9060A		Water	Dissolved Organic Carbon
SM 3500		Water	Ferric Iron
SM 3500 FE D		Water	Ferrous Iron
VFA-IC		Water	Acetic acid
VFA-IC		Water	Formic-acid
VFA-IC		Water	Lactic acid
VFA-IC		Water	n-Butyric Acid
VFA-IC		Water	Propionic acid
VFA-IC		Water	Pyruvic Acid

Laboratory: Eurofins TestAmerica, Burlington

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	Identification Number	Expiration Date
ANAB	Dept. of Defense ELAP	L2336	02-25-23
Connecticut	State	PH-0751	09-30-21
DE Haz. Subst. Cleanup Act (HSCA)	State	N/A	05-17-22
Florida	NELAP	E87467	06-30-22
Minnesota	NELAP	050-999-436	12-31-21
New Hampshire	NELAP	2006	12-18-21
New Jersey	NELAP	VT972	06-30-22
New York	NELAP	10391	04-01-22
Pennsylvania	NELAP	68-00489	04-30-22
Rhode Island	State	LAO00298	12-30-21
US Fish & Wildlife	US Federal Programs	058448	07-31-22
USDA	US Federal Programs	P330-17-00272	10-30-23
Vermont	State	VT4000	02-10-22
Virginia	NELAP	460209	12-14-21
Wisconsin	State	399133350	08-31-22

Laboratory: Eurofins TestAmerica, Canton

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	Identification Number	Expiration Date
California	State	2927	02-23-22
Connecticut	State	PH-0590	12-31-21
Florida	NELAP	E87225	06-30-22
Georgia	State	4062	02-23-22
Illinois	NELAP	200004	07-31-22
Iowa	State	421	06-01-23
Kansas	NELAP	E-10336	04-30-22
Kentucky (UST)	State	112225	02-23-22
Kentucky (WW)	State	KY98016	12-31-21
Minnesota	NELAP	OH00048	12-31-21
Minnesota (Petrofund)	State	3506	08-01-23
New Jersey	NELAP	OH001	06-30-22

Accreditation/Certification Summary

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

Job ID: 480-188784-1

Laboratory: Eurofins TestAmerica, Canton (Continued)

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	Identification Number	Expiration Date
New York	NELAP	10975	03-31-22
Ohio VAP	State	CL0024	12-21-23
Oregon	NELAP	4062	02-23-22
Pennsylvania	NELAP	68-00340	08-31-22
Texas	NELAP	T104704517-18-10	08-31-21
USDA	US Federal Programs	P330-18-00281	09-17-21
Virginia	NELAP	010101	09-14-21
Washington	State	C971	01-12-22
West Virginia DEP	State	210	12-31-21

ANALYTICAL REPORT

Eurofins TestAmerica, Buffalo
10 Hazelwood Drive
Amherst, NY 14228-2298
Tel: (716)691-2600

Laboratory Job ID: 480-188831-1

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

For:

EHS Support, LLC
22 Brockman Drive
Charleston, South Carolina 29412

Attn: Cassie Reuter



Authorized for release by:
9/7/2021 10:04:01 AM

Eddie Barnett, Project Manager I
(912)250-0280
Eddie.Barnett@Eurofinset.com

LINKS

Review your project
results through

TotalAccess

Have a Question?



Visit us at:

www.eurofinsus.com/Env

The test results in this report meet all 2003 NELAC, 2009 TNI, and 2016 TNI requirements for accredited parameters, exceptions are noted in this report. This report may not be reproduced except in full, and with written approval from the laboratory. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

Table of Contents

Cover Page	1
Table of Contents	2
Case Narrative	3
Sample Summary	5
Method Summary	6
Definitions/Glossary	7
Detection Summary	8
Client Sample Results	9
Surrogate Summary	12
QC Sample Results	13
QC Association Summary	19
Lab Chronicle	21
Chain of Custody	22
Receipt Checklists	23
Certification Summary	24



Case Narrative

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

Job ID: 480-188831-1

Job ID: 480-188831-1

Laboratory: Eurofins TestAmerica, Buffalo

Narrative

CASE NARRATIVE **Client: EHS Support, LLC** **Project: Ashland Lee Ave. Railroad - Norwich, NY**

Report Number: 480-188831-1

With the exceptions noted as flags or footnotes, standard analytical protocols were followed in the analysis of the samples and no problems were encountered or anomalies observed. In addition all laboratory quality control samples were within established control limits, with any exceptions noted below. Each sample was analyzed to achieve the lowest possible reporting limit within the constraints of the method. In the event of interference or analytes present at high concentrations, samples may be diluted. For diluted samples, the reporting limits are adjusted relative to the dilution required.

RECEIPT

The samples were received on 08/27/2021; the samples arrived in good condition, properly preserved and on ice. The temperature of the cooler at receipt was 2.7° C.

VOLATILE ORGANIC COMPOUNDS

Samples TB-03 (480-188831-1) and MW-9 (480-188831-3) were analyzed for Volatile Organic Compounds in accordance with EPA SW846 Method 8260C. The samples were analyzed on 08/31/2021.

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

METALS (ICP) - DISSOLVED

Sample MW-11R (480-188831-2) was analyzed for Metals (ICP) - Dissolved in accordance with EPA SW-846 Method 6010C. The samples were prepared and analyzed on 09/01/2021.

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

DISSOLVED FERROUS IRON

Sample MW-11R (480-188831-2) was analyzed for dissolved ferrous iron in accordance with SM 3500 FE D. The samples were analyzed on 08/28/2021.

This analysis is normally performed in the field and has a method-defined holding time of 15 minutes. The samples were analyzed in the laboratory outside the 15 minute timeframe.

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

FERRIC IRON

Sample MW-11R (480-188831-2) was analyzed for ferric iron in accordance with 3500_Fe+3. The samples were analyzed on 09/03/2021.

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

NITRATE-NITRITE AS NITROGEN

Sample MW-11R (480-188831-2) was analyzed for nitrate-nitrite as nitrogen in accordance with EPA Method 353.2. The samples were analyzed on 08/27/2021.

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

NITRITE AS NITROGEN

Sample MW-11R (480-188831-2) was analyzed for Nitrite as nitrogen in accordance with EPA Method 353.2. The samples were analyzed on 08/27/2021.

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

Case Narrative

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

Job ID: 480-188831-1

Job ID: 480-188831-1 (Continued)

Laboratory: Eurofins TestAmerica, Buffalo (Continued)

ANIONS

Sample MW-11R (480-188831-2) was analyzed for anions in accordance with EPA SW-846 Method 9056. The samples were analyzed on 09/02/2021.

Sample MW-11R (480-188831-2)[2X] required dilution prior to analysis. The reporting limits have been adjusted accordingly.

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

DISSOLVED ORGANIC CARBON (DOC)

Sample MW-11R (480-188831-2) was analyzed for Dissolved Organic Carbon (DOC) in accordance with EPA SW-846 9060A. The samples were analyzed on 09/03/2021.

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

NITRATE

Sample MW-11R (480-188831-2) was analyzed for nitrate in accordance with EPA Method 353.2. The samples were analyzed on 08/27/2021.

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

SULFIDE

Sample MW-11R (480-188831-2) was analyzed for sulfide in accordance with SM 4500 S2 F. The samples were analyzed on 08/31/2021.

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

Sample Summary

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

Job ID: 480-188831-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
480-188831-1	TB-03	Water	08/26/21 12:00	08/27/21 10:00
480-188831-2	MW-11R	Water	08/26/21 08:30	08/27/21 10:00
480-188831-3	MW-9	Water	08/26/21 09:05	08/27/21 10:00

1

2

3

4

5

6

7

8

9

10

11

12

13

14

Method Summary

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

Job ID: 480-188831-1

Method	Method Description	Protocol	Laboratory
8260C	Volatile Organic Compounds by GC/MS	SW846	TAL BUF
6010C	Metals (ICP)	SW846	TAL BUF
353.2	Nitrogen, Nitrate-Nitrite	MCAWW	TAL BUF
353.2	Nitrogen, Nitrite	MCAWW	TAL BUF
9056A	Anions, Ion Chromatography	SW846	TAL BUF
9060A	Organic Carbon, Dissolved (DOC)	SW846	TAL BUF
Nitrate by calc	Nitrogen, Nitrate-Nitrite	SM	TAL BUF
SM 3500	Iron, Ferric	SM	TAL BUF
SM 3500 FE D	Iron, Ferrous and Ferric	SM	TAL BUF
SM 4500 S2 F	Sulfide, Total	SM	TAL BUF
3005A	Preparation, Total Recoverable or Dissolved Metals	SW846	TAL BUF
5030C	Purge and Trap	SW846	TAL BUF

Protocol References:

MCAWW = "Methods For Chemical Analysis Of Water And Wastes", EPA-600/4-79-020, March 1983 And Subsequent Revisions.

SM = "Standard Methods For The Examination Of Water And Wastewater"

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

Laboratory References:

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

Definitions/Glossary

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

Job ID: 480-188831-1

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.

Metals

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

General Chemistry

Qualifier	Qualifier Description
HF	Field parameter with a holding time of 15 minutes. Test performed by laboratory at client's request.
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.

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
Project/Site: Ashland Lee Ave. Railroad - Norwich, NY

Job ID: 480-188831-1

Client Sample ID: TB-03

Lab Sample ID: 480-188831-1

No Detections.

Client Sample ID: MW-11R

Lab Sample ID: 480-188831-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil	Fac	D	Method	Prep Type
Iron, Dissolved	5.3		0.050	0.019	mg/L	1			6010C	Dissolved
Nitrate Nitrite as N	0.047	J	0.050	0.020	mg/L	1			353.2	Total/NA
Chloride	47.1		1.0	0.56	mg/L	2			9056A	Total/NA
Sulfate	0.82	J	4.0	0.70	mg/L	2			9056A	Total/NA
Nitrate as N	0.047	J	0.050	0.020	mg/L	1			Nitrate by calc	Total/NA
Dissolved Organic Carbon	19.8		1.0	0.43	mg/L	1			9060A	Dissolved
Ferric Iron	4.3		0.10	0.075	mg/L	1			SM 3500	Dissolved
Ferrous Iron	0.97	HF	0.10	0.075	mg/L	1			SM 3500 FE D	Dissolved

Client Sample ID: MW-9

Lab Sample ID: 480-188831-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil	Fac	D	Method	Prep Type
Chloroform	0.38	J	1.0	0.34	ug/L	1			8260C	Total/NA
Trichloroethene	1.1		1.0	0.46	ug/L	1			8260C	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins TestAmerica, Buffalo

Client Sample Results

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

Job ID: 480-188831-1

Client Sample ID: TB-03

Lab Sample ID: 480-188831-1

Date Collected: 08/26/21 12:00

Matrix: Water

Date Received: 08/27/21 10:00

Method: 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			08/31/21 19:40	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.21	ug/L			08/31/21 19:40	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.31	ug/L			08/31/21 19:40	1
1,1,2-Trichloroethane	1.0	U	1.0	0.23	ug/L			08/31/21 19:40	1
1,1-Dichloroethane	1.0	U	1.0	0.38	ug/L			08/31/21 19:40	1
1,1-Dichloroethene	1.0	U	1.0	0.29	ug/L			08/31/21 19:40	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.41	ug/L			08/31/21 19:40	1
1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.39	ug/L			08/31/21 19:40	1
1,2-Dichlorobenzene	1.0	U	1.0	0.79	ug/L			08/31/21 19:40	1
1,2-Dichloroethane	1.0	U	1.0	0.21	ug/L			08/31/21 19:40	1
1,2-Dichloropropane	1.0	U	1.0	0.72	ug/L			08/31/21 19:40	1
1,3-Dichlorobenzene	1.0	U	1.0	0.78	ug/L			08/31/21 19:40	1
1,4-Dichlorobenzene	1.0	U	1.0	0.84	ug/L			08/31/21 19:40	1
2-Butanone (MEK)	10	U	10	1.3	ug/L			08/31/21 19:40	1
2-Hexanone	5.0	U	5.0	1.2	ug/L			08/31/21 19:40	1
4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	2.1	ug/L			08/31/21 19:40	1
Acetone	10	U	10	3.0	ug/L			08/31/21 19:40	1
Benzene	1.0	U	1.0	0.41	ug/L			08/31/21 19:40	1
Bromoform	1.0	U	1.0	0.26	ug/L			08/31/21 19:40	1
Bromomethane	1.0	U	1.0	0.69	ug/L			08/31/21 19:40	1
Carbon disulfide	1.0	U	1.0	0.19	ug/L			08/31/21 19:40	1
Carbon tetrachloride	1.0	U	1.0	0.27	ug/L			08/31/21 19:40	1
Chlorobenzene	1.0	U	1.0	0.75	ug/L			08/31/21 19:40	1
Dibromochloromethane	1.0	U	1.0	0.32	ug/L			08/31/21 19:40	1
Chloroethane	1.0	U	1.0	0.32	ug/L			08/31/21 19:40	1
Chloroform	1.0	U	1.0	0.34	ug/L			08/31/21 19:40	1
Chloromethane	1.0	U	1.0	0.35	ug/L			08/31/21 19:40	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.81	ug/L			08/31/21 19:40	1
Cyclohexane	1.0	U	1.0	0.18	ug/L			08/31/21 19:40	1
Bromodichloromethane	1.0	U	1.0	0.39	ug/L			08/31/21 19:40	1
Dichlorodifluoromethane	1.0	U	1.0	0.68	ug/L			08/31/21 19:40	1
Ethylbenzene	1.0	U	1.0	0.74	ug/L			08/31/21 19:40	1
1,2-Dibromoethane	1.0	U	1.0	0.73	ug/L			08/31/21 19:40	1
Isopropylbenzene	1.0	U	1.0	0.79	ug/L			08/31/21 19:40	1
Methyl acetate	2.5	U	2.5	1.3	ug/L			08/31/21 19:40	1
Methyl tert-butyl ether	1.0	U	1.0	0.16	ug/L			08/31/21 19:40	1
Methylcyclohexane	1.0	U	1.0	0.16	ug/L			08/31/21 19:40	1
Methylene Chloride	1.0	U	1.0	0.44	ug/L			08/31/21 19:40	1
Tetrachloroethene	1.0	U	1.0	0.36	ug/L			08/31/21 19:40	1
Toluene	1.0	U	1.0	0.51	ug/L			08/31/21 19:40	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.90	ug/L			08/31/21 19:40	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.37	ug/L			08/31/21 19:40	1
Trichloroethene	1.0	U	1.0	0.46	ug/L			08/31/21 19:40	1
Trichlorofluoromethane	1.0	U	1.0	0.88	ug/L			08/31/21 19:40	1
Vinyl chloride	1.0	U	1.0	0.90	ug/L			08/31/21 19:40	1
Xylenes, Total	2.0	U	2.0	0.66	ug/L			08/31/21 19:40	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.36	ug/L			08/31/21 19:40	1
Styrene	1.0	U	1.0	0.73	ug/L			08/31/21 19:40	1

Eurofins TestAmerica, Buffalo

Client Sample Results

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

Job ID: 480-188831-1

Client Sample ID: TB-03

Date Collected: 08/26/21 12:00

Date Received: 08/27/21 10:00

Lab Sample ID: 480-188831-1

Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	105		77 - 120		08/31/21 19:40	1
4-Bromofluorobenzene (Surr)	88		73 - 120		08/31/21 19:40	1
Toluene-d8 (Surr)	97		80 - 120		08/31/21 19:40	1
Dibromofluoromethane (Surr)	107		75 - 123		08/31/21 19:40	1

Client Sample ID: MW-11R

Date Collected: 08/26/21 08:30

Date Received: 08/27/21 10:00

Lab Sample ID: 480-188831-2

Matrix: Water

Method: 6010C - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Iron, Dissolved	5.3		0.050	0.019	mg/L		09/01/21 09:30	09/01/21 16:38	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrate Nitrite as N	0.047	J	0.050	0.020	mg/L			08/27/21 13:57	1
Nitrite as N	0.050	U	0.050	0.020	mg/L			08/27/21 17:27	1
Chloride	47.1		1.0	0.56	mg/L			09/02/21 02:10	2
Sulfate	0.82	J	4.0	0.70	mg/L			09/02/21 02:10	2
Nitrate as N	0.047	J	0.050	0.020	mg/L			08/27/21 13:57	1
Sulfide	1.0	U	1.0	0.67	mg/L			08/31/21 12:49	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dissolved Organic Carbon	19.8		1.0	0.43	mg/L			09/03/21 06:10	1
Ferric Iron	4.3		0.10	0.075	mg/L			09/03/21 15:53	1
Ferrous Iron	0.97	HF	0.10	0.075	mg/L			08/28/21 18:45	1

Client Sample ID: MW-9

Date Collected: 08/26/21 09:05

Date Received: 08/27/21 10:00

Lab Sample ID: 480-188831-3

Matrix: Water

Method: 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			08/31/21 20:02	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.21	ug/L			08/31/21 20:02	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.31	ug/L			08/31/21 20:02	1
1,1,2-Trichloroethane	1.0	U	1.0	0.23	ug/L			08/31/21 20:02	1
1,1-Dichloroethane	1.0	U	1.0	0.38	ug/L			08/31/21 20:02	1
1,1-Dichloroethene	1.0	U	1.0	0.29	ug/L			08/31/21 20:02	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.41	ug/L			08/31/21 20:02	1
1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.39	ug/L			08/31/21 20:02	1
1,2-Dichlorobenzene	1.0	U	1.0	0.79	ug/L			08/31/21 20:02	1
1,2-Dichloroethane	1.0	U	1.0	0.21	ug/L			08/31/21 20:02	1
1,2-Dichloropropane	1.0	U	1.0	0.72	ug/L			08/31/21 20:02	1
1,3-Dichlorobenzene	1.0	U	1.0	0.78	ug/L			08/31/21 20:02	1
1,4-Dichlorobenzene	1.0	U	1.0	0.84	ug/L			08/31/21 20:02	1
2-Butanone (MEK)	10	U	10	1.3	ug/L			08/31/21 20:02	1
2-Hexanone	5.0	U	5.0	1.2	ug/L			08/31/21 20:02	1
4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	2.1	ug/L			08/31/21 20:02	1
Acetone	10	U	10	3.0	ug/L			08/31/21 20:02	1

Eurofins TestAmerica, Buffalo

Client Sample Results

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

Job ID: 480-188831-1

Client Sample ID: MW-9

Lab Sample ID: 480-188831-3

Date Collected: 08/26/21 09:05

Matrix: Water

Date Received: 08/27/21 10:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	1.0	U	1.0	0.41	ug/L			08/31/21 20:02	1
Bromoform	1.0	U	1.0	0.26	ug/L			08/31/21 20:02	1
Bromomethane	1.0	U	1.0	0.69	ug/L			08/31/21 20:02	1
Carbon disulfide	1.0	U	1.0	0.19	ug/L			08/31/21 20:02	1
Carbon tetrachloride	1.0	U	1.0	0.27	ug/L			08/31/21 20:02	1
Chlorobenzene	1.0	U	1.0	0.75	ug/L			08/31/21 20:02	1
Dibromochloromethane	1.0	U	1.0	0.32	ug/L			08/31/21 20:02	1
Chloroethane	1.0	U	1.0	0.32	ug/L			08/31/21 20:02	1
Chloroform	0.38	J	1.0	0.34	ug/L			08/31/21 20:02	1
Chloromethane	1.0	U	1.0	0.35	ug/L			08/31/21 20:02	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.81	ug/L			08/31/21 20:02	1
Cyclohexane	1.0	U	1.0	0.18	ug/L			08/31/21 20:02	1
Bromodichloromethane	1.0	U	1.0	0.39	ug/L			08/31/21 20:02	1
Dichlorodifluoromethane	1.0	U	1.0	0.68	ug/L			08/31/21 20:02	1
Ethylbenzene	1.0	U	1.0	0.74	ug/L			08/31/21 20:02	1
1,2-Dibromoethane	1.0	U	1.0	0.73	ug/L			08/31/21 20:02	1
Isopropylbenzene	1.0	U	1.0	0.79	ug/L			08/31/21 20:02	1
Methyl acetate	2.5	U	2.5	1.3	ug/L			08/31/21 20:02	1
Methyl tert-butyl ether	1.0	U	1.0	0.16	ug/L			08/31/21 20:02	1
Methylcyclohexane	1.0	U	1.0	0.16	ug/L			08/31/21 20:02	1
Methylene Chloride	1.0	U	1.0	0.44	ug/L			08/31/21 20:02	1
Tetrachloroethene	1.0	U	1.0	0.36	ug/L			08/31/21 20:02	1
Toluene	1.0	U	1.0	0.51	ug/L			08/31/21 20:02	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.90	ug/L			08/31/21 20:02	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.37	ug/L			08/31/21 20:02	1
Trichloroethene	1.1		1.0	0.46	ug/L			08/31/21 20:02	1
Trichlorofluoromethane	1.0	U	1.0	0.88	ug/L			08/31/21 20:02	1
Vinyl chloride	1.0	U	1.0	0.90	ug/L			08/31/21 20:02	1
Xylenes, Total	2.0	U	2.0	0.66	ug/L			08/31/21 20:02	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.36	ug/L			08/31/21 20:02	1
Styrene	1.0	U	1.0	0.73	ug/L			08/31/21 20:02	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	104		77 - 120		08/31/21 20:02	1
4-Bromofluorobenzene (Surr)	86		73 - 120		08/31/21 20:02	1
Toluene-d8 (Surr)	97		80 - 120		08/31/21 20:02	1
Dibromofluoromethane (Surr)	107		75 - 123		08/31/21 20:02	1

Surrogate Summary

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

Job ID: 480-188831-1

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

Matrix: Water

Prep Type: Total/NA

Percent Surrogate Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	DCA (77-120)	BFB (73-120)	TOL (80-120)	DBFM (75-123)
480-188831-1	TB-03	105	88	97	107
480-188831-3	MW-9	104	86	97	107
LCS 480-594708/5	Lab Control Sample	97	95	100	101
MB 480-594708/7	Method Blank	100	90	98	102

Surrogate Legend

DCA = 1,2-Dichloroethane-d4 (Surr)

BFB = 4-Bromofluorobenzene (Surr)

TOL = Toluene-d8 (Surr)

DBFM = Dibromofluoromethane (Surr)

QC Sample Results

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

Job ID: 480-188831-1

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

Lab Sample ID: MB 480-594708/7

Matrix: Water

Analysis Batch: 594708

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			08/31/21 11:27	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.21	ug/L			08/31/21 11:27	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.31	ug/L			08/31/21 11:27	1
1,1,2-Trichloroethane	1.0	U	1.0	0.23	ug/L			08/31/21 11:27	1
1,1-Dichloroethane	1.0	U	1.0	0.38	ug/L			08/31/21 11:27	1
1,1-Dichloroethene	1.0	U	1.0	0.29	ug/L			08/31/21 11:27	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.41	ug/L			08/31/21 11:27	1
1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.39	ug/L			08/31/21 11:27	1
1,2-Dichlorobenzene	1.0	U	1.0	0.79	ug/L			08/31/21 11:27	1
1,2-Dichloroethane	1.0	U	1.0	0.21	ug/L			08/31/21 11:27	1
1,2-Dichloropropane	1.0	U	1.0	0.72	ug/L			08/31/21 11:27	1
1,3-Dichlorobenzene	1.0	U	1.0	0.78	ug/L			08/31/21 11:27	1
1,4-Dichlorobenzene	1.0	U	1.0	0.84	ug/L			08/31/21 11:27	1
2-Butanone (MEK)	10	U	10	1.3	ug/L			08/31/21 11:27	1
2-Hexanone	5.0	U	5.0	1.2	ug/L			08/31/21 11:27	1
4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	2.1	ug/L			08/31/21 11:27	1
Acetone	10	U	10	3.0	ug/L			08/31/21 11:27	1
Benzene	1.0	U	1.0	0.41	ug/L			08/31/21 11:27	1
Bromoform	1.0	U	1.0	0.26	ug/L			08/31/21 11:27	1
Bromomethane	1.0	U	1.0	0.69	ug/L			08/31/21 11:27	1
Carbon disulfide	1.0	U	1.0	0.19	ug/L			08/31/21 11:27	1
Carbon tetrachloride	1.0	U	1.0	0.27	ug/L			08/31/21 11:27	1
Chlorobenzene	1.0	U	1.0	0.75	ug/L			08/31/21 11:27	1
Dibromochloromethane	1.0	U	1.0	0.32	ug/L			08/31/21 11:27	1
Chloroethane	1.0	U	1.0	0.32	ug/L			08/31/21 11:27	1
Chloroform	1.0	U	1.0	0.34	ug/L			08/31/21 11:27	1
Chloromethane	1.0	U	1.0	0.35	ug/L			08/31/21 11:27	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.81	ug/L			08/31/21 11:27	1
Cyclohexane	1.0	U	1.0	0.18	ug/L			08/31/21 11:27	1
Bromodichloromethane	1.0	U	1.0	0.39	ug/L			08/31/21 11:27	1
Dichlorodifluoromethane	1.0	U	1.0	0.68	ug/L			08/31/21 11:27	1
Ethylbenzene	1.0	U	1.0	0.74	ug/L			08/31/21 11:27	1
1,2-Dibromoethane	1.0	U	1.0	0.73	ug/L			08/31/21 11:27	1
Isopropylbenzene	1.0	U	1.0	0.79	ug/L			08/31/21 11:27	1
Methyl acetate	2.5	U	2.5	1.3	ug/L			08/31/21 11:27	1
Methyl tert-butyl ether	1.0	U	1.0	0.16	ug/L			08/31/21 11:27	1
Methylcyclohexane	1.0	U	1.0	0.16	ug/L			08/31/21 11:27	1
Methylene Chloride	1.0	U	1.0	0.44	ug/L			08/31/21 11:27	1
Tetrachloroethene	1.0	U	1.0	0.36	ug/L			08/31/21 11:27	1
Toluene	1.0	U	1.0	0.51	ug/L			08/31/21 11:27	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.90	ug/L			08/31/21 11:27	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.37	ug/L			08/31/21 11:27	1
Trichloroethene	1.0	U	1.0	0.46	ug/L			08/31/21 11:27	1
Trichlorofluoromethane	1.0	U	1.0	0.88	ug/L			08/31/21 11:27	1
Vinyl chloride	1.0	U	1.0	0.90	ug/L			08/31/21 11:27	1
Xylenes, Total	2.0	U	2.0	0.66	ug/L			08/31/21 11:27	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.36	ug/L			08/31/21 11:27	1
Styrene	1.0	U	1.0	0.73	ug/L			08/31/21 11:27	1

Eurofins TestAmerica, Buffalo

QC Sample Results

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

Job ID: 480-188831-1

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

Lab Sample ID: MB 480-594708/7

Matrix: Water

Analysis Batch: 594708

Client Sample ID: Method Blank

Prep Type: Total/NA

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	100		77 - 120		08/31/21 11:27	1
4-Bromofluorobenzene (Surr)	90		73 - 120		08/31/21 11:27	1
Toluene-d8 (Surr)	98		80 - 120		08/31/21 11:27	1
Dibromofluoromethane (Surr)	102		75 - 123		08/31/21 11:27	1

Lab Sample ID: LCS 480-594708/5

Matrix: Water

Analysis Batch: 594708

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	27.0		ug/L		108	73 - 126
1,1,2,2-Tetrachloroethane	25.0	22.8		ug/L		91	76 - 120
1,1,2-Trichloro-1,2,2-trifluoroethane	25.0	22.9		ug/L		92	61 - 148
1,1,2-Trichloroethane	25.0	23.8		ug/L		95	76 - 122
1,1-Dichloroethane	25.0	25.2		ug/L		101	77 - 120
1,1-Dichloroethene	25.0	23.6		ug/L		94	66 - 127
1,2,4-Trichlorobenzene	25.0	22.9		ug/L		92	79 - 122
1,2-Dibromo-3-Chloropropane	25.0	22.4		ug/L		90	56 - 134
1,2-Dichlorobenzene	25.0	23.7		ug/L		95	80 - 124
1,2-Dichloroethane	25.0	23.7		ug/L		95	75 - 120
1,2-Dichloropropane	25.0	24.0		ug/L		96	76 - 120
1,3-Dichlorobenzene	25.0	24.1		ug/L		96	77 - 120
1,4-Dichlorobenzene	25.0	24.3		ug/L		97	80 - 120
2-Butanone (MEK)	125	105		ug/L		84	57 - 140
2-Hexanone	125	105		ug/L		84	65 - 127
4-Methyl-2-pentanone (MIBK)	125	108		ug/L		87	71 - 125
Acetone	125	118		ug/L		94	56 - 142
Benzene	25.0	24.2		ug/L		97	71 - 124
Bromoform	25.0	23.4		ug/L		94	61 - 132
Bromomethane	25.0	21.8		ug/L		87	55 - 144
Carbon disulfide	25.0	23.7		ug/L		95	59 - 134
Carbon tetrachloride	25.0	28.2		ug/L		113	72 - 134
Chlorobenzene	25.0	23.9		ug/L		96	80 - 120
Dibromochloromethane	25.0	24.5		ug/L		98	75 - 125
Chloroethane	25.0	24.4		ug/L		98	69 - 136
Chloroform	25.0	24.0		ug/L		96	73 - 127
Chloromethane	25.0	28.5		ug/L		114	68 - 124
cis-1,2-Dichloroethene	25.0	24.0		ug/L		96	74 - 124
Cyclohexane	25.0	26.8		ug/L		107	59 - 135
Bromodichloromethane	25.0	24.8		ug/L		99	80 - 122
Dichlorodifluoromethane	25.0	23.7		ug/L		95	59 - 135
Ethylbenzene	25.0	24.1		ug/L		96	77 - 123
1,2-Dibromoethane	25.0	23.0		ug/L		92	77 - 120
Isopropylbenzene	25.0	25.1		ug/L		101	77 - 122
Methyl acetate	50.0	40.7		ug/L		81	74 - 133
Methyl tert-butyl ether	25.0	29.8		ug/L		119	77 - 120
Methylcyclohexane	25.0	26.5		ug/L		106	68 - 134
Methylene Chloride	25.0	24.1		ug/L		96	75 - 124

Eurofins TestAmerica, Buffalo

QC Sample Results

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

Job ID: 480-188831-1

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

Lab Sample ID: LCS 480-594708/5

Matrix: Water

Analysis Batch: 594708

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Tetrachloroethene	25.0	23.4		ug/L		93	74 - 122
Toluene	25.0	24.2		ug/L		97	80 - 122
trans-1,2-Dichloroethene	25.0	23.8		ug/L		95	73 - 127
trans-1,3-Dichloropropene	25.0	24.5		ug/L		98	80 - 120
Trichloroethene	25.0	23.8		ug/L		95	74 - 123
Trichlorofluoromethane	25.0	23.7		ug/L		95	62 - 150
Vinyl chloride	25.0	25.6		ug/L		102	65 - 133
cis-1,3-Dichloropropene	25.0	24.4		ug/L		98	74 - 124
Styrene	25.0	24.6		ug/L		99	80 - 120

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	97		77 - 120
4-Bromofluorobenzene (Surr)	95		73 - 120
Toluene-d8 (Surr)	100		80 - 120
Dibromofluoromethane (Surr)	101		75 - 123

Method: 6010C - Metals (ICP)

Lab Sample ID: MB 480-594512/1-A

Matrix: Water

Analysis Batch: 595119

Client Sample ID: Method Blank

Prep Type: Total Recoverable

Prep Batch: 594512

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Iron, Dissolved	0.050	U	0.050	0.019	mg/L		09/01/21 09:30	09/01/21 15:21	1

Lab Sample ID: LCS 480-594512/2-A

Matrix: Water

Analysis Batch: 595119

Client Sample ID: Lab Control Sample

Prep Type: Total Recoverable

Prep Batch: 594512

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Iron, Dissolved	10.0	10.16		mg/L		102	80 - 120

Method: 353.2 - Nitrogen, Nitrate-Nitrite

Lab Sample ID: MB 480-594423/4

Matrix: Water

Analysis Batch: 594423

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrate Nitrite as N	0.050	U	0.050	0.020	mg/L			08/27/21 13:52	1

Lab Sample ID: LCS 480-594423/5

Matrix: Water

Analysis Batch: 594423

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Nitrate Nitrite as N	1.50	1.41		mg/L		94	90 - 110

Eurofins TestAmerica, Buffalo

QC Sample Results

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

Job ID: 480-188831-1

Method: 353.2 - Nitrogen, Nitrate-Nitrite (Continued)

Lab Sample ID: 480-188831-2 MS

Matrix: Water

Analysis Batch: 594423

Client Sample ID: MW-11R

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Nitrate Nitrite as N	0.047	J	1.00	1.03		mg/L		98	90 - 110

Method: 9056A - Anions, Ion Chromatography

Lab Sample ID: MB 480-594947/28

Matrix: Water

Analysis Batch: 594947

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	0.50	U	0.50	0.28	mg/L			09/01/21 22:28	1
Sulfate	2.0	U	2.0	0.35	mg/L			09/01/21 22:28	1

Lab Sample ID: MB 480-594947/4

Matrix: Water

Analysis Batch: 594947

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	0.50	U	0.50	0.28	mg/L			09/01/21 15:04	1
Sulfate	2.0	U	2.0	0.35	mg/L			09/01/21 15:04	1

Lab Sample ID: LCS 480-594947/27

Matrix: Water

Analysis Batch: 594947

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	50.0	50.36		mg/L		101	90 - 110
Sulfate	50.0	49.78		mg/L		100	90 - 110

Method: 9060A - Organic Carbon, Dissolved (DOC)

Lab Sample ID: MB 480-595287/3

Matrix: Water

Analysis Batch: 595287

Client Sample ID: Method Blank

Prep Type: Dissolved

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dissolved Organic Carbon	1.0	U	1.0	0.43	mg/L			09/03/21 00:23	1

Lab Sample ID: LCS 480-595287/4

Matrix: Water

Analysis Batch: 595287

Client Sample ID: Lab Control Sample

Prep Type: Dissolved

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Dissolved Organic Carbon	60.0	60.34		mg/L		101	90 - 110

Lab Sample ID: 480-188831-2 MS

Matrix: Water

Analysis Batch: 595287

Client Sample ID: MW-11R

Prep Type: Dissolved

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Dissolved Organic Carbon	19.8		23.3	47.83		mg/L		121	54 - 131

Eurofins TestAmerica, Buffalo

QC Sample Results

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

Job ID: 480-188831-1

Method: SM 3500 FE D - Iron, Ferrous and Ferric

Lab Sample ID: MB 480-594812/29

Matrix: Water

Analysis Batch: 594812

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ferrous Iron	0.10	U	0.10	0.075	mg/L			08/28/21 18:45	1

Lab Sample ID: MB 480-594812/3

Matrix: Water

Analysis Batch: 594812

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ferrous Iron	0.10	U	0.10	0.075	mg/L			08/28/21 18:45	1

Lab Sample ID: LCS 480-594812/30

Matrix: Water

Analysis Batch: 594812

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Ferrous Iron	2.00	1.97		mg/L		98	90 - 110

Lab Sample ID: LCS 480-594812/4

Matrix: Water

Analysis Batch: 594812

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Ferrous Iron	2.00	1.99		mg/L		99	90 - 110

Lab Sample ID: 480-188831-2 DU

Matrix: Water

Analysis Batch: 594812

Client Sample ID: MW-11R

Prep Type: Dissolved

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Ferrous Iron	0.97	HF	0.993		mg/L		2	20

Method: SM 4500 S2 F - Sulfide, Total

Lab Sample ID: MB 480-594830/27

Matrix: Water

Analysis Batch: 594830

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfide	1.0	U	1.0	0.67	mg/L			08/31/21 12:49	1

Lab Sample ID: MB 480-594830/3

Matrix: Water

Analysis Batch: 594830

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfide	1.0	U	1.0	0.67	mg/L			08/31/21 12:49	1

QC Sample Results

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

Job ID: 480-188831-1

Method: SM 4500 S2 F - Sulfide, Total (Continued)

Lab Sample ID: LCS 480-594830/28

Matrix: Water

Analysis Batch: 594830

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Sulfide	9.00	9.20		mg/L		102	90 - 110

Lab Sample ID: LCS 480-594830/4

Matrix: Water

Analysis Batch: 594830

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Sulfide	9.00	9.20		mg/L		102	90 - 110

Lab Sample ID: 480-188831-2 DU

Matrix: Water

Analysis Batch: 594830

Client Sample ID: MW-11R

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Sulfide	1.0	U	1.0	U	mg/L		NC	20

QC Association Summary

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

Job ID: 480-188831-1

GC/MS VOA

Analysis Batch: 594708

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-188831-1	TB-03	Total/NA	Water	8260C	
480-188831-3	MW-9	Total/NA	Water	8260C	
MB 480-594708/7	Method Blank	Total/NA	Water	8260C	
LCS 480-594708/5	Lab Control Sample	Total/NA	Water	8260C	

Metals

Prep Batch: 594512

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-188831-2	MW-11R	Dissolved	Water	3005A	
MB 480-594512/1-A	Method Blank	Total Recoverable	Water	3005A	
LCS 480-594512/2-A	Lab Control Sample	Total Recoverable	Water	3005A	

Analysis Batch: 595119

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-188831-2	MW-11R	Dissolved	Water	6010C	594512
MB 480-594512/1-A	Method Blank	Total Recoverable	Water	6010C	594512
LCS 480-594512/2-A	Lab Control Sample	Total Recoverable	Water	6010C	594512

General Chemistry

Analysis Batch: 594423

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-188831-2	MW-11R	Total/NA	Water	353.2	
MB 480-594423/4	Method Blank	Total/NA	Water	353.2	
LCS 480-594423/5	Lab Control Sample	Total/NA	Water	353.2	
480-188831-2 MS	MW-11R	Total/NA	Water	353.2	

Analysis Batch: 594456

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-188831-2	MW-11R	Total/NA	Water	Nitrate by calc	

Analysis Batch: 594457

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-188831-2	MW-11R	Total/NA	Water	353.2	

Analysis Batch: 594812

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-188831-2	MW-11R	Dissolved	Water	SM 3500 FE D	
MB 480-594812/29	Method Blank	Total/NA	Water	SM 3500 FE D	
MB 480-594812/3	Method Blank	Total/NA	Water	SM 3500 FE D	
LCS 480-594812/30	Lab Control Sample	Total/NA	Water	SM 3500 FE D	
LCS 480-594812/4	Lab Control Sample	Total/NA	Water	SM 3500 FE D	
480-188831-2 DU	MW-11R	Dissolved	Water	SM 3500 FE D	

Analysis Batch: 594830

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-188831-2	MW-11R	Total/NA	Water	SM 4500 S2 F	
MB 480-594830/27	Method Blank	Total/NA	Water	SM 4500 S2 F	
MB 480-594830/3	Method Blank	Total/NA	Water	SM 4500 S2 F	
LCS 480-594830/28	Lab Control Sample	Total/NA	Water	SM 4500 S2 F	
LCS 480-594830/4	Lab Control Sample	Total/NA	Water	SM 4500 S2 F	

Eurofins TestAmerica, Buffalo

QC Association Summary

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

Job ID: 480-188831-1

General Chemistry (Continued)

Analysis Batch: 594830 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-188831-2 DU	MW-11R	Total/NA	Water	SM 4500 S2 F	

Analysis Batch: 594947

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-188831-2	MW-11R	Total/NA	Water	9056A	
MB 480-594947/28	Method Blank	Total/NA	Water	9056A	
MB 480-594947/4	Method Blank	Total/NA	Water	9056A	
LCS 480-594947/27	Lab Control Sample	Total/NA	Water	9056A	

Analysis Batch: 595287

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-188831-2	MW-11R	Dissolved	Water	9060A	
MB 480-595287/3	Method Blank	Dissolved	Water	9060A	
LCS 480-595287/4	Lab Control Sample	Dissolved	Water	9060A	
480-188831-2 MS	MW-11R	Dissolved	Water	9060A	

Analysis Batch: 595297

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-188831-2	MW-11R	Dissolved	Water	SM 3500	

Lab Chronicle

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

Job ID: 480-188831-1

Client Sample ID: TB-03

Date Collected: 08/26/21 12:00

Date Received: 08/27/21 10:00

Lab Sample ID: 480-188831-1

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	594708	08/31/21 19:40	OMI	TAL BUF

Client Sample ID: MW-11R

Date Collected: 08/26/21 08:30

Date Received: 08/27/21 10:00

Lab Sample ID: 480-188831-2

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Dissolved	Prep	3005A			594512	09/01/21 09:30	ADM	TAL BUF
Dissolved	Analysis	6010C		1	595119	09/01/21 16:38	LMH	TAL BUF
Total/NA	Analysis	353.2		1	594423	08/27/21 13:57	CSS	TAL BUF
Total/NA	Analysis	353.2		1	594457	08/27/21 17:27	CSS	TAL BUF
Total/NA	Analysis	9056A		2	594947	09/02/21 02:10	IMZ	TAL BUF
Dissolved	Analysis	9060A		1	595287	09/03/21 06:10	CLA	TAL BUF
Total/NA	Analysis	Nitrate by calc		1	594456	08/27/21 13:57	CSS	TAL BUF
Dissolved	Analysis	SM 3500		1	595297	09/03/21 15:53	JJP	TAL BUF
Dissolved	Analysis	SM 3500 FE D		1	594812	08/28/21 18:45	CSS	TAL BUF
Total/NA	Analysis	SM 4500 S2 F		1	594830	08/31/21 12:49	MJB	TAL BUF

Client Sample ID: MW-9

Date Collected: 08/26/21 09:05

Date Received: 08/27/21 10:00

Lab Sample ID: 480-188831-3

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	594708	08/31/21 20:02	OMI	TAL BUF

Laboratory References:

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

Chain of Custody Record

Environment Testing
America

Client Information Client Contact: <u>Dani Gugliemotto</u> Company: <u>EHS Support, LLC</u> Address: <u>814 E Washington Street, 285 East Kosutka St</u> City: <u>Louisville</u> State, Zip: <u>OH 43206</u> Phone: <u>614 352 7570</u> Email: <u>kris.blum@ehs-support.com</u> Project Name: <u>Ashland Lee Ave. Railroad - Norwich, NY</u> Site:		Sampler: <u>Chris Myers</u> Lab PM: <u>Barnett, Eddie T</u> Phone: <u>302 507 5429</u> E-Mail: <u>Eddie.Barnett@Eurofins.com</u> Carrier Tracking No(s): State of Origin: Page 2 of 4 Job #:		COC No: <u>480-164393-36085.2</u> Preservation Codes: A - HCL B - NaOH C - Zn Acetate D - Nitric Acid E - NaHSO4 F - MeOH G - Amchlor H - Ascorbic Acid I - Ice J - DI Water K - EDTA L - EDA Other:			
Due Date Requested: TAT Requested (days): <u>Standard 10</u> Compliance Project: ☐ Yes ☒ No PO #: <u>FY2021 PO Needed (req 08/17/21)</u> WO #: <u>Task 100 or 400</u> Project #: <u>48016401</u> SSOW#:		Analysis Requested					
Sample Identification <u>TB-03</u> <u>MW-11R</u> <u>LAOW11_1</u> <u>LAOW11_6</u> <u>LAOW11_9</u> <u>MW-5</u> <u>MW-9</u> <u>MW-12</u> <u>MW-14</u> <u>MW-15</u> <u>MW-19</u>		Sample Date <u>8/26/21</u> <u>8/25/21</u> <u>8/26/21</u> 		Sample Time <u>1200</u> <u>1018</u> <u>0905</u> 		Matrix (W=water, S=solid, O=waste, oil, BT=Tissue, A=Air) <u>Water</u> <u>Water</u> <u>Water</u> <u>Water</u> <u>Water</u> <u>Water</u> <u>Water</u> <u>Water</u> <u>Water</u> <u>Water</u> <u>Water</u>	
Field Filtered Sample (Yes or No) <u>Yes</u> <u>Yes</u> 		Preservation Code: <u>G</u> <u>G</u> <u>G</u> 		Special Instructions/Note: <u>collected other analyses yesterday</u> 			
Total Number of Containers <u>3</u> <u>8</u> <u>3</u> 		Special Instructions/Note: 480-188831 Chain of Custody					

Login Sample Receipt Checklist

Client: EHS Support, LLC

Job Number: 480-188831-1

SDG Number:

Login Number: 188831

List Number: 1

Creator: Sabuda, Brendan D

List Source: Eurofins TestAmerica, Buffalo

Question	Answer	Comment
Radioactivity either was not measured or, if measured, is at or below background	True	
The cooler's custody seal, if present, is intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	2.7 #1 ICE
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time (Excluding tests with immediate HTs)..	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	True	
If necessary, staff have been informed of any short hold time or quick TAT needs	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Sampling Company provided.	True	
Samples received within 48 hours of sampling.	True	
Samples requiring field filtration have been filtered in the field.	True	
Chlorine Residual checked.	True	

Accreditation/Certification Summary

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

Job ID: 480-188831-1

Laboratory: Eurofins TestAmerica, Buffalo

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

Authority	Program	Identification Number	Expiration Date
New York	NELAP	10026	04-01-22

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

Analysis Method	Prep Method	Matrix	Analyte
9060A		Water	Dissolved Organic Carbon
SM 3500		Water	Ferric Iron
SM 3500 FE D		Water	Ferrous Iron



Appendix C Tier II Validation Reports for VOCs

EHS Validation Report

Number: 382

Lee Avenue Railroad
Area

Norwich, New York

Analyses performed

by: TestAmerica,

Buffalo, New York

Sample Delivery Groups
(SDGs): 480-188831 and
480-188784

Analysis: VOC

Review Level: Tier II



Report Date:

October 27, 2021



Table of Contents

1	Introduction	1
1.1	Validation Qualifiers	1
2	Sample Custody and Receipt	2
3	Assessment Summary and Data Usability	3
4	Volatile Organic Compound (VOC) Analysis.....	4
4.1	Preservation and Holding Times	4
4.2	Blanks.....	4
4.3	Surrogates.....	4
4.4	Laboratory Control Sample (LCS) Analysis.....	4
4.5	Matrix Spike/ Matrix Spike Duplicate (MS/MSD) Analysis	4
4.6	Compound Identification	6
4.7	Field Duplicates.....	6
4.8	Additional Notes	6



Sample Summary

Water samples were collected at the Lee Road Avenue Area in Norwich, New York and were analyzed by Environmental Protection Agency (EPA) SW-846 Method 8260C for volatile organic compounds (VOC). Samples included in these sample delivery groups (SDGs), and in this data validation report, are listed in the table below. Please note that other analyses were performed but this data validation report includes only 8260 analysis and results.

SDG	Lab Sample ID	Field Sample ID	Sample Matrix	Sample Collection Date	VOC Analysis
480-188784-1	480-188784-1	MW-11R	Water	8/25/2021	X
480-188784-1	480-188784-2	LARW11_2	Water	8/25/2021	X
480-188784-1	480-188784-3	LARW11_3	Water	8/25/2021	X
480-188784-1	480-188784-4	URS-1R	Water	8/25/2021	X
480-188784-1	480-188784-5	URS-7S	Water	8/25/2021	X
480-188784-1	480-188784-6	URS-8S	Water	8/25/2021	X
480-188784-1	480-188784-7	URS-9S	Water	8/25/2021	X
480-188784-1	480-188784-8	DUP-02	Water	8/25/2021	X
480-188784-1	480-188784-9	EB-02	Water	8/25/2021	X
480-188784-1	480-188784-10	LAOW11_1	Water	8/24/2021	X
480-188784-1	480-188784-11	LAOW11_6	Water	8/24/2021	X
480-188784-1	480-188784-12	LAOW11_9	Water	8/24/2021	X
480-188784-1	480-188784-13	MW-12	Water	8/24/2021	X
480-188784-1	480-188784-14	MW-14	Water	8/24/2021	X
480-188784-1	480-188784-15	MW-15	Water	8/24/2021	X
480-188784-1	480-188784-16	MW-19	Water	8/24/2021	X
480-188784-1	480-188784-17	MW-20	Water	8/24/2021	X
480-188784-1	480-188784-18	URS-2S	Water	8/25/2021	X
480-188784-1	480-188784-19	URS-12	Water	8/24/2021	X
480-188784-1	480-188784-20	URS-13	Water	8/24/2021	X
480-188784-1	480-188784-21	URS-14	Water	8/25/2021	X
480-188784-1	480-188784-22	DUP-01	Water	8/24/2021	X
480-188784-1	480-188784-23	EB-01	Water	8/24/2021	X
480-188784-1	480-188784-24	TB-01	Water	8/24/2021	X
480-188784-1	480-188784-25	TB-02	Water	8/24/2021	X



SDG	Lab Sample ID	Field Sample ID	Sample Matrix	Sample Collection Date	VOC Analysis
480-188831-1	480-188831-1	TB-03	Water	8/26/2021	X
480-188831-1	480-188831-3	MW-9	Water	8/26/2021	X

VOC Volatile organic compounds

Note Sample 480-188831-2 was collected and submitted to the laboratory but was not designated for VOC analysis.



1 Introduction

Data were reviewed in accordance with USEPA Contract Laboratory Program National Functional Guidelines (Organic, January, 2017), laboratory analytical methods, and professional judgment. Relevant EPA Region 2 Data Validation SOPs were referenced as needed. It is expected that the laboratory conducted sufficient quality review of the data prior to reporting. While 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 were 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:

1.1 Validation Qualifiers

- 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.
- R The data are unusable. The sample results are rejected due to serious deficiencies in meeting Quality Control (QC) criteria. The analyte may or may not be present in the sample.



2 Sample Custody and Receipt

All samples were received in good condition and properly preserved. The chains of custody were properly completed. There are gaps on both chains between the time that field staff relinquished the sample shipments and the time that laboratory staff received them. Samples were shipped by commercial carrier; the time that samples are in the possession of commercial carriers likely corresponds with these time gaps on chains of custody.



3 Assessment Summary and Data Usability

In this data set, no QC (quality control) excursions encountered led to rejection of data. Results reported in this SDG are considered usable. Please refer to report below for specific QC variances and data qualification.



4 Volatile Organic Compound (VOC) Analysis

4.1 Preservation and Holding Times

Acceptance criteria were met. Relevant preservation and holding time requirements are presented in the following table.

Method	Matrix	Preservation	Holding Time
Method 8260	Water	≤6 °C; HCl to pH < 2	14 days

4.2 Blanks

No results were qualified due to blank results. No detections were reported for laboratory method blanks. Several compounds were detected in equipment blanks EB-01 and EB-02, but those compounds were not detected in associated field samples, so no qualification of field sample results was needed.

4.3 Surrogates

Acceptance criteria were met.

4.4 Laboratory Control Sample (LCS) Analysis

Acceptance criteria were met.

4.5 Matrix Spike/ Matrix Spike Duplicate (MS/MSD) Analysis

Matrix spike analysis recoveries and/or RPD values outside acceptance limits are presented in the following table. Recoveries for a few additional compounds were outside lab limits but were within the limits provided in the National Functional Guidelines and are therefore considered acceptable.

Sample ID	Compound	Recovery		MS/MSD RPD
		MS	MSD	
480-188784-6	1,1,1-Trichloroethane	Acceptable	Acceptable	> UL
	1,1-Dichloroethene	Acceptable	Acceptable	> UL
	Bromomethane	Acceptable	Acceptable	> UL
	Carbon disulfide	Acceptable	Acceptable	> UL
	Carbon tetrachloride	Acceptable	Acceptable	> UL
	Chloroethane	Acceptable	Acceptable	> UL
	Chloromethane	Acceptable	Acceptable	> UL
	Dichlorodifluoromethane	Acceptable	Acceptable	> UL
	Trichlorofluoromethane	Acceptable	Acceptable	> UL



Sample ID	Compound	Recovery		MS/MSD RPD
		MS	MSD	
	Vinyl chloride	Acceptable	Acceptable	> UL
480-188784-17	1,1,1-Trichloroethane	> UL	> UL	Acceptable
	1,1-Dichloroethane	> UL	> UL	Acceptable
	1,2,4-Trichlorobenzene	Acceptable	> UL	Acceptable
	1,2-Dichloropropane	> UL	> UL	Acceptable
	1,3-Dichlorobenzene	> UL	> UL	Acceptable
	Carbon Tetrachloride	> UL	Acceptable	Acceptable
	cis-1,2-Dichloroethene	> UL	> UL	Acceptable
	Bromodichloromethane	Acceptable	> UL	Acceptable
	Ethylbenzene	> UL	Acceptable	Acceptable
	Isopropylbenzene (Cumene)	> UL	> UL	Acceptable
	Methylene Chloride	> UL	> UL	Acceptable
	Tetrachloroethylene	> UL	> UL	Acceptable
	Toluene	> UL	Acceptable	Acceptable
	trans-1,2-Dichloroethene	> UL	> UL	Acceptable
	Trichloroethylene	> UL	> UL	Acceptable
	Styrene	> UL	> UL	Acceptable
	Xylenes	> UL	> UL	Acceptable

UL Upper limit

Due to these excursions, results for the listed compounds have been qualified as per the following table.

Quality Control Nonconformance	Sample result	Sample Result Qualification ^(Note 1)
Recovery > Upper acceptance limit (UL)	Non-detect	No Action
	Detect	J
Recovery < Lower acceptance limit (LL) but > 10%	Non-detect	UJ
	Detect	J
Recovery < 10%	Non-detect	R
	Detect	J
MS/MSD RPD > Upper acceptance limit	Non-detect	UJ
	Detect	J

Note 1 See Section 1 for qualifier definitions.

MS Matrix spike

MSD Matrix spike duplicate

RPD Relative percent difference



4.6 Compound Identification

Acceptable; no issues to report. Samples were analyzed at dilutions when necessary.

4.7 Field Duplicates

Acceptance criteria, shown in the following table, were met. Two field duplicate and parent sample pairs were included in these sample delivery groups and designated for VOC analysis.

Parent sample – field duplicate sample acceptable relationships
Sample and its field duplicate $\geq 5x$ the RL and - o RPD $\leq 30\%$ (aqueous) - or - - o RPD $\leq 50\%$ (soil/ sediment)
Sample and/or its field duplicate $< 5x$ the RL and - o absolute difference $\leq 2x$ the RL (aqueous) - or - - o absolute difference $\leq 3x$ the RL (soil/ sediment)

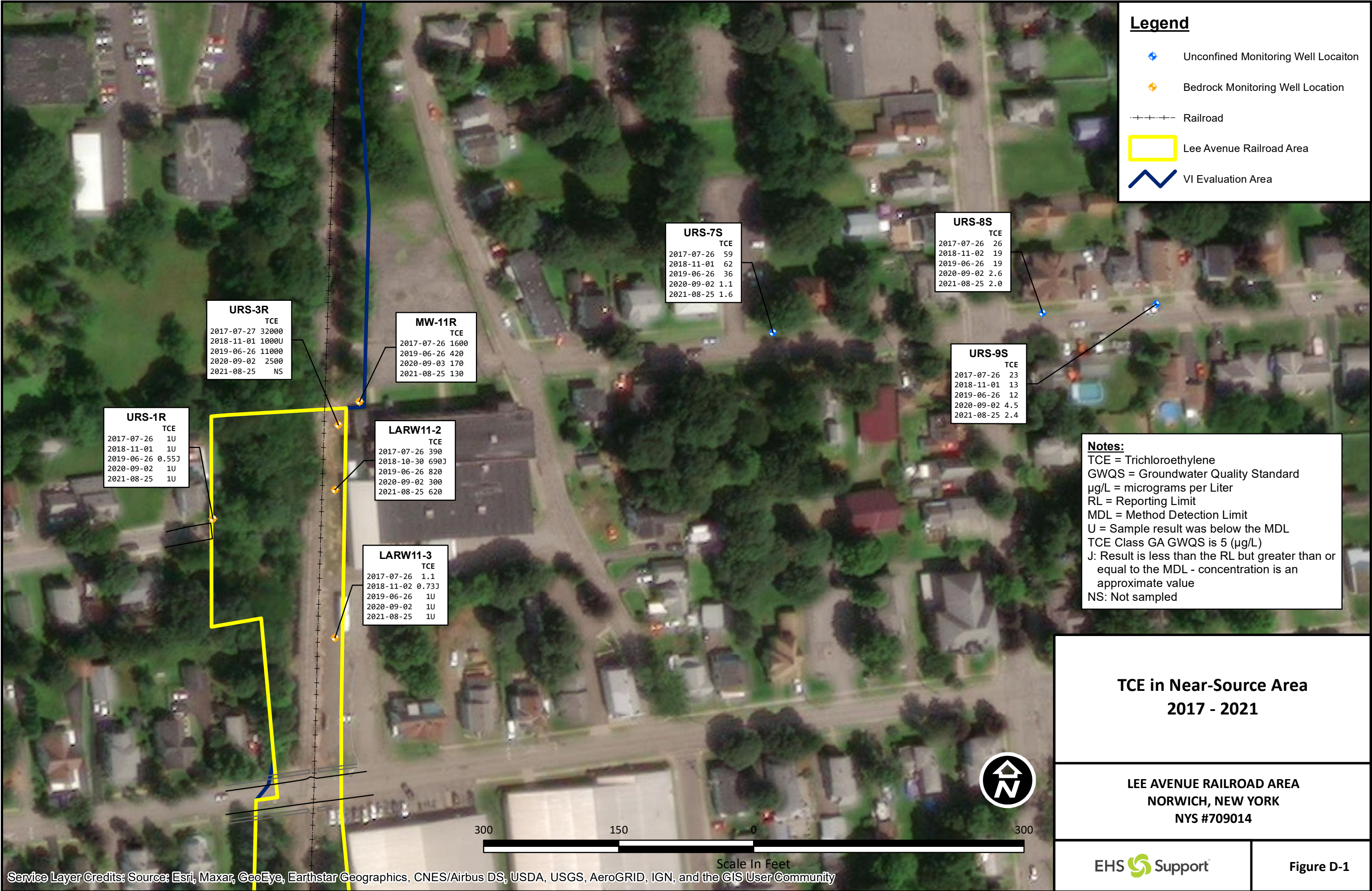
4.8 Additional Notes

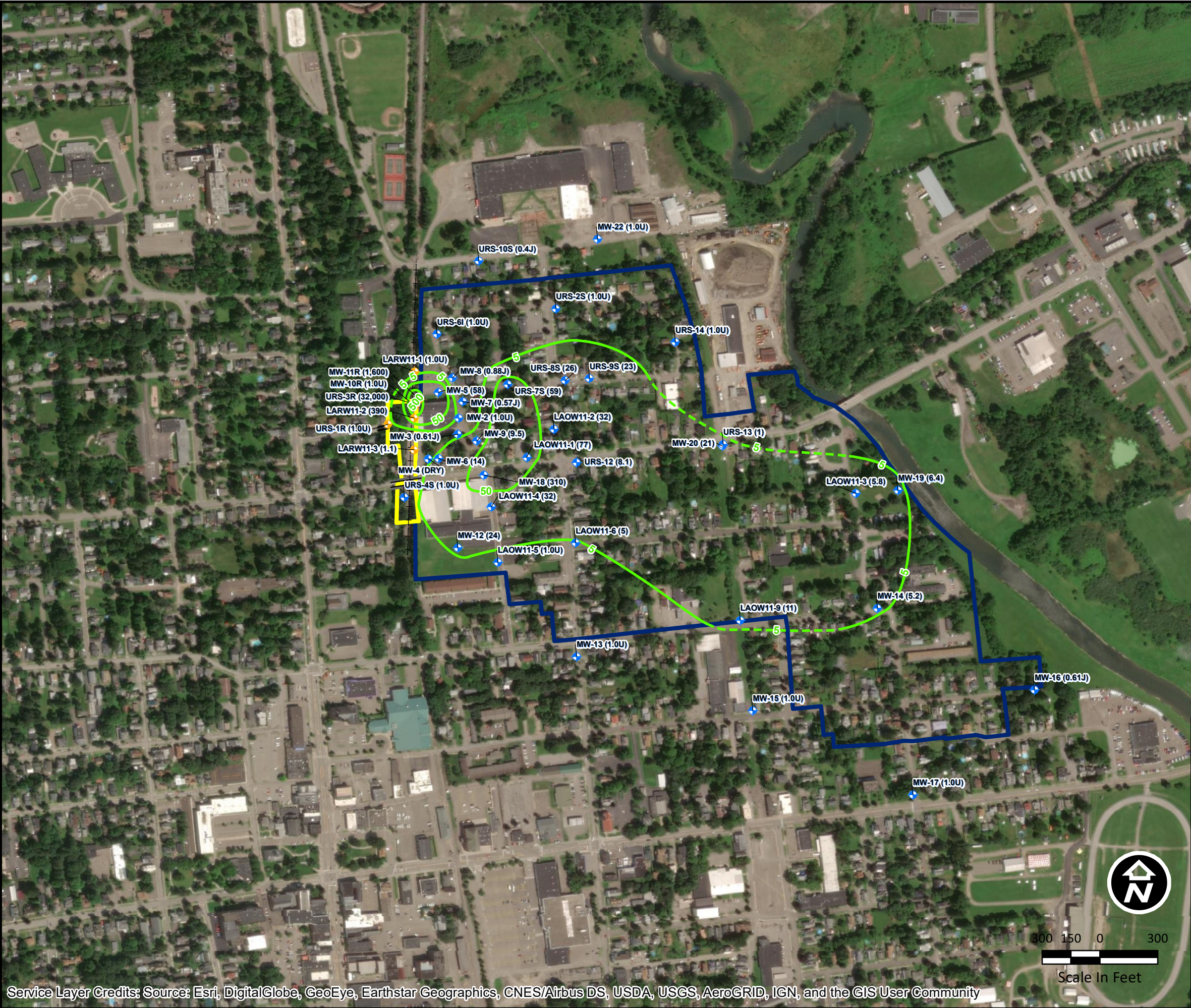
NA: No additional notes to report.

Validation performed by: Amy Coats
EHS Support



Appendix D TCE Plume Overtime





Legend

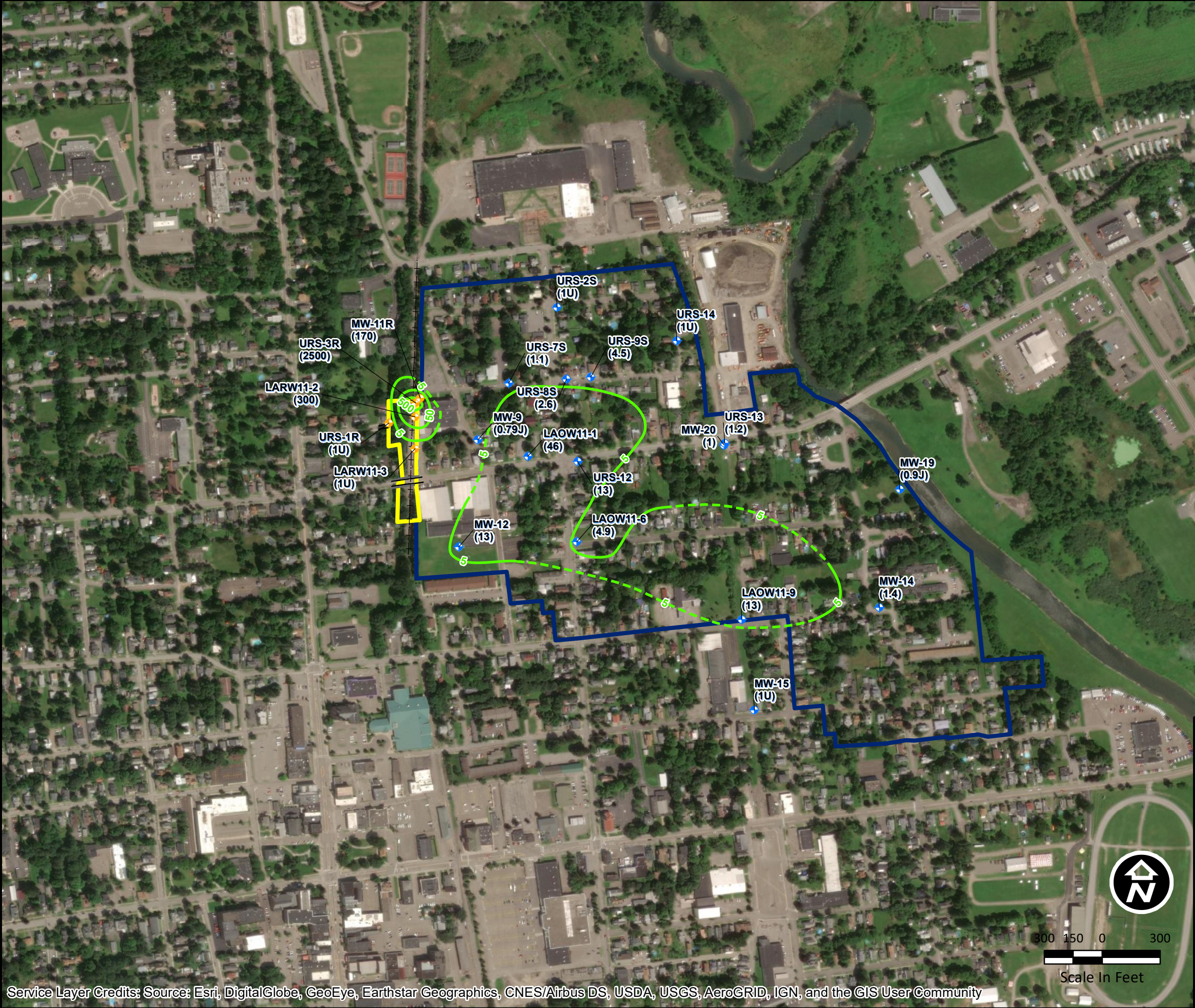
- Unconfined Monitoring Well Locaiton
- Bedrock Monitoring Well Location
- Trichloroethylene (TCE) Isoconcentration Line (µg/L)
- (5.8) TCE Result (µg/L)
- +--- Railroad
- Lee Avenue Railroad Area
- VI Evaluation Area

Notes:

TCE = Trichloroethylene
GWQS = Groundwater Quality Standard
µg/L = micrograms per Liter
RL = Reporting Limit
MDL = Method Detection Limit
U = Sample result was below the MDL
TCE Class GA GWQS is 5 (µg/L)
J: Result is less than the RL but greater than or equal to the MDL - concentration is an approximate value
NS: Not sampled (MW-11R not sampled due to injection amendment in well)

**Isocontours for TCE in
Groundwater - 2017**

LEE AVENUE RAILROAD AREA
NORWICH, NEW YORK
NYS #709014



Legend

- Unconfined Monitoring Well Locaiton
- Bedrock Monitoring Well Location
- Trichloroethylene (TCE) Isoconcentration Line (µg/L)
- Railroad
- Lee Avenue Railroad Area
- VI Evaluation Area

Notes:
TCE = Trichloroethylene
GWQS = Groundwater Quality Standard
µg/L = micrograms per Liter
RL = Reporting Limit
MDL = Method Detection Limit
U = Sample result was below the MDL
TCE Class GA GWQS is 5 (µg/L)
J: Result is less than the RL but greater than or equal to the MDL - concentration is an approximate value

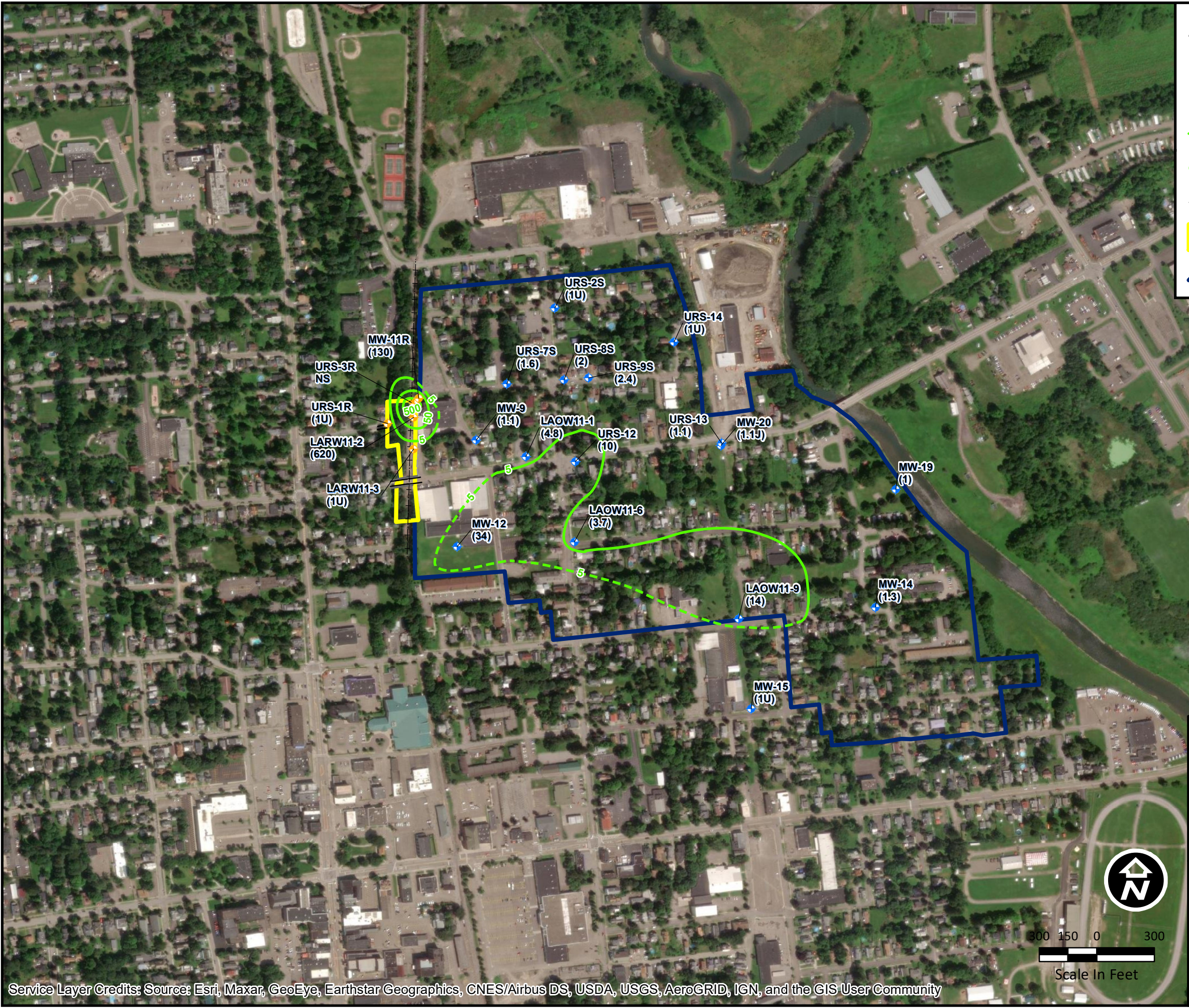
Isocontours for TCE in Groundwater - 2020

LEE AVENUE RAILROAD AREA
NORWICH, NEW YORK
NYS #709014

EHS Support

Figure D-3

Reviewed By:



Legend

- Unconfined Monitoring Well Locaiton
- Bedrock Monitoring Well Location
- Trichloroethylene (TCE) Isoconcentration Line (µg/L)
- TCE Isoconcentration line dashed where inferred
- Railroad
- Lee Avenue Railroad Area
- VI Evaluation Area

Notes:
TCE = Trichloroethylene
GWQS = Groundwater Quality Standard
µg/L = micrograms per Liter
RL = Reporting Limit
MDL = Method Detection Limit
U = Sample result was below the MDL
TCE Class GA GWQS is 5 (µg/L)
J: Result is less than the RL but greater than or equal to the MDL - concentration is an approximate value
NS: Not sampled

Isocontours for TCE in Groundwater 2021

**LEE AVENUE RAILROAD AREA
NORWICH, NEW YORK
NYS #709014**

EHS Support

Figure D-4