Intended for
The Goodyear Tire & Rubber Company
Akron, Ohio

Document type
Annual Report

Date
March 2023

2022 Annual Report

Remedial Work Element 2 (Groundwater) Forest Glen Superfund Site, Niagara Falls, New York

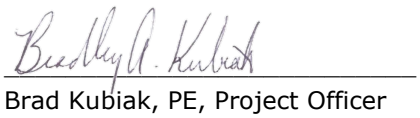
2022 Annual Report

Remedial Work Element 2 (Groundwater) Forest Glen Superfund Site, Niagara Falls, New York

Project name	**Forest Glen Superfund Site**
Project no.	**1087696.1950100553**
Recipient	**The Goodyear Tire & Rubber Company**
Document type	**Annual Report**
Version	**1**
Date	**March 24, 2023**

Ramboll
333 West Washington Street
Syracuse, NY 13202
USA

T 315-956-6100
F 315-463-7554
https://ramboll.com



Brad Kubiak, PE, Project Officer
Ramboll Americas Engineering Solutions, Inc.

Confidential

Contents

Tables

Figures

Appendices

Executive Summary

This document is the 2022 Annual Report for Remedial Work Element 2 (groundwater) (RWE-2) for the Forest Glen Superfund Site (Site) in Niagara Falls, New York. The Record of Decision (ROD; USEPA, 1999) established two remedial action objectives (RAOs) for RWE-2, specifically:

- Reduce or eliminate the threat to human health and the environment posed by groundwater contamination by remediating groundwater to maximum contaminant levels (MCLs)
- Reduce or eliminate the potential for migration of contaminants to potential receptors.

To achieve these RAOs, the USEPA selected a two-part approach for RWE-2. The first component includes extraction of contaminated groundwater from the on-property plume using groundwater recovery wells RW-1 and RW-2, and transfer of the extracted groundwater via sanitary sewer to the City of Niagara Falls Wastewater Treatment Plant. The second component for RWE-2 includes natural attenuation of the off-property VOC plume. The RWE-2 remedy was completed to complement the Remedial Work Element 1 (Soil) (RWE-1) remedy selected by the USEPA for Operable Unit 2 (soil) which consisted of construction of a 6 NYCRR Part 360 engineered cover system over the suspected source of volatile organic compounds (VOCs) in overburden soil. The construction of both RWE-1 and RWE-2 was completed, and operation of the groundwater recovery system including RW-1 and RW-2 started, during 2003. A third groundwater recovery well, RW-3, was completed and operations began on August 27, 2014 to augment contaminant capture and further minimize the potential for contaminant migration off-property. Combined, these wells recovered 13,596,641 gallons of groundwater for treatment at the Niagara Falls Wastewater Treatment Plant during 2022. In 2022, the groundwater recovery system was operational 100% of the year and actively pumped approximately 98% during the year as permitted by Regulator 6c.

Groundwater monitoring data are compared to regulatory criteria, which include federal maximum contaminant levels (MCLs) and New York State Class GA groundwater standards. It should be noted that for the contaminants of concern (COC), which are trichloroethene (TCE), cis-1,2-dichloroethene (cis-1,2-DCE), and vinyl chloride (VC), the federal MCLs and the Class GA groundwater standards are the same for TCE and vinyl chloride at 5 µg/L and 2 µg/L, respectively; however, the federal MCL for cis-1,2-DCE is 70 µg/L compared to the Class GA groundwater standard of 5 µg/L.

Off-property monitoring wells MW-7S, MW-7D, MW-7DD, MW-8S, MW-8D, and MW-8DD were monitored during the year to demonstrate continued attainment of the RAOs for the Site COCs including TCE, cis-1,2-DCE, and vinyl chloride in off-property groundwater. Since March 2015 there have been no COCs detected above the MCLs or Class GA groundwater standards in the off-property wells, an indication that the RAOs have been achieved west of the Site.

On-property, groundwater samples from MW-5S continue to exhibit COCs at concentrations above the MCLs. Concentrations of COCs in MW-5D were above the MCLs prior to completion of RWE-1 and startup of the groundwater recovery system during 2003 but have since been generally non-detect. MW-6D has also shown a reduction of COCs to below MCLs or non-detect, which is an indication of progress toward achievement of RAOs within the deep bedrock zone at these locations. The deeper bedrock zone represented by MW-6DD however does exhibit concentrations of cis-1,2-DCE above the Class GA groundwater standard but below the MCL, and vinyl chloride above the MCL. Since RW-3 has been operating, the concentration of vinyl chloride has declined in MW-6DD, while the concentration of cis-1,2-DCE fluctuates between 10 and 25 µg/L.

Continued monitoring and operation of the groundwater recovery system is warranted due to the concentration of COCs present in MW-5S, MW-6S, MW-6DD, and MW-10S. Historically, COCs above the MCLs have been detected at MW-5S. At MW-6S, cis-1,2-DCE has been detected above the Class GA groundwater standard but not the MCL, and a majority of the vinyl chloride concentrations were above the MCL between March 2014 and December 2022. The concentrations of VC in MW-6S had shown an increase since starting operation of RW-3 through the first quarter 2020. Since then, VC concentrations have fluctuated above and below the MCL.

Other observations coincident to the operation of RW-3 include a reduction in cis-1,2-DCE and vinyl chloride concentrations in MW-6D to below Class GA groundwater standards and MCLs, and reduction of vinyl chloride concentrations in MW-8D to below the MCL.

From August 1997 through March 2016, concentrations of cis-1,2-DCE and vinyl chloride at MW-10S were historically below MCLs and Class GA groundwater standards. Since then, these compounds have periodically been detected above the Class GA groundwater standard. It is important to recognize that Site-specific hydraulic flow potentials and contaminant migration pathways are scale-dependent and temporal variability in contaminant distribution, as indicated by analytical data, is not unusual given the heterogenous nature of fractured bedrock systems.

1. Introduction

1.1 General

This document is the 2022 Annual Report for RWE-2 at the Forest Glen Subdivision Superfund Site in Niagara Falls, New York (**Figure 1**). The report presents a summary of the groundwater recovery and monitoring that occurred during 2022.

This Section presents background information regarding the remedial work elements established by the United States Environmental Protection Agency (USEPA) for the Site. Section 2 provides a summary of groundwater recovery system operations and discharge monitoring that occurred during 2022, and Section 3 presents a summary of groundwater quality conditions.

1.2 Background

The Site is located in Niagara County, New York, partly in the City of Niagara Falls and partly in the Town of Niagara (**Figures 1 and 2**). It lies in the northwest quadrant of the intersection of Interstate Highway 190 and Porter Road, and is accessed from Service Road, off Porter Road. The Site is approximately 29 acres. The boundary between the City of Niagara Falls and the Town of Niagara runs north and south through the Site. Approximately 21.5 acres lie within in the City of Niagara Falls and approximately 7.5 acres lie within in the Town of Niagara.

The Site is bounded to the north by property owned by the New York Central Lines LLC/Conrail Niagara Junction Railway Company (a wholly owned subsidiary of Consolidated Rail Corporation, whose parent company is CSX Transportation, Inc.), to the east by Interstate 190, to the south by property owned by Peter Certo Corp., Expressway Village, Military Manor, and Candella, et al., and to the west by the land of the New York State Department of Transportation and the Conrail Foote Railroad Yard.

The groundwater recovery system was constructed on-property as required by the Statement of Work (SOW) included as part of the Consent Decree in the matter of United States v. The Goodyear Tire & Rubber Company (Goodyear) et. ano., Civil Action No. 960CV-07215 S (H). The SOW established two remedial work elements for the Site.

- RWE-1 was established to address soils and sediments on-Property
- RWE-2 was established to address groundwater on-Property and off-Property.

The RWE-1 actions, which included construction of a 6 NYCRR Part 360 engineered cover system, were completed in 2003 as presented in the USEPA-approved *Remedial Action Report* dated April 2004 (O'Brien & Gere Engineers, Inc. (OBG), 2004a). Operation and monitoring (O&M) requirements associated with RWE-1 are described in the *RWE-1 O&M Manual* dated April 2004 (OBG, 2004b), and Cherokee Niagara, LLC is responsible for implementing the O&M program for RWE-1 and separately reports the findings to USEPA. As such, RWE-1 is not discussed further herein.

The remedial action objectives (RAOs) for RWE-2 include:

- Reduce or eliminate the threat to human health and environment posed by groundwater contamination by remediating groundwater to maximum contaminant levels (MCLs)
- Reduce or eliminate the potential for migration of contaminants to potential receptors.

The RWE-2 remedy includes the following measures to accomplish these RAOs:

- Extraction of impacted groundwater from the on-property VOC plume. Since December 2003, this has been accomplished using two on-property groundwater recovery wells (RW-1 and RW-2), and a third groundwater recovery well, RW-3, which was placed into operation on August 27,2014 to augment the system. The locations of the recovery wells and other Site features are shown on **Figure 3**.
- Transfer of the extracted groundwater via sanitary sewer to the City of Niagara Falls Wastewater Treatment Plant. The discharge point permitted by the Niagara Falls Water Board (NFWB) is at sanitary sewer manhole MH-3B for RW-1 and RW-2, and manhole MH-3C for RW-3 (**Figure 2**).
- In addition to the facilities on-site, the RWE-2 groundwater system includes an overflow monitor at Sewer Regulator 6c located at 281 Hyde Park Blvd. in Niagara Falls, NY. The water level is monitored at this location for occurrences of overflow conditions which may occur during storm/thaw events or at other times. The NFWB requires that discharge of groundwater from the Site be suspended during overflow events at Regulator 6c since this may result in a by-pass of the POTW. To comply with this requirement, the level monitor owned and maintained by the NFWB located at Regulator 6c provides a high level alarm signal to the Goodyear telemetry system. The signal is transmitted via radio signal from the location of Regulator 6c to the Forest Glen Site. An interlock will then automatically turn off RW-1, 2, and 3. The recovery wells are automatically restarted when the high level alarm condition clears at Regulator 6c.
- Implementation of a long-term groundwater monitoring program to assess progress toward the RAOs. The monitoring program includes periodic VOC analyses, and through 2013 also included analysis of natural attenuation indicators which exhibited consistent concentrations comparing them to the historic results.

The shallow bedrock comprises the weathered portion of the Lockport Dolomite and the first zone of fractured bedrock and is encountered at elevations between approximately 568-ft mean sea level (msl) and 585-ft msl. The deep bedrock zone comprises fractures encountered between elevations of approximately 532-ft msl and 567-ft msl. A 5-ft to 10-ft section of fine-grained, structurally competent bedrock is present between the shallow and deep bedrock zones. Bedrock underlying the deep zone, between elevations of approximately 490-ft msl and 530-ft msl define the deeper bedrock zone. Groundwater was not encountered between elevations of approximately 477.5-ft msl and 490-ft msl, based on drilling data from MW-7DD(1). The lack of groundwater indicates that an aquiclude exists at an elevation of approximately 490-ft msl, which appears to be at least 12.5-ft thick. The top of the aquiclude (490-ft msl) defines the bottom of the bedrock groundwater system underlying the Site.

Ground water in the shallow and deep bedrock zones flows both vertically and horizontally through joints and bedding plane fractures. The distribution and interconnectedness of the joints and fractures dictate hydraulic flow potentials and contaminant migration pathways. Site-specific hydraulic flow potentials and contaminant migration pathways are scale-dependent and temporal variability in contaminant distribution, as indicated by analytical data, is not unusual given the heterogenous nature of fracture bedrock systems.

A groundwater extraction system at the Site is currently in operation. The groundwater extraction system comprises three pumping wells, RW-1, RW-2 and RW-3. RW-1 and RW-2 are the two original pumping wells installed and operated since 2003. A trial shut-down of the recovery system was conducted from October 2010 through April 2013 to assess if concentrations of contaminants of concern, namely TCE, cis-1,2-DCE, and VC, in the groundwater would rebound.

Due to observed rebound of COC concentrations, the system was restarted. RW-3 was added to the extraction system in August 2014 to control contaminant migration to off-Property areas to the west of the Site. During September 2017, the USEPA completed its Fifth Five-Year Review Report for the Site and concluded that the remedy protects human health and the environment.

2. Groundwater Recovery and Discharge

2.1 General

A total of 13,596,641 gallons of groundwater were recovered during 2022. **Table 1** below presents a summary of the volumes recovered each month.

Table 1. Monthly Operating Summary

Month	RW-1 volume (gallons)	RW-2 volume (gallons)	RW-3 volume (gallons)	Total volume (gallons)	Remarks
January	372,962	433,028	212,329	1,018,319	99% operation permitted by Regulator No. 6C.
February	471,860	339,997	178,847	990,704	90% operation permitted by Regulator No. 6C.
March	420,769	425,841	203,095	1,049,705	99% operation permitted by Regulator No. 6C.
April	324,047	357,350	205,104	886,501	99% operation permitted by Regulator No. 6C.
May	352,637	432,524	207,305	992,466	99% operation permitted by Regulator No. 6C.
June	429,644	520,138	200,457	1,150,239	100% operation permitted by Regulator No. 6C.
July	501,927	532,780	208,200	1,242,907	99% operation permitted by Regulator No. 6C.
August	522,814	533,868	196,660	1,253,342	99% operation permitted by Regulator No. 6C.
September	527,029	529,016	183,850	1,239,895	98% operation permitted by Regulator No. 6C.
October	536,998	553,209	187,619	1,277,826	97% operation permitted by Regulator No. 6C.
November	533,182	526,362	189,965	1,249,509	97% operation permitted by Regulator No. 6C.
December	482,261	551,189	211,778	1,245,228	96% operation permitted by Regulator No. 6C.
2022 Total	5,476,130	5,735,302	2,385,209	13,596,641	

Source: Ramboll

2.2 Quarterly Groundwater Discharge Sampling

In accordance with the Significant Industrial User (SIU) permit, effluent samples were collected for analyses of VOCs including VC, 1,1-dichloroethylene (1,1-DCE), 1,2-dichloroethylene (1,2-DCE, cis and trans), 1,1-dichloroethane (1-1-DCA), TCE, tetrachloroethylene (PCE), and 1,1,1-trichloroethane (1-1-1-TCA) from the recovery wells in operation at the time for the following quarters:

- December 1, 2021 to February 28, 2022: RW-1, RW-2 and RW-3 sampled on December 20 and 21, 2022.
- March 1, 2022 to May 31, 2022: RW-1, RW-2 and RW-3 sampled on March 21 and 22, 2022
- June 1, 2022 to August 31,2022 : RW-1, RW-2 and RW-3 sampled on June 21 and 22, 2022
- September 1, 2022 to November 30, 2022: RW-1, RW-2 and RW-3 sampled on September 26 and 27, 2022.

The self-monitoring laboratory reports for 2022, which were provided to the Niagara Falls Water Board (NFWB) are provided as **Appendix A**. The effluent sample results for each quarter demonstrate that the groundwater recovery system operated in accordance with the discharge limits established by the SIU permit (**Appendix B**).

2.3 Groundwater Recovery System Improvements

2.3.1 System preventive maintenance and improvements

Weekly preventive maintenance for RW-3
Weekly routine flushing and surging of the RW3 pumping system was continued in 2022, to combat biofouling and reduce the buildup of iron bacteria. The first step in the flushing procedure involves running the pump motor at maximum speed and flows for a short period of time to flush the pump and discharge line. The next step in the flushing process is to fluctuate flows from the pump, by adjusting the motor VFD/motor speed; and closing the discharge valve while the pump was operating to create backpressure for a short period of time, and then opening the valve to flush the system. Flow rates and pressures are monitored and recorded to better anticipate when the pump will be required to be pulled and cleaned.

January 27, 2022
During January 25th routine weekly inspection of the site, the inspector observed a drip from one of the pipe joints on the RW2 piping located within the RW1/RW2 sampling shed and secondary containment. The decision was made to shut RW2 down and keep RW1 online until service could be scheduled. A maintenance team mobilized on January 27th to assess the situation and make necessary repairs. The system was drained, and the line was dried and cleaned. The drip was repaired, and RW2 was brought back online. An in-service test with RW2 pumping at normal operating flow of 10gpm and 42psi was observed for 1 hour with no leaks or drips.

February 3, 2022
Weekly inspection revealed a new drip in the RW-2 piping located within the RW-1/RW-2 sampling shed. A threaded connection on a check valve was found to be the source of the drip. The check valve was removed and reinstalled with new Teflon tape and the drip was stopped. During the maintenance visit the technician found the heater to be malfunctioning so a temporary replacement space heater was procured and put in place until a new permanent replacement heater could be installed.

April 20, 2022
An instrument technician was deployed to the site to calibrate the RW-1, RW-2 and RW-3 flow meters and install the replacement heater in the RW-1/RW-2 sampling shed. RW-1, RW-2 and RW3 magnetic flow meters were calibrated with a 3-point simulation procedure. All calibrations were found to be within tolerance, no adjustments were necessary. The old heater was removed, and the new replacement heater was installed on the wall in its place. The temporary space heater was taken out of service and stored in the RW-1/RW-2 sample shed incase supplemental heating is needed in the future.

April 25 - April 27, 2022

Maintenance personnel mobilized to the site to perform various maintenance activities including the routine cleaning of the three recovery wells, replacing a well maintenance pad and inspection of the control joints in the concrete slab of the warehouse. Flow rates at RW-1, RW-2 and RW-3 were reduced due to biofouling, so plans were set in place to pull and clean all three pumps. On April 25th, the old well maintenance pad at MW-6DD was removed and a new concrete pad was formed. A prior site visit indicated that the sealant installed in the control joints within the warehouse had deteriorated over time so the crew inspected the entire building and calculated the linear footage of control joint(s) that would require repairs, and materials could be ordered. On April 26th fresh concrete was mixed and poured in the concrete form at MW6DD. In addition, the RW-1 and RW-2 pumps were pulled and cleaned and put back into service. On April 27th the wooden form for the MW-6DD maintenance pad was removed and the area was cleaned up. RW-3 pump was pulled and the pump end was removed and replaced. The removed pump end will be cleaned off site and set aside until the next time a pump becomes fouled and a clean replacement pump end is needed. The maintenance cleaning of the pumps resulted in an improved flow rate on the three wells, however the increased flow rates did not achieve the flow rates that were anticipated. Upon demobilization the RW-1, RW-2 and RW-3 pumps were pumping at a rate of 9 gpm, 6 gpm and 5 gpm respectively. It was determined that new replacement pump ends would need to be purchased and installed to achieve higher flow rates at RW-1 and RW-2.

May 2, – May 5, 2022

Previous inspection of the control joints in the warehouse concrete slab, revealed that a portion of the original sealant installed in the perimeter control joint needed repair. The control joint runs along the entire perimeter of the building at the interface between the concrete slab and the top of the foundation wall and column footers. Much of the sealant appears to be functioning properly, however several areas on the north and south side of the building are cracking and need to be replaced.

Based upon a follow up inspection that occurred on April 25,2022 approximately 300 linear feet (LF) of the control joint sealant needs to be cut out and repaired. This includes approximately 175 LF on the north side of the building and 125 LF on the south side of the building.

Repairs were performed in accordance with the manufacturer's recommendations, the basic steps taken are as follows:

1. Cutting out the old sealant,
2. Mechanically cleaning the concrete edge on both sides of the joint,
3. Removing old expansion board and or backer rod,
4. Installing new backer rod or tape to establish a bond brake,
5. Prime concrete edges,
6. Mix and install the new self-leveling polysulfide sealant.

Due to supplier chain issues related to the Covid-19 pandemic, only a portion of the self-leveling polysulfide sealant could be obtained so the crew concentrated on repairs in the northern half of the building, which they were able to complete. The deteriorated, cracked, control joints in the southern half of the building were temporarily sealed with a polyurethane caulk. They crew planned to return to site to complete the necessary control joint repairs on the southern half of the building when materials became available.

May 18, 2022
A maintenance team returned to the site to employ additional measures to attempt to increase the pumping rates at RW1 and RW2. New replacement pump ends were installed on both pumps. Interior plumbing modifications were made to reduce the number of 90-degree fittings in the sample shed. The discharge line was snaked from the sample shed out to the manhole. While mechanically snaking the discharge line a partial obstruction was detected approximately 20-25 ft out from the shed. The cause of the obstruction could not be ascertained without additional equipment and investigation. The additional measures taken resulted in increased pumping rates from both pumps, RW-1 increased to 11.0 gpm, and RW-2 increased to 8.4 gpm. Over time, subsequent days, the flow rates continued to increase and the desired flow rates of 10 gpm at each well was achieved.

May 31 – June 1, 2022
A maintenance team returned to the site to complete the control joint repairs on the southern half of the warehouse. The repairs were once again made in accordance with manufacturers recommendations, following the steps listed in the May 2-May 5 maintenance event. Approximately 100 linear foot of control joint was repaired and replaced with new Thiokol sealant (*i.e.*, self-leveling polysulfide sealant).

November 16, 2022
Reduced flow rates due to biofouling warranted routine maintenance cleaning of the RW-3 well pump. The pump was taken out of service and pulled from the casing. The pump end was removed and replaced with a previously cleaned pump end. The discharge control valve was adjusted to set a pumping rate of 5.2 gpm.

3. Groundwater Monitoring

3.1 General

Groundwater samples were collected from monitoring wells MW-1S, MW-1D, MW-4S, MW-4D, MW-5S, MW-5D, MW-6S, MW-6D, MW-6DD, MW-7S, MW-7D, MW-7DD, MW-8S, MW-8D, MW-8DD, MW-10S and MW-10D (**Figure 3**) on four occasions during 2022 (March, June, September and December). During each monitoring event, groundwater levels were also measured prior to initiating the groundwater sampling.

3.1.1 Groundwater level measurements

Groundwater levels were measured in the Site monitoring wells using an electronic water level probe prior to sampling. The water levels were subsequently converted to groundwater elevations as presented in **Table 2**. **Table 2** also presents the baseline groundwater elevations recorded during February 2000 prior to groundwater extraction starting at the Site in 2003.

Groundwater elevation contour maps of the shallow bedrock and deep bedrock groundwater are shown on **Figures 4 and 5**, respectively for March 2022; **Figures 6 and 7**, respectively for June 2022; **Figures 8 and 9**, respectively for September 2022; and **Figures 10 and 11**, respectively for December 2022. Baseline shallow and deep bedrock groundwater elevation contour maps prepared using data collected on February 14, 2000, are presented as **Figures 12 and 13**, respectively. The baseline data represent groundwater elevations before construction of the Part 360 engineered cover and groundwater recovery systems were complete.

Comparison of the baseline shallow and deep bedrock groundwater elevation contour maps (**Figures 12 and 13**) to the March, June, September, and December 2022 shallow and deep bedrock groundwater elevation contour maps (**Figures 4 through 11**) demonstrate that the current on-Site groundwater recovery system (RW-1, RW-2 and RW-3) creates inward hydraulic gradients toward the recovery wells.

3.1.2 Groundwater quality sampling

The groundwater samples were collected using low flow purging and sampling methods in accordance with the Long-Term Groundwater Monitoring Plan (OBG, 2004c).

The samples were submitted to Eurofins Environment Testing America in Amherst, New York for Target Compound List (TCL) VOC analysis using USEPA methods SW5030B/SW8260B, and the laboratory reports are provided in **Appendix C**. The VOC results for the sampling performed between 2020 and 2022 are presented in **Table 3**, and between system startup on December 19, 2003 and 2022 on **Table 4**. **Table 4** also presents historic groundwater data collected prior to completing the Part 360 engineered cover and groundwater recovery systems.

In addition to the VOC analyses, samples were analyzed for geochemical parameters (sulfide, chloride, alkalinity, total organic carbon, sulfate, nitrate, nitrite, dissolved ferrous iron, total dissolved iron, and total dissolved manganese) and dissolved gases (methane, ethane, ethene) during the first (March) and third quarter (September) 2022 monitoring event. **Tables 5** and **6** present the geochemical and dissolved gas data, respectively.

Groundwater monitoring data are compared to regulatory criteria, which include federal maximum contaminant levels (MCLs) and New York State Class GA groundwater standards. It should be noted that for the COCs, which are TCE, cis-1,2-DCE, and vinyl chloride, the federal MCLs and the Class GA groundwater standards are the same for TCE and vinyl chloride at 5 µg/L and 2 µg/L, respectively; however, the federal MCL for cis-1,2-DCE is 70 µg/L compared to the Class GA groundwater standard of 5 µg/L.

3.2 Assessment of Groundwater Quality Data and Trends

Below is an assessment of groundwater quality data summarized in **Tables 3 and 4**, and of concentration trends depicted in **Appendix D**. While a description of apparent trends is provided, changes in observed concentrations over the period are subject to several factors, including variability related to temporal, sampling, and analytical factors.

3.2.1 Volatile organic compound trends

Of the VOCs detected in the shallow and deep bedrock groundwater (**Table 4**), chlorinated aliphatic hydrocarbon (CAH) compounds have consistently been detected at the highest concentrations. The CAHs detected at the on-Property monitoring wells include TCE, PCE, 1,1,1-TCA, 1,1,2-trichloroethane (1,1,2-TCA), 1,2-dichloroethane (1,2-DCA), 1,1-DCA, cis-1,2-DCE, trans-1,2-DCE, 1,1-DCE, chloroethane, and vinyl chloride (VC). Of these CAHs, TCE, cis-1,2-DCE, and vinyl chloride are the compounds consistently detected.

Prior to the initiation of pumping within the bedrock during 2003, CAH concentrations (TCE, cis-1,2-DCE, VC, 1,1,1-TCA, and 1,1-DCA) declined laterally and downgradient from the MW-5S/D well nest. The spatial relationship between the MW-5S/D well nest and the other on-Property and off-Property monitoring wells is shown on **Figure 3**.

Review of the concentration trend graphs provided in **Appendix D** indicates the following:

- To the east of the MW-5S/D well nest:
  - CAHs were not detected above MCLs or Class GA groundwater standards at well MW-1S/D prior to the initiation of pumping in 2003. Since the initiation of pumping in 2003, CAHs have not been detected above MCLs or Class GA groundwater standards in the MW-1S/D nest, the only remaining monitoring wells sampled to the east of MW-5S/D nest.
- To the south of the MW-5S/D well nest:
  - TCE has not typically been detected at the MW-6S/D/DD well nest, and when detected, concentrations are below MCLs.
  - cis-1,2-DCE concentrations at MW-6S were typically below the MCL and Class GA groundwater standard prior to the initiation of pumping at RW-1 and RW-2. After startup of RW-1 and RW-2, concentrations increased slightly and typically ranged between 2 µg/L and 16 µg/L. During the trial shut down of the groundwater extraction system, cis-1,2-DCE concentrations were typically below the MCL and Class GA groundwater standard. After RW-1 and RW-2 were re-started, cis-1,2-DCE concentrations increased sharply to the highest concentration (70 µg/L) observed in this well. After RW-3 was placed on-line, cis-1,2-DCE concentrations declined to levels typically ranging between 10 µg/L and 30 µg/L. Concentrations of cis-1,2-DCE at MW-6D have remained below the MCL and Class GA groundwater standard since the first quarter 2014, which is attributable to operation of RW-3. cis-1,2-DCE concentrations at MW-6DD have been consistently detected below the MCL but above the Class GA groundwater standard. Concentrations typically fluctuate between 10 and 30 µg/L.
  - VC concentrations at MW-6S were intermittently detected historically and at concentrations generally below the MCL until RW-3 was brought on-line. Since then, VC concentrations have fluctuated over a wider range. This temporal variability in contaminant distribution, as indicated by analytical data, is not unusual given the heterogenous nature of fractured bedrock systems.VC concentrations at MW-6D were observed to increase after initiation of pumping at RW-1 and RW-2 and had ranged between approximately 30 µg/L and 50 µg/L. Since the first quarter of 2015, shortly after startup of RW-3, VC concentrations decreased below the MCL and have typically remained below the MCL or not detected. The decrease in VC concentrations is attributable to operation of RW-3. VC concentrations at MW-6DD were observed to increase after initiation of pumping at RW-1 and RW-2 and had ranged between approximately 10 µg/L and 20 µg/L. Shortly before startup of RW-3, VC concentrations decreased to a range between the MCL and approximately 5 µg/L. Since the fourth quarter of 2016, when detected, VC concentrations have remained relatively stable ranging between the MCL and approximately 5 µg/L. The decline in VC concentrations is attributable to operation of RW-3.
  - TCE has not been detected at MW-10S since September 2005. TCE has not been detected at MW-10D .
  - cis-1,2-DCE concentrations at MW-10S were consistently below the MCL and Class GA groundwater standard until RW-3 was brought on-line. Since then, cis-1,2-DCE concentrations have shown an increasing trend with intermittent periods when detections were below the MCL and Class GA groundwater standard or were not detected. During the fourth quarter of 2020, the cis-1,2-DCE concentration increased to its historic high, but since then concentrations have declined and were not detected the third and fourth quarters of 2022. Cis-1,2-DCE has not been detected at MW-10D since the first quarter of 2004.

  - VC concentrations at MW-10S were intermittently detected historically but at concentrations below the MCL until the first quarter of 2016, approximately 1.5 years after RW-3 was put on-line. Since then, most of the VC concentrations have been non-detect or detected at concentrations below the MCL. Detected concentrations have ranged between 1.4 and 6.6 µg/L. VC concentrations has not been detected at MW-10D since the third quarter of 2004.

- To the north of MW-5S/D:
  - TCE has not been detected at MW-4S since the initiation of monitoring in 1995. TCE has not been detected above the MCL at MW-4D since the initiation of monitoring in 1995 and has not been detected since the fourth quarter of 2006.
  - Cis-1,2-DCE has not been detected above the MCL or Class GA groundwater standard at MW-4S since the initiation of monitoring in 1995 and has not been detected since the fourth quarter of 2016. Cis-1,2-DCE has not been detected at MW-4D since the initiation of monitoring in 1995.
  - VC has not been detected at MW-4S or MW-4D since the initiation of monitoring in 1995.
- Off-property to the west of MW-5S/D:
  - TCE has not been detected above the MCL at the MW-7S/D/DD well nest, MW-8D, or MW-8DD. TCE has not been detected above the MCL since the second quarter of 2002 at MW-8S.
  - Cis-1,2-DCE has not been detected above the MCL or Class GA groundwater standard at MW-7S, or at MW-7D and MW-7DD since the fourth quarter of 2007 and the first quarter of 2004, respectively. Cis-1,2-DCE has not been detected above the MCL or Class GA groundwater standard at MW-8S, MW-8D, and MW-8DD since the third quarter of 2001, second quarter of 2007, and the third quarter of 2003, respectively.
  - VC has not been detected at MW-7S since the initiation of monitoring in 1995, and has not been detected at MW-7D and MW-7DD since the third quarter of 2012 and the second quarter of 2006, respectively. VC has not been detected at above the MCL at MW-8S, Mw-8D, or MW-8DD since the first quarter of 2000, the fourth quarter of 2014, and the first quarter of 2011, respectively.
  - These data indicate that the combination of groundwater extraction on-Property and monitored natural attenuation (MNA) off-Property have minimized impacts to off-Property areas.

Degradation processes can cause concentrations of individual CAHs to vary and make it difficult to evaluate plume attenuation based solely on individual CAH concentrations. By converting the CAH concentrations to micromole (µmol) concentrations and then adding the CAH micromole concentrations (mass), the combined CAH mass at each monitoring location within a plume can be compared. Because TCE, 1,2-DCE, and vinyl chloride are the predominant CAH compounds at the Site, these CAH concentrations have been converted to µmol concentrations for mass comparisons.

Appendix E presents the CAH mass trends and are described below:

- MW-4S/D nest – the CAH mass at MW-4S has been very low (*i.e.,* 0.001 µmols/l) since the initiation of sampling, while the CAH mass at MW-4D has declined to very low (*i.e.,* 0.001 µmols/l) concentrations since pumping was initiated in 2003.
- MW-5S/D nest – the CAH mass in MW-5S dominates the mass distribution at this well nest and represents the highest CAH mass in the on-Property monitoring wells. With the initiation of pumping in 2003 the CAH mass has declined from about 15 µmols/l to below 5 µmols/l. The combined CAH mass in this well nest began to increase following the trial shutdown of pumping between November 2010 and April 2013. Since the re-start of the extraction system,

the combined CAH mass decreased and continues to be at its lowest historical levels during each quarter of 2022.

- MW-6S/D/DD nest – the CAH mass at this well nest had increased since the initiation of pumping in 2003. MW-6S had stable low CAH mass prior to the initiation of pumping in 2003 and showed a similar pattern after pumping was shut down between November 2010 and April 2013. Since the groundwater recovery system was restarted, CAH mass in MW-6S has fluctuated over a wider concentration range. CAH mass in MW-6D increased by up to a factor of two since the initiation of pumping in 2003 through 2013, declined sharply after December 2013 and has continued to remain low. CAH mass in MW-6DD, which was installed when the pumping wells were installed, remained relatively constant since monitoring began. The combined CAH mass in this well nest increased since the initiation of pumping in 2003 through 2013. From 2014 through 2022, the combined CAH mass showed a more stable trend. Temporal variability in the contaminant mass distribution is not unexpected given the heterogenous nature of the fractured bedrock system. The decrease of CAH mass at the MW-6 nest appears to be consistent with the initiation of RW-3 pumping.
- MW-7S/D/DD nest – the CAH mass in MW-7S and MW-7DD has consistently been very low (*i.e.,* 0.001 µmols/l). The CAH mass at this well nest has been dominated by MW-7D which showed about an order of magnitude decline in CAH mass since the initiation of pumping in 2003. Because of the dominance of MW-7D, the combined CAH mass in this well nest also showed about an order of magnitude concentration decline since the initiation of pumping in 2003. CAH mass remained low during the trial pumping shutdown test between November 2010 and April 2013. CAH mass continued to remain low through 2022.
- MW-8S/D/DD nest – CAH mass in MW-8S and MW-8DD declined following the initiation of pumping in 2003. CAH mass slightly increased in MW-8S following the trial shut-down of pumping between November 2010 and April 2013 but has shown a decline since the initiation of pumping at RW-3. Since initiation of pumping in 2003, CAH mass in MW-8D increased until the second quarter of 2008, after which, CAH mass declined until RW-3 was placed on-line and CAH mass increased slightly. Shortly after RW-3 was placed on-line, CAH mass in MW-8D has steadily declined. These data suggest that RW-3 is effectively minimizing contaminant migration toward the MW-8 well nest.
- MW-10S/D nest – There has been no detectable CAH mass in MW-10D since the initiation of pumping during 2003. CAH mass in MW-10S was on the order of 0.03 µmols/l before pumping in 2003. Subsequent to the initiation of pumping of RW-3, CAH mass has generally fluctuated widely from quarter to quarter showing an increase in mass through the fourth quarter of 2020. Since then, CAH mass has generally declined with a temporal increase in CAH mass during the second quarter 2022. Temporal variability in the contaminant mass distribution is not unexpected given the heterogenous nature of the fractured bedrock system.

3.2.2 Geochemical and dissolved gas data trends

A MNA evaluation was conducted based on data obtained during 2013 and earlier and presented in the *MNA Report* (OBG, 2014). The overall conclusion of the MNA evaluation, as presented in the MNA Report, is that evidence exists which indicates that natural processes are attenuating CAH in the shallow and deep bedrock. The contaminant plumes are attenuating both through physical and biological processes. The physical processes include advection, dispersion, sorption, and volatilization. The biological processes involve the transformation of higher chlorinated CAHs to less chlorinated CAHs (daughter products) via reductive dechlorination.

Evidence of microbially-mediated degradation is supported by the presence of daughter products. TCE concentrations in the source area have shown decreasing trends, and cis-1,2-DCE and vinyl chloride are present at downgradient locations. In addition, there is evidence that substantial reductions in total CAH mass has occurred within the suspected source area between July 1997 and May 2002.

Geochemical evidence also indicates that subsurface conditions are amenable for microbially-mediated degradation, including the following:

- An abundance of dissolved TOC that can be utilized as a carbon source (electron donor) by microbes
- The presence of methane that suggest highly reducing conditions and microbial degradation
- Anaerobic conditions that sustain reductive dichlorination
- Groundwater pH ranges that are suitable for microbial populations

3.3 Conclusion

CAHs in both the on-property and off-property shallow and deep bedrock groundwater plumes have been undergoing natural attenuation. The strongest chemical evidence has been the presence of cis-1,2-DCE and vinyl chloride in groundwater in the vicinity of the source, the presence of vinyl chloride at the downgradient monitoring wells, and the declining total CAH mass concentrations in the vicinity of the source. In addition, the high ratios of cis-1,2-DCE to trans-1,2-DCE within the CAH plume is also indicative of biologically mediated degradation.

Geochemical conditions at the Site have been amenable to biologically mediated degradation. The dissolved oxygen, ferrous iron [Fe(II)], ORP, and methane data indicate that anaerobic conditions have predominated within the CAH plume. These anaerobic conditions provide an environment conducive to reductive dechlorination.

As presented in the *MNA Report* (OBG, 2014), the decline in CAH mass observed at on-property monitoring well nests MW-5S/D and MW-4S/D following the initiation of pumping of RW-1 and RW-2 in 2003 are consistent with the effects of groundwater pumping. Groundwater pumping increasingly draws groundwater from further away to the pumping well. This causes groundwater with little or no CAHs to be drawn to and mixed with the CAH plume groundwater at the pumping well. The result of this process is the decline in CAH mass concentrations in the vicinity of the pumping well. The continued presence of CAH mass at the MW-5S/D well nest indicates that there is a residual source of CAHs in the vicinity of this well nest; however, the CAH mass has continued to decline.

The decline in CAH mass observed at the MW-7S/D/DD well nest is an expected downgradient response to the groundwater pumping at the extraction wells. The extraction well pumping has effectively controlled the migration of CAHs from the on-property residual source to the MW-7S/D/DD well nest. With limited continued migration of CAHs to the MW-7S/D/DD well nest, natural attenuation processes have caused the CAH mass to decline.

The continued presence of CAH mass at the MW-6S/D/DD and MW-8S/D/DD well nests suggest that there is an area of residual CAHs in the fractured bedrock in vicinity of the MW-6S/D/DD nest. The dissolved CAH plume from this source did not appear to be intercepted by extraction wells RW-1 and RW-2. RW-3 was constructed on-property to address this observation.

Thirty-four groundwater monitoring events have been conducted at wells MW-6S/D/DD and MW-8S/D/DD (between September 2014 and December 2022) since installation and start-up of RW-3 in 2014. Analytical data results from these 34 events indicate that the presence of CAH mass at

the MW-6S/D/DD and MW-8S/D/DD well nest has, in general, decreased. However, CAH mass trend at well MW-6S was more variable since 2014 and showed a slight increase during June 2014, March 2016, March 2018, and March 2019. CAH mass increased to its highest concentration during March 2020 and December 2021. CAH mass at MW-6S decreased during 2022 from previous historical high concentrations. CAH mass at MW-6D and MW-8D continue to remain at, or near, their lowest levels recorded.

4. Recommendations

In an August 31, 2022 letter to USEPA, Goodyear requested approval for reduction of the monitoring and reporting frequency associated with Post-Construction Operations, Maintenance, and Monitoring. As indicated in the August 31, 2022 letter (provided in Appendix F), a robust analytical database has been generated for both VOCs and MNA parameters since initiation of post-construction groundwater monitoring during February 2004. As such, the following recommended modifications to post-construction groundwater sampling program are considered appropriate:

- Transition from quarterly to semi-annual monitoring for VOCs at 13 of the current monitoring well locations (MW-5S, MW-5D, MW-6S, MW-6D, MW-6DD, MW-7S, MW-7D, MW-7DD, MW-8S, MW-8D, MW-8DD, MW-10S, and MW-10D). It is proposed that the semi-annual monitoring events occur on a repeating biennial basis, with monitoring alternating annually between the first and third quarters, and the second and fourth quarters to capture potential seasonal variability.
- Discontinue VOC monitoring at monitoring wells MW-1S, MW-1D, MW-4S, and MW-4D. VOCs have not been detected at MW-1S or MW-1D since the initiation of monitoring during 1995. Trichloroethene (TCE) and vinyl chloride (VC) have not been detected at MW-4S since the initiation of monitoring during 1995, and cis-1,2-dichloroethene (cDCE) has not been detected since 2016. TCE, cDCE, and VC have not been detected at MW-4D since 2006, 2000, and 1995, respectively.
- Discontinue monitoring of MNA parameters. Thirty-four MNA parameter monitoring events have been conducted to date. These data continue to provide evidence that the shallow and deep bedrock systems are geochemically suitable for the occurrence of anaerobic degradation via reductive dechlorination. The continued collection of MNA parameter data does not add to the current understanding of natural attenuation mechanisms.

Notwithstanding the proposed modifications to the groundwater sampling program as described above, groundwater elevation monitoring would continue on a quarterly basis from 32 monitoring wells to continue to evaluate and demonstrate that hydraulic control of the on-Site groundwater plume is being maintained.

To clarify the proposed change in reporting frequency provided in the August 31, 2022 letter, and to be consistent with the proposed modification to the sampling frequency, it is proposed that one annual report be submitted for each future monitoring year rather than one semi-annual report and one annual report as indicated in the August 31, 2022 letter. The letter provided in Appendix F has been revised to reflect this change and re-dated consistent with the date of submittal of this Annual Report. It is proposed that the format of future annual reports be similar to the annual reports previously submitted.

5. References

OBG, 2004a. *Remedial Action Summary Report, Forest Glen Subdivision Site, Niagara Falls, New York*, April 2004

OBG, 2004b. *RWE-1 Operation and Maintenance Manual, Forest Glen Superfund Site, Niagara Falls, New York*, April 2004

OBG, 2004c. *RWE-2 Groundwater Systems Operations Plan*, April 2004 (includes Long-Term Groundwater Monitoring Plan as an appendix)

OBG, 2013. *Work Plan for Installation and Testing of Recovery Well RW-3, Forest Glen Subdivision Superfund Site, Niagara Falls, NY*, September 2103

OBG, 2014a. *Monitored Natural Attenuation (MNA) Report, Forest Glen Subdivision Site, Niagara Falls, N*ew York, January 2014

OBG, 2014b. *Recovery Well RW-3 Installation and Step-Test Summary Report, Forest Glen Subdivision Site, Niagara Falls, N*ew York, January 2014

OBG, 2015. *Recovery Well RW-3 Start-up Aquifer Response Monitoring Report, Forest Glen Subdivision Site, Niagara Falls, N*ew York, February 2015

USEPA, 1999. *Record of Decision, Forest Glen Subdivision Site, Town of Niagara and City of Niagara Falls, Niagara County, New York, United States Environmental Protection Agency Region II.*

RAMBØLL

TABLES

Table 2
Ground Water Elevations
2022 Annual Report - Forest Glen Superfund Site
Niagara Falls, New York

Well I.D.	Top of Casing Elevation (ft MSL)	Screened Interval Elevation (ft MSL)	8/1/1997 DTW	8/1/1997 GWE	7/13/2001 DTW	7/13/2001 GWE	8/13/2001 DTW	8/13/2001 GWE	11/26/2001 DTW	11/26/2001 GWE
MW-1S	598.15	568.5 - 578.5	18.94	579.21	16.21	581.94	18.77	579.38	16.86	581.29
MW-1D	598.05	546.7 - 567.5	18.96	579.09	16.17	581.88	18.74	579.31	16.79	581.26
MW-2S	596.95	567.1 - 577.1	18.01	578.94	15.78	581.17	17.63	579.32	13.58	583.37
	607.04									
	600.11									
MW-2D	596.98	535.4 - 559.8	18.41	578.57	15.99	580.99	17.76	579.22	15.41	581.57
	607.02									
	600.21									
MW-3S	597.43	567.3 - 577.3	18.53	578.90	16.20	581.23	18.00	579.43	13.62	583.81
MW-3D	597.10	545.1 - 564.1	18.27	578.83	15.89	581.21	17.67	579.43	14.41	582.69
MW-4S	595.34	573.6 - 583.6	15.86	579.48	13.76	581.58	15.55	579.79	12.97	582.37
	596.23									
	593.96									
MW-4D	595.44	534.1 - 563.4	16.90	578.54	14.40	581.04	16.24	579.20	13.85	581.59
	596.22									
	594.11									
MW-5S	594.25	566.2 - 576.2	15.60	578.65	13.25	581.00	14.99	579.26	12.14	582.11
	596.52									
	592.85									
MW-5D	594.34	542.7 - 565.4	15.83	578.51	13.48	580.86	15.19	579.15	12.80	581.54
	596.68									
	593.68									
MW-6S	597.11	568.2 - 578.2	18.04	579.07	15.72	581.39	17.57	579.54	11.23	585.88
MW-6D	596.73	540.3 - 567.8	18.17	578.56	15.84	580.89	17.55	579.18	15.11	581.62
MW-6DD	596.02		NI	NI	NI	NI	NI	NI	NI	NI
MW-7S	596.28	566.3 - 576.3	12.10	584.18	12.15	584.13	13.43	582.85	8.97	587.31
MW-7D	596.28	543.2 - 563.2	17.89	578.39	15.52	580.76	17.18	579.10	14.95	581.33
MW-7DD			NI	NI	NI	NI	NI	NI	NI	NI
MW-8S	596.67	564.4 - 574.4	15.68	580.99	14.47	582.20	15.85	580.82	13.11	583.56
MW-8D	596.86	542.8 - 561.9	19.82	577.04	17.06	579.80	18.98	577.88	17.11	579.75
MW-8DD			NI	NI	NI	NI	NI	NI	NI	NI
MW-9S	595.22	568.2 - 578.2	16.06	579.16	13.65	581.57	15.54	579.68	11.85	583.37
	605.28									
	600.98									
MW-9D	595.31	538.5 - 567.5	16.52	578.79	14.16	581.15	15.91	579.40	13.57	581.74
	605.35									
	600.77									
MW-10S	595.52	563.7 - 573.7	17.97	577.55	15.18	580.34	17.01	578.51	14.91	580.61
MW-10D	594.96	543.4 - 563.4	17.44	577.52	14.78	580.18	16.63	578.33	14.64	580.32
MW-11S	600.54	585.3 - 595.3	15.13	585.41	13.65	586.89	15.37	585.17	14.19	586.35
MW-11D	600.20	549.2 - 559.2	12.48	587.72	10.95	589.25	12.69	587.51	11.30	588.90
MW-12S	600.24	582.1 - 592.1	17.92	582.32	15.56	584.68	17.33	582.91	16.39	583.85
MW-12D	600.36	546.7 - 565.7	18.07	582.29	15.81	584.55	17.47	582.89	16.52	583.84
MW-13S	597.75	566.8 - 576.8	15.89	581.86	13.85	583.90	15.48	582.27	14.51	583.24
MW-13D	597.87	545.6 - 565.1	16.10	581.77	14.29	583.58	15.90	581.97	15.03	582.84
MW-14S	597.18	565.1 - 575.1	18.60	578.58	16.05	581.13	17.77	579.41	15.52	581.66
MW-14D	596.38	544.7 - 564.7	17.86	578.52	15.54	580.84	17.28	579.10	14.81	581.57
MW-15S	599.70	566.4 - 576.4	17.04	582.66	14.80	584.90	16.48	583.22	15.30	584.40
MW-15D	598.37	547.0 - 563.0	16.02	582.35	13.97	584.40	15.64	582.73	14.38	583.99
RW-1	593.60	526.5 - 574.5	NI	NI	NI	NI	NI	NI	NI	NI
	593.67									
	593.87									
RW-2	591.79	523.8 - 570.8	NI	NI	NI	NI	NI	NI	NI	NI
	591.80									
	592.43									
RW-3	595.65		NI	NI	NI	NI	NI	NI	NI	NI

NOTES: MSL - Mean Sea Level
DTW - Depth to Water
GWE - Ground Water Elevation
NM - Not Measured
NI - Not Installed

Date Printed: 1/12/2023
File: https://ramboll-my.sharepoint.com/personal/yuri_veliz_ramboll_com/Documents/Desktop/Working Projects/Forest Glen/Annual Report 2022/Tables/Tab 2-GWE-summary.xlsx

Table 2
Ground Water Elevations
2022 Annual Report - Forest Glen Superfund Site
Niagara Falls, New York

Well I.D.	Top of Casing Elevation (ft MSL)	Screened Interval Elevation (ft MSL)	2/25/2002 DTW	2/25/2002 GWE	5/13/2002 DTW	5/13/2002 GWE	7/28/2003 DTW	7/28/2003 GWE	2/6/2004 DTW	2/6/2004 GWE
MW-1S	598.15	568.5 - 578.5	12.45	585.70	12.82	585.33	18.71	579.44	19.23	578.92
MW-1D	598.05	546.7 - 567.5	12.52	585.53	12.95	585.10	18.78	579.27	19.03	579.02
MW-2S	596.95	567.1 - 577.1	10.85	586.10	10.94	586.01				
	607.04						30.63	576.41		
	600.11								24.85	575.26
MW-2D	596.98	535.4 - 559.8	11.87	585.11	12.50	584.48				
	607.02						30.75	576.27		
	600.21								24.46	575.75
MW-3S	597.43	567.3 - 577.3	7.11	590.32	11.10	586.33	ABND	ABND	ABND	ABND
MW-3D	597.10	545.1 - 564.1	11.20	585.90	11.55	585.55	ABND	ABND	ABND	ABND
MW-4S	595.34	573.6 - 583.6	9.16	586.18	8.94	586.40				
	596.23						19.66	576.57		
	593.96								18.05	575.91
MW-4D	595.44	534.1 - 563.4	10.23	585.21	10.94	584.50				
	596.22						20.73	575.49		
	594.11								19.48	574.63
MW-5S	594.25	566.2 - 576.2	8.77	585.48	9.40	584.85				
	596.52						21.14	575.38		
	592.85								18.60	574.25
MW-5D	594.34	542.7 - 565.4	9.15	585.19	9.85	584.49				
	596.68						21.32	575.36		
	593.68								19.29	574.39
MW-6S	597.11	568.2 - 578.2	10.08	587.03	9.35	587.76	20.19	576.92	21.35	575.76
MW-6D	596.73	540.3 - 567.8	11.55	585.18	12.23	584.50	21.27	575.46	22.19	574.54
MW-6DD	596.02		NI	NI	NI	NI	23.10		24.22	571.80
MW-7S	596.28	566.3 - 576.3	7.36	588.92	7.09	589.19	19.35	576.93	19.93	576.35
MW-7D	596.28	543.2 - 563.2	11.31	584.97	12.10	584.18	20.62	575.66	21.56	574.72
MW-7DD			NI	NI	NI	NI	21.69		22.48	
MW-8S	596.67	564.4 - 574.4	11.15	585.52	11.43	585.24	18.10	578.57	16.20	580.47
MW-8D	596.86	542.8 - 561.9	13.40	583.46	14.31	582.55	21.10	575.76	21.82	575.04
MW-8DD			NI	NI	NI	NI	21.40		22.85	
MW-9S	595.22	568.2 - 578.2	8.87	586.35	9.15	586.07				
	605.28						28.43	576.85		
	600.98								25.65	575.33
MW-9D	595.31	538.5 - 567.5	9.91	585.40	10.68	584.63				
	605.35						29.15	576.20		
	600.77								25.20	575.57
MW-10S	595.52	563.7 - 573.7	11.35	584.17	11.86	583.66	18.88	576.64	19.02	576.50
MW-10D	594.96	543.4 - 563.4	11.20	583.76	11.48	583.48	18.07	576.89	18.29	576.67
MW-11S	600.54	585.3 - 595.3	10.02	590.52	10.93	589.61	16.45	584.09	16.20	584.34
MW-11D	600.20	549.2 - 559.2	7.76	592.44	8.71	591.49	12.85	587.35	12.18	588.02
MW-12S	600.24	582.1 - 592.1	12.78	587.46	12.80	587.44	19.15	581.09	19.50	580.74
MW-12D	600.36	546.7 - 565.7	11.86	588.50	12.85	587.51	19.51	580.85	19.75	580.61
MW-13S	597.75	566.8 - 576.8	9.81	587.94	10.78	586.97	17.49	580.26	18.05	579.70
MW-13D	597.87	545.6 - 565.1	10.26	587.61	11.23	586.64	18.09	579.78	18.56	579.31
MW-14S	597.18	565.1 - 575.1	11.70	585.48	12.57	584.61	21.15	576.03	21.75	575.43
MW-14D	596.38	544.7 - 564.7	11.29	585.09	11.91	584.47	20.61	575.77	21.74	574.64
MW-15S	599.70	566.4 - 576.4	10.85	588.85	11.83	587.87	18.27	581.43	18.51	581.19
MW-15D	598.37	547.0 - 563.0	9.97	588.40	10.84	587.53	17.67	580.70	17.93	580.44
RW-1	593.60	526.5 - 574.5	NI	NI	NI	NI	18.38	575.22		
	593.67								38.70	554.97
	593.87									
RW-2	591.79	523.8 - 570.8	NI	NI	NI	NI	NM	NM		
	591.80								40.30	551.50
	592.43									
RW-3	595.65		NI	NI	NI	NI	NI	NI	NI	NI

NOTES: MSL - Mean Sea Level
DTW - Depth to Water
GWE - Ground Water Elevation
NM - Not Measured
NI - Not Installed

Date Printed: 1/12/2023
File: https://ramboll-my.sharepoint.com/personal/yuri_veliz_ramboll_com/Documents/Desktop/Working Projects/Forest Glen/Annual Report 2022/Tables/Tab 2-GWE-summary.xlsx

Table 2
Ground Water Elevations
2022 Annual Report - Forest Glen Superfund Site
Niagara Falls, New York

Well I.D.	Top of Casing Elevation (ft MSL)	Screened Interval Elevation (ft MSL)	5/17/2004 DTW	5/17/2004 GWE	7/23/2004 DTW	7/23/2004 GWE	8/4/2004 DTW	8/4/2004 GWE	11/18/2004 DTW	11/18/2004 GWE
MW-1S	598.15	568.5 - 578.5	16.61	581.54	18.58	579.57	15.65	582.50	20.77	577.38
MW-1D	598.05	546.7 - 567.5	16.44	581.61	18.60	579.45	15.56	582.49	20.80	577.25
MW-2S	596.95	567.1 - 577.1								
	607.04									
	600.11		21.85	578.26	24.53	575.58	20.36	579.75	26.50	573.61
MW-2D	596.98	535.4 - 559.8								
	607.02									
	600.21		22.12	578.09	24.57	575.64	20.31	579.90	26.45	573.76
MW-3S	597.43	567.3 - 577.3	ABND	ABND	ABND	ABND	ABND	ABND		
MW-3D	597.10	545.1 - 564.1	ABND	ABND	ABND	ABND	ABND	ABND		
MW-4S	595.34	573.6 - 583.6								
	596.23									
	593.96		15.35	578.61	17.74	576.22	14.53	579.43	19.45	574.51
MW-4D	595.44	534.1 - 563.4								
	596.22									
	594.11		16.93	577.18	19.37	574.74	15.00	579.11	21.45	572.66
MW-5S	594.25	566.2 - 576.2								
	596.52									
	592.85		16.21	576.64	18.23	574.62	14.10	578.75	20.48	572.37
MW-5D	594.34	542.7 - 565.4								
	596.68									
	593.68		16.82	576.86	19.10	574.58	14.87	578.81	21.37	572.31
MW-6S	597.11	568.2 - 578.2	17.69	579.42	21.03	576.08	16.26	580.85	22.42	574.69
MW-6D	596.73	540.3 - 567.8	19.93	576.80	22.22	574.51	17.25	579.48	24.43	572.30
MW-6DD	596.02		23.55	572.47	25.32	570.70	23.08	572.94	26.93	569.09
MW-7S	596.28	566.3 - 576.3	17.19	579.09	19.69	576.59	15.88	580.40	21.42	574.86
MW-7D	596.28	543.2 - 563.2	19.28	577.00	21.34	574.94	16.95	579.33	23.47	572.81
MW-7DD			20.80		24.10		19.50		24.68	
MW-8S	596.67	564.4 - 574.4	14.40	582.27	16.41	580.26	13.97	582.70	17.40	579.27
MW-8D	596.86	542.8 - 561.9	19.80	577.06	21.97	574.89	17.70	579.16	23.84	573.02
MW-8DD			21.72		23.96		20.55		25.72	
MW-9S	595.22	568.2 - 578.2								
	605.28									
	600.98		22.18	578.80	25.27	575.71	20.88	580.10	27.34	573.64
MW-9D	595.31	538.5 - 567.5								
	605.35									
	600.77		22.74	578.03	24.96	575.81	21.02	579.75	27.17	573.60
MW-10S	595.52	563.7 - 573.7	16.81	578.71	19.00	576.52	15.18	580.34	20.78	574.74
MW-10D	594.96	543.4 - 563.4	16.22	578.74	18.26	576.70	14.44	580.52	20.16	574.80
MW-11S	600.54	585.3 - 595.3	14.24	586.30	16.23	584.31	13.50	587.04	17.90	582.64
MW-11D	600.20	549.2 - 559.2	10.60	589.60	12.70	587.50	10.20	590.00	13.86	586.34
MW-12S	600.24	582.1 - 592.1	17.38	582.86	19.33	580.91	16.32	583.92	21.16	579.08
MW-12D	600.36	546.7 - 565.7	17.50	582.86	19.56	580.80	16.52	583.84	21.40	578.96
MW-13S	597.75	566.8 - 576.8	15.87	581.88	17.79	579.96	14.75	583.00	19.55	578.20
MW-13D	597.87	545.6 - 565.1	16.56	581.31	18.03	579.84	15.01	582.86	20.07	577.80
MW-14S	597.18	565.1 - 575.1	19.32	577.86	21.35	575.83	17.71	579.47	23.67	573.51
MW-14D	596.38	544.7 - 564.7	19.56	576.82	21.60	574.78	17.30	579.08	23.08	573.30
MW-15S	599.70	566.4 - 576.4	16.43	583.27	18.34	581.36	15.38	584.32	20.17	579.53
MW-15D	598.37	547.0 - 563.0	15.94	582.43	17.96	580.41	14.80	583.57	19.65	578.72
RW-1	593.60	526.5 - 574.5								
	593.67		NM	NM	NM	NM	NM	NM	21.65	572.02
	593.87									
RW-2	591.79	523.8 - 570.8								
	591.80		NM	NM	NM	NM	NM	NM	19.79	572.01
	592.43									
RW-3	595.65		NI	NI	NI	NI	NI	NI	NI	NI

NOTES: MSL - Mean Sea Level
DTW - Depth to Water
GWE - Ground Water Elevation
NM - Not Measured
NI - Not Installed

Date Printed: 1/12/2023
File: https://ramboll-my.sharepoint.com/personal/yuri_veliz_ramboll_com/Documents/Desktop/Working Projects/Forest Glen/Annual Report 2022/Tables/Tab 2-GWE-summary.xlsx

Table 2
Ground Water Elevations
2022 Annual Report - Forest Glen Superfund Site
Niagara Falls, New York

Well I.D.	Top of Casing Elevation (ft MSL)	Screened Interval Elevation (ft MSL)	2/16/2005 DTW	2/16/2005 GWE	4/18/2005 DTW	4/18/2005 GWE	9/6/2005 DTW	9/6/2005 GWE	11/14/2005 DTW	11/14/2005 GWE
MW-1S	598.15	568.5 - 578.5	13.99	584.16	15.96	582.19	18.79	579.36	17.22	580.93
MW-1D	598.05	546.7 - 567.5	13.60	584.45	16.11	581.94	18.84	579.21	17.18	580.87
MW-2S	596.95	567.1 - 577.1								
	607.04									
	600.11		17.10	583.01	20.71	579.40	23.71	576.40	21.45	578.66
MW-2D	596.98	535.4 - 559.8								
	607.02									
	600.21		18.62	581.59	21.74	578.47	23.58	576.63	21.91	578.30
MW-3S	597.43	567.3 - 577.3								
MW-3D	597.10	545.1 - 564.1								
MW-4S	595.34	573.6 - 583.6								
	596.23									
	593.96		13.60	580.36	14.45	579.51	17.58	576.38	15.53	578.43
MW-4D	595.44	534.1 - 563.4								
	596.22									
	594.11		13.53	580.58	16.66	577.45	18.3	575.81	16.58	577.53
MW-5S	594.25	566.2 - 576.2								
	596.52									
	592.85		12.72	580.13	15.81	577.04	17.33	575.52	15.53	577.32
MW-5D	594.34	542.7 - 565.4								
	596.68									
	593.68		13.14	580.54	16.5	577.18	18.06	575.62	16.34	577.34
MW-6S	597.11	568.2 - 578.2	18.54	578.57	15.95	581.16	20.18	576.93	17.33	579.78
MW-6D	596.73	540.3 - 567.8	16.23	580.50	19.5	577.23	21.04	575.69	19.36	577.37
MW-6DD	596.02		22.14	573.88	23.97	572.05	24.3	571.72	24.32	571.70
MW-7S	596.28	566.3 - 576.3	11.25	585.03	14.39	581.89	18.81	577.47	16.62	579.66
MW-7D	596.28	543.2 - 563.2	15.52	580.76	18.74	577.54	20.38	575.90	18.83	577.45
MW-7DD			18.40		19.91		21.17		19.82	
MW-8S	596.67	564.4 - 574.4	12.39	584.28	13.8	582.87	15.54	581.13	14.2	582.47
MW-8D	596.86	542.8 - 561.9	16.46	580.40	19.35	577.51	21.17	575.69	19.61	577.25
MW-8DD			19.50		22.05		23.23		22.52	
MW-9S	595.22	568.2 - 578.2								
	605.28									
	600.98		18.16	582.82	20.55	580.43	24.31	576.67	21.66	579.32
MW-9D	595.31	538.5 - 567.5								
	605.35									
	600.77		19.33	581.44	22.24	578.53	24.11	576.66	22.36	578.41
MW-10S	595.52	563.7 - 573.7	12.91	582.61	16.44	579.08	18.73	576.79	16.86	578.66
MW-10D	594.96	543.4 - 563.4	12.60	582.36	16.56	578.40	18.08	576.88	16.34	578.62
MW-11S	600.54	585.3 - 595.3	12.08	588.46	13.32	587.22	16.44	584.10	14.63	585.91
MW-11D	600.20	549.2 - 559.2	8.04	592.16	9.82	590.38	13.17	587.03	11.25	588.95
MW-12S	600.24	582.1 - 592.1	15.49	584.75	16.5	583.74	19.32	580.92	17.6	582.64
MW-12D	600.36	546.7 - 565.7	15.70	584.66	16.74	583.62	19.47	580.89	17.78	582.58
MW-13S	597.75	566.8 - 576.8	13.45	584.30	14.76	582.99	17.71	580.04	15.99	581.76
MW-13D	597.87	545.6 - 565.1	14.67	583.20	15.41	582.46	18.16	579.71	16.57	581.30
MW-14S	597.18	565.1 - 575.1			18.77	578.41	21.01	576.17	19.29	577.89
MW-14D	596.38	544.7 - 564.7			18.99	577.39	20.15	576.23	19.18	577.20
MW-15S	599.70	566.4 - 576.4			15.51	584.19	18.41	581.29	16.65	583.05
MW-15D	598.37	547.0 - 563.0			15.00	583.37	17.76	580.61	16.02	582.35
RW-1	593.60	526.5 - 574.5								
	593.67		NA	NA		565.90	18.18	575.49	16.36	577.31
	593.87									
RW-2	591.79	523.8 - 570.8								
	591.80		NA	NA		570.30	16.63	575.17	14.87	576.93
	592.43									
RW-3	595.65		NI	NI	NI	NI	NI	NI	NI	NI

NOTES: MSL - Mean Sea Level
DTW - Depth to Water
GWE - Ground Water Elevation
NM - Not Measured
NI - Not Installed

Date Printed: 1/12/2023
File: https://ramboll-my.sharepoint.com/personal/yuri_veliz_ramboll_com/Documents/Desktop/Working Projects/Forest Glen/Annual Report 2022/Tables/Tab 2-GWE-summary.xlsx

Table 2
Ground Water Elevations
2022 Annual Report - Forest Glen Superfund Site
Niagara Falls, New York

Well I.D.	Top of Casing Elevation (ft MSL)	Screened Interval Elevation (ft MSL)	4/25/2006 DTW	4/25/2006 GWE	11/13/2006 DTW	11/13/2006 GWE	5/1/2007 DTW	5/1/2007 GWE	10/29/07 DTW	10/29/07 GWE
MW-1S	598.15	568.5 - 578.5	16.99	581.16	17.86	580.29	15.19	582.96	20.75	577.40
MW-1D	598.05	546.7 - 567.5	16.82	581.23	17.78	580.27	15.25	582.80	20.50	577.55
MW-2S	596.95	567.1 - 577.1								
	607.04									
	600.11		21.06	579.05	23	577.11	19.58	580.53	25.76	574.35
MW-2D	596.98	535.4 - 559.8								
	607.02									
	600.21		22.02	578.19	23.6	576.61	11.84	588.37	25.96	574.25
MW-3S	597.43	567.3 - 577.3								
MW-3D	597.10	545.1 - 564.1								
MW-4S	595.34	573.6 - 583.6								
	596.23									
	593.96		15.67	578.29	16.58	577.38	13.77	580.19	19.44	574.52
MW-4D	595.44	534.1 - 563.4								
	596.22									
	594.11		16.86	577.25	18.52	575.59	15.7	578.41	20.80	573.31
MW-5S	594.25	566.2 - 576.2								
	596.52									
	592.85		15.81	577.04	17.6	575.25	14.71	578.14	19.72	573.13
MW-5D	594.34	542.7 - 565.4								
	596.68									
	593.68		16.65	577.03	18.37	575.31	15.54	578.14	20.82	572.86
MW-6S	597.11	568.2 - 578.2	14.43	582.68	18.44	578.67	12.02	585.09	22.47	574.64
MW-6D	596.73	540.3 - 567.8	19.74	576.99	21.44	575.29	18.5	578.23	23.78	572.95
MW-6DD	596.02		24.05	571.97	26.42	569.6	23.89	572.13	26.43	569.59
MW-7S	596.28	566.3 - 576.3	15.88	580.4	17.98	578.3	15.0	581.28	19.76	576.52
MW-7D	596.28	543.2 - 563.2	17.79	578.49	20.78	575.5	17.72	578.56	22.95	573.33
MW-7DD			19.61		21.95		18.52		22.97	
MW-8S	596.67	564.4 - 574.4	14.31	582.36	15.8	580.87	13.6	583.07	16.31	580.36
MW-8D	596.86	542.8 - 561.9	19.66	577.2	21.25	575.61	18.45	578.41	23.51	573.35
MW-8DD			22.57		24.85		22.6		26.05	
MW-9S	595.22	568.2 - 578.2								
	605.28									
	600.98		21.57	579.41	21.68	579.3	19.2	581.78	26.60	574.38
MW-9D	595.31	538.5 - 567.5								
	605.35									
	600.77		22.49	578.28	23.93	576.84	21.1	579.67	26.56	574.21
MW-10S	595.52	563.7 - 573.7	16.29	579.23	18.16	577.36	14.91	580.61	20.52	575.00
MW-10D	594.96	543.4 - 563.4	16.14	578.82	17.82	577.14	14.99	579.97	19.76	575.20
MW-11S	600.54	585.3 - 595.3	14.5	586.04	14.95	585.59	12.91	587.63	17.96	582.58
MW-11D	600.20	549.2 - 559.2	10.89	589.31	11.05	589.15	9.65	590.55	14.33	585.87
MW-12S	600.24	582.1 - 592.1	17.74	582.5	18.45	581.79	15.98	584.26	21.20	579.04
MW-12D	600.36	546.7 - 565.7	17.92	582.44	18.64	581.72	16.16	584.20	21.52	578.84
MW-13S	597.75	566.8 - 576.8	16.09	581.66	16.9	580.85	14.24	583.51	19.93	577.82
MW-13D	597.87	545.6 - 565.1	16.76	581.11	17.65	580.22	14.86	583.01	12.12	585.75
MW-14S	597.18	565.1 - 575.1	19.29	577.89	20.72	576.46	17.97	579.21	23.58	573.60
MW-14D	596.38	544.7 - 564.7	19.14	577.24	20.87	575.51	18.0	578.38	23.14	573.24
MW-15S	599.70	566.4 - 576.4	16.76	582.94	17.44	582.26	15.0	584.70	20.38	579.32
MW-15D	598.37	547.0 - 563.0	16.11	582.26	16.9	581.47	14.44	583.93	19.81	578.56
RW-1	593.60	526.5 - 574.5								
	593.67		16.68	576.99	18.44	575.23	15.45	578.22	21.15	572.52
	593.87									
RW-2	591.79	523.8 - 570.8								
	591.80		15.38	576.42	17.04	574.76	14.35	577.45	19.58	572.22
	592.43									
RW-3	595.65		NI	NI	NI	NI	NI	NI	NI	NI

NOTES: MSL - Mean Sea Level
DTW - Depth to Water
GWE - Ground Water Elevation
NM - Not Measured
NI - Not Installed

Date Printed: 1/12/2023
File: https://ramboll-my.sharepoint.com/personal/yuri_veliz_ramboll_com/Documents/Desktop/Working Projects/Forest Glen/Annual Report 2022/Tables/Tab 2-GWE-summary.xlsx

Table 2
Ground Water Elevations
2022 Annual Report - Forest Glen Superfund Site
Niagara Falls, New York

Well I.D.	Top of Casing Elevation (ft MSL)	Screened Interval Elevation (ft MSL)	05/21/08 DTW	05/21/08 GWE	11/17/08 DTW	11/17/08 GWE	10/19/09 DTW	10/19/09 GWE	05/17/10 DTW	05/17/10 GWE
MW-1S	598.15	568.5 - 578.5	19.18	578.97	18.20	579.95	19.63	578.52	17.28	580.87
MW-1D	598.05	546.7 - 567.5	19.21	578.84	18.02	580.03	19.69	578.36	17.25	580.80
MW-2S	596.95	567.1 - 577.1								
	607.04									
	600.11		23.93	576.18	22.82	577.29	24.82	575.29	21.04	579.07
MW-2D	596.98	535.4 - 559.8								
	607.02									
	600.21		24.82	575.39	22.90	577.31	24.86	575.35	22.24	577.97
MW-3S	597.43	567.3 - 577.3								
MW-3D	597.10	545.1 - 564.1								
MW-4S	595.34	573.6 - 583.6								
	596.23									
	593.96		17.36	576.60	17.81	576.15	18.14	575.82	15.40	578.56
MW-4D	595.44	534.1 - 563.4								
	596.22									
	594.11		19.72	574.39	18.18	575.93	20.00	574.11	17.10	577.01
MW-5S	594.25	566.2 - 576.2								
	596.52									
	592.85		18.72	574.13	17.31	575.54	19.16	573.69	16.30	576.55
MW-5D	594.34	542.7 - 565.4								
	596.68									
	593.68		19.56	574.12	18.35	575.33	19.86	573.82	16.96	576.72
MW-6S	597.11	568.2 - 578.2	19.70	577.41	18.15	578.96	20.94	576.17	14.40	582.71
MW-6D	596.73	540.3 - 567.8	22.46	574.27	20.85	575.88	22.82	573.91	19.92	576.81
MW-6DD	596.02		25.98	570.04	26.25	569.77	25.80	570.22	24.58	571.44
MW-7S	596.28	566.3 - 576.3	19.45	576.83	16.38	579.90	19.05	577.23	13.44	582.84
MW-7D	596.28	543.2 - 563.2	21.75	574.53	20.05	576.23	21.94	574.34	19.08	577.20
MW-7DD			22.23		20.78		22.07		19.12	
MW-8S	596.67	564.4 - 574.4	16.78	579.89	14.85	581.82	17.78	578.89	14.74	581.93
MW-8D	596.86	542.8 - 561.9	22.35	574.51	20.88	575.98	22.55	574.31	19.86	577.00
MW-8DD			25.18		25.07		25.22		23.90	
MW-9S	595.22	568.2 - 578.2								
	605.28									
	600.98		22.58	578.40	22.96	578.02	23.92	577.06	21.04	579.94
MW-9D	595.31	538.5 - 567.5								
	605.35									
	600.77		25.08	575.69	23.76	577.01	25.35	575.42	22.54	578.23
MW-10S	595.52	563.7 - 573.7	19.20	576.32	17.65	577.87	19.72	575.80	16.50	579.02
MW-10D	594.96	543.4 - 563.4	18.88	576.08	17.16	577.80	19.20	575.76	16.60	578.36
MW-11S	600.54	585.3 - 595.3	16.13	584.41	15.57	584.97	16.70	583.84	14.45	586.09
MW-11D	600.20	549.2 - 559.2	12.26	587.94	11.55	588.65	12.96	587.24	10.94	589.26
MW-12S	600.24	582.1 - 592.1	19.42	580.82	19.25	580.99	19.82	580.42	17.50	582.74
MW-12D	600.36	546.7 - 565.7	19.62	580.74	19.38	580.98	20.02	580.34	17.66	582.70
MW-13S	597.75	566.8 - 576.8	17.86	579.89	17.80	579.95	18.18	579.57	15.82	581.93
MW-13D	597.87	545.6 - 565.1	18.50	579.37	18.42	579.45	18.73	579.14	16.46	581.41
MW-14S	597.18	565.1 - 575.1	22.18	575.00	20.80	576.38	22.42	574.76	19.62	577.56
MW-14D	596.38	544.7 - 564.7	22.10	574.28	20.44	575.94	22.35	574.03	19.46	576.92
MW-15S	599.70	566.4 - 576.4	18.51	581.19	18.12	581.58	18.98	580.72	16.52	583.18
MW-15D	598.37	547.0 - 563.0	18.00	580.37	17.50	580.87	18.44	579.93	15.95	582.42
RW-1	593.60	526.5 - 574.5								
	593.67		20.10	573.57	18.09	575.58	20.52	573.15	17.28	576.39
	593.87									
RW-2	591.79	523.8 - 570.8								
	591.80		17.80	574.00	16.38	575.42	18.50	573.30	15.72	576.08
	592.43									
RW-3	595.65		NI	NI	NI	NI	NI	NI	NI	NI

NOTES: MSL - Mean Sea Level
DTW - Depth to Water
GWE - Ground Water Elevation
NM - Not Measured
NI - Not Installed

Date Printed: 1/12/2023
File: https://ramboll-my.sharepoint.com/personal/yuri_veliz_ramboll_com/Documents/Desktop/Working Projects/Forest Glen/Annual Report 2022/Tables/Tab 2-GWE-summary.xlsx

Table 2
Ground Water Elevations
2022 Annual Report - Forest Glen Superfund Site
Niagara Falls, New York

Well I.D.	Top of Casing Elevation (ft MSL)	Screened Interval Elevation (ft MSL)	11/18/2010 DTW	11/18/2010 GWE	1/17/2011 DTW	1/17/2011 GWE	4/18/2011 DTW	4/18/2011 GWE	7/25/2011 DTW	7/25/2011 GWE
MW-1S	598.15	568.5 - 578.5	19.2	578.95	18.4	579.75	13.6	584.55	20.25	577.90
MW-1D	598.05	546.7 - 567.5	19.16	578.89	18.48	579.57	13.46	584.59	20.24	577.81
MW-2S	596.95	567.1 - 577.1								
	607.04									
	600.11		24.65	575.46	22.35	577.76	16.7	583.41	25.37	574.74
MW-2D	596.98	535.4 - 559.8								
	607.02									
	600.21		24.5	575.71	23.08	577.13	17.34	582.87	24.03	576.18
MW-3S	597.43	567.3 - 577.3								
MW-3D	597.10	545.1 - 564.1								
MW-4S	595.34	573.6 - 583.6								
	596.23									
	593.96		18.86	575.10	16.06	577.90	11.62	582.34	18.27	575.69
MW-4D	595.44	534.1 - 563.4								
	596.22									
	594.11		19.8	574.31	17.92	576.19	13.14	580.97	20.45	573.66
MW-5S	594.25	566.2 - 576.2								
	596.52									
	592.85		19	573.85	16.9	575.95	12.08	580.77	19.54	573.31
MW-5D	594.34	542.7 - 565.4								
	596.68									
	593.68		19.68	574.00	17.68	576.00	12.9	580.78	20.3	573.38
MW-6S	597.11	568.2 - 578.2	20.35	576.76	17.78	579.33	7.28	589.83	21.41	575.70
MW-6D	596.73	540.3 - 567.8	22.6	574.13	20.72	576.01	15.86	580.87	23.28	573.45
MW-6DD	596.02		26.72	569.30	25.06	570.96	21.3	574.72	26.9	569.12
MW-7S	596.28	566.3 - 576.3	15.62	580.66	17.45	578.83	10.2	586.08	20	576.28
MW-7D	596.28	543.2 - 563.2	21.65	574.63	19.96	576.32	15.18	581.10	22.6	573.68
MW-7DD			21.36		19.96		15.46	-15.46	23.39	-23.39
MW-8S	596.67	564.4 - 574.4	16.4	580.27	19	577.67	13.2	583.47	19.92	576.75
MW-8D	596.86	542.8 - 561.9	22.4	574.46	20.95	575.91	16.15	580.71	23.26	573.60
MW-8DD			26.18		24.2		19.94	-19.94	26.18	-26.18
MW-9S	595.22	568.2 - 578.2								
	605.28									
	600.98		23.7	577.28	21.18	579.80	16.92	584.06	24.22	576.76
MW-9D	595.31	538.5 - 567.5								
	605.35									
	600.77		25.3	575.47	23.32	577.45	18.6	582.17	25.75	575.02
MW-10S	595.52	563.7 - 573.7	19.34	576.18	17.97	577.55	11.98	583.54	20.18	575.34
MW-10D	594.96	543.4 - 563.4	18.65	576.31	18.04	576.92	12.84	582.12	19.78	575.18
MW-11S	600.54	585.3 - 595.3	17	583.54	15.22	585.32	11.56	588.98	17.4	583.14
MW-11D	600.20	549.2 - 559.2	12.9	587.30	11.75	588.45	8.15	592.05	13.52	586.68
MW-12S	600.24	582.1 - 592.1	20.5	579.74	18.16	582.08	14.66	585.58	20.65	579.59
MW-12D	600.36	546.7 - 565.7	20.7	579.66	18.34	582.02	14.85	585.51	20.84	579.52
MW-13S	597.75	566.8 - 576.8	19.12	578.63	16.52	581.23	13	584.75	19.08	578.67
MW-13D	597.87	545.6 - 565.1	19.64	578.23	17.03	580.84	13.65	584.22	19.72	578.15
MW-14S	597.18	565.1 - 575.1	22.8	574.38	20.52	576.66	15.85	581.33	23.32	573.86
MW-14D	596.38	544.7 - 564.7	22.18	574.20	20.16	576.22	15.48	580.90	22.8	573.58
MW-15S	599.70	566.4 - 576.4	19.52	580.18	17.3	582.40	13.62	586.08	19.7	580.00
MW-15D	598.37	547.0 - 563.0	18.92	579.45	16.7	581.67	12.97	585.40	19.16	579.21
RW-1	593.60	526.5 - 574.5								
	593.67		20.42	573.25	17.78	575.89	12.9	580.77	20.23	573.44
	593.87									
RW-2	591.79	523.8 - 570.8								
	591.80		18.36	573.44	16.08	575.72	11.55	580.25	18.85	572.95
	592.43									
RW-3	595.65		NI	NI	NI	NI	NI	NI	NI	NI

NOTES: MSL - Mean Sea Level
DTW - Depth to Water
GWE - Ground Water Elevation
NM - Not Measured
NI - Not Installed

Date Printed: 1/12/2023
File: https://ramboll-my.sharepoint.com/personal/yuri_veliz_ramboll_com/Documents/Desktop/Working Projects/Forest Glen/Annual Report 2022/Tables/Tab 2-GWE-summary.xlsx

Table 2
Ground Water Elevations
2022 Annual Report - Forest Glen Superfund Site
Niagara Falls, New York

Well I.D.	Top of Casing Elevation (ft MSL)	Screened Interval Elevation (ft MSL)	10/24/2011 DTW	10/24/2011 GWE	3/19/2012 DTW	3/19/2012 GWE	8/6/2012 DTW	8/6/2012 GWE	12/17/2012 DTW	12/17/2012 GWE
MW-1S	598.15	568.5 - 578.5	17.34	580.81	16.75	581.40	19.84	578.31	17.55	580.60
MW-1D	598.05	546.7 - 567.5	17.26	580.79	16.78	581.27	19.74	578.31	17.51	580.54
MW-2S	596.95	567.1 - 577.1								
	607.04									
	600.11		21.55	578.56	20.18	579.93	24.7	575.41	21.1	579.01
MW-2D	596.98	535.4 - 559.8								
	607.02									
	600.21		21.04	579.17	20.92	579.29	23.63	576.58	21.1	579.11
MW-3S	597.43	567.3 - 577.3								
MW-3D	597.10	545.1 - 564.1								
MW-4S	595.34	573.6 - 583.6								
	596.23									
	593.96		16.25	577.71	13.96	580.00	18.14	575.82	14.52	579.44
MW-4D	595.44	534.1 - 563.4								
	596.22									
	594.11		16.8	577.31	16.18	577.93	19.17	574.94	15.98	578.13
MW-5S	594.25	566.2 - 576.2								
	596.52									
	592.85		15.82	577.03	15.2	577.65	18.26	574.59	14.97	577.88
MW-5D	594.34	542.7 - 565.4								
	596.68									
	593.68		16.62	577.06	16.02	577.66	18.94	574.74	15.74	577.94
MW-6S	597.11	568.2 - 578.2	17.95	579.16	13.2	583.91	21.02	576.09	16.23	580.88
MW-6D	596.73	540.3 - 567.8	19.64	577.09	19.08	577.65	21.96	574.77	18.78	577.95
MW-6DD	596.02		25.04	570.98	26.09	569.93	25.46	570.56	24.43	571.59
MW-7S	596.28	566.3 - 576.3	15.28	581.00	15.05	581.23	18.14	578.14	15.65	580.63
MW-7D	596.28	543.2 - 563.2	18.82	577.46	18.32	577.96	21.16	575.12	18.11	578.17
MW-7DD			19.85	-19.85	16.66	-16.66	21.15			
MW-8S	596.67	564.4 - 574.4	16.12	580.55	16.27	580.40	18.08	578.59	16.55	580.12
MW-8D	596.86	542.8 - 561.9	19.78	577.08	19.34	577.52	22.12	574.74	19.22	577.64
MW-8DD			24.15	-24.15	24.95	-24.95	24.63			
MW-9S	595.22	568.2 - 578.2								
	605.28									
	600.98		22.02	578.96	19.93	581.05	23.8	577.18	21.06	579.92
MW-9D	595.31	538.5 - 567.5								
	605.35									
	600.77		22.42	578.35	19.7	581.07	24.76	576.01	21.7	579.07
MW-10S	595.52	563.7 - 573.7	16.9	578.62	15.65	579.87	19.45	576.07	16.35	579.17
MW-10D	594.96	543.4 - 563.4	16.52	578.44	16.33	578.63	18.83	576.13	16.48	578.48
MW-11S	600.54	585.3 - 595.3	14.8	585.74	13.75	586.79	17.08	583.46	14.25	586.29
MW-11D	600.20	549.2 - 559.2	11.22	588.98	10.28	589.92	13.38	586.82	11.12	589.08
MW-12S	600.24	582.1 - 592.1	17.88	582.36	16.62	583.62	20.2	580.04	16.85	583.39
MW-12D	600.36	546.7 - 565.7	18.02	582.34	16.74	583.62	20.36	580.00	17	583.36
MW-13S	597.75	566.8 - 576.8	16.32	581.43	14.83	582.92	18.64	579.11	15.05	582.70
MW-13D	597.87	545.6 - 565.1	16.8	581.07	15.48	582.39	19.15	578.72	15.45	582.42
MW-14S	597.18	565.1 - 575.1	19.88	577.30	19.02	578.16	22.14	575.04	18.86	578.32
MW-14D	596.38	544.7 - 564.7	19.8	576.58	18.56	577.82	21.52	574.86	18.3	578.08
MW-15S	599.70	566.4 - 576.4	16.95	582.75	15.63	584.07	19.23	580.47	15.92	583.78
MW-15D	598.37	547.0 - 563.0	16.3	582.07	15.1	583.27	18.6	579.77	15.29	583.08
RW-1	593.60	526.5 - 574.5								
	593.67		16.72	576.95	16.12	577.55	19.05	574.62	15.8	577.87
	593.87									
RW-2	591.79	523.8 - 570.8								
	591.80		15.27	576.53	14.78	577.02	17.55	574.25	14.3	577.50
	592.43									
RW-3	595.65		NI	NI	NI	NI	NI	NI	NI	NI

NOTES: MSL - Mean Sea Level
DTW - Depth to Water
GWE - Ground Water Elevation
NM - Not Measured
NI - Not Installed

Date Printed: 1/12/2023
File: https://ramboll-my.sharepoint.com/personal/yuri_veliz_ramboll_com/Documents/Desktop/Working Projects/Forest Glen/Annual Report 2022/Tables/Tab 2-GWE-summary.xlsx

Table 2
Ground Water Elevations
2022 Annual Report - Forest Glen Superfund Site
Niagara Falls, New York

Well I.D.	Top of Casing Elevation (ft MSL)	Screened Interval Elevation (ft MSL)	5/20/2013 DTW	5/20/2013 GWE	8/19/2013 DTW	8/19/2013 GWE	12/16/2013 DTW	12/16/2013 GWE	3/12/2014 DTW	3/12/2014 GWE
MW-1S	598.15	568.5 - 578.5	18.35	579.80	18.06	580.09	17.27	580.88	13.96	584.19
MW-1D	598.05	546.7 - 567.5	18.42	579.63	18.22	579.83	17.35	580.70	13.9	584.15
MW-2S	596.95	567.1 - 577.1								
	607.04									
	600.11		23.2	576.91	23.37	576.74	19.98	580.13	19.92	580.19
MW-2D	596.98	535.4 - 559.8								
	607.02									
	600.21		22.48	577.73	22.5	577.71	21.9	578.31	18.38	581.83
MW-3S	597.43	567.3 - 577.3								
MW-3D	597.10	545.1 - 564.1								
MW-4S	595.34	573.6 - 583.6								
	596.23									
	593.96		16.54	577.42	16.52	577.44	14.78	579.18	13.17	580.79
MW-4D	595.44	534.1 - 563.4								
	596.22									
	594.11		18.7	575.41	18.42	575.69	16.58	577.53	14.66	579.45
MW-5S	594.25	566.2 - 576.2								
	596.52									
	592.85		17.8	575.05	17.57	575.28	15.52	577.33	13.76	579.09
MW-5D	594.34	542.7 - 565.4								
	596.68									
	593.68		18.52	575.16	18.28	575.40	16.3	577.38	14.55	579.13
MW-6S	597.11	568.2 - 578.2	18.04	579.07	18.35	578.76	17.05	580.06	18.7	578.41
MW-6D	596.73	540.3 - 567.8	21.53	575.20	21.28	575.45	19.36	577.37	18.12	578.61
MW-6DD	596.02		24.7	571.32	25.04	570.98	25.74	570.28	19.15	576.87
MW-7S	596.28	566.3 - 576.3	18.48	577.80	18.02	578.26	15.6	580.68	10.8	585.48
MW-7D	596.28	543.2 - 563.2	20.77	575.51	20.56	575.72	18.78	577.50	16.76	579.52
MW-7DD			20.88		20.96					
MW-8S	596.67	564.4 - 574.4	19.1	577.57	18.62	578.05	17.5	579.17	14.35	582.32
MW-8D	596.86	542.8 - 561.9	21.54	575.32	21.43	575.43	19.9	576.96	17.5	579.36
MW-8DD			24.28		24.58					
MW-9S	595.22	568.2 - 578.2								
	605.28									
	600.98		22.02	578.96	22.32	578.66	21.12	579.86	19.34	581.64
MW-9D	595.31	538.5 - 567.5								
	605.35									
	600.77		24.02	576.75	23.75	577.02	22.14	578.63	19.82	580.95
MW-10S	595.52	563.7 - 573.7	18.1	577.42	18.08	577.44	16.75	578.77	14.5	581.02
MW-10D	594.96	543.4 - 563.4	18.35	576.61	18.25	576.71	16.94	578.02	14.05	580.91
MW-11S	600.54	585.3 - 595.3	15.92	584.62	15.64	584.90	14.55	585.99	12.35	588.19
MW-11D	600.20	549.2 - 559.2	12.16	588.04	12.12	588.08	11.22	588.98	9.05	591.15
MW-12S	600.24	582.1 - 592.1	18.98	581.26	18.6	581.64	17.27	582.97	15.06	585.18
MW-12D	600.36	546.7 - 565.7	19.16	581.20	18.78	581.58	17.43	582.93	15.25	585.11
MW-13S	597.75	566.8 - 576.8	17.35	580.40	16.96	580.79	15.54	582.21	13.4	584.35
MW-13D	597.87	545.6 - 565.1	18	579.87	17.46	580.41	16.07	581.80	13.98	583.89
MW-14S	597.18	565.1 - 575.1	21.58	575.60	21.42	575.76	19.53	577.65	17.52	579.66
MW-14D	596.38	544.7 - 564.7	21.04	575.34	20.82	575.56	18.97	577.41	17.03	579.35
MW-15S	599.70	566.4 - 576.4	18	581.70	17.7	582.00	16.35	583.35	14.15	585.55
MW-15D	598.37	547.0 - 563.0	17.44	580.93	17.15	581.22	15.72	582.65	13.55	584.82
RW-1	593.60	526.5 - 574.5								
	593.67		18.74	574.93	18.45	575.22	16.3	577.37	14.58	579.09
	593.87									
RW-2	591.79	523.8 - 570.8								
	591.80		17.45	574.35	17.02	574.78	14.86	576.94	12.82	578.98
	592.43									
RW-3	595.65		NI	NI	NI	NI	NI	NI	18.22	577.43

NOTES: MSL - Mean Sea Level
DTW - Depth to Water
GWE - Ground Water Elevation
NM - Not Measured
NI - Not Installed

Date Printed: 1/12/2023
File: https://ramboll-my.sharepoint.com/personal/yuri_veliz_ramboll_com/Documents/Desktop/Working Projects/Forest Glen/Annual Report 2022/Tables/Tab 2-GWE-summary.xlsx

Table 2
Ground Water Elevations
2022 Annual Report - Forest Glen Superfund Site
Niagara Falls, New York

Well I.D.	Top of Casing Elevation (ft MSL)	Screened Interval Elevation (ft MSL)	6/9/2014 DTW	6/9/2014 GWE	9/22/2014 DTW	9/22/2014 GWE	12/8/2014 DTW	12/8/2014 GWE	3/16/2015 DTW	3/16/2015 GWE
MW-1S	598.15	568.5 - 578.5	17.93	580.22	21.28	576.87	20.9	577.25	14.92	583.23
MW-1D	598.05	546.7 - 567.5	17.9	580.15	21.25	576.80	20.86	577.19	14.52	583.53
MW-2S	596.95	567.1 - 577.1								
	607.04									
	600.11		24.94	575.17	26.4	573.71	26.35	573.76	22.68	577.43
MW-2D	596.98	535.4 - 559.8								
	607.02									
	600.21		22.75	577.46	25.75	574.46	25.26	574.95	18.4	581.81
MW-3S	597.43	567.3 - 577.3								
MW-3D	597.10	545.1 - 564.1								
MW-4S	595.34	573.6 - 583.6								
	596.23									
	593.96		17.53	576.43	20.12	573.84	20	573.96	17.02	576.94
MW-4D	595.44	534.1 - 563.4								
	596.22									
	594.11		19.98	574.13	23.11	571.00	22.65	571.46	16.14	577.97
MW-5S	594.25	566.2 - 576.2								
	596.52									
	592.85		19.24	573.61	22	570.85	21.86	570.99	15.6	577.25
MW-5D	594.34	542.7 - 565.4								
	596.68									
	593.68		19.9	573.78	23.12	570.56	22.72	570.96	16.1	577.58
MW-6S	597.11	568.2 - 578.2	22.18	574.93	23.84	573.27	23.62	573.49	20.98	576.13
MW-6D	596.73	540.3 - 567.8	23.56	573.17	26.55	570.18	26.22	570.51	19.6	577.13
MW-6DD	596.02		24.2	571.82	27.08	568.94	27.04	568.98	20.86	575.16
MW-7S	596.28	566.3 - 576.3	14.1	582.18	21.44	574.84	23.78	572.50	10.92	585.36
MW-7D	596.28	543.2 - 563.2	21.9	574.38	24.82	571.46	24.7	571.58	18.12	578.16
MW-7DD										
MW-8S	596.67	564.4 - 574.4	17.92	578.75	21.1	575.57	20.05	576.62	15.34	581.33
MW-8D	596.86	542.8 - 561.9	22.5	574.36	25.55	571.31	25	571.86	18.92	577.94
MW-8DD										
MW-9S	595.22	568.2 - 578.2								
	605.28									
	600.98		22.9	578.08	27.24	573.74	27.17	573.81	20.4	580.58
MW-9D	595.31	538.5 - 567.5								
	605.35									
	600.77		25.05	575.72	28.14	572.63	27.66	573.11	NM	NM
MW-10S	595.52	563.7 - 573.7	19.88	575.64	22.3	573.22	21.9	573.62	16.7	578.82
MW-10D	594.96	543.4 - 563.4	18.62	576.34	22.3	572.66	21.28	573.68	14.66	580.30
MW-11S	600.54	585.3 - 595.3	15.84	584.70	18.75	581.79	17.98	582.56	13.35	587.19
MW-11D	600.20	549.2 - 559.2	11.7	588.50	14.4	585.80	13.75	586.45	9.36	590.84
MW-12S	600.24	582.1 - 592.1	19.52	580.72	22.38	577.86	21.65	578.59	16.85	583.39
MW-12D	600.36	546.7 - 565.7	19.64	580.72	22.58	577.78	21.85	578.51	17.05	583.31
MW-13S	597.75	566.8 - 576.8	18.05	579.70	21.2	576.55	20.45	577.30	15.6	582.15
MW-13D	597.87	545.6 - 565.1	18.72	579.15	21.66	576.21	20.95	576.92	16.05	581.82
MW-14S	597.18	565.1 - 575.1	22.78	574.40	26.22	570.96	25.75	571.43	19.18	578.00
MW-14D	596.38	544.7 - 564.7	22.26	574.12	25.44	570.94	25.02	571.36	18.46	577.92
MW-15S	599.70	566.4 - 576.4	18.4	581.30	21.42	578.28	20.7	579.00	15.84	583.86
MW-15D	598.37	547.0 - 563.0	17.92	580.45	20.95	577.42	20.25	578.12	15.16	583.21
RW-1	593.60	526.5 - 574.5								
	593.67		20.82	572.85	23.54	570.13	23.32	570.35	16.42	577.25
	593.87									
RW-2	591.79	523.8 - 570.8								
	591.80		18.62	573.18	21.76	570.04	21.4	570.40	14.7	577.10
	592.43									
RW-3	595.65		23.67	571.98	26.8	568.85	24.25	571.40	20.32	575.33

NOTES: MSL - Mean Sea Level
DTW - Depth to Water
GWE - Ground Water Elevation
NM - Not Measured
NI - Not Installed

Date Printed: 1/12/2023
File: https://ramboll-my.sharepoint.com/personal/yuri_veliz_ramboll_com/Documents/Desktop/Working Projects/Forest Glen/Annual Report 2022/Tables/Tab 2-GWE-summary.xlsx

Table 2
Ground Water Elevations
2022 Annual Report - Forest Glen Superfund Site
Niagara Falls, New York

Well I.D.	Top of Casing Elevation (ft MSL)	Screened Interval Elevation (ft MSL)	5/7/2015 DTW	5/7/2015 GWE	6/23/2015 DTW	6/23/2015 GWE	9/21/2015 DTW	9/21/2015 GWE	1/11/2016 DTW	1/11/2016 GWE
MW-1S	598.15	568.5 - 578.5	18.69	579.46	18.07	580.08	19.6	578.55	18.34	579.81
MW-1D	598.05	546.7 - 567.5	18.77	579.28	18.08	579.97	19.63	578.42	17.97	580.08
MW-2S	596.95	567.1 - 577.1								
	607.04									
	600.11		25.2	574.91	25.07	575.04	26.02	574.09	25.08	575.03
MW-2D	596.98	535.4 - 559.8								
	607.02									
	600.21		23.38	576.83	22.75	577.46	24.42	575.79	22.34	577.87
MW-3S	597.43	567.3 - 577.3								
MW-3D	597.10	545.1 - 564.1								
MW-4S	595.34	573.6 - 583.6								
	596.23									
	593.96		17.3	576.66	17.82	576.14	19.58	574.38	19.02	574.94
MW-4D	595.44	534.1 - 563.4								
	596.22									
	594.11		20.31	573.80	20.27	573.84	21.58	572.53	20.15	573.96
MW-5S	594.25	566.2 - 576.2								
	596.52									
	592.85		19.51	573.34	19.55	573.30	20.9	571.95	19.42	573.43
MW-5D	594.34	542.7 - 565.4								
	596.68									
	593.68		20.25	573.43	20.26	573.42	21.58	572.10	20.15	573.53
MW-6S	597.11	568.2 - 578.2	21.97	575.14	22.52	574.59	23.72	573.39	22.2	574.91
MW-6D	596.73	540.3 - 567.8	23.84	572.89	23.98	572.75	25.1	571.63	23.62	573.11
MW-6DD	596.02		25.4	570.62	25.68	570.34	26.5	569.52	24.88	571.14
MW-7S	596.28	566.3 - 576.3	19.13	577.15	19.45	576.83	19.86	576.42	17.1	579.18
MW-7D	596.28	543.2 - 563.2	22.45	573.83	22.47	573.81	23.66	572.62	22.35	573.93
MW-7DD					22.9		23.7		22.24	
MW-8S	596.67	564.4 - 574.4	19.65	577.02	19.43	577.24	19.75	576.92	16.6	580.07
MW-8D	596.86	542.8 - 561.9	23.06	573.80	22.87	573.99	24.03	572.83	23.02	573.84
MW-8DD					25.6					
MW-9S	595.22	568.2 - 578.2								
	605.28									
	600.98		24.25	576.73	24.7	576.28	26.65	574.33	24.52	576.46
MW-9D	595.31	538.5 - 567.5								
	605.35									
	600.77		25.32	575.45	25.21	575.56	26.7	574.07	25.32	575.45
MW-10S	595.52	563.7 - 573.7	20.41	575.11	20.21	575.31	21.37	574.15	19.04	576.48
MW-10D	594.96	543.4 - 563.4	19.42	575.54	18.88	576.08	20.38	574.58	18.42	576.54
MW-11S	600.54	585.3 - 595.3	16.05	584.49	15.95	584.59	17.45	583.09	16.45	584.09
MW-11D	600.20	549.2 - 559.2	12.14	588.06	12.04	588.16	13.64	586.56	12.13	588.07
MW-12S	600.24	582.1 - 592.1	19.66	580.58	19.47	580.77	20.89	579.35	20.25	579.99
MW-12D	600.36	546.7 - 565.7	19.9	580.46	19.73	580.63	21.1	579.26	20.53	579.83
MW-13S	597.75	566.8 - 576.8	18.33	579.42	18.11	579.64	19.63	578.12	19.09	578.66
MW-13D	597.87	545.6 - 565.1	19	578.87	18.69	579.18	20.02	577.85	19.75	578.12
MW-14S	597.18	565.1 - 575.1	23.23	573.95	23.32	573.86	24.7	572.48	23.35	573.83
MW-14D	596.38	544.7 - 564.7	22.64	573.74	22.7	573.68	23.98	572.40	22.65	573.73
MW-15S	599.70	566.4 - 576.4	18.67	581.03	18.55	581.15	19.99	579.71	19.2	580.50
MW-15D	598.37	547.0 - 563.0	18.2	580.17	18.08	580.29	19.49	578.88	18.71	579.66
RW-1	593.60	526.5 - 574.5								
	593.67		20.65	573.02	27.3	566.37	20.05	573.62	20.55	573.12
	593.87									
RW-2	591.79	523.8 - 570.8								
	591.80		18.88	572.92	18.69	573.11	22.06	569.74	18.8	573.00
	592.43									
RW-3	595.65		23.39	572.26	25.2	570.45	26.4	569.25	21.4	574.25

NOTES: MSL - Mean Sea Level
DTW - Depth to Water
GWE - Ground Water Elevation
NM - Not Measured
NI - Not Installed

Date Printed: 1/12/2023
File: https://ramboll-my.sharepoint.com/personal/yuri_veliz_ramboll_com/Documents/Desktop/Working Projects/Forest Glen/Annual Report 2022/Tables/Tab 2-GWE-summary.xlsx

Table 2
Ground Water Elevations
2022 Annual Report - Forest Glen Superfund Site
Niagara Falls, New York

Well I.D.	Top of Casing Elevation (ft MSL)	Screened Interval Elevation (ft MSL)	3/28/2016 DTW	3/28/2016 GWE	6/20/2016 DTW	6/20/2016 GWE	9/19/2016 DTW	9/19/2016 GWE	12/19/2016 DTW	12/19/2016 GWE
MW-1S	598.15	568.5 - 578.5	14.1	584.05	21.07	577.08	21.06	577.09	21.63	576.52
MW-1D	598.05	546.7 - 567.5	13.95	584.10	20.9	577.15	20.93	577.12	21.34	576.71
MW-2S	596.95	567.1 - 577.1								
	607.04									
	600.11		21.46	578.65	26.19	573.92	26.74	573.37	26.43	573.68
MW-2D	596.98	535.4 - 559.8								
	607.02									
	600.21		18.1	582.11	25.15	575.06	24.9	575.31	25.45	574.76
MW-3S	597.43	567.3 - 577.3								
MW-3D	597.10	545.1 - 564.1								
MW-4S	595.34	573.6 - 583.6								
	596.23									
	593.96		14.22	579.74	19.05	574.91	20.02	573.94	20.18	573.78
MW-4D	595.44	534.1 - 563.4								
	596.22									
	594.11		15.78	578.33	22.35	571.76	22.38	571.73	23.25	570.86
MW-5S	594.25	566.2 - 576.2								
	596.52									
	592.85		15.05	577.80	21.56	571.29	21.75	571.10	21.35	571.50
MW-5D	594.34	542.7 - 565.4								
	596.68									
	593.68		15.8	577.88	22.32	571.36	22.3	571.38	23.27	570.41
MW-6S	597.11	568.2 - 578.2	21	576.11	23.42	573.69	24	573.11	23.86	573.25
MW-6D	596.73	540.3 - 567.8	19.46	577.27	25.92	570.81	25.78	570.95	26.76	569.97
MW-6DD	596.02		21.92	574.10	27.63	568.39	27.46	568.56	28.84	567.18
MW-7S	596.28	566.3 - 576.3	9.91	586.37	19.6	576.68	19.22	577.06	19.12	577.16
MW-7D	596.28	543.2 - 563.2	18.11	578.17	24.32	571.96	24.42	571.86	25.5	570.78
MW-7DD			17.85		23.84	-23.84	23.9			
MW-8S	596.67	564.4 - 574.4	14.52	582.15	20.42	576.25	19.34	577.33	20.35	576.32
MW-8D	596.86	542.8 - 561.9	18.76	578.10	24.78	572.08	25.04	571.82	25.92	570.94
MW-8DD					27.38		27.5			
MW-9S	595.22	568.2 - 578.2								
	605.28									
	600.98		21.35	579.63	26.6	574.38	26.98	574.00	27.25	573.73
MW-9D	595.31	538.5 - 567.5								
	605.35									
	600.77		20.92	579.85	27.35	573.42	27.44	573.33	28.16	572.61
MW-10S	595.52	563.7 - 573.7	16.36	579.16	21.4	574.12	21.95	573.57	22.16	573.36
MW-10D	594.96	543.4 - 563.4	14.45	580.51	21.11	573.85	21.08	573.88	21.74	573.22
MW-11S	600.54	585.3 - 595.3	12.74	587.80	17.86	582.68	18.5	582.04	18.76	581.78
MW-11D	600.20	549.2 - 559.2	9.21	590.99	13.9	586.30	14.3	585.90	14.52	585.68
MW-12S	600.24	582.1 - 592.1	16.03	584.21	21.54	578.70	22.24	578.00	22.73	577.51
MW-12D	600.36	546.7 - 565.7	16.3	584.06	21.72	578.64	22.36	578.00	22.97	577.39
MW-13S	597.75	566.8 - 576.8	14.64	583.11	20.26	577.49	21.1	576.65	21.79	575.96
MW-13D	597.87	545.6 - 565.1	15.28	582.59	28.8	569.07	21.69	576.18	22.26	575.61
MW-14S	597.18	565.1 - 575.1	18.98	578.20	25.14	572.04	25.4	571.78	26.55	570.63
MW-14D	596.38	544.7 - 564.7	18.33	578.05	24.58	571.80	24.88	571.50	25.8	570.58
MW-15S	599.70	566.4 - 576.4	15.04	584.66	20.5	579.20	21.26	578.44	21.69	578.01
MW-15D	598.37	547.0 - 563.0	14.54	583.83	20.05	578.32	20.06	578.31	21.26	577.11
RW-1	593.60	526.5 - 574.5								
	593.67		15.85	577.82	22.4	571.27	22.4	571.27	23.68	569.99
	593.87									
RW-2	591.79	523.8 - 570.8								
	591.80		14.5	577.30	20.97	570.83	20.65	571.15	21.8	570.00
	592.43									
RW-3	595.65		20.85	574.80	21.94	573.71	NM	NM	23.88	571.77

NOTES: MSL - Mean Sea Level
DTW - Depth to Water
GWE - Ground Water Elevation
NM - Not Measured
NI - Not Installed

Date Printed: 1/12/2023
File: https://ramboll-my.sharepoint.com/personal/yuri_veliz_ramboll_com/Documents/Desktop/Working Projects/Forest Glen/Annual Report 2022/Tables/Tab 2-GWE-summary.xlsx

Table 2
Ground Water Elevations
2022 Annual Report - Forest Glen Superfund Site
Niagara Falls, New York

Well I.D.	Top of Casing Elevation (ft MSL)	Screened Interval Elevation (ft MSL)	4/10/2017 DTW	4/10/2017 GWE	6/26/2017 DTW	6/26/2017 GWE	9/11/2017 DTW	9/11/2017 GWE	12/19/2017 DTW	12/19/2017 GWE
MW-1S	598.15	568.5 - 578.5	10.96	587.19	18.94	579.21	19.51	578.64	19.8	578.35
MW-1D	598.05	546.7 - 567.5	10.7	587.35	18.6	579.45	19.32	578.73	19.75	578.30
MW-2S	596.95	567.1 - 577.1								
	607.04									
	600.11		17.3	582.81	25.83	574.28	26	574.11	25.72	574.39
MW-2D	596.98	535.4 - 559.8								
	607.02									
	600.21		14.68	585.53	23.03	577.18	24.22	575.99	24.25	575.96
MW-3S	597.43	567.3 - 577.3								
MW-3D	597.10	545.1 - 564.1								
MW-4S	595.34	573.6 - 583.6								
	596.23									
	593.96		10.84	583.12	18.74	575.22	18.96	575.00	18.6	575.36
MW-4D	595.44	534.1 - 563.4								
	596.22									
	594.11		12.13	581.98	20.74	573.37	21.43	572.68	22	572.11
MW-5S	594.25	566.2 - 576.2								
	596.52									
	592.85		11.11	581.74	20.23	572.62	20.82	572.03	21.24	571.61
MW-5D	594.34	542.7 - 565.4								
	596.68									
	593.68		12.05	581.63	20.75	572.93	21.44	572.24	22.06	571.62
MW-6S	597.11	568.2 - 578.2	16.85	580.26	23.35	573.76	23.24	573.87	23.93	573.18
MW-6D	596.73	540.3 - 567.8	15.8	580.93	24.65	572.08	25.12	571.61	26.6	570.13
MW-6DD	596.02		19.12	576.90	28.11	567.91	27.4	568.62	29.34	566.68
MW-7S	596.28	566.3 - 576.3	10.41	585.87	17.42	578.86	18.88	577.40	16.73	579.55
MW-7D	596.28	543.2 - 563.2	14.33	581.95	22.58	573.70	23.48	572.80	23.9	572.38
MW-7DD										
MW-8S	596.67	564.4 - 574.4	12.79	583.88	17.82	578.85	18.71	577.96	18.16	578.51
MW-8D	596.86	542.8 - 561.9	15.31	581.55	23.53	573.33	24.16	572.70	24.57	572.29
MW-8DD										
MW-9S	595.22	568.2 - 578.2								
	605.28									
	600.98		17.45	583.53	25.09	575.89	24.85	576.13	24.55	576.43
MW-9D	595.31	538.5 - 567.5								
	605.35									
	600.77		17.46	583.31	25.81	574.96	26.49	574.28	24.3	576.47
MW-10S	595.52	563.7 - 573.7	11.68	583.84	20.58	574.94	20.82	574.70	20.2	575.32
MW-10D	594.96	543.4 - 563.4	11.36	583.60	19.47	575.49	20.02	574.94	19.72	575.24
MW-11S	600.54	585.3 - 595.3	9.85	590.69	16.83	583.71	17.28	583.26	16.94	583.60
MW-11D	600.20	549.2 - 559.2	6.89	593.31	12.7	587.50	13.3	586.90	12.42	587.78
MW-12S	600.24	582.1 - 592.1	12.69	587.55	20.72	579.52	21.11	579.13	21	579.24
MW-12D	600.36	546.7 - 565.7	12.96	587.40	21	579.36	21.38	578.98	21.24	579.12
MW-13S	597.75	566.8 - 576.8	11.2	586.55	19.68	578.07	19.97	577.78	19.81	577.94
MW-13D	597.87	545.6 - 565.1	11.73	586.14	20.35	577.52	20.56	577.31	20.58	577.29
MW-14S	597.18	565.1 - 575.1	15.17	582.01	23.64	573.54	24.4	572.78	24.87	572.31
MW-14D	596.38	544.7 - 564.7	14.57	581.81	23.08	573.30	23.95	572.43	24.4	571.98
MW-15S	599.70	566.4 - 576.4	11.83	587.87	19.65	580.05	20.08	579.62	19.95	579.75
MW-15D	598.37	547.0 - 563.0	11.34	587.03	19.16	579.21	19.67	578.70	19.51	578.86
RW-1	593.60	526.5 - 574.5								
	593.67		11.95	581.72	20.96	572.71	21.48	572.19	22.7	570.97
	593.87									
RW-2	591.79	523.8 - 570.8								
	591.80		10.52	581.28	19.71	572.09	20.2	571.60	20.56	571.24
	592.43									
RW-3	595.65		18.0	577.65	27.3	568.37	21.68	573.97	21.9	573.75

NOTES: MSL - Mean Sea Level
DTW - Depth to Water
GWE - Ground Water Elevation
NM - Not Measured
NI - Not Installed

Date Printed: 1/12/2023
File: https://ramboll-my.sharepoint.com/personal/yuri_veliz_ramboll_com/Documents/Desktop/Working Projects/Forest Glen/Annual Report 2022/Tables/Tab 2-GWE-summary.xlsx

Table 2
Ground Water Elevations
2022 Annual Report - Forest Glen Superfund Site
Niagara Falls, New York

Well I.D.	Top of Casing Elevation (ft MSL)	Screened Interval Elevation (ft MSL)	3/13/2018 DTW	3/13/2018 GWE	6/18/2018 DTW	6/18/2018 GWE	9/17/2018 DTW	9/17/2018 GWE	11/27/2018 DTW	11/27/2018 GWE
MW-1S	598.15	568.5 - 578.5	15.98	582.17	20.76	577.39	21.18	576.97	19.05	579.10
MW-1D	598.05	546.7 - 567.5	16.02	582.03	20.61	577.44	21.1	576.95	18.85	579.20
MW-2S	596.95	567.1 - 577.1								
	607.04									
	600.11		22.63	577.48	26.21	573.90	26.3	573.81	25.85	574.26
MW-2D	596.98	535.4 - 559.8								
	607.02									
	600.21		20.1	580.11	24.99	575.22	25.34	574.87	22	578.21
MW-3S	597.43	567.3 - 577.3								
MW-3D	597.10	545.1 - 564.1								
MW-4S	595.34	573.6 - 583.6								
	596.23									
	593.96		15.2	578.76	18.9	575.06	20.25	573.71	18.62	575.34
MW-4D	595.44	534.1 - 563.4								
	596.22									
	594.11		17.53	576.58	22.58	571.53	23.2	570.91	20.2	573.91
MW-5S	594.25	566.2 - 576.2								
	596.52									
	592.85		16.78	576.07	21.78	571.07	22.18	570.67	19.62	573.23
MW-5D	594.34	542.7 - 565.4								
	596.68									
	593.68		17.62	576.06	22.66	571.02	23.32	570.36	20.3	573.38
MW-6S	597.11	568.2 - 578.2	21.48	575.63	23.23	573.88	24.08	573.03	22.63	574.48
MW-6D	596.73	540.3 - 567.8	21.54	575.19	26.14	570.59	26.76	569.97	23.9	572.83
MW-6DD	596.02		25.83	570.19	28.36	567.66		596.02	26.68	569.34
MW-7S	596.28	566.3 - 576.3	13.47	582.81	20.94	575.34	20.17	576.11	14.3	581.98
MW-7D	596.28	543.2 - 563.2	19.67	576.61	24.85	571.43	25.33	570.95	21.99	574.29
MW-7DD										
MW-8S	596.67	564.4 - 574.4	15.66	581.01	20.25	576.42	20.14	576.53	17.14	579.53
MW-8D	596.86	542.8 - 561.9	20.59	576.27	25.13	571.73	25.7	571.16	23.38	573.48
MW-8DD									28.38	
MW-9S	595.22	568.2 - 578.2								
	605.28									
	600.98		22.67	578.31	24.7	576.28	26.4	574.58	24.18	576.80
MW-9D	595.31	538.5 - 567.5								
	605.35									
	600.77		22.59	578.18	27.44	573.33	28	572.77	20.98	579.79
MW-10S	595.52	563.7 - 573.7	18.18	577.34	21.46	574.06	22.25	573.27	19.32	576.20
MW-10D	594.96	543.4 - 563.4	16.98	577.98	21.32	573.64	21.8	573.16	18.76	576.20
MW-11S	600.54	585.3 - 595.3	13.38	587.16	17.85	582.69	18.66	581.88	16.49	584.05
MW-11D	600.20	549.2 - 559.2	9.81	590.39	14.81	585.39	14.7	585.50	12.28	587.92
MW-12S	600.24	582.1 - 592.1	16.89	583.35	21.6	578.64	22.35	577.89	20.3	579.94
MW-12D	600.36	546.7 - 565.7	17.2	583.16	21.85	578.51	22.7	577.66	20.48	579.88
MW-13S	597.75	566.8 - 576.8	15.55	582.20	20.39	577.36	21.48	576.27	19.1	578.65
MW-13D	597.87	545.6 - 565.1	16.25	581.62	21.12	576.75	21.7	576.17	20	577.87
MW-14S	597.18	565.1 - 575.1	20.36	576.82	25.42	571.76	26.19	570.99	23.15	574.03
MW-14D	596.38	544.7 - 564.7	19.93	576.45	25	571.38	25.58	570.80	23.49	572.89
MW-15S	599.70	566.4 - 576.4	15.88	583.82	20.66	579.04	21.47	578.23	19.32	580.38
MW-15D	598.37	547.0 - 563.0	15.44	582.93	20.25	578.12	20.94	577.43	19.01	579.36
RW-1	593.60	526.5 - 574.5								
	593.67									
	593.87		17.63	576.24	23.04	570.83	23.5	570.37	21.24	572.63
RW-2	591.79	523.8 - 570.8								
	591.80									
	592.43		16.44	575.99	21.3	571.13	21.95	570.48	19.02	573.41
RW-3	595.65		21.7	573.95	21.9	573.75	26.55	569.10	21.9	573.75

NOTES: MSL - Mean Sea Level
DTW - Depth to Water
GWE - Ground Water Elevation
NM - Not Measured
NI - Not Installed

Date Printed: 1/12/2023
File: https://ramboll-my.sharepoint.com/personal/yuri_veliz_ramboll_com/Documents/Desktop/Working Projects/Forest Glen/Annual Report 2022/Tables/Tab 2-GWE-summary.xlsx

Table 2
Ground Water Elevations
2022 Annual Report - Forest Glen Superfund Site
Niagara Falls, New York

Well I.D.	Top of Casing Elevation (ft MSL)	Screened Interval Elevation (ft MSL)	3/18/2019 DTW	3/18/2019 GWE	6/19/2019 DTW	6/19/2019 GWE	9/23/2019 DTW	9/23/2019 GWE	12/17/2019 DTW	12/17/2019 GWE
MW-1S	598.15	568.5 - 578.5	15.35	582.80	15.5	582.65	19.18	578.97	13.44	584.71
MW-1D	598.05	546.7 - 567.5	15.24	582.81	15.54	582.51	19.02	579.03	13.22	584.83
MW-2S	596.95	567.1 - 577.1								
	607.04									
	600.11		21.4	578.71	22.8	577.31	25.85	574.26	20.28	579.83
MW-2D	596.98	535.4 - 559.8								
	607.02									
	600.21		19.12	581.09	19.84	580.37	23.5	576.71	16.8	583.41
MW-3S	597.43	567.3 - 577.3								
MW-3D	597.10	545.1 - 564.1								
MW-4S	595.34	573.6 - 583.6								
	596.23									
	593.96		15.04	578.92	15.46	578.50	18.85	575.11	13.95	580.01
MW-4D	595.44	534.1 - 563.4								
	596.22									
	594.11		15.93	578.18	17.3	576.81	21.84	572.27	14.85	579.26
MW-5S	594.25	566.2 - 576.2								
	596.52									
	592.85		15.12	577.73	16.51	576.34	20.25	572.60	14.14	578.71
MW-5D	594.34	542.7 - 565.4								
	596.68									
	593.68		15.92	577.76	17.35	576.33	21.82	571.86	14.82	578.86
MW-6S	597.11	568.2 - 578.2	20.6	576.51	21.45	575.66	22.8	574.31	19.52	577.59
MW-6D	596.73	540.3 - 567.8	19.68	577.05	21.16	575.57	25.38	571.35	18.44	578.29
MW-6DD	596.02		23.7	572.32	25.78	570.24	27.98	568.04	22.04	573.98
MW-7S	596.28	566.3 - 576.3	17.91	578.37	15.85	580.43	19.46	576.82	11.92	584.36
MW-7D	596.28	543.2 - 563.2	12.52	583.76	19.24	577.04	23.74	572.54	17.2	579.08
MW-7DD							23.39		52.38	
MW-8S	596.67	564.4 - 574.4	14.71	581.96	16.54	580.13	19.05	577.62	13.73	582.94
MW-8D	596.86	542.8 - 561.9	18.84	578.02	20.12	576.74	24.28	572.58	17.92	578.94
MW-8DD							27.84			
MW-9S	595.22	568.2 - 578.2								
	605.28									
	600.98		21.42	579.56	22.42	578.56	25.12	575.86	20.16	580.82
MW-9D	595.31	538.5 - 567.5								
	605.35									
	600.77		21.13	579.64	22.26	578.51	26.52	574.25	17.8	582.97
MW-10S	595.52	563.7 - 573.7	16.66	578.86	17.98	577.54	20.86	574.66	14.65	580.87
MW-10D	594.96	543.4 - 563.4	15.34	579.62	16.38	578.58	20.25	574.71	13.54	581.42
MW-11S	600.54	585.3 - 595.3	13.28	587.26	13.42	587.12	16.29	584.25	11.95	588.59
MW-11D	600.20	549.2 - 559.2	9.82	590.38	9.94	590.26	12.76	587.44	8.36	591.84
MW-12S	600.24	582.1 - 592.1	16.57	583.67	16.75	583.49	20.55	579.69	15.35	584.89
MW-12D	600.36	546.7 - 565.7	16.71	583.65	16.98	583.38	20.7	579.66	15.46	584.90
MW-13S	597.75	566.8 - 576.8	15.01	582.74	15.28	582.47	19.45	578.30	13.8	583.95
MW-13D	597.87	545.6 - 565.1	15.72	582.15	15.92	581.95	19.81	578.06	14.53	583.34
MW-14S	597.18	565.1 - 575.1	18.78	578.40	20.15	577.03	24.57	572.61	17.5	579.68
MW-14D	596.38	544.7 - 564.7	18.24	578.14	19.54	576.84	24.1	572.28	17.14	579.24
MW-15S	599.70	566.4 - 576.4	15.52	584.18	15.84	583.86	19.52	580.18	14.9	584.80
MW-15D	598.37	547.0 - 563.0	14.9	583.47	15.32	583.05	19.31	579.06	14.22	584.15
RW-1	593.60	526.5 - 574.5								
	593.67									
	593.87		15.95	577.92	17.29	576.58	22.8	571.07	14.98	578.89
RW-2	591.79	523.8 - 570.8								
	591.80									
	592.43		14.7	577.73	16.14	576.29	20.75	571.68	13.8	578.63
RW-3	595.65		20.75	574.90	24.35	571.30	23.8	571.85	20.9	574.75

NOTES: MSL - Mean Sea Level
DTW - Depth to Water
GWE - Ground Water Elevation
NM - Not Measured
NI - Not Installed

Date Printed: 1/12/2023
File: https://ramboll-my.sharepoint.com/personal/yuri_veliz_ramboll_com/Documents/Desktop/Working Projects/Forest Glen/Annual Report 2022/Tables/Tab 2-GWE-summary.xlsx

Table 2
Ground Water Elevations
2022 Annual Report - Forest Glen Superfund Site
Niagara Falls, New York

Well I.D.	Top of Casing Elevation (ft MSL)	Screened Interval Elevation (ft MSL)	3/16/2020 DTW	3/16/2020 GWE	6/15/2020 DTW	6/15/2020 GWE	9/21/2020 DTW	9/21/2020 GWE	12/4/2020 DTW	12/4/2020 GWE
MW-1S	598.15	568.5 - 578.5	14.5	583.65	17.89	580.26	21.2	576.95	19.48	578.67
MW-1D	598.05	546.7 - 567.5	14.38	583.67	17.95	580.10	22.3	575.75	19.41	578.64
MW-2S	596.95	567.1 - 577.1								
	607.04									
	600.11		22.12	577.99	25.25	574.86	26.7	573.41	26.08	574.03
MW-2D	596.98	535.4 - 559.8								
	607.02									
	600.21		19.05	581.16	22.5	577.71	26.02	574.19	23.52	576.69
MW-3S	597.43	567.3 - 577.3								
MW-3D	597.10	545.1 - 564.1								
MW-4S	595.34	573.6 - 583.6								
	596.23									
	593.96		14.6	579.36	17.94	576.02	20.1	573.86	20.2	573.76
MW-4D	595.44	534.1 - 563.4								
	596.22									
	594.11		16.75	577.36	20.34	573.77	24.62	569.49	22.05	572.06
MW-5S	594.25	566.2 - 576.2								
	596.52									
	592.85		16.1	576.75	19.54	573.31	23.06	569.79	21.4	571.45
MW-5D	594.34	542.7 - 565.4								
	596.68									
	593.68		16.78	576.90	20.35	573.33	24.64	569.04	22.16	571.52
MW-6S	597.11	568.2 - 578.2	21.15	575.96	21.8	575.31	24.8	572.31	23.1	574.01
MW-6D	596.73	540.3 - 567.8	20.6	576.13	24	572.73	27.98	568.75	25.52	571.21
MW-6DD	596.02		25.18		27.36	568.66	29.62	566.40	28.45	567.57
MW-7S	596.28	566.3 - 576.3	13.92	582.36	19.55	576.73	25.08	571.20	19.12	577.16
MW-7D	596.28	543.2 - 563.2	18.6	577.68	22.38	573.90	26.59	569.69	23.94	572.34
MW-7DD			52.03							
MW-8S	596.67	564.4 - 574.4	15.01	581.66	18.78	577.89	20.56	576.11	18.12	578.55
MW-8D	596.86	542.8 - 561.9	19.38	577.48	22.91	573.95	26.89	569.97	24.39	572.47
MW-8DD			24.93							
MW-9S	595.22	568.2 - 578.2								
	605.28									
	600.98		21.44	579.54	23.32	577.66	26.48	574.50	25.56	575.42
MW-9D	595.31	538.5 - 567.5								
	605.35									
	600.77		21.65	579.12	25.14	575.63	29.42	571.35	26.82	573.95
MW-10S	595.52	563.7 - 573.7	17.24	578.28	19.95	575.57	23.09	572.43	21.05	574.47
MW-10D	594.96	543.4 - 563.4	15.58	579.38	19.22	575.74	22.85	572.11	20.34	574.62
MW-11S	600.54	585.3 - 595.3	12.65	587.89	15.81	584.73	20.08	580.46	17.54	583.00
MW-11D	600.20	549.2 - 559.2	9.06	591.14	11.86	588.34	15.58	584.62	13.43	586.77
MW-12S	600.24	582.1 - 592.1	16.11	584.13	19.55	580.69	23.8	576.44	21.43	578.81
MW-12D	600.36	546.7 - 565.7	16.29	584.07	19.72	580.64	24.04	576.32	21.6	578.76
MW-13S	597.75	566.8 - 576.8	14.51	583.24	18.1	579.65	22.76	574.99	20.44	577.31
MW-13D	597.87	545.6 - 565.1	15.26	582.61	18.89	578.98	23.35	574.52	20.78	577.09
MW-14S	597.18	565.1 - 575.1	19.29	577.89	23.12	574.06	27.5	569.68	25.08	572.10
MW-14D	596.38	544.7 - 564.7	18.54	577.84	22.66	573.72	26.98	569.40	24.48	571.90
MW-15S	599.70	566.4 - 576.4	15.05	584.65	18.51	581.19	22.7	577.00	20.33	579.37
MW-15D	598.37	547.0 - 563.0	14.74	583.63	18.04	580.33	22.21	576.16	19.86	578.51
RW-1	593.60	526.5 - 574.5								
	593.67									
	593.87		16.8	577.07	20.7	573.17	25.74	568.13	23.06	570.81
RW-2	591.79	523.8 - 570.8								
	591.80									
	592.43		15.76	576.67	19.25	573.18	23.44	568.99	20.6	571.83
RW-3	595.65		21.7	573.95	23.82	571.83	25.4	570.25	24.2	571.45

NOTES: MSL - Mean Sea Level
DTW - Depth to Water
GWE - Ground Water Elevation
NM - Not Measured
NI - Not Installed

Date Printed: 1/12/2023
File: https://ramboll-my.sharepoint.com/personal/yuri_veliz_ramboll_com/Documents/Desktop/Working Projects/Forest Glen/Annual Report 2022/Tables/Tab 2-GWE-summary.xlsx

Table 2
Ground Water Elevations
2022 Annual Report - Forest Glen Superfund Site
Niagara Falls, New York

Well I.D.	Top of Casing Elevation (ft MSL)	Screened Interval Elevation (ft MSL)	3/22/2021 DTW	3/22/2021 GWE	6/14/2021 DTW	6/14/2021 GWE	9/20/2021 DTW	9/20/2021 GWE	12/20/2021 DTW	12/20/2021 GWE
MW-1S	598.15	568.5 - 578.5	18.77	579.38	18.38	579.77	18.15	580.00	16.24	581.91
MW-1D	598.05	546.7 - 567.5	18.88	579.17	18.29	579.76	18.17	579.88	16.21	581.84
MW-2S	596.95	567.1 - 577.1								
	607.04									
	600.11		25.8	574.31	25.75	574.36	25.55	574.56	23.72	576.39
MW-2D	596.98	535.4 - 559.8								
	607.02									
	600.21		23.25	576.96	22.04	578.17	22.45	577.76	20.65	579.56
MW-3S	597.43	567.3 - 577.3								
MW-3D	597.10	545.1 - 564.1								
MW-4S	595.34	573.6 - 583.6								
	596.23									
	593.96		18.4	575.56	18.72	575.24	18.72	575.24	16.8	577.16
MW-4D	595.44	534.1 - 563.4								
	596.22									
	594.11		21.52	572.59	20.86	573.25	20.6	573.51	18.3	575.81
MW-5S	594.25	566.2 - 576.2								
	596.52									
	592.85		21.02	571.83	20.32	572.53	20.12	572.73	17.95	574.90
MW-5D	594.34	542.7 - 565.4								
	596.68									
	593.68		21.7	571.98	21.02	572.66	20.75	572.93	18.43	575.25
MW-6S	597.11	568.2 - 578.2	22.6	574.51	22.78	574.33	22.68	574.43	21.45	575.66
MW-6D	596.73	540.3 - 567.8	25.16	571.57	24.40	572.33	24.08	572.65	22.08	574.65
MW-6DD	596.02				27.02	569.00	27.2	568.82	26.42	569.60
MW-7S	596.28	566.3 - 576.3	20.25	576.03	18.71	577.57	19.08	577.20	14.38	581.90
MW-7D	596.28	543.2 - 563.2	23.6	572.68	22.61	573.67	22.5	573.78	20.2	576.08
MW-7DD					22.21		21.94		19.72	
MW-8S	596.67	564.4 - 574.4	19.02	577.65	18.12	578.55	18.25	578.42	16.5	580.17
MW-8D	596.86	542.8 - 561.9	24.05	572.81	23.29	573.57	22.92	573.94	21.82	575.04
MW-8DD					26.70		26.8		25.92	
MW-9S	595.22	568.2 - 578.2								
	605.28									
	600.98		24.1	576.88	24.36	576.62	23.72	577.26	22.68	578.30
MW-9D	595.31	538.5 - 567.5								
	605.35									
	600.77		26.22	574.55	25.72	575.05	25.48	575.29	23.22	577.55
MW-10S	595.52	563.7 - 573.7	20.72	574.80	20.65	574.87	19.85	575.67	18.35	577.17
MW-10D	594.96	543.4 - 563.4	20.02	574.94	19.09	575.87	19.25	575.71	17.15	577.81
MW-11S	600.54	585.3 - 595.3	16.65	583.89	16.61	583.93	16.43	584.11	14.18	586.36
MW-11D	600.20	549.2 - 559.2	12.67	587.53	12.71	587.49	12.79	587.41	10.43	589.77
MW-12S	600.24	582.1 - 592.1	20.32	579.92	20.21	580.03	19.2	581.04	17.81	582.43
MW-12D	600.36	546.7 - 565.7	20.68	579.68	20.49	579.87	19.93	580.43	18.1	582.26
MW-13S	597.75	566.8 - 576.8	18.99	578.76	19.00	578.75	18.46	579.29	16.49	581.26
MW-13D	597.87	545.6 - 565.1	19.88	577.99	19.60	578.27	18.67	579.20	17.39	580.48
MW-14S	597.18	565.1 - 575.1	24.55	572.63	23.68	573.50	23.21	573.97	21.19	575.99
MW-14D	596.38	544.7 - 564.7	24.08	572.30	23.28	573.10	23.01	573.37	20.94	575.44
MW-15S	599.70	566.4 - 576.4	19.28	580.42	19.25	580.45	18.45	581.25	16.85	582.85
MW-15D	598.37	547.0 - 563.0	18.77	579.60	18.76	579.61	18.33	580.04	16.37	582.00
RW-1	593.60	526.5 - 574.5								
	593.67									
	593.87		22.54	571.33	21.8	572.07	21.76	572.11	18.68	575.19
RW-2	591.79	523.8 - 570.8								
	591.80									
	592.43		20.22	572.21	19.55	572.88	19.38	573.05	17.14	575.29
RW-3	595.65		27.12	568.53	26.30	569.35	25.8	569.85	22.3	573.35

NOTES: MSL - Mean Sea Level
DTW - Depth to Water
GWE - Ground Water Elevation
NM - Not Measured
NI - Not Installed

Date Printed: 1/12/2023
File: https://ramboll-my.sharepoint.com/personal/yuri_veliz_ramboll_com/Documents/Desktop/Working Projects/Forest Glen/Annual Report 2022/Tables/Tab 2-GWE-summary.xlsx

Table 2
Ground Water Elevations
2022 Annual Report - Forest Glen Superfund Site
Niagara Falls, New York

Well I.D.	Top of Casing Elevation (ft MSL)	Screened Interval Elevation (ft MSL)	3/21/2022 DTW	3/21/2022 GWE	6/21/2022 DTW	6/21/2022 GWE	9/26/2022 DTW	9/26/2022 GWE	12/20/2022 DTW	12/20/2022 GWE
MW-1S	598.15	568.5 - 578.5	15.1	583.05	17.45	580.70	19.01	579.14	15.98	582.17
MW-1D	598.05	546.7 - 567.5	15.11	582.94	17.6	580.45	18.64	579.41	15.74	582.31
MW-2S	596.95	567.1 - 577.1								
	607.04									
	600.11		22.4	577.71	25.16	574.95	25.9	574.21	23.86	576.25
MW-2D	596.98	535.4 - 559.8								
	607.02									
	600.21		19.55	580.66	22.45	577.76	25.55	574.66	20.85	579.36
MW-3S	597.43	567.3 - 577.3								
MW-3D	597.10	545.1 - 564.1								
MW-4S	595.34	573.6 - 583.6								
	596.23									
	593.96		15.5	578.46	17.86	576.10	19.8	574.16	17.14	576.82
MW-4D	595.44	534.1 - 563.4								
	596.22									
	594.11		17.05	577.06	20.16	573.95	21.58	572.53	18.42	575.69
MW-5S	594.25	566.2 - 576.2								
	596.52									
	592.85		16.45	576.40	19.62	573.23	19.35	573.50	18.02	574.83
MW-5D	594.34	542.7 - 565.4								
	596.68									
	593.68		17.16	576.52	20.3	573.38	21.74	571.94	18.62	575.06
MW-6S	597.11	568.2 - 578.2	21.25	575.86	21.9	575.21	23.15	573.96	21.73	575.38
MW-6D	596.73	540.3 - 567.8	20.85	575.88	23.76	572.97	25.06	571.67	22.2	574.53
MW-6DD	596.02		25.22	570.80						
MW-7S	596.28	566.3 - 576.3	11.35	584.93	18.08	578.20	12.15	584.13	13.62	582.66
MW-7D	596.28	543.2 - 563.2	18.9	577.38	22.18	574.10	23.05	573.23	20.15	576.13
MW-7DD			18.68		21.8					
MW-8S	596.67	564.4 - 574.4	14.32	582.35	18.79	577.88	16.38	580.29	15.94	580.73
MW-8D	596.86	542.8 - 561.9	19.88	576.98	22.62	574.24	23.78	573.08	20.9	575.96
MW-8DD										
MW-9S	595.22	568.2 - 578.2								
	605.28									
	600.98		21.96	579.02	23.2	577.78	25.4	575.58	22.8	578.18
MW-9D	595.31	538.5 - 567.5								
	605.35									
	600.77		21.95	578.82	24.9	575.87	26.6	574.17	22.35	578.42
MW-10S	595.52	563.7 - 573.7	17.38	578.14	22.21	573.31	20.64	574.88	18.63	576.89
MW-10D	594.96	543.4 - 563.4	15.92	579.04	18.85	576.11	19.52	575.44	18.96	576.00
MW-11S	600.54	585.3 - 595.3	13.25	587.29	15.74	584.80	13.32	587.22	14.55	585.99
MW-11D	600.20	549.2 - 559.2	9.59	590.61	11.97	588.23	17.34	582.86	10.62	589.58
MW-12S	600.24	582.1 - 592.1	16.71	583.53	19.31	580.93	21.64	578.60	18.01	582.23
MW-12D	600.36	546.7 - 565.7	16.98	583.38	19.82	580.54	21.62	578.74	18.32	582.04
MW-13S	597.75	566.8 - 576.8	15.24	582.51	17.75	580.00	20.31	577.44	16.69	581.06
MW-13D	597.87	545.6 - 565.1	16.14	581.73	18.57	579.30	21.04	576.83	17.45	580.42
MW-14S	597.18	565.1 - 575.1	19.79	577.39	23.04	574.14	24.61	572.57	21.19	575.99
MW-14D	596.38	544.7 - 564.7	19.44	576.94	22.55	573.83	23.92	572.46	20.85	575.53
MW-15S	599.70	566.4 - 576.4	15.7	584.00	18.28	581.42	20.31	579.39	17.02	582.68
MW-15D	598.37	547.0 - 563.0	15.21	583.16	17.82	580.55	19.72	578.65	16.64	581.73
RW-1	593.60	526.5 - 574.5								
	593.67									
	593.87		17.25	576.62	20.98	572.89	22.8	571.07	19.05	574.82
RW-2	591.79	523.8 - 570.8								
	591.80									
	592.43		15.78	576.65	18.9	573.53	22.6	569.83	17.9	574.53
RW-3	595.65		22.64	573.01	25.08	570.57	22.15	573.50	21.65	574.00

NOTES: MSL - Mean Sea Level
DTW - Depth to Water
GWE - Ground Water Elevation
NM - Not Measured
NI - Not Installed

Date Printed: 1/12/2023
File: https://ramboll-my.sharepoint.com/personal/yuri_veliz_ramboll_com/Documents/Desktop/Working Projects/Forest Glen/Annual Report 2022/Tables/Tab 2-GWE-summary.xlsx

Table 3
2020-2022 Groundwater Data - VOCs
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW Stds (ug.l)	Location ID / Depth Interval / Sample Date / Sample ID	MW-01D - 12/15/2020 MW 1D 121520 ug/l	MW-01D - 3/22/2021 MW-1D_032221 ug/l	MW-01D - 6/14/2021 MW-1D_061421 ug/l	MW-01D - 9/21/2021 MW1D 092121 ug/l
1,1,1-Trichloroethane	5		1 U	1U	1 U	1 U
1,1,2,2-Tetrachloroethane	5		1 U	1U	1 U	1 U
1,1,2-Trichloroethane	1		1 U	1U	1 U	1 U
1,1-Dichloroethane	5		1 U	1U	1 U	1 U
1,1-Dichloroethene	5		1 U	1U	1 U	1 U
1,2-Dichloroethane	0.6		1 U	1U	1 U	1 U
1,2-Dichloroethene (Total)	5		---	---	---	---
1,2-Dichloropropane	1		1 U	1U	1 U	1 U
2-Hexanone	50		5 U	5U	5 U	5 U
4-Methyl-2-pentanone	NS		5 U	5U	5 U	5 U
Acetone	50		10 U	3.4 J	10 U	10 U
Benzene	1		1 U	1U	1 U	1 U
Bromodichloromethane	50		1 U	1U	1 U	1 U
Bromoform	50		1 U	1U	1 U	1 U
Bromomethane	5		1 U	1U	1 U	1 U
Carbon disulfide	60		1 U	1U	1 U	1 U
Carbon tetrachloride	5		1 U	1U	1 U	1 U
Chlorobenzene	5		1 U	1U	1 U	1 U
Chloroethane	5		1 U	1U	1 U	1 U
Chloroform	7		1 U	1U	1 U	1 U
cis-1,2-Dichloroethene	5		1 U	1U	1 U	1 U
cis-1,3-Dichloropropene	0.4		1 U	1U	1 U	1 U
Dibromochloromethane	50		1 U	1U	1 U	1 U
Ethylbenzene	5		1 U	1U	1 U	1 U
Methyl chloride	5		1 U	1U	1 U	1 U
Methyl ethyl ketone	50		10 U	1.7 J	10 U	10 U
Methylene chloride	5		1 U	1U	1 U	1 U
Styrene	5		1 U	1U	1 U	1 U
Tetrachloroethene	5		1 U	1U	1 U	1 U
Toluene	5		1 U	0.79 J	1 U	1 U
trans-1,2-Dichloroethene	5		1 U	1U	1 U	1 U
trans-1,3-Dichloropropene	0.4		1 U	1U	1 U	1 U
Trichloroethene	5		1 U	1U	1 U	1 U
Vinyl chloride	2		1 U	1U	1 U	1 U
Xylenes, Total	5		2 U	2U	2 U	2 U

NOTES:

U - not detected, J - estimated, B - compound found in the blank and sample, D - Diluted Result

R - unusable, NS - no standard, X-1 - duplicate sample, *+ - LCS or LCSD exceeds control limits, high biased

^ - instrument QC exceeds control limits, F - MS and/or MSD recovery/RPD exceeds the control limits

[ ] - Exceeds NYS Class GA Ground Water Qaulity Standard, '--- Not Analyzed

Data have not been validated

Table 3
2020-2022 Groundwater Data - VOCs
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW Stds (ug.l)	MW-01D - 12/20/2021 MW1D 122021 ug/l	MW-01D - 3/21/2022 MW1D 032122 ug/l	MW-01D - 6/21/2022 MW-1D 062122 ug/l	MW-01D - 9/27/2022 MW1D 092722 ug/l	MW-01D --- 12/21/2022 MW1D122122 ug/l
1,1,1-Trichloroethane	5	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1,2,2-Tetrachloroethane	5	1.0 U	1.0 U	1.0 U	1.0 U *+	1.0 U
1,1,2-Trichloroethane	1	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1-Dichloroethane	5	1.0 U	1.0 U	1.0 U	1.0 U *+	1.0 U
1,1-Dichloroethene	5	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichloroethane	0.6	1.0 U	1.0 U	1.0 U	1.0 U *+	1.0 U
1,2-Dichloroethene (Total)	5	---	---	---	---	---
1,2-Dichloropropane	1	1.0 U	1.0 U	1.0 U	1.0 U *+	1.0 U
2-Hexanone	50	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U *+
4-Methyl-2-pentanone	NS	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U *+
Acetone	50	10 U	10 U	10 U	10 U	10 U
Benzene	1	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromodichloromethane	50	1.0 U	1.0 U	1.0 U	1.0 U *+	1.0 U
Bromoform	50	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromomethane	5	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Carbon disulfide	60	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Carbon tetrachloride	5	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chlorobenzene	5	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chloroethane	5	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chloroform	7	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
cis-1,2-Dichloroethene	5	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
cis-1,3-Dichloropropene	0.4	1.0 U	1.0 U	1.0 U	1.0 U *+	1.0 U
Dibromochloromethane	50	1.0 U	1.0 U	1.0 U	1.0 U *+	1.0 U
Ethylbenzene	5	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Methyl chloride	5	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Methyl ethyl ketone	50	10 U	10 U	10 U	10 U *+	10 U
Methylene chloride	5	1.0 U	1.0 U	1.0 U	1.0 U *+	1.0 U
Styrene	5	1.0 U	1.0 U	1.0 U	1.0 U *+	1.0 U
Tetrachloroethene	5	1.0 U	1.0 U	1.0 U	1.0 U *+	1.0 U
Toluene	5	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
trans-1,2-Dichloroethene	5	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
trans-1,3-Dichloropropene	0.4	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Trichloroethene	5	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Vinyl chloride	2	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Xylenes, Total	5	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U

NOTES:

U - not detected, J - estimated, B - compound found in the blank and sample, D - Diluted Result

R - unusable, NS - no standard, X-1 - duplicate sample, *+ - LCS or LCSD exceeds control limits, high biased

^ - instrument QC exceeds control limits, F - MS and/or MSD recovery/RPD exceeds the control limits

[ ] - Exceeds NYS Class GA Ground Water Qaulity Standard, '--- Not Analyzed

Data have not been validated

Table 3
2020-2022 Groundwater Data - VOCs
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW Stds (ug.l)	Location ID	MW-01S	MW-01S	MW-01S	MW-01S	MW-01S
		Depth Interval	--	--	--	--	--
		Sample Date	12/15/2020	3/23/2021	3/23/2021	6/14/2021	9/21/2021
		Sample ID	MW1S 121520	MW-1S_032321	X-1_032321	MW-1S_061421	MW1S 092121
			ug/l	ug/l	ug/l	ug/l	ug/l
1,1,1-Trichloroethane	5		1 U	1U	1U	1U	2 U
1,1,2,2-Tetrachloroethan	5		1 U	1U	1U	1U	2 U
1,1,2-Trichloroethane	1		1 U	1U	1U	1U	2 U
1,1-Dichloroethane	5		1 U	1U	1U	1U	2 U
1,1-Dichloroethene	5		1 U	1U	1U	1U	2 U
1,2-Dichloroethane	0.6		1 U	1U	1U	1U	2 U
1,2-Dichloroethene (Tota	5		---	---	---	---	---
1,2-Dichloropropane	1		1 U	1U	1U	1U	2 U
2-Hexanone	50		5 U	5U	5U	5U	10 U
4-Methyl-2-pentanone	NS		5 U	5U	5U	5U	10 U
Acetone	50		10 U	3.0 J	10U	10 U	20 U
Benzene	1		1 U	1U	1U	1U	2 U
Bromodichloromethane	50		1 U	1U	1U	1U	2 U
Bromoform	50		1 U	1U	1U	1U	2 U
Bromomethane	5		1 U	1U	1U	1U	2 U
Carbon disulfide	60		1 U	1U	1U	1U	2 U
Carbon tetrachloride	5		1 U	1U	1U	1U	2 U
Chlorobenzene	5		1 U	1U	1U	1U	2 U
Chloroethane	5		1 U	1U	1U	1U	2 U
Chloroform	7		1 U	1U	1U	1U	2 U
cis-1,2-Dichloroethene	5		1 U	1U	1U	1U	2 U
cis-1,3-Dichloropropene	0.4		1 U	1U	1U	1U	2 U
Dibromochloromethane	50		1 U	1U	1U	1U	2 U
Ethylbenzene	5		1 U	1U	1U	1U	2 U
Methyl chloride	5		1 U	1U	1U	1U	2 U
Methyl ethyl ketone	50		10 U	2.1 J	10U	10 U	20 U
Methylene chloride	5		1 U	1U	1U	1U	2 U
Styrene	5		1 U	1U	1U	1U	2 U
Tetrachloroethene	5		1 U	1U	1U	1U	2 U
Toluene	5		1 U	0.56 J	1U	1 U	2 U
trans-1,2-Dichloroethene	5		1 U	1U	1U	1U	2 U
trans-1,3-Dichloropropen	0.4		1 U	1U	1U	1U	2 U
Trichloroethene	5		1 U	1U	1U	1U	2 U
Vinyl chloride	2		1 U	1U	1U	1U	2 U
Xylenes, Total	5		2 U	2U	2U	2U	4 U

NOTES:

U - not detected, J - estimated, B - compound found in the blank and sample, D - Diluted Result

R - unusable, NS - no standard, X-1 - duplicate sample, *+ - LCS or LCSD exceeds control limits, high biased

^ - instrument QC exceeds control limits, F - MS and/or MSD recovery/RPD exceeds the control limits

[ ] - Exceeds NYS Class GA Ground Water Qaulity Standard, '--- Not Analyzed

Data have not been validated

Table 3
2020-2022 Groundwater Data - VOCs
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW Stds (ug.l)	Location ID / Depth Interval / Sample Date / Sample ID	MW-01S - 12/20/2021 MW1S 122021 ug/l	MW-01S - 3/21/2022 MW1S 032122 ug/l	MW-01S - 6/21/2022 MW-1S 062122 ug/l	MW-01S - 9/27/2022 MW1S 092722 ug/l	MW-01S --- 12/21/2022 MW1S122122 ug/l
1,1,1-Trichloroethane	5		2.0 U	1.0 U	1.0 U	2.0 U	1.0 U
1,1,2,2-Tetrachloroethan	5		2.0 U	1.0 U	1.0 U	2.0 U *+	1.0 U
1,1,2-Trichloroethane	1		2.0 U	1.0 U	1.0 U	2.0 U	1.0 U
1,1-Dichloroethane	5		2.0 U	1.0 U	1.0 U	2.0 U *+	1.0 U
1,1-Dichloroethene	5		2.0 U	1.0 U	1.0 U	2.0 U	1.0 U
1,2-Dichloroethane	0.6		2.0 U	1.0 U	1.0 U	2.0 U *+	1.0 U
1,2-Dichloroethene (Tota	5		---	---	---	---	---
1,2-Dichloropropane	1		2.0 U	1.0 U	1.0 U	2.0 U *+	1.0 U
2-Hexanone	50		10 U	5.0 U	5.0 U	10 U	5.0 U *+
4-Methyl-2-pentanone	NS		10 U	5.0 U	5.0 U	10 U	5.0 U *+
Acetone	50		20 U	10 U	10 U	< 20 U	10 U
Benzene	1		2.0 U	1.0 U	1.0 U	2.0 U	1.0 U
Bromodichloromethane	50		2.0 U	1.0 U	1.0 U	2.0 U *+	1.0 U
Bromoform	50		2.0 U	1.0 U	1.0 U	2.0 U	1.0 U
Bromomethane	5		2.0 U	1.0 U	1.0 U	2.0 U	1.0 U
Carbon disulfide	60		2.0 U	1.0 U	1.0 U	2.0 U	1.0 U
Carbon tetrachloride	5		2.0 U	1.0 U	1.0 U	2.0 U	1.0 U
Chlorobenzene	5		2.0 U	1.0 U	1.0 U	2.0 U	1.0 U
Chloroethane	5		2.0 U	1.0 U	1.0 U	2.0 U	1.0 U
Chloroform	7		2.0 U	1.0 U	1.0 U	2.0 U	1.0 U
cis-1,2-Dichloroethene	5		2.0 U	1.0 U	1.0 U	2.0 U	1.0 U
cis-1,3-Dichloropropene	0.4		2.0 U	1.0 U	1.0 U	2.0 U *+	1.0 U
Dibromochloromethane	50		2.0 U	1.0 U	1.0 U	2.0 U *+	1.0 U
Ethylbenzene	5		2.0 U	1.0 U	1.0 U	2.0 U	1.0 U
Methyl chloride	5		2.0 U	1.0 U	1.0 U	2.0 U	1.0 U
Methyl ethyl ketone	50		20 U	10 U	10 U	< 20 U *+	10 U
Methylene chloride	5		2.0 U	1.0 U	1.0 U	2.0 U *+	1.0 U
Styrene	5		2.0 U	1.0 U	1.0 U	2.0 U *+	1.0 U
Tetrachloroethene	5		2.0 U	1.0 U	1.0 U	2.0 U *+	1.0 U
Toluene	5		2.0 U	1.0 U	1.0 U	2.0 U	1.0 U
trans-1,2-Dichloroethene	5		2.0 U	1.0 U	1.0 U	2.0 U	1.0 U
trans-1,3-Dichloropropen	0.4		2.0 U	1.0 U	1.0 U	2.0 U	1.0 U
Trichloroethene	5		2.0 U	1.0 U	1.0 U	2.0 U	1.0 U
Vinyl chloride	2		2.0 U	1.0 U	1.0 U	2.0 U	1.0 U
Xylenes, Total	5		4.0 U	2.0 U	2.0 U	4.0 U	2.0 U

NOTES:

U - not detected, J - estimated, B - compound found in the blank and sample, D - Diluted Result

R - unusable, NS - no standard, X-1 - duplicate sample, *+ - LCS or LCSD exceeds control limits, high biased

^ - instrument QC exceeds control limits, F - MS and/or MSD recovery/RPD exceeds the control limits

[ ] - Exceeds NYS Class GA Ground Water Qaulity Standard, '--- Not Analyzed

Data have not been validated

Table 3
2020-2022 Groundwater Data - VOCs
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW Stds (ug.l)	Location ID Depth Interval Sample Date Sample ID	MW-04D - 12/15/2020 MW4D121520 ug/l	MW-04D - 3/24/2021 MW4D032421 ug/l	MW-04D - 6/16/2021 MW4D061621 ug/l	MW-04D - 9/21/2021 MW4D 092121 ug/l	MW-04D - 12/22/2021 MW4D 122221 ug/l
1,1,1-Trichloroethane	5		1 U	1U	1 U	1 U	1.0 U
1,1,2,2-Tetrachloroethane	5		1 U	1U	1 U	1 U	1.0 U
1,1,2-Trichloroethane	1		1 U	1U	1 U	1 U	1.0 U
1,1-Dichloroethane	5		1 U	1U	1 U	1 U	1.0 U
1,1-Dichloroethene	5		1 U	1U	1 U	1 U	1.0 U
1,2-Dichloroethane	0.6		1 U	1U	1 U	1 U	1.0 U
1,2-Dichloroethene (Total)	5		---	---	---	---	---
1,2-Dichloropropane	1		1 U	1U	1 U	1 U	1.0 U
2-Hexanone	50		5 U	5U	5 U	5 U	5.0 U
4-Methyl-2-pentanone	NS		5 U	5U	5 U	5 U	5.0 U
Acetone	50		10 U	10U	10 U	10 U	10 U
Benzene	1		1 U	1U	1 U	1 U	1.0 U
Bromodichloromethane	50		1 U	1U	1 U	1 U	1.0 U
Bromoform	50		1 U	1U	1 U	1 U	1.0 U
Bromomethane	5		1 U	1U	1 U	1 U	1.0 U
Carbon disulfide	60		1 U	1U	1 U	1 U	1.0 U
Carbon tetrachloride	5		1 U	1U	1 U	1 U	1.0 U
Chlorobenzene	5		1 U	1U	1 U	1 U	1.0 U
Chloroethane	5		1 U	1U	1 U	1 U	1.0 U
Chloroform	7		1 U	1U	1 U	1 U	1.0 U
cis-1,2-Dichloroethene	5		1 U	1U	1 U	1 U	1.0 U
cis-1,3-Dichloropropene	0.4		1 U	1U	1 U	1 U	1.0 U
Dibromochloromethane	50		1 U	1U	1 U	1 U	1.0 U
Ethylbenzene	5		1 U	1U	1 U	1 U	1.0 U
Methyl chloride	5		1 U	1U	1 U	1 U	1.0 U
Methyl ethyl ketone	50		10 U	10U	10 U	10 U	10 U
Methylene chloride	5		1 U	1U	1 U	1 U	1.0 U
Styrene	5		1 U	1U	1 U	1 U	1.0 U
Tetrachloroethene	5		1 U	1U	1 U	1 U	1.0 U
Toluene	5		1 U	1U	1 U	1 U	1.0 U
trans-1,2-Dichloroethene	5		1 U	1U	1 U	1 U	1.0 U
trans-1,3-Dichloropropene	0.4		1 U	1U	1 U	1 U	1.0 U
Trichloroethene	5		1 U	1U	1 U	1 U	1.0 U
Vinyl chloride	2		1 U	1U	1 U	1 U	1.0 U
Xylenes, Total	5		2 U	2U	2 U	2 U	2.0 U

NOTES:

U - not detected, J - estimated, B - compound found in the blank and sample, D - Diluted Result

R - unusable, NS - no standard, X-1 - duplicate sample, *+ - LCS or LCSD exceeds control limits, high biased

^ - instrument QC exceeds control limits, F - MS and/or MSD recovery/RPD exceeds the control limits

[ ] - Exceeds NYS Class GA Ground Water Qaulity Standard, '--- Not Analyzed

Data have not been validated

Table 3
2020-2022 Groundwater Data - VOCs
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW Stds (ug.l)	Location ID Depth Interval Sample Date Sample ID	MW-04D - 3/22/2022 MW4D 032222 ug/l	MW-04D - 6/22/2022 MW-4D 062222 ug/l	MW-04D - 9/29/2022 MW4D 092922 ug/l	MW-04D --- 12/21/2022 MW4D122122 ug/l
1,1,1-Trichloroethane	5		1.0 U	1.0 U	1.0 U	1.0 U
1,1,2,2-Tetrachloroethane	5		1.0 U	1.0 U	1.0 U *+	1.0 U
1,1,2-Trichloroethane	1		1.0 U	1.0 U	1.0 U	1.0 U
1,1-Dichloroethane	5		1.0 U	1.0 U	1.0 U	1.0 U
1,1-Dichloroethene	5		1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichloroethane	0.6		1.0 U	1.0 U	1.0 U *+	1.0 U
1,2-Dichloroethene (Total)	5		---	---	---	---
1,2-Dichloropropane	1		1.0 U	1.0 U	1.0 U	1.0 U
2-Hexanone	50		5.0 U	5.0 U	5.0 U	5.0 U *+
4-Methyl-2-pentanone	NS		5.0 U	5.0 U	5.0 U	5.0 U *+
Acetone	50		10 U	10 U	10 U	10 U
Benzene	1		1.0 U	1.0 U	1.0 U	1.0 U
Bromodichloromethane	50		1.0 U	1.0 U	1.0 U	1.0 U
Bromoform	50		1.0 U	1.0 U	1.0 U	1.0 U
Bromomethane	5		1.0 U	1.0 U	1.0 U	1.0 U
Carbon disulfide	60		1.0 U	1.0 U	1.0 U	1.0 U
Carbon tetrachloride	5		1.0 U	1.0 U	1.0 U	1.0 U
Chlorobenzene	5		1.0 U	1.0 U	1.0 U	1.0 U
Chloroethane	5		1.0 U	1.0 U	1.0 U	1.0 U
Chloroform	7		1.0 U	1.0 U	1.0 U	1.0 U
cis-1,2-Dichloroethene	5		1.0 U	1.0 U	1.0 U	1.0 U
cis-1,3-Dichloropropene	0.4		1.0 U	1.0 U	1.0 U	1.0 U
Dibromochloromethane	50		1.0 U	1.0 U	1.0 U	1.0 U
Ethylbenzene	5		1.0 U	1.0 U	1.0 U	1.0 U
Methyl chloride	5		1.0 U	1.0 U	1.0 U	1.0 U
Methyl ethyl ketone	50		10 U	10 U	10 U	10 U
Methylene chloride	5		1.0 U	1.0 U	1.0 U *+	1.0 U
Styrene	5		1.0 U	1.0 U	1.0 U *+	1.0 U
Tetrachloroethene	5		1.0 U	1.0 U	1.0 U	1.0 U
Toluene	5		1.0 U	1.0 U	1.0 U	1.0 U
trans-1,2-Dichloroethene	5		1.0 U	1.0 U	1.0 U	1.0 U
trans-1,3-Dichloropropene	0.4		1.0 U	1.0 U	1.0 U	1.0 U
Trichloroethene	5		1.0 U	1.0 U	1.0 U	1.0 U
Vinyl chloride	2		1.0 U	1.0 U	1.0 U	1.0 U
Xylenes, Total	5		2.0 U	2.0 U	2.0 U	2.0 U

NOTES:

U - not detected, J - estimated, B - compound found in the blank and sample, D - Diluted Result

R - unusable, NS - no standard, X-1 - duplicate sample, *+ - LCS or LCSD exceeds control limits, higl

^ - instrument QC exceeds control limits, F - MS and/or MSD recovery/RPD exceeds the control limits

[ ] - Exceeds NYS Class GA Ground Water Qaulity Standard, '--- Not Analyzed

Data have not been validated

Table 3
2020-2022 Groundwater Data - VOCs
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW Stds (ug.l)	Location ID	MW-04S	MW-04S	MW-04S	MW-4S	MW-04S
		Depth Interval	-	-	-	-	-
		Sample Date	9/23/2020	12/15/2020	3/25/2021	6/16/2021	9/23/2021
		Sample ID	MW4S092320	MW4S121520	MW4S032521	MW-4S-061621	MW4S 092321
			µg/L	µg/L	µg/L	µg/L	ug/l
1,1,1-Trichloroethane	5				1U	1 U	1 U
1,1,2,2-Tetrachloroethane	5				1U	1 U	1 U
1,1,2-Trichloroethane	1				1U	1 U	1 U
1,1-Dichloroethane	5				1U	1 U	1 U
1,1-Dichloroethene	5				1U	1 U	1 U
1,2-Dichloroethane	0.6				1U	1 U	1 U
1,2-Dichloroethene (Total)	5				---	---	---
1,2-Dichloropropane	1				1U	1 U	1 U
2-Hexanone	50				5U	5 U	5 U
4-Methyl-2-pentanone	NS				5U	5 U	5 U
Acetone	50				10U	10 U	3.7 J
Benzene	1				1U	1 U	1 U
Bromodichloromethane	50				1U	1 U	1 U
Bromoform	50		NOT SAMPLED	NOT SAMPLED	1U	1 U	1 U
Bromomethane	5				1U	1 U	1 U
Carbon disulfide	60				1U	1 U	1 U
Carbon tetrachloride	5				1U	1 U	1 U
Chlorobenzene	5				1U	1 U	1 U
Chloroethane	5				1U	1 U	1 U
Chloroform	7				1U	1 U	1 U
cis-1,2-Dichloroethene	5				1U	1 U	1 U
cis-1,3-Dichloropropene	0.4				1U	1 U	1 U
Dibromochloromethane	50				1U	1 U	1 U
Ethylbenzene	5				1U	1 U	1 U
Methyl chloride	5				1U	1 U	1 U
Methyl ethyl ketone	50				10U	10 U	10 U
Methylene chloride	5				1U	1 U	1 U
Styrene	5				1U	1 U	1 U
Tetrachloroethene	5				1U	1 U	1 U
Toluene	5				1U	1 U	1 U
trans-1,2-Dichloroethene	5				1U	1 U	1 U
trans-1,3-Dichloropropene	0.4				1U	1 U	1 U
Trichloroethene	5				1U	1 U	1 U
Vinyl chloride	2				1U	1 U	1 U
Xylenes, Total	5				2U	2 U	2 U

NOTES:

U - not detected, J - estimated, B - compound found in the blank and sample, D - Diluted Result

R - unusable, NS - no standard, X-1 - duplicate sample, * - LCS or LCSD exceeds control limits

^ - instrument QC exceeds control limits, F - MS and/or MSD recovery/RPD exceeds the control limits

[ ] - Exceeds NYS Class GA Ground Water Qaulity Standard, H - Holding time exceeded, '--- Not Analyzed

Data have not been validated

Table 3
2020-2022 Groundwater Data - VOCs
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW Stds (ug.l)	Location ID Depth Interval Sample Date Sample ID	MW-04S - 12/22/2021 MW4S 122221 ug/l	MW-04S - 3/22/2022 MW4S 032222 ug/l	MW-04S - 6/23/2022 MW-4S 062322 ug/l	MW-04S - 9/27/2022 MW4S092722 µg/L	MW-04S --- 12/21/2022 MW4S122122 ug/l
1,1,1-Trichloroethane	5		1.0 U	1.0 U	1.0 U		1.0 U
1,1,2,2-Tetrachloroethane	5		1.0 U	1.0 U	1.0 U		1.0 U
1,1,2-Trichloroethane	1		1.0 U	1.0 U	1.0 U		1.0 U
1,1-Dichloroethane	5		1.0 U	1.0 U	1.0 U		1.0 U
1,1-Dichloroethene	5		1.0 U	1.0 U	1.0 U		1.0 U
1,2-Dichloroethane	0.6		1.0 U	1.0 U	1.0 U		1.0 U
1,2-Dichloroethene (Total)	5		---	---	---		---
1,2-Dichloropropane	1		1.0 U	1.0 U	1.0 U		1.0 U
2-Hexanone	50		5.0 U	5.0 U	5.0 U		5.0 U *+
4-Methyl-2-pentanone	NS		5.0 U	5.0 U	5.0 U		5.0 U *+
Acetone	50		10 U	10 U	10 U		10 U
Benzene	1		1.0 U	1.0 U	1.0 U		1.0 U
Bromodichloromethane	50		1.0 U	1.0 U	1.0 U		1.0 U
Bromoform	50		1.0 U	1.0 U	1.0 U	NOT SAMPLED	1.0 U
Bromomethane	5		1.0 U	1.0 U	1.0 U		1.0 U
Carbon disulfide	60		1.0 U	1.0 U	1.0 U		1.0 U
Carbon tetrachloride	5		1.0 U	1.0 U	1.0 U		1.0 U
Chlorobenzene	5		1.0 U	1.0 U	1.0 U		1.0 U
Chloroethane	5		1.0 U	1.0 U	1.0 U		1.0 U
Chloroform	7		1.0 U	1.0 U	1.0 U		1.0 U
cis-1,2-Dichloroethene	5		1.0 U	1.0 U	1.0 U		1.0 U
cis-1,3-Dichloropropene	0.4		1.0 U	1.0 U	1.0 U		1.0 U
Dibromochloromethane	50		1.0 U	1.0 U	1.0 U		1.0 U
Ethylbenzene	5		1.0 U	1.0 U	1.0 U		1.0 U
Methyl chloride	5		1.0 U	1.0 U	1.0 U		1.0 U
Methyl ethyl ketone	50		10 U	10 U	10 U		10 U
Methylene chloride	5		1.0 U	1.0 U	1.0 U		1.0 U
Styrene	5		1.0 U	1.0 U	1.0 U		1.0 U
Tetrachloroethene	5		1.0 U	1.0 U	1.0 U		1.0 U
Toluene	5		1.0 U	1.0 U	1.0 U		1.0 U
trans-1,2-Dichloroethene	5		1.0 U	1.0 U	1.0 U		1.0 U
trans-1,3-Dichloropropene	0.4		1.0 U	1.0 U	1.0 U		1.0 U
Trichloroethene	5		1.0 U	1.0 U	1.0 U		1.0 U
Vinyl chloride	2		1.0 U	1.0 U	1.0 U		1.0 U
Xylenes, Total	5		2.0 U	2.0 U	2.0 U		2.0 U

NOTES:

U - not detected, J - estimated, B - compound found in the blank and sample, D - Diluted Result

R - unusable, NS - no standard, X-1 - duplicate sample, * - LCS or LCSD exceeds control limits

^ - instrument QC exceeds control limits, F - MS and/or MSD recovery/RPD exceeds the control limits

[ ] - Exceeds NYS Class GA Ground Water Qaulity Standard, H - Holding time exceeded, '--- Not Analyzed

Data have not been validated

Table 3
2020-2022 Groundwater Data - VOCs
Forest Glen Superfund Site
Niagara Falls, New York

		Location ID	MW-05D	MW-05D	MW-05D	MW-05D	MW-05D
		Depth Interval	--	--	--	-	-
		Sample Date	12/15/2020	3/24/2021	6/16/2021	9/21/2021	12/22/2021
		Sample ID	MW5D 121520	MW5D032421	MW5D 061621	MW5D 092121	MW5D 122221
Chemical Name	Class GA GW Standards (ug/l)		µg/L	ug/l	µg/L	ug/l	ug/l
1,1,1-Trichloroethane	5		1 U	1U	1 U	1 U	1.0 U
1,1,2,2-Tetrachloroethan	5		1 U	1U	1 U	1 U	1.0 U
1,1,2-Trichloroethane	1		1 U	1U	1 U	1 U	1.0 U
1,1-Dichloroethane	5		1U	0.42 J	1U	1 U	1.0 U
1,1-Dichloroethene	5		1 U	1U	1 U	1 U	1.0 U
1,2-Dichloroethane	0.6		1 U	1U	1 U	1 U	1.0 U
1,2-Dichloroethene (Tota	5		---	---	---	---	---
1,2-Dichloropropane	1		1 U	1U	1 U	1 U	1.0 U
2-Hexanone	50		5 U	5U	5 U	5 U	5.0 U
4-Methyl-2-pentanone	NS		5 U	5U	5 U	5 U	5.0 U
Acetone	50		10 U	10U	10 U	10 U	10 U
Benzene	1		1 U	1U	1 U	1 U	1.0 U
Bromodichloromethane	50		1 U	1U	1 U	1 U	1.0 U
Bromoform	50		1 U	1U	1 U	1 U	1.0 U
Bromomethane	5		1 U	1U	1 U	1 U	1.0 U
Carbon disulfide	60		1 U	1U	1 U	1 U	1.0 U
Carbon tetrachloride	5		1 U	1U	1 U	1 U	1.0 U
Chlorobenzene	5		1 U	1U	1 U	1 U	1.0 U
Chloroethane	5		1 U	1U	1 U	1 U	1.0 U
Chloroform	7		1 U	1U	1 U	1 U	1.0 U
cis-1,2-Dichloroethene	5		1 U	1U	1 U	1 U	1.0 U
cis-1,3-Dichloropropene	0.4		1 U	1U	1 U	1 U	1.0 U
Dibromochloromethane	50		1 U	1U	1 U	1 U	1.0 U
Ethylbenzene	5		1 U	1U	1 U	1 U	1.0 U
Methyl chloride	5		1 U	1U	1 U	1 U	1.0 U
Methyl ethyl ketone	50		10 U	10U	10 U	10 U	10 U
Methylene chloride	5		1 U	1U	1 U	1 U	1.0 U
Styrene	5		1 U	1U	1 U	1 U	1.0 U
Tetrachloroethene	5		1 U	1U	1 U	1 U	1.0 U
Toluene	5		1 U	1U	1 U	1 U	1.0 U
trans-1,2-Dichloroethene	5		1 U	1U	1 U	1 U	1.0 U
trans-1,3-Dichloropropen	0.4		1 U	1U	1 U	1 U	1.0 U
Trichloroethene	5		1 U	1U	1 U	1 U	1.0 U
Vinyl chloride	2		1 U	1U	1 U	1 U	1.0 U
Xylenes, Total	5		2 U	2U	2 U	2 U	2.0 U

NOTES:

U - not detected, J - estimated, B - compound found in the blank and sample, D - Diluted Result

R - unusable, NS - no standard, X-1 - duplicate sample, *+ - LCS or LCSD exceeds control limits, high biased

^ - instrument QC exceeds control limits, F - MS and/or MSD recovery/RPD exceeds the control limits

[ ] - Exceeds NYS Class GA Ground Water Qaulity Standard, '--- Not Analyzed

Data have not been validated

Table 3
2020-2022 Groundwater Data - VOCs
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW Standards (ug/l)	Location ID	MW-05D	MW-05D	MW-05D	MW-05D	MW-05D
		Depth Interval	-	-	-	-	---
		Sample Date	3/22/2022	6/22/2022	6/22/2022	9/27/2022	12/21/2022
		Sample ID	MW5D 032222	MW-5D 062222	X-1 062222	MW5D 092722	MW5D122122
			ug/l	ug/l	ug/l	ug/l	ug/l
1,1,1-Trichloroethane	5		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1,2,2-Tetrachloroethan	5		1.0 U	1.0 U	1.0 U	1.0 U *+	1.0 U
1,1,2-Trichloroethane	1		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1-Dichloroethane	5		0.41 J	0.40 J	1.0 U	0.48 J *+	1.0 U
1,1-Dichloroethene	5		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichloroethane	0.6		1.0 U	1.0 U	1.0 U	1.0 U *+	1.0 U
1,2-Dichloroethene (Tota	5		---	---	---	---	---
1,2-Dichloropropane	1		1.0 U	1.0 U	1.0 U	1.0 U *+	1.0 U
2-Hexanone	50		5.0 U	5.0 U	5.0 U	5.0 U	5.0 U *+
4-Methyl-2-pentanone	NS		5.0 U	5.0 U	5.0 U	5.0 U	5.0 U *+
Acetone	50		10 U	10 U	10 U	10 U	10 U
Benzene	1		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromodichloromethane	50		1.0 U	1.0 U	1.0 U	1.0 U *+	1.0 U
Bromoform	50		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromomethane	5		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Carbon disulfide	60		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Carbon tetrachloride	5		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chlorobenzene	5		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chloroethane	5		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chloroform	7		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
cis-1,2-Dichloroethene	5		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
cis-1,3-Dichloropropene	0.4		1.0 U	1.0 U	1.0 U	1.0 U *+	1.0 U
Dibromochloromethane	50		1.0 U	1.0 U	1.0 U	1.0 U *+	1.0 U
Ethylbenzene	5		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Methyl chloride	5		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Methyl ethyl ketone	50		10 U	10 U	10 U	10 U *+	10 U
Methylene chloride	5		1.0 U	1.0 U	1.0 U	1.0 U *+	1.0 U
Styrene	5		1.0 U	1.0 U	1.0 U	1.0 U *+	1.0 U
Tetrachloroethene	5		1.0 U	1.0 U	1.0 U	1.0 U *+	1.0 U
Toluene	5		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
trans-1,2-Dichloroethene	5		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
trans-1,3-Dichloropropen	0.4		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Trichloroethene	5		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Vinyl chloride	2		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Xylenes, Total	5		2.0 U	2.0 U	2.0 U	2.0 U	2.0 U

NOTES:

U - not detected, J - estimated, B - compound found in the blank and sample, D - Diluted Result

R - unusable, NS - no standard, X-1 - duplicate sample, *+ - LCS or LCSD exceeds control limits, high biased

^ - instrument QC exceeds control limits, F - MS and/or MSD recovery/RPD exceeds the control limits

[ ] - Exceeds NYS Class GA Ground Water Qaulity Standard, '--- Not Analyzed

Data have not been validated

Table 3
2020-2022 Groundwater Data - VOCs
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW Standards (ug/l)	Location ID	MW-05S	MW-05S	MW-05S	MW-05S	MW-05S
		Depth Interval	--		--	-	-
		Sample Date	12/15/2020	3/25/2021	6/16/2021	9/22/2021	12/22/2021
		Sample ID	MW5S 121520	MW5S032521	MW5S 061621	MW5S 092221	MW5S 122221
			µg/L	µg/L	µg/L	µg/L	µg/L
1,1,1-Trichloroethane	5		[7.9]	[6.2]	4.9	[25]	3.9
1,1,2,2-Tetrachloroethar	5		1 U	1U	1 U	1 U	1.0 U
1,1,2-Trichloroethane	1		1 U	1U	1 U	1 U	1.0 U
1,1-Dichloroethane	5		[6.6]	[27]	[30]	[37]	[24]
1,1-Dichloroethene	5		1 U	1.2	2.9	3.3	2.4
1,2-Dichloroethane	0.6		1 U	1U	1 U	1 U	1.0 U
1,2-Dichloroethene (Tota	5		---	---	---	---	---
1,2-Dichloropropane	1		1 U	1U	1 U	1 U	1.0 U
2-Hexanone	50		5 U	5U	5 U	5 U	5.0 U
4-Methyl-2-pentanone	NS		5 U	5U	5 U	5 U	5.0 U
Acetone	50		10 U	4.0 J	10 U	10 U	10 U
Benzene	1		1 U	1U	1 U	1 U	1.0 U
Bromodichloromethane	50		1 U	1U	1 U	1 U	1.0 U
Bromoform	50		1 U	1U	1 U	1 U	1.0 U
Bromomethane	5		1 U	1U	1 U	1 U	1.0 U
Carbon disulfide	60		1 U	1U	1 U	1 U	1.0 U
Carbon tetrachloride	5		1 U	1U	1 U	1 U	1.0 U
Chlorobenzene	5		1 U	1U	1 U	1 U	1.0 U
Chloroethane	5		1 U	1U	1 U	1 U	1.0 U
Chloroform	7		1 U	1U	1 U	1 U	1.0 U
cis-1,2-Dichloroethene	5		[50]	[12]	[26]	[50]	[24]
cis-1,3-Dichloropropene	0.4		1 U	1U	1 U	1 U	1.0 U
Dibromochloromethane	50		1 U	1U	1 U	1 U	1.0 U
Ethylbenzene	5		1 U	1U	1 U	1 U	1.0 U
Methyl chloride	5		1 U	1U	1 U	1 U	1.0 U
Methyl ethyl ketone	50		10 U	10U	10 U	10 U	10 U
Methylene chloride	5		1 U	1U	1 U	1 U	1.0 U
Styrene	5		1 U	1U	1 U	1 U	1.0 U
Tetrachloroethene	5		1 U	1U	1 U	0.80 J	1.0 U
Toluene	5		1 U	0.52 J	1 U	1 U	1.0 U
trans-1,2-Dichloroethene	5		1 U	1U	1.8	1.3	1.7
trans-1,3-Dichloroproper	0.4		1 U	1U	1 U	1 U	1.0 U
Trichloroethene	5		[25]	4.9	[12]	[57]	[12]
Vinyl chloride	2		1 U	1U	1 U	1 U	1.9
Xylenes, Total	5		2 U	2U	2 U	2 U	2.0 U

NOTES:

U - not detected, J - estimated, B - compound found in the blank and sample, D - Diluted Result

R - unusable, NS - no standard, X-1 - duplicate sample, * - LCS or LCSD exceeds control limits

^ - instrument QC exceeds control limits, F - MS and/or MSD recovery/RPD exceeds the control limits

[ ] - Exceeds NYS Class GA Ground Water Qaulity Standard, H - Holding time exceeded, '--- Not Analyzed

Data have not been validated

Table 3
2020-2022 Groundwater Data - VOCs
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW Standards (ug/l)	Location ID	MW-05S	MW-05S	MW-05S	MW-05S
		Depth Interval	-	-	-	---
		Sample Date	3/22/2022	6/22/2022	9/27/2022	12/21/2022
		Sample ID	MW5S 032222	MW-5S 062222	MW5S 092722	MW5S122122
			µg/L	ug/l	ug/l	ug/l
1,1,1-Trichloroethane	5		1.0 U	[6.8]	4.4	2.6
1,1,2,2-Tetrachloroethar	5		1.0 U	1.0 U	1.0 U	1.0 U
1,1,2-Trichloroethane	1		1.0 U	1.0 U	1.0 U	1.0 U
1,1-Dichloroethane	5		2.7	[32]	[40]	[15]
1,1-Dichloroethene	5		1.0 U	3.7	2.3	1.3
1,2-Dichloroethane	0.6		1.0 U	1.0 U	1.0 U	1.0 U F1
1,2-Dichloroethene (Tota	5		---	---	---	---
1,2-Dichloropropane	1		1.0 U	1.0 U	1.0 U	1.0 U
2-Hexanone	50		5.0 U	5.0 U	5.0 U	5.0 U *+ F1
4-Methyl-2-pentanone	NS		5.0 U	5.0 U	5.0 U	5.0 U *+ F1
Acetone	50		10 U	10 U	10 U	10 U F2
Benzene	1		1.0 U	1.0 U	1.0 U	1.0 U
Bromodichloromethane	50		1.0 U	1.0 U	1.0 U	1.0 U F1
Bromoform	50		1.0 U	1.0 U	1.0 U	1.0 U F1
Bromomethane	5		1.0 U	1.0 U	1.0 U	1.0 U
Carbon disulfide	60		1.0 U	1.0 U	1.0 U	1.0 U
Carbon tetrachloride	5		1.0 U	1.0 U	1.0 U	1.0 U
Chlorobenzene	5		1.0 U	1.0 U	1.0 U	1.0 U
Chloroethane	5		1.0 U	1.0 U	1.0 U	1.0 U
Chloroform	7		1.0 U	1.0 U	1.0 U	1.0 U
cis-1,2-Dichloroethene	5		3.2	[110]	[33]	[16]
cis-1,3-Dichloropropene	0.4		1.0 U	1.0 U	1.0 U	1.0 U
Dibromochloromethane	50		1.0 U	1.0 U	1.0 U	1.0 U
Ethylbenzene	5		1.0 U	1.0 U	1.0 U	1.0 U
Methyl chloride	5		1.0 U	1.0 U	1.0 U	1.0 U F1
Methyl ethyl ketone	50		10 U	10 U	10 U	10 U F1
Methylene chloride	5		1.0 U	1.0 U	1.0 U	1.0 U
Styrene	5		1.0 U	1.0 U	1.0 U	1.0 U
Tetrachloroethene	5		1.0 U	0.55 J	1.0 U	1.0 U
Toluene	5		1.0 U	1.0 U	1.0 U	1.0 U
trans-1,2-Dichloroethene	5		1.0 U	4.2	1.0 U	1.0 U
trans-1,3-Dichloroproper	0.4		1.0 U	1.0 U	1.0 U	1.0 U
Trichloroethene	5		1.0	[30]	[7.0]	[8.2]
Vinyl chloride	2		1.0 U	[4.9]	[7.7]	1.0 U
Xylenes, Total	5		2.0 U	2.0 U	2.0 U	2.0 U

NOTES:

U - not detected, J - estimated, B - compound found in the blank and sample, D - Diluted Result

R - unusable, NS - no standard, X-1 - duplicate sample, * - LCS or LCSD exceeds control limits

^ - instrument QC exceeds control limits, F - MS and/or MSD recovery/RPD exceeds the control limits

[ ] - Exceeds NYS Class GA Ground Water Qaulity Standard, H - Holding time exceeded, '--- Not Anal

Data have not been validated

Table 3
2020-2022 Groundwater Data - VOCs
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW Standards (ug/l)	Location ID	MW-06DD	MW-06DD	MW-06DD	MW-06DD	MW-06DD
		Depth Interval	--		--	-	-
		Sample Date	12/15/2020	3/23/2021	6/15/2021	9/21/2021	12/21/2021
		Sample ID	MW6DD 121520	MW-6DD_032321	MW6DD 061521	MW6DD 092121	MW6DD 122121
			µg/L	ug/l	µg/L	ug/l	ug/l
1,1,1-Trichloroethane	5		1 U	1U	1 U	1 U	1.0 U
1,1,2,2-Tetrachloroethane	5		1 U	1U	1 U	1 U	1.0 U
1,1,2-Trichloroethane	1		1 U	1U	1 U	1 U	1.0 U
1,1-Dichloroethane	5		1 U	1U	1 U	0.39 J	1.0 U
1,1-Dichloroethene	5		1 U	1U	1 U	1 U	1.0 U
1,2-Dichloroethane	0.6		1 U	1U	1 U	1 U	1.0 U
1,2-Dichloroethene (Total)	5		---	---	---	---	---
1,2-Dichloropropane	1		1 U	1U	1 U	1 U	1.0 U
2-Hexanone	50		5 U	5U	5 U	5 U	5.0 U
4-Methyl-2-pentanone	NS		5 U	5U	5 U	5 U	5.0 U
Acetone	50		10 U	10U	10 U	10 U	10 U
Benzene	1		1 U	1U	1 U	1 U	1.0 U
Bromodichloromethane	50		1 U	1U	1 U	1 U	1.0 U
Bromoform	50		1 U	1U	1 U	1 U	1.0 U
Bromomethane	5		1 U	1U	1 U	1 U	1.0 U
Carbon disulfide	60		1 U	1U	1 U	1 U	1.0 U
Carbon tetrachloride	5		1 U	1U	1 U	1 U	1.0 U
Chlorobenzene	5		1 U	1U	1 U	1 U	1.0 U
Chloroethane	5		1 U	1U	1 U	1 U	1.0 U
Chloroform	7		1 U	1U	1 U	1 U	1.0 U
cis-1,2-Dichloroethene	5		[18]	[15]	[20]	[19]	[16]
cis-1,3-Dichloropropene	0.4		1 U	1U	1 U	1 U	1.0 U
Dibromochloromethane	50		1 U	1U	1 U	1 U	1.0 U
Ethylbenzene	5		1 U	1U	1 U	1 U	1.0 U
Methyl chloride	5		1 U	1U	1 U	1 U	1.0 U
Methyl ethyl ketone	50		10 U	10U	10 U	10 U	10 U
Methylene chloride	5		1 U	1U	1 U	1 U	1.0 U
Styrene	5		1 U	1U	1 U	1 U	1.0 U
Tetrachloroethene	5		1 U	1U	1 U	1 U	1.0 U
Toluene	5		1 U	1U	1 U	1 U	1.0 U
trans-1,2-Dichloroethene	5		1 U	1U	1 U	1 U	1.0 U
trans-1,3-Dichloropropene	0.4		1 U	1U	1 U	1 U	1.0 U
Trichloroethene	5		1 U	1U	1 U	1 U	1.0 U
Vinyl chloride	2		[1.6]	0.91 J	[5.9]	[5.7]	1.7
Xylenes, Total	5		2U	2U	2U	2 U	2.0 U

NOTES:

U - not detected, J - estimated, B - compound found in the blank and sample, D - Diluted Result

R - unusable, NS - no standard, X-1 - duplicate sample, *+ - LCS or LCSD exceeds control limits, high biased

^ - instrument QC exceeds control limits, F - MS and/or MSD recovery/RPD exceeds the control limits

[ ] - Exceeds NYS Class GA Ground Water Qaulity Standard, '--- Not Analyzed

Data have not been validated, '--- Not Analyzed

Table 3
2020-2022 Groundwater Data - VOCs
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW Standards (ug/l)		Location ID Depth Interval Sample Date Sample ID ug/l	MW-06DD - 3/22/2022 MW6DD 032222 ug/l	MW-06DD - 6/22/2022 MW-6DD 062222 ug/l	MW-06DD - 9/27/2022 MW6DD 092722 ug/l	MW-06DD --- 12/21/2022 MW6DD122122 ug/l
1,1,1-Trichloroethane	5			1.0 U	1.0 U	1.0 U	1.0 U
1,1,2,2-Tetrachloroethane	5			1.0 U	1.0 U	1.0 U *+	1.0 U
1,1,2-Trichloroethane	1			1.0 U	1.0 U	1.0 U	1.0 U
1,1-Dichloroethane	5			1.0 U	1.0 U	1.0 U *+	1.0 U
1,1-Dichloroethene	5			1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichloroethane	0.6			1.0 U	1.0 U	1.0 U *+	1.0 U
1,2-Dichloroethene (Total)	5			---	---	---	---
1,2-Dichloropropane	1			1.0 U	1.0 U	1.0 U *+	1.0 U
2-Hexanone	50			5.0 U	5.0 U	5.0 U	5.0 U *+
4-Methyl-2-pentanone	NS			5.0 U	5.0 U	5.0 U	5.0 U *+
Acetone	50			10 U	10 U	10 U	10 U
Benzene	1			1.0 U	1.0 U	1.0 U	1.0 U
Bromodichloromethane	50			1.0 U	1.0 U	1.0 U *+	1.0 U
Bromoform	50			1.0 U	1.0 U	1.0 U	1.0 U
Bromomethane	5			1.0 U	1.0 U	1.0 U	1.0 U
Carbon disulfide	60			1.0 U	1.0 U	1.0 U	1.0 U
Carbon tetrachloride	5			1.0 U	1.0 U	1.0 U	1.0 U
Chlorobenzene	5			1.0 U	1.0 U	1.0 U	1.0 U
Chloroethane	5			1.0 U	1.0 U	1.0 U	1.0 U
Chloroform	7			1.0 U	1.0 U	1.0 U	1.0 U
cis-1,2-Dichloroethene	5			[11]	[22]	[32]	[15]
cis-1,3-Dichloropropene	0.4			1.0 U	1.0 U	1.0 U *+	1.0 U
Dibromochloromethane	50			1.0 U	1.0 U	1.0 U *+	1.0 U
Ethylbenzene	5			1.0 U	1.0 U	1.0 U	1.0 U
Methyl chloride	5			1.0 U	1.0 U	1.0 U	1.0 U
Methyl ethyl ketone	50			10 U	10 U	10 U *+	10 U
Methylene chloride	5			1.0 U	1.0 U	1.0 U *+	1.0 U
Styrene	5			1.0 U	1.0 U	1.0 U *+	1.0 U
Tetrachloroethene	5			1.0 U	1.0 U	1.0 U *+	1.0 U
Toluene	5			1.0 U	1.0 U	1.0 U	1.0 U
trans-1,2-Dichloroethene	5			1.0 U	1.0 U	1.0 U	1.0 U
trans-1,3-Dichloropropene	0.4			1.0 U	1.0 U	1.0 U	1.0 U
Trichloroethene	5			1.0 U	1.0 U	1.0 U	1.0 U
Vinyl chloride	2			1.0 U	[6.3]	[10]	[5.1]
Xylenes, Total	5			2.0 U	2.0 U	2.0 U	2.0 U

NOTES:

U - not detected, J - estimated, B - compound found in the blank and sample, D - Diluted Result

R - unusable, NS - no standard, X-1 - duplicate sample, *+ - LCS or LCSD exceeds control limits, high b

^ - instrument QC exceeds control limits, F - MS and/or MSD recovery/RPD exceeds the control limits

[ ] - Exceeds NYS Class GA Ground Water Qaulity Standard, '--- Not Analyzed

Data have not been validated, '--- Not Analyzed

Table 3
2020-2022 Groundwater Data - VOCs
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW Standards (ug/l)	Location ID	MW-06D	MW-06D	MW-06D	MW-06D
		Depth Interval	--		--	-
		Sample Date	12/15/2020	3/23/2021	6/15/2021	9/21/2021
		Sample ID	MW6D 121520	MW-6D_032321	MW6D 061521	MW6D 092121
			µg/L	ug/l	µg/L	ug/l
1,1,1-Trichloroethane	5		1 U	1U	1 U	1 U
1,1,2,2-Tetrachloroethane	5		1 U	1U	1 U	1 U
1,1,2-Trichloroethane	1		1 U	1U	1 U	1 U
1,1-Dichloroethane	5		0.41 J	1U	1 U	1 U
1,1-Dichloroethene	5		1 U	1U	1 U	1 U
1,2-Dichloroethane	0.6		1 U	1U	1 U	1 U
1,2-Dichloroethene (Total)	5		---	---	---	---
1,2-Dichloropropane	1		1 U	1U	1 U	1 U
2-Hexanone	50		5 U	5U	5 U	5 U
4-Methyl-2-pentanone	NS		5 U	5U	5 U	5 U
Acetone	50		10 U	4.8 J	10 U	10 U
Benzene	1		1 U	1U	1 U	1 U
Bromodichloromethane	50		1 U	1U	1 U	1 U
Bromoform	50		1 U	1U	1 U	1 U
Bromomethane	5		1 U	1U	1 U	1 U
Carbon disulfide	60		1 U	1U	1 U	1 U
Carbon tetrachloride	5		1 U	1U	1 U	1 U
Chlorobenzene	5		1 U	1U	1 U	1 U
Chloroethane	5		1 U	1U	1 U	1 U
Chloroform	7		1 U	1U	1 U	1 U
cis-1,2-Dichloroethene	5		1 U	1U	1 U	1 U
cis-1,3-Dichloropropene	0.4		1 U	1U	1 U	1 U
Dibromochloromethane	50		1 U	1U	1 U	1 U
Ethylbenzene	5		1 U	1U	1 U	1 U
Methyl chloride	5		1 U	1U	1 U	1 U
Methyl ethyl ketone	50		10 U	2.7 J	10 U	10 U
Methylene chloride	5		1 U	1U	1 U	1 U
Styrene	5		1 U	1U	1 U	1 U
Tetrachloroethene	5		1 U	1U	1 U	1 U
Toluene	5		1 U	1.0	1 U	1 U
trans-1,2-Dichloroethene	5		1 U	1U	1 U	1 U
trans-1,3-Dichloropropene	0.4		1 U	1U	1 U	1 U
Trichloroethene	5		1 U	1U	1 U	1 U
Vinyl chloride	2		1 U	1U	1 U	1 U
Xylenes, Total	5		2 U	2U	2 U	2 U

NOTES:

U - not detected, J - estimated, B - compound found in the blank and sample, D - Diluted Result

R - unusable, NS - no standard, X-1 - duplicate sample, *+ - LCS or LCSD exceeds control limits, high bi

^ - instrument QC exceeds control limits, F - MS and/or MSD recovery/RPD exceeds the control limits

[ ] - Exceeds NYS Class GA Ground Water Qaulity Standard, '--- Not Analyzed

Data have not been validated

Table 3
2020-2022 Groundwater Data - VOCs
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW Standards (ug/l)	Location ID / Depth Interval / Sample Date / Sample ID	MW-06D - 12/21/2021 MW6D 122121 ug/l	MW-06D - 3/22/2022 MW6D 032222 ug/l	MW-06D - 6/22/2022 MW-6D 062222 ug/l	MW-06D - 9/27/2022 MW6D 092722 ug/l	MW-06D --- 12/21/2022 MW6D122122 ug/l
1,1,1-Trichloroethane	5		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1,2,2-Tetrachloroethane	5		1.0 U	1.0 U	1.0 U	1.0 U *+	1.0 U
1,1,2-Trichloroethane	1		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1-Dichloroethane	5		1.0 U	0.39 J	0.50 J	0.47 J *+	0.51 J
1,1-Dichloroethene	5		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichloroethane	0.6		1.0 U	1.0 U	1.0 U	1.0 U *+	1.0 U
1,2-Dichloroethene (Total)	5		---	---	---	---	---
1,2-Dichloropropane	1		1.0 U	1.0 U	1.0 U	1.0 U *+	1.0 U
2-Hexanone	50		5.0 U	5.0 U	5.0 U	5.0 U	5.0 U *+
4-Methyl-2-pentanone	NS		5.0 U	5.0 U	5.0 U	5.0 U	5.0 U *+
Acetone	50		10 U	10 U	10 U	10 U	10 U
Benzene	1		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromodichloromethane	50		1.0 U	1.0 U	1.0 U	1.0 U *+	1.0 U
Bromoform	50		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromomethane	5		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Carbon disulfide	60		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Carbon tetrachloride	5		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chlorobenzene	5		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chloroethane	5		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chloroform	7		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
cis-1,2-Dichloroethene	5		1.0 U	1.0 U	1.0 U	1.4	1.2
cis-1,3-Dichloropropene	0.4		1.0 U	1.0 U	1.0 U	1.0 U *+	1.0 U
Dibromochloromethane	50		1.0 U	1.0 U	1.0 U	1.0 U *+	1.0 U
Ethylbenzene	5		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Methyl chloride	5		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Methyl ethyl ketone	50		10 U	10 U	10 U	10 U *+	10 U
Methylene chloride	5		1.0 U	1.0 U	1.0 U	1.0 U *+	1.0 U
Styrene	5		1.0 U	1.0 U	1.0 U	1.0 U *+	1.0 U
Tetrachloroethene	5		1.0 U	1.0 U	1.0 U	1.0 U *+	1.0 U
Toluene	5		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
trans-1,2-Dichloroethene	5		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
trans-1,3-Dichloropropene	0.4		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Trichloroethene	5		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Vinyl chloride	2		1.0 U	1.0 U	1.1	1.2	[2.6]
Xylenes, Total	5		2.0 U	2.0 U	2.0 U	2.0 U	2.0 U

NOTES:

U - not detected, J - estimated, B - compound found in the blank and sample, D - Diluted Result

R - unusable, NS - no standard, X-1 - duplicate sample, *+ - LCS or LCSD exceeds control limits, high biased

^ - instrument QC exceeds control limits, F - MS and/or MSD recovery/RPD exceeds the control limits

[ ] - Exceeds NYS Class GA Ground Water Qaulity Standard, '--- Not Analyzed

Data have not been validated

Table 3
2020-2022 Groundwater Data - VOCs
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW Standards (ug/l)	Location ID	MW-06S	MW-06S	MW-06S	MW-06S
		Depth Interval	--		--	-
		Sample Date	12/15/2020	3/24/2021	6/15/2021	9/21/2021
		Sample ID	MW6S 121520	MW6S032421	MW6S 061521	MW6S 092121
			µg/L	ug/l	µg/L	ug/l
1,1,1-Trichloroethane	5		1 U	1U	1 U	1 U
1,1,2,2-Tetrachloroethane	5		1 U	1U	1 U	1 U
1,1,2-Trichloroethane	1		1 U	1U	1 U	1 U
1,1-Dichloroethane	5		1 U	1U	1 U	1 U
1,1-Dichloroethene	5		1 U	1U	1 U	1 U
1,2-Dichloroethane	0.6		1 U	1U	1 U	1 U
1,2-Dichloroethene (Total)	5		---	---	---	---
1,2-Dichloropropane	1		1 U	1U	1 U	1 U
2-Hexanone	50		5 U	5U	5 U	5 U
4-Methyl-2-pentanone	NS		5 U	5U	5 U	5 U
Acetone	50		10 U	10U	10 U	10 U
Benzene	1		1 U	1U	1 U	1 U
Bromodichloromethane	50		1 U	1U	1 U	1 U
Bromoform	50		1 U	1U	1 U	1 U
Bromomethane	5		1 U	1U	1 U	1 U
Carbon disulfide	60		1 U	1U	1 U	1 U
Carbon tetrachloride	5		1 U	1U	1 U	1 U
Chlorobenzene	5		1 U	1U	1 U	1 U
Chloroethane	5		1 U	1U	1 U	1 U
Chloroform	7		1 U	1U	1 U	1 U
cis-1,2-Dichloroethene	5		[5.8]	[14]	2.8	[11]
cis-1,3-Dichloropropene	0.4		1 U	1U	1 U	1 U
Dibromochloromethane	50		1 U	1U	1 U	1 U
Ethylbenzene	5		1 U	1U	1 U	1 U
Methyl chloride	5		1 U	1U	1 U	1 U
Methyl ethyl ketone	50		10 U	10U	10 U	10 U
Methylene chloride	5		1 U	1U	1 U	1 U
Styrene	5		1 U	1U	1 U	1 U
Tetrachloroethene	5		1 U	1U	1 U	1 U
Toluene	5		1 U	1U	1 U	1 U
trans-1,2-Dichloroethene	5		1 U	1U	1 U	1 U
trans-1,3-Dichloropropene	0.4		1 U	1U	1 U	1 U
Trichloroethene	5		1 U	1U	1 U	1 U
Vinyl chloride	2		1U	[16]	1.4	[26]
Xylenes, Total	5		2U	2U	2U	2 U

NOTES:

U - not detected, J - estimated, B - compound found in the blank and sample, D - Diluted Result

R - unusable, NS - no standard, X-1 - duplicate sample, *+ - LCS or LCSD exceeds control limits, high bia

^ - instrument QC exceeds control limits, F - MS and/or MSD recovery/RPD exceeds the control limits

[ ] - Exceeds NYS Class GA Ground Water Qaulity Standard, '--- Not Analyzed

Data have not been validated

Table 3
2020-2022 Groundwater Data - VOCs
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW Standards (ug/l)	Location ID	MW-06S	MW-06S	MW-06S	MW-06S
		Depth Interval	-	-	-	---
		Sample Date	3/22/2022	6/22/2022	9/27/2022	12/21/2022
		Sample ID	MW6S 032222	MW-6S 062222	MW6S 092722	MW6S122122
			ug/l	ug/l	ug/l	ug/l
1,1,1-Trichloroethane	5		1.0 U	1.0 U	1.0 U	1.0 U
1,1,2,2-Tetrachloroethane	5		1.0 U	1.0 U	1.0 U *+	1.0 U
1,1,2-Trichloroethane	1		1.0 U	1.0 U	1.0 U	1.0 U
1,1-Dichloroethane	5		1.0 U	1.0 U	1.0 U *+	1.0 U
1,1-Dichloroethene	5		1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichloroethane	0.6		1.0 U	1.0 U	1.0 U *+	1.0 U
1,2-Dichloroethene (Total)	5		---	---	---	---
1,2-Dichloropropane	1		1.0 U	1.0 U	1.0 U *+	1.0 U
2-Hexanone	50		5.0 U	5.0 U	5.0 U	5.0 U *+
4-Methyl-2-pentanone	NS		5.0 U	5.0 U	5.0 U	5.0 U *+
Acetone	50		10 U	10 U	10 U	10 U
Benzene	1		1.0 U	1.0 U	1.0 U	1.0 U
Bromodichloromethane	50		1.0 U	1.0 U	1.0 U *+	1.0 U
Bromoform	50		1.0 U	1.0 U	1.0 U	1.0 U
Bromomethane	5		1.0 U	1.0 U	1.0 U	1.0 U
Carbon disulfide	60		1.0 U	1.0 U	1.0 U	1.0 U
Carbon tetrachloride	5		1.0 U	1.0 U	1.0 U	1.0 U
Chlorobenzene	5		1.0 U	1.0 U	1.0 U	1.0 U
Chloroethane	5		1.0 U	1.0 U	1.0 U	1.0 U
Chloroform	7		1.0 U	1.0 U	1.0 U	1.0 U
cis-1,2-Dichloroethene	5		[33]	[8.2]	[14]	[6.3]
cis-1,3-Dichloropropene	0.4		1.0 U	1.0 U	1.0 U *+	1.0 U
Dibromochloromethane	50		1.0 U	1.0 U	1.0 U *+	1.0 U
Ethylbenzene	5		1.0 U	1.0 U	1.0 U	1.0 U
Methyl chloride	5		1.0 U	1.0 U	1.0 U	1.0 U
Methyl ethyl ketone	50		10 U	10 U	10 U *+	10 U
Methylene chloride	5		1.0 U	1.0 U	1.0 U *+	1.0 U
Styrene	5		1.0 U	1.0 U	1.0 U *+	1.0 U
Tetrachloroethene	5		1.0 U	1.0 U	1.0 U *+	1.0 U
Toluene	5		1.0 U	1.0 U	1.0 U	1.0 U
trans-1,2-Dichloroethene	5		1.0 U	1.0 U	1.0 U	1.0 U
trans-1,3-Dichloropropene	0.4		1.0 U	1.0 U	1.0 U	1.0 U
Trichloroethene	5		1.0 U	1.0 U	1.0 U	1.0 U
Vinyl chloride	2		[56]	1.0 U	[32]	[11]
Xylenes, Total	5		2.0 U	2.0 U	2.0 U	2.0 U

NOTES:

U - not detected, J - estimated, B - compound found in the blank and sample, D - Diluted Result

R - unusable, NS - no standard, X-1 - duplicate sample, *+ - LCS or LCSD exceeds control limits, high bi

^ - instrument QC exceeds control limits, F - MS and/or MSD recovery/RPD exceeds the control limits

[ ] - Exceeds NYS Class GA Ground Water Qaulity Standard, '--- Not Analyzed

Data have not been validated

Table 3
2020-2022 Groundwater Data - VOCs
Forest Glen Superfund Site
Niagara Falls, New York

		Location ID	MW-07DD	MW-07DD	MW-07DD	MW-07DD
		Depth Interval	--		--	-
		Sample Date	12/15/2020	3/24/2021	6/15/2021	9/23/2021
		Sample ID	MW7DD 121520	MW7DD(2)032421	MW7DD 061521	MW7DD 092321
Chemical Name	Class GA GW Standards (ug/l)		µg/L	µg/L	µg/L	µg/L
1,1,1-Trichloroethane	5		1 U	1U	1 U	1 U
1,1,2,2-Tetrachloroethan	5		1 U	1U	1 U	1 U
1,1,2-Trichloroethane	1		1 U	1U	1 U	1 U
1,1-Dichloroethane	5		1 U	1U	1 U	1 U
1,1-Dichloroethene	5		1 U	1U	1 U	1 U
1,2-Dichloroethane	0.6		1 U	1U	1 U	1 U
1,2-Dichloroethene (Tota	5		---	---	---	---
1,2-Dichloropropane	1		1 U	1U	1 U	1 U
2-Hexanone	50		5 U	5U	5 U	5 U
4-Methyl-2-pentanone	NS		5 U	5U	5 U	5 U
Acetone	50		10 U	10U	10 U	7.6 J
Benzene	1		1 U	1U	1 U	1 U
Bromodichloromethane	50		1 U	1U	1 U	1 U
Bromoform	50		1 U	1U	1 U	1 U
Bromomethane	5		1 U	1U	1 U	1 U
Carbon disulfide	60		1 U	1U	1 U	1 U
Carbon tetrachloride	5		1 U	1U	1 U	1 U
Chlorobenzene	5		1 U	1U	1 U	1 U
Chloroethane	5		1 U	1U	1 U	1 U
Chloroform	7		1 U	1U	1 U	1 U
cis-1,2-Dichloroethene	5		1 U	1U	1 U	1 U
cis-1,3-Dichloropropene	0.4		1 U	1U	1 U	1 U
Dibromochloromethane	50		1 U	1U	1 U	1 U
Ethylbenzene	5		1 U	1U	1 U	1 U
Methyl chloride	5		1 U	1U	1 U	1 U
Methyl ethyl ketone	50		10 U	10U	10 U	10 U
Methylene chloride	5		1 U	1U	1 U	1 U
Styrene	5		1 U	1U	1 U	1 U
Tetrachloroethene	5		1 U	1U	1 U	1 U
Toluene	5		1 U	1U	1 U	1.9
trans-1,2-Dichloroethene	5		1 U	1U	1 U	1 U
trans-1,3-Dichloroproper	0.4		1 U	1U	1 U	1 U
Trichloroethene	5		1U	1U	1U	1 U
Vinyl chloride	2		1 U	1U	1 U	1 U
Xylenes, Total	5		2 U	2U	2 U	2 U

NOTES:

U - not detected, J - estimated, B - compound found in the blank and sample, D - Diluted Result

R - unusable, NS - no standard, X-1 - duplicate sample, *+ - LCS or LCSD exceeds control limits, high

^ - instrument QC exceeds control limits, F - MS and/or MSD recovery/RPD exceeds the control limits

[ ] - Exceeds NYS Class GA Ground Water Qaulity Standard, '--- Not Analyzed

Data have not been validated

Table 3
2020-2022 Groundwater Data - VOCs
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW Standards (ug/l)	Location ID	MW-07DD	MW-07DD	MW-07DD	MW-07DD	MW-07DD
		Depth Interval	-	-	-	-	---
		Sample Date	12//21/2021	3/23/2022	6/23/2022	9/28/2022	12/22/2022
		Sample ID	MW7DD 122121	MW7DD 032322	MW-7DD-2 062322	MW7DD 092822	MW7DD122222
			µg/L	µg/L	ug/l	ug/l	ug/l
1,1,1-Trichloroethane	5		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1,2,2-Tetrachloroethan	5		1.0 U	1.0 U	1.0 U	1.0 U *+	1.0 U
1,1,2-Trichloroethane	1		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1-Dichloroethane	5		1.0 U	1.0 U	1.0 U	1.0 U *+	1.0 U
1,1-Dichloroethene	5		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichloroethane	0.6		1.0 U	1.0 U	1.0 U	1.0 U *+	1.0 U
1,2-Dichloroethene (Tota	5		---	---	---	---	---
1,2-Dichloropropane	1		1.0 U	1.0 U	1.0 U	1.0 U *+	1.0 U
2-Hexanone	50		5.0 U	5.0 U	5.0 U	5.0 U	5.0 U *+
4-Methyl-2-pentanone	NS		5.0 U	5.0 U	5.0 U	5.0 U	5.0 U *+
Acetone	50		10 U	10 U	10 U	10 U	10 U
Benzene	1		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromodichloromethane	50		1.0 U	1.0 U	1.0 U	1.0 U *+	1.0 U
Bromoform	50		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromomethane	5		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Carbon disulfide	60		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Carbon tetrachloride	5		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chlorobenzene	5		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chloroethane	5		1.0 U	1.0 U *1	1.0 U	1.0 U	1.0 U
Chloroform	7		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
cis-1,2-Dichloroethene	5		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
cis-1,3-Dichloropropene	0.4		1.0 U	1.0 U	1.0 U	1.0 U *+	1.0 U
Dibromochloromethane	50		1.0 U	1.0 U	1.0 U	1.0 U *+	1.0 U
Ethylbenzene	5		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Methyl chloride	5		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Methyl ethyl ketone	50		10 U	10 U	10 U	10 U *+	10 U
Methylene chloride	5		1.0 U	1.0 U	1.0 U	1.0 U *+	1.0 U
Styrene	5		1.0 U	1.0 U	1.0 U	1.0 U *+	1.0 U
Tetrachloroethene	5		1.0 U	1.0 U	1.0 U	1.0 U *+	1.0 U
Toluene	5		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
trans-1,2-Dichloroethene	5		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
trans-1,3-Dichloroproper	0.4		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Trichloroethene	5		0.55 J	1.0 U	1.0 U	1.0 U	1.0 U
Vinyl chloride	2		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Xylenes, Total	5		2.0 U	2.0 U	2.0 U	2.0 U	2.0 U

NOTES:

U - not detected, J - estimated, B - compound found in the blank and sample, D - Diluted Result

R - unusable, NS - no standard, X-1 - duplicate sample, *+ - LCS or LCSD exceeds control limits, high biased

^ - instrument QC exceeds control limits, F - MS and/or MSD recovery/RPD exceeds the control limits

[ ] - Exceeds NYS Class GA Ground Water Qaulity Standard, '--- Not Analyzed

Data have not been validated

Table 3
2020-2022 Groundwater Data - VOCs
Forest Glen Superfund Site
Niagara Falls, New York

		Location ID	MW-07D	MW-07D	MW-07D	MW-07D
		Depth Interval	--		--	-
		Sample Date	12/15/2020	3/25/2021	6/15/2021	9/22/2021
		Sample ID	MW7D 121520	MW7D032521	MW7D 061521	MW7D 092221
Chemical Name	Class GA GW Standards (ug/l)		µg/L	µg/L	µg/L	ug/l
1,1,1-Trichloroethane	5		1 U	1U	1 U	1 U
1,1,2,2-Tetrachloroethan	5		1 U	1U	1 U	1 U
1,1,2-Trichloroethane	1		1 U	1U	1 U	1 U
1,1-Dichloroethane	5		1 U	1U	1 U	1 U
1,1-Dichloroethene	5		1 U	1U	1 U	1 U
1,2-Dichloroethane	0.6		1 U	1U	1 U	1 U
1,2-Dichloroethene (Tota	5		---	---	---	---
1,2-Dichloropropane	1		1 U	1U	1 U	1 U
2-Hexanone	50		5 U	5U	5 U	5 U
4-Methyl-2-pentanone	NS		5 U	5U	5 U	5 U
Acetone	50		10 U	10U	10 U	10 U
Benzene	1		1 U	1U	1 U	1 U
Bromodichloromethane	50		1 U	1U	1 U	1 U
Bromoform	50		1 U	1U	1 U	1 U
Bromomethane	5		1 U	1U	1 U	1 U
Carbon disulfide	60		1 U	1U	1 U	1 U
Carbon tetrachloride	5		1 U	1U	1 U	1 U
Chlorobenzene	5		1 U	1U	1 U	1 U
Chloroethane	5		1 U	1U	1 U	1 U
Chloroform	7		1 U	1U	1 U	1 U
cis-1,2-Dichloroethene	5		1 U	1U	1 U	1 U
cis-1,3-Dichloropropene	0.4		1 U	1U	1 U	1 U
Dibromochloromethane	50		1 U	1U	1 U	1 U
Ethylbenzene	5		1 U	1U	1 U	1 U
Methyl chloride	5		1 U	1U	1 U	1 U
Methyl ethyl ketone	50		10 U	10U	10 U	10 U
Methylene chloride	5		1 U	1U	1 U	1 U
Styrene	5		1 U	1U	1 U	1 U
Tetrachloroethene	5		0.49 J	1U	0.45 J	0.57 J
Toluene	5		1 U	1U	1 U	1 U
trans-1,2-Dichloroethene	5		1 U	1U	1 U	1 U
trans-1,3-Dichloroproper	0.4		1 U	1U	1 U	1 U
Trichloroethene	5		1.4	0.53 J	1.1	1.4
Vinyl chloride	2		1 U	1U	1 U	1 U
Xylenes, Total	5		2 U	2U	2 U	2 U

NOTES:

U - not detected, J - estimated, B - compound found in the blank and sample, D - Diluted Result

R - unusable, NS - no standard, X-1 - duplicate sample, *+ - LCS or LCSD exceeds control limits, high

^ - instrument QC exceeds control limits, F - MS and/or MSD recovery/RPD exceeds the control limits

[ ] - Exceeds NYS Class GA Ground Water Qaulity Standard, '--- Not Analyzed

Data have not been validated

Table 3
2020-2022 Groundwater Data - VOCs
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW Standards (ug/l)	Location ID	MW-07D	MW-07D	MW-07D	MW-07D	MW-07D
		Depth Interval	-	-	-	-	---
		Sample Date	12/21/2021	3/23/2022	6/23/2022	9/28/2022	12/22/2022
		Sample ID	MW7D 122121	MW7D 032322	MW-7D 062322	MW7D 092822	MW7D122222
			ug/l	ug/l	ug/l	ug/l	ug/l
1,1,1-Trichloroethane	5		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1,2,2-Tetrachloroethan	5		1.0 U	1.0 U	1.0 U	1.0 U *+	1.0 U
1,1,2-Trichloroethane	1		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1-Dichloroethane	5		1.0 U	1.0 U	1.0 U	1.0 U *+	1.0 U
1,1-Dichloroethene	5		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichloroethane	0.6		1.0 U	1.0 U	1.0 U	1.0 U *+	1.0 U
1,2-Dichloroethene (Tota	5		---	---	---	---	---
1,2-Dichloropropane	1		1.0 U	1.0 U	1.0 U	1.0 U *+	1.0 U
2-Hexanone	50		5.0 U	5.0 U	5.0 U	5.0 U	5.0 U *+
4-Methyl-2-pentanone	NS		5.0 U	5.0 U	5.0 U	5.0 U	5.0 U *+
Acetone	50		10 U	10 U	10 U	10 U	10 U
Benzene	1		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromodichloromethane	50		1.0 U	1.0 U	1.0 U	1.0 U *+	1.0 U
Bromoform	50		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromomethane	5		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Carbon disulfide	60		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Carbon tetrachloride	5		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chlorobenzene	5		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chloroethane	5		1.0 U	1.0 U *1	1.0 U	1.0 U	1.0 U
Chloroform	7		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
cis-1,2-Dichloroethene	5		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
cis-1,3-Dichloropropene	0.4		1.0 U	1.0 U	1.0 U	1.0 U *+	1.0 U
Dibromochloromethane	50		1.0 U	1.0 U	1.0 U	1.0 U *+	1.0 U
Ethylbenzene	5		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Methyl chloride	5		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Methyl ethyl ketone	50		10 U	10 U	10 U	10 U *+	10 U
Methylene chloride	5		1.0 U	1.0 U	1.0 U	1.0 U *+	1.0 U
Styrene	5		1.0 U	1.0 U	1.0 U	1.0 U *+	1.0 U
Tetrachloroethene	5		0.41 J	1.0 U	1.0 U	0.37 J *+	1.0 U
Toluene	5		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
trans-1,2-Dichloroethene	5		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
trans-1,3-Dichloroproper	0.4		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Trichloroethene	5		1.1	0.97 J	0.98 J	0.97 J	0.87 J
Vinyl chloride	2		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Xylenes, Total	5		2.0 U	2.0 U	2.0 U	2.0 U	2.0 U

NOTES:

U - not detected, J - estimated, B - compound found in the blank and sample, D - Diluted Result

R - unusable, NS - no standard, X-1 - duplicate sample, *+ - LCS or LCSD exceeds control limits, high biased

^ - instrument QC exceeds control limits, F - MS and/or MSD recovery/RPD exceeds the control limits

[ ] - Exceeds NYS Class GA Ground Water Qaulity Standard, '--- Not Analyzed

Data have not been validated

Table 3
2020-2022 Groundwater Data - VOCs
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW Standards (ug/l)	Location ID	MW-07S	MW-07S	MW-07S	MW-07S
		Depth Interval	--		--	-
		Sample Date	12/15/2020	3/25/2021	6/15/2021	9/22/2021
		Sample ID	MW7S 121520	MW7S032521	MW7S 061521	MW7S 092221
			µg/L	ug/l	µg/L	ug/l
1,1,1-Trichloroethane	5		1 U	1U	1 U	1 U
1,1,2,2-Tetrachloroethan	5		1 U	1U	1 U	1 U
1,1,2-Trichloroethane	1		1 U	1U	1 U	1 U
1,1-Dichloroethane	5		1 U	1U	1 U	1 U
1,1-Dichloroethene	5		1 U	1U	1 U	1 U
1,2-Dichloroethane	0.6		1 U	1U	1 U	1 U
1,2-Dichloroethene (Tota	5		---	---	---	---
1,2-Dichloropropane	1		1 U	1U	1 U	1 U
2-Hexanone	50		5 U	5U	5 U	5 U
4-Methyl-2-pentanone	NS		5 U	5U	5 U	5 U
Acetone	50		10 U	10U	10 U	10 U
Benzene	1		1 U	1U	1 U	1 U
Bromodichloromethane	50		1 U	1U	1 U	1 U
Bromoform	50		1 U	1U	1 U	1 U
Bromomethane	5		1 U	1U	1 U	1 U
Carbon disulfide	60		1 U	1U	1 U	1 U
Carbon tetrachloride	5		1 U	1U	1 U	1 U
Chlorobenzene	5		1 U	1U	1 U	1 U
Chloroethane	5		1 U	1U	1 U	1 U
Chloroform	7		1 U	1U	1 U	1 U
cis-1,2-Dichloroethene	5		1 U	1U	1 U	1 U
cis-1,3-Dichloropropene	0.4		1 U	1U	1 U	1 U
Dibromochloromethane	50		1 U	1U	1 U	1 U
Ethylbenzene	5		1 U	1U	1 U	1 U
Methyl chloride	5		1 U	1U	1 U	1 U
Methyl ethyl ketone	50		10 U	10U	10 U	10 U
Methylene chloride	5		1 U	1U	1 U	1 U
Styrene	5		1 U	1U	1 U	1 U
Tetrachloroethene	5		0.46 J	1U	1 U	0.36 J
Toluene	5		1 U	1U	1 U	1 U
trans-1,2-Dichloroethene	5		1 U	1U	1 U	1 U
trans-1,3-Dichloroproper	0.4		1 U	1U	1 U	1 U
Trichloroethene	5		1.3	0.93 J	1.0	0.86 J
Vinyl chloride	2		1U	1U	1U	1 U
Xylenes, Total	5		2U	2U	2U	2 U

NOTES:

U - not detected, J - estimated, B - compound found in the blank and sample, D - Diluted Result

R - unusable, NS - no standard, X-1 - duplicate sample, *+ - LCS or LCSD exceeds control limits, high

^ - instrument QC exceeds control limits, F - MS and/or MSD recovery/RPD exceeds the control limits

[ ] - Exceeds NYS Class GA Ground Water Qaulity Standard, '--- Not Analyzed

Data have not been validated

Table 3
2020-2022 Groundwater Data - VOCs
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW Standards (ug/l)	Location ID	MW-07S	MW-07S	MW-07S	MW-07S	MW-07S
		Depth Interval	-	-	-	-	-
		Sample Date	12/21/2021	3/23/2022	6/23/2022	9/28/2022	12/22/2022
		Sample ID	MW7S 122121	MW7S 032322	MW-7S 062322	MW7S 092822	MW7S122222
			ug/l	ug/l	ug/l	ug/l	ug/l
1,1,1-Trichloroethane	5		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1,2,2-Tetrachloroethan	5		1.0 U	1.0 U	1.0 U	1.0 U *+	1.0 U
1,1,2-Trichloroethane	1		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1-Dichloroethane	5		1.0 U	1.0 U	1.0 U	1.0 U *+	1.0 U
1,1-Dichloroethene	5		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichloroethane	0.6		1.0 U	1.0 U	1.0 U	1.0 U *+	1.0 U
1,2-Dichloroethene (Tota	5		---	---	---	---	---
1,2-Dichloropropane	1		1.0 U	1.0 U	1.0 U	1.0 U *+	1.0 U
2-Hexanone	50		5.0 U	5.0 U	5.0 U	5.0 U	5.0 U *+
4-Methyl-2-pentanone	NS		5.0 U	5.0 U	5.0 U	5.0 U	5.0 U *+
Acetone	50		10 U	10 U	10 U	10 U	10 U
Benzene	1		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromodichloromethane	50		1.0 U	1.0 U	1.0 U	1.0 U *+	1.0 U
Bromoform	50		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromomethane	5		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Carbon disulfide	60		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Carbon tetrachloride	5		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chlorobenzene	5		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chloroethane	5		1.0 U	1.0 U *1	1.0 U	1.0 U	1.0 U
Chloroform	7		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
cis-1,2-Dichloroethene	5		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
cis-1,3-Dichloropropene	0.4		1.0 U	1.0 U	1.0 U	1.0 U *+	1.0 U
Dibromochloromethane	50		1.0 U	1.0 U	1.0 U	1.0 U *+	1.0 U
Ethylbenzene	5		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Methyl chloride	5		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Methyl ethyl ketone	50		10 U	10 U	10 U	10 U *+	10 U
Methylene chloride	5		1.0 U	1.0 U	1.0 U	1.0 U *+	1.0 U
Styrene	5		1.0 U	1.0 U	1.0 U	1.0 U *+	1.0 U
Tetrachloroethene	5		0.44 J	1.0 U	1.0 U	0.60 J *+	1.0 U
Toluene	5		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
trans-1,2-Dichloroethene	5		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
trans-1,3-Dichloroproper	0.4		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Trichloroethene	5		1.3	0.93 J	0.75 J	1.4	1.0
Vinyl chloride	2		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Xylenes, Total	5		2.0 U	2.0 U	2.0 U	2.0 U	2.0 U

NOTES:

U - not detected, J - estimated, B - compound found in the blank and sample, D - Diluted Result

R - unusable, NS - no standard, X-1 - duplicate sample, *+ - LCS or LCSD exceeds control limits, high biased

^ - instrument QC exceeds control limits, F - MS and/or MSD recovery/RPD exceeds the control limits

[ ] - Exceeds NYS Class GA Ground Water Qaulity Standard, '--- Not Analyzed

Data have not been validated

Table 3
2020-2022 Groundwater Data - VOCs
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW Stds (ug/l)	Location ID	MW-08DD	MW-08DD	MW-08DD	MW-08DD
		Depth Interval	--		--	-
		Sample Date	12/15/2020	3/25/2021	6/15/2021	9/22/2021
		Sample ID	MW8DD 121520	MW8DD032521	MW8DD 061521	MW8DD 092221
			µg/L	ug/l	µg/L	ug/l
1,1,1-Trichloroethane	5		1 U	1U	1 U	1 U
1,1,2,2-Tetrachloroethane	5		1 U	1U	1 U	1 U
1,1,2-Trichloroethane	1		1 U	1U	1 U	1 U
1,1-Dichloroethane	5		1 U	1U	1 U	1 U
1,1-Dichloroethene	5		1 U	1U	1 U	1 U
1,2-Dichloroethane	0.6		1 U	1U	1 U	1 U
1,2-Dichloroethene (Total)	5		---	---	---	---
1,2-Dichloropropane	1		1 U	1U	1 U	1 U
2-Hexanone	50		5 U	5U	5 U	5 U
4-Methyl-2-pentanone	NS		5 U	5U	5 U	5 U
Acetone	50		10 U	10U	10 U	10 U
Benzene	1		1 U	1U	1 U	1 U
Bromodichloromethane	50		1 U	1U	1 U	1 U
Bromoform	50		1 U	1U	1 U	1 U
Bromomethane	5		1 U	1U	1 U	1 U
Carbon disulfide	60		1 U	1U	1 U	1 U
Carbon tetrachloride	5		1 U	1U	1 U	1 U
Chlorobenzene	5		1 U	1U	1 U	1 U
Chloroethane	5		1 U	1U	1 U	1 U
Chloroform	7		1 U	1U	1 U	1 U
cis-1,2-Dichloroethene	5		1 U	1U	1 U	1 U
cis-1,3-Dichloropropene	0.4		1 U	1U	1 U	1 U
Dibromochloromethane	50		1 U	1U	1 U	1 U
Ethylbenzene	5		1 U	1U	1 U	1 U
Methyl chloride	5		1 U	1U	1 U	1 U
Methyl ethyl ketone	50		10 U	10U	10 U	10 U
Methylene chloride	5		1 U	1U	1 U	1 U
Styrene	5		1 U	1U	1 U	1 U
Tetrachloroethene	5		1 U	1U	1 U	1 U
Toluene	5		1 U	1U	1 U	1 U
trans-1,2-Dichloroethene	5		1 U	1U	1 U	1 U
trans-1,3-Dichloropropene	0.4		1 U	1U	1 U	1 U
Trichloroethene	5		1 U	1U	1 U	1 U
Vinyl chloride	2		1 U	1U	1 U	1 U
Xylenes, Total	5		2 U	2U	2 U	2 U

NOTES:

U - not detected, J - estimated, B - compound found in the blank and sample, D - Diluted Result

R - unusable, NS - no standard, X-1 - duplicate sample, *+ - LCS or LCSD exceeds control limits, high biase

^ - instrument QC exceeds control limits, F1/F2 - MS and/or MSD recovery/RPD exceeds the control limits

[ ] - Exceeds NYS Class GA Ground Water Qaulity Standard, '--- Not Analyzed

Data have not been validated

Table 3
2020-2022 Groundwater Data - VOCs
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW Stds (ug/l)	Location ID / Depth Interval / Sample Date / Sample ID	MW-08DD - 12/21/2021 MW8DD 122121 ug/l	MW-08DD - 3/23/2022 MW8DD 032322 ug/l	MW-08DD - 6/23/2022 MW-8DD 062322 ug/l	MW-08DD - 9/28/2022 MW8DD 092822 ug/l	MW-08DD - 12/22/2022 MW8DD122222 ug/l
1,1,1-Trichloroethane	5		1.0 U	1.0 U	1.0 U	1.0 U F1	1.0 U
1,1,2,2-Tetrachloroethane	5		1.0 U	1.0 U	1.0 U	1.0 U *+ F1	1.0 U
1,1,2-Trichloroethane	1		1.0 U	1.0 U	1.0 U	1.0 U F1	1.0 U
1,1-Dichloroethane	5		1.0 U	1.0 U	1.0 U	1.0 U *+ F1	1.0 U
1,1-Dichloroethene	5		1.0 U	1.0 U	1.0 U	1.0 U F1	1.0 U
1,2-Dichloroethane	0.6		1.0 U	1.0 U	1.0 U	1.0 U *+ F1	1.0 U
1,2-Dichloroethene (Total)	5		---	---	---	---	---
1,2-Dichloropropane	1		1.0 U	1.0 U	1.0 U	1.0 U *+ F1	1.0 U
2-Hexanone	50		5.0 U	5.0 U	5.0 U	5.0 U F1	5.0 U *+
4-Methyl-2-pentanone	NS		5.0 U	5.0 U	5.0 U	5.0 U F1	5.0 U *+
Acetone	50		10 U	10 U	10 U	10 U F1	10 U
Benzene	1		1.0 U	1.0 U	1.0 U	1.0 U F1	1.0 U
Bromodichloromethane	50		1.0 U	1.0 U	1.0 U	1.0 U *+ F1	1.0 U
Bromoform	50		1.0 U	1.0 U	1.0 U	1.0 U F1	1.0 U
Bromomethane	5		1.0 U	1.0 U	1.0 U	1.0 U F1 F2	1.0 U
Carbon disulfide	60		1.0 U	1.0 U	1.0 U	1.0 U F1	1.0 U
Carbon tetrachloride	5		1.0 U	1.0 U	1.0 U	1.0 U F1	1.0 U
Chlorobenzene	5		1.0 U	1.0 U	1.0 U	1.0 U F1	1.0 U
Chloroethane	5		1.0 U	1.0 U *1	1.0 U	1.0 U F1	1.0 U
Chloroform	7		1.0 U	1.0 U	1.0 U	1.0 U F1	1.0 U
cis-1,2-Dichloroethene	5		1.0 U	1.0 U	1.0 U	1.0 U F1	1.0 U
cis-1,3-Dichloropropene	0.4		1.0 U	1.0 U	1.0 U	1.0 U *+ F1	1.0 U
Dibromochloromethane	50		1.0 U	1.0 U	1.0 U	1.0 U *+ F1	1.0 U
Ethylbenzene	5		1.0 U	1.0 U	1.0 U	1.0 U F1	1.0 U
Methyl chloride	5		1.0 U	1.0 U	1.0 U	1.0 U F1	1.0 U
Methyl ethyl ketone	50		10 U	10 U	10 U	10 U *+ F1	10 U
Methylene chloride	5		1.0 U	1.0 U	1.0 U	1.0 U *+ F1	1.0 U
Styrene	5		1.0 U	1.0 U	1.0 U	1.0 U *+ F1	1.0 U
Tetrachloroethene	5		1.0 U	1.0 U	1.0 U	1.0 U *+ F1	1.0 U
Toluene	5		1.0 U	1.0 U	1.0 U	1.0 U F1	1.0 U
trans-1,2-Dichloroethene	5		1.0 U	1.0 U	1.0 U	1.0 U F1	1.0 U
trans-1,3-Dichloropropene	0.4		1.0 U	1.0 U	1.0 U	1.0 U F1	1.0 U
Trichloroethene	5		1.0 U	1.0 U	1.0 U	1.0 U F1	1.0 U
Vinyl chloride	2		1.0 U	1.0 U	1.0 U	0.90 J F1	1.0 U
Xylenes, Total	5		2.0 U	2.0 U	2.0 U	2.0 U F1	2.0 U

NOTES:

U - not detected, J - estimated, B - compound found in the blank and sample, D - Diluted Result

R - unusable, NS - no standard, X-1 - duplicate sample, *+ - LCS or LCSD exceeds control limits, high biased

^ - instrument QC exceeds control limits, F1/F2 - MS and/or MSD recovery/RPD exceeds the control limits

[ ] - Exceeds NYS Class GA Ground Water Qaulity Standard, '--- Not Analyzed

Data have not been validated

Table 3
2020-2022 Groundwater Data - VOCs
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW Stds (ug/l)	Location ID	MW-08D
		Depth Interval	--
		Sample Date	12/15/2020
		Sample ID	MW8D 121520
			µg/L
1,1,1-Trichloroethane	5		1 U
1,1,2,2-Tetrachloroethane	5		1 U
1,1,2-Trichloroethane	1		1 U
1,1-Dichloroethane	5		0.78 J
1,1-Dichloroethene	5		1 U
1,2-Dichloroethane	0.6		1 U
1,2-Dichloroethene (Total)	5		---
1,2-Dichloropropane	1		1 U
2-Hexanone	50		5 U
4-Methyl-2-pentanone	NS		5 U
Acetone	50		10 U
Benzene	1		1 U
Bromodichloromethane	50		1 U
Bromoform	50		1 U
Bromomethane	5		1 U
Carbon disulfide	60		1 U
Carbon tetrachloride	5		1 U
Chlorobenzene	5		1 U
Chloroethane	5		1 U
Chloroform	7		1 U
cis-1,2-Dichloroethene	5		1 U
cis-1,3-Dichloropropene	0.4		1 U
Dibromochloromethane	50		1 U
Ethylbenzene	5		1 U
Methyl chloride	5		1 U
Methyl ethyl ketone	50		10 U
Methylene chloride	5		1 U
Styrene	5		1 U
Tetrachloroethene	5		1 U
Toluene	5		1 U
trans-1,2-Dichloroethene	5		1 U
trans-1,3-Dichloropropene	0.4		1 U
Trichloroethene	5		1 U
Vinyl chloride	2		1 U
Xylenes, Total	5		2 U

MW-08D	MW-08D	MW-08D	MW-08D	MW-08D
--	--	--	--	-
3/25/2021	6/15/2021	6/15/2021	6/15/2021	9/22/2021
MW8D032521	MW8D 061521	X-1 061521	MW8D 092221	
µg/L	µg/L	µg/L	ug/l	
1U	1 U	1U	1 U	
1U	1 U	1U	1 U	
1U	1 U	1U	1 U	
0.60 J	0.53 J	0.55 J	0.48 J	
1U	1 U	1U	1 U	
1U	1 U	1U	1 U	
---	---	---	---	
1U	1 U	1U	1 U	
5U	5 U	5U	5 U	
5U	5 U	5U	5 U	
10U	10 U	10U	10 U	
1U	1 U	1U	1 U	
1U	1 U	1U	1 U	
1U	1 U	1U	1 U	
1U	1 U	1U	1 U	
1U	1 U	1U	1 U	
1U	1 U	1U	1 U	
1U	1 U	1U	1 U	
1U	1 U	1U	1 U	
1U	1 U	1U	1 U	
1U	1 U	1U	1 U	
10U	10 U	10U	10 U	
1U	1 U	1U	1 U	
1U	1 U	1U	1 U	
1U	1 U	1U	1 U	
1U	1 U	1U	1 U	
1U	1 U	1U	1 U	
1U	1 U	1U	1 U	
1U	1 U	1U	1 U	
1U	1 U	1U	1 U	
1U	1 U	1U	1 U	
2U	2 U	2U	2 U	

NOTES:

U - not detected, J - estimated, B - compound found in the blank and sample, D - Diluted Result

R - unusable, NS - no standard, X-1 - duplicate sample, *+ - LCS or LCSD exceeds control limits, high biased

^ - instrument QC exceeds control limits, F - MS and/or MSD recovery/RPD exceeds the control limits

[ ] - Exceeds NYS Class GA Ground Water Qaulity Standard, '--- Not Analyzed

Data have not been validated

Table 3
2020-2022 Groundwater Data - VOCs
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW Stds (ug/l)	Location ID Depth Interval Sample Date Sample ID	MW-08D - 12/21/2021 MW8D 122121 ug/l	MW-08D - 3/23/2022 MW8D 032322 ug/l	MW-08D - 3/23/2022 X-1 032322 ug/l	MW-08D - 6/23/2022 MW-8D 062322 ug/l	MW-08D - 9/28/2022 MW8D 092822 ug/l	MW-08D - 12/22/2022 MW8D122222 ug/l
1,1,1-Trichloroethane	5		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1,2,2-Tetrachloroethane	5		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U *+	1.0 U
1,1,2-Trichloroethane	1		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1-Dichloroethane	5		1.0 U	1.0 U	1.0 U	1.0 U	0.71 J *+	0.43 J
1,1-Dichloroethene	5		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichloroethane	0.6		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U *+	1.0 U
1,2-Dichloroethene (Total)	5		---	---	---	---	---	---
1,2-Dichloropropane	1		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U *+	1.0 U
2-Hexanone	50		5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U *+
4-Methyl-2-pentanone	NS		5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U *+
Acetone	50		10 U	10 U	10 U	10 U	10 U	10 U
Benzene	1		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromodichloromethane	50		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U *+	1.0 U
Bromoform	50		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromomethane	5		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Carbon disulfide	60		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Carbon tetrachloride	5		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chlorobenzene	5		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chloroethane	5		1.0 U	1.0 U *1	1.0 U *1	1.0 U	1.0 U	1.0 U
Chloroform	7		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
cis-1,2-Dichloroethene	5		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
cis-1,3-Dichloropropene	0.4		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U *+	1.0 U
Dibromochloromethane	50		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U *+	1.0 U
Ethylbenzene	5		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Methyl chloride	5		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Methyl ethyl ketone	50		10 U	10 U	10 U	10 U	10 U *+	10 U
Methylene chloride	5		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U *+	1.0 U
Styrene	5		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U *+	1.0 U
Tetrachloroethene	5		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U *+	1.0 U
Toluene	5		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
trans-1,2-Dichloroethene	5		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
trans-1,3-Dichloropropene	0.4		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Trichloroethene	5		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Vinyl chloride	2		1.0 U	1.0 U	1.0 U	1.4	1.0 U	1.0 U
Xylenes, Total	5		2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U

NOTES:

U - not detected, J - estimated, B - compound found in the blank and sample, D - Diluted Result

R - unusable, NS - no standard, X-1 - duplicate sample, *+ - LCS or LCSD exceeds control limits, high biased

^ - instrument QC exceeds control limits, F - MS and/or MSD recovery/RPD exceeds the control limits

[ ] - Exceeds NYS Class GA Ground Water Qaulity Standard, '--- Not Analyzed

Data have not been validated

Table 3
2020-2022 Groundwater Data - VOCs
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW Stds (ug/l)	Location ID	MW-08S	MW-08S	MW-08S	MW-08S	MW-08S
		Depth Interval	--	--	--	-	-
		Sample Date	12/15/2020	3/25/2021	6/15/2021	9/22/2021	12/21/2021
		Sample ID	MW8S 121520	MW8S032521	MW8S 061521	MW8S 092221	MW8S 122121
			µg/L	ug/l	µg/L	ug/l	ug/l
1,1,1-Trichloroethane	5		1 U	1U	1 U	1 U	1.0 U
1,1,2,2-Tetrachloroethane	5		1 U	1U	1 U	1 U	1.0 U
1,1,2-Trichloroethane	1		1 U	1U	1 U	1 U	1.0 U
1,1-Dichloroethane	5		1 U	1U	1 U	1 U	1.0 U
1,1-Dichloroethene	5		1 U	1U	1 U	1 U	1.0 U
1,2-Dichloroethane	0.6		1 U	1U	1 U	1 U	1.0 U
1,2-Dichloroethene (Total)	5		---	---	---	---	---
1,2-Dichloropropane	1		1 U	1U	1 U	1 U	1.0 U
2-Hexanone	50		5 U	5U	5 U	5 U	5.0 U
4-Methyl-2-pentanone	NS		5 U	5U	5 U	5 U	5.0 U
Acetone	50		10 U	10U	10 U	10 U	10 U
Benzene	1		1 U	1U	1 U	1 U	1.0 U
Bromodichloromethane	50		1 U	1U	1 U	1 U	1.0 U
Bromoform	50		1 U	1U	1 U	1 U	1.0 U
Bromomethane	5		1 U	1U	1 U	1 U	1.0 U
Carbon disulfide	60		1 U	1U	1 U	1 U	1.0 U
Carbon tetrachloride	5		1 U	1U	1 U	1 U	1.0 U
Chlorobenzene	5		1 U	1U	1 U	1 U	1.0 U
Chloroethane	5		1 U	1U	1 U	1 U	1.0 U
Chloroform	7		1 U	1U	1 U	1 U	1.0 U
cis-1,2-Dichloroethene	5		2.4	2.7	2.3	2.3	2.1
cis-1,3-Dichloropropene	0.4		1 U	1U	1 U	1 U	1.0 U
Dibromochloromethane	50		1 U	1U	1 U	1 U	1.0 U
Ethylbenzene	5		1 U	1U	1 U	1 U	1.0 U
Methyl chloride	5		1 U	1U	1 U	1 U	1.0 U
Methyl ethyl ketone	50		10 U	10U	10 U	10 U	10 U
Methylene chloride	5		1 U	1U	1 U	1 U	1.0 U
Styrene	5		1 U	1U	1 U	1 U	1.0 U
Tetrachloroethene	5		0.41 J	1U	0.39 J	0.45 J	0.48 J
Toluene	5		1 U	1U	1 U	1 U	1.0 U
trans-1,2-Dichloroethene	5		1 U	1U	1 U	1 U	1.0 U
trans-1,3-Dichloropropene	0.4		1 U	1U	1 U	1 U	1.0 U
Trichloroethene	5		1.9	2.3	2.2	2.5	2.7
Vinyl chloride	2		1 U	1U	1 U	1 U	1.0 U
Xylenes, Total	5		2 U	2U	2 U	2 U	2.0 U

NOTES:

U - not detected, J - estimated, B - compound found in the blank and sample, D - Diluted Result

R - unusable, NS - no standard, X-1 - duplicate sample, *+ - LCS or LCSD exceeds control limits, high biased

^ - instrument QC exceeds control limits, F - MS and/or MSD recovery/RPD exceeds the control limits

[ ] - Exceeds NYS Class GA Ground Water Qaulity Standard, '--- Not Analyzed

Data have not been validated

Table 3
2020-2022 Groundwater Data - VOCs
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW Stds (ug/l)	Location ID / Depth Interval / Sample Date / Sample ID	MW-08S - 3/23/2022 MW8S 032322 ug/l	MW-08S - 6/23/2022 MW-8S 062322 ug/l	MW-08S - 9/28/2022 MW8S 092822 ug/l	MW-08S - 9/28/2022 X-1 092822 ug/l	MW-08S --- 12/22/2022 MW8S122222 ug/l
1,1,1-Trichloroethane	5		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1,2,2-Tetrachloroethane	5		1.0 U	1.0 U	1.0 U *+	1.0 U *+	1.0 U
1,1,2-Trichloroethane	1		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1-Dichloroethane	5		1.0 U	1.0 U	1.0 U *+	1.0 U *+	1.0 U
1,1-Dichloroethene	5		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichloroethane	0.6		1.0 U	1.0 U	1.0 U *+	1.0 U *+	1.0 U
1,2-Dichloroethene (Total)	5		---	---	---	---	---
1,2-Dichloropropane	1		1.0 U	1.0 U	1.0 U *+	1.0 U *+	1.0 U
2-Hexanone	50		5.0 U	5.0 U	5.0 U	5.0 U	5.0 U *+
4-Methyl-2-pentanone	NS		5.0 U	5.0 U	5.0 U	5.0 U	5.0 U *+
Acetone	50		10 U	10 U	10 U	10 U	10 U
Benzene	1		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromodichloromethane	50		1.0 U	1.0 U	1.0 U *+	1.0 U *+	1.0 U
Bromoform	50		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromomethane	5		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Carbon disulfide	60		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Carbon tetrachloride	5		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chlorobenzene	5		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chloroethane	5		1.0 U *1	1.0 U	1.0 U	1.0 U	1.0 U
Chloroform	7		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
cis-1,2-Dichloroethene	5		1.8	2.2	2.9	3.4	1.8
cis-1,3-Dichloropropene	0.4		1.0 U	1.0 U	1.0 U *+	1.0 U *+	1.0 U
Dibromochloromethane	50		1.0 U	1.0 U	1.0 U *+	1.0 U *+	1.0 U
Ethylbenzene	5		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Methyl chloride	5		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Methyl ethyl ketone	50		10 U	10 U	10 U *+	10 U *+	10 U
Methylene chloride	5		1.0 U	1.0 U	1.0 U *+	1.0 U *+	1.0 U
Styrene	5		1.0 U	1.0 U	1.0 U *+	1.0 U *+	1.0 U
Tetrachloroethene	5		0.55 J	0.46 J	0.61 J *+	0.77 J *+	0.41 J
Toluene	5		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
trans-1,2-Dichloroethene	5		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
trans-1,3-Dichloropropene	0.4		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Trichloroethene	5		2.2	2.4	3.1	3.5	2.1
Vinyl chloride	2		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Xylenes, Total	5		2.0 U	2.0 U	2.0 U	2.0 U	2.0 U

NOTES:

U - not detected, J - estimated, B - compound found in the blank and sample, D - Diluted Result

R - unusable, NS - no standard, X-1 - duplicate sample, *+ - LCS or LCSD exceeds control limits, high biased

^ - instrument QC exceeds control limits, F - MS and/or MSD recovery/RPD exceeds the control limits

[ ] - Exceeds NYS Class GA Ground Water Qaulity Standard, '--- Not Analyzed

Data have not been validated

Table 3
2020-2022 Groundwater Data - VOCs
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW Stds (ug/l)	Location ID	MW-10D	MW-10D	MW-10D	MW-10D	MW-10D
		Depth Interval	--	--		--	-
		Sample Date	12/15/2020	12/15/2020	3/24/2021	6/15/2021	9/23/2021
		Sample ID	MW10D 121520	X-1 121520	MW10D032421	MW10D061521	MW10D 092321
			µg/L	µg/L	µg/L	µg/L	µg/L
1,1,1-Trichloroethane	5		1 U	1 U	1U	1 U	1 U
1,1,2,2-Tetrachloroethan	5		1 U	1 U	1U F1	1 U	1 U
1,1,2-Trichloroethane	1		1 U	1 U	1U	1 U	1 U
1,1-Dichloroethane	5		1 U	1 U	1U	1 U	1 U
1,1-Dichloroethene	5		1 U	1 U	1U	1 U	1 U
1,2-Dichloroethane	0.6		1 U	1 U	1U	1 U	1 U
1,2-Dichloroethene (Tota	5		---	---	---	---	---
1,2-Dichloropropane	1		1 U	1 U	1U	1 U	1 U
2-Hexanone	50		5 U	5 U	5U F1	5 U	5 U
4-Methyl-2-pentanone	NS		5 U	5 U	5U	5 U	5 U
Acetone	50		10 U	10 U	10U	10 U	10 U
Benzene	1		1 U	1 U	1U	1 U	1 U
Bromodichloromethane	50		1 U	1 U	1U	1 U	1 U
Bromoform	50		1 U	1 U	1U	1 U	1 U
Bromomethane	5		1 U	1 U	1U F2	1 U	1 U
Carbon disulfide	60		1 U	1 U	1U	1 U	1 U
Carbon tetrachloride	5		1 U	1 U	1U	1 U	1 U
Chlorobenzene	5		1 U	1 U	1U F1	1 U	1 U
Chloroethane	5		1 U	1 U	1U	1 U	1 U
Chloroform	7		1 U	1 U	1U	1 U	1 U
cis-1,2-Dichloroethene	5		1 U	1 U	1U	1 U	1 U
cis-1,3-Dichloropropene	0.4		1 U	1 U	1U	1 U	1 U
Dibromochloromethane	50		1 U	1 U	1U	1 U	1 U
Ethylbenzene	5		1 U	1 U	1U	1 U	1 U
Methyl chloride	5		1 U	1 U	1U	1 U	1 U
Methyl ethyl ketone	50		10 U	10 U	10U	10 U	10 U
Methylene chloride	5		1 U	1 U	1U	1 U	1 U
Styrene	5		1 U	1 U	1U	1 U	1 U
Tetrachloroethene	5		1 U	1 U	1U	1 U	1 U
Toluene	5		1 U	1 U	1U	1 U	1 U
trans-1,2-Dichloroethene	5		1 U	1 U	1U	1 U	1 U
trans-1,3-Dichloroproper	0.4		1 U	1 U	1U	1 U	1 U
Trichloroethene	5		1 U	1 U	1U	1 U	1 U
Vinyl chloride	2		1 U	1 U	1U	1 U	1 U
Xylenes, Total	5		2 U	2 U	2U	2 U	2 U

NOTES:

U - not detected, J - estimated, B - compound found in the blank and sample, D - Diluted Result, H - Holding time exceeded

R - unusable, NS - no standard, X-1 - duplicate sample, *+ - LCS or LCSD exceeds control limits, high biased

^ - instrument QC exceeds control limits, F - MS and/or MSD recovery/RPD exceeds the control limits

[ ] - Exceeds NYS Class GA Ground Water Qaulity Standard, '--- Not Analyzed

Data have not been validated

Table 3
2020-2022 Groundwater Data - VOCs
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW Stds (ug/l)	Location ID / Depth Interval / Sample Date / Sample ID	MW-10D - 12/22/2021 MW10D 122221 µg/L	MW-10D - 3/24/2022 MW10D 032422 µg/L	MW-10D - 6/22/2022 MW-10D 062222 ug/l	MW-10D - 9/29/2022 MW10D 092922 ug/l	MW-10D - 12/21/2022 MW10D122122 ug/l
1,1,1-Trichloroethane	5		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1,2,2-Tetrachloroethan	5		1.0 U	1.0 U	1.0 U	1.0 U *+	1.0 U
1,1,2-Trichloroethane	1		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1-Dichloroethane	5		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1-Dichloroethene	5		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichloroethane	0.6		1.0 U	1.0 U	1.0 U	1.0 U *+	1.0 U
1,2-Dichloroethene (Tota	5		---	---	---	---	---
1,2-Dichloropropane	1		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
2-Hexanone	50		5.0 U	5.0 U	5.0 U	5.0 U	5.0 U *+
4-Methyl-2-pentanone	NS		5.0 U	5.0 U	5.0 U	5.0 U	5.0 U *+
Acetone	50		10 U	10 U	10 U	10 U	10 U
Benzene	1		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromodichloromethane	50		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromoform	50		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromomethane	5		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Carbon disulfide	60		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Carbon tetrachloride	5		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chlorobenzene	5		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chloroethane	5		1.0 U	1.0 U *1	1.0 U	1.0 U	1.0 U
Chloroform	7		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
cis-1,2-Dichloroethene	5		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
cis-1,3-Dichloropropene	0.4		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Dibromochloromethane	50		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Ethylbenzene	5		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Methyl chloride	5		1.0 U F1	1.0 U	1.0 U	1.0 U	1.0 U
Methyl ethyl ketone	50		10 U	10 U	10 U	10 U	10 U
Methylene chloride	5		1.0 U	1.0 U	1.0 U	1.0 U *+	1.0 U
Styrene	5		1.0 U	1.0 U	1.0 U	1.0 U *+	1.0 U
Tetrachloroethene	5		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Toluene	5		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
trans-1,2-Dichloroethene	5		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
trans-1,3-Dichloroproper	0.4		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Trichloroethene	5		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Vinyl chloride	2		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Xylenes, Total	5		2.0 U	2.0 U	2.0 U	2.0 U	2.0 U

NOTES:

U - not detected, J - estimated, B - compound found in the blank and sample, D - Diluted Result, H - Holding time exceeded

R - unusable, NS - no standard, X-1 - duplicate sample, *+ - LCS or LCSD exceeds control limits, high biased

^ - instrument QC exceeds control limits, F - MS and/or MSD recovery/RPD exceeds the control limits

[ ] - Exceeds NYS Class GA Ground Water Qaulity Standard, '--- Not Analyzed

Data have not been validated

Table 3
2020-2022 Groundwater Data - VOCs
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW Stds (ug/l)	Location ID	MW-10S	MW-10S	MW-10S	MW-10S	MW-10S	MW-10S
		Depth Interval	--		--	-	-	-
		Sample Date	12/15/2020	3/24/2021	6/15/2021	9/23/2021	9/23/2021	12/22/2021
		Sample ID	MW10S 121520	MW10S032421	MW10S 061521	MW10S 092321	X-1 092321	MW10S 122221
			µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
1,1,1-Trichloroethane	5		1 U	1U	1 U	1 U	1 U	1.0 U
1,1,2,2-Tetrachloroethan	5		1 U	1U	1 U	1 U	1 U	1.0 U
1,1,2-Trichloroethane	1		1 U	1U	1 U	1 U	1 U	1.0 U
1,1-Dichloroethane	5		1 U	1U	1 U	1 U	1 U	1.0 U
1,1-Dichloroethene	5		1 U	1U	1 U	1 U	1 U	1.0 U
1,2-Dichloroethane	0.6		1 U	1U	1 U	1 U	1 U	1.0 U
1,2-Dichloroethene (Tota	5		---	---	---	---	---	---
1,2-Dichloropropane	1		1 U	1U	1 U	1 U	1 U	1.0 U
2-Hexanone	50		5 U	5U	5 U	5 U	5 U	5.0 U
4-Methyl-2-pentanone	NS		5 U	5U	5 U	5 U	5 U	5.0 U
Acetone	50		10 U	10U	10 U	10 U	10 U	10 U
Benzene	1		1 U	1U	1 U	1 U	1 U	1.0 U
Bromodichloromethane	50		1 U	1U	1 U	1 U	1 U	1.0 U
Bromoform	50		1 U	1U	1 U	1 U	1 U	1.0 U
Bromomethane	5		1 U	1U	1 U	1 U	1 U	1.0 U
Carbon disulfide	60		1 U	1U	1 U	1 U	1 U	1.0 U
Carbon tetrachloride	5		1 U	1U	1 U	1 U	1 U	1.0 U
Chlorobenzene	5		1 U	1U	1 U	1 U	1 U	1.0 U
Chloroethane	5		1 U	1U	1 U	1 U	1 U	1.0 U
Chloroform	7		1 U	1U	1 U	1 U	1 U	1.0 U
cis-1,2-Dichloroethene	5		[44]	[23]	1.5	1 U	1 U	[9.1]
cis-1,3-Dichloropropene	0.4		1 U	1U	1 U	1 U	1 U	1.0 U
Dibromochloromethane	50		1 U	1U	1 U	1 U	1 U	1.0 U
Ethylbenzene	5		1 U	1U	1 U	1 U	1 U	1.0 U
Methyl chloride	5		1 U	1U	1 U	1 U	1 U	1.0 U
Methyl ethyl ketone	50		10 U	10U	10 U	10 U	10 U	10 U
Methylene chloride	5		1 U	1U	1 U	1 U	1 U	1.0 U
Styrene	5		1 U	1U	1 U	1 U	1 U	1.0 U
Tetrachloroethene	5		1 U	1U	1 U	1 U	1 U	1.0 U
Toluene	5		1 U	1U	1 U	1 U	1 U	1.0 U
trans-1,2-Dichloroethene	5		1 U	1U	1 U	1 U	1 U	1.0 U
trans-1,3-Dichloropropen	0.4		1 U	1U	1 U	1 U	1 U	1.0 U
Trichloroethene	5		1 U	1U	1 U	1 U	1 U	1.0 U
Vinyl chloride	2		[5.7]	[2.8]	1 U	1 U	1 U	1.4
Xylenes, Total	5		2U	2U	2U	2 U	2 U	2.0 U

NOTES:

U - not detected, J - estimated, B - compound found in the blank and sample, D - Diluted Result, H - Holding time exceeded

R - unusable, NS - no standard, X-1 - duplicate sample, *1 - LCS or LCSD exceeds control limits, '--- Not Analyzed

^ - instrument QC exceeds control limits, F - MS and/or MSD recovery/RPD exceeds the control limits

[ ] - Exceeds NYS Class GA Ground Water Qaulity Standard

Data have not been validated

Table 3
2020-2022 Groundwater Data - VOCs
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW Stds (ug/l)	Location ID	MW-10S	MW-10S	MW-10S	MW-10S	MW-10S	MW-10S
		Depth Interval	-	-	-	-	---	---
		Sample Date	12/22/2021	3/24/2022	6/22/2022	9/29/2022	12/21/2022	12/22/2022
		Sample ID	X-1 122221	MW10S 032422	MW-10S 062222	MW10S 092922	MW10S122122	X-1122122
			µg/L	µg/L	ug/l	ug/l	ug/l	ug/l
1,1,1-Trichloroethane	5		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1,2,2-Tetrachloroethan	5		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1,2-Trichloroethane	1		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1-Dichloroethane	5		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1-Dichloroethene	5		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichloroethane	0.6		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichloroethene (Tota	5		---	---	---	---	---	---
1,2-Dichloropropane	1		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
2-Hexanone	50		5.0 U	5.0 U	5.0 U	5.0 U	5.0 U *+	5.0 U *+
4-Methyl-2-pentanone	NS		5.0 U	5.0 U	5.0 U	5.0 U	5.0 U *+	5.0 U *+
Acetone	50		10 U	10 U	10 U	10 U	10 U	10 U
Benzene	1		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromodichloromethane	50		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromoform	50		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromomethane	5		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Carbon disulfide	60		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Carbon tetrachloride	5		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chlorobenzene	5		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chloroethane	5		1.0 U	1.0 U *1	1.0 U	1.0 U	1.0 U	1.0 U
Chloroform	7		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
cis-1,2-Dichloroethene	5		[8.2]	1.3	[32]	1.0 U	1.0 U	1.0 U
cis-1,3-Dichloropropene	0.4		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Dibromochloromethane	50		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Ethylbenzene	5		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Methyl chloride	5		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Methyl ethyl ketone	50		10 U	10 U	10 U	10 U	10 U	10 U
Methylene chloride	5		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Styrene	5		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Tetrachloroethene	5		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Toluene	5		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
trans-1,2-Dichloroethene	5		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
trans-1,3-Dichloropropen	0.4		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Trichloroethene	5		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Vinyl chloride	2		1.1	1.0 U	[4.7]	1.0 U	1.0 U	1.0 U
Xylenes, Total	5		2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U

NOTES:

U - not detected, J - estimated, B - compound found in the blank and sample, D - Diluted Result, H - Holding time exceeded

R - unusable, NS - no standard, X-1 - duplicate sample, *1 - LCS or LCSD exceeds control limits, '--- Not Analyzed

^ - instrument QC exceeds control limits, F - MS and/or MSD recovery/RPD exceeds the control limits

[ ] - Exceeds NYS Class GA Ground Water Qaulity Standard

Data have not been validated

Table 4
Groundwater Data - VOCs
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW Stds (ug.l)	Location ID	MW-01D	MW-01D	MW-01D	MW-01D	MW-01D	MW-01D
		Depth Interval	-	-	-	-	-	-
		Sample Date	9/11/1995	11/13/1995	7/22/1997	9/15/1997	2/14/2000	8/13/2001
		Sample ID	MW-01D_WG_091195	MW-01D_WG_111395	MW-01D_WG_072297	MW-01D_WG_091597	MW-01D_WG_021400	MW-01D_WG_081301
			ug/l	ug/l	ug/l	ug/l	ug/l	ug/l
1,1,1-Trichloroethane	5		10 U	10 U	1 U	1 U	0.5 U	0.5 U
1,1,2,2-Tetrachloroethane	5		10 U	10 U	1 U	1 U	0.5 U	0.5 U
1,1,2-Trichloroethane	1		10 U	10 U	1 U	1 U	0.5 U	0.5 U
1,1-Dichloroethane	5		10 U	10 U	1 U	1 U	0.5 U	0.5 U
1,1-Dichloroethene	5		10 U	10 U	1 U	1 U	0.1 J	0.5 U
1,2-Dichloroethane	0.6		10 U	10 U	1 U	1 U	0.5 U	0.5 U
1,2-Dichloroethene (Total)	5		10 U	10 U	1 U	1 U	---	---
1,2-Dichloropropane	1		10 U	10 U	1 U	1 U	0.5 U	0.5 U
2-Hexanone	50		10 U	10 U	2 U	2 U	5 U	5 U
4-Methyl-2-pentanone	NS		10 U	10 U	2 U	2 U	5 U	5 U
Acetone	50		12	10 U	2 U	2 U	10 U	10 U
Benzene	1		10 U	10 U	1 U	1 U	0.5 U	0.5 U
Bromodichloromethane	50		10 U	10 U	1 U	1 U	0.5 U	0.5 U
Bromoform	50		10 U	10 U	1 U	1 U	0.5 U	0.5 U
Bromomethane	5		2	10 U	2 U	2 U	1 U	1 U
Carbon disulfide	60		10 U	10 U	1 U	1 U	0.5 U	0.5 U
Carbon tetrachloride	5		10 U	10 U	1 U	1 U	0.5 U	0.5 U
Chlorobenzene	5		10 U	10 U	1 U	1 U	0.5 U	0.5 U
Chloroethane	5		10 U	10 U	1 U	1 U	1 U	1 U
Chloroform	7		10 U	10 U	1 U	1 U	0.5 U	0.5 U
cis-1,2-Dichloroethene	5		---	---	---	---	0.5 J	0.5 U
cis-1,3-Dichloropropene	0.4		10 U	10 U	1 U	1 U	0.5 U	0.5 U
Dibromochloromethane	50		10 U	10 U	1 U	1 U	0.5 U	0.5 U
Ethylbenzene	5		10 U	10 U	1 U	1 U	0.5 U	0.5 U
Methyl chloride	5		10 U	10 U	1 U	1 U	1 U	1 U
Methyl ethyl ketone	50		10 U	10 U	4 U	4 U	10 U	10 U
Methylene chloride	5		13 U	10 U	1 U	1 U	2 U	2 U
Styrene	5		10 U	10 U	1 U	1 U	0.5 U	0.5 U
Tetrachloroethene	5		10 U	10 U	1 U	1 U	0.5 U	0.5 U
Toluene	5		10 U	10 U	1 U	1 U	0.5 U	0.5 U
trans-1,2-Dichloroethene	5		---	---	---	---	0.5 U	0.5 U
trans-1,3-Dichloropropene	0.4		10 U	10 U	1 U	1 U	0.5 U	0.5 U
Trichloroethene	5		10 U	10 U	1 U	1 U	0.5 U	0.5 U
Vinyl chloride	2		10 U	10 U	1 U	1 U	1 U	1 U
Xylenes, Total	5		10 U	10 U	1 U	1 U	0.5 U	0.5 U

NOTES:
U - not detected, J - estimated, D - Diluted Result, H - Holding time exceeded, R - unusable, NS - no standard, Dup - duplicate sample,
--- Not analyzed, F - MS and/or MSD recovery/RPD exceeds the control limits
[ ] - Exceeds NYS Class GA Ground Water Qaulity Standard
Trip Blank associated with samples collected on 10/29/07 contained Acetone and Methylene Chloride.
Data have not been validated

RAMBOLL

Table 4
Groundwater Data - VOCs
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW Stds (ug.l)	Location ID	MW-01D	MW-01D	MW-01D	MW-01D	MW-01D	MW-01D
		Depth Interval	-	-	-	-	-	-
		Sample Date	11/26/2001	2/25/2002	2/25/2002	5/13/2002	5/13/2002	2/3/2004
		Sample ID	MW-01D_WG_112601	MW-01D_WG_022502	V-01D_WG_022502_D	MW-01D_WG_051302	V-01D_WG_051302_D	MW-01D_WG_020304
			ug/l	ug/l	ug/l	ug/l	ug/l	ug/l
1,1,1-Trichloroethane	5		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1,2,2-Tetrachloroethane	5		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1,2-Trichloroethane	1		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1-Dichloroethane	5		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1-Dichloroethene	5		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,2-Dichloroethane	0.6		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,2-Dichloroethene (Total)	5		---	---	---	---	---	---
1,2-Dichloropropane	1		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
2-Hexanone	50		5 U	5 U	5 U	5 U	5 U	5 U
4-Methyl-2-pentanone	NS		5 U	5 U	5 U	5 U	5 U	5 U
Acetone	50		10 U	10 U	10 U	10 U	10 U	10 U
Benzene	1		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Bromodichloromethane	50		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Bromoform	50		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Bromomethane	5		1 U	1 U	1 U	1 U	1 U	1 U
Carbon disulfide	60		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Carbon tetrachloride	5		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Chlorobenzene	5		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Chloroethane	5		1 U	1 U	1 U	1 U	1 U	1 U
Chloroform	7		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
cis-1,2-Dichloroethene	5		0.2 J	0.1 J	0.1 J	0.1 J	0.5 U	0.5 U
cis-1,3-Dichloropropene	0.4		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Dibromochloromethane	50		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Ethylbenzene	5		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Methyl chloride	5		1 U	1 U	1 U	1 U	1 U	1 U
Methyl ethyl ketone	50		10 U	10 U	10 U	10 U	10 U	10 U
Methylene chloride	5		2 U	2 U	2 U	2 U	2 U	2 U
Styrene	5		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Tetrachloroethene	5		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Toluene	5		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
trans-1,2-Dichloroethene	5		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
trans-1,3-Dichloropropene	0.4		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Trichloroethene	5		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Vinyl chloride	2		1 U	1 U	1 U	1 U	1 U	1 U
Xylenes, Total	5		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U

NOTES:
U - not detected, J - estimated, D - Diluted Result, H - Holding time exceeded, R - unusable, NS - no standard, Dup - duplicate sample,
--- Not analyzed, F - MS and/or MSD recovery/RPD exceeds the control limits
[ ] - Exceeds NYS Class GA Ground Water Qaulity Standard
Trip Blank associated with samples collected on 10/29/07 contained Acetone and Methylene Chloride.
Data have not been validated

RAMBOLL

Table 4
Groundwater Data - VOCs
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW Stds (ug.l)	Location ID	MW-01D	MW-01D	MW-01D	MW-01D	MW-01D	MW-01D
		Depth Interval	-	-	-	-	-	-
		Sample Date	5/18/2004	8/5/2004	11/16/2004	2/16/2005	4/18/2005	9/7/2005
		Sample ID	MW-01D_WG_051804	MW-01D_WG_080504	MW-01D_WG_111604	MW-01D_WG_021605	MW-01D_WG_041805	MW-1D_09072005
			ug/l	ug/l	ug/l	ug/l	ug/l	ug/l
1,1,1-Trichloroethane	5		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1,2,2-Tetrachloroethane	5		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1,2-Trichloroethane	1		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1-Dichloroethane	5		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1-Dichloroethene	5		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,2-Dichloroethane	0.6		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,2-Dichloroethene (Total)	5		---	---	---	---	---	---
1,2-Dichloropropane	1		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
2-Hexanone	50		5 U	5 U	5 U	5 U	5 U	5 U
4-Methyl-2-pentanone	NS		5 U	5 U	5 U	5 U	5 U	5 U
Acetone	50		1 J	10 U	10 U	2 J	10 U	1.48 J
Benzene	1		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Bromodichloromethane	50		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Bromoform	50		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Bromomethane	5		1 U	1 U	1 U	1 U	1 U	1 U
Carbon disulfide	60		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Carbon tetrachloride	5		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Chlorobenzene	5		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Chloroethane	5		1 U	1 U	1 U	1 U	1 U	1 U
Chloroform	7		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
cis-1,2-Dichloroethene	5		0.1 J	0.5 U	0.5 U	0.5 U	0.1 J	0.5 U
cis-1,3-Dichloropropene	0.4		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Dibromochloromethane	50		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Ethylbenzene	5		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Methyl chloride	5		1 U	1 U	1 U	1 U	1 U	1 U
Methyl ethyl ketone	50		10 U	10 U	10 U	10 U	10 U	10 U
Methylene chloride	5		2 U	2 U	2 U	2 U	2 U	2 U
Styrene	5		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Tetrachloroethene	5		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Toluene	5		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
trans-1,2-Dichloroethene	5		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
trans-1,3-Dichloropropene	0.4		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Trichloroethene	5		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Vinyl chloride	2		1 U	1 U	1 U	1 U	1 U	1 U
Xylenes, Total	5		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U

NOTES:
U - not detected, J - estimated, D - Diluted Result, H - Holding time exceeded, R - unusable, NS - no standard, Dup - duplicate sample,
--- Not analyzed, F - MS and/or MSD recovery/RPD exceeds the control limits
[ ] - Exceeds NYS Class GA Ground Water Qaulity Standard
Trip Blank associated with samples collected on 10/29/07 contained Acetone and Methylene Chloride.
Data have not been validated

RAMBOLL

Table 4
Groundwater Data - VOCs
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW Stds (ug.l)	Location ID Depth Interval Sample Date Sample ID	MW-01D - 11/15/2005 MW-1D_11152005 ug/l	MW-01D - 4/26/2006 MW-1D_04262006 ug/l	MW-01D - 11/14/2006 MW-1D_11142006 ug/l	MW-01D - 39203.68056 MW-1D_050107 ug/l	MW-01D - 39384.56944 MW-1D-102907 ug/l	MW-01D - 05/21/2008 MW-1D-052108 ug/l
1,1,1-Trichloroethane	5		0.5 U	0.5 U	0.5	0.5 U	0.5 U	0.5 U
1,1,2,2-Tetrachloroethane	5		0.5 U	0.5 U	0.5	0.5 U	0.5 U	0.5 U
1,1,2-Trichloroethane	1		0.5 U	0.5 U	0.5	0.5 U	0.5 U	0.5 U
1,1-Dichloroethane	5		0.5 U	0.5 U	0.5	0.5 U	0.5 U	0.5 U
1,1-Dichloroethene	5		0.5 U	0.5 U	0.5	0.5 U	0.5 U	0.5 U
1,2-Dichloroethane	0.6		0.5 U	0.5 U	0.5	0.5 U	0.5 U	0.5 U
1,2-Dichloroethene (Total)	5		---	---	---	---	---	---
1,2-Dichloropropane	1		0.5 U	0.5 U	0.5	0.5 U	0.5 U	0.5 U
2-Hexanone	50		5 U	5 U	5	5 U	5 U	5 U
4-Methyl-2-pentanone	NS		5 U	5 U	5	5 U	5 U	5 U
Acetone	50		10 U	10 U	10	10 U	10 U	10 U
Benzene	1		0.5 U	0.5 U	0.5	0.5 U	0.5 U	0.5 U
Bromodichloromethane	50		0.5 U	0.5 U	0.5	0.5 U	0.5 U	0.5 U
Bromoform	50		0.5 U	0.5 U	0.5	0.5 U	0.5 U	1 U
Bromomethane	5		1 U	1 U	1	1 U	1 U	1 U
Carbon disulfide	60		0.5 U	0.5 U	0.5	0.5 U	0.5 U	0.5 U
Carbon tetrachloride	5		0.5 U	0.5 U	0.5	0.5 U	0.5 U	0.5 U
Chlorobenzene	5		0.5 U	0.5 U	0.5	0.5 U	0.5 U	0.5 U
Chloroethane	5		1 U	1 U	1	1 U	1 U	1 U
Chloroform	7		0.5 U	0.5 U	0.5	0.5 U	0.5 U	0.5 U
cis-1,2-Dichloroethene	5		0.11 J	0.12 J	0.13 J	0.11 J	0.5 U	0.5 U
cis-1,3-Dichloropropene	0.4		0.5 U	0.5 U	**[0.5]**	0.5 U	0.5 U	0.5 U
Dibromochloromethane	50		0.5 U	0.5 U	0.5	0.5 U	0.5 U	0.5 U
Ethylbenzene	5		0.5 U	0.5 U	0.5	0.5 U	0.5 U	0.5 U
Methyl chloride	5		1 U	1 U	1	1 U	1 U	1 U
Methyl ethyl ketone	50		10 U	10 U	10	10 U	10 U	10 U
Methylene chloride	5		2 U	0.16 J	2	2 U	2 U	2 U
Styrene	5		0.5 U	0.5 U	0.5	0.5 U	0.5 U	0.5 U
Tetrachloroethene	5		0.5 U	0.5 U	0.5	0.5 U	0.5 U	0.5 U
Toluene	5		0.5 U	0.5 U	0.5	0.5 U	0.5 U	0.5 U
trans-1,2-Dichloroethene	5		0.5 U	0.5 U	0.5	0.5 U	0.5 U	0.5 U
trans-1,3-Dichloropropene	0.4		0.5 U	0.5 U	**[0.5]**	0.5 U	0.5 U	0.5 U
Trichloroethene	5		0.5 U	0.5 U	0.5	0.5 U	0.5 U	0.5 U
Vinyl chloride	2		1 U	1 U	1	1 U	1 U	1 U
Xylenes, Total	5		1 U	1 U	1	1 U	1 U	1 U

NOTES:
U - not detected, J - estimated, D - Diluted Result, H - Holding time exceeded, R - unusable, NS - no standard, Dup - duplicate sample,
--- Not analyzed, F - MS and/or MSD recovery/RPD exceeds the control limits
[ ] - Exceeds NYS Class GA Ground Water Qaulity Standard
Trip Blank associated with samples collected on 10/29/07 contained Acetone and Methylene Chloride.
Data have not been validated

Table 4
Groundwater Data - VOCs
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW Stds (ug.l)	Location ID / Depth Interval / Sample Date / Sample ID	MW-01D - 11/18/2008 MW-1D ug/l	MW-01D - 10/19/2009 W-1D-101909101920 ug/l	MW-01D - 5/18/2010 W-1D-051810051820: ug/l	MW-01D - 1/19/2011 MW-1D-01192011 ug/l	MW-01D - 4/18/2011 MW-1D-041811 ug/l	MW-01D - 7/26/2011 MW-1D072611 ug/l
1,1,1-Trichloroethane	5		0.5 U	1 U	1 U	1 U	1 U	1 U
1,1,2,2-Tetrachloroethane	5		0.5 U	1 U	1 U	1 U	1 U	1 U
1,1,2-Trichloroethane	1		0.5 U	1 U	1 U	1 U	1 U	1 U
1,1-Dichloroethane	5		0.5 U	1 U	1 U	1 U	1 U	1 U
1,1-Dichloroethene	5		0.5 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichloroethane	0.6		0.5 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichloroethene (Total)	5		---	---	---	---	---	---
1,2-Dichloropropane	1		0.5 U	1 U	1 U	1 U	1 U	1 U
2-Hexanone	50		5 U	5 U	5 U	5 U	5 U	5 U
4-Methyl-2-pentanone	NS		5 U	5 U	5 U	5 U	5 U	5 U
Acetone	50		10 U	5 U	5 U	10 U	10 U	10 U
Benzene	1		0.5 U	1 U	1 U	1 U	1 U	1 U
Bromodichloromethane	50		0.5 U	1 U	1 U	1 U	1 U	1 U
Bromoform	50		1 U	1 U	1 U	1 U	1 U	1 U
Bromomethane	5		1 U	1 U	1 U	1 U	1 U	1 U
Carbon disulfide	60		0.5 U	1 U	1 U	1 U	1 U	1 U
Carbon tetrachloride	5		0.5 U	1 U	1 U	1 U	1 U	1 U
Chlorobenzene	5		0.5 U	1 U	1 U	1 U	1 U	1 U
Chloroethane	5		1 U	1 U	1 U	1 U	1 U	1 U
Chloroform	7		0.5 U	1 U	1 U	1 U	1 U	1 U
cis-1,2-Dichloroethene	5		0.5 U	1 U	1 U	1 U	1 U	1 U
cis-1,3-Dichloropropene	0.4		0.5 U	1 U	1 U	1 U	1 U	1 U
Dibromochloromethane	50		0.5 U	1 U	1 U	1 U	1 U	1 U
Ethylbenzene	5		0.5 U	1 U	1 U	1 U	1 U	1 U
Methyl chloride	5		0.61 J	1 U	1 U	1 U	1 U	1 U
Methyl ethyl ketone	50		10 U	5 U	5 U	10 U	10 U	10 U
Methylene chloride	5		2 U	1 U	1 U	1 U	1 U	1 U
Styrene	5		0.5 U	1 U	1 U	1 U	1 U	1 U
Tetrachloroethene	5		0.5 U	1 U	1 U	1 U	1 U	1 U
Toluene	5		0.5 U	1 U	1 U	1 U	1 U	1
trans-1,2-Dichloroethene	5		0.5 U	1 U	1 U	1 U	1 U	1 U
trans-1,3-Dichloropropene	0.4		0.5 U	1 U	1 U	1 U	1 U	1 U
Trichloroethene	5		0.5 U	1 U	1 U	1 U	1 U	1 U
Vinyl chloride	2		1 U	1 U	1 U	1 U	1 U	1 U
Xylenes, Total	5		1 U	2 U	2 U	2 U	2 U	2 U

NOTES:
U - not detected, J - estimated, D - Diluted Result, H - Holding time exceeded, R - unusable, NS - no standard, Dup - duplicate sample,
--- Not analyzed, F - MS and/or MSD recovery/RPD exceeds the control limits
[ ] - Exceeds NYS Class GA Ground Water Qaulity Standard
Trip Blank associated with samples collected on 10/29/07 contained Acetone and Methylene Chloride.
Data have not been validated

RAMBOLL

Table 4
Groundwater Data - VOCs
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW Stds (ug.l)	Location ID Depth Interval Sample Date Sample ID	MW-01D - 10/25/2011 MW1D102511 ug/l	MW-01D - 3/20/2012 MW1D032012 ug/l	MW-1D 8/7/2012 MW1D080712 ug/l	X-1 - 8/7/2012 MW1D080712 ug/l	X-1 - 6/10/2014 MWID061014 ug/l	MW-1D - 12/18/2012 MW-1D-121812 ug/l
1,1,1-Trichloroethane	5		1 U	1 U	1 U	1 U	1 U	1 U
1,1,2,2-Tetrachloroethane	5		1 U	1 U	1 U	1 U	1 U	1 U
1,1,2-Trichloroethane	1		1 U	1 U	1 U	1 U	1 U	1 U
1,1-Dichloroethane	5		1 U	1 U	1 U	1 U	1 U	1 U
1,1-Dichloroethene	5		1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichloroethane	0.6		1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichloroethene (Total)	5		---	---	---	---	---	---
1,2-Dichloropropane	1		1 U	1 U	1 U	1 U	1 U	1 U
2-Hexanone	50		5 U	5 U	5 U	5 U	5 U	5 U
4-Methyl-2-pentanone	NS		5 U	5 U	5 U	5 U	5 U	5 U
Acetone	50		10 U	10 U	10 U	10 U	10 U	10 U
Benzene	1		1 U	1 U	1 U	1 U	1 U	1 U
Bromodichloromethane	50		1 U	1 U	1 U	1 U	1 U	1 U
Bromoform	50		1 U	1 U	1 U	1 U	1 U	1 U
Bromomethane	5		1 U	1 U	1 U	1 U	1 U	1 U
Carbon disulfide	60		1 U	1 U	1 U	1 U	1 U	1 U
Carbon tetrachloride	5		1 U	1 U	1 U	1 U	1 U	1 U
Chlorobenzene	5		1 U	1 U	1 U	1 U	1 U	1 U
Chloroethane	5		1 U	1 U	1 U	1 U	1 U	1 U
Chloroform	7		1 U	1 U	1 U	1 U	1 U	1 U
cis-1,2-Dichloroethene	5		1 U	1 U	1 U	1 U	1 U	1 U
cis-1,3-Dichloropropene	0.4		1 U	1 U	1 U	1 U	1 U	1 U
Dibromochloromethane	50		1 U	1 U	1 U	1 U	1 U	1 U
Ethylbenzene	5		1 U	1 U	1 U	1 U	1 U	1 U
Methyl chloride	5		1 U	1 U	1 U	1 U	1 U	1 U
Methyl ethyl ketone	50		10 U	10 U	10 U	10 U	10 U	10 U
Methylene chloride	5		1 U	1 U	1 U	1 U	1 U	1 U
Styrene	5		1 U	1 U	1 U	1 U	1 U	1 U
Tetrachloroethene	5		1 U	1 U	1 U	1 U	1 U	1 U
Toluene	5		1 U	1 U	1 U	1 U	1 U	1 U
trans-1,2-Dichloroethene	5		1 U	1 U	1 U	1 U	1 U	1 U
trans-1,3-Dichloropropene	0.4		1 U	1 U	1 U	1 U	1 U	1 U
Trichloroethene	5		1 U	1 U	1 U	1 U	1 U	1 U
Vinyl chloride	2		1 U	1 U	1 U	1 U	1 U	1 U
Xylenes, Total	5		2 U	2 U	2 U	2 U	2 U	2 U

NOTES:
U - not detected, J - estimated, D - Diluted Result, H - Holding time exceeded, R - unusable, NS - no standard, Dup - duplicate sample,
--- Not analyzed, F - MS and/or MSD recovery/RPD exceeds the control limits
[ ] - Exceeds NYS Class GA Ground Water Qaulity Standard
Trip Blank associated with samples collected on 10/29/07 contained Acetone and Methylene Chloride.
Data have not been validated

Table 4
Groundwater Data - VOCs
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW Stds (ug.l)	Location ID Depth Interval Sample Date Sample ID	MW-1D - 5/21/2013 MW-1D-052113 ug/l	MW-1D - 8/19/2013 MW-1D-081913 ug/l	MW-1D - 12/19/2013 MW-1D-121913 ug/l	MW-1D - 3/25/2014 MW-1D-032514 ug/l	MW-ID - 6/9/2014 MW-ID-060914 ug/l	MW-1D - 9/23/2014 MW1D092314 ug/l
1,1,1-Trichloroethane	5		1 U	1 U	1 U	1 U	1 U	1 U
1,1,2,2-Tetrachloroethane	5		1 U	1 U	1 U	1 U	1 U	1 U
1,1,2-Trichloroethane	1		1 U	1 U	1 U	1 U	1 U	1 U
1,1-Dichloroethane	5		1 U	1 U	1 U	1 U	1 U	1 U
1,1-Dichloroethene	5		1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichloroethane	0.6		1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichloroethene (Total)	5		---	---	---	---	---	---
1,2-Dichloropropane	1		1 U	1 U	1 U	1 U	1 U	1 U
2-Hexanone	50		5 U	5 U	5 U	5 U	5 U	5 U
4-Methyl-2-pentanone	NS		5 U	5 U	5 U	5 U	5 U	5 U
Acetone	50		10 U	10 U	10 U	10 U	10 U	10 U
Benzene	1		1 U	1 U	1 U	1 U	1 U	1 U
Bromodichloromethane	50		1 U	1 U	1 U	1 U	1 U	1 U
Bromoform	50		1 U	1 U	1 U	1 U	1 U	1 U
Bromomethane	5		1 U	1 U	1 U	1 U	1 U	1 U
Carbon disulfide	60		1 U	1 U	1 U	1 U	1 U	1 U
Carbon tetrachloride	5		1 U	1 U	1 U	1 U	1 U	1 U
Chlorobenzene	5		1 U	1 U	1 U	1 U	1 U	1 U
Chloroethane	5		1 U	1 U	1 U	1 U	1 U	1 U
Chloroform	7		1 U	1 U	1 U	1 U	1 U	1 U
cis-1,2-Dichloroethene	5		1 U	1 U	1 U	1 U	1 U	1 U
cis-1,3-Dichloropropene	0.4		1 U	1 U	1 U	1 U	1 U	1 U
Dibromochloromethane	50		1 U	1 U	1 U	1 U	1 U	1 U
Ethylbenzene	5		1 U	1 U	1 U	1 U	1 U	1 U
Methyl chloride	5		1 U	1 U	1 U	1 U	1 U	1 U
Methyl ethyl ketone	50		10 U	10 U	10 U	10 U	10 U	10 U
Methylene chloride	5		1 U	1 U	1 U	1 U	1 U	1 U
Styrene	5		1 U	1 U	1 U	1 U	1 U	1 U
Tetrachloroethene	5		1 U	1 U	1 U	1 U	1 U	1 U
Toluene	5		1 U	1 U	1 U	1 U	1 U	1 U
trans-1,2-Dichloroethene	5		1 U	1 U	1 U	1 U	1 U	1 U
trans-1,3-Dichloropropene	0.4		1 U	1 U	1 U	1 U	1 U	1 U
Trichloroethene	5		1 U	1 U	1 U	1 U	1 U	1 U
Vinyl chloride	2		1 U	1 U	1 U	1 U	1 U	1 U
Xylenes, Total	5		2 U	2 U	2 U	2 U	2 U	2 U

NOTES:
U - not detected, J - estimated, D - Diluted Result, H - Holding time exceeded, R - unusable, NS - no standard, Dup - duplicate sample,
--- Not analyzed, F - MS and/or MSD recovery/RPD exceeds the control limits
[ ] - Exceeds NYS Class GA Ground Water Qaulity Standard
Trip Blank associated with samples collected on 10/29/07 contained Acetone and Methylene Chloride.
Data have not been validated

RAMBOLL

Table 4
Groundwater Data - VOCs
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW Stds (ug.l)	Location ID Depth Interval Sample Date Sample ID	MW-1D - 12/9/2014 MW 1D 120914 ug/l	MW-1D - 3/16/2015 MW1D 031615 ug/l	MW-1D - 6/23/2015 MW1D 062315 ug/l	X-1 - 6/23/2015 MW1D 062315 ug/l	MW-1D - 9/21/2015 MW1D 092115 ug/l	MW-1D - 1/12/2016 MW1D 011216 ug/l
1,1,1-Trichloroethane	5		1 U*	1 U	1 U	1 U	1 U	1 U
1,1,2,2-Tetrachloroethane	5		1 U	1 U	1 U	1 U	1 U	1 U
1,1,2-Trichloroethane	1		1 U	1 U	1 U	1 U	1 U	1 U
1,1-Dichloroethane	5		1 U	1 U	1 U	1 U	1 U	1 U
1,1-Dichloroethene	5		1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichloroethane	0.6		1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichloroethene (Total)	5		---	---	---	---	---	---
1,2-Dichloropropane	1		1 U	1 U	1 U	1 U	1 U	1 U
2-Hexanone	50		5 U	5 U	5 U	5 U	5 U	5 U
4-Methyl-2-pentanone	NS		5 U	5 U	5 U	5 U	5 U	5 U
Acetone	50		10 U	10 U	10 U	10 U	10 U	10 U *
Benzene	1		1 U	1 U	1 U	1 U	1 U	1 U
Bromodichloromethane	50		1 U	1 U	1 U	1 U	1 U	1 U
Bromoform	50		1 U*	1 U	1 U	1 U	1 U	1 U
Bromomethane	5		1 U	1 U	1 U	1 U	1 U	1 U
Carbon disulfide	60		1 U	1 U	1 U	1 U	1 U	1 U
Carbon tetrachloride	5		1 U	1 U	1 U	1 U	1 U	1 U
Chlorobenzene	5		1 U	1 U	1 U	1 U	1 U	1 U
Chloroethane	5		1 U	1 U	1 U	1 U	1 U	1 U
Chloroform	7		1 U	1 U	1 U	1 U	1 U	1 U
cis-1,2-Dichloroethene	5		1 U	1 U	1 U	1 U	1 U	1 U
cis-1,3-Dichloropropene	0.4		1 U	1 U	1 U	1 U	1 U	1 U
Dibromochloromethane	50		1 U*	1 U	1 U	1 U	1 U	1 U
Ethylbenzene	5		1 U	1 U	1 U	1 U	1 U	1 U
Methyl chloride	5		1 U	1 U	1 U	1 U	1 U	1 U
Methyl ethyl ketone	50		10 U	10 U	10 U	10 U	10 U	10 U
Methylene chloride	5		1 U	1 U	1 U	1 U	1 U	1 U
Styrene	5		1 U	1 U	1 U	1 U	1 U	1 U
Tetrachloroethene	5		1 U	1 U	1 U	1 U	1 U	1 U
Toluene	5		1 U	1 U	1 U	1 U	1 U	1 U
trans-1,2-Dichloroethene	5		1 U	1 U	1 U	1 U	1 U	1 U
trans-1,3-Dichloropropene	0.4		1 U	1 U	1 U	1 U	1 U	1 U
Trichloroethene	5		1 U	1 U	1 U	1 U	1 U	1 U
Vinyl chloride	2		1 U	1 U	1 U	1 U	1 U	1 U
Xylenes, Total	5		2 U	2 U	2 U	2 U	2 U	2 U

NOTES:
U - not detected, J - estimated, D - Diluted Result, H - Holding time exceeded, R - unusable, NS - no standard, Dup - duplicate sample,
--- Not analyzed, F - MS and/or MSD recovery/RPD exceeds the control limits
[ ] - Exceeds NYS Class GA Ground Water Qaulity Standard
Trip Blank associated with samples collected on 10/29/07 contained Acetone and Methylene Chloride.
Data have not been validated

Table 4
Groundwater Data - VOCs
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW Stds (ug.l)	Location ID Depth Interval Sample Date Sample ID	X-1 - 1/12/2016 MW1D 011216 ug/l	MW-1D - 3/28/2016 MW1D 032816 ug/l	MW-1D - 6/21/2016 MW1D 062116 ug/l	MW-1D - 9/20/2016 MW1D 092016 ug/l	MW-1D - 12/20/2016 MW1D 122016 ug/l	X-1 - 12/20/2016 MW1D 122016 ug/l
1,1,1-Trichloroethane	5		1 U	1 U	1 U	1 U	1 U	1 U
1,1,2,2-Tetrachloroethane	5		1 U	1 U	1 U	1 U	1 U	1 U
1,1,2-Trichloroethane	1		1 U	1 U	1 U	1 U	1 U	1 U
1,1-Dichloroethane	5		1 U	1 U	1 U	1 U	1 U	1 U
1,1-Dichloroethene	5		1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichloroethane	0.6		1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichloroethene (Total)	5		---	----	---	---	---	---
1,2-Dichloropropane	1		1 U	1 U	1 U	1 U	1 U	1 U
2-Hexanone	50		5 U	5 U	5 U	5 U	5 U	5 U
4-Methyl-2-pentanone	NS		5 U	5 U	5 U	5 U	5 U	5 U
Acetone	50		10 U *	10 U	10 U	10 U	10 U	10 U
Benzene	1		1 U	1 U	1 U	1 U	1 U	1 U
Bromodichloromethane	50		1 U	1 U	1 U	1 U	1 U	1 U
Bromoform	50		1 U	1 U	1 U	1 U	1 U	1 U
Bromomethane	5		1 U	1 U	1 U	1 U	1 U	1 U
Carbon disulfide	60		1 U	1 U	1 U	1 U	1 U	1 U
Carbon tetrachloride	5		1 U	1 U*	1 U	1 U	1 U	1 U
Chlorobenzene	5		1 U	1 U	1 U	1 U	1 U	1 U
Chloroethane	5		1 U	1 U	1 U	1 U	1 U	1 U
Chloroform	7		1 U	1 U	1 U	1 U	1 U	1 U
cis-1,2-Dichloroethene	5		1 U	1 U	1 U	1 U	1 U	1 U
cis-1,3-Dichloropropene	0.4		1 U	1 U	1 U	1 U	1 U	1 U
Dibromochloromethane	50		1 U	1 U	1 U	1 U	1 U	1 U
Ethylbenzene	5		1 U	1 U	1 U	1 U	1 U	1 U
Methyl chloride	5		1 U	1 U	1 U	1 U	1 U	1 U
Methyl ethyl ketone	50		10 U	10 U	10 U	10 U	10 U	10 U
Methylene chloride	5		1 U	1 U	1 U	1 U	1 U	1 U
Styrene	5		1 U	1 U	1 U	1 U	1 U	1 U
Tetrachloroethene	5		1 U	1 U	1 U	1 U	1 U	1 U
Toluene	5		1 U	1 U	1 U	1 U	1 U	1 U
trans-1,2-Dichloroethene	5		1 U	1 U	1 U	1 U	1 U	1 U
trans-1,3-Dichloropropene	0.4		1 U	1 U*	1 U	1 U	1 U	1 U
Trichloroethene	5		1 U	1 U	1 U	1 U	1 U	1 U
Vinyl chloride	2		1 U	1 U	1 U	1 U	1 U	1 U
Xylenes, Total	5		2 U	2 U	2 U	2 U	2 U	2 U

NOTES:
U - not detected, J - estimated, D - Diluted Result, H - Holding time exceeded, R - unusable, NS - no standard, Dup - duplicate sample,
--- Not analyzed, F - MS and/or MSD recovery/RPD exceeds the control limits
[ ] - Exceeds NYS Class GA Ground Water Qaulity Standard
Trip Blank associated with samples collected on 10/29/07 contained Acetone and Methylene Chloride.
Data have not been validated

RAMBOLL

Table 4
Groundwater Data - VOCs
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW Stds (ug.l)	Location ID Depth Interval Sample Date Sample ID	MW-1D - 4/11/2017 MW1D 04112017 ug/l	MW-1D - 6/28/2017 MW1D 062817 ug/l	MW-1D - 9/12/2017 MW1D 091217 ug/l	MW-1D - 12/19/2017 MW1D 121917 ug/l	MW-1D - 3/13/2018 MW1D 031318 ug/l	MW-1D - 6/19/2018 MW1D 061918 ug/l
1,1,1-Trichloroethane	5		1 U	1 U	1 U	1.0 U	1.0 U	1.0 U
1,1,2,2-Tetrachloroethane	5		1 U	1 U	1 U	1.0 U	1.0 U	1.0 U
1,1,2-Trichloroethane	1		1 U	1 U	1 U	1.0 U	1.0 U	1.0 U
1,1-Dichloroethane	5		1 U	1 U	1 U	1.0 U	1.0 U	1.0 U
1,1-Dichloroethene	5		1 U	1 U	1 U	1.0 U	1.0 U	1.0 U
1,2-Dichloroethane	0.6		1 U	1 U	1 U	1.0 U	1.0 U	1.0 U
1,2-Dichloroethene (Total)	5		---	---	---	---	---	---
1,2-Dichloropropane	1		1 U	1 U	1 U	1.0 U	1.0 U	1.0 U
2-Hexanone	50		5 U	5 U	5 U	5.0 U	5.0 U	5.0 U
4-Methyl-2-pentanone	NS		5 U	5 U	5 U	5.0 U	5.0 U	5.0 U
Acetone	50		10 U	10 U	10 U	10 U	10 U	10 U
Benzene	1		1 U	1 U	1 U	1.0 U	1.0 U	1.0 U
Bromodichloromethane	50		1 U	1 U	1 U	1.0 U	1.0 U	1.0 U
Bromoform	50		1 U	1 U	1 U	1.0 U	1.0 U	1.0 U
Bromomethane	5		1 U	1 U	1 U	1.0 U	1.0 U	1.0 U
Carbon disulfide	60		0.22 J	1 U	1 U	1.0 U	1.0 U	1.0 U
Carbon tetrachloride	5		1 U	1 U	1 U	1.0 U	1.0 U	1.0 U
Chlorobenzene	5		1 U	1 U	1 U	1.0 U	1.0 U	1.0 U
Chloroethane	5		1 U	1 U	1 U	1.0 U	1.0 U	1.0 U
Chloroform	7		1 U	1 U	1 U	1.0 U	1.0 U	1.0 U
cis-1,2-Dichloroethene	5		1 U	1 U	1 U	1.0 U	1.0 U	1.0 U
cis-1,3-Dichloropropene	0.4		1 U	1 U	1 U	1.0 U	1.0 U	1.0 U
Dibromochloromethane	50		1 U	1 U	1 U	1.0 U	1.0 U	1.0 U
Ethylbenzene	5		1 U	1 U	1 U	1.0 U	1.0 U	1.0 U
Methyl chloride	5		1 U	1 U	1 U	1.0 U	1.0 U	1.0 U
Methyl ethyl ketone	50		10 U	10 U	10 U	10 U	10 U	10 U
Methylene chloride	5		1 U	1 U	1 U	1.0 U	1.0 U	1.0 U
Styrene	5		1 U	1 U	1 U	1.0 U	1.0 U	1.0 U
Tetrachloroethene	5		1 U	1 U	1 U	1.0 U	1.0 U	1.0 U
Toluene	5		1 U	1 U	1 U	1.0 U	1.0 U	1.0 U
trans-1,2-Dichloroethene	5		1 U	1 U	1 U	1.0 U	1.0 U	1.0 U
trans-1,3-Dichloropropene	0.4		1 U	1 U	1 U	1.0 U	1.0 U	1.0 U
Trichloroethene	5		1 U	1 U	1 U	1.0 U	1.0 U	1.0 U
Vinyl chloride	2		1 U	1 U	1 U	1.0 U	1.0 U	1.0 U
Xylenes, Total	5		2 U	2 U	2 U	2.0 U	2.0 U	2.0 U

NOTES:
U - not detected, J - estimated, D - Diluted Result, H - Holding time exceeded, R - unusable, NS - no standard, Dup - duplicate sample,
--- Not analyzed, F - MS and/or MSD recovery/RPD exceeds the control limits
[ ] - Exceeds NYS Class GA Ground Water Qaulity Standard
Trip Blank associated with samples collected on 10/29/07 contained Acetone and Methylene Chloride.
Data have not been validated

RAMBOLL

Table 4
Groundwater Data - VOCs
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW Stds (ug.l)	Location ID Depth Interval Sample Date Sample ID	MW-1D - 9/18/2018 MW1D 091818 ug/l	MW-1D - 11/27/2018 MW1D 112718 ug/l	MW-1D - 3/18/2019 MW1D 031819 ug/l	MW-1D - 6/20/2019 MW1D 062019 ug/l	MW-1D - 9/25/2019 MW1D 09252019 ug/l	MW-1D - 12/18/2019 MW1D 12182019 ug/l
1,1,1-Trichloroethane	5		1.0 U	1 U	1 U	1 U	1 U	1 U
1,1,2,2-Tetrachloroethane	5		1.0 U	1 U	1 U	1 U	1 U	1 U
1,1,2-Trichloroethane	1		1.0 U	1 U	1 U	1 U	1 U	1 U
1,1-Dichloroethane	5		1.0 U	1 U	1 U	1 U	1 U	1 U
1,1-Dichloroethene	5		1.0 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichloroethane	0.6		1.0 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichloroethene (Total)	5		---	---	---	---	---	---
1,2-Dichloropropane	1		1.0 U	1 U	1 U	1 U	1 U	1 U
2-Hexanone	50		5.0 U	5 U *	5 U	5 U	5 U	5 U
4-Methyl-2-pentanone	NS		5.0 U*	5 U	5 U	5 U	5 U	5 U
Acetone	50		10 U	10 U	10 U	10 U	10 U	10 U
Benzene	1		1.0 U	1 U	1 U	1 U	1 U	1 U
Bromodichloromethane	50		1.0 U	1 U	1 U	1 U	1 U	1 U
Bromoform	50		1.0 U	1 U	1 U	1 U	1 U	1 U
Bromomethane	5		1.0 U	1 U	1 U	1 U	1 U	1 U
Carbon disulfide	60		1.0 U	1 U	1 U	1 U	1 U	1 U
Carbon tetrachloride	5		1.0 U	1 U	1 U	1 U	1 U	1 U
Chlorobenzene	5		1.0 U	1 U	1 U	1 U	1 U	1 U
Chloroethane	5		1.0 U	1 U	1 U	1 U	1 U	1 U
Chloroform	7		1.0 U	1 U	1 U	1 U	1 U	1 U
cis-1,2-Dichloroethene	5		1.0 U	1 U	1 U	1 U	1 U	1 U
cis-1,3-Dichloropropene	0.4		1.0 U	1 U *	1 U	1 U	1 U	1 U
Dibromochloromethane	50		1.0 U	1 U	1 U	1 U	1 U	1 U
Ethylbenzene	5		1.0 U	1 U	1 U	1 U	1 U	1 U
Methyl chloride	5		1.0 U	1 U	1 U	1 U	0.47 J	1 U
Methyl ethyl ketone	50		10 U	10 U	10 U	10 U	10 U	10 U
Methylene chloride	5		1.0 U	1 U	1 U	1 U	1 U	1 U
Styrene	5		1.0 U	1 U	1 U	1 U	1 U	1 U
Tetrachloroethene	5		1.0 U	1 U	1 U	1 U*	1 U	1 U*
Toluene	5		1.0 U	1 U	1 U	1 U	0.79 J	1 U
trans-1,2-Dichloroethene	5		1.0 U	1 U	1 U	1 U	1 U	1 U
trans-1,3-Dichloropropene	0.4		1.0 U	1 U *	1 U	1 U	1 U	1 U
Trichloroethene	5		1.0 U	1 U	1 U	1 U	1 U	1 U
Vinyl chloride	2		1.0 U	1 U	1 U	1 U	1 U	1 U
Xylenes, Total	5		2.0 U	2 U	2 U	2 U	2 U	2 U

NOTES:
U - not detected, J - estimated, D - Diluted Result, H - Holding time exceeded, R - unusable, NS - no standard, Dup - duplicate sample,
--- Not analyzed, F - MS and/or MSD recovery/RPD exceeds the control limits
[ ] - Exceeds NYS Class GA Ground Water Qaulity Standard
Trip Blank associated with samples collected on 10/29/07 contained Acetone and Methylene Chloride.
Data have not been validated

RAMBOLL

Table 4
Groundwater Data - VOCs
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW Stds (ug.l)	Location ID Depth Interval Sample Date Sample ID	MW-01D - 3/17/2020 MW 1D 031720 ug/l	MW-01D - 6/16/2020 MW 1D 061620 ug/l	MW-01D - 6/16/2020 X-1 061620 ug/l	MW-01D - 9/22/2020 MW 1D 092220 ug/l	MW-01D - 12/15/2020 MW 1D 121520 ug/l	MW-01D 3/22/2021 MW-1D_032221 ug/l
1,1,1-Trichloroethane	5		1 U	1 U	1 U	1 U	1 U	1U
1,1,2,2-Tetrachloroethane	5		1 U	1 U	1 U	1 U	1 U	1U
1,1,2-Trichloroethane	1		1 U	1 U	1 U	1 U	1 U	1U
1,1-Dichloroethane	5		1 U	1 U	1 U	1 U	1 U	1U
1,1-Dichloroethene	5		1 U	1 U	1 U	1 U	1 U	1U
1,2-Dichloroethane	0.6		1 U	1 U	1 U	1 U	1 U	1U
1,2-Dichloroethene (Total)	5		---	---	---	---	---	---
1,2-Dichloropropane	1		1 U	1 U	1 U	1 U	1 U	1U
2-Hexanone	50		5 U	5 U	5 U	5 U	5 U	5U
4-Methyl-2-pentanone	NS		5 U	5 U	5 U	5 U	5 U	5U
Acetone	50		10 U	10 U	10 U	10 U	10 U	3.4 J
Benzene	1		1 U	1 U	1 U	1 U	1 U	1U
Bromodichloromethane	50		1 U	1 U	1 U	1 U	1 U	1U
Bromoform	50		1 U	1 U	1 U	1 U	1 U	1U
Bromomethane	5		1 U	1 U	1 U	1 U	1 U	1U
Carbon disulfide	60		1 U	1 U	1 U	1 U	1 U	1U
Carbon tetrachloride	5		1 U	1 U	1 U	1 U	1 U	1U
Chlorobenzene	5		1 U	1 U	1 U	1 U	1 U	1U
Chloroethane	5		1 U	1 U	1 U	1 U	1 U	1U
Chloroform	7		1 U	1 U	1 U	1 U	1 U	1U
cis-1,2-Dichloroethene	5		1 U	1 U	1 U	1 U	1 U	1U
cis-1,3-Dichloropropene	0.4		1 U	1 U	1 U	1 U	1 U	1U
Dibromochloromethane	50		1 U	1 U	1 U	1 U	1 U	1U
Ethylbenzene	5		1 U	1 U	1 U	1 U	1 U	1U
Methyl chloride	5		1 U	1 U	1 U	1 U	1 U	1U
Methyl ethyl ketone	50		10 U	10 U	10 U	10 U	10 U	1.7 J
Methylene chloride	5		1 U	1 U	1 U	1 U	1 U	1U
Styrene	5		1 U	1 U	1 U	1 U	1 U	1U
Tetrachloroethene	5		1 U	1 U	1 U	1 U	1 U	1U
Toluene	5		1 U	1 U	1 U	1 U	1 U	0.79 J
trans-1,2-Dichloroethene	5		1 U	1 U	1 U	1 U	1 U	1U
trans-1,3-Dichloropropene	0.4		1 U	1 U	1 U	1 U	1 U	1U
Trichloroethene	5		1 U	1 U	1 U	1 U	1 U	1U
Vinyl chloride	2		1 U	1 U	1 U	1 U	1 U	1U
Xylenes, Total	5		2 U	2 U	2 U	2 U	2 U	2U

NOTES:
U - not detected, J - estimated, D - Diluted Result, H - Holding time exceeded, R - unusable, NS - no standard, Dup - duplicate sample,
--- Not analyzed, F - MS and/or MSD recovery/RPD exceeds the control limits
[ ] - Exceeds NYS Class GA Ground Water Qaulity Standard
Trip Blank associated with samples collected on 10/29/07 contained Acetone and Methylene Chloride.
Data have not been validated

RAMBOLL

Table 4
Groundwater Data - VOCs
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW Stds (ug.l)	Location ID Depth Interval Sample Date Sample ID	MW-01D 6/14/2021 MW-1D_061421 ug/l	MW-01D - 9/21/2021 MW1D 092121 ug/l	MW-01D - 12/20/2021 MW1D 122021 ug/l	MW-01D - 3/21/2022 MW1D 032122 ug/l	MW-01D - 6/21/2022 MW-1D 062122 ug/l	MW-01D - 9/27/2022 MW1D 092722 ug/l	MW-01D --- 12/21/2022 MW1D122122 ug/l
1,1,1-Trichloroethane	5		1 U	1 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1,2,2-Tetrachloroethane	5		1 U	1 U	1.0 U	1.0 U	1.0 U	1.0 U *+	1.0 U
1,1,2-Trichloroethane	1		1 U	1 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1-Dichloroethane	5		1 U	1 U	1.0 U	1.0 U	1.0 U	1.0 U *+	1.0 U
1,1-Dichloroethene	5		1 U	1 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichloroethane	0.6		1 U	1 U	1.0 U	1.0 U	1.0 U	1.0 U *+	1.0 U
1,2-Dichloroethene (Total)	5		---	---	---	---	---	---	---
1,2-Dichloropropane	1		1 U	1 U	1.0 U	1.0 U	1.0 U	1.0 U *+	1.0 U
2-Hexanone	50		5 U	5 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U *+
4-Methyl-2-pentanone	NS		5 U	5 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U *+
Acetone	50		10 U	10 U	10 U	10 U	10 U	10 U	10 U
Benzene	1		1 U	1 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromodichloromethane	50		1 U	1 U	1.0 U	1.0 U	1.0 U	1.0 U *+	1.0 U
Bromoform	50		1 U	1 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromomethane	5		1 U	1 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Carbon disulfide	60		1 U	1 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Carbon tetrachloride	5		1 U	1 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chlorobenzene	5		1 U	1 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chloroethane	5		1 U	1 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chloroform	7		1 U	1 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
cis-1,2-Dichloroethene	5		1 U	1 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
cis-1,3-Dichloropropene	0.4		1 U	1 U	1.0 U	1.0 U	1.0 U	1.0 U *+	1.0 U
Dibromochloromethane	50		1 U	1 U	1.0 U	1.0 U	1.0 U	1.0 U *+	1.0 U
Ethylbenzene	5		1 U	1 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Methyl chloride	5		1 U	1 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Methyl ethyl ketone	50		10 U	10 U	10 U	10 U	10 U	10 U *+	10 U
Methylene chloride	5		1 U	1 U	1.0 U	1.0 U	1.0 U	1.0 U *+	1.0 U
Styrene	5		1 U	1 U	1.0 U	1.0 U	1.0 U	1.0 U *+	1.0 U
Tetrachloroethene	5		1 U	1 U	1.0 U	1.0 U	1.0 U	1.0 U *+	1.0 U
Toluene	5		1 U	1 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
trans-1,2-Dichloroethene	5		1 U	1 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
trans-1,3-Dichloropropene	0.4		1 U	1 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Trichloroethene	5		1 U	1 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Vinyl chloride	2		1 U	1 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Xylenes, Total	5		2 U	2 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U

NOTES:
U - not detected, J - estimated, D - Diluted Result, H - Holding time exceeded, R - unusable, NS - no standard, Dup - duplicate sample,
--- Not analyzed, F - MS and/or MSD recovery/RPD exceeds the control limits
[ ] - Exceeds NYS Class GA Ground Water Qaulity Standard
Trip Blank associated with samples collected on 10/29/07 contained Acetone and Methylene Chloride.
Data have not been validated

Table 4
Groundwater Data - VOCs
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW Stds (ug.l)		Location ID	MW-01S	MW-01S	MW-01S	MW-01S	MW-01S	MW-01S
			Depth Interva	-	-	-	-	-	-
			Sample Date	9/11/1995	11/13/1995	7/22/1997	9/15/1997	2/14/2000	8/13/2001
			Sample ID	MW-01S_WG_091195	MW-01S_WG_111395	MW-01S_WG_072297	MW-01S_WG_091597	MW-01S_WG_021400	MW-01S_WG_081301
				ug/l	ug/l	ug/l	ug/l	ug/l	ug/l
1,1,1-Trichloroethane	5			10 U	10 U	1 U	1 U	0.5 U	0.5 U
1,1,2,2-Tetrachloroethane	5			10 U	10 U	1 U	1 U	0.5 U	0.5 U
1,1,2-Trichloroethane	1			10 U	10 U	1 U	1 U	0.5 U	0.5 U
1,1-Dichloroethane	5			10 U	10 U	1 U	1 U	0.5 U	0.5 U
1,1-Dichloroethene	5			10 U	10 U	1 U	1 U	0.5 U	0.5 U
1,2-Dichloroethane	0.6			10 U	10 U	1 U	1 U	0.5 U	0.2 J
1,2-Dichloroethene (Total)	5			10 U	10 U	1 U	1 U	---	---
1,2-Dichloropropane	1			10 U	10 U	1 U	1 U	0.5 U	0.5 U
2-Hexanone	50			10 U	10 U	2 U	2 U	5 U	1 J
4-Methyl-2-pentanone	NS			10 U	10 U	2 U	2 U	5 U	5 U
Acetone	50			10 U	10 U	2 U	2 U	10 U	10 U
Benzene	1			10 U	10 U	1 U	1 U	0.5 U	0.5 U
Bromodichloromethane	50			10 U	10 U	1 U	1 U	0.5 U	0.5 U
Bromoform	50			10 U	10 U	1 U	1 U	0.5 U	0.5 U
Bromomethane	5			1	10 U	2 U	2 U	1 U	1 U
Carbon disulfide	60			10 U	10 U	1 U	1 U	0.5 U	0.5 U
Carbon tetrachloride	5			10 U	10 U	1 U	1 U	0.5 U	0.5 U
Chlorobenzene	5			10 U	10 U	1 U	1 U	0.5 U	0.5 U
Chloroethane	5			10 U	10 U	1 U	1 U	1 U	1 U
Chloroform	7			10 U	10 U	1 U	1 U	0.5 U	0.5 U
cis-1,2-Dichloroethene	5			---	---	---	---	0.5 U	0.5 U
cis-1,3-Dichloropropene	0.4			10 U	10 U	1 U	1 U	0.5 U	0.5 U
Dibromochloromethane	50			10 U	10 U	1 U	1 U	0.5 U	0.5 U
Ethylbenzene	5			10 U	10 U	1 U	1 U	0.5 U	0.5 U
Methyl chloride	5			10 U	10 U	1 U	1 U	1 U	0.3 J
Methyl ethyl ketone	50			10 U	10 U	4 U	4 U	10 U	5 J
Methylene chloride	5			12 U	10 U	1 U	1 U	2 U	2 J
Styrene	5			10 U	10 U	1 U	1 U	0.5 U	0.5 U
Tetrachloroethene	5			10 U	10 U	1 U	1 U	0.5 U	0.5 U
Toluene	5			10 U	10 U	1 U	1 U	0.5 U	0.5 U
trans-1,2-Dichloroethene	5			---	---	---	---	0.5 U	0.5 U
trans-1,3-Dichloropropene	0.4			10 U	10 U	1 U	1 U	0.5 U	0.5 U
Trichloroethene	5			10 U	10 U	1 U	1 U	0.5 U	0.5 U
Vinyl chloride	2			10 U	10 U	1 U	1 U	1 U	1 U
Xylenes, Total	5			10 U	10 U	1 U	1 U	0.5 U	0.5 U

NOTES:
U - not detected, J - estimated, D - Diluted Result, H - Holding time exceeded, R - unusable, NS - no standard, Dup - duplicate sample,
--- Not analyzed, F - MS and/or MSD recovery/RPD exceeds the control limits
[ ] - Exceeds NYS Class GA Ground Water Qaulity Standard
Trip Blank associated with samples collected on 10/29/07 contained Acetone and Methylene Chloride.
Data have not been validated

Table 4
Groundwater Data - VOCs
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW Stds (ug.l)	Location ID	MW-01S	MW-01S	MW-01S	MW-01S	MW-01S	MW-01S
		Depth Interva	-	-	-	-	-	-
		Sample Date	11/26/2001	11/26/2001	2/25/2002	5/13/2002	2/3/2004	5/18/2004
		Sample ID	MW-01S_WG_112601	V-01S_WG_112601_D	MW-01S_WG_022502	MW-01S_WG_051302	MW-01S_WG_020304	MW-01S_WG_051804
			ug/l	ug/l	ug/l	ug/l	ug/l	ug/l
1,1,1-Trichloroethane	5		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1,2,2-Tetrachloroethane	5		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1,2-Trichloroethane	1		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1-Dichloroethane	5		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1-Dichloroethene	5		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,2-Dichloroethane	0.6		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,2-Dichloroethene (Total)	5		---	---	---	---	---	---
1,2-Dichloropropane	1		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
2-Hexanone	50		5 U	5 U	5 U	5 U	5 U	5 U
4-Methyl-2-pentanone	NS		5 U	5 U	5 U	5 U	5 U	5 U
Acetone	50		10 U	10 U	10 U	10 U	10 U	1 J
Benzene	1		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Bromodichloromethane	50		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Bromoform	50		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Bromomethane	5		1 U	1 U	1 U	1 U	1 U	1 U
Carbon disulfide	60		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Carbon tetrachloride	5		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Chlorobenzene	5		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Chloroethane	5		1 U	1 U	1 U	1 U	1 U	1 U
Chloroform	7		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
cis-1,2-Dichloroethene	5		0.5 U	0.5 U	0.5 U	0.2 J	0.5 U	0.5 U
cis-1,3-Dichloropropene	0.4		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Dibromochloromethane	50		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Ethylbenzene	5		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Methyl chloride	5		1 U	1 U	1 U	1 U	1 U	1 U
Methyl ethyl ketone	50		10 U	10 U	10 U	10 U	10 U	10 U
Methylene chloride	5		2 U	2 U	2 U	2 U	2 U	2 U
Styrene	5		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Tetrachloroethene	5		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Toluene	5		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
trans-1,2-Dichloroethene	5		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
trans-1,3-Dichloropropene	0.4		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Trichloroethene	5		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Vinyl chloride	2		1 U	1 U	1 U	1 U	1 U	1 U
Xylenes, Total	5		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U

NOTES:
U - not detected, J - estimated, D - Diluted Result, H - Holding time exceeded, R - unusable, NS - no standard, Dup - duplicate sample,
--- Not analyzed, F - MS and/or MSD recovery/RPD exceeds the control limits
[ ] - Exceeds NYS Class GA Ground Water Qaulity Standard
Trip Blank associated with samples collected on 10/29/07 contained Acetone and Methylene Chloride.
Data have not been validated

Table 4
Groundwater Data - VOCs
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW Stds (ug.l)	Location ID	MW-01S	MW-01S	MW-01S	MW-01S	MW-01S	MW-01S
		Depth Interva	-	-	-	-	-	-
		Sample Date	8/5/2004	11/16/2004	2/16/2005	4/18/2005	9/7/2005	11/15/2005
		Sample ID	MW-01S_WG_080504	MW-01S_WG_111604	MW-01S_WG_021605	MW-01S_WG_041805	MW-1S_09072005	MW-1S_11152005
			ug/l	ug/l	ug/l	ug/l	ug/l	ug/l
1,1,1-Trichloroethane	5		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1,2,2-Tetrachloroethane	5		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1,2-Trichloroethane	1		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1-Dichloroethane	5		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1-Dichloroethene	5		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,2-Dichloroethane	0.6		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,2-Dichloroethene (Total)	5		---	---	---	---	---	---
1,2-Dichloropropane	1		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
2-Hexanone	50		5 U	5 U	5 U	5 U	5 U	5 U
4-Methyl-2-pentanone	NS		5 U	5 U	5 U	5 U	5 U	5 U
Acetone	50		1 J	10 U	3 J	10 U	2.28 J	10 U
Benzene	1		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Bromodichloromethane	50		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Bromoform	50		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Bromomethane	5		1 U	1 U	1 U	1 U	1 U	1 U
Carbon disulfide	60		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Carbon tetrachloride	5		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Chlorobenzene	5		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Chloroethane	5		1 U	1 U	1 U	1 U	1 U	1 U
Chloroform	7		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
cis-1,2-Dichloroethene	5		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
cis-1,3-Dichloropropene	0.4		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Dibromochloromethane	50		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Ethylbenzene	5		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Methyl chloride	5		1 U	1 U	1 U	1 U	1 U	1 U
Methyl ethyl ketone	50		10 U	10 U	10 U	10 U	10 U	10 U
Methylene chloride	5		2 U	2 U	2 U	2 U	2 U	2 U
Styrene	5		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Tetrachloroethene	5		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Toluene	5		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
trans-1,2-Dichloroethene	5		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
trans-1,3-Dichloropropene	0.4		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Trichloroethene	5		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Vinyl chloride	2		1 U	1 U	1 U	1 U	1 U	1 U
Xylenes, Total	5		0.5 U	0.5 U	0.5 U	0.5 U	1 U	1 U

NOTES:
U - not detected, J - estimated, D - Diluted Result, H - Holding time exceeded, R - unusable, NS - no standard, Dup - duplicate sample,
--- Not analyzed, F - MS and/or MSD recovery/RPD exceeds the control limits
[ ] - Exceeds NYS Class GA Ground Water Qaulity Standard
Trip Blank associated with samples collected on 10/29/07 contained Acetone and Methylene Chloride.
Data have not been validated

RAMBOLL

Table 4
Groundwater Data - VOCs
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW Stds (ug.l)	Location ID / Depth Interva / Sample Date / Sample ID	MW-01S - 4/26/2006 MW-1S_04262006 ug/l	MW-01S - 11/14/2006 MW-1S_11142006 ug/l	MW-01S - 05/01/2007 MW-1S_050107 ug/l	MW-01S - 10/29/2007 MW-1S-102907 ug/l	MW-01S - 5/21/2008 BLIND DUP ug/l	MW-01S - 5/21/2008 MW-1S-052108 ug/l
1,1,1-Trichloroethane	5		0.5 U	0.5	0.5 U	0.5 U	0.5 U	0.5 U
1,1,2,2-Tetrachloroethane	5		0.5 U	0.5	0.5 U	0.5 U	0.5 U	0.5 U
1,1,2-Trichloroethane	1		0.5 U	0.5	0.5 U	0.5 U	0.5 U	0.5 U
1,1-Dichloroethane	5		0.5 U	0.5	0.5 U	0.5 U	0.5 U	0.5 U
1,1-Dichloroethene	5		0.5 U	0.5	0.5 U	0.5 U	0.5 U	0.5 U
1,2-Dichloroethane	0.6		0.5 U	0.5	0.5 U	0.5 U	0.5 U	0.5 U
1,2-Dichloroethene (Total)	5		---	---	---	---	---	---
1,2-Dichloropropane	1		0.5 U	0.5	0.5 U	0.5 U	0.5 U	0.5 U
2-Hexanone	50		5 U	5	5 U	5 U	5 U	5 U
4-Methyl-2-pentanone	NS		5 U	5	5 U	5 U	5 U	5 U
Acetone	50		10 U	1.07 J	10 U	1.19 J	10 U	10 U
Benzene	1		0.5 U	0.5	0.5 U	0.5 U	0.5 U	0.5 U
Bromodichloromethane	50		0.5 U	0.5	0.5 U	0.5 U	0.5 U	0.5 U
Bromoform	50		0.5 U	0.5	0.5 U	0.5 U	1 U	1 U
Bromomethane	5		1 U	1	1 U	1 U	1 U	1 U
Carbon disulfide	60		0.5 U	0.5	0.5 U	0.5 U	0.5 U	0.5 U
Carbon tetrachloride	5		0.5 U	0.5	0.5 U	0.5 U	0.5 U	0.5 U
Chlorobenzene	5		0.5 U	0.5	0.5 U	0.5 U	0.5 U	0.5 U
Chloroethane	5		1 U	1	1 U	1 U	1 U	1 U
Chloroform	7		0.5 U	0.5	0.5 U	0.5 U	0.5 U	0.5 U
cis-1,2-Dichloroethene	5		0.5 U	0.5	0.5 U	0.5 U	0.5 U	0.5 U
cis-1,3-Dichloropropene	0.4		0.5 U	**[0.5]**	0.5 U	0.5 U	0.5 U	0.5 U
Dibromochloromethane	50		0.5 U	0.5	0.5 U	0.5 U	0.5 U	0.5 U
Ethylbenzene	5		0.5 U	0.5	0.5 U	0.5 U	0.5 U	0.5 U
Methyl chloride	5		1 U	1	1 U	1 U	1 U	1 U
Methyl ethyl ketone	50		10 U	10	10 U	10 U	10 U	10 U
Methylene chloride	5		0.12 J	2	2 U	0.11 J	2 U	2 U
Styrene	5		0.5 U	0.5	0.5 U	0.5 U	0.5 U	0.5 U
Tetrachloroethene	5		0.5 U	0.5	0.5 U	0.5 U	0.5 U	0.5 U
Toluene	5		0.5 U	0.5	0.5 U	0.5 U	0.5 U	0.5 U
trans-1,2-Dichloroethene	5		0.5 U	0.5	0.5 U	0.5 U	0.5 U	0.5 U
trans-1,3-Dichloropropene	0.4		0.5 U	**[0.5]**	0.5 U	0.5 U	0.5 U	0.5 U
Trichloroethene	5		0.5 U	0.5	0.5 U	0.5 U	0.5 U	0.5 U
Vinyl chloride	2		1 U	1	1 U	1 U	1 U	1 U
Xylenes, Total	5		1 U	1	1 U	1 U	1 U	1 U

NOTES:
U - not detected, J - estimated, D - Diluted Result, H - Holding time exceeded, R - unusable, NS - no standard, Dup - duplicate sample,
--- Not analyzed, F - MS and/or MSD recovery/RPD exceeds the control limits
[ ] - Exceeds NYS Class GA Ground Water Qaulity Standard
Trip Blank associated with samples collected on 10/29/07 contained Acetone and Methylene Chloride.
Data have not been validated

RAMBOLL

Table 4
Groundwater Data - VOCs
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW Stds (ug.l)	Location ID / Depth Interva / Sample Date / Sample ID	MW-01S - 11/18/2008 MW-1S ug/l	MW-01S - 10/19/2009 W-1S-101909101920(ug/l	MW-01S - 5/18/2010 W-1S-0518100518201 ug/l	MW-01S - 1/19/2011 MW-1S-01192011 ug/l	MW-01S - 4/18/2011 MW-1S-041811 ug/l	MW-01S - 7/26/2011 MW-1S072611 ug/l
1,1,1-Trichloroethane	5		0.5 U	1 U	1 U	1 U	1 U	1 U
1,1,2,2-Tetrachloroethane	5		0.5 U	1 U	1 U	1 U	1 U	1 U
1,1,2-Trichloroethane	1		0.5 U	1 U	1 U	1 U	1 U	1 U
1,1-Dichloroethane	5		0.5 U	1 U	1 U	1 U	1 U	1 U
1,1-Dichloroethene	5		0.5 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichloroethane	0.6		0.5 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichloroethene (Total)	5		---	---	---	---	---	---
1,2-Dichloropropane	1		0.5 U	1 U	1 U	1 U	1 U	1 U
2-Hexanone	50		5 U	5 U	5 U	5 U	5 U	5 U
4-Methyl-2-pentanone	NS		5 U	5 U	5 U	5 U	5 U	5 U
Acetone	50		10 U	5 U	5 U	10 U	10 U	10 U
Benzene	1		0.5 U	1 U	1 U	1 U	1 U	1 U
Bromodichloromethane	50		0.5 U	1 U	1 U	1 U	1 U	1 U
Bromoform	50		1 U	1 U	1 U	1 U	1 U	1 U
Bromomethane	5		1 U	1 U	1 U	1 U	1 U	1 U
Carbon disulfide	60		0.5 U	1 U	1 U	1 U	1 U	1 U
Carbon tetrachloride	5		0.5 U	1 U	1 U	1 U	1 U	1 U
Chlorobenzene	5		0.5 U	1 U	1 U	1 U	1 U	1 U
Chloroethane	5		1 U	1 U	1 U	1 U	1 U	1 U
Chloroform	7		0.5 U	1 U	1 U	1 U	1 U	1 U
cis-1,2-Dichloroethene	5		0.5 U	1 U	1 U	1 U	1 U	1 U
cis-1,3-Dichloropropene	0.4		0.5 U	1 U	1 U	1 U	1 U	1 U
Dibromochloromethane	50		0.5 U	1 U	1 U	1 U	1 U	1 U
Ethylbenzene	5		0.5 U	1 U	1 U	1 U	1 U	1 U
Methyl chloride	5		0.69 J	1 U	1 U	1 U	1 U	1 U
Methyl ethyl ketone	50		10 U	5 U	5 U	10 U	10 U	10 U
Methylene chloride	5		2 U	1 U	1 U	1 U	1 U	1 U
Styrene	5		0.5 U	1 U	1 U	1 U	1 U	1 U
Tetrachloroethene	5		0.5 U	1 U	1 U	1 U	1 U	1 U
Toluene	5		0.5 U	1.9	1 U	1 U	1 U	0.83 J
trans-1,2-Dichloroethene	5		0.5 U	1 U	1 U	1 U	1 U	1 U
trans-1,3-Dichloropropene	0.4		0.5 U	1 U	1 U	1 U	1 U	1 U
Trichloroethene	5		0.5 U	1 U	1 U	1 U	1 U	1 U
Vinyl chloride	2		1 U	1 U	1 U	1 U	1 U	1 U
Xylenes, Total	5		1 U	0.67 J	2 U	2 U	2 U	2 U

NOTES:
U - not detected, J - estimated, D - Diluted Result, H - Holding time exceeded, R - unusable, NS - no standard, Dup - duplicate sample,
--- Not analyzed, F - MS and/or MSD recovery/RPD exceeds the control limits
[ ] - Exceeds NYS Class GA Ground Water Qaulity Standard
Trip Blank associated with samples collected on 10/29/07 contained Acetone and Methylene Chloride.
Data have not been validated

RAMBOLL

Table 4
Groundwater Data - VOCs
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW Stds (ug.l)	Location ID / Depth Interva / Sample Date / Sample ID	MW-01S - 10/25/2011 MW1S102511 ug/l	MW-01S - 3/20/2012 MW1S032012 ug/l	MW-1S - 8/7/2012 MW1S080712 ug/l	MW-1S - 12/18/2012 MW-1S-121812 ug/l	MW-1S - 5/21/2013 MW-1S-052113 ug/l	MW-1S - 8/19/2013 MW-1S-081913 ug/l
1,1,1-Trichloroethane	5		1 U	1 U	1 U	1 U	1 U	1 U
1,1,2,2-Tetrachloroethane	5		1 U	1 U	1 U	1 U	1 U	1 U
1,1,2-Trichloroethane	1		1 U	1 U	1 U	1 U	1 U	1 U
1,1-Dichloroethane	5		1 U	1 U	1 U	1 U	1 U	1 U
1,1-Dichloroethene	5		1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichloroethane	0.6		1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichloroethene (Total)	5		---	---	---	---	---	---
1,2-Dichloropropane	1		1 U	1 U	1 U	1 U	1 U	1 U
2-Hexanone	50		5 U	5 U	5 U	5 U	5 U	5 U
4-Methyl-2-pentanone	NS		5 U	5 U	5 U	5 U	5 U	5 U
Acetone	50		10 U	10 U	10 U	10 U	10 U	10 U
Benzene	1		1 U	1 U	1 U	1 U	1 U	1 U
Bromodichloromethane	50		1 U	1 U	1 U	1 U	1 U	1 U
Bromoform	50		1 U	1 U	1 U	1 U	1 U	1 U
Bromomethane	5		1 U	1 U	1 U	1 U	1 U	1 U
Carbon disulfide	60		1 U	1 U	1 U	1 U	1 U	1 U
Carbon tetrachloride	5		1 U	1 U	1 U	1 U	1 U	1 U
Chlorobenzene	5		1 U	1 U	1 U	1 U	1 U	1 U
Chloroethane	5		1 U	1 U	1 U	1 U	1 U	1 U
Chloroform	7		1 U	1 U	1 U	1 U	1 U	1 U
cis-1,2-Dichloroethene	5		1 U	1 U	1 U	1 U	1 U	1 U
cis-1,3-Dichloropropene	0.4		1 U	1 U	1 U	1 U	1 U	1 U
Dibromochloromethane	50		1 U	1 U	1 U	1 U	1 U	1 U
Ethylbenzene	5		1 U	1 U	1 U	1 U	1 U	1 U
Methyl chloride	5		1 U	1 U	1 U	1 U	1 U	1 U
Methyl ethyl ketone	50		10 U	10 U	10 U	10 U	10 U	10 U
Methylene chloride	5		1 U	1 U	1 U	1 U	1 U	1 U
Styrene	5		1 U	1 U	1 U	1 U	1 U	1 U
Tetrachloroethene	5		1 U	1 U	1 U	1 U	1 U	1 U
Toluene	5		1 U	1 U	1 U	1 U	1 U	1 U
trans-1,2-Dichloroethene	5		1 U	1 U	1 U	1 U	1 U	1 U
trans-1,3-Dichloropropene	0.4		1 U	1 U	1 U	1 U	1 U	1 U
Trichloroethene	5		1 U	1 U	1 U	1 U	1 U	1 U
Vinyl chloride	2		1 U	1 U	1 U	1 U	1 U	1 U
Xylenes, Total	5		2 U	2 U	2 U	2 U	2 U	2 U

NOTES:
U - not detected, J - estimated, D - Diluted Result, H - Holding time exceeded, R - unusable, NS - no standard, Dup - duplicate sample,
--- Not analyzed, F - MS and/or MSD recovery/RPD exceeds the control limits
[ ] - Exceeds NYS Class GA Ground Water Qaulity Standard
Trip Blank associated with samples collected on 10/29/07 contained Acetone and Methylene Chloride.
Data have not been validated

RAMBOLL

Table 4
Groundwater Data - VOCs
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW Stds (ug.l)	Location ID / Depth Interva / Sample Date / Sample ID	MW-1S - 12/18/2013 MW-1S-121813 ug/l	MW-1S - 3/25/2014 MW-1S-032514 ug/l	MW-1S - 6/9/2014 MW-1S-060914 ug/l	MW-1S - 9/23/2014 MW1S092314 ug/l	MW-1S - 12/9/2014 MW 1S 120914 ug/l	MW-1S - 3/16/2015 MW1S 031615 ug/l
1,1,1-Trichloroethane	5		1 U	1 U	1 U	1 U	1 U*	1 U
1,1,2,2-Tetrachloroethane	5		1 U	1 U	1 U	1 U	1 U	1 U
1,1,2-Trichloroethane	1		1 U	1 U	1 U	1 U	1 U	1 U
1,1-Dichloroethane	5		1 U	1 U	1 U	1 U	1 U	1 U
1,1-Dichloroethene	5		1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichloroethane	0.6		1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichloroethene (Total)	5		---	---	---	---	---	---
1,2-Dichloropropane	1		1 U	1 U	1 U	1 U	1 U	1 U
2-Hexanone	50		5 U	5 U	5 U	5 U	5 U	5 U
4-Methyl-2-pentanone	NS		5 U	5 U	5 U	5 U	5 U	5 U
Acetone	50		10 U	10 U	10 U	10 U	10 U	10 U
Benzene	1		1 U	1 U	1 U	1 U	1 U	1 U
Bromodichloromethane	50		1 U	1 U	1 U	1 U	1 U	1 U
Bromoform	50		1 U	1 U	1 U	1 U	1 U*	1 U
Bromomethane	5		1 U	1 U	1 U	1 U	1 U	1 U
Carbon disulfide	60		1 U	1 U	1 U	1 U	1 U	1 U
Carbon tetrachloride	5		1 U	1 U	1 U	1 U	1 U	1 U
Chlorobenzene	5		1 U	1 U	1 U	1 U	1 U	1 U
Chloroethane	5		1 U	1 U	1 U	1 U	1 U	1 U
Chloroform	7		1 U	1 U	1 U	1 U	1 U	1 U
cis-1,2-Dichloroethene	5		1 U	1 U	1 U	1 U	1 U	1 U
cis-1,3-Dichloropropene	0.4		1 U	1 U	1 U	1 U	1 U	1 U
Dibromochloromethane	50		1 U *	1 U	1 U	1 U	1 U*	1 U
Ethylbenzene	5		1 U	1 U	1 U	1 U	1 U	1 U
Methyl chloride	5		1 U	1 U	1 U	1 U	1 U	1 U
Methyl ethyl ketone	50		10 U	10 U	10 U	10 U	10 U	10 U
Methylene chloride	5		1 U	1 U	0.56 JB	1 U	1 U	1 U
Styrene	5		1 U	1 U	1 U	1 U	1 U	1 U
Tetrachloroethene	5		1 U	1 U	1 U	1 U	1 U	1 U
Toluene	5		1 U	1 U	1 U	1 U	1 U	1 U
trans-1,2-Dichloroethene	5		1 U	1 U	1 U	1 U	1 U	1 U
trans-1,3-Dichloropropene	0.4		1 U	1 U	1 U	1 U	1 U	1 U
Trichloroethene	5		1 U	1 U	1 U	1 U	1 U	1 U
Vinyl chloride	2		1 U	1 U	1 U	1 U	1 U	1 U
Xylenes, Total	5		2 U	2 U	2 U	2 U	2 U	2 U

NOTES:
U - not detected, J - estimated, D - Diluted Result, H - Holding time exceeded, R - unusable, NS - no standard, Dup - duplicate sample,
--- Not analyzed, F - MS and/or MSD recovery/RPD exceeds the control limits
[ ] - Exceeds NYS Class GA Ground Water Qaulity Standard
Trip Blank associated with samples collected on 10/29/07 contained Acetone and Methylene Chloride.
Data have not been validated

RAMBOLL

Table 4
Groundwater Data - VOCs
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW Stds (ug.l)	Location ID Depth Interva Sample Date Sample ID	MW-1S - 6/23/2015 MW1S 062315 ug/l	MW-1S - 9/21/2015 MW1S 092115 ug/l	X-1 - 9/21/2015 MW1S 092115 ug/l	MW-1S - 1/12/2016 MW1S 011216 ug/l	MW-1S - 3/28/2016 MW1S 032816 ug/l	MW-1S - 6/21/2016 MW1S 062116 ug/l
1,1,1-Trichloroethane	5		1 U	1 U	1 U	1 U	1 U	1 U
1,1,2,2-Tetrachloroethane	5		1 U	1 U	1 U	1 U	1 U	1 U
1,1,2-Trichloroethane	1		1 U	1 U	1 U	1 U	1 U	1 U
1,1-Dichloroethane	5		1 U	1 U	1 U	1 U	1 U	1 U
1,1-Dichloroethene	5		1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichloroethane	0.6		1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichloroethene (Total)	5		---	---	---	---	----	---
1,2-Dichloropropane	1		1 U	1 U	1 U	1 U	1 U	1 U
2-Hexanone	50		5 U	5 U	5 U	5 U	5 U	5 U
4-Methyl-2-pentanone	NS		5 U	5 U	5 U	5 U	5 U	5 U
Acetone	50		10 U	10 U	10 U	10 U *	10 U	10 U
Benzene	1		1 U	1 U	1 U	1 U	1 U	1 U
Bromodichloromethane	50		1 U	1 U	1 U	1 U	1 U	1 U
Bromoform	50		1 U	1 U	1 U	1 U	1 U	1 U
Bromomethane	5		1 U	1 U	1 U	1 U	1 U	1 U
Carbon disulfide	60		1 U	1 U	1 U	1 U	1 U	1 U
Carbon tetrachloride	5		1 U	1 U	1 U	1 U	1 U*	1 U
Chlorobenzene	5		1 U	1 U	1 U	1 U	1 U	1 U
Chloroethane	5		1 U	1 U	1 U	1 U	1 U	1 U
Chloroform	7		1 U	1 U	1 U	1 U	1 U	1 U
cis-1,2-Dichloroethene	5		1 U	1 U	1 U	1 U	1 U	1 U
cis-1,3-Dichloropropene	0.4		1 U	1 U	1 U	1 U	1 U	1 U
Dibromochloromethane	50		1 U	1 U	1 U	1 U	1 U	1 U
Ethylbenzene	5		1 U	1 U	1 U	1 U	1 U	1 U
Methyl chloride	5		1 U	1 U	1 U	1 U	1 U	1 U
Methyl ethyl ketone	50		10 U	10 U	10 U	10 U	10 U	10 U
Methylene chloride	5		1 U	1 U	1 U	1 U	1 U	1 U
Styrene	5		1 U	1 U	1 U	1 U	1 U	1 U
Tetrachloroethene	5		1 U	1 U	1 U	1 U	1 U	1 U
Toluene	5		1 U	1 U	1 U	1 U	1 U	1 U
trans-1,2-Dichloroethene	5		1 U	1 U	1 U	1 U	1 U	1 U
trans-1,3-Dichloropropene	0.4		1 U	1 U	1 U	1 U	1 U*	1 U
Trichloroethene	5		1 U	1 U	1 U	1 U	1 U	1 U
Vinyl chloride	2		1 U	1 U	1 U	1 U	1 U	1 U
Xylenes, Total	5		2 U	2 U	2 U	2 U	2 U	2 U

NOTES:
U - not detected, J - estimated, D - Diluted Result, H - Holding time exceeded, R - unusable, NS - no standard, Dup - duplicate sample,
--- Not analyzed, F - MS and/or MSD recovery/RPD exceeds the control limits
[ ] - Exceeds NYS Class GA Ground Water Qaulity Standard
Trip Blank associated with samples collected on 10/29/07 contained Acetone and Methylene Chloride.
Data have not been validated

Table 4
Groundwater Data - VOCs
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW Stds (ug.l)	Location ID / Depth Interva / Sample Date / Sample ID	X-1 / - / 6/21/2016 / MW1S 062116 ug/l	MW-1S / - / 9/20/2016 / MW1S 092016 ug/l	MW-1S / - / 12/20/2016 / MW1S 122016 ug/l	MW-1S / - / 4/11/2017 / MW1S 04112017 ug/l	X-1 / - / 4/11/2017 / MW1S 04112017 ug/l	MW-1S / - / 6/28/2017 / MW1S 062817 ug/l
1,1,1-Trichloroethane	5		1 U	1 U	1 U	1 U	1 U	1 U
1,1,2,2-Tetrachloroethane	5		1 U	1 U	1 U	1 U	1 U	1 U
1,1,2-Trichloroethane	1		1 U	1 U	1 U	1 U	1 U	1 U
1,1-Dichloroethane	5		1 U	1 U	1 U	1 U	1 U	1 U
1,1-Dichloroethene	5		1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichloroethane	0.6		1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichloroethene (Total)	5		---	---	---	---	---	---
1,2-Dichloropropane	1		1 U	1 U	1 U	1 U	1 U	1 U
2-Hexanone	50		5 U	5 U	5 U	5 U	5 U	5 U
4-Methyl-2-pentanone	NS		5 U	5 U	5 U	5 U	5 U	5 U
Acetone	50		10 U	10 U	10 U	10 U	10 U	10 U
Benzene	1		1 U	1 U	1 U	1 U	1 U	1 U
Bromodichloromethane	50		1 U	1 U	1 U	1 U	1 U	1 U
Bromoform	50		1 U	1 U	1 U	1 U	1 U	1 U
Bromomethane	5		1 U	1 U	1 U	1 U	1 U	1 U
Carbon disulfide	60		1 U	1 U	1 U	1 U	1 U	1 U
Carbon tetrachloride	5		1 U	1 U	1 U	1 U	1 U	1 U
Chlorobenzene	5		1 U	1 U	1 U	1 U	1 U	1 U
Chloroethane	5		1 U	1 U	1 U	1 U	1 U	1 U
Chloroform	7		1 U	1 U	1 U	1 U	1 U	1 U
cis-1,2-Dichloroethene	5		1 U	1 U	1 U	1 U	1 U	1 U
cis-1,3-Dichloropropene	0.4		1 U	1 U	1 U	1 U	1 U	1 U
Dibromochloromethane	50		1 U	1 U	1 U	1 U	1 U	1 U
Ethylbenzene	5		1 U	1 U	1 U	1 U	1 U	1 U
Methyl chloride	5		1 U	1 U	1 U	1 U	1 U	1 U
Methyl ethyl ketone	50		10 U	10 U	10 U	10 U	10 U	10 U
Methylene chloride	5		1 U	1 U	1 U	1 U	1 U	1 U
Styrene	5		1 U	1 U	1 U	1 U	1 U	1 U
Tetrachloroethene	5		1 U	1 U	1 U	1 U	1 U	1 U
Toluene	5		1 U	1 U	1 U	1 U	1 U	1 U
trans-1,2-Dichloroethene	5		1 U	1 U	1 U	1 U	1 U	1 U
trans-1,3-Dichloropropene	0.4		1 U	1 U	1 U	1 U	1 U	1 U
Trichloroethene	5		1 U	1 U	1 U	1 U	1 U	1 U
Vinyl chloride	2		1 U	1 U	1 U	1 U	1 U	1 U
Xylenes, Total	5		2 U	2 U	2 U	2 U	2 U	2 U

NOTES:
U - not detected, J - estimated, D - Diluted Result, H - Holding time exceeded, R - unusable, NS - no standard, Dup - duplicate sample,
--- Not analyzed, F - MS and/or MSD recovery/RPD exceeds the control limits
[ ] - Exceeds NYS Class GA Ground Water Qaulity Standard
Trip Blank associated with samples collected on 10/29/07 contained Acetone and Methylene Chloride.
Data have not been validated

RAMBOLL

Table 4
Groundwater Data - VOCs
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW Stds (ug.l)	Location ID / Depth Interva / Sample Date / Sample ID	MW-1S - 9/12/2017 MW1S 091217 ug/l	MW-1S - 12/19/2017 MW1S 121917 ug/l	MW-01S - 3/13/2018 MW 1S 031318 ug/l	MW-1S - 6/19/2018 MW1S 061918 ug/l	MW-1S - 9/18/2018 MW1S 091818 ug/l	MW-1S - 11/27/2018 MW-1S-112718 ug/l
1,1,1-Trichloroethane	5		1 U	1.0 U	1.0 U	1.0 U	1.0 U	2 U
1,1,2,2-Tetrachloroethane	5		1 U	1.0 U	1.0 U	1.0 U	1.0 U	2 U
1,1,2-Trichloroethane	1		1 U	1.0 U	1.0 U	1.0 U	1.0 U	2 U
1,1-Dichloroethane	5		1 U	1.0 U	1.0 U	1.0 U	1.0 U	2 U
1,1-Dichloroethene	5		1 U	1.0 U	1.0 U	1.0 U	1.0 U	2 U
1,2-Dichloroethane	0.6		1 U	1.0 U	1.0 U	1.0 U	1.0 U	2 U
1,2-Dichloroethene (Total)	5		---	---	---	---	---	---
1,2-Dichloropropane	1		1 U	1.0 U	1.0 U	1.0 U	1.0 U	2 U
2-Hexanone	50		5 U	5.0 U	5.0 U	5.0 U	5.0 U	10 U *
4-Methyl-2-pentanone	NS		5 U	5.0 U	5.0 U	5.0 U	5.0 U*	10 U
Acetone	50		10 U	10 U	10 U	10 U	10 U	20 U
Benzene	1		1 U	1.0 U	1.0 U	1.0 U	1.0 U	2 U
Bromodichloromethane	50		1 U	1.0 U	1.0 U	1.0 U	1.0 U	2 U
Bromoform	50		1 U	1.0 U	1.0 U	1.0 U	1.0 U	2 U
Bromomethane	5		1 U	1.0 U	1.0 U	1.0 U	1.0 U	2 U
Carbon disulfide	60		1 U	1.0 U	1.0 U	1.0 U	1.0 U	2 U
Carbon tetrachloride	5		1 U	1.0 U	1.0 U	1.0 U	1.0 U	2 U
Chlorobenzene	5		1 U	1.0 U	1.0 U	1.0 U	1.0 U	2 U
Chloroethane	5		1 U	1.0 U	1.0 U	1.0 U	1.0 U	2 U
Chloroform	7		1 U	1.0 U	1.0 U	1.0 U	1.0 U	2 U
cis-1,2-Dichloroethene	5		1 U	1.0 U	1.0 U	1.0 U	1.0 U	2 U
cis-1,3-Dichloropropene	0.4		1 U	1.0 U	1.0 U	1.0 U	1.0 U	2 U *
Dibromochloromethane	50		1 U	1.0 U	1.0 U	1.0 U	1.0 U	2 U
Ethylbenzene	5		1 U	1.0 U	1.0 U	1.0 U	1.0 U	2 U
Methyl chloride	5		1 U	1.0 U	1.0 U	1.0 U	1.0 U	2 U
Methyl ethyl ketone	50		10 U	10 U	10 U	10 U	10 U	20 U
Methylene chloride	5		1 U	1.0 U	1.0 U	1.0 U	0.44 J	0.94 J
Styrene	5		1 U	1.0 U	1.0 U	1.0 U	1.0 U	2 U
Tetrachloroethene	5		1 U	1.0 U	1.0 U	1.0 U	1.0 U	2 U
Toluene	5		1 U	1.0 U	1.0 U	1.0 U	1.0 U	2 U
trans-1,2-Dichloroethene	5		1 U	1.0 U	1.0 U	1.0 U	1.0 U	2 U
trans-1,3-Dichloropropene	0.4		1 U	1.0 U	1.0 U	1.0 U	1.0 U	2 U *
Trichloroethene	5		1 U	1.0 U	1.0 U	1.0 U	1.0 U	2 U
Vinyl chloride	2		1 U	1.0 U	1.0 U	1.0 U	1.0 U	2 U
Xylenes, Total	5		2 U	2.0 U	2.0 U	2.0 U	2.0 U	4 U

NOTES:
U - not detected, J - estimated, D - Diluted Result, H - Holding time exceeded, R - unusable, NS - no standard, Dup - duplicate sample,
--- Not analyzed, F - MS and/or MSD recovery/RPD exceeds the control limits
[ ] - Exceeds NYS Class GA Ground Water Qaulity Standard
Trip Blank associated with samples collected on 10/29/07 contained Acetone and Methylene Chloride.
Data have not been validated

RAMBOLL

Table 4
Groundwater Data - VOCs
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW Stds (ug.l)	Location ID / Depth Interva / Sample Date / Sample ID	MW-1S - 3/18/2019 MW-1S-031819 ug/l	MW-1S - 6/20/2109 MW-1S-062019 ug/l	MW-1S - 9/24/2019 MW-1S-092419 ug/l	MW-1S - 12/18/2019 MW-1S-121819 ug/l	MW-01S - 3/17/2020 MW 1S 031720 ug/l	MW-01S -- 6/16/2020 MW1S 061620 µg/L
1,1,1-Trichloroethane	5		2 U	1 U	2 U	1 U	1.0 U	1 U
1,1,2,2-Tetrachloroethane	5		2 U	1 U	2 U	1 U	1.0 U	1 U
1,1,2-Trichloroethane	1		2 U	1 U	2 U	1 U	1.0 U	1 U
1,1-Dichloroethane	5		2 U	1 U	2 U	1 U	1.0 U	1 U
1,1-Dichloroethene	5		2 U	1 U	2 U	1 U	1.0 U	1 U
1,2-Dichloroethane	0.6		2 U	1 U	2 U	1 U	1.0 U	1 U
1,2-Dichloroethene (Total)	5		---	---	---	---	---	---
1,2-Dichloropropane	1		2 U	1 U	2 U	1 U	1.0 U	1 U
2-Hexanone	50		10 U	5 U	10 U	5 U	5.0 U	5 U
4-Methyl-2-pentanone	NS		10 U	5 U	10 U	5 U	5.0 U	5 U
Acetone	50		20 U	10 U	20 U	10 U	10 U	10 U
Benzene	1		2 U	1 U	2 U	1 U	1.0 U	1 U
Bromodichloromethane	50		2 U	1 U	2 U	1 U	1.0 U	1 U
Bromoform	50		2 U	1 U	2 U	1 U	1.0 U	1 U
Bromomethane	5		2 U	1 U	2 U	1 U	1.0 U	1 U
Carbon disulfide	60		2 U	1 U	2 U	1 U	1.0 U	1 U
Carbon tetrachloride	5		2 U	1 U	2 U	1 U	1.0 U	1 U
Chlorobenzene	5		2 U	1 U	2 U	1 U	1.0 U	1 U
Chloroethane	5		2 U	1 U	2 U	1 U	1.0 U	1 U
Chloroform	7		2 U	1 U	2 U	1 U	1.0 U	1 U
cis-1,2-Dichloroethene	5		2 U	1 U	2 U	1 U	1.0 U	1 U
cis-1,3-Dichloropropene	0.4		2 U	1 U	2 U	1 U	1.0 U	1 U
Dibromochloromethane	50		2 U	1 U	2 U	1 U	1.0 U	1 U
Ethylbenzene	5		2 U	1 U	2 U	1 U	1.0 U	1 U
Methyl chloride	5		2 U	1 U	2 U	1 U	1.0 U	1 U
Methyl ethyl ketone	50		20 U	10 U	20 U	10 U	10 U	10 U
Methylene chloride	5		2 U	1 U	2 U	1 U	1.0 U	1 U
Styrene	5		2 U	1 U	2 U	1 U	1.0 U	1 U
Tetrachloroethene	5		2 U	1 U	2 U	1 U	1.0 U	1 U
Toluene	5		2 U	1 U	2 U	1 U	1.0 U	1 U
trans-1,2-Dichloroethene	5		2 U	1 U	2 U	1 U	1.0 U	1 U
trans-1,3-Dichloropropene	0.4		2 U	1 U	2 U	1 U	1.0 U	1 U
Trichloroethene	5		2 U	1 U	2 U	1 U	1.0 U	1 U
Vinyl chloride	2		2 U	1 U	2 U	1 U	1.0 U	1 U
Xylenes, Total	5		4 U	2 U	4 U	2 U	2.0 U	2 U

NOTES:
U - not detected, J - estimated, D - Diluted Result, H - Holding time exceeded, R - unusable, NS - no standard, Dup - duplicate sample,
--- Not analyzed, F - MS and/or MSD recovery/RPD exceeds the control limits
[ ] - Exceeds NYS Class GA Ground Water Qaulity Standard
Trip Blank associated with samples collected on 10/29/07 contained Acetone and Methylene Chloride.
Data have not been validated

RAMBOLL

Table 4
Groundwater Data - VOCs
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW Stds (ug.l)	Location ID / Depth Interva / Sample Date / Sample ID	MW-01S -- 9/22/2020 MW1S 092220 µg/L	MW-01S -- 12/15/2020 MW1S 121520 µg/L	MW-01S 3/23/2021 MW-1S_032321 ug/l	MW-01S 3/23/2021 X-1_032321 ug/l	MW-01S 6/14/2021 MW-1S_061421 ug/l	MW-01S - 9/21/2021 MW1S 092121 ug/l
1,1,1-Trichloroethane	5		1 U	1 U	1U	1U	1U	2 U
1,1,2,2-Tetrachloroethane	5		1 U	1 U	1U	1U	1U	2 U
1,1,2-Trichloroethane	1		1 U	1 U	1U	1U	1U	2 U
1,1-Dichloroethane	5		1 U	1 U	1U	1U	1U	2 U
1,1-Dichloroethene	5		1 U	1 U	1U	1U	1U	2 U
1,2-Dichloroethane	0.6		1 U	1 U	1U	1U	1U	2 U
1,2-Dichloroethene (Total)	5		---	---	---	---	---	---
1,2-Dichloropropane	1		1 U	1 U	1U	1U	1U	2 U
2-Hexanone	50		5 U	5 U	5U	5U	5U	10 U
4-Methyl-2-pentanone	NS		5 U	5 U	5U	5U	5U	10 U
Acetone	50		10 U	10 U	3.0 J	10U	10 U	20 U
Benzene	1		1 U	1 U	1U	1U	1U	2 U
Bromodichloromethane	50		1 U	1 U	1U	1U	1U	2 U
Bromoform	50		1 U	1 U	1U	1U	1U	2 U
Bromomethane	5		1 U	1 U	1U	1U	1U	2 U
Carbon disulfide	60		1 U	1 U	1U	1U	1U	2 U
Carbon tetrachloride	5		1 U	1 U	1U	1U	1U	2 U
Chlorobenzene	5		1 U	1 U	1U	1U	1U	2 U
Chloroethane	5		1 U	1 U	1U	1U	1U	2 U
Chloroform	7		1 U	1 U	1U	1U	1U	2 U
cis-1,2-Dichloroethene	5		1 U	1 U	1U	1U	1U	2 U
cis-1,3-Dichloropropene	0.4		1 U	1 U	1U	1U	1U	2 U
Dibromochloromethane	50		1 U	1 U	1U	1U	1U	2 U
Ethylbenzene	5		1 U	1 U	1U	1U	1U	2 U
Methyl chloride	5		1 U	1 U	1U	1U	1U	2 U
Methyl ethyl ketone	50		10 U	10 U	2.1 J	10U	10 U	20 U
Methylene chloride	5		1 U	1 U	1U	1U	1U	2 U
Styrene	5		1 U	1 U	1U	1U	1U	2 U
Tetrachloroethene	5		1 U	1 U	1U	1U	1U	2 U
Toluene	5		1 U	1 U	0.56 J	1U	1 U	2 U
trans-1,2-Dichloroethene	5		1 U	1 U	1U	1U	1U	2 U
trans-1,3-Dichloropropene	0.4		1 U	1 U	1U	1U	1U	2 U
Trichloroethene	5		1 U	1 U	1U	1U	1U	2 U
Vinyl chloride	2		1 U	1 U	1U	1U	1U	2 U
Xylenes, Total	5		2 U	2 U	2U	2U	2U	4 U

NOTES:
U - not detected, J - estimated, D - Diluted Result, H - Holding time exceeded, R - unusable, NS - no standard, Dup - duplicate sample,
--- Not analyzed, F - MS and/or MSD recovery/RPD exceeds the control limits
[ ] - Exceeds NYS Class GA Ground Water Qaulity Standard
Trip Blank associated with samples collected on 10/29/07 contained Acetone and Methylene Chloride.
Data have not been validated

Table 4
Groundwater Data - VOCs
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW Stds (ug.l)	Location ID Depth Interva Sample Date Sample ID	MW-01S - 12/20/2021 MW1S 122021 ug/l	MW-01S - 3/21/2022 MW1S 032122 ug/l	MW-01S - 6/21/2022 MW-1S 062122 ug/l	MW-01S - 9/27/2022 MW1S 092722 ug/l	MW-01S --- 12/21/2022 MW1S122122 ug/l
1,1,1-Trichloroethane	5		2.0 U	1.0 U	1.0 U	2.0 U	1.0 U
1,1,2,2-Tetrachloroethane	5		2.0 U	1.0 U	1.0 U	2.0 U *+	1.0 U
1,1,2-Trichloroethane	1		2.0 U	1.0 U	1.0 U	2.0 U	1.0 U
1,1-Dichloroethane	5		2.0 U	1.0 U	1.0 U	2.0 U *+	1.0 U
1,1-Dichloroethene	5		2.0 U	1.0 U	1.0 U	2.0 U	1.0 U
1,2-Dichloroethane	0.6		2.0 U	1.0 U	1.0 U	2.0 U *+	1.0 U
1,2-Dichloroethene (Total)	5		---	---	---	---	---
1,2-Dichloropropane	1		2.0 U	1.0 U	1.0 U	2.0 U *+	1.0 U
2-Hexanone	50		10 U	5.0 U	5.0 U	10 U	5.0 U *+
4-Methyl-2-pentanone	NS		10 U	5.0 U	5.0 U	10 U	5.0 U *+
Acetone	50		20 U	10 U	10 U	< 20 U	10 U
Benzene	1		2.0 U	1.0 U	1.0 U	2.0 U	1.0 U
Bromodichloromethane	50		2.0 U	1.0 U	1.0 U	2.0 U *+	1.0 U
Bromoform	50		2.0 U	1.0 U	1.0 U	2.0 U	1.0 U
Bromomethane	5		2.0 U	1.0 U	1.0 U	2.0 U	1.0 U
Carbon disulfide	60		2.0 U	1.0 U	1.0 U	2.0 U	1.0 U
Carbon tetrachloride	5		2.0 U	1.0 U	1.0 U	2.0 U	1.0 U
Chlorobenzene	5		2.0 U	1.0 U	1.0 U	2.0 U	1.0 U
Chloroethane	5		2.0 U	1.0 U	1.0 U	2.0 U	1.0 U
Chloroform	7		2.0 U	1.0 U	1.0 U	2.0 U	1.0 U
cis-1,2-Dichloroethene	5		2.0 U	1.0 U	1.0 U	2.0 U	1.0 U
cis-1,3-Dichloropropene	0.4		2.0 U	1.0 U	1.0 U	2.0 U *+	1.0 U
Dibromochloromethane	50		2.0 U	1.0 U	1.0 U	2.0 U *+	1.0 U
Ethylbenzene	5		2.0 U	1.0 U	1.0 U	2.0 U	1.0 U
Methyl chloride	5		2.0 U	1.0 U	1.0 U	2.0 U	1.0 U
Methyl ethyl ketone	50		20 U	10 U	10 U	< 20 U *+	10 U
Methylene chloride	5		2.0 U	1.0 U	1.0 U	2.0 U *+	1.0 U
Styrene	5		2.0 U	1.0 U	1.0 U	2.0 U *+	1.0 U
Tetrachloroethene	5		2.0 U	1.0 U	1.0 U	2.0 U *+	1.0 U
Toluene	5		2.0 U	1.0 U	1.0 U	2.0 U	1.0 U
trans-1,2-Dichloroethene	5		2.0 U	1.0 U	1.0 U	2.0 U	1.0 U
trans-1,3-Dichloropropene	0.4		2.0 U	1.0 U	1.0 U	2.0 U	1.0 U
Trichloroethene	5		2.0 U	1.0 U	1.0 U	2.0 U	1.0 U
Vinyl chloride	2		2.0 U	1.0 U	1.0 U	2.0 U	1.0 U
Xylenes, Total	5		4.0 U	2.0 U	2.0 U	4.0 U	2.0 U

NOTES:
U - not detected, J - estimated, D - Diluted Result, H - Holding time exceeded, R - unusable, NS - no standard, Dup - duplicate sample,
--- Not analyzed, F - MS and/or MSD recovery/RPD exceeds the control limits
[ ] - Exceeds NYS Class GA Ground Water Qaulity Standard
Trip Blank associated with samples collected on 10/29/07 contained Acetone and Methylene Chloride.
Data have not been validated

RAMBOLL

Table 4
Groundwater Data - VOCs
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW Stds (ug.l)		Location ID	MW-04D	MW-04D	MW-04D	MW-04D	MW-04D	MW-04D
			Depth Interva	-	-	-	-	-	-
			Sample Date	9/14/1995	11/13/1995	7/24/1997	7/24/1997	9/17/1997	2/17/2000
			Sample ID	MW-04D_WG_091495	MW-04D_WG_111395	MW-04D_WG_072497	V-04D_WG_072497_D	MW-04D_WG_091797	MW-04D_WG_021700
				ug/l	ug/l	ug/l	ug/l	ug/l	ug/l
1,1,1-Trichloroethane	5			10 U	10 U	1 U	1 U	0.3	**[11]**
1,1,2,2-Tetrachloroethane	5			10 U	10 U	1 U	1 U	1 U	0.5 U
1,1,2-Trichloroethane	1			10 U	10 U	1 U	1 U	1 U	0.5 U
1,1-Dichloroethane	5			3	2	3.2	3.4	3.5	**[30]**
1,1-Dichloroethene	5			10 U	10 U	1 U	1 U	1 U	0.7
1,2-Dichloroethane	0.6			10 U	10 U	1 U	1 U	1 U	0.2 J
1,2-Dichloroethene (Total)	5			10 U	10 U	1.1	1.4	1.5	---
1,2-Dichloropropane	1			10 U	10 U	1 U	1 U	1 U	0.5 U
2-Hexanone	50			10 U	10 U	2 U	2 U	2 U	5 U
4-Methyl-2-pentanone	NS			10 U	10 U	2 U	2 U	2 U	5 U
Acetone	50			10 U	10 U	2 U	2 U	2 U	10 U
Benzene	1			10 U	10 U	1 U	1 U	1 U	0.5 U
Bromodichloromethane	50			10 U	10 U	1 U	1 U	1 U	0.5 U
Bromoform	50			10 U	10 U	1 U	1 U	1 U	0.5 U
Bromomethane	5			10 U	10 U	2 U	2 U	2 U	1 U
Carbon disulfide	60			10 U	10 U	1 U	1 U	1 U	0.5 U
Carbon tetrachloride	5			10 U	10 U	1 U	1 U	1 U	0.5 U
Chlorobenzene	5			10 U	10 U	1 U	1 U	1 U	0.5 U
Chloroethane	5			10 U	10 U	1 U	1 U	1 U	0.5 J
Chloroform	7			10 U	10 U	1 U	1 U	1 U	0.5 U
cis-1,2-Dichloroethene	5			---	---	---	---	---	**[11]**
cis-1,3-Dichloropropene	0.4			10 U	10 U	1 U	1 U	1 U	0.5 U
Dibromochloromethane	50			10 U	10 U	1 U	1 U	1 U	0.5 U
Ethylbenzene	5			10 U	10 U	1 U	1 U	1 U	0.5 U
Methyl chloride	5			10 U	10 U	1 U	1 U	1 U	0.2 J
Methyl ethyl ketone	50			10 U	10 U	4 U	4 U	4 U	10 U
Methylene chloride	5			10 U	10 U	1 U	1 U	1 U	2 U
Styrene	5			10 U	10 U	1 U	1 U	1 U	0.5 U
Tetrachloroethene	5			10 U	10 U	1 U	1 U	1 U	0.5 U
Toluene	5			10 U	10 U	1 U	1 U	1 U	0.5 U
trans-1,2-Dichloroethene	5			---	---	---	---	---	0.9
trans-1,3-Dichloropropene	0.4			10 U	10 U	1 U	1 U	1 U	0.5 U
Trichloroethene	5			10 U	10 U	1 U	1 U	1 U	0.4 J
Vinyl chloride	2			10 U	10 U	**[2.4]**	**[2.6]**	**[3.1]**	**[20]**
Xylenes, Total	5			10 U	10 U	1 U	1 U	1 U	0.5 U

NOTES:
U - not detected, J - estimated, D - Diluted Result, H - Holding time exceeded, R - unusable, NS - no standard, Dup - duplicate sample,
--- Not analyzed, F - MS and/or MSD recovery/RPD exceeds the control limits
[ ] - Exceeds NYS Class GA Ground Water Qaulity Standard
Trip Blank associated with samples collected on 10/29/07 contained Acetone and Methylene Chloride.
Data have not been validated

RAMBOLL

Table 4
Groundwater Data - VOCs
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW Stds (ug.l)		Location ID	MW-04D	MW-04D	MW-04D	MW-04D	MW-04D	MW-04D
			Depth Interva	-	-	-	-	-	-
			Sample Date	8/15/2001	11/29/2001	2/28/2002	5/14/2002	7/30/2003	2/5/2004
			Sample ID	MW-04D_WG_081501	MW-04D_WG_112901	MW-04D_WG_022802	MW-04D_WG_051402	MW-04D_WG_073003	MW-04D_WG_020504
				ug/l	ug/l	ug/l	ug/l	ug/l	ug/l
1,1,1-Trichloroethane	5			0.6	2	2	2	0.5 U	0.5 U
1,1,2,2-Tetrachloroethane	5			0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1,2-Trichloroethane	1			0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1-Dichloroethane	5			4	**[14]**	**[18]**	**[19]**	0.8	0.5
1,1-Dichloroethene	5			0.5 U	0.2 J	0.2 J	0.2 J	0.5 U	0.5 U
1,2-Dichloroethane	0.6			0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,2-Dichloroethene (Total)	5			---	---	---	---	---	---
1,2-Dichloropropane	1			0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
2-Hexanone	50			5 U	5 U	5 U	5 U	5 U	5 U
4-Methyl-2-pentanone	NS			5 U	5 U	5 U	5 U	5 U	5 U
Acetone	50			10 U	10 U	10 U	10 U	1 J	10 U
Benzene	1			0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Bromodichloromethane	50			0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Bromoform	50			0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Bromomethane	5			1 U	1 U	1 U	1 U	1 U	1 U
Carbon disulfide	60			0.5 U	0.1 J	0.5 U	0.5 U	0.5 U	0.5 U
Carbon tetrachloride	5			0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Chlorobenzene	5			0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Chloroethane	5			1 U	0.4 J	0.5 J	0.5 J	1 U	1 U
Chloroform	7			0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
cis-1,2-Dichloroethene	5			0.8	2	3	3	0.9	0.8
cis-1,3-Dichloropropene	0.4			0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Dibromochloromethane	50			0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Ethylbenzene	5			0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Methyl chloride	5			1 U	1 U	1 U	1 U	1 U	1 U
Methyl ethyl ketone	50			10 U	10 U	10 U	10 U	10 U	10 U
Methylene chloride	5			2 U	2 U	2 U	2 U	2 U	2 U
Styrene	5			0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Tetrachloroethene	5			0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Toluene	5			0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
trans-1,2-Dichloroethene	5			0.5 U	0.3 J	0.3 J	0.3 J	0.5 U	0.5 U
trans-1,3-Dichloropropene	0.4			0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Trichloroethene	5			0.5 U	0.1 J	0.1 J	0.1 J	0.5 U	0.5 U
Vinyl chloride	2			1	**[5]**	**[6]**	**[7]**	1	0.8 J
Xylenes, Total	5			0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U

NOTES:
U - not detected, J - estimated, D - Diluted Result, H - Holding time exceeded, R - unusable, NS - no standard, Dup - duplicate sample,
--- Not analyzed, F - MS and/or MSD recovery/RPD exceeds the control limits
[ ] - Exceeds NYS Class GA Ground Water Qaulity Standard
Trip Blank associated with samples collected on 10/29/07 contained Acetone and Methylene Chloride.
Data have not been validated

Table 4
Groundwater Data - VOCs
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW Stds (ug.l)		Location ID	MW-04D	MW-04D	MW-04D	MW-04D	MW-04D	MW-04D
			Depth Interva	-	-	-	-	-	-
			Sample Date	5/19/2004	8/5/2004	11/17/2004	2/15/2005	4/20/2005	9/7/2005
			Sample ID	MW-04D_WG_051904	MW-04D_WG_080504	MW-04D_WG_111704	MW-04D_WG_021505	MW-04D_WG_042005	MW-4D_09072005
				ug/l	ug/l	ug/l	ug/l	ug/l	ug/l
1,1,1-Trichloroethane	5			0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1,2,2-Tetrachloroethane	5			0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1,2-Trichloroethane	1			0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1-Dichloroethane	5			0.3 J	0.3 J	0.3 J	0.3 J	0.2 J	0.23 J
1,1-Dichloroethene	5			0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,2-Dichloroethane	0.6			0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,2-Dichloroethene (Total)	5			---	---	---	---	---	---
1,2-Dichloropropane	1			0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
2-Hexanone	50			5 U	5 U	5 U	5 U	5 U	5 U
4-Methyl-2-pentanone	NS			5 U	5 U	5 U	5 U	5 U	5 U
Acetone	50			10 U	2 J	10 U	3 J	10 U	1.44 J
Benzene	1			0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Bromodichloromethane	50			0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Bromoform	50			0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Bromomethane	5			1 U	1 U	1 U	1 U	1 U	1 U
Carbon disulfide	60			0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Carbon tetrachloride	5			0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Chlorobenzene	5			0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Chloroethane	5			1 U	1 U	1 U	1 U	1 U	1 U
Chloroform	7			0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
cis-1,2-Dichloroethene	5			0.4 J	0.3 J	0.4 J	0.5 J	0.2 J	0.31 J
cis-1,3-Dichloropropene	0.4			0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Dibromochloromethane	50			0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Ethylbenzene	5			0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Methyl chloride	5			1 U	1 U	1 U	1 U	1 U	1 U
Methyl ethyl ketone	50			10 U	10 U	10 U	10 U	10 U	10 U
Methylene chloride	5			2 U	2 U	2 U	2 U	2 U	2 U
Styrene	5			0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Tetrachloroethene	5			0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Toluene	5			0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
trans-1,2-Dichloroethene	5			0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
trans-1,3-Dichloropropene	0.4			0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Trichloroethene	5			0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Vinyl chloride	2			0.6 J	0.4 J	0.4 J	0.5 J	0.2 J	1 U
Xylenes, Total	5			0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U

NOTES:
U - not detected, J - estimated, D - Diluted Result, H - Holding time exceeded, R - unusable, NS - no standard, Dup - duplicate sample,
--- Not analyzed, F - MS and/or MSD recovery/RPD exceeds the control limits
[ ] - Exceeds NYS Class GA Ground Water Qaulity Standard
Trip Blank associated with samples collected on 10/29/07 contained Acetone and Methylene Chloride.
Data have not been validated

RAMBOLL

Table 4
Groundwater Data - VOCs
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW Stds (ug.l)	Location ID / Depth Interva / Sample Date / Sample ID	MW-04D - 11/16/2005 MW-4D_11162005 ug/l	MW-04D - 4/27/2006 MW-4D_04272006 ug/l	MW-04D - 11/15/2006 MW-4D_11152006 ug/l	MW-04D - 5/3/2007 MW-4D_050307 ug/l	MW-04D - 10/31/2007 MW 4-D-103107 ug/l	MW-04D - 5/23/2008 MW-4D-052208 ug/l
1,1,1-Trichloroethane	5		0.5 U	0.5 U	0.5	0.5 U	0.5 HU	0.5 U
1,1,2,2-Tetrachloroethane	5		0.5 U	0.5 U	0.5	0.5 U	0.5 HU	0.5 U
1,1,2-Trichloroethane	1		0.5 U	0.5 U	0.5	0.5 U	0.5 HU	0.5 U
1,1-Dichloroethane	5		0.34 J	0.21 J	0.5	0.11 J	0.5 HU	0.5 U
1,1-Dichloroethene	5		0.5 U	0.5 U	0.5	0.5 U	0.5 HU	0.5 U
1,2-Dichloroethane	0.6		0.5 U	0.5 U	0.5	0.5 U	0.5 HU	0.5 U
1,2-Dichloroethene (Total)	5		---	---	---	---	---	---
1,2-Dichloropropane	1		0.5 U	0.5 U	0.5	0.5 U	0.5 HU	0.5 U
2-Hexanone	50		5 U	5 U	5	5 U	5 HU	5 U
4-Methyl-2-pentanone	NS		5 U	5 U	5	5 U	5 HU	5 U
Acetone	50		10 U	1.18 J	10	10 U	10 HU	10 U
Benzene	1		0.5 U	0.5 U	0.5	0.5 U	0.5 HU	0.5 U
Bromodichloromethane	50		0.5 U	0.5 U	0.5	0.5 U	0.5 HU	0.5 U
Bromoform	50		0.5 U	0.5 U	0.5	0.5 U	0.5 HU	1 U
Bromomethane	5		1 U	1 U	1	1 U	1 HU	1 U
Carbon disulfide	60		0.5 U	0.14 J	0.5	0.5 U	0.5 HU	0.5 U
Carbon tetrachloride	5		0.5 U	0.5 U	0.5	0.5 U	0.5 HU	0.5 U
Chlorobenzene	5		0.5 U	0.5 U	0.5	0.5 U	0.5 HU	0.5 U
Chloroethane	5		1 U	1 U	1	1 U	1 HU	1 U
Chloroform	7		0.5 U	0.5 U	0.5	0.5 U	0.5 HU	0.5 U
cis-1,2-Dichloroethene	5		0.42 J	0.58	0.5	0.13 J	0.16 JH	0.5 U
cis-1,3-Dichloropropene	0.4		0.5 U	0.5 U	**[0.5]**	0.5 U	0.5 HU	0.5 U
Dibromochloromethane	50		0.5 U	0.5 U	0.5	0.5 U	0.5 HU	0.5 U
Ethylbenzene	5		0.5 U	0.5 U	0.5	0.5 U	0.5 HU	0.5 U
Methyl chloride	5		1 U	1 U	1	1 U	1 HU	1 U
Methyl ethyl ketone	50		10 U	10 U	10	10 U	10 HU	10 U
Methylene chloride	5		2 U	2 U	2	2 U	2 HU	2 U
Styrene	5		0.5 U	0.5 U	0.5	0.5 U	0.5 HU	0.5 U
Tetrachloroethene	5		0.5 U	0.5 U	0.5	0.5 U	0.5 HU	0.5 U
Toluene	5		0.5 U	0.5 U	0.5	0.5 U	0.5 HU	0.5 U
trans-1,2-Dichloroethene	5		0.5 U	0.5 U	0.5	0.5 U	0.5 HU	0.5 U
trans-1,3-Dichloropropene	0.4		0.5 U	0.5 U	**[0.5]**	0.5 U	0.5 HU	0.5 U
Trichloroethene	5		0.5 U	0.18 J	0.5	0.5 U	0.5 HU	0.5 U
Vinyl chloride	2		0.46 J	0.12 J	1	1 U	1 HU	1 U
Xylenes, Total	5		1 U	1 U	1	1 U	1 HU	1 U

NOTES:
U - not detected, J - estimated, D - Diluted Result, H - Holding time exceeded, R - unusable, NS - no standard, Dup - duplicate sample,
--- Not analyzed, F - MS and/or MSD recovery/RPD exceeds the control limits
[ ] - Exceeds NYS Class GA Ground Water Qaulity Standard
Trip Blank associated with samples collected on 10/29/07 contained Acetone and Methylene Chloride.
Data have not been validated

RAMBOLL

Table 4
Groundwater Data - VOCs
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW Stds (ug.l)	Location ID / Depth Interva / Sample Date / Sample ID	MW-04D - 11/19/2008 MW-4D ug/l	MW-04D - 10/21/2009 W-4D-102109102120 ug/l	MW-04D - 5/19/2010 W-4D-051910051920 ug/l	MW-04D - 1/20/2011 MW-4D-01202011 ug/l	MW-04D - 4/21/2011 MW-4D-042111 ug/l	MW-04D - 7/28/2011 MW-4D 072811 ug/l
1,1,1-Trichloroethane	5		0.5 U	1 U	1 U	1 U	1 U	1 U
1,1,2,2-Tetrachloroethane	5		0.5 U	1 U	1 U	1 U	1 U	1 U
1,1,2-Trichloroethane	1		0.5 U	1 U	1 U	1 U	1 U	1 U
1,1-Dichloroethane	5		0.5 U	1 U	1 U	1 U	1 U	1 U
1,1-Dichloroethene	5		0.5 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichloroethane	0.6		0.5 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichloroethene (Total)	5		---	---	---	---	---	---
1,2-Dichloropropane	1		0.5 U	1 U	1 U	1 U	1 U	1 U
2-Hexanone	50		5 U	5 U	5 U	5 U	5 U	5 U
4-Methyl-2-pentanone	NS		5 U	5 U	5 U	5 U	5 U	5 U
Acetone	50		10 U	5 U	5 U	10 U	10 U	10 U
Benzene	1		0.5 U	1 U	1 U	1 U	1 U	1 U
Bromodichloromethane	50		0.5 U	1 U	1 U	1 U	1 U	1 U
Bromoform	50		1 U	1 U	1 U	1 U	1 U	1 U
Bromomethane	5		1 U	1 U	1 U	1 U	1 U	1 U
Carbon disulfide	60		0.5 U	1 U	1 U	1 U	1 U	1 U
Carbon tetrachloride	5		0.5 U	1 U	1 U	1 U	1 U	1 U
Chlorobenzene	5		0.5 U	1 U	1 U	1 U	1 U	1 U
Chloroethane	5		1 U	1 U	1 U	1 U	1 U	1 U
Chloroform	7		0.5 U	1 U	1 U	1 U	1 U	1 U
cis-1,2-Dichloroethene	5		0.12 J	1 U	1 U	1 U	1 U	1 U
cis-1,3-Dichloropropene	0.4		0.5 U	1 U	1 U	1 U	1 U	1 U
Dibromochloromethane	50		0.5 U	1 U	1 U	1 U	1 U	1 U
Ethylbenzene	5		0.5 U	1 U	1 U	1 U	1 U	1 U
Methyl chloride	5		1 U	1 U	1 U	1 U	1 U	1 U
Methyl ethyl ketone	50		10 U	5 U	5 U	10 U	10 U	10 U
Methylene chloride	5		2 U	1 U	1 U	1 U	1 U	1 U
Styrene	5		0.5 U	1 U	1 U	1 U	1 U	1 U
Tetrachloroethene	5		0.5 U	1 U	1 U	1 U	1 U	1 U
Toluene	5		0.5 U	1.9	1 U	1 U	1 U	1 U
trans-1,2-Dichloroethene	5		0.5 U	1 U	1 U	1 U	1 U	1 U
trans-1,3-Dichloropropene	0.4		0.5 U	1 U	1 U	1 U	1 U	1 U
Trichloroethene	5		0.5 U	1 U	1 U	1 U	1 U	1 U
Vinyl chloride	2		1 U	1 U	1 U	1 U	1 U	1 U
Xylenes, Total	5		1 U	0.67 J	2 U	2 U	2 U	2 U

NOTES:
U - not detected, J - estimated, D - Diluted Result, H - Holding time exceeded, R - unusable, NS - no standard, Dup - duplicate sample,
--- Not analyzed, F - MS and/or MSD recovery/RPD exceeds the control limits
[ ] - Exceeds NYS Class GA Ground Water Qaulity Standard
Trip Blank associated with samples collected on 10/29/07 contained Acetone and Methylene Chloride.
Data have not been validated

RAMBOLL

Table 4
Groundwater Data - VOCs
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW Stds (ug.l)	Location ID Depth Interva Sample Date Sample ID	MW-04D 10/26/2011 MW4D102611 ug/l	MW-04D - 3/22/2012 MW4D032212 ug/l	MW-4D 8/9/2012 MW4D080912 ug/l	MW-4D - 12/20/2012 MW-4D-122012 ug/l	MW-4D - 5/22/2013 MW-4D-052213 ug/l	MW-4D - 8/21/2013 MW-4D-082113 ug/l
1,1,1-Trichloroethane	5		1 U	1 U	1 U	1 U	1 U	1 U
1,1,2,2-Tetrachloroethane	5		1 U	1 U	1 U	1 U	1 U	1 U
1,1,2-Trichloroethane	1		1 U	1 U	1 U	1 U	1 U	1 U
1,1-Dichloroethane	5		1 U	1 U	1 U	1 U	1 U	1 U
1,1-Dichloroethene	5		1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichloroethane	0.6		1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichloroethene (Total)	5		---	---	---	---	---	---
1,2-Dichloropropane	1		1 U	1 U	1 U	1 U	1 U	1 U
2-Hexanone	50		5 U	5 U	5 U	5 U	5 U	5 U
4-Methyl-2-pentanone	NS		5 U	5 U	5 U	5 U	5 U	5 U
Acetone	50		10 U	10 U	10 U	10 U	10 U	10 U
Benzene	1		1 U	1 U	1 U	1 U	1 U	1 U
Bromodichloromethane	50		1 U	1 U	1 U	1 U	1 U	1 U
Bromoform	50		1 U	1 U	1 U	1 U	1 U	1 U
Bromomethane	5		1 U	1 U	1 U	1 U	1 U	1 U
Carbon disulfide	60		1 U	1 U	1 U	1 U	1 U	1 U
Carbon tetrachloride	5		1 U	1 U	1 U	1 U	1 U	1 U
Chlorobenzene	5		1 U	1 U	1 U	1 U	1 U	1 U
Chloroethane	5		1 U	1 U	1 U	1 U	1 U	1 U
Chloroform	7		1 U	1 U	1 U	1 U	1 U	1 U
cis-1,2-Dichloroethene	5		1 U	1 U	1 U	1 U	1 U	1 U
cis-1,3-Dichloropropene	0.4		1 U	1 U	1 U	1 U	1 U	1 U
Dibromochloromethane	50		1 U	1 U	1 U	1 U	1 U	1 U
Ethylbenzene	5		1 U	1 U	1 U	1 U	1 U	1 U
Methyl chloride	5		1 U	1 U	1 U	1 U	1 U	1 U
Methyl ethyl ketone	50		10 U	10 U	10 U	10 U	10 U	10 U
Methylene chloride	5		1 U	1 U	1 U	1 U	1 U	1 U
Styrene	5		1 U	1 U	1 U	1 U	1 U	1 U
Tetrachloroethene	5		1 U	1 U	1 U	1 U	1 U	1 U
Toluene	5		1 U	1 U	1 U	1 U	1 U	1 U
trans-1,2-Dichloroethene	5		1 U	1 U	1 U	1 U	1 U	1 U
trans-1,3-Dichloropropene	0.4		1 U	1 U	1 U	1 U	1 U	1 U
Trichloroethene	5		1 U	1 U	1 U	1 U	1 U	1 U
Vinyl chloride	2		1 U	1 U	1 U	1 U	1 U	1 U
Xylenes, Total	5		2 U	2 U	2 U	2 U	2 U	2 U

NOTES:
U - not detected, J - estimated, D - Diluted Result, H - Holding time exceeded, R - unusable, NS - no standard, Dup - duplicate sample,
--- Not analyzed, F - MS and/or MSD recovery/RPD exceeds the control limits
[ ] - Exceeds NYS Class GA Ground Water Qaulity Standard
Trip Blank associated with samples collected on 10/29/07 contained Acetone and Methylene Chloride.
Data have not been validated

Table 4
Groundwater Data - VOCs
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW Stds (ug.l)	Location ID / Depth Interva / Sample Date / Sample ID	MW-4D - 12/19/2013 MW-4D-121913 ug/l	MW-4D - 3/27/2014 MW-4D-032714 ug/l	MW-4D - 6/10/2014 MW-4D-061014 ug/l	MW-4D - 9/25/2014 MW 4D 092514 ug/l	MW-4D - 12/9/2014 MW 4D 120914 ug/l	MW-4D - 3/17/2015 MW4D 031715 ug/l
1,1,1-Trichloroethane	5		1 U	1 U	1 U	1 U	1 U*	1 U
1,1,2,2-Tetrachloroethane	5		1 U	1 U	1 U	1 U	1 U	1 U
1,1,2-Trichloroethane	1		1 U	1 U	1 U	1 U	1 U	1 U
1,1-Dichloroethane	5		1 U	1 U	1 U	1 U	1 U	1 U
1,1-Dichloroethene	5		1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichloroethane	0.6		1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichloroethene (Total)	5		---	---	---	---	---	---
1,2-Dichloropropane	1		1 U	1 U	1 U	1 U	1 U	1 U
2-Hexanone	50		5 U	5 U*	5 U	5 U	5 U	5 U
4-Methyl-2-pentanone	NS		5 U	5 U	5 U	5 U	5 U	5 U
Acetone	50		10 U	10 U	10 U	10 U	10 U	10 U
Benzene	1		1 U	1 U	1 U	1 U	1 U	1 U
Bromodichloromethane	50		1 U	1 U	1 U	1 U	1 U	1 U
Bromoform	50		1 U	1 U	1 U	1 U	1 U*	1 U
Bromomethane	5		1 U	1 U	1 U	1 U	1 U	1 U
Carbon disulfide	60		1 U	1 U	1 U	1 U	1 U	1 U
Carbon tetrachloride	5		1 U	1 U	1 U	1 U	1 U	1 U
Chlorobenzene	5		1 U	1 U	1 U	1 U	1 U	1 U
Chloroethane	5		1 U	1 U	1 U	1 U	1 U	1 U
Chloroform	7		1 U	1 U	1 U	1 U	1 U	1 U
cis-1,2-Dichloroethene	5		1 U	1 U	1 U	1 U	1 U	1 U
cis-1,3-Dichloropropene	0.4		1 U	1 U	1 U	1 U	1 U	1 U
Dibromochloromethane	50		1 U	1 U	1 U	1 U	1 U*	1 U
Ethylbenzene	5		1 U	1 U	1 U	1 U	1 U	1 U
Methyl chloride	5		1 U	1 U	1 U	1 U	1 U	1 U
Methyl ethyl ketone	50		10 U	10 U*	10 U	10 U	10 U	10 U
Methylene chloride	5		1 U	1 U	1 U	1 U	1 U	1 U
Styrene	5		1 U	1 U	1 U	1 U	1 U	1 U
Tetrachloroethene	5		1 U	1 U	1 U	1 U	1 U	1 U
Toluene	5		1 U	1 U	1 U	1 U	1 U	1 U
trans-1,2-Dichloroethene	5		1 U	1 U	1 U	1 U	1 U	1 U
trans-1,3-Dichloropropene	0.4		1 U	1 U	1 U	1 U	1 U	1 U
Trichloroethene	5		1 U	1 U	1 U	1 U	1 U	1 U
Vinyl chloride	2		1 U	1 U	1 U	1 U	1 U	1 U
Xylenes, Total	5		2 U	2 U	2 U	2 U	2 U	2 U

NOTES:
U - not detected, J - estimated, D - Diluted Result, H - Holding time exceeded, R - unusable, NS - no standard, Dup - duplicate sample,
--- Not analyzed, F - MS and/or MSD recovery/RPD exceeds the control limits
[ ] - Exceeds NYS Class GA Ground Water Qaulity Standard
Trip Blank associated with samples collected on 10/29/07 contained Acetone and Methylene Chloride.
Data have not been validated

Table 4
Groundwater Data - VOCs
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW Stds (ug.l)	Location ID Depth Interva Sample Date Sample ID	MW-4D - 6/23/2015 MW4D 062315 ug/l	MW-4D - 9/22/2015 MW4D 092215 ug/l	MW-4D - 1/12/2016 MW4D 011216 ug/l	MW-4D - 3/30/2016 MW-4D-033016 ug/l	MW-4D - 6/21/2016 MW-4D-062116 ug/l	MW-4D - 9/20/2016 MW-4D-092016 ug/l
1,1,1-Trichloroethane	5		1 U	1 U	1 U	1 U	1 U	1 U
1,1,2,2-Tetrachloroethane	5		1 U	1 U	1 U	1 U	1 U	1 U
1,1,2-Trichloroethane	1		1 U	1 U	1 U	1 U	1 U	1 U
1,1-Dichloroethane	5		1 U	1 U	1 U	1 U	1 U	1 U
1,1-Dichloroethene	5		1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichloroethane	0.6		1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichloroethene (Total)	5		---	---	---	----	---	---
1,2-Dichloropropane	1		1 U	1 U	1 U	1 U	1 U	1 U
2-Hexanone	50		5 U	5 U	5 U	5 U	5 U	5 U
4-Methyl-2-pentanone	NS		5 U	5 U	5 U	5 U	5 U	5 U
Acetone	50		10 U	10 U	10 U *	10 U*	10 U	10 U
Benzene	1		1 U	1 U	1 U	1 U	1 U	1 U
Bromodichloromethane	50		1 U	1 U	1 U	1 U	1 U	1 U
Bromoform	50		1 U	1 U	1 U	1 U	1 U	1 U
Bromomethane	5		1 U	1 U	1 U	1 U	1 U	1 U
Carbon disulfide	60		1 U	1 U	1 U	1 U	1 U	1 U
Carbon tetrachloride	5		1 U	1 U	1 U	1 U	1 U	1 U
Chlorobenzene	5		1 U	1 U	1 U	1 U	1 U	1 U
Chloroethane	5		1 U	1 U	1 U	1 U	1 U	1 U
Chloroform	7		1 U	1 U	1 U	1 U	1 U	1 U
cis-1,2-Dichloroethene	5		1 U	1 U	1 U	1 U	1 U	1 U
cis-1,3-Dichloropropene	0.4		1 U	1 U	1 U	1 U	1 U	1 U
Dibromochloromethane	50		1 U	1 U	1 U	1 U	1 U	1 U
Ethylbenzene	5		1 U	1 U	1 U	1 U	1 U	1 U
Methyl chloride	5		1 U	1 U	1 U	1 U	1 U	1 U
Methyl ethyl ketone	50		10 U	10 U	10 U	10 U	10 U	10 U
Methylene chloride	5		1 U	1 U	1 U	1 U	1 U	1 U
Styrene	5		1 U	1 U	1 U	1 U	1 U	1 U
Tetrachloroethene	5		1 U	1 U	1 U	1 U	1 U	1 U
Toluene	5		1 U	1 U	1 U	1 U	1 U	1 U
trans-1,2-Dichloroethene	5		1 U	1 U	1 U	1 U	1 U	1 U
trans-1,3-Dichloropropene	0.4		1 U	1 U	1 U	1 U	1 U	1 U
Trichloroethene	5		1 U	1 U	1 U	1 U	1 U	1 U
Vinyl chloride	2		1 U	1 U	1 U	1 U	1 U	1 U
Xylenes, Total	5		2 U	2 U	2 U	2 U	2 U	2 U

NOTES:
U - not detected, J - estimated, D - Diluted Result, H - Holding time exceeded, R - unusable, NS - no standard, Dup - duplicate sample,
--- Not analyzed, F - MS and/or MSD recovery/RPD exceeds the control limits
[ ] - Exceeds NYS Class GA Ground Water Qaulity Standard
Trip Blank associated with samples collected on 10/29/07 contained Acetone and Methylene Chloride.
Data have not been validated

RAMBOLL

Table 4
Groundwater Data - VOCs
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW Stds (ug.l)	Location ID / Depth Interva / Sample Date / Sample ID	MW-4D - 12/21/2016 MW-4D-122116 ug/l	MW-4D - 4/13/2017 MW-4D-041317 ug/l	MW-4D - 6/28/2017 MW-4D-062817 ug/l	MW-4D - 9/14/2017 MW-4D-091417 ug/l	MW-4D - 12/21/2017 MW-4D-122117 ug/l	MW-04D - 3/15/2018 MW 4D 031518 ug/l
1,1,1-Trichloroethane	5		1 U	1 U	1 U	1 U	1 U	1.0 U
1,1,2,2-Tetrachloroethane	5		1 U	1 U	1 U	1 U	1 U	1.0 U
1,1,2-Trichloroethane	1		1 U	1 U	1 U	1 U	1 U	1.0 U
1,1-Dichloroethane	5		1 U	1 U	1 U	1 U	1 U	1.0 U
1,1-Dichloroethene	5		1 U	1 U	1 U	1 U	1 U	1.0 U
1,2-Dichloroethane	0.6		1 U	1 U	1 U	1 U	1 U	1.0 U
1,2-Dichloroethene (Total)	5		---	---	---	---	---	---
1,2-Dichloropropane	1		1 U	1 U	1 U	1 U	1 U	1.0 U
2-Hexanone	50		5 U	5 U	5 U	5 U	5 U	5.0 U
4-Methyl-2-pentanone	NS		5 U	5 U	5 U	5 U	5 U	5.0 U
Acetone	50		10 U	10 U	10 U	10 U	10 U	10 U
Benzene	1		1 U	1 U	1 U	1 U	1 U	1.0 U
Bromodichloromethane	50		1 U	1 U	1 U	1 U	1 U	1.0 U
Bromoform	50		1 U	1 U	1 U	1 U	1 U	1.0 U
Bromomethane	5		1 U	1 U	1 U	1 U	1 U	1.0 U
Carbon disulfide	60		1 U	1 U	1 U	1 U	1 U	1.0 U
Carbon tetrachloride	5		1 U	1 U	1 U	1 U	1 U	1.0 U
Chlorobenzene	5		1 U	1 U	1 U	1 U	1 U	1.0 U
Chloroethane	5		1 U	1 U	1 U	1 U	1 U	1.0 U
Chloroform	7		1 U	1 U	1 U	1 U	1 U	1.0 U
cis-1,2-Dichloroethene	5		1 U	1 U	1 U	1 U	1 U	1.0 U
cis-1,3-Dichloropropene	0.4		1 U	1 U	1 U	1 U	1 U	1.0 U
Dibromochloromethane	50		1 U	1 U	1 U	1 U	1 U	1.0 U
Ethylbenzene	5		1 U	1 U	1 U	1 U	1 U	1.0 U
Methyl chloride	5		1 U	1 U	1 U	1 U	1 U	1.0 U
Methyl ethyl ketone	50		10 U	10 U	10 U	10 U	10 U	10 U
Methylene chloride	5		1 U	1 U	1 U	1 U	1 U	1.0 U
Styrene	5		1 U	1 U	1 U	1 U	1 U	1.0 U
Tetrachloroethene	5		1 U	1 U	1 U	1 U	1 U	1.0 U
Toluene	5		1 U	1 U	1 U	1 U	1 U	1.0 U
trans-1,2-Dichloroethene	5		1 U	1 U	1 U	1 U	1 U	1.0 U
trans-1,3-Dichloropropene	0.4		1 U	1 U	1 U	1 U	1 U	1.0 U
Trichloroethene	5		1 U	1 U	1 U	1 U	1 U	1.0 U
Vinyl chloride	2		1 U	1 U	1 U	1 U	1 U	1.0 U
Xylenes, Total	5		2 U	2 U	2 U	2 U	2 U	2.0 U

NOTES:
U - not detected, J - estimated, D - Diluted Result, H - Holding time exceeded, R - unusable, NS - no standard, Dup - duplicate sample,
--- Not analyzed, F - MS and/or MSD recovery/RPD exceeds the control limits
[ ] - Exceeds NYS Class GA Ground Water Qaulity Standard
Trip Blank associated with samples collected on 10/29/07 contained Acetone and Methylene Chloride.
Data have not been validated

RAMBOLL

Table 4
Groundwater Data - VOCs
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW Stds (ug.l)	Location ID Depth Interva Sample Date Sample ID	MW-4D - 6/20/2018 MW-4D-062018 ug/l	MW-4D - 9/19/2018 MW-4D-091918 ug/l	MW-4D - 11/29/2018 MW-4D-112918 ug/l	MW-4D - 3/20/2019 MW-4D-032019 ug/l	MW-4D - 6/21/2109 MW-4D-062119 ug/l	MW-4D - 9/25/2019 MW-4D-092519 ug/l
1,1,1-Trichloroethane	5		1.0 U	1.0 U	1 U	1 U	1 U	1 U
1,1,2,2-Tetrachloroethane	5		1.0 U	1.0 U	1 U	1 U	1 U	1 U
1,1,2-Trichloroethane	1		1.0 U	1.0 U	1 U	1 U	1 U	1 U
1,1-Dichloroethane	5		1.0 U	1.0 U	1 U	1 U	1 U	1 U
1,1-Dichloroethene	5		1.0 U	1.0 U	1 U	1 U	1 U	1 U
1,2-Dichloroethane	0.6		1.0 U	1.0 U	1 U	1 U	1 U	1 U
1,2-Dichloroethene (Total)	5		---	---	---	---	---	---
1,2-Dichloropropane	1		1.0 U	1.0 U	1 U	1 U	1 U	1 U
2-Hexanone	50		5.0 U	5.0 U	5 U	5 U	5 U	5 U
4-Methyl-2-pentanone	NS		5.0 U	5.0 U*	5 U	5 U	5 U	5 U
Acetone	50		10 U	10 U	10 U	10 U	10 U	10 U
Benzene	1		1.0 U	1.0 U	1 U	1 U	1 U	1 U
Bromodichloromethane	50		1.0 U	1.0 U	1 U	1 U	1 U	1 U
Bromoform	50		1.0 U	1.0 U	1 U	1 U	1 U	1 U
Bromomethane	5		1.0 U	1.0 U	1 U	1 U	1 U	1 U
Carbon disulfide	60		1.0 U	1.0 U	1 U	1 U	1 U	1 U
Carbon tetrachloride	5		1.0 U	1.0 U	1 U	1 U	1 U	1 U
Chlorobenzene	5		1.0 U	1.0 U	1 U	1 U	1 U	1 U
Chloroethane	5		1.0 U	1.0 U	1 U	1 U	1 U	1 U
Chloroform	7		1.0 U	1.0 U	1 U	1 U	1 U	1 U
cis-1,2-Dichloroethene	5		1.0 U	1.0 U	1 U	1 U	1 U	1 U
cis-1,3-Dichloropropene	0.4		1.0 U	1.0 U	1 U	1 U	1 U	1 U
Dibromochloromethane	50		1.0 U	1.0 U	1 U	1 U	1 U	1 U
Ethylbenzene	5		1.0 U	1.0 U	1 U	1 U	1 U	1 U
Methyl chloride	5		1.0 U	1.0 U	1 U	1 U	1 U	0.58 J
Methyl ethyl ketone	50		10 U	10 U	10 U	10 U	10 U	10 U
Methylene chloride	5		1.0 U	1.0 U	1 U	1 U	1 U	1 U
Styrene	5		1.0 U	1.0 U	1 U	1 U	1 U	1 U
Tetrachloroethene	5		1.0 U	1.0 U	1 U	1 U	1 U	1 U
Toluene	5		1.0 U	1.0 U	1 U	1 U	1 U	1 U
trans-1,2-Dichloroethene	5		1.0 U	1.0 U	1 U	1 U	1 U	1 U
trans-1,3-Dichloropropene	0.4		1.0 U	1.0 U	1 U	1 U	1 U	1 U
Trichloroethene	5		1.0 U	1.0 U	1 U	1 U	1 U	1 U
Vinyl chloride	2		1.0 U	1.0 U	1 U	1 U	1 U	1 U
Xylenes, Total	5		2.0 U	2.0 U	2 U	2 U	2 U	2 U

NOTES:
U - not detected, J - estimated, D - Diluted Result, H - Holding time exceeded, R - unusable, NS - no standard, Dup - duplicate sample,
--- Not analyzed, F - MS and/or MSD recovery/RPD exceeds the control limits
[ ] - Exceeds NYS Class GA Ground Water Qaulity Standard
Trip Blank associated with samples collected on 10/29/07 contained Acetone and Methylene Chloride.
Data have not been validated

Table 4
Groundwater Data - VOCs
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW Stds (ug.l)	Location ID Depth Interva Sample Date Sample ID	MW-4D - 12/18/2019 MW-4D-121819 ug/l	MW-04D - 3/19/2020 MW 4D 031920 ug/l	MW-04D -- 6/17/2020 MW4D061720 µg/L	MW-04D -- 9/23/2020 MW4D092320 µg/L	MW-04D -- 12/15/2020 MW4D121520 µg/L	MW-04D - 3/24/2021 MW4D032421 ug/l
1,1,1-Trichloroethane	5		1 U	1 U	1 U	1 U	1 U	1U
1,1,2,2-Tetrachloroethane	5		1 U	1 U	1 U	1 U	1 U	1U
1,1,2-Trichloroethane	1		1 U	1 U	1 U	1 U	1 U	1U
1,1-Dichloroethane	5		1 U	1 U	1 U	1 U	1 U	1U
1,1-Dichloroethene	5		1 U	1 U	1 U	1 U	1 U	1U
1,2-Dichloroethane	0.6		1 U	1 U	1 U	1 U	1 U	1U
1,2-Dichloroethene (Total)	5		---	---	---	---	---	---
1,2-Dichloropropane	1		1 U	1 U	1 U	1 U	1 U	1U
2-Hexanone	50		5 U	5 U	5 U	5 U	5 U	5U
4-Methyl-2-pentanone	NS		5 U	5 U	5 U	5 U	5 U	5U
Acetone	50		10 U	10 U	10 U	10 U	10 U	10U
Benzene	1		1 U	1 U	1 U	1 U	1 U	1U
Bromodichloromethane	50		1 U	1 U	1 U	1 U	1 U	1U
Bromoform	50		1 U	1 U *	1 U	1 U	1 U	1U
Bromomethane	5		1 U	1 U	1 U	1 U	1 U	1U
Carbon disulfide	60		1 U	1 U	1 U	1 U	1 U	1U
Carbon tetrachloride	5		1 U	1 U	1 U	1 U	1 U	1U
Chlorobenzene	5		1 U	1 U	1 U	1 U	1 U	1U
Chloroethane	5		1 U	1 U	1 U	1 U	1 U	1U
Chloroform	7		1 U	1 U	1 U	1 U	1 U	1U
cis-1,2-Dichloroethene	5		1 U	1 U	1 U	1 U	1 U	1U
cis-1,3-Dichloropropene	0.4		1 U	1 U	1 U	1 U	1 U	1U
Dibromochloromethane	50		1 U	1 U *	1 U	1 U	1 U	1U
Ethylbenzene	5		1 U	1 U	1 U	1 U	1 U	1U
Methyl chloride	5		1 U	1 U	1 U	1 U	1 U	1U
Methyl ethyl ketone	50		10 U	10 U	10 U	10 U	10 U	10U
Methylene chloride	5		1 U	1 U	1 U	1 U	1 U	1U
Styrene	5		1 U	1 U	1 U	1 U	1 U	1U
Tetrachloroethene	5		1 U	1 U	1 U	1 U	1 U	1U
Toluene	5		1 U	1 U	1 U	1 U	1 U	1U
trans-1,2-Dichloroethene	5		1 U	1 U	1 U	1 U	1 U	1U
trans-1,3-Dichloropropene	0.4		1 U	1 U	1 U	1 U	1 U	1U
Trichloroethene	5		1 U	1 U	1 U	1 U	1 U	1U
Vinyl chloride	2		1 U	1 U	1 U	1 U	1 U	1U
Xylenes, Total	5		2 U	2 U	2 U	2 U	2 U	2U

NOTES:
U - not detected, J - estimated, D - Diluted Result, H - Holding time exceeded, R - unusable, NS - no standard, Dup - duplicate sample,
--- Not analyzed, F - MS and/or MSD recovery/RPD exceeds the control limits
[ ] - Exceeds NYS Class GA Ground Water Qaulity Standard
Trip Blank associated with samples collected on 10/29/07 contained Acetone and Methylene Chloride.
Data have not been validated

RAMBOLL

Table 4
Groundwater Data - VOCs
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW Stds (ug.l)	Location ID Depth Interva Sample Date Sample ID	MW-04D - 6/16/2021 MW4D061621 ug/l	MW-04D - 9/21/2021 MW4D 092121 ug/l	MW-04D - 12/22/2021 MW4D 122221 ug/l	MW-04D - 3/22/2022 MW4D 032222 ug/l	MW-04D - 6/22/2022 MW-4D 062222 ug/l	MW-04D - 9/29/2022 MW4D 092922 ug/l	MW-04D --- 12/21/2022 MW4D122122 ug/l
1,1,1-Trichloroethane	5		1 U	1 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1,2,2-Tetrachloroethane	5		1 U	1 U	1.0 U	1.0 U	1.0 U	1.0 U *+	1.0 U
1,1,2-Trichloroethane	1		1 U	1 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1-Dichloroethane	5		1 U	1 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1-Dichloroethene	5		1 U	1 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichloroethane	0.6		1 U	1 U	1.0 U	1.0 U	1.0 U	1.0 U *+	1.0 U
1,2-Dichloroethene (Total)	5		---	---	---	---	---	---	---
1,2-Dichloropropane	1		1 U	1 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
2-Hexanone	50		5 U	5 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U *+
4-Methyl-2-pentanone	NS		5 U	5 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U *+
Acetone	50		10 U	10 U	10 U	10 U	10 U	10 U	10 U
Benzene	1		1 U	1 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromodichloromethane	50		1 U	1 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromoform	50		1 U	1 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromomethane	5		1 U	1 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Carbon disulfide	60		1 U	1 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Carbon tetrachloride	5		1 U	1 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chlorobenzene	5		1 U	1 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chloroethane	5		1 U	1 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chloroform	7		1 U	1 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
cis-1,2-Dichloroethene	5		1 U	1 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
cis-1,3-Dichloropropene	0.4		1 U	1 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Dibromochloromethane	50		1 U	1 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Ethylbenzene	5		1 U	1 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Methyl chloride	5		1 U	1 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Methyl ethyl ketone	50		10 U	10 U	10 U	10 U	10 U	10 U	10 U
Methylene chloride	5		1 U	1 U	1.0 U	1.0 U	1.0 U	1.0 U *+	1.0 U
Styrene	5		1 U	1 U	1.0 U	1.0 U	1.0 U	1.0 U *+	1.0 U
Tetrachloroethene	5		1 U	1 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Toluene	5		1 U	1 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
trans-1,2-Dichloroethene	5		1 U	1 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
trans-1,3-Dichloropropene	0.4		1 U	1 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Trichloroethene	5		1 U	1 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Vinyl chloride	2		1 U	1 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Xylenes, Total	5		2 U	2 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U

NOTES:
U - not detected, J - estimated, D - Diluted Result, H - Holding time exceeded, R - unusable, NS - no standard, Dup - duplicate sample,
--- Not analyzed, F - MS and/or MSD recovery/RPD exceeds the control limits
[ ] - Exceeds NYS Class GA Ground Water Qaulity Standard
Trip Blank associated with samples collected on 10/29/07 contained Acetone and Methylene Chloride.
Data have not been validated

Table 4
Groundwater Data - VOCs
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW Stds (ug.l)	Location ID	MW-04S	MW-04S	MW-04S	MW-04S	MW-04S	MW-04S
		Depth Interva	-	-	-	-	-	-
		Sample Date	9/14/1995	11/13/1995	7/24/1997	9/17/1997	9/17/1997	2/17/2000
		Sample ID	MW-04S_WG_091495	MW-04S_WG_111395	MW-04S_WG_072497	MW-04S_WG_091797	V-04S_WG_091797_D	MW-04S_WG_021700
			ug/l	ug/l	ug/l	ug/l	ug/l	ug/l
1,1,1-Trichloroethane	5		10 U	10 U	1 U	1 U	1 U	0.2 J
1,1,2,2-Tetrachloroethane	5		10 U	10 U	1 U	1 U	1 U	0.5 U
1,1,2-Trichloroethane	1		10 U	10 U	1 U	1 U	1 U	0.5 U
1,1-Dichloroethane	5		10 U	10 U	1 U	1 U	1 U	0.4 J
1,1-Dichloroethene	5		10 U	10 U	1 U	1 U	1 U	0.5 U
1,2-Dichloroethane	0.6		10 U	10 U	1 U	1 U	1 U	0.5 U
1,2-Dichloroethene (Total)	5		10 U	10 U	1 U	1 U	1 U	---
1,2-Dichloropropane	1		10 U	10 U	1 U	1 U	1 U	0.5 U
2-Hexanone	50		10 U	10 U	2 U	2 U	2 U	5 U
4-Methyl-2-pentanone	NS		10 U	10 U	2 U	2 U	2 U	5 U
Acetone	50		10 U	10 U	2 U	2 U	2 U	10 U
Benzene	1		10 U	10 U	1 U	1 U	1 U	0.5 U
Bromodichloromethane	50		10 U	10 U	1 U	1 U	1 U	0.5 U
Bromoform	50		10 U	10 U	1 U	1 U	1 U	0.5 U
Bromomethane	5		10 U	10 U	2 U	2 U	2 U	1 U
Carbon disulfide	60		10 U	10 U	1 U	1 U	1 U	0.5 U
Carbon tetrachloride	5		10 U	10 U	1 U	1 U	1 U	0.5 U
Chlorobenzene	5		10 U	10 U	1 U	1 U	1 U	0.5 U
Chloroethane	5		10 U	10 U	1 U	1 U	1 U	1 U
Chloroform	7		10 U	10 U	1 U	1 U	1 U	0.5 U
cis-1,2-Dichloroethene	5		---	---	---	---	---	0.5 U
cis-1,3-Dichloropropene	0.4		10 U	10 U	1 U	1 U	1 U	0.5 U
Dibromochloromethane	50		10 U	10 U	1 U	1 U	1 U	0.5 U
Ethylbenzene	5		10 U	10 U	1 U	1 U	1 U	0.5 U
Methyl chloride	5		10 U	10 U	1 U	1 U	1 U	1 U
Methyl ethyl ketone	50		10 U	10 U	4 U	4 U	4 U	10 U
Methylene chloride	5		10 U	10 U	1 U	1 U	1 U	2 U
Styrene	5		10 U	10 U	1 U	1 U	1 U	0.5 U
Tetrachloroethene	5		10 U	10 U	1 U	1 U	1 U	0.5 U
Toluene	5		10 U	10 U	1 U	1 U	1 U	0.5 U
trans-1,2-Dichloroethene	5		---	---	---	---	---	0.5 U
trans-1,3-Dichloropropene	0.4		10 U	10 U	1 U	1 U	1 U	0.5 U
Trichloroethene	5		10 U	10 U	1 U	1 U	1 U	0.2 J
Vinyl chloride	2		10 U	10 U	1 U	1 U	1 U	1 U
Xylenes, Total	5		10 U	10 U	1 U	1 U	1 U	0.5 U

NOTES:
U - not detected, J - estimated, D - Diluted Result, H - Holding time exceeded, R - unusable, NS - no standard, Dup - duplicate sample,
--- Not analyzed, F - MS and/or MSD recovery/RPD exceeds the control limits
[ ] - Exceeds NYS Class GA Ground Water Qaulity Standard
Trip Blank associated with samples collected on 10/29/07 contained Acetone and Methylene Chloride.
Data have not been validated

RAMBOLL

Table 4
Groundwater Data - VOCs
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW Stds (ug.l)	Location ID	MW-04S	MW-04S	MW-04S	MW-04S	MW-04S	MW-04S
		Depth Interva	-	-	-	-	-	-
		Sample Date	8/15/2001	11/29/2001	2/28/2002	5/14/2002	7/31/2003	2/6/2004
		Sample ID	MW-04S_WG_081501	MW-04S_WG_112901	MW-04S_WG_022802	MW-04S_WG_051402	MW-04S_WG_073103	MW-04S_WG_020604
			ug/l	ug/l	ug/l	ug/l	ug/l	ug/l
1,1,1-Trichloroethane	5		0.5 U	0.2 J	0.1 J	0.2 J	0.5 U	0.5 U
1,1,2,2-Tetrachloroethane	5		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1,2-Trichloroethane	1		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1-Dichloroethane	5		0.3 J	0.4 J	0.3 J	0.5 J	0.2 J	0.1 J
1,1-Dichloroethene	5		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,2-Dichloroethane	0.6		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,2-Dichloroethene (Total)	5		---	---	---	---	---	---
1,2-Dichloropropane	1		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
2-Hexanone	50		5 U	5 U	5 U	5 U	5 U	5 U
4-Methyl-2-pentanone	NS		5 U	5 U	5 U	5 U	5 U	5 U
Acetone	50		10 J	10 U	10 U	10 U	1 J	1 J
Benzene	1		0.5 U	0.5 U	0.5 U	0.5 U	0.1 J	0.5 U
Bromodichloromethane	50		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Bromoform	50		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Bromomethane	5		1 U	1 U	1 U	1 U	1 U	1 U
Carbon disulfide	60		0.5 U	0.2 J	0.5 U	0.5 U	0.5 U	0.5 U
Carbon tetrachloride	5		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Chlorobenzene	5		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Chloroethane	5		1 U	1 U	1 U	1 U	1 U	1 U
Chloroform	7		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
cis-1,2-Dichloroethene	5		0.1 J	0.5 U	0.5 U	0.5 U	0.1 J	0.5 U
cis-1,3-Dichloropropene	0.4		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Dibromochloromethane	50		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Ethylbenzene	5		0.5 U	0.5 U	0.5 U	0.5 U	0.1 J	0.5 U
Methyl chloride	5		1 U	1 U	1 U	1 U	1 U	1 U
Methyl ethyl ketone	50		10 U	10 U	10 U	10 U	10 U	10 U
Methylene chloride	5		2 U	2 U	2 U	2 U	2 U	2 U
Styrene	5		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Tetrachloroethene	5		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Toluene	5		0.5 U	0.5 U	0.5 U	0.5 U	0.6	0.3 J
trans-1,2-Dichloroethene	5		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
trans-1,3-Dichloropropene	0.4		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Trichloroethene	5		0.5 U	0.1 J	0.1 J	0.2 J	0.5 U	0.5 U
Vinyl chloride	2		1 U	1 U	1 U	1 U	1 U	1 U
Xylenes, Total	5		0.5 U	0.5 U	0.5 U	0.5 U	0.5	0.2 J

NOTES: NOTES:
U - not detected, U - not detected, J - estimated, D - Diluted Result, H - Holding time exceeded, R - unusable, NS - no standard, Dup - duplicate sample,
--- Not analyzed, --- Not analyzed, F - MS and/or MSD recovery/RPD exceeds the control limits
[ ] - Exceeds NYS [ ] - Exceeds NYS Class GA Ground Water Qaulity Standard
Trip Blank associa Trip Blank associated with samples collected on 10/29/07 contained Acetone and Methylene Chloride.
Data have not be Data have not been validated

RAMBOLL

Table 4
Groundwater Data - VOCs
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW Stds (ug.l)	Location ID	MW-04S	MW-04S	MW-04S	MW-04S	MW-04S	MW-04S
		Depth Interva	-	-	-	-	-	-
		Sample Date	5/19/2004	8/5/2004	11/17/2004	2/15/2005	4/19/2005	9/7/2005
		Sample ID	MW-04S_WG_051904	MW-04S_WG_080504	MW-04S_WG_111704	MW-04S_WG_021505	MW-04S_WG_041905	MW-4S_09072005
			ug/l	ug/l	ug/l	ug/l	ug/l	ug/l
1,1,1-Trichloroethane	5		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1,2,2-Tetrachloroethane	5		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1,2-Trichloroethane	1		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1-Dichloroethane	5		0.5 U	0.2 J	0.2 J	0.2 J	0.2 J	0.18 J
1,1-Dichloroethene	5		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,2-Dichloroethane	0.6		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,2-Dichloroethene (Total)	5		---	---	---	---	---	---
1,2-Dichloropropane	1		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
2-Hexanone	50		5 U	5 U	5 U	5 U	5 U	5 U
4-Methyl-2-pentanone	NS		5 U	5 U	5 U	5 U	5 U	5 U
Acetone	50		1 J	10 U	1 J	3 J	10 U	2.61 J
Benzene	1		0.5 U	0.5 U	0.1 J	0.5 U	0.5 U	0.5 U
Bromodichloromethane	50		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Bromoform	50		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Bromomethane	5		1 U	1 U	1 U	1 U	1 U	1 U
Carbon disulfide	60		0.5 U	0.5 U	0.1 J	0.5 U	0.5 U	0.5 U
Carbon tetrachloride	5		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Chlorobenzene	5		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Chloroethane	5		1 U	1 U	1 U	1 U	1 U	1 U
Chloroform	7		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
cis-1,2-Dichloroethene	5		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
cis-1,3-Dichloropropene	0.4		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Dibromochloromethane	50		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Ethylbenzene	5		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Methyl chloride	5		1 U	1 U	1 U	1 U	1 U	1 U
Methyl ethyl ketone	50		10 U	10 U	10 U	10 U	10 U	10 U
Methylene chloride	5		2 U	2 U	2 U	2 U	2 U	2 U
Styrene	5		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Tetrachloroethene	5		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Toluene	5		0.5 U	0.5 U	0.4 J	0.5 U	0.5 U	0.13 J
trans-1,2-Dichloroethene	5		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
trans-1,3-Dichloropropene	0.4		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Trichloroethene	5		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Vinyl chloride	2		1 U	1 U	1 U	1 U	1 U	1 U
Xylenes, Total	5		0.5 U	0.5 U	0.4 J	0.5 U	0.5 U	0.1 J

NOTES: NOTES:
U - not detected, U - not detected, J - estimated, D - Diluted Result, H - Holding time exceeded, R - unusable, NS - no standard, Dup - duplicate sample,
--- Not analyzed, --- Not analyzed, F - MS and/or MSD recovery/RPD exceeds the control limits
[ ] - Exceeds NYS [ ] - Exceeds NYS Class GA Ground Water Qaulity Standard
Trip Blank associa Trip Blank associated with samples collected on 10/29/07 contained Acetone and Methylene Chloride.
Data have not be Data have not been validated

RAMBOLL

Table 4
Groundwater Data - VOCs
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW Stds (ug.l)	Location ID / Depth Interva / Sample Date / Sample ID	MW-04S - 11/16/2005 MW-4S_11162005 ug/l	MW-04S - 4/27/2006 MW-4S_04272006 ug/l	MW-04S - 11/16/2006 MW-4S_11162006 ug/l	MW-04S - 5/3/2007 MW-4S_050307 ug/l	MW-04S - 10/31/2007 MW 4-S-103107 ug/l	MW-04S - 5/22/2008 MW-4S-052208 ug/l
1,1,1-Trichloroethane	5		0.5 U	0.5 U	0.5	0.5 U	0.5 HU	0.5 U
1,1,2,2-Tetrachloroethane	5		0.5 U	0.5 U	0.5	0.5 U	0.5 HU	0.5 U
1,1,2-Trichloroethane	1		0.5 U	0.5 U	0.5	0.5 U	0.5 HU	0.5 U
1,1-Dichloroethane	5		0.11 J	0.5 U	0.15 J	0.13 J	0.11 JH	0.5 U
1,1-Dichloroethene	5		0.5 U	0.5 U	0.5	0.5 U	0.5 HU	0.5 U
1,2-Dichloroethane	0.6		0.5 U	0.5 U	0.5	0.5 U	0.5 HU	0.5 U
1,2-Dichloroethene (Total)	5		---	---	---	---	---	---
1,2-Dichloropropane	1		0.5 U	0.5 U	0.5	0.5 U	0.5 HU	0.5 U
2-Hexanone	50		5 U	5 U	5	5 U	5 HU	5 U
4-Methyl-2-pentanone	NS		5 U	5 U	5	5 U	5 HU	5 U
Acetone	50		10 U	10 U	1.07 J	10 U	1.28 JH	10 U
Benzene	1		0.5 U	0.5 U	0.5	0.5 U	0.5 HU	0.5 U
Bromodichloromethane	50		0.5 U	0.5 U	0.5	0.5 U	0.5 HU	0.5 U
Bromoform	50		0.5 U	0.5 U	0.5	0.5 U	0.5 HU	1 U
Bromomethane	5		1 U	1 U	1	1 U	1 HU	1 U
Carbon disulfide	60		0.5 U	0.5 U	0.2 J	0.5 U	0.11 JH	0.5 U
Carbon tetrachloride	5		0.5 U	0.5 U	0.5	0.5 U	0.5 HU	0.5 U
Chlorobenzene	5		0.5 U	0.5 U	0.5	0.5 U	0.5 HU	0.5 U
Chloroethane	5		1 U	1 U	1	1 U	1 HU	1 U
Chloroform	7		0.5 U	0.5 U	0.5	0.5 U	0.5 HU	0.5 U
cis-1,2-Dichloroethene	5		0.11 J	0.5 U	0.1 J	0.5 U	0.5 HU	0.5 U
cis-1,3-Dichloropropene	0.4		0.5 U	0.5 U	**[0.5]**	0.5 U	0.5 HU	0.5 U
Dibromochloromethane	50		0.5 U	0.5 U	0.5	0.5 U	0.5 HU	0.5 U
Ethylbenzene	5		0.5 U	0.5 U	0.5	0.5 U	0.5 HU	0.5 U
Methyl chloride	5		1 U	1 U	1	1 U	1 HU	1 U
Methyl ethyl ketone	50		10 U	10 U	10	10 U	10 HU	10 U
Methylene chloride	5		0.12 J	2 U	2	2 U	2 HU	2 U
Styrene	5		0.5 U	0.5 U	0.5	0.5 U	0.5 HU	0.5 U
Tetrachloroethene	5		0.5 U	0.5 U	0.5	0.5 U	0.5 HU	0.5 U
Toluene	5		0.5 U	0.5 U	0.5	0.5 U	0.5 HU	0.5 U
trans-1,2-Dichloroethene	5		0.5 U	0.5 U	0.5	0.5 U	0.5 HU	0.5 U
trans-1,3-Dichloropropene	0.4		0.5 U	0.5 U	0.5	0.5 U	0.5 HU	0.5 U
Trichloroethene	5		0.5 U	0.5 U	**[0.5]**	0.5 U	0.5 HU	0.5 U
Vinyl chloride	2		1 U	1 U	1	1 U	1 HU	1 U
Xylenes, Total	5		1 U	1 U	1	1 U	1 HU	1 U

NOTES: NOTES:
U - not detected, U - not detected, J - estimated, D - Diluted Result, H - Holding time exceeded, R - unusable, NS - no standard, Dup - duplicate sample,
--- Not analyzed, --- Not analyzed, F - MS and/or MSD recovery/RPD exceeds the control limits
[ ] - Exceeds NYS [ ] - Exceeds NYS Class GA Ground Water Qaulity Standard
Trip Blank associa Trip Blank associated with samples collected on 10/29/07 contained Acetone and Methylene Chloride.
Data have not be Data have not been validated

RAMBOLL

Table 4
Groundwater Data - VOCs
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW Stds (ug.l)	Location ID	MW-04S	MW-04S	MW-04S	MW-04S	MW-04S	MW-04S
		Depth Interva	-	-	-	-	-	-
		Sample Date	11/18/2008	10/21/2009	5/19/2010	1/20/2011	4/21/2011	7/28/2011
		Sample ID	MW-4S	W-4S-102109102120	W-4S-0519100519201	MW-4S-01202011	MW-4S-042111	MW-4S 072811
			ug/l	ug/l	ug/l	ug/l	ug/l	ug/l
1,1,1-Trichloroethane	5		0.5 U	1 U	1 U	1 U	1 U	1 U
1,1,2,2-Tetrachloroethane	5		0.5 U	1 U	1 U	1 U	1 U	1 U
1,1,2-Trichloroethane	1		0.5 U	1 U	1 U	1 U	1 U	1 U
1,1-Dichloroethane	5		0.18 J	1 U	1 U	1 U	1 U	1 U
1,1-Dichloroethene	5		0.5 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichloroethane	0.6		0.5 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichloroethene (Total)	5		---	---	---	---	---	---
1,2-Dichloropropane	1		0.5 U	1 U	1 U	1 U	1 U	1 U
2-Hexanone	50		5 U	5 U	5 U	5 U	5 U	5 U
4-Methyl-2-pentanone	NS		5 U	5 U	5 U	5 U	5 U	5 U
Acetone	50		10 U	5 U	5 U	10 U	10 U	10 U
Benzene	1		0.5 U	1 U	1 U	1 U	1 U	1 U
Bromodichloromethane	50		0.5 U	1 U	1 U	1 U	1 U	1 U
Bromoform	50		1 U	1 U	1 U	1 U	1 U	1 U
Bromomethane	5		1 U	1 U	1 U	1 U	1 U	1 U
Carbon disulfide	60		0.5 U	1 U	1 U	1 U	1 U	1 U
Carbon tetrachloride	5		0.5 U	1 U	1 U	1 U	1 U	1 U
Chlorobenzene	5		0.5 U	1 U	1 U	1 U	1 U	1 U
Chloroethane	5		1 U	1 U	1 U	1 U	1 U	1 U
Chloroform	7		0.5 U	1 U	1 U	1 U	1 U	1 U
cis-1,2-Dichloroethene	5		0.5 U	1 U	1 U	1 U	1 U	1 U
cis-1,3-Dichloropropene	0.4		0.5 U	1 U	1 U	1 U	1 U	1 U
Dibromochloromethane	50		0.5 U	1 U	1 U	1 U	1 U	1 U
Ethylbenzene	5		0.5 U	1 U	1 U	1 U	1 U	1 U
Methyl chloride	5		1 U	1 U	1 U	0.55 J	1 U	1 U
Methyl ethyl ketone	50		10 U	5 U	5 U	10 U	10 U	10 U
Methylene chloride	5		2 U	1 U	1 U	1 U	1 U	1 U
Styrene	5		0.5 U	1 U	1 U	1 U	1 U	1 U
Tetrachloroethene	5		0.5 U	1 U	1 U	1 U	1 U	1 U
Toluene	5		0.5 U	1 U	1 U	1 U	1 U	1 U
trans-1,2-Dichloroethene	5		0.5 U	1 U	1 U	1 U	1 U	1 U
trans-1,3-Dichloropropene	0.4		0.5 U	1 U	1 U	1 U	1 U	1 U
Trichloroethene	5		0.5 U	1 U	1 U	1 U	1 U	1 U
Vinyl chloride	2		1 U	1 U	1 U	1 U	1 U	1 U
Xylenes, Total	5		1 U	2 U	2 U	2 U	2 U	2 U

NOTES: NOTES:
U - not detected, U - not detected, J - estimated, D - Diluted Result, H - Holding time exceeded, R - unusable, NS - no standard, Dup - duplicate sample,
--- Not analyzed, --- Not analyzed, F - MS and/or MSD recovery/RPD exceeds the control limits
[ ] - Exceeds NYS [ ] - Exceeds NYS Class GA Ground Water Qaulity Standard
Trip Blank associa Trip Blank associated with samples collected on 10/29/07 contained Acetone and Methylene Chloride.
Data have not be Data have not been validated

RAMBOLL

Table 4
Groundwater Data - VOCs
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW Stds (ug.l)	Location ID Depth Interva Sample Date Sample ID	MW-04S 10/27/2011 MW4S102711 ug/l	MW-04S - 3/22/2012 MW4S032212 ug/l	MW-4S 8/9/2012 MW4S080912 ug/l	MW-4S - 12/20/2012 MW-4S-122012 ug/l	MW-4S - 5/22/2013 MW-4S-052213 ug/l	MW-4S - 8/22/2013 MW-4S-082213 ug/l
1,1,1-Trichloroethane	5		1 U	1 U	1 U	1 U	1 U	1 U
1,1,2,2-Tetrachloroethane	5		1 U	1 U	1 U	1 U	1 U	1 U
1,1,2-Trichloroethane	1		1 U	1 U	1 U	1 U	1 U	1 U
1,1-Dichloroethane	5		1 U	1 U	1 U	1 U	1 U	1 U
1,1-Dichloroethene	5		1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichloroethane	0.6		1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichloroethene (Total)	5		---	---	---	---	---	---
1,2-Dichloropropane	1		1 U	1 U	1 U	1 U	1 U	1 U
2-Hexanone	50		5 U	5 U	5 U	5 U	5 U	5 U
4-Methyl-2-pentanone	NS		5 U	5 U	5 U	5 U	5 U	5 U
Acetone	50		10 U	3.4 J	10 U	10 U	10 U	10 U
Benzene	1		1 U	1 U	1 U	1 U	1 U	1 U
Bromodichloromethane	50		1 U	1 U	1 U	1 U	1 U	1 U
Bromoform	50		1 U	1 U	1 U	1 U	1 U	1 U
Bromomethane	5		1 U	1 U	1 U	1 U	1 U	1 U
Carbon disulfide	60		1 U	1 U	1 U	1 U	1 U	1 U
Carbon tetrachloride	5		1 U	1 U	1 U	1 U	1 U	1 U
Chlorobenzene	5		1 U	1 U	1 U	1 U	1 U	1 U
Chloroethane	5		1 U	1 U	1 U	1 U	1 U	1 U
Chloroform	7		1 U	1 U	1 U	1 U	1 U	1 U
cis-1,2-Dichloroethene	5		1 U	1 U	1 U	1 U	1 U	1 U
cis-1,3-Dichloropropene	0.4		1 U	1 U	1 U	1 U	1 U	1 U
Dibromochloromethane	50		1 U	1 U	1 U	1 U	1 U	1 U
Ethylbenzene	5		1 U	1 U	1 U	1 U	1 U	1 U
Methyl chloride	5		1 U	1 U	1 U	1 U	1 U	1 U
Methyl ethyl ketone	50		10 U	10 U	10 U	10 U	10 U	10 U
Methylene chloride	5		1 U	1 U	1 U	1 U	1 U	1 U
Styrene	5		1 U	1 U	1 U	1 U	1 U	1 U
Tetrachloroethene	5		1 U	1 U	1 U	1 U	1 U	1 U
Toluene	5		1 U	1 U	1 U	1 U	1 U	1 U
trans-1,2-Dichloroethene	5		1 U	1 U	1 U	1 U	1 U	1 U
trans-1,3-Dichloropropene	0.4		1 U	1 U	1 U	1 U	1 U	1 U
Trichloroethene	5		1 U	1 U	1 U	1 U	1 U	1 U
Vinyl chloride	2		1 U	1 U	1 U	1 U	1 U	1 U
Xylenes, Total	5		2 U	2 U	2 U	2 U	2 U	2 U

NOTES: NOTES:
U - not detected, U - not detected, J - estimated, D - Diluted Result, H - Holding time exceeded, R - unusable, NS - no standard, Dup - duplicate sample,
--- Not analyzed, --- Not analyzed, F - MS and/or MSD recovery/RPD exceeds the control limits
[ ] - Exceeds NYS [ ] - Exceeds NYS Class GA Ground Water Qaulity Standard
Trip Blank associa Trip Blank associated with samples collected on 10/29/07 contained Acetone and Methylene Chloride.
Data have not be Data have not been validated

RAMBOLL

Table 4
Groundwater Data - VOCs
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW Stds (ug.l)	Location ID Depth Interva Sample Date Sample ID	MW-4S - 12/19/2013 MW-4S-121913 ug/l	MW-4S - 3/27/2014 MW-4S-032714 ug/l	MW-4S - 6/11/2014 MW-4S-061114	MW-4S - 9/24/2014 MW-4S-092414	MW-4S - 12/10/2014 MW 4S 121014 ug/l	MW-4S - 3/18/2015 MW4S031815 ug/l
1,1,1-Trichloroethane	5		1 U	1 U	1 U	---	1 U*	1 U
1,1,2,2-Tetrachloroethane	5		1 U	1 U	1 U	---	1 U	1 U
1,1,2-Trichloroethane	1		1 U	1 U	1 U	---	1 U	1 U
1,1-Dichloroethane	5		1 U	1 U	1 U	---	1 U	1 U
1,1-Dichloroethene	5		1 U	1 U	1 U	---	1 U	1 U
1,2-Dichloroethane	0.6		1 U	1 U	1 U	---	1 U	1 U
1,2-Dichloroethene (Total)	5		---	---	---	---	---	---
1,2-Dichloropropane	1		1 U	1 U	1 U	---	1 U	1 U
2-Hexanone	50		5 U	5 U*	5 U	---	5 U	5 U
4-Methyl-2-pentanone	NS		5 U	5 U	5 U	---	5 U	5 U
Acetone	50		10 U	10 U	3.2 J	---	10 U	10 U
Benzene	1		1 U	1 U	1 U	---	1 U	1 U
Bromodichloromethane	50		1 U	1 U	1 U	---	1 U	1 U
Bromoform	50		1 U	1 U	1 U	---	1 U*	1 U
Bromomethane	5		1 U	1 U	1 U	---	1 U	1 U
Carbon disulfide	60		1 U	1 U	1 U	---	1 U	1 U
Carbon tetrachloride	5		1 U	1 U	1 U	---	1 U	1 U
Chlorobenzene	5		1 U	1 U	1 U	---	1 U	1 U
Chloroethane	5		1 U	1 U	1 U	---	1 U	1 U
Chloroform	7		1 U	1 U	1 U	---	1 U	1 U
cis-1,2-Dichloroethene	5		1 U	1 U	1 U	---	1 U	1 U
cis-1,3-Dichloropropene	0.4		1 U	1 U	1 U	---	1 U	1 U
Dibromochloromethane	50		1 U	1 U	1 U	---	1 U*	1 U
Ethylbenzene	5		1 U	1 U	1 U	---	1 U	1 U
Methyl chloride	5		1 U	1 U	1 U	---	1 U	1 U
Methyl ethyl ketone	50		10 U	10 U	10 U	---	10 U	10 U
Methylene chloride	5		1 U	1 U	1 U	---	1 U	1 U
Styrene	5		1 U	1 U	1 U	---	1 U	1 U
Tetrachloroethene	5		1 U	1 U	1 I	---	1 U	1 U
Toluene	5		1 U	1 U	1 U	---	1 U	1 U
trans-1,2-Dichloroethene	5		1 U	1 U	1 U	---	1 U	1 U
trans-1,3-Dichloropropene	0.4		1 U	1 U	1 U	---	1 U	1 U
Trichloroethene	5		1 U	1 U	1 U	---	1 U	1 U
Vinyl chloride	2		1 U	1 U	1 U	---	1 U	1 U
Xylenes, Total	5		2 U	2 U	2 U	---	2 U	2 U

NOTES: NOTES:
U - not detected, U - not detected, J - estimated, D - Diluted Result, H - Holding time exceeded, R - unusable, NS - no standard, Dup - duplicate sample,
--- Not analyzed, --- Not analyzed, F - MS and/or MSD recovery/RPD exceeds the control limits
[ ] - Exceeds NYS [ ] - Exceeds NYS Class GA Ground Water Qaulity Standard
Trip Blank associa Trip Blank associated with samples collected on 10/29/07 contained Acetone and Methylene Chloride.
Data have not be Data have not been validated

RAMBOLL

Table 4
Groundwater Data - VOCs
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW Stds (ug.l)	Location ID Depth Interva Sample Date Sample ID	MW-4S - 6/25/2015 MW4S062515 ug/l	MW-4S - 9/23/2015 MW4S 092315 ug/l	MW-4S - 1/13/2016 MW4S 011316 ug/l	MW-4S - 3/30/2016 MW-4S-033016 ug/l	MW-4S - 6/21/2016 MW-4S-062116 ug/l	MW-4S - 9/21/2016 MW-4S-092116 ug/l
1,1,1-Trichloroethane	5		1 U	1 U	1 U	1 U	1 U	1 U
1,1,2,2-Tetrachloroethane	5		1 U	1 U	1 U	1 U	1 U	1 U
1,1,2-Trichloroethane	1		1 U	1 U	1 U	1 U	1 U	1 U
1,1-Dichloroethane	5		1 U	1 U	1 U	1 U	1 U	1 U
1,1-Dichloroethene	5		1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichloroethane	0.6		1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichloroethene (Total)	5		---	---	---	----	---	---
1,2-Dichloropropane	1		1 U	1 U	1 U	1 U	1 U	1 U
2-Hexanone	50		5 U	5 U	5 U	5 U	5 U	5 U
4-Methyl-2-pentanone	NS		5 U	5 U	5 U	5 U	5 U	5 U
Acetone	50		10 U	10 U	10 U *	10 U*	10 U	10 U
Benzene	1		1 U	1 U	1 U	1 U	1 U	1 U
Bromodichloromethane	50		1 U	1 U	1 U	1 U	1 U	1 U
Bromoform	50		1 U	1 U	1 U	1 U	1 U	1 U
Bromomethane	5		1 U	1 U	1 U	1 U	1 U	1 U
Carbon disulfide	60		1 U	1 U	1 U	1 U	1 U	1 U
Carbon tetrachloride	5		1 U	1 U	1 U	1 U	1 U	1 U
Chlorobenzene	5		1 U	1 U	1 U	1 U	1 U	1 U
Chloroethane	5		1 U	1 U	1 U	1 U	1 U	1 U
Chloroform	7		1 U	1 U	1 U	1 U	1 U	1 U
cis-1,2-Dichloroethene	5		1 U	1 U	1 U	1 U	1 U	1.1
cis-1,3-Dichloropropene	0.4		1 U	1 U	1 U	1 U	1 U	1 U
Dibromochloromethane	50		1 U	1 U	1 U	1 U	1 U	1 U
Ethylbenzene	5		1 U	1 U	1 U	1 U	1 U	1 U
Methyl chloride	5		1 U	1 U	1 U	1 U	1 U	1 U
Methyl ethyl ketone	50		10 U	10 U	10 U	10 U	10 U	10 U
Methylene chloride	5		1 U	1 U	1 U	1 U	1 U	1 U
Styrene	5		1 U	1 U	1 U	1 U	1 U	1 U
Tetrachloroethene	5		1 U	1 U	1 U	1 U	1 U	1 U
Toluene	5		1 U	1 U	1 U	1 U	1 U	1 U
trans-1,2-Dichloroethene	5		1 U	1 U	1 U	1 U	1 U	1 U
trans-1,3-Dichloropropene	0.4		1 U	1 U	1 U	1 U	1 U	1 U
Trichloroethene	5		1 U	1 U	1 U	1 U	1 U	1 U
Vinyl chloride	2		1 U	1 U	1 U	1 U	1 U	1 U
Xylenes, Total	5		2 U	2 U	2 U	2 U	2 U	2 U

NOTES: NOTES:
U - not detected, U - not detected, J - estimated, D - Diluted Result, H - Holding time exceeded, R - unusable, NS - no standard, Dup - duplicate sample,
--- Not analyzed, --- Not analyzed, F - MS and/or MSD recovery/RPD exceeds the control limits
[ ] - Exceeds NYS [ ] - Exceeds NYS Class GA Ground Water Qaulity Standard
Trip Blank associa Trip Blank associated with samples collected on 10/29/07 contained Acetone and Methylene Chloride.
Data have not be Data have not been validated

RAMBOLL

Table 4
Groundwater Data - VOCs
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW Stds (ug.l)	Location ID / Depth Interva / Sample Date / Sample ID	MW-4S - 12/21/2016 MW-4S-122116 ug/l	MW-4S - 4/13/2017 MW-4S-041317 ug/l	MW-4S - 6/28/2017 MW-4S-062817 ug/l	MW-4S - 9/14/2017 MW-4S-091417 ug/l	MW-4S - 12/21/2017 MW-4S-122117 ug/l	MW-04S - 3/15/2018 MW 4S 031518 ug/l
1,1,1-Trichloroethane	5		1 U	1 U	1 U	1 U	1 U	1.0 U
1,1,2,2-Tetrachloroethane	5		1 U	1 U	1 U	1 U	1 U	1.0 U
1,1,2-Trichloroethane	1		1 U	1 U	1 U	1 U	1 U	1.0 U
1,1-Dichloroethane	5		1 U	1 U	1 U	1 U	1 U	1.0 U
1,1-Dichloroethene	5		1 U	1 U	1 U	1 U	1 U	1.0 U
1,2-Dichloroethane	0.6		1 U	1 U	1 U	1 U	1 U	1.0 U
1,2-Dichloroethene (Total)	5		---	---	---	---	---	---
1,2-Dichloropropane	1		1 U	1 U	1 U	1 U	1 U	1.0 U
2-Hexanone	50		5 U	5 U	5 U	5 U	5 U	5.0 U
4-Methyl-2-pentanone	NS		5 U	5 U	5 U	5 U	5 U	5.0 U
Acetone	50		10 U	10 U	3.5 J	10 U	10 U	10 U
Benzene	1		1 U	1 U	1 U	1 U	1 U	1.0 U
Bromodichloromethane	50		1 U	1 U	1 U	1 U	1 U	1.0 U
Bromoform	50		1 U	1 U	1 U	1 U	1 U	1.0 U
Bromomethane	5		1 U	1 U	1 U	1 U	1 U	1.0 U
Carbon disulfide	60		1 U	1 U	1 U	1 U	1 U	1.0 U
Carbon tetrachloride	5		1 U	1 U	1 U	1 U	1 U	1.0 U
Chlorobenzene	5		1 U	1 U	1 U	1 U	1 U	1.0 U
Chloroethane	5		1 U	1 U	1 U	1 U	1 U	1.0 U
Chloroform	7		1 U	1 U	1 U	1 U	1 U	1.0 U
cis-1,2-Dichloroethene	5		1 U	1 U	1 U	1 U	1 U	1.0 U
cis-1,3-Dichloropropene	0.4		1 U	1 U	1 U	1 U	1 U	1.0 U
Dibromochloromethane	50		1 U	1 U	1 U	1 U	1 U	1.0 U
Ethylbenzene	5		1 U	1 U	1 U	1 U	1 U	1.0 U
Methyl chloride	5		1 U	1 U	1 U	1 U	1 U	1.0 U
Methyl ethyl ketone	50		10 U *	10 U	10 U	10 U	10 U	10 U
Methylene chloride	5		1 U	1 U	1 U	1 U	1 U	1.0 U
Styrene	5		1 U	1 U	1 U	1 U	1 U	1.0 U
Tetrachloroethene	5		1 U	1 U	1 U	1 U	1 U	1.0 U
Toluene	5		1 U	1 U	1 U	1 U	1 U	1.0 U
trans-1,2-Dichloroethene	5		1 U	1 U	1 U	1 U	1 U	1.0 U
trans-1,3-Dichloropropene	0.4		1 U	1 U	1 U	1 U	1 U	1.0 U
Trichloroethene	5		1 U	1 U	1 U	1 U	1 U	1.0 U
Vinyl chloride	2		1 U	1 U	1 U	1 U	1 U	1.0 U
Xylenes, Total	5		2 U	2 U	2 U	2 U	2 U	2.0 U

NOTES: NOTES:
U - not detected, U - not detected, J - estimated, D - Diluted Result, H - Holding time exceeded, R - unusable, NS - no standard, Dup - duplicate sample,
--- Not analyzed, --- Not analyzed, F - MS and/or MSD recovery/RPD exceeds the control limits
[ ] - Exceeds NYS [ ] - Exceeds NYS Class GA Ground Water Qaulity Standard
Trip Blank associa Trip Blank associated with samples collected on 10/29/07 contained Acetone and Methylene Chloride.
Data have not be Data have not been validated

Table 4
Groundwater Data - VOCs
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW Stds (ug.l)	Location ID Depth Interva Sample Date Sample ID	MW-4S - 6/19/2018 MW-4S-061918 ug/l	MW-4S - 9/19/2018 MW-4S-091918 ug/l	MW-4S - 11/27/2018 MW-4D-091918 ug/l	MW-4S - 3/20/2019 MW-4D-032019 ug/l	MW-4S - 6/21/2109 MW-4S-062119 ug/l	MW-4S - 9/25/2019 MW-4S-092519 ug/l
1,1,1-Trichloroethane	5		1.0 U			1 U	1 U	1 U
1,1,2,2-Tetrachloroethane	5		1.0 U			1 U	1 U	1 U
1,1,2-Trichloroethane	1		1.0 U			1 U	1 U	1 U
1,1-Dichloroethane	5		1.0 U			1 U	1 U	1 U
1,1-Dichloroethene	5		1.0 U			1 U	1 U	1 U
1,2-Dichloroethane	0.6		1.0 U			1 U	1 U	1 U
1,2-Dichloroethene (Total)	5		---			---	---	---
1,2-Dichloropropane	1		1.0 U			1 U	1 U	1 U
2-Hexanone	50		5.0 U			5 U	5 U	5 U
4-Methyl-2-pentanone	NS		5.0 U			5 U	5 U	5 U
Acetone	50		10 U			10 U	10 U	10 U
Benzene	1		1.0 U			1 U	1 U	1 U
Bromodichloromethane	50		1.0 U			1 U	1 U	1 U
Bromoform	50		1.0 U	NOT SAMPLED	NOT SAMPLED	1 U	1 U	1 U
Bromomethane	5		1.0 U			1 U	1 U	1 U
Carbon disulfide	60		1.0 U			1 U	1 U	0.59 J
Carbon tetrachloride	5		1.0 U			1 U	1 U	1 U
Chlorobenzene	5		1.0 U			1 U	1 U	1 U
Chloroethane	5		1.0 U			1 U	1 U	1 U
Chloroform	7		1.0 U			1 U	1 U	1 U
cis-1,2-Dichloroethene	5		1.0 U			1 U	1 U	1 U
cis-1,3-Dichloropropene	0.4		1.0 U			1 U	1 U	1 U
Dibromochloromethane	50		1.0 U			1 U	1 U	1 U
Ethylbenzene	5		1.0 U			1 U	1 U	1 U
Methyl chloride	5		1.0 U			1 U	1 U	1 U
Methyl ethyl ketone	50		10 U			10 U	10 U	10 U
Methylene chloride	5		1.0 U			1 U	1 U	1 U
Styrene	5		1.0 U			1 U	1 U	1 U
Tetrachloroethene	5		1.0 U			1 U	1 U	1 U
Toluene	5		1.0 U			1 U	1 U	1 U
trans-1,2-Dichloroethene	5		1.0 U			1 U	1 U	1 U
trans-1,3-Dichloropropene	0.4		1.0 U			1 U	1 U	1 U
Trichloroethene	5		1.0 U			1 U	1 U	1 U
Vinyl chloride	2		1.0 U			1 U	1 U	1 U
Xylenes, Total	5		2.0 U			2 U	2 U	2 U

NOTES:
U - not detected, J - estimated, D - Diluted Result, H - Holding time exceeded, R - unusable, NS - no standard, Dup - duplicate sample,
--- Not analyzed, F - MS and/or MSD recovery/RPD exceeds the control limits
[ ] - Exceeds NYS Class GA Ground Water Qaulity Standard

NOTES:
Trip Blank associated with samples collected on 10/29/07 contained Acetone and Methylene Chloride.
Data have not been validated

Table 4
Groundwater Data - VOCs
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW Stds (ug.l)	Location ID Depth Interva Sample Date Sample ID	MW-4S - 12/19/2019 MW-4S-121919 ug/l	MW-04S - 3/19/2020 MW 4S 031920 ug/l	MW-04S -- 6/17/2020 MW4S061720 µg/L	MW-04S -- 9/23/2020 MW4S092320 µg/L	MW-04S -- 12/15/2020 MW4S121520 µg/L	MW-04S - 3/25/2021 MW4S032521 µg/L
1,1,1-Trichloroethane	5		1 U	1 U	1 U			1U
1,1,2,2-Tetrachloroethane	5		1 U	1 U	1 U			1U
1,1,2-Trichloroethane	1		1 U	1 U	1 U			1U
1,1-Dichloroethane	5		1 U	1 U	1 U			1U
1,1-Dichloroethene	5		1 U	1 U	1 U			1U
1,2-Dichloroethane	0.6		1 U	1 U	1 U			1U
1,2-Dichloroethene (Total)	5		---	---	---			---
1,2-Dichloropropane	1		1 U	1 U	1 U			1U
2-Hexanone	50		5 U	5 U	5 U			5U
4-Methyl-2-pentanone	NS		5 U	5 U	5 U			5U
Acetone	50		10 U	10 U	10 U			10U
Benzene	1		1 U	1 U	1 U			1U
Bromodichloromethane	50		1 U	1 U	1 U			1U
Bromoform	50		1 U	1 U *	1 U	NOT SAMPLED	NOT SAMPLED	1U
Bromomethane	5		1 U	1 U	1 U			1U
Carbon disulfide	60		1 U	1 U	1 U			1U
Carbon tetrachloride	5		1 U	1 U	1 U			1U
Chlorobenzene	5		1 U	1 U	1 U			1U
Chloroethane	5		1 U	1 U	1 U			1U
Chloroform	7		1 U	1 U	1 U			1U
cis-1,2-Dichloroethene	5		1 U	1 U	1 U			1U
cis-1,3-Dichloropropene	0.4		1 U	1 U	1 U			1U
Dibromochloromethane	50		1 U	1 U *	1 U			1U
Ethylbenzene	5		1 U	1 U	1 U			1U
Methyl chloride	5		1 U	1 U	1 U			1U
Methyl ethyl ketone	50		10 U	10 U	10 U			10U
Methylene chloride	5		1 U	1 U	1 U			1U
Styrene	5		1 U	1 U	1 U			1U
Tetrachloroethene	5		1 U	1 U	1 U			1U
Toluene	5		1 U	1 U	1 U			1U
trans-1,2-Dichloroethene	5		1 U	1 U	1 U			1U
trans-1,3-Dichloropropene	0.4		1 U	1 U	1 U			1U
Trichloroethene	5		1 U	1 U	1 U			1U
Vinyl chloride	2		1 U	1 U	1 U			1U
Xylenes, Total	5		2 U	2 U	2 U			2U

NOTES: NOTES:
U - not detected, U - not detected, J - estimated, D - Diluted Result, H - Holding time exceeded, R - unusable, NS - no standard, Dup - duplicate sample,
--- Not analyzed, --- Not analyzed, F - MS and/or MSD recovery/RPD exceeds the control limits
[ ] - Exceeds NYS[ ] - Exceeds NYS Class GA Ground Water Qaulity Standard
Trip Blank associa Trip Blank associated with samples collected on 10/29/07 contained Acetone and Methylene Chloride.
Data have not be Data have not been validated

RAMBOLL

Table 4
Groundwater Data - VOCs
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW Stds (ug.l)	Location ID Depth Interva Sample Date Sample ID	MW-4S - 6/16/2021 MW-4S-061621 µg/L	MW-04S - 9/23/2021 MW4S 092321 ug/l	MW-04S - 12/22/2021 MW4S 122221 ug/l	MW-04S - 3/22/2022 MW4S 032222 ug/l	MW-04S - 6/23/2022 MW-4S 062322 ug/l	MW-04S - 9/27/2022 MW4S092722 µg/L	MW-04S --- 12/21/2022 MW4S122122 ug/l
1,1,1-Trichloroethane	5		1 U	1 U	1.0 U	1.0 U	1.0 U		1.0 U
1,1,2,2-Tetrachloroethane	5		1 U	1 U	1.0 U	1.0 U	1.0 U		1.0 U
1,1,2-Trichloroethane	1		1 U	1 U	1.0 U	1.0 U	1.0 U		1.0 U
1,1-Dichloroethane	5		1 U	1 U	1.0 U	1.0 U	1.0 U		1.0 U
1,1-Dichloroethene	5		1 U	1 U	1.0 U	1.0 U	1.0 U		1.0 U
1,2-Dichloroethane	0.6		1 U	1 U	1.0 U	1.0 U	1.0 U		1.0 U
1,2-Dichloroethene (Total)	5		---	---	---	---	---		---
1,2-Dichloropropane	1		1 U	1 U	1.0 U	1.0 U	1.0 U		1.0 U
2-Hexanone	50		5 U	5 U	5.0 U	5.0 U	5.0 U		5.0 U *+
4-Methyl-2-pentanone	NS		5 U	5 U	5.0 U	5.0 U	5.0 U		5.0 U *+
Acetone	50		10 U	3.7 J	10 U	10 U	10 U		10 U
Benzene	1		1 U	1 U	1.0 U	1.0 U	1.0 U		1.0 U
Bromodichloromethane	50		1 U	1 U	1.0 U	1.0 U	1.0 U		1.0 U
Bromoform	50		1 U	1 U	1.0 U	1.0 U	1.0 U	NOT SAMPLED	1.0 U
Bromomethane	5		1 U	1 U	1.0 U	1.0 U	1.0 U		1.0 U
Carbon disulfide	60		1 U	1 U	1.0 U	1.0 U	1.0 U		1.0 U
Carbon tetrachloride	5		1 U	1 U	1.0 U	1.0 U	1.0 U		1.0 U
Chlorobenzene	5		1 U	1 U	1.0 U	1.0 U	1.0 U		1.0 U
Chloroethane	5		1 U	1 U	1.0 U	1.0 U	1.0 U		1.0 U
Chloroform	7		1 U	1 U	1.0 U	1.0 U	1.0 U		1.0 U
cis-1,2-Dichloroethene	5		1 U	1 U	1.0 U	1.0 U	1.0 U		1.0 U
cis-1,3-Dichloropropene	0.4		1 U	1 U	1.0 U	1.0 U	1.0 U		1.0 U
Dibromochloromethane	50		1 U	1 U	1.0 U	1.0 U	1.0 U		1.0 U
Ethylbenzene	5		1 U	1 U	1.0 U	1.0 U	1.0 U		1.0 U
Methyl chloride	5		1 U	1 U	1.0 U	1.0 U	1.0 U		1.0 U
Methyl ethyl ketone	50		10 U	10 U	10 U	10 U	10 U		10 U
Methylene chloride	5		1 U	1 U	1.0 U	1.0 U	1.0 U		1.0 U
Styrene	5		1 U	1 U	1.0 U	1.0 U	1.0 U		1.0 U
Tetrachloroethene	5		1 U	1 U	1.0 U	1.0 U	1.0 U		1.0 U
Toluene	5		1 U	1 U	1.0 U	1.0 U	1.0 U		1.0 U
trans-1,2-Dichloroethene	5		1 U	1 U	1.0 U	1.0 U	1.0 U		1.0 U
trans-1,3-Dichloropropene	0.4		1 U	1 U	1.0 U	1.0 U	1.0 U		1.0 U
Trichloroethene	5		1 U	1 U	1.0 U	1.0 U	1.0 U		1.0 U
Vinyl chloride	2		1 U	1 U	1.0 U	1.0 U	1.0 U		1.0 U
Xylenes, Total	5		2 U	2 U	2.0 U	2.0 U	2.0 U		2.0 U

NOTES: NOTES:
U - not detected, U - not detected, J - estimated, D - Diluted Result, H - Holding time exceeded, R - unusable, NS - no standard, Dup - duplicate sample,
--- Not analyzed, --- Not analyzed, F - MS and/or MSD recovery/RPD exceeds the control limits
[ ] - Exceeds NYS [ ] - Exceeds NYS Class GA Ground Water Qaulity Standard
Trip Blank associa Trip Blank associated with samples collected on 10/29/07 contained Acetone and Methylene Chloride.
Data have not be Data have not been validated

Table 4
Groundwater Data - VOCs
Forest Glen Superfund Site
Niagara Falls, New York

		Location ID	MW-05D	MW-05D	MW-05D	MW-05D	MW-05D	MW-05D
		Depth Interva	-	-	-	-	-	-
		Sample Date	9/13/1995	11/14/1995	7/24/1997	9/16/1997	2/17/2000	8/14/2001
		Sample ID	MW-05D_WG_091395	MW-05D_WG_111495	MW-05D_WG_072497	MW-05D_WG_091697	MW-05D_WG_021700	MW-05D_WG_081401
Chemical Name	Class GA GW tandards (ug/l)		ug/l	ug/l	ug/l	ug/l	ug/l	ug/l
1,1,1-Trichloroethane	5		**[5]**	**[12]**	**[17]**	**[22]**	**[11]**	**[8]**
1,1,2,2-Tetrachloroethane	5		10 U	10 U	1 U	1 U	0.5 U	0.5 U
1,1,2-Trichloroethane	1		10 U	10 U	1 U	1 U	0.5 U	0.5 U
1,1-Dichloroethane	5		**[8]**	**[13]**	**[26]**	**[33]**	**[20]**	**[19]**
1,1-Dichloroethene	5		10 U	10 U	1.1	1.8	0.9	0.4 J
1,2-Dichloroethane	0.6		10 U	10 U	1 U	1 U	0.5 U	0.5 U
1,2-Dichloroethene (Total)	5		21	68	**[63.2]**	**[101.8]**	---	---
1,2-Dichloropropane	1		10 U	10 U	1 U	1 U	0.5 U	0.5 U
2-Hexanone	50		10 U	10 U	2 U	2 U	5 U	5 U
4-Methyl-2-pentanone	NS		10 U	10 U	2 U	2 U	5 U	5 U
Acetone	50		10 U	10 U	2 U	2 U	10 U	10 J
Benzene	1		10 U	10 U	1 U	1 U	0.5 U	0.5 U
Bromodichloromethane	50		10 U	10 U	1 U	1 U	0.5 U	0.5 U
Bromoform	50		10 U	10 U	1 U	1 U	0.5 U	0.5 U
Bromomethane	5		10 U	10 U	2 U	2 U	1 U	1 U
Carbon disulfide	60		10 U	10 U	1 U	1 U	0.5 U	0.5 U
Carbon tetrachloride	5		10 U	10 U	1 U	1 U	0.5 U	0.5 U
Chlorobenzene	5		10 U	10 U	1 U	1 U	0.5 U	0.5 U
Chloroethane	5		10 U	10 U	1 U	1 U	0.6 J	0.3 J
Chloroform	7		10 U	10 U	1 U	1 U	0.5 U	0.5 U
cis-1,2-Dichloroethene	5		---	---	---	---	**[37]**	**[30]**
cis-1,3-Dichloropropene	0.4		10 U	10 U	1 U	1 U	0.5 U	0.5 U
Dibromochloromethane	50		10 U	10 U	1 U	1 U	0.5 U	0.5 U
Ethylbenzene	5		0.6	10 U	1 U	1 U	0.5 U	0.5 U
Methyl chloride	5		10 U	10 U	1 U	1 U	1 U	1 U
Methyl ethyl ketone	50		10 U	10 U	4 U	4 U	10 U	10 U
Methylene chloride	5		10 U	10 U	1 U	1 U	2 U	2 J
Styrene	5		10 U	10 U	1 U	1 U	0.5 U	0.5 U
Tetrachloroethene	5		10 U	10 U	1 U	0.6	0.2 J	0.5 U
Toluene	5		2	10 U	1 U	1 U	0.5 U	0.5 U
trans-1,2-Dichloroethene	5		---	---	---	---	1	0.3 J
trans-1,3-Dichloropropene	0.4		10 U	10 U	1 U	1 U	0.5 U	0.5 U
Trichloroethene	5		1	4	2.7	3.5	2	0.6
Vinyl chloride	2		**[15]**	**[44]**	**[57]**	**[84]**	**[30]**	**[30]**
Xylenes, Total	5		3	10 U	1 U	1 U	0.5 U	0.5 U

NOTES:
U - not detected, J - estimated, D - Diluted Result, H - Holding time exceeded, R - unusable, NS - no standard, Dup - duplicate sample,
--- Not analyzed, F - MS and/or MSD recovery/RPD exceeds the control limits
[ ] - Exceeds NYS Class GA Ground Water Qaulity Standard
Trip Blank associated with samples collected on 10/29/07 contained Acetone and Methylene Chloride.
Data have not been validated

Table 4
Groundwater Data - VOCs
Forest Glen Superfund Site
Niagara Falls, New York

		Location ID	MW-05D	MW-05D	MW-05D	MW-05D	MW-05D	MW-05D
		Depth Interva	-	-	-	-	-	-
		Sample Date	11/29/2001	2/27/2002	5/15/2002	7/30/2003	2/6/2004	5/19/2004
		Sample ID	MW-05D_WG_112901	MW-05D_WG_022702	MW-05D_WG_051502	MW-05D_WG_073003	MW-05D_WG_020604	MW-05D_WG_051904
Chemical Name	Class GA GW tandards (ug/l)		ug/l	ug/l	ug/l	ug/l	ug/l	ug/l
1,1,1-Trichloroethane	5		**[8]**	**[6]**	**[5]**	3	2	1
1,1,2,2-Tetrachloroethane	5		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1,2-Trichloroethane	1		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1-Dichloroethane	5		**[18]**	**[17]**	**[17]**	**[6]**	**[5]**	3
1,1-Dichloroethene	5		0.5	0.4 J	0.4 J	0.3 J	0.3 J	0.5 U
1,2-Dichloroethane	0.6		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,2-Dichloroethene (Total)	5		---	---	---	---	---	---
1,2-Dichloropropane	1		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
2-Hexanone	50		5 U	5 U	5 U	5 U	5 U	5 U
4-Methyl-2-pentanone	NS		5 U	5 U	5 U	5 U	5 U	5 U
Acetone	50		10 U	10 U	10 U	1 J	10 U	2 J
Benzene	1		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Bromodichloromethane	50		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Bromoform	50		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Bromomethane	5		1 U	1 U	1 U	1 U	1 U	1 U
Carbon disulfide	60		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Carbon tetrachloride	5		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Chlorobenzene	5		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Chloroethane	5		0.4 J	0.4 J	0.4 J	1 U	1 U	1 U
Chloroform	7		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
cis-1,2-Dichloroethene	5		**[40]**	**[28]**	**[24]**	**[17]**	**[13]**	**[7]**
cis-1,3-Dichloropropene	0.4		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Dibromochloromethane	50		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Ethylbenzene	5		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Methyl chloride	5		1 U	1 U	1 U	1 U	1 U	1 U
Methyl ethyl ketone	50		10 U	10 U	10 U	10 U	10 U	10 U
Methylene chloride	5		2 U	2 U	2 U	2 U	2 U	2 U
Styrene	5		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Tetrachloroethene	5		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Toluene	5		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
trans-1,2-Dichloroethene	5		0.4 J	0.3 J	0.3 J	0.3 J	0.2 J	0.1 J
trans-1,3-Dichloropropene	0.4		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Trichloroethene	5		0.7	0.6	0.6	0.3 J	0.3 J	0.2 J
Vinyl chloride	2		**[33]**	**[21]**	**[20]**	**[13]**	**[9]**	**[5]**
Xylenes, Total	5		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U

NOTES:
U - not detected, J - estimated, D - Diluted Result, H - Holding time exceeded, R - unusable, NS - no standard, Dup - duplicate sample,
--- Not analyzed, F - MS and/or MSD recovery/RPD exceeds the control limits
[ ] - Exceeds NYS Class GA Ground Water Qaulity Standard
Trip Blank associated with samples collected on 10/29/07 contained Acetone and Methylene Chloride.
Data have not been validated

Table 4
Groundwater Data - VOCs
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW tandards (ug/l)		Location ID	MW-05D	MW-05D	MW-05D	MW-05D	MW-05D	MW-05D
			Depth Interva	-	-	-	-	-	-
			Sample Date	8/5/2004	11/17/2004	2/16/2005	4/20/2005	9/7/2005	11/15/2005
			Sample ID	MW-05D_WG_080504	MW-05D_WG_111704	MW-05D_WG_021605	MW-05D_WG_042005	MW-5D_09072005	MW-5D_11152005
				ug/l	ug/l	ug/l	ug/l	ug/l	ug/l
1,1,1-Trichloroethane	5			0.9	1	0.6	0.6	0.5 J	0.42 J
1,1,2,2-Tetrachloroethane	5			0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U
1,1,2-Trichloroethane	1			0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U
1,1-Dichloroethane	5			3	4	2	3	2.4	2.42
1,1-Dichloroethene	5			0.1 J	0.2 J	0.1 J	0.1 J	1 U	0.1 J
1,2-Dichloroethane	0.6			0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U
1,2-Dichloroethene (Total)	5			---	---	---	---	---	---
1,2-Dichloropropane	1			0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U
2-Hexanone	50			5 U	5 U	5 U	5 U	10 U	5 U
4-Methyl-2-pentanone	NS			5 U	5 U	5 U	5 U	10 U	5 U
Acetone	50			4 J	10 U	3 J	10 U	2.2 J	10 U
Benzene	1			0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U
Bromodichloromethane	50			0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U
Bromoform	50			0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U
Bromomethane	5			1 U	1 U	1 U	1 U	2 U	1 U
Carbon disulfide	60			0.5 U	0.5 U	0.1 J	0.5 U	1 U	0.5 U
Carbon tetrachloride	5			0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U
Chlorobenzene	5			0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U
Chloroethane	5			1 U	1 U	1 U	1 U	2 U	1 U
Chloroform	7			0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U
cis-1,2-Dichloroethene	5			**[6]**	**[8]**	4	4	4.6	4.39
cis-1,3-Dichloropropene	0.4			0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U
Dibromochloromethane	50			0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U
Ethylbenzene	5			0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U
Methyl chloride	5			1 U	1 U	1 U	1 U	2 U	1 U
Methyl ethyl ketone	50			10 U	10 U	10 U	10 U	20 U	10 U
Methylene chloride	5			2 U	2 U	2 U	2 U	0.56 J	2 U
Styrene	5			0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U
Tetrachloroethene	5			0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U
Toluene	5			0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U
trans-1,2-Dichloroethene	5			0.1 J	0.5 U	0.1 J	0.5 U	1 U	0.5 U
trans-1,3-Dichloropropene	0.4			0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U
Trichloroethene	5			0.1 J	0.2 J	0.1 J	0.1 J	1 U	0.13 J
Vinyl chloride	2			**[4]**	**[5]**	**[3]**	**[3]**	**[3.08]**	**[2.86]**
Xylenes, Total	5			0.5 U	0.5 U	0.5 U	0.5 U	2 U	1 U

NOTES:
U - not detected, J - estimated, D - Diluted Result, H - Holding time exceeded, R - unusable, NS - no standard, Dup - duplicate sample,
--- Not analyzed, F - MS and/or MSD recovery/RPD exceeds the control limits
[ ] - Exceeds NYS Class GA Ground Water Qaulity Standard
Trip Blank associated with samples collected on 10/29/07 contained Acetone and Methylene Chloride.
Data have not been validated

RAMBOLL

Table 4
Groundwater Data - VOCs
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW tandards (ug/l)		Location ID	MW-05D	MW-05D	MW-05D	MW-05D	MW-05D	MW-05D
			Depth Interva	-	-	-	-	-	-
			Sample Date	4/27/2006	11/14/2006	5/2/2007	10/30/2007	5/23/2008	11/19/2008
			Sample ID	MW-5D_04272006	MW-5D_11142006	MW-5D_050207	MW 5 D-103007	MW-5D-052208	MW-5D
				ug/l	ug/l	ug/l	ug/l	ug/l	ug/l
1,1,1-Trichloroethane	5			0.3 J	0.22 J	0.19 J	0.11 JH	0.5 U	0.15 J
1,1,2,2-Tetrachloroethane	5			0.5 U	0.5	0.5 U	0.5 HU	0.5 U	0.5 U
1,1,2-Trichloroethane	1			0.5 U	0.5	0.5 U	0.5 HU	0.5 U	0.5 U
1,1-Dichloroethane	5			1.9	1.49	1.32	1.08 H	1.16	1.3
1,1-Dichloroethene	5			0.5 U	0.5	0.5 U	0.5 HU	0.5 U	0.5 U
1,2-Dichloroethane	0.6			0.5 U	0.5	0.5 U	0.5 HU	0.5 U	0.5 U
1,2-Dichloroethene (Total)	5			---	---	---	---	---	---
1,2-Dichloropropane	1			0.5 U	0.5	0.5 U	0.5 HU	0.5 U	0.5 U
2-Hexanone	50			5 U	5	5 U	5 HU	5 U	5 U
4-Methyl-2-pentanone	NS			5 U	5	5 U	5 HU	5 U	5 U
Acetone	50			10 U	10	10 U	10 HU	10 U	10 U
Benzene	1			0.5 U	0.5	0.5 U	0.5 HU	0.5 U	0.5 U
Bromodichloromethane	50			0.5 U	0.5	0.5 U	0.5 HU	0.5 U	0.5 U
Bromoform	50			0.5 U	0.5	0.5 U	0.5 HU	1 U	1 U
Bromomethane	5			1 U	1	1 U	1 HU	1 U	1 U
Carbon disulfide	60			0.5 U	0.5	0.5 U	0.5 HU	0.5 U	0.5 U
Carbon tetrachloride	5			0.5 U	0.5	0.5 U	0.5 HU	0.5 U	0.5 U
Chlorobenzene	5			0.5 U	0.5	0.5 U	0.5 HU	0.5 U	0.5 U
Chloroethane	5			1 U	1	1 U	1 HU	1 U	1 U
Chloroform	7			0.5 U	0.5	0.5 U	0.5 HU	0.5 U	0.5 U
cis-1,2-Dichloroethene	5			3.46	3.05	2.93	2.28 H	2.72	2.63
cis-1,3-Dichloropropene	0.4			0.5 U	**[0.5]**	0.5 U	0.5 HU	0.5 U	0.5 U
Dibromochloromethane	50			0.5 U	0.5	0.5 U	0.5 HU	0.5 U	0.5 U
Ethylbenzene	5			0.5 U	0.5	0.5 U	0.5 HU	0.5 U	0.5 U
Methyl chloride	5			1 U	1	1 U	1 HU	1 U	1 U
Methyl ethyl ketone	50			10 U	10	10 U	10 HU	10 U	10 U
Methylene chloride	5			2 U	2	2 U	2 HU	2 U	2 U
Styrene	5			0.5 U	0.5	0.5 U	0.5 HU	0.5 U	0.5 U
Tetrachloroethene	5			0.5 U	0.5	0.5 U	0.5 HU	0.5 U	0.5 U
Toluene	5			0.5 U	0.5	0.5 U	0.5 HU	0.5 U	0.5 U
trans-1,2-Dichloroethene	5			0.5 U	0.5	0.5 U	0.5 HU	0.5 U	0.5 U
trans-1,3-Dichloropropene	0.4			0.5 U	**[0.5]**	0.5 U	0.5 HU	0.5 U	0.5 U
Trichloroethene	5			0.1 J	0.5	0.13 J	0.5 HU	0.5 U	0.5 U
Vinyl chloride	2			**[2.39]**	1.87	1.8	1.66 H	**[2.47]**	**[2.17]**
Xylenes, Total	5			1 U	1	1 U	1 HU	1 U	1 U

NOTES:
U - not detected, J - estimated, D - Diluted Result, H - Holding time exceeded, R - unusable, NS - no standard, Dup - duplicate sample,
--- Not analyzed, F - MS and/or MSD recovery/RPD exceeds the control limits
[ ] - Exceeds NYS Class GA Ground Water Qaulity Standard
Trip Blank associated with samples collected on 10/29/07 contained Acetone and Methylene Chloride.
Data have not been validated

Table 4
Groundwater Data - VOCs
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW tandards (ug/l)		Location ID	MW-05D	MW-05D	MW-05D	MW-05D	MW-05D	MW-05D
			Depth Interva	-	-	-	-	-	-
			Sample Date	10/21/2009	5/19/2010	1/20/2011	4/20/2011	7/28/2011	10/27/2011
			Sample ID	W-5D-102109102120	W-5D-051910051920	MW-5D-01202011	MW-5D-042011	MW-5D 072811	MW5D102711
				ug/l	ug/l	ug/l	ug/l	ug/l	ug/l
1,1,1-Trichloroethane	5			1 U	1 U	1 U	1 U	1 U	1 U
1,1,2,2-Tetrachloroethane	5			1 U	1 U	1 U	1 U	1 U	1 U
1,1,2-Trichloroethane	1			1 U	1 U	1 U	1 U	1 U	1 U
1,1-Dichloroethane	5			1.1	0.87 J	1	0.85 J	0.8 J	0.69 J
1,1-Dichloroethene	5			1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichloroethane	0.6			1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichloroethene (Total)	5			---	---	---	---	---	---
1,2-Dichloropropane	1			1 U	1 U	1 U	1 U	1 U	1 U
2-Hexanone	50			5 U	5 U	5 U	5 U	5 U	5 U
4-Methyl-2-pentanone	NS			5 U	5 U	5 U	5 U	5 U	5 U
Acetone	50			5 U	5 U	10 U	10 U	10 U	10 U
Benzene	1			1 U	1 U	1 U	1 U	1 U	1 U
Bromodichloromethane	50			1 U	1 U	1 U	1 U	1 U	1 U
Bromoform	50			1 U	1 U	1 U	1 U	1 U	1 U
Bromomethane	5			1 U	1 U	1 U	1 U	1 U	1 U
Carbon disulfide	60			1 U	1 U	1 U	1 U	1 U	1 U
Carbon tetrachloride	5			1 U	1 U	1 U	1 U	1 U	1 U
Chlorobenzene	5			1 U	1 U	1 U	1 U	1 U	1 U
Chloroethane	5			1 U	1 U	1 U	1 U	1 U	1 U
Chloroform	7			1 U	1 U	1 U	1 U	1 U	1 U
cis-1,2-Dichloroethene	5			2.5	1.7	2.1	1.6	1.5	1.4
cis-1,3-Dichloropropene	0.4			1 U	1 U	1 U	1 U	1 U	1 U
Dibromochloromethane	50			1 U	1 U	1 U	1 U	1 U	1 U
Ethylbenzene	5			1 U	1 U	1 U	1 U	1 U	1 U
Methyl chloride	5			1 U	1 U	0.75 J	1 U	1 U	1 U
Methyl ethyl ketone	50			5 U	5 U	10 U	10 U	10 U	10 U
Methylene chloride	5			1 U	1 U	1 U	1 U	1 U	1 U
Styrene	5			1 U	1 U	1 U	1 U	1 U	1 U
Tetrachloroethene	5			1 U	1 U	1 U	1 U	1 U	1 U
Toluene	5			1 U	1 U	1 U	1 U	1 U	1 U
trans-1,2-Dichloroethene	5			1 U	1 U	1 U	1 U	1 U	1 U
trans-1,3-Dichloropropene	0.4			1 U	1 U	1 U	1 U	1 U	1 U
Trichloroethene	5			1 U	1 U	1 U	1 U	1 U	1 U
Vinyl chloride	2			**[2.9]**	1.2	1.8	1.3	0.93 J	0.92 J
Xylenes, Total	5			2 U	2 U	2 U	2 U	2 U	2 U

NOTES:
U - not detected, J - estimated, D - Diluted Result, H - Holding time exceeded, R - unusable, NS - no standard, Dup - duplicate sample,
--- Not analyzed, F - MS and/or MSD recovery/RPD exceeds the control limits
[ ] - Exceeds NYS Class GA Ground Water Qaulity Standard
Trip Blank associated with samples collected on 10/29/07 contained Acetone and Methylene Chloride.
Data have not been validated

Table 4
Groundwater Data - VOCs
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW tandards (ug/l)		Location ID	MW-05D	MW-5D	MW-5D	MW-5D	MW-5D	MW-5D
			Depth Interva	-	-	-	-	-	-
			Sample Date	3/22/2012	8/9/2012	12/19/2012	5/22/2013	8/21/2013	12/19/2013
			Sample ID	MW5D032212	MW5D080912	MW-5D-121912	MW-5D-052213	MW-5D-082113	MW-5D-121913
				ug/l	ug/l	ug/l	ug/l	ug/l	ug/l
1,1,1-Trichloroethane	5			1 U	1 U	1 U	1 U	1 U	1 U
1,1,2,2-Tetrachloroethane	5			1 U	1 U	1 U	1 U	1 U	1 U
1,1,2-Trichloroethane	1			1 U	1 U	1 U	1 U	1 U	1 U
1,1-Dichloroethane	5			0.85 J	0.83 J	0.77 J	0.59 J	0.62 J	0.79 J
1,1-Dichloroethene	5			1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichloroethane	0.6			1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichloroethene (Total)	5			---	---	---	---	---	---
1,2-Dichloropropane	1			1 U	1 U	1 U	1 U	1 U	1 U
2-Hexanone	50			5 U	5 U	5 U	5 U	5 U	5 U
4-Methyl-2-pentanone	NS			5 U	5 U	5 U	5 U	5 U	5 U
Acetone	50			10 U	10 U	10 U	10 U	10 U	10 U
Benzene	1			1 U	1 U	1 U	1 U	1 U	1 U
Bromodichloromethane	50			1 U	1 U	1 U	1 U	1 U	1 U
Bromoform	50			1 U	1 U	1 U	1 U	1 U	1 U
Bromomethane	5			1 U	1 U	1 U	1 U	1 U	1 U
Carbon disulfide	60			1 U	1 U	1 U	1 U	1 U	1 U
Carbon tetrachloride	5			1 U	1 U	1 U	1 U	1 U	1 U
Chlorobenzene	5			1 U	1 U	1 U	1 U	1 U	1 U
Chloroethane	5			1 U	1 U	1 U	1 U	1 U	1 U
Chloroform	7			1 U	1 U	1 U	1 U	1 U	1 U
cis-1,2-Dichloroethene	5			1.4	1.5	1.5	1 U	1	1.4
cis-1,3-Dichloropropene	0.4			1 U	1 U	1 U	1 U	1 U	1 U
Dibromochloromethane	50			1 U	1 U	1 U	1 U	1 U	1 U
Ethylbenzene	5			1 U	1 U	1 U	1 U	1 U	1 U
Methyl chloride	5			1 U	1 U	1 U	1 U	1 U	1 U
Methyl ethyl ketone	50			10 U	10 U	10 U	10 U	10 U	10 U
Methylene chloride	5			1 U	1 U	1 U	1 U	1 U	1 U
Styrene	5			1 U	1 U	1 U	1 U	1 U	1 U
Tetrachloroethene	5			1 U	1 U	1 U	1 U	1 U	1 U
Toluene	5			1 U	1 U	1 U	1 U	1 U	1 U
trans-1,2-Dichloroethene	5			1 U	1 U	1 U	1 U	1 U	1 U
trans-1,3-Dichloropropene	0.4			1 U	1 U	1 U	1 U	1 U	1 U
Trichloroethene	5			1 U	1 U	1 U	1 U	1 U	1 U
Vinyl chloride	2			1.3	1.1	1 U	1 U	0.94 J	0.94 J
Xylenes, Total	5			2 U	2 U	2 U	2 U	2 U	2 U

NOTES:
U - not detected, J - estimated, D - Diluted Result, H - Holding time exceeded, R - unusable, NS - no standard, Dup - duplicate sample,
--- Not analyzed, F - MS and/or MSD recovery/RPD exceeds the control limits
[ ] - Exceeds NYS Class GA Ground Water Qaulity Standard
Trip Blank associated with samples collected on 10/29/07 contained Acetone and Methylene Chloride.
Data have not been validated

RAMBOLL

Table 4
Groundwater Data - VOCs
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW tandards (ug/l)		Location ID	MW-5D	MW-5D	MW-5D	MW-5D	MW-5D	MW-5D
			Depth Interva	-	-	-	-	-	-
			Sample Date	3/27/2014	6/10/2014	9/25/2014	12/9/2014	3/17/2015	6/25/2015
			Sample ID	MW-5D-032714	MW-5D-061014	MW 5D 092514	MW 5D 120914	MW5D 031715	MW 5D 062515
				ug/l	ug/l	ug/l	ug/l	ug/l	ug/l
1,1,1-Trichloroethane	5			1 U	1 U	1 U	1 U*	1 U	1 U
1,1,2,2-Tetrachloroethane	5			1 U	1 U	1 U	1 U	1 U	1 U
1,1,2-Trichloroethane	1			1 U	1 U	1 U	1 U	1 U	1 U
1,1-Dichloroethane	5			0.55 J	0.62 J	0.49 J	1 U	1 U	0.57 J
1,1-Dichloroethene	5			1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichloroethane	0.6			1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichloroethene (Total)	5			---	---	---	---	---	---
1,2-Dichloropropane	1			1 U	1 U	1 U	1 U	1 U	1 U
2-Hexanone	50			5 U*	5 U	5 U	5 U	5 U	5 U
4-Methyl-2-pentanone	NS			5 U	5 U	5 U	5 U	5 U	5 U
Acetone	50			10 U	10 U	10 U	10 U	10 U	10 U
Benzene	1			1 U	1 U	1 U	1 U	1 U	1 U
Bromodichloromethane	50			1 U	1 U	1 U	1 U	1 U	1 U
Bromoform	50			1 U	1 U	1 U	1 U*	1 U	1 U
Bromomethane	5			1 U	1 U	1 U	1 U	1 U	1 U
Carbon disulfide	60			1 U	1 U	1 U	1 U	1 U	1 U
Carbon tetrachloride	5			1 U	1 U	1 U	1 U	1 U	1 U
Chlorobenzene	5			1 U	1 U	1 U	1 U	1 U	1 U
Chloroethane	5			1 U	1 U	1 U	1 U	1 U	1 U
Chloroform	7			1 U	1 U	1 U	1 U	1 U	1 U
cis-1,2-Dichloroethene	5			0.97 J	0.92 J	1 U	1 U	1 U	1 U
cis-1,3-Dichloropropene	0.4			1 U	1 U	1 U	1 U	1 U	1 U
Dibromochloromethane	50			1 U	1 U	1 U	1 U*	1 U	1 U
Ethylbenzene	5			1 U	1 U	1 U	1 U	1 U	1 U
Methyl chloride	5			1 U	1 U	1 U	1 U	1 U	1 U
Methyl ethyl ketone	50			10 U*	10 U	10 U	10 U	10 U	10 U
Methylene chloride	5			1 U	1 U	1 U	1 U	1 U	1 U
Styrene	5			1 U	1 U	1 U	1 U	1 U	1 U
Tetrachloroethene	5			1 U	1 U	1 U	1 U	1 U	1 U
Toluene	5			1 U	1 U	1 U	1 U	1 U	1 U
trans-1,2-Dichloroethene	5			1 U	1 U	1 U	1 U	1 U	1 U
trans-1,3-Dichloropropene	0.4			1 U	1 U	1 U	1 U	1 U	1 U
Trichloroethene	5			1 U	1 U	1 U	1 U	1 U	1 U
Vinyl chloride	2			1 U	1 U	1 U	1 U	1 U	1 U
Xylenes, Total	5			2 U	2 U	2 U	2 U	2 U	2 U

NOTES:
U - not detected, J - estimated, D - Diluted Result, H - Holding time exceeded, R - unusable, NS - no standard, Dup - duplicate sample,
--- Not analyzed, F - MS and/or MSD recovery/RPD exceeds the control limits
[ ] - Exceeds NYS Class GA Ground Water Qaulity Standard
Trip Blank associated with samples collected on 10/29/07 contained Acetone and Methylene Chloride.
Data have not been validated

Table 4
Groundwater Data - VOCs
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW tandards (ug/l)		Location ID	MW-5D	MW-5D	MW-5D	MW-5D	MW-5D	X-1
			Depth Interva	-	-	-	-	-	-
			Sample Date	9/22/2015	1/13/2016	3/30/2016	6/21/2016	9/20/2016	9/20/2016
			Sample ID	MW5D 092215	MW5D 011316	MW-5D-033016	MW-5D-062116	MW-5D-092016	MW-5D-092016
				ug/l	ug/l	ug/l	ug/l	ug/l	ug/l
1,1,1-Trichloroethane	5			1 U	1 U	1 U	1 U	1 U	1 U
1,1,2,2-Tetrachloroethane	5			1 U	1 U	1 U	1 U	1 U	1 U
1,1,2-Trichloroethane	1			1 U	1 U	1 U	1 U	1 U	1 U
1,1-Dichloroethane	5			0.55 J	0.6 J	0.6 J	0.58 J	0.58 J	0.54 J
1,1-Dichloroethene	5			1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichloroethane	0.6			1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichloroethene (Total)	5			---	---	----	---	---	---
1,2-Dichloropropane	1			1 U	1 U	1 U	1 U	1 U	1 U
2-Hexanone	50			5 U	5 U	5 U	5 U	5 U	5 U
4-Methyl-2-pentanone	NS			5 U	5 U	5 U	5 U	5 U	5 U
Acetone	50			10 U	10 U *	10 U*	10 U	10 U	10 U
Benzene	1			1 U	1 U	1 U	1 U	1 U	1 U
Bromodichloromethane	50			1 U	1 U	1 U	1 U	1 U	1 U
Bromoform	50			1 U	1 U	1 U	1 U	1 U	1 U
Bromomethane	5			1 U	1 U	1 U	1 U	1 U	1 U
Carbon disulfide	60			1 U	1 U	1 U	1 U	1 U	1 U
Carbon tetrachloride	5			1 U	1 U	1 U	1 U	1 U	1 U
Chlorobenzene	5			1 U	1 U	1 U	1 U	1 U	1 U
Chloroethane	5			1 U	1 U	1 U	1 U	1 U	1 U
Chloroform	7			1 U	1 U	1 U	1 U	1 U	1 U
cis-1,2-Dichloroethene	5			1 U	0.92 J	1 U	1 U	1 U	1 U
cis-1,3-Dichloropropene	0.4			1 U	1 U	1 U	1 U	1 U	1 U
Dibromochloromethane	50			1 U	1 U	1 U	1 U	1 U	1 U
Ethylbenzene	5			1 U	1 U	1 U	1 U	1 U	1 U
Methyl chloride	5			1 U	1 U	1 U	1 U	1 U	1 U
Methyl ethyl ketone	50			10 U	10 U	10 U	10 U	10 U	10 U
Methylene chloride	5			1 U	1 U	1 U	1 U	1 U	1 U
Styrene	5			1 U	1 U	1 U	1 U	1 U	1 U
Tetrachloroethene	5			1 U	1 U	1 U	1 U	1 U	1 U
Toluene	5			1 U	1 U	1 U	1 U	1 U	1 U
trans-1,2-Dichloroethene	5			1 U	1 U	1 U	1 U	1 U	1 U
trans-1,3-Dichloropropene	0.4			1 U	1 U	1 U	1 U	1 U	1 U
Trichloroethene	5			1 U	1 U	1 U	1 U	1 U	1 U
Vinyl chloride	2			1 U	1 U	1 U	1 U	1 U	1 U
Xylenes, Total	5			2 U	2 U	2 U	2 U	2 U	2 U

NOTES:
U - not detected, J - estimated, D - Diluted Result, H - Holding time exceeded, R - unusable, NS - no standard, Dup - duplicate sample,
--- Not analyzed, F - MS and/or MSD recovery/RPD exceeds the control limits
[ ] - Exceeds NYS Class GA Ground Water Qaulity Standard
Trip Blank associated with samples collected on 10/29/07 contained Acetone and Methylene Chloride.
Data have not been validated

RAMBOLL

Table 4
Groundwater Data - VOCs
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW tandards (ug/l)		Location ID	MW-5D	MW-5D	MW-5D	MW-5D	MW-5D	MW-05D
			Depth Interva	-	-	-	-	-	-
			Sample Date	12/21/2016	4/12/2017	6/27/2017	9/14/2017	12/21/2017	3/15/2018
			Sample ID	MW-5D-122116	MW-5D-041217	MW-5D-062717	MW-5D-091417	MW-5D-122117	MW 5D 031518
				ug/l	ug/l	ug/l	ug/l	ug/l	ug/l
1,1,1-Trichloroethane	5			1 U	1 U	1 U	1 U	1 U	1.0 U
1,1,2,2-Tetrachloroethane	5			1 U	1 U	1 U	1 U	1 U	1.0 U
1,1,2-Trichloroethane	1			1 U	1 U	1 U	1 U	1 U	1.0 U
1,1-Dichloroethane	5			0.5 J	0.56 J	0.46 J	0.51 J	0.42 J	0.53 J
1,1-Dichloroethene	5			1 U	1 U	1 U	1 U	1 U	1.0 U
1,2-Dichloroethane	0.6			1 U	1 U	1 U	1 U	1 U	1.0 U
1,2-Dichloroethene (Total)	5			---	---	---	---	---	---
1,2-Dichloropropane	1			1 U	1 U	1 U	1 U	1 U	1.0 U
2-Hexanone	50			5 U	5 U	5 U	5 U	5 U	5.0 U
4-Methyl-2-pentanone	NS			5 U	5 U	5 U	5 U	5 U	5.0 U
Acetone	50			10 U	10 U	10 U	10 U	10 U	10 U
Benzene	1			1 U	1 U	1 U	1 U	1 U	1.0 U
Bromodichloromethane	50			1 U	1 U	1 U	1 U	1 U	1.0 U
Bromoform	50			1 U	1 U	1 U	1 U	1 U	1.0 U
Bromomethane	5			1 U	1 U	1 U	1 U	1 U	1.0 U
Carbon disulfide	60			1 U	1 U	1 U	1 U	1 U	1.0 U
Carbon tetrachloride	5			1 U	1 U	1 U	1 U	1 U	1.0 U
Chlorobenzene	5			1 U	1 U	1 U	1 U	1 U	1.0 U
Chloroethane	5			1 U	1 U	1 U	1 U	1 U	1.0 U
Chloroform	7			1 U	1 U	1 U	1 U	1 U	1.0 U
cis-1,2-Dichloroethene	5			1 U	1 U	1 U	1 U	1 U	1.0 U
cis-1,3-Dichloropropene	0.4			1 U	1 U	1 U	1 U	1 U	1.0 U
Dibromochloromethane	50			1 U	1 U	1 U	1 U	1 U	1.0 U
Ethylbenzene	5			1 U	1 U	1 U	1 U	1 U	1.0 U
Methyl chloride	5			1 U	1 U	1 U	1 U	1 U	1.0 U
Methyl ethyl ketone	50			10 U	10 U	10 U	10 U	10 U	10 U
Methylene chloride	5			1 U	1 U	1 U	1 U	1 U	1.0 U
Styrene	5			1 U	1 U	1 U	1 U	1 U	1.0 U
Tetrachloroethene	5			1 U	1 U	1 U	1 U	1 U	1.0 U
Toluene	5			1 U	1 U	1 U	1 U	1 U	1.0 U
trans-1,2-Dichloroethene	5			1 U	1 U	1 U	1 U	1 U	1.0 U
trans-1,3-Dichloropropene	0.4			1 U	1 U	1 U	1 U	1 U	1.0 U
Trichloroethene	5			1 U	1 U	1 U	1 U	1 U	1.0 U
Vinyl chloride	2			1 U	1 U	1 U	1 U	1 U	1.0 U
Xylenes, Total	5			2 U	2 U	2 U	2 U	2 U	2.0 U

NOTES:
U - not detected, J - estimated, D - Diluted Result, H - Holding time exceeded, R - unusable, NS - no standard, Dup - duplicate sample,
--- Not analyzed, F - MS and/or MSD recovery/RPD exceeds the control limits
[ ] - Exceeds NYS Class GA Ground Water Qaulity Standard
Trip Blank associated with samples collected on 10/29/07 contained Acetone and Methylene Chloride.
Data have not been validated

RAMBOLL

Table 4
Groundwater Data - VOCs
Forest Glen Superfund Site
Niagara Falls, New York

		Location ID	MW-5D	MW-5D	MW-5D	MW-5D	MW-5D	MW-5D
		Depth Interva	-	-	-	-	-	-
		Sample Date	6/19/2018	9/19/2018	11/28/2018	3/20/2019	6/21/2019	9/25/2019
		Sample ID	MW-5D-061918	MW-5D-091918	MW-5D-112818	MW-5D-032019	MW-5D-062119	MW-5D-092519
Chemical Name	Class GA GW tandards (ug/l)		ug/l	ug/l	ug/l	ug/l	ug/l	ug/l
1,1,1-Trichloroethane	5		1.0 U	1.0 U	1 U	1 U	1 U	1 U
1,1,2,2-Tetrachloroethane	5		1.0 U	1.0 U	1 U	1 U	1 U	1 U
1,1,2-Trichloroethane	1		1.0 U	1.0 U	1 U	1 U	1 U	1 U
1,1-Dichloroethane	5		0.49 J	0.50 J	1 U	0.52 J	0.47 J	0.56 J
1,1-Dichloroethene	5		1.0 U	1.0 U	1 U	1 U	1 U	1 U
1,2-Dichloroethane	0.6		1.0 U	1.0 U	1 U	1 U	1 U	1 U
1,2-Dichloroethene (Total)	5		---	---	---	---	---	---
1,2-Dichloropropane	1		1.0 U	1.0 U	1 U	1 U	1 U	1 U
2-Hexanone	50		5.0 U	5.0 U	5 U *	5 U	5 U	5 U
4-Methyl-2-pentanone	NS		5.0 U	5.0 U*	5 U	5 U	5 U	5 U
Acetone	50		10 U	10 U	10 U	10 U	10 U	10 U
Benzene	1		1.0 U	1.0 U	1 U	1 U	1 U	1 U
Bromodichloromethane	50		1.0 U	1.0 U	1 U	1 U	1 U	1 U
Bromoform	50		1.0 U	1.0 U	1 U	1 U	1 U	1 U
Bromomethane	5		1.0 U	1.0 U	1 U	1 U	1 U	1 U
Carbon disulfide	60		1.0 U	1.0 U	1 U	1 U	1 U	1 U
Carbon tetrachloride	5		1.0 U	1.0 U	1 U	1 U	1 U	1 U
Chlorobenzene	5		1.0 U	1.0 U	1 U	1 U	1 U	1 U
Chloroethane	5		1.0 U	1.0 U	1 U	1 U	1 U	1 U
Chloroform	7		1.0 U	1.0 U	1 U	1 U	1 U	1 U
cis-1,2-Dichloroethene	5		1.0 U	1.0 U	1 U	1 U	1 U	0.92 J
cis-1,3-Dichloropropene	0.4		1.0 U	1.0 U	1 U *	1 U	1 U	1 U
Dibromochloromethane	50		1.0 U	1.0 U	1 U	1 U	1 U	1 U
Ethylbenzene	5		1.0 U	1.0 U	1 U	1 U	1 U	1 U
Methyl chloride	5		1.0 U	1.0 U	1 U	1 U	1 U	0.69 J
Methyl ethyl ketone	50		10 U	10 U	10 U	10 U	10 U	10 U
Methylene chloride	5		1.0 U	1.0 U	1 U	1 U	1 U	1 U
Styrene	5		1.0 U	1.0 U	1 U	1 U	1 U	1 U
Tetrachloroethene	5		1.0 U	1.0 U	1 U	1 U	1 U	1 U
Toluene	5		1.0 U	1.0 U	1 U	1 U	1 U	1 U
trans-1,2-Dichloroethene	5		1.0 U	1.0 U	1 U	1 U	1 U	1 U
trans-1,3-Dichloropropene	0.4		1.0 U	1.0 U	1 U *	1 U	1 U	1 U
Trichloroethene	5		1.0 U	1.0 U	1 U	1 U	1 U	1 U
Vinyl chloride	2		1.0 U	1.0 U	1 U	1 U	1 U	1 U
Xylenes, Total	5		2.0 U	2.0 U	2 U	2 U	2 U	2 U

NOTES:
U - not detected, J - estimated, D - Diluted Result, H - Holding time exceeded, R - unusable, NS - no standard, Dup - duplicate sample,
--- Not analyzed, F - MS and/or MSD recovery/RPD exceeds the control limits
[ ] - Exceeds NYS Class GA Ground Water Qaulity Standard
Trip Blank associated with samples collected on 10/29/07 contained Acetone and Methylene Chloride.
Data have not been validated

Table 4
Groundwater Data - VOCs
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW tandards (ug/l)		Location ID	MW-5D	MW-5D	MW-05D	MW-05D	MW-05D	MW-05D
			Depth Interva	-	-	-	--	--	--
			Sample Date	9/25/2019	12/19/2019	3/19/2020	6/16/2020	9/22/2020	12/15/2020
			Sample ID	X-1-092519	MW-5D-121919	MW 5D 031920	MW5D 061620	MW5D 092220	MW5D 121520
				ug/l	ug/l	ug/l	µg/L	µg/L	µg/L
1,1,1-Trichloroethane	5			1 U	1 U	1 U F1	1 U	1 U	1 U
1,1,2,2-Tetrachloroethane	5			1 U	1 U	1 U	1 U	1 U	1 U
1,1,2-Trichloroethane	1			1 U	1 U	1 U	1 U	1 U	1 U
1,1-Dichloroethane	5			0.39 J	0.39 J	1 U	0.41 J	0.46 J	1U
1,1-Dichloroethene	5			1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichloroethane	0.6			1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichloroethene (Total)	5			---	---	---	---	---	---
1,2-Dichloropropane	1			1 U	1 U	1 U	1 U	1 U	1 U
2-Hexanone	50			5 U	5 U	5 U	5 U	5 U	5 U
4-Methyl-2-pentanone	NS			5 U	5 U	5 U	5 U	5 U	5 U
Acetone	50			10 U	10 U	10 U F2	10 U	10 U	10 U
Benzene	1			1 U	1 U	1 U	1 U	1 U	1 U
Bromodichloromethane	50			1 U	1 U	1 U F1	1 U	1 U	1 U
Bromoform	50			1 U	1 U	1 U *	1 U	1 U	1 U
Bromomethane	5			1 U	1 U	1 U	1 U	1 U	1 U
Carbon disulfide	60			1 U	1 U	1 U	1 U	1 U	1 U
Carbon tetrachloride	5			1 U	1 U	1 U F1	1 U	1 U	1 U
Chlorobenzene	5			1 U	1 U	1 U	1 U	1 U	1 U
Chloroethane	5			1 U	1 U	1 U	1 U	1 U	1 U
Chloroform	7			1 U	1 U	1 U	1 U	1 U	1 U
cis-1,2-Dichloroethene	5			1 U	1 U	1 U	1 U	1 U	1 U
cis-1,3-Dichloropropene	0.4			1 U	1 U	1 U	1 U	1 U	1 U
Dibromochloromethane	50			1 U	1 U	1 U F1 *	1 U	1 U	1 U
Ethylbenzene	5			1 U	1 U	1 U	1 U	1 U	1 U
Methyl chloride	5			1 U	1 U	1 U	1 U	1 U	1 U
Methyl ethyl ketone	50			10 U	10 U	10 U	10 U	10 U	10 U
Methylene chloride	5			1 U	1 U	1 U	1 U	1 U	1 U
Styrene	5			1 U	1 U	1 U	1 U	1 U	1 U
Tetrachloroethene	5			1 U	1 U	1 U F1	1 U	1 U	1 U
Toluene	5			1 U	1 U	1 U	1 U	1 U	1 U
trans-1,2-Dichloroethene	5			1 U	1 U	1 U	1 U	1 U	1 U
trans-1,3-Dichloropropene	0.4			1 U	1 U	1 U	1 U	1 U	1 U
Trichloroethene	5			1 U	1 U	1 U	1 U	1 U	1 U
Vinyl chloride	2			1 U	1 U	1 U	1 U	1 U	1 U
Xylenes, Total	5			2 U	2 U	2 U	2 U	2 U	2 U

NOTES:
U - not detected, J - estimated, D - Diluted Result, H - Holding time exceeded, R - unusable, NS - no standard, Dup - duplicate sample,
--- Not analyzed, F - MS and/or MSD recovery/RPD exceeds the control limits
[ ] - Exceeds NYS Class GA Ground Water Qaulity Standard
Trip Blank associated with samples collected on 10/29/07 contained Acetone and Methylene Chloride.
Data have not been validated

Table 4
Groundwater Data - VOCs
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW tandards (ug/l)	Location ID	MW-05D	MW-05D	MW-05D	MW-05D	MW-05D	MW-05D
		Depth Interva	--	--	-	-	-	-
		Sample Date	3/24/2021	6/16/2021	9/21/2021	12/22/2021	3/22/2022	6/22/2022
		Sample ID	MW5D032421	MW5D 061621	MW5D 092121	MW5D 122221	MW5D 032222	MW-5D 062222
			ug/l	µg/L	ug/l	ug/l	ug/l	ug/l
1,1,1-Trichloroethane	5		1U	1 U	1 U	1.0 U	1.0 U	1.0 U
1,1,2,2-Tetrachloroethane	5		1U	1 U	1 U	1.0 U	1.0 U	1.0 U
1,1,2-Trichloroethane	1		1U	1 U	1 U	1.0 U	1.0 U	1.0 U
1,1-Dichloroethane	5		0.42 J	1U	1 U	1.0 U	0.41 J	0.40 J
1,1-Dichloroethene	5		1U	1 U	1 U	1.0 U	1.0 U	1.0 U
1,2-Dichloroethane	0.6		1U	1 U	1 U	1.0 U	1.0 U	1.0 U
1,2-Dichloroethene (Total)	5		---	---	---	---	---	---
1,2-Dichloropropane	1		1U	1 U	1 U	1.0 U	1.0 U	1.0 U
2-Hexanone	50		5U	5 U	5 U	5.0 U	5.0 U	5.0 U
4-Methyl-2-pentanone	NS		5U	5 U	5 U	5.0 U	5.0 U	5.0 U
Acetone	50		10U	10 U	10 U	10 U	10 U	10 U
Benzene	1		1U	1 U	1 U	1.0 U	1.0 U	1.0 U
Bromodichloromethane	50		1U	1 U	1 U	1.0 U	1.0 U	1.0 U
Bromoform	50		1U	1 U	1 U	1.0 U	1.0 U	1.0 U
Bromomethane	5		1U	1 U	1 U	1.0 U	1.0 U	1.0 U
Carbon disulfide	60		1U	1 U	1 U	1.0 U	1.0 U	1.0 U
Carbon tetrachloride	5		1U	1 U	1 U	1.0 U	1.0 U	1.0 U
Chlorobenzene	5		1U	1 U	1 U	1.0 U	1.0 U	1.0 U
Chloroethane	5		1U	1 U	1 U	1.0 U	1.0 U	1.0 U
Chloroform	7		1U	1 U	1 U	1.0 U	1.0 U	1.0 U
cis-1,2-Dichloroethene	5		1U	1 U	1 U	1.0 U	1.0 U	1.0 U
cis-1,3-Dichloropropene	0.4		1U	1 U	1 U	1.0 U	1.0 U	1.0 U
Dibromochloromethane	50		1U	1 U	1 U	1.0 U	1.0 U	1.0 U
Ethylbenzene	5		1U	1 U	1 U	1.0 U	1.0 U	1.0 U
Methyl chloride	5		1U	1 U	1 U	1.0 U	1.0 U	1.0 U
Methyl ethyl ketone	50		10U	10 U	10 U	10 U	10 U	10 U
Methylene chloride	5		1U	1 U	1 U	1.0 U	1.0 U	1.0 U
Styrene	5		1U	1 U	1 U	1.0 U	1.0 U	1.0 U
Tetrachloroethene	5		1U	1 U	1 U	1.0 U	1.0 U	1.0 U
Toluene	5		1U	1 U	1 U	1.0 U	1.0 U	1.0 U
trans-1,2-Dichloroethene	5		1U	1 U	1 U	1.0 U	1.0 U	1.0 U
trans-1,3-Dichloropropene	0.4		1U	1 U	1 U	1.0 U	1.0 U	1.0 U
Trichloroethene	5		1U	1 U	1 U	1.0 U	1.0 U	1.0 U
Vinyl chloride	2		1U	1 U	1 U	1.0 U	1.0 U	1.0 U
Xylenes, Total	5		2U	2 U	2 U	2.0 U	2.0 U	2.0 U

NOTES:
U - not detected, J - estimated, D - Diluted Result, H - Holding time exceeded, R - unusable, NS - no standard, Dup - duplicate sample,
--- Not analyzed, F - MS and/or MSD recovery/RPD exceeds the control limits
[ ] - Exceeds NYS Class GA Ground Water Qaulity Standard
Trip Blank associated with samples collected on 10/29/07 contained Acetone and Methylene Chloride.
Data have not been validated

RAMBOLL

Table 4
Groundwater Data - VOCs
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW tandards (ug/l)	Location ID Depth Interva Sample Date Sample ID	MW-05D - 6/22/2022 X-1 062222 ug/l	MW-05D - 9/27/2022 MW5D 092722 ug/l	MW-05D --- 12/21/2022 MW5D122122 ug/l
1,1,1-Trichloroethane	5		1.0 U	1.0 U	1.0 U
1,1,2,2-Tetrachloroethane	5		1.0 U	1.0 U *+	1.0 U
1,1,2-Trichloroethane	1		1.0 U	1.0 U	1.0 U
1,1-Dichloroethane	5		1.0 U	0.48 J *+	1.0 U
1,1-Dichloroethene	5		1.0 U	1.0 U	1.0 U
1,2-Dichloroethane	0.6		1.0 U	1.0 U *+	1.0 U
1,2-Dichloroethene (Total)	5		---	---	---
1,2-Dichloropropane	1		1.0 U	1.0 U *+	1.0 U
2-Hexanone	50		5.0 U	5.0 U	5.0 U *+
4-Methyl-2-pentanone	NS		5.0 U	5.0 U	5.0 U *+
Acetone	50		10 U	10 U	10 U
Benzene	1		1.0 U	1.0 U	1.0 U
Bromodichloromethane	50		1.0 U	1.0 U *+	1.0 U
Bromoform	50		1.0 U	1.0 U	1.0 U
Bromomethane	5		1.0 U	1.0 U	1.0 U
Carbon disulfide	60		1.0 U	1.0 U	1.0 U
Carbon tetrachloride	5		1.0 U	1.0 U	1.0 U
Chlorobenzene	5		1.0 U	1.0 U	1.0 U
Chloroethane	5		1.0 U	1.0 U	1.0 U
Chloroform	7		1.0 U	1.0 U	1.0 U
cis-1,2-Dichloroethene	5		1.0 U	1.0 U	1.0 U
cis-1,3-Dichloropropene	0.4		1.0 U	1.0 U *+	1.0 U
Dibromochloromethane	50		1.0 U	1.0 U *+	1.0 U
Ethylbenzene	5		1.0 U	1.0 U	1.0 U
Methyl chloride	5		1.0 U	1.0 U	1.0 U
Methyl ethyl ketone	50		10 U	10 U *+	10 U
Methylene chloride	5		1.0 U	1.0 U *+	1.0 U
Styrene	5		1.0 U	1.0 U *+	1.0 U
Tetrachloroethene	5		1.0 U	1.0 U *+	1.0 U
Toluene	5		1.0 U	1.0 U	1.0 U
trans-1,2-Dichloroethene	5		1.0 U	1.0 U	1.0 U
trans-1,3-Dichloropropene	0.4		1.0 U	1.0 U	1.0 U
Trichloroethene	5		1.0 U	1.0 U	1.0 U
Vinyl chloride	2		1.0 U	1.0 U	1.0 U
Xylenes, Total	5		2.0 U	2.0 U	2.0 U

NOTES:
U - not detected, J - estimated, B - compound found in the blank and sample, D - Diluted Result
R - unusable, NS - no standard, X-1 - duplicate sample, *+ - LCS or LCSD exceeds control limits, high biased
^ - instrument QC exceeds control limits, F - MS and/or MSD recovery/RPD exceeds the control limits
[ ] - Exceeds NYS Class GA Ground Water Qaulity Standard, '--- Not Analyzed
Data have not been validated

Table 4
Groundwater Data - VOCs
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW tandards (ug/l)		Location ID	MW-05S	MW-05S	MW-05S	MW-05S	MW-05S	MW-05S
			Depth Interva	-	-	-	-	-	-
			Sample Date	09/14/1995	11/14/1995	7/24/1997	9/16/1997	2/17/2000	2/17/2000
			Sample ID	MW-05S_WG_091495	MW-05S_WG_111495	MW-05S_WG_072497	MW-05S_WG_091697	MW-05S_WG_021700	V-05S_WG_021700_D
				ug/l	ug/l	ug/l	ug/l	ug/l	ug/l
1,1,1-Trichloroethane	5			**[5]**	**[65]**	**[110]**	**[88]**	**[90]**	**[100]**
1,1,2,2-Tetrachloroethane	5			10 U	100 U	1 U	1 U	0.5 U	0.5 U
1,1,2-Trichloroethane	1			10 U	100 U	1 U	1 U	0.3 J	0.3 J
1,1-Dichloroethane	5			**[5]**	**[70]**	**[92]**	**[76]**	**[100]**	**[110]**
1,1-Dichloroethene	5			10 U	100 U	**16**	1 U	**[13]**	**[12]**
1,2-Dichloroethane	0.6			10 U	100 U	1 U	1 U	0.4 J	0.4 J
1,2-Dichloroethene (Total)	5			**[130]**	**[1300]**	**[1709.3]**	**[1400]**	**---**	---
1,2-Dichloropropane	1			10 U	100 U	1 U	1 U	0.5 U	0.5 U
2-Hexanone	50			10 U	100 U	2 U	2 U	5 U	5 U
4-Methyl-2-pentanone	NS			10 U	100 U	2 U	2 U	5 U	5 U
Acetone	50			8	100 U	2 U	2 U	10 U	10 U
Benzene	1			10 U	100 U	1 U	1 U	0.5 U	0.5 U
Bromodichloromethane	50			10 U	100 U	1 U	1 U	0.5 U	0.5 U
Bromoform	50			10 U	100 U	1 U	1 U	0.5 U	0.5 U
Bromomethane	5			2	100 U	2 U	2 U	1 U	1 U
Carbon disulfide	60			10 U	100 U	1 U	1 U	0.5 U	0.5 U
Carbon tetrachloride	5			10 U	100 U	1 U	1 U	0.5 U	0.5 U
Chlorobenzene	5			10 U	100 U	1 U	1 U	0.5 U	0.5 U
Chloroethane	5			10 U	100 U	1 U	1 U	1	1
Chloroform	7			10 U	100 U	1.7	1 U	0.5 U	0.5 U
cis-1,2-Dichloroethene	5			**---**	---	---	---	**[1300]**	**[1500]**
cis-1,3-Dichloropropene	0.4			10 U	100 U	1 U	1 U	0.5 U	0.5 U
Dibromochloromethane	50			10 U	100 U	1 U	1 U	0.5 U	0.5 U
Ethylbenzene	5			10 U	100 U	1 U	1 U	0.5 U	0.5 U
Methyl chloride	5			10 U	100 U	1 U	1 U	1 U	0.2 J
Methyl ethyl ketone	50			10 U	100 U	4 U	4 U	10 U	10 U
Methylene chloride	5			10 U	100 U	1 U	1 U	2 U	2 U
Styrene	5			10 U	100 U	1 U	1 U	0.5 U	0.5 U
Tetrachloroethene	5			10 U	100 U	4.2	1 U	0.3 J	0.3 J
Toluene	5			10 U	100 U	1 U	1 U	0.5 U	0.5 U
trans-1,2-Dichloroethene	5			---	---	---	---	**[41]**	**[46]**
trans-1,3-Dichloropropene	0.4			10 U	100 U	1 U	1 U	0.5 U	0.5 U
Trichloroethene	5			**[8]**	**[76]**	**[350]**	**[230]**	**[130]**	**[140]**
Vinyl chloride	2			**[16]**	**[220]**	**[170]**	**[240]**	**[210]**	**[240]**
Xylenes, Total	5			10 U	100 U	1 U	1 U	0.5 U	0.5 U

NOTES:
U - not detected, J - estimated, D - Diluted Result, H - Holding time exceeded, R - unusable, NS - no standard, Dup - duplicate sample,
--- Not analyzed, F - MS and/or MSD recovery/RPD exceeds the control limits
[ ] - Exceeds NYS Class GA Ground Water Qaulity Standard
Trip Blank associated with samples collected on 10/29/07 contained Acetone and Methylene Chloride.
Data have not been validated

RAMBOLL

Table 4
Groundwater Data - VOCs
Forest Glen Superfund Site
Niagara Falls, New York

		Location ID	MW-05S	MW-05S	MW-05S	MW-05S	MW-05S	MW-05S
		Depth Interva	-	-	-	-	-	-
		Sample Date	8/14/2001	11/29/2001	2/27/2002	5/15/2002	7/30/2003	2/5/2004
		Sample ID	MW-05S_WG_081401	MW-05S_WG_112901	MW-05S_WG_022702	MW-05S_WG_051502	MW-05S_WG_073003	MW-05S_WG_020504
Chemical Name	Class GA GW tandards (ug/l)		ug/l	ug/l	ug/l	ug/l	ug/l	ug/l
1,1,1-Trichloroethane	5		**[120]**	**[73]**	**[57]**	**[35]**	**[90]**	**[43]**
1,1,2,2-Tetrachloroethane	5		5 U	20 U	20 U	20 U	20 U	20 U
1,1,2-Trichloroethane	1		5 U	20 U	20 U	20 U	20 U	20 U
1,1-Dichloroethane	5		**[130]**	**[71]**	**[55]**	**[33]**	**[43]**	**[99]**
1,1-Dichloroethene	5		**[20]**	**[12] J**	**[8] J**	**[5] J**	**[7] J**	**[12] J**
1,2-Dichloroethane	0.6		5 U	20 U	20 U	20 U	20 U	20 U
1,2-Dichloroethene (Total)	5		---	---	---	---	---	---
1,2-Dichloropropane	1		5 U	20 U	20 U	20 U	20 U	20 U
2-Hexanone	50		50 U	200 U	200 U	200 U	200 U	200 U
4-Methyl-2-pentanone	NS		50 U	200 U	200 U	200 U	200 U	200 U
Acetone	50		100 U	400 U	400 U	400 U	400 U	400 U
Benzene	1		5 U	20 U	20 U	20 U	20 U	20 U
Bromodichloromethane	50		5 U	20 U	20 U	20 U	20 U	20 U
Bromoform	50		5 U	20 U	20 U	20 U	20 U	20 U
Bromomethane	5		10 U	40 U	40 U	40 U	20 U	40 U
Carbon disulfide	60		5 U	20 U	20 U	20 U	20 U	20 U
Carbon tetrachloride	5		5 U	20 U	20 U	20 U	20 U	20 U
Chlorobenzene	5		5 U	20 U	20 U	20 U	20 U	20 U
Chloroethane	5		10 U	40 U	40 U	40 U	40 U	40 U
Chloroform	7		5 U	20 U	20 U	20 U	20 U	20 U
cis-1,2-Dichloroethene	5		**[2200] E**	**[1100]**	**[880]**	**[590]**	**[1300] D**	**[740]**
cis-1,3-Dichloropropene	0.4		5 U	20 U	20 U	20 U	20 U	20 U
Dibromochloromethane	50		5 U	20 U	20 U	20 U	20 U	20 U
Ethylbenzene	5		5 U	20 U	20 U	20 U	20 U	20 U
Methyl chloride	5		10 U	40 U	40 U	40 U	40 U	40 U
Methyl ethyl ketone	50		100 U	400 U	400 U	400 U	400 U	400 U
Methylene chloride	5		20 U	80 U	80 U	80 U	80 U	80 U
Styrene	5		5 U	20 U	20 U	20 U	20 U	20 U
Tetrachloroethene	5		5 U	20 U	20 U	20 U	20 U	20 U
Toluene	5		5 U	20 U	20 U	20 U	20 U	20 U
trans-1,2-Dichloroethene	5		**[25]**	**[11] J**	**[8] J**	**[6] J**	**[11] J**	**[12] J**
trans-1,3-Dichloropropene	0.4		5 U	20 U	20 U	20 U	20 U	20 U
Trichloroethene	5		**[55]**	**[59]**	**[26]**	**[17] J**	**[31]**	**[34]**
Vinyl chloride	2		**[370]**	**[190]**	**[140]**	**[89]**	**[380]**	**[120]**
Xylenes, Total	5		5 U	20 U	20 U	20 U	20 U	20 U

NOTES:
U - not detected, J - estimated, D - Diluted Result, H - Holding time exceeded, R - unusable, NS - no standard, Dup - duplicate sample,
--- Not analyzed, F - MS and/or MSD recovery/RPD exceeds the control limits
[ ] - Exceeds NYS Class GA Ground Water Qaulity Standard
Trip Blank associated with samples collected on 10/29/07 contained Acetone and Methylene Chloride.
Data have not been validated

Table 4
Groundwater Data - VOCs
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW tandards (ug/l)		Location ID	MW-05S	MW-05S	MW-05S	MW-05S	MW-05S	MW-05S
			Depth Interva	-	-	-	-	-	-
			Sample Date	5/19/2004	8/5/2004	11/17/2004	2/16/2005	4/20/2005	9/7/2005
			Sample ID	MW-05S_WG_051904	MW-05S_WG_080504	MW-05S_WG_111704	MW-05S_WG_021605	MW-05S_WG_042005	MW-5S_09072005
				ug/l	ug/l	ug/l	ug/l	ug/l	ug/l
1,1,1-Trichloroethane	5		**[32]**	**[78]**	**[110]**	**[17]**	**[38]**	**[148]**
1,1,2,2-Tetrachloroethane	5		20 U	10 U	20 U	2 U	20 U	25 U
1,1,2-Trichloroethane	1		20 U	10 U	20 U	2 U	20 U	25 U
1,1-Dichloroethane	5		**[29]**	**[15]**	**[190]**	**[10]**	**[53]**	**[38]**
1,1-Dichloroethene	5		**[7] J**	4 J	**[21]**	2 U	**[11] J**	**[6] J**
1,2-Dichloroethane	0.6		20 U	10 U	20 U	2 U	20 U	25 U
1,2-Dichloroethene (Total)	5		---	---	---	---	---	---
1,2-Dichloropropane	1		20 U	10 U	20 U	2 U	20 U	25 U
2-Hexanone	50		200 U	100 U	200 U	25 U	200 U	250 U
4-Methyl-2-pentanone	NS		200 U	100 U	200 U	25 U	200 U	250 U
Acetone	50		400 U	200 U	400 U	50 U	400 U	101 J
Benzene	1		20 U	10 U	20 U	2 U	20 U	25 U
Bromodichloromethane	50		20 U	10 U	20 U	2 U	20 U	25 U
Bromoform	50		20 U	10 U	20 U	2 U	20 U	25 U
Bromomethane	5		40 U	20 U	40 U	5 U	40 U	50 U
Carbon disulfide	60		20 U	10 U	20 U	2 U	20 U	25 U
Carbon tetrachloride	5		20 U	10 U	20 U	2 U	20 U	25 U
Chlorobenzene	5		20 U	10 U	20 U	2 U	20 U	25 U
Chloroethane	5		40 U	20 U	40 U	5 U	40 U	50 U
Chloroform	7		20 U	10 U	20 U	2 U	20 U	25 U
cis-1,2-Dichloroethene	5		**[1300]**	**[460]**	**[890]**	**[410] D**	**[2100] D**	**[964]**
cis-1,3-Dichloropropene	0.4		20 U	10 U	20 U	2 U	20 U	25 U
Dibromochloromethane	50		20 U	10 U	20 U	2 U	20 U	25 U
Ethylbenzene	5		20 U	10 U	20 U	2 U	20 U	25 U
Methyl chloride	5		40 U	20 U	40 U	5 U	40 U	50 U
Methyl ethyl ketone	50		400 U	200 U	400 U	50 U	400 U	500 U
Methylene chloride	5		60 J	40 U	6 J	10 U	80 U	13 J
Styrene	5		20 U	10 U	20 U	2 U	20 U	25 U
Tetrachloroethene	5		20 U	4 J	20 U	4	20 U	25 U
Toluene	5		20 U	10 U	20 U	2 U	20 U	25 U
trans-1,2-Dichloroethene	5		**[11] J**	**[5] J**	**[16] J**	**[5]**	**[16] J**	**[18] J**
trans-1,3-Dichloropropene	0.4		20 U	10 U	20 U	2 U	20 U	25 U
Trichloroethene	5		**[35]**	**[85]**	**[44]**	**[96]**	**[65]**	**[294]**
Vinyl chloride	2		**[140]**	**[53]**	**[100]**	**[28]**	**[240]**	**[52]**
Xylenes, Total	5		20 U	10 U	20 U	2 U	20 U	50 U

NOTES:
U - not detected, J - estimated, D - Diluted Result, H - Holding time exceeded, R - unusable, NS - no standard, Dup - duplicate sample,
--- Not analyzed, F - MS and/or MSD recovery/RPD exceeds the control limits
[ ] - Exceeds NYS Class GA Ground Water Qaulity Standard
Trip Blank associated with samples collected on 10/29/07 contained Acetone and Methylene Chloride.
Data have not been validated

Table 4
Groundwater Data - VOCs
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW tandards (ug/l)		Location ID	MW-05S	MW-05S	MW-05S	MW-05S	MW-05S	MW-05S
			Depth Interva	-	-	-	-	-	-
			Sample Date	11/15/2005	4/27/2006	4/27/2006	11/14/2006	5/2/2007	10/30/2007
			Sample ID	MW-5S_11152005	DUP-1_04272006	MW-5S_04272006	MW-5S_11142006	MW-5S_050207	MW 5 S-103007
				ug/l	ug/l	ug/l	ug/l	ug/l	ug/l
1,1,1-Trichloroethane	5			**[41.5]**	**[38.2]**	**[40.8]**	**[15.1]**	**[5.5] J**	**[25.2] H**
1,1,2,2-Tetrachloroethane	5			25 U	12.5 U	12.5 U	**[5]**	12.5 U	12.5 HU
1,1,2-Trichloroethane	1			25 U	12.5 U	12.5 U	**[5]**	12.5 U	12.5 HU
1,1-Dichloroethane	5			**[25.5]**	**[13]**	**[14]**	**[10.4]**	**[8] J**	**[126] H**
1,1-Dichloroethene	5			**[7] J**	12.5 U	12.5 U	**[1.7] J**	**[2.75] J**	**[10.5] JH**
1,2-Dichloroethane	0.6			25 U	12.5 U	12.5 U	**[5]**	12.5 U	12.5 HU
1,2-Dichloroethene (Total)	5			---	---	---	---	---	---
1,2-Dichloropropane	1			25 U	12.5 U	12.5 U	**[5]**	12.5 U	12.5 HU
2-Hexanone	50			250 U	125 U	125 U	**[50]**	125 U	125 HU
4-Methyl-2-pentanone	NS			250 U	125 U	125 U	50	125 U	125 HU
Acetone	50			500 U	250 U	250 U	**[100]**	250 U	250 HU
Benzene	1			25 U	12.5 U	12.5 U	**[5]**	12.5 U	12.5 HU
Bromodichloromethane	50			25 U	12.5 U	12.5 U	5	12.5 U	12.5 HU
Bromoform	50			25 U	12.5 U	12.5 U	5	12.5 U	12.5 HU
Bromomethane	5			50 U	25 U	25 U	**[10]**	25 U	25 HU
Carbon disulfide	60			25 U	12.5 U	12.5 U	5	12.5 U	12.5 HU
Carbon tetrachloride	5			25 U	12.5 U	12.5 U	**[5]**	12.5 U	12.5 HU
Chlorobenzene	5			25 U	12.5 U	12.5 U	**[5]**	12.5 U	12.5 HU
Chloroethane	5			50 U	25 U	25 U	**[10]**	25 U	25 HU
Chloroform	7			25 U	12.5 U	12.5 U	5	12.5 U	12.5 HU
cis-1,2-Dichloroethene	5			**[1290]**	**[372]**	**[377]**	**[219]**	**[333]**	**[298] H**
cis-1,3-Dichloropropene	0.4			25 U	12.5 U	12.5 U	**[5]**	12.5 U	12.5 HU
Dibromochloromethane	50			25 U	12.5 U	12.5 U	5	12.5 U	12.5 HU
Ethylbenzene	5			25 U	12.5 U	12.5 U	**[5]**	12.5 U	12.5 HU
Methyl chloride	5			50 U	25 U	25 U	**[10]**	25 U	25 HU
Methyl ethyl ketone	50			500 U	250 U	250 U	**[100]**	250 U	250 HU
Methylene chloride	5			100 U	50 U	50 U	**[20]**	4.5 J	2.75 JH
Styrene	5			25 U	12.5 U	12.5 U	**[5]**	12.5 U	12.5 HU
Tetrachloroethene	5			25 U	12.5 U	12.5 U	**[5]**	12.5 U	12.5 HU
Toluene	5			25 U	12.5 U	12.5 U	**[5]**	12.5 U	12.5 HU
trans-1,2-Dichloroethene	5			**[13] J**	3 J	3 J	1.7 J	12.5 U	9.75 JH
trans-1,3-Dichloropropene	0.4			25 U	12.5 U	12.5 U	**[5]**	12.5 U	12.5 HU
Trichloroethene	5			**[112]**	**[38.2]**	**[40.5]**	**[27.8]**	**[28.8]**	**[24.5] H**
Vinyl chloride	2			**[146]**	**[32.2]**	**[35.8]**	**[8.8] J**	**[10.2] J**	**[22.8] JH**
Xylenes, Total	5			50 U	25 U	25 U	**[10]**	25 U	25 HU

NOTES:
U - not detected, J - estimated, D - Diluted Result, H - Holding time exceeded, R - unusable, NS - no standard, Dup - duplicate sample,
--- Not analyzed, F - MS and/or MSD recovery/RPD exceeds the control limits
[ ] - Exceeds NYS Class GA Ground Water Qaulity Standard
Trip Blank associated with samples collected on 10/29/07 contained Acetone and Methylene Chloride.
Data have not been validated

Table 4
Groundwater Data - VOCs
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW tandards (ug/l)		Location ID	MW-05S	MW-05S	MW-05S	MW-05S	MW-05S	MW-05S
			Depth Interva	-	-	-	-	-	-
			Sample Date	05/23/2008	11/19/2008	10/21/2009	5/19/2010	1/20/2011	4/20/2011
			Sample ID	MW-5S-052208	MW-5S	W-5S-102109102120	W-5S-0519100519201	MW-5S-01202011	MW-5S-042011
				ug/l	ug/l	ug/l	ug/l	ug/l	ug/l
1,1,1-Trichloroethane	5			**[15.2]**	**[88]**	**[15]**	**[7.2]**	3.4	2.6
1,1,2,2-Tetrachloroethane	5			12.5 U	12.5 U	1 U	1 U	1 U	10 U
1,1,2-Trichloroethane	1			12.5 U	12.5 U	1 U	1 U	1 U	1 U
1,1-Dichloroethane	5			**[33]**	**[24]**	**[43]**	**[10]**	**[5.4]**	10 U
1,1-Dichloroethene	5			12.5 U	12.5 U	2.6	2.9	1.4	**[7.5] 8.4 J**
1,2-Dichloroethane	0.6			12.5 U	12.5 U	1 U	1 U	1 U	2
1,2-Dichloroethene (Total)	5			---	---	---	---	---	10 U
1,2-Dichloropropane	1			12.5 U	12.5 U	1 U	1 U	1 U	---
2-Hexanone	50			125 U	125 U	5 U	5 U	5 U	1 U
4-Methyl-2-pentanone	NS			125 U	125 U	5 U	5 U	5 U	10 U
Acetone	50			250 U	250 U	4.6 J	5 U	10 U	5 U
Benzene	1			12.5 U	12.5 U	0.66 J	1 U	1 U	50 U
Bromodichloromethane	50			12.5 U	12.5 U	1 U	1 U	1 U	5 U
Bromoform	50			25 U	25 U	1 U	1 U	1 U	50 U
Bromomethane	5			25 U	25 U	1 U	1 U	1 U	10 U
Carbon disulfide	60			12.5 U	12.5 U	1 U	1 U	1 U	100 U
Carbon tetrachloride	5			12.5 U	**[14.3]**	1 U	1 U	1 U	1 U
Chlorobenzene	5			12.5 U	12.5 U	1 U	1 U	1 U	10 U
Chloroethane	5			25 U	25 U	1 U	1 U	1 U	1 U
Chloroform	7			12.5 U	12.5 U	1 U	1 U	1 U	10 U
cis-1,2-Dichloroethene	5			**[395]**	**[300]**	**[75]**	**[420] D**	**[280]**	1 U
cis-1,3-Dichloropropene	0.4			12.5 U	12.5 U	1 U	1 U	1 U	10 U
Dibromochloromethane	50			12.5 U	12.5 U	1 U	1 U	1 U	**[460] 460**
Ethylbenzene	5			12.5 U	12.5 U	1 U	1 U	1 U	1 U
Methyl chloride	5			25 U	25 U	1 U	1 U	0.7 J	10 U
Methyl ethyl ketone	50			250 U	250 U	5 U	5 U	10 U	1 U
Methylene chloride	5			6.5 J	50 U	1 U	1 U	1 U	10 U
Styrene	5			12.5 U	12.5 U	1 U	1 U	1 U	100 U
Tetrachloroethene	5			12.5 U	12.5 U	1 U	1 U	1 U	1 U
Toluene	5			12.5 U	12.5 U	4	1 U	1 U	10 U
trans-1,2-Dichloroethene	5			**[5.5] J**	3.75 J	0.62 J	**[5.1]**	2.1	1 U
trans-1,3-Dichloropropene	0.4			12.5 U	12.5 U	1 U	1 U	1 U	10 U
Trichloroethene	5			**[15.2]**	**[90]**	**[5.1]**	**[19]**	**[17]**	2.6
Vinyl chloride	2			**[55.5]**	**[37.2]**	**[8.7]**	**[58]**	**[49]**	10 U
Xylenes, Total	5			25 U	25 U	1.8 J	2 U	2 U	1 U
									10 U
									[15] 18
									[52] 65
									2 U
									20 U

NOTES:
U - not detected, J - estimated, D - Diluted Result, H - Holding time exceeded, R - unusable, NS - no standard, Dup - duplicate sample,
--- Not analyzed, F - MS and/or MSD recovery/RPD exceeds the control limits
[ ] - Exceeds NYS Class GA Ground Water Qaulity Standard
Trip Blank associated with samples collected on 10/29/07 contained Acetone and Methylene Chloride.
Data have not been validated

Table 4
Groundwater Data - VOCs
Forest Glen Superfund Site
Niagara Falls, New York

		Location ID	MW-05S	MW-05S	MW-05S	MW-5S	MW-5S	MW-5S
		Depth Interva	-	-	-	-	-	-
		Sample Date	7/28/2011	10/27/2011	3/22/2012	8/9/2012	12/19/2012	5/22/2013
		Sample ID	MW-5S 072811	MW5S102711	MW5S032212	MW5S080912	MW-5S-121912	MW-5S-052213
Chemical Name	Class GA GW tandards (ug/l)		ug/l	ug/l	ug/l	ug/l	ug/l	ug/l
1,1,1-Trichloroethane	5		**[14]**	3.1	**[10]**	**[59]**	5 U	10 U
1,1,2,2-Tetrachloroethane	5		1 U 10 U	1 U	1 U	1U	5 U	10 U
1,1,2-Trichloroethane	1		1 U 10 U	1 U	1 U	1U	5 U	10 U
1,1-Dichloroethane	5		**[75]**	3.4	**[26]**	**[26]**	3.4 J	**[13]**
1,1-Dichloroethene	5		**[10]**	0.78 J	**[9.3]**	4.4	5 U	10 U
1,2-Dichloroethane	0.6		1 U 10 U	1 U	1 U 25 U	1U	5 U	10 U
1,2-Dichloroethene (Total)	5		---	---	---	---	---	---
1,2-Dichloropropane	1		1 U 10 U	1 U	1 U	1U	5 U	10 U
2-Hexanone	50		5 U 50 U	5 U	5 U	5U	25 U	50 U
4-Methyl-2-pentanone	NS		5 U 50 U	5 U	5 U	5U	25 U	50 U
Acetone	50		10 U	10 U	10 U	10U	50 U	100 U
Benzene	1		1 U 10 U	1 U	1 U	1U	5 U	10 U
Bromodichloromethane	50		1 U 10 U	1 U	1 U	1U	5 U	10 U
Bromoform	50		1 U 10 U	1 U	1 U	1U	5 U	10 U
Bromomethane	5		1 U 10 U	1 U	1 U	1U	5 U	10 U
Carbon disulfide	60		1 U 10 U	1 U	1 U	1U	5 U	10 U
Carbon tetrachloride	5		1 U 10 U	1 U	1 U	1U	5 U	10 U
Chlorobenzene	5		1 U 10 U	1 U	1 U	1U	5 U	10 U
Chloroethane	5		2.4	1 U	1 U	1U	5 U	10 U
Chloroform	7		1 U 10 U	1 U	1 U	1U	5 U	10 U
cis-1,2-Dichloroethene	5		**[500]**	**[98]**	**[1700]**	**[430]**	**[220]**	**[640]**
cis-1,3-Dichloropropene	0.4		1 U 10 U	1 U	1 U	1U	5 U	10 U
Dibromochloromethane	50		1 U 10 U	1 U	1 U	1U	5 U	10 U
Ethylbenzene	5		1 U 10 U	1 U	1 U	1U	5 U	10 U
Methyl chloride	5		1 U 10 U	1 U	1 U	1U	5 U	10 U
Methyl ethyl ketone	50		10 U	10 U	1 U	10U	50 U	100 U
Methylene chloride	5		1 U 10 U	1 U	1 U	1U	5 U	10 U
Styrene	5		1 U 10 U	1 U	1 U	1U	5 U	10 U
Tetrachloroethene	5		1 U 10 U	1 U	1 U	1U	5 U	10 U
Toluene	5		1 U 10 U	1 U	1 U	1U	5 U	10 U
trans-1,2-Dichloroethene	5		**[10]**	1 U	**[16]**	3.7	5 U	10 U
trans-1,3-Dichloropropene	0.4		1 U 10 U	1 U	1 U	1U	5 U	10 U
Trichloroethene	5		**[32]**	**[15]**	**[16]**	**[6.9]**	**[5.2]**	**[37]**
Vinyl chloride	2		**[53]**	**[13]**	**[300]**	**[85]**	**[41]**	**[120]**
Xylenes, Total	5		2 U 20 U	2 U	2 U	2U	10 U	20 U

NOTES:
U - not detected, J - estimated, D - Diluted Result, H - Holding time exceeded, R - unusable, NS - no standard, Dup - duplicate sample,
--- Not analyzed, F - MS and/or MSD recovery/RPD exceeds the control limits
[ ] - Exceeds NYS Class GA Ground Water Qaulity Standard
Trip Blank associated with samples collected on 10/29/07 contained Acetone and Methylene Chloride.
Data have not been validated

Table 4
Groundwater Data - VOCs
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW tandards (ug/l)		Location ID	MW-5S	MW-5S	MW-5S	MW-5S	MW-5S	MW-5S
			Depth Interva	-	-	-	-	-	-
			Sample Date	8/21/2013	12/19/2013	3/27/2014	6/10/2014	9/25/2014	12/9/2014
			Sample ID	MW-5S-082113	MW-5S-121913	MW-5S-032714	MW-5S-061014	MW 5S 092514	MW 5S 120914
				ug/l	ug/l	ug/l	ug/l	ug/l	ug/l
1,1,1-Trichloroethane	5			10 U	10 U	3.2	6.3	3.7	32 *^
1,1,2,2-Tetrachloroethane	5			10 U	10 U	1 U	1 U	2 U	2 U
1,1,2-Trichloroethane	1			10 U	10 U	1 U	1 U	2 U	2 U
1,1-Dichloroethane	5			**[13]**	**[25]**	**[14]**	**[49]**	**[52]**	**[31]**
1,1-Dichloroethene	5			10 U	8.8 J	1.9	6	1.3 J	3.1 ^
1,2-Dichloroethane	0.6			10 U	10 U	1 U	1 U	2 U	2 U
1,2-Dichloroethene (Total)	5			---	---	---	---	---	---
1,2-Dichloropropane	1			10 U	10 U	1 U	1 U	2 U	2 U
2-Hexanone	50			50 U	50 U	5 U*	5 U	10 U*	10 U
4-Methyl-2-pentanone	NS			50 U	50 U	5 U	5 U	10 U*	10 U
Acetone	50			100 U	100 U	10 U	10U	7.4 J	20 U
Benzene	1			10 U	10 U	1 U	1 U	2 U	2 U
Bromodichloromethane	50			10 U	10 U	1 U	1 U	2 U	2 U
Bromoform	50			10 U	10 U	1 U	1 U	2 U	2 U*
Bromomethane	5			10 U	10 U	1 U	1 U	2 U	2 U
Carbon disulfide	60			10 U	10 U	1 U	1 U	2 U	2 U
Carbon tetrachloride	5			10 U	10 U	1 U	1 U	2 U	2 U
Chlorobenzene	5			10 U	10 U	1 U	1 U	2 U	2 U
Chloroethane	5			10 U	10 U	1 U	0.9 J	2 U	2 U
Chloroform	7			10 U	10 U	1 U	1 U	2 U	2 U
cis-1,2-Dichloroethene	5			**[620]**	**[2700]**	**[88]**	**[220]**	**[110]**	**[160]**
cis-1,3-Dichloropropene	0.4			10 U	10 U	1 U	1 U	2 U	2 U
Dibromochloromethane	50			10 U	10 U	1 U	1 U	2 U	2 U*
Ethylbenzene	5			10 U	10 U	1 U	1 U	2 U	2 U
Methyl chloride	5			10 U	10 U	1 U	1 U	2 U	2 U
Methyl ethyl ketone	50			100 U	100 U	10 U*	10 U	20 U	20 U
Methylene chloride	5			10 U	10 U	1 U	1 U	2 U	2 U
Styrene	5			10 U	10 U	1 U	1 U	2 U	2 U
Tetrachloroethene	5			10 U	10 U	1 U	1 U	2 U	2.9
Toluene	5			10 U	10 U	1 U	1 U	2 U	2 U
trans-1,2-Dichloroethene	5			10 U	**[13]**	1.8	4.5	2 U	2 U
trans-1,3-Dichloropropene	0.4			10 U	10 U	1 U	1 U	2 U	2 U
Trichloroethene	5			**[5.5 J]**	**[20]**	**[5.9]**	14	4.8	**[61]**
Vinyl chloride	2			**[170]**	**[590]**	**[6.7]**	**[54]**	**[36]**	2 U
Xylenes, Total	5			20 U	20 U	2 U	2U	4 U	4 U

NOTES:
U - not detected, J - estimated, D - Diluted Result, H - Holding time exceeded, R - unusable, NS - no standard, Dup - duplicate sample,
--- Not analyzed, F - MS and/or MSD recovery/RPD exceeds the control limits
[ ] - Exceeds NYS Class GA Ground Water Qaulity Standard
Trip Blank associated with samples collected on 10/29/07 contained Acetone and Methylene Chloride.
Data have not been validated

Table 4
Groundwater Data - VOCs
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW tandards (ug/l)		Location ID	MW-5S	MW-5S	MW-5S	MW-5S	MW-5S	MW-5S
			Depth Interva	-	-	-	-	-	-
			Sample Date	3/17/2015	6/23/2015	9/23/2015	1/13/2016	3/30/2016	6/21/2016
			Sample ID	MW5S 031715	MW5S 062315	MW5S 092315	MW5S 011316	MW-5S-033016	MW-5S-062116
				ug/l	ug/l	ug/l	ug/l	ug/l	ug/l
1,1,1-Trichloroethane	5			1 U	**[11]**	**[8.8]**	**[7.9]**	**2.8**	**[15]**
1,1,2,2-Tetrachloroethane	5			1 U	1 U	1 U	1 U	1 U	1 U
1,1,2-Trichloroethane	1			1 U	1 U	1 U	1 U	1 U	1 U
1,1-Dichloroethane	5			1 U	**[120]**	**[59]**	**[27]**	**[8.9]**	**[43]**
1,1-Dichloroethene	5			1 U	**[11]**	2.3	1.7	0.83 J	2.2
1,2-Dichloroethane	0.6			1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichloroethene (Total)	5			---	---	---	---	----	---
1,2-Dichloropropane	1			1 U	1 U	1 U	1 U	1 U	1 U
2-Hexanone	50			5 U	5 U	5 U	5 U	5 U	5 U
4-Methyl-2-pentanone	NS			5 U	5 U	5 U	5 U	5 U	5 U
Acetone	50			10 U	10 U	10 U	10 U *	10 U*	6 J
Benzene	1			1 U	1 U	1 U	1 U	1 U	1 U
Bromodichloromethane	50			1 U	1 U	1 U	1 U	1 U	1 U
Bromoform	50			1 U	1 U	1 U	1 U	1 U	1 U
Bromomethane	5			1 U	1 U	1 U	1 U	1 U	1 U
Carbon disulfide	60			1 U	1 U	1 U	1 U	1 U	0.41 J
Carbon tetrachloride	5			1 U	1 U	1 U	1 U	1 U	1 U
Chlorobenzene	5			1 U	1 U	1 U	1 U	1 U	1 U
Chloroethane	5			1 U	1 U	1 U	1 U	1 U	1 U
Chloroform	7			1 U	1 U	1 U	1 U	1 U	1 U
cis-1,2-Dichloroethene	5			1.8	**[190 F]**	**[82]**	**[38]**	**[16]**	**[97]**
cis-1,3-Dichloropropene	0.4			1 U	1 U	1 U	1 U	1 U	1 U
Dibromochloromethane	50			1 U	1 U	1 U	1 U	1 U	1 U
Ethylbenzene	5			1 U	1 U	1 U	1 U	1 U	1 U
Methyl chloride	5			1 U	1 U	1 U	1 U	1 U	1 U
Methyl ethyl ketone	50			10 U	10 U	10 U	10 U	10 U	10 U
Methylene chloride	5			1 U	1 U	1 U	1 U	1 U	1 U
Styrene	5			1 U	1 U	1 U	1 U	1 U	1 U
Tetrachloroethene	5			1 U	1 U	1 U	0.71 J	1 U	1 U
Toluene	5			1 U	1 U	1 U	1 U	1 U	1 U
trans-1,2-Dichloroethene	5			1 U	**[9]**	1	1.4	1 U	0.94 J
trans-1,3-Dichloropropene	0.4			1 U	1 U	1 U	1 U	1 U	1 U
Trichloroethene	5			1.4	**[21]**	**[10]**	**[12]**	**[8.7]**	**[22]**
Vinyl chloride	2			1 U	**[9.7]**	**[12]**	1 U	1 U	**[7.3]**
Xylenes, Total	5			2 U	2 U	2 U	2 U	2 U	2 U

NOTES:
U - not detected, J - estimated, D - Diluted Result, H - Holding time exceeded, R - unusable, NS - no standard, Dup - duplicate sample,
--- Not analyzed, F - MS and/or MSD recovery/RPD exceeds the control limits
[ ] - Exceeds NYS Class GA Ground Water Qaulity Standard
Trip Blank associated with samples collected on 10/29/07 contained Acetone and Methylene Chloride.
Data have not been validated

RAMBOLL

Table 4
Groundwater Data - VOCs
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW tandards (ug/l)		Location ID	MW-5S	MW-5S	MW-5S	MW-5S	MW-5S	MW-5S
			Depth Interva	-	-	-	-	-	-
			Sample Date	9/20/2016	12/20/2016	4/12/2017	6/27/2017	9/14/2017	12/21/2017
			Sample ID	MW-5S-092016	MW-5S-122016	MW-5S-041217	MW-5S-062717	MW-5S-091417	MW-5S-122117
				ug/l	ug/l	ug/l	ug/l	ug/l	ug/l
1,1,1-Trichloroethane	5			**[15]**	**[22]**	1.2	3.1	12	13
1,1,2,2-Tetrachloroethane	5			1 U	1 U	1 U	1 U	1 U	1 U
1,1,2-Trichloroethane	1			1 U	1 U	1 U	1 U	1 U	1 U
1,1-Dichloroethane	5			**[33]**	**[38]**	**[6]**	0.84 J	**[92]**	**[86]**
1,1-Dichloroethene	5			2.8	2	0.45 J	0.57 J	**[5.8]**	**[8.2]**
1,2-Dichloroethane	0.6			1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichloroethene (Total)	5			---	---	---	---	---	---
1,2-Dichloropropane	1			1 U	1 U	1 U	1 U	1 U	1 U
2-Hexanone	50			5 U	5 U	5 U	5 U	5 U	5 U
4-Methyl-2-pentanone	NS			5 U	5 U	5 U	5 U	5 U	5 U
Acetone	50			3.5 J	10 U	10 U	10 U	10 U	10 U
Benzene	1			1 U	1 U	1 U	1 U	1 U	1 U
Bromodichloromethane	50			1 U	1 U	1 U	1 U	1 U	1 U
Bromoform	50			1 U	1 U	1 U	1 U	1 U	1 U
Bromomethane	5			1 U	1 U	1 U	1 U	1 U	1 U
Carbon disulfide	60			0.19 J	1 U	1 U	1 U	1 U	1 U
Carbon tetrachloride	5			1 U	1 U	1 U	1 U	1 U	1 U
Chlorobenzene	5			1 U	1 U	1 U	1 U	1 U	1 U
Chloroethane	5			1 U	1 U	1 U	1 U	1 U	1 U
Chloroform	7			1 U	1 U	1 U	1 U	1 U	1 U
cis-1,2-Dichloroethene	5			**[58]**	**[180] F1**	**[5.6]**	3.8	**[88]**	**[76]**
cis-1,3-Dichloropropene	0.4			1 U	1 U	1 U	1 U	1 U	1 U
Dibromochloromethane	50			1 U	1 U	1 U	1 U	1 U	1 U
Ethylbenzene	5			1 U	1 U	1 U	1 U	1 U	1 U
Methyl chloride	5			1 U	1 U	1 U	1 U	1 U	1 U
Methyl ethyl ketone	50			10 U	10 U	10 U	10 U	10 U	10 U
Methylene chloride	5			1 U	1 U	1 U	1 U	1 U	1 U
Styrene	5			1 U	1 U	1 U	1 U	1 U	1 U
Tetrachloroethene	5			1 U	0.7 J	1 U	1 U	0.51 J	0.49 J
Toluene	5			1 U	1 U	1 U	1 U	1 U	1 U
trans-1,2-Dichloroethene	5			1 U	2.2	1 U	1 U	3.2	4
trans-1,3-Dichloropropene	0.4			1 U	1 U	1 U	1 U	1 U	1 U
Trichloroethene	5			**[20]**	**[92]**	2.2	**[6.7]**	**[33]**	**[26]**
Vinyl chloride	2			**[4.9]**	1 U	1 U	1 U	2.1	1 U
Xylenes, Total	5			2 U	2 U	2 U	2 U	2 U	2 U

NOTES:
U - not detected, J - estimated, D - Diluted Result, H - Holding time exceeded, R - unusable, NS - no standard, Dup - duplicate sample,
--- Not analyzed, F - MS and/or MSD recovery/RPD exceeds the control limits
[ ] - Exceeds NYS Class GA Ground Water Qaulity Standard
Trip Blank associated with samples collected on 10/29/07 contained Acetone and Methylene Chloride.
Data have not been validated

Table 4
Groundwater Data - VOCs
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW tandards (ug/l)		Location ID	MW-05S	MW-05S	MW-05S	MW-05S	MW-05S	MW-05S
			Depth Interva	-	-	-	-	-	-
			Sample Date	3/15/2018	6/19/2018	9/19/2018	11/29/2018	3/20/2019	6/21/2019
			Sample ID	MW 5S 031518	MW 5S 061918	MW 5S 091918	MW-5S-112918	MW-5S-032019	MW-5S-062119
				ug/l	ug/l	ug/l	ug/l	ug/l	ug/l
1,1,1-Trichloroethane	5			3.4	**[9.7]**	**[6.8]**	3.3	**[5.1]**	2.2
1,1,2,2-Tetrachloroethane	5			1.0 U	1.0 U	1.0 U	1 U	1 U	1 U
1,1,2-Trichloroethane	1			1.0 U	1.0 U	1.0 U	1 U	1 U	1 U
1,1-Dichloroethane	5			**[14]**	**[67]**	**[60]**	3.7	**[9.8]**	**[11]**
1,1-Dichloroethene	5			1.3	3.6	3.3	0.35 J	0.85 J	1.1
1,2-Dichloroethane	0.6			1.0 U	1.0 U	1.0 U	1 U	1 U	1 U
1,2-Dichloroethene (Total)	5			---	---	---	---	---	---
1,2-Dichloropropane	1			1.0 U	1.0 U	1.0 U	1 U	1 U	1 U
2-Hexanone	50			5.0 U	5.0 U	5.0 U	5 U	5 U	5 U
4-Methyl-2-pentanone	NS			5.0 U	5.0 U	5.0 U	5 U	5 U	5 U
Acetone	50			10 U	3.7 J	10 U	10 U	10 U	10 U
Benzene	1			1.0 U	1.0 U	1.0 U	1 U	1 U	1 U
Bromodichloromethane	50			1.0 U	1.0 U	1.0 U	1 U	1 U	1 U
Bromoform	50			1.0 U	1.0 U	1.0 U	1 U	1 U	1 U
Bromomethane	5			1.0 U	1.0 U	1.0 U	1 U	1 U	1 U
Carbon disulfide	60			1.0 U	1.0 U	1.0 U	1 U	1 U	1 U
Carbon tetrachloride	5			1.0 U	1.0 U	1.0 U	1 U	1 U	1 U
Chlorobenzene	5			1.0 U	1.0 U	1.0 U	1 U	1 U	1 U
Chloroethane	5			1.0 U	1.0 U	1.0 U	1 U	1 U	1 U
Chloroform	7			1.0 U	1.0 U	1.0 U	1 U	1 U	1 U
cis-1,2-Dichloroethene	5			**[16]**	**[77]**	**[45]**	**[11]**	**[44]**	**[15]**
cis-1,3-Dichloropropene	0.4			1.0 U	1.0 U	1.0 U	1 U	1 U	1 U
Dibromochloromethane	50			1.0 U	1.0 U	1.0 U*	1 U	1 U	1 U
Ethylbenzene	5			1.0 U	1.0 U	1.0 U	1 U	1 U	1 U
Methyl chloride	5			1.0 U	1.0 U	1.0 U	1 U	1 U	1 U
Methyl ethyl ketone	50			10 U	10 U	10 U	10 U	10 U	10 U
Methylene chloride	5			1.0 U	1.0 U	1.0 U	1 U	1 U	1 U
Styrene	5			1.0 U	1.0 U	1.0 U	1 U	1 U	1 U
Tetrachloroethene	5			1.0 U	1.0 U	1.0 U	1 U	1 U	1 U
Toluene	5			1.0 U	1.0 U	1.0 U	1 U	1 U	1 U
trans-1,2-Dichloroethene	5			1.0 U	0.98 J	1.0 U	1 U	1 U	1 U
trans-1,3-Dichloropropene	0.4			1.0 U	1.0 U	1.0 U	1 U	1 U	1 U
Trichloroethene	5			**[9.5]**	**[34]**	**[22]**	**[12]**	**[24]**	**[5.2]**
Vinyl chloride	2			1.0 U	**[5.2]**	2.1	1 U	1 U	1.5
Xylenes, Total	5			2.0 U	2.0 U	2.0 U	2 U	2 U	2 U

NOTES:
U - not detected, J - estimated, D - Diluted Result, H - Holding time exceeded, R - unusable, NS - no standard, Dup - duplicate sample,
--- Not analyzed, F - MS and/or MSD recovery/RPD exceeds the control limits
[ ] - Exceeds NYS Class GA Ground Water Qaulity Standard
Trip Blank associated with samples collected on 10/29/07 contained Acetone and Methylene Chloride.
Data have not been validated

RAMBOLL

Table 4
Groundwater Data - VOCs
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW tandards (ug/l)		Location ID	MW-05S	MW-05S	MW-05S	MW-05S	MW-05S	MW-05S
			Depth Interva	-	-	-	--	--	--
			Sample Date	9/25/0219	12/19/2019	3/19/2020	6/16/2020	9/24/2020	12/15/2020
			Sample ID	MW-5S-092519	MW-5S-121919	MW 5S 031920	MW5S 061620	MW5S 09242020	MW5S 121520
				ug/l	ug/l	ug/l	µg/L	µg/L	µg/L
1,1,1-Trichloroethane	5			**[7.3]**	1 U	1 U	**[5]**	**[9.7]**	**[7.9]**
1,1,2,2-Tetrachloroethane	5			1 U	1 U	1 U	1 U	1 U	1 U
1,1,2-Trichloroethane	1			1 U	1 U	1 U	1 U	1 U	1 U
1,1-Dichloroethane	5			**[16]**	1 U	1.1	**[40]**	**[27]**	**[6.6]**
1,1-Dichloroethene	5			0.30 J	1 U	1 U	4.3	2.8	1 U
1,2-Dichloroethane	0.6			1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichloroethene (Total)	5			---	---	---	---	---	---
1,2-Dichloropropane	1			1 U	1 U	1 U	1 U	1 U	1 U
2-Hexanone	50			5 U	5 U	5 U	5 U	5 U	5 U
4-Methyl-2-pentanone	NS			5 U	5 U	5 U	5 U	5 U	5 U
Acetone	50			7.2 J	10 U	10 U	10 U	10 U	10 U
Benzene	1			1 U	1 U	1 U	1 U	1 U	1 U
Bromodichloromethane	50			1 U	1 U	1 U	1 U	1 U	1 U
Bromoform	50			1 U	1 U	1 U *	1 U	1 U	1 U
Bromomethane	5			1 U	1 U	1 U	1 U	1 U	1 U
Carbon disulfide	60			1 U	1 U	1 U	1 U	1 U	1 U
Carbon tetrachloride	5			1 U	1 U	1 U	1 U	1 U	1 U
Chlorobenzene	5			1 U	1 U	1 U	1 U	1 U	1 U
Chloroethane	5			1 U	1 U	1 U	1 U	1 U	1 U
Chloroform	7			1 U	1 U	1 U	1 U	1 U	1 U
cis-1,2-Dichloroethene	5			**[7.4]**	1 U	1.6	**[48]**	**[47]**	**[50]**
cis-1,3-Dichloropropene	0.4			1 U	1 U	1 U	1 U	1 U	1 U
Dibromochloromethane	50			1 U	1 U	1 U *	1 U	1 U	1 U
Ethylbenzene	5			1 U	1 U	1 U	1 U	1 U	1 U
Methyl chloride	5			1 U	1 U	1 U	1 U	1 U	1 U
Methyl ethyl ketone	50			1.9 J	10 U	10 U	10 U	10 U	10 U
Methylene chloride	5			1 U	1 U	1 U	1 U	1 U	1 U
Styrene	5			1 U	1 U	1 U	1 U	1 U	1 U
Tetrachloroethene	5			1 U	1 U	1 U	1 U	1 U	1 U
Toluene	5			2.4	1 U	1 U	1 U	1 U	1 U
trans-1,2-Dichloroethene	5			1 U	1 U	1 U	2.3	1 U	1 U
trans-1,3-Dichloropropene	0.4			1 U	1 U	1 U	1 U	1 U	1 U
Trichloroethene	5			1.3	0.51 J	0.85 J	**[9.2]**	**[21]**	**[25]**
Vinyl chloride	2			1.7	1 U	1 U	**[11]**	1.4	1 U
Xylenes, Total	5			2 U	2 U	2 U	2 U	2 U	2 U

NOTES:
U - not detected, J - estimated, D - Diluted Result, H - Holding time exceeded, R - unusable, NS - no standard, Dup - duplicate sample,
--- Not analyzed, F - MS and/or MSD recovery/RPD exceeds the control limits
[ ] - Exceeds NYS Class GA Ground Water Qaulity Standard
Trip Blank associated with samples collected on 10/29/07 contained Acetone and Methylene Chloride.
Data have not been validated

RAMBOLL

Table 4
Groundwater Data - VOCs
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW tandards (ug/l)	Location ID Depth Interva Sample Date Sample ID	MW-05S 3/25/2021 MW5S032521 µg/L	MW-05S -- 6/16/2021 MW5S 061621 µg/L	MW-05S - 9/22/2021 MW5S 092221 µg/L	MW-05S - 12/22/2021 MW5S 122221 µg/L	MW-05S - 3/22/2022 MW5S 032222 µg/L	MW-05S - 6/22/2022 MW-5S 062222 ug/l
1,1,1-Trichloroethane	5		**[6.2]**	4.9	**[25]**	3.9	1.0 U	**[6.8]**
1,1,2,2-Tetrachloroethane	5		1U	1 U	1 U	1.0 U	1.0 U	1.0 U
1,1,2-Trichloroethane	1		1U	1 U	1 U	1.0 U	1.0 U	1.0 U
1,1-Dichloroethane	5		**[27]**	**[30]**	**[37]**	**[24]**	2.7	**[32]**
1,1-Dichloroethene	5		1.2	2.9	3.3	2.4	1.0 U	3.7
1,2-Dichloroethane	0.6		1U	1 U	1 U	1.0 U	1.0 U	1.0 U
1,2-Dichloroethene (Total)	5		---	---	---	---	---	---
1,2-Dichloropropane	1		1U	1 U	1 U	1.0 U	1.0 U	1.0 U
2-Hexanone	50		5U	5 U	5 U	5.0 U	5.0 U	5.0 U
4-Methyl-2-pentanone	NS		5U	5 U	5 U	5.0 U	5.0 U	5.0 U
Acetone	50		4.0 J	10 U	10 U	10 U	10 U	10 U
Benzene	1		1U	1 U	1 U	1.0 U	1.0 U	1.0 U
Bromodichloromethane	50		1U	1 U	1 U	1.0 U	1.0 U	1.0 U
Bromoform	50		1U	1 U	1 U	1.0 U	1.0 U	1.0 U
Bromomethane	5		1U	1 U	1 U	1.0 U	1.0 U	1.0 U
Carbon disulfide	60		1U	1 U	1 U	1.0 U	1.0 U	1.0 U
Carbon tetrachloride	5		1U	1 U	1 U	1.0 U	1.0 U	1.0 U
Chlorobenzene	5		1U	1 U	1 U	1.0 U	1.0 U	1.0 U
Chloroethane	5		1U	1 U	1 U	1.0 U	1.0 U	1.0 U
Chloroform	7		1U	1 U	1 U	1.0 U	1.0 U	1.0 U
cis-1,2-Dichloroethene	5		**[12]**	**[26]**	**[50]**	**[24]**	3.2	**[110]**
cis-1,3-Dichloropropene	0.4		1U	1 U	1 U	1.0 U	1.0 U	1.0 U
Dibromochloromethane	50		1U	1 U	1 U	1.0 U	1.0 U	1.0 U
Ethylbenzene	5		1U	1 U	1 U	1.0 U	1.0 U	1.0 U
Methyl chloride	5		1U	1 U	1 U	1.0 U	1.0 U	1.0 U
Methyl ethyl ketone	50		10U	10 U	10 U	10 U	10 U	10 U
Methylene chloride	5		1U	1 U	1 U	1.0 U	1.0 U	1.0 U
Styrene	5		1U	1 U	1 U	1.0 U	1.0 U	1.0 U
Tetrachloroethene	5		1U	1 U	0.80 J	1.0 U	1.0 U	0.55 J
Toluene	5		0.52 J	1 U	1 U	1.0 U	1.0 U	1.0 U
trans-1,2-Dichloroethene	5		1U	1.8	1.3	1.7	1.0 U	4.2
trans-1,3-Dichloropropene	0.4		1U	1 U	1 U	1.0 U	1.0 U	1.0 U
Trichloroethene	5		4.9	**[12]**	**[57]**	**[12]**	1.0	**[30]**
Vinyl chloride	2		1U	1 U	1 U	1.9	1.0 U	**[4.9]**
Xylenes, Total	5		2U	2 U	2 U	2.0 U	2.0 U	2.0 U

NOTES:
U - not detected, J - estimated, D - Diluted Result, H - Holding time exceeded, R - unusable, NS - no standard, Dup - duplicate sample,
--- Not analyzed, F - MS and/or MSD recovery/RPD exceeds the control limits
[ ] - Exceeds NYS Class GA Ground Water Qaulity Standard
Trip Blank associated with samples collected on 10/29/07 contained Acetone and Methylene Chloride.
Data have not been validated

Table 4
Groundwater Data - VOCs
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW tandards (ug/l)	Location ID Depth Interv Sample Date Sample ID	MW-05S - 9/27/2022 MW5S 092722 ug/l	MW-05S --- 12/21/2022 MW5S122122 ug/l
1,1,1-Trichloroethane	5		4.4	2.6
1,1,2,2-Tetrachloroethane	5		1.0 U	1.0 U
1,1,2-Trichloroethane	1		1.0 U	1.0 U
1,1-Dichloroethane	5		**[40]**	**[15]**
1,1-Dichloroethene	5		2.3	1.3
1,2-Dichloroethane	0.6		1.0 U	1.0 U F1
1,2-Dichloroethene (Total)	5		---	---
1,2-Dichloropropane	1		1.0 U	1.0 U
2-Hexanone	50		5.0 U	5.0 U *+ F1
4-Methyl-2-pentanone	NS		5.0 U	5.0 U *+ F1
Acetone	50		10 U	10 U F2
Benzene	1		1.0 U	1.0 U
Bromodichloromethane	50		1.0 U	1.0 U F1
Bromoform	50		1.0 U	1.0 U F1
Bromomethane	5		1.0 U	1.0 U
Carbon disulfide	60		1.0 U	1.0 U
Carbon tetrachloride	5		1.0 U	1.0 U
Chlorobenzene	5		1.0 U	1.0 U
Chloroethane	5		1.0 U	1.0 U
Chloroform	7		1.0 U	1.0 U
cis-1,2-Dichloroethene	5		**[33]**	**[16]**
cis-1,3-Dichloropropene	0.4		1.0 U	1.0 U
Dibromochloromethane	50		1.0 U	1.0 U
Ethylbenzene	5		1.0 U	1.0 U
Methyl chloride	5		1.0 U	1.0 U F1
Methyl ethyl ketone	50		10 U	10 U F1
Methylene chloride	5		1.0 U	1.0 U
Styrene	5		1.0 U	1.0 U
Tetrachloroethene	5		1.0 U	1.0 U
Toluene	5		1.0 U	1.0 U
trans-1,2-Dichloroethene	5		1.0 U	1.0 U
trans-1,3-Dichloropropene	0.4		1.0 U	1.0 U
Trichloroethene	5		**[7.0]**	**[8.2]**
Vinyl chloride	2		**[7.7]**	1.0 U
Xylenes, Total	5		2.0 U	2.0 U

NOTES:
U - not detected, J - estimated, B - compound found in the blank and sample, D - Diluted Result
R - unusable, NS - no standard, X-1 - duplicate sample, * - LCS or LCSD exceeds control limits
^ - instrument QC exceeds control limits, F - MS and/or MSD recovery/RPD exceeds the control limits
[ ] - Exceeds NYS Class GA Ground Water Qaulity Standard, H - Holding time exceeded, '--- Not Analyzed
Data have not been validated

RAMBOLL

Table 4
Groundwater Data - VOCs
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW tandards (ug/l)		Location ID	MW-06D	MW-06D	MW-06D	MW-06D	MW-06D	MW-06D
			Depth Interva	-	-	-	-	-	-
			Sample Date	9/12/1995	9/13/1995	11/14/1995	7/28/1997	9/17/1997	2/15/2000
			Sample ID	V-06D_WG_091295_D	MW-06D_WG_091395	MW-06D_WG_111495	MW-06D_WG_072897	MW-06D_WG_091797	MW-06D_WG_021500
				ug/l	ug/l	ug/l	ug/l	ug/l	ug/l
1,1,1-Trichloroethane	5			10 U	10 U	10 U	0.7	1 U	1
1,1,2,2-Tetrachloroethane	5			10 U	10 U	10 U	1 U	1 U	0.5 U
1,1,2-Trichloroethane	1			10 U	10 U	10 U	1 U	1 U	0.5 U
1,1-Dichloroethane	5			10 U	10 U	10 U	**[5.8]**	3.6	2
1,1-Dichloroethene	5			10 U	10 U	10 U	1 U	1 U	0.3 J
1,2-Dichloroethane	0.6			10 U	10 U	10 U	1 U	1 U	0.5 U
1,2-Dichloroethene (Total)	5			**[6]**	**[6]**	**[17]**	**[14]**	**[35]**	---
1,2-Dichloropropane	1			10 U	10 U	10 U	1 U	1 U	0.5 U
2-Hexanone	50			10 U	10 U	10 U	2 U	2 U	5 U
4-Methyl-2-pentanone	NS			10 U	10 U	10 U	2 U	2 U	5 U
Acetone	50			10 U	10 U	10 U	2 U	2 U	10 U
Benzene	1			10 U	10 U	10 U	1 U	1 U	0.5 U
Bromodichloromethane	50			10 U	10 U	10 U	1 U	1 U	0.5 U
Bromoform	50			10 U	10 U	10 U	1 U	1 U	0.5 U
Bromomethane	5			10 U	10 U	10 U	2 U	2 U	1 U
Carbon disulfide	60			10 U	10 U	10 U	1 U	1 U	0.5 U
Carbon tetrachloride	5			10 U	10 U	10 U	1 U	1 U	0.5 U
Chlorobenzene	5			10 U	10 U	10 U	1 U	1 U	0.5 U
Chloroethane	5			10 U	10 U	10 U	1 U	1 U	1 U
Chloroform	7			10 U	10 U	10 U	1 U	1 U	0.5 U
cis-1,2-Dichloroethene	5			---	---	---	---	---	**[43]**
cis-1,3-Dichloropropene	0.4			10 U	10 U	10 U	1 U	1 U	0.5 U
Dibromochloromethane	50			10 U	10 U	10 U	1 U	1 U	0.5 U
Ethylbenzene	5			10 U	10 U	10 U	1 U	1 U	0.5 U
Methyl chloride	5			10 U	10 U	10 U	1 U	1 U	1 U
Methyl ethyl ketone	50			10 U	10 U	10 U	4 U	4 U	10 U
Methylene chloride	5			10 U	10 U	10 U	1 U	1 U	2 U
Styrene	5			10 U	10 U	10 U	1 U	1 U	0.5 U
Tetrachloroethene	5			10 U	10 U	10 U	1 U	1 U	0.5 U
Toluene	5			10 U	10 U	10 U	1 U	1 U	0.5 U
trans-1,2-Dichloroethene	5			---	---	---	---	---	2
trans-1,3-Dichloropropene	0.4			10 U	10 U	10 U	1 U	1 U	0.5 U
Trichloroethene	5			10 U	10 U	10 U	1 U	1 U	0.5
Vinyl chloride	2			10 U	10 U	**[51]**	**[22]**	**[45]**	**[44]**
Xylenes, Total	5			10 U	10 U	10 U	1 U	1 U	0.5 U

NOTES:
U - not detected, J - estimated, D - Diluted Result, H - Holding time exceeded, R - unusable, NS - no standard, Dup - duplicate sample,
--- Not analyzed, F - MS and/or MSD recovery/RPD exceeds the control limits
[ ] - Exceeds NYS Class GA Ground Water Qaulity Standard
Trip Blank associated with samples collected on 10/29/07 contained Acetone and Methylene Chloride.
Data have not been validated

Table 4
Groundwater Data - VOCs
Forest Glen Superfund Site
Niagara Falls, New York

		Location ID	MW-06D	MW-06D	MW-06D	MW-06D	MW-06D	MW-06D
		Depth Interva	-	-	-	-	-	-
		Sample Date	8/15/2001	11/29/2001	2/27/2002	5/15/2002	7/29/2003	2/4/2004
		Sample ID	MW-06D_WG_081501	MW-06D_WG_112901	MW-06D_WG_022702	MW-06D_WG_051502	MW-06D_WG_072903	MW-06D_WG_020404
Chemical Name	Class GA GW tandards (ug/l)		ug/l	ug/l	ug/l	ug/l	ug/l	ug/l
1,1,1-Trichloroethane	5		0.5 J	0.8	0.9	0.8 J	0.6	0.1 J
1,1,2,2-Tetrachloroethane	5		0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U
1,1,2-Trichloroethane	1		0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U
1,1-Dichloroethane	5		2	2	2	1	1	1
1,1-Dichloroethene	5		0.1 J	0.2 J	0.5 U	0.2 J	0.2 J	0.5 U
1,2-Dichloroethane	0.6		0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U
1,2-Dichloroethene (Total)	5		---	---	---	---	---	---
1,2-Dichloropropane	1		0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U
2-Hexanone	50		5 U	5 U	5 U	10 U	5 U	5 U
4-Methyl-2-pentanone	NS		5 U	5 U	5 U	10 U	5 U	5 U
Acetone	50		10 J	10 U	10 U	20 U	10 U	10 U
Benzene	1		0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U
Bromodichloromethane	50		0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U
Bromoform	50		0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U
Bromomethane	5		1 U	1 U	1 U	2 U	1 U	1 U
Carbon disulfide	60		0.5 U	1	0.5 U	1 U	0.5 U	0.5 U
Carbon tetrachloride	5		0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U
Chlorobenzene	5		0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U
Chloroethane	5		1 U	1 U	1 U	2 U	1 U	1 U
Chloroform	7		0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U
cis-1,2-Dichloroethene	5		**[20]**	**[34]**	**[36]**	**[35]**	**[21]**	**[5]**
cis-1,3-Dichloropropene	0.4		0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U
Dibromochloromethane	50		0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U
Ethylbenzene	5		0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U
Methyl chloride	5		1 U	1 U	1 U	2 U	1 U	1 U
Methyl ethyl ketone	50		10 U	10 U	10 U	20 U	10 U	10 U
Methylene chloride	5		2 U	2 U	2 U	4 U	2 U	2 U
Styrene	5		0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U
Tetrachloroethene	5		0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U
Toluene	5		0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U
trans-1,2-Dichloroethene	5		0.2 J	0.4 J	0.5 J	0.4 J	0.4 J	0.5 U
trans-1,3-Dichloropropene	0.4		0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U
Trichloroethene	5		0.2 J	0.3 J	0.3 J	0.3 J	0.3 J	0.5 U
Vinyl chloride	2		**[24]**	**[40] D**	**[39]**	**[37]**	**[24]**	**[6]**
Xylenes, Total	5		0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U

NOTES:
U - not detected, J - estimated, D - Diluted Result, H - Holding time exceeded, R - unusable, NS - no standard, Dup - duplicate sample,
--- Not analyzed, F - MS and/or MSD recovery/RPD exceeds the control limits
[ ] - Exceeds NYS Class GA Ground Water Qaulity Standard
Trip Blank associated with samples collected on 10/29/07 contained Acetone and Methylene Chloride.
Data have not been validated

RAMBOLL

Table 4
Groundwater Data - VOCs
Forest Glen Superfund Site
Niagara Falls, New York

		Location ID	MW-06D	MW-06D	MW-06D	MW-06D	MW-06D	MW-06D
		Depth Interva	-	-	-	-	-	-
		Sample Date	5/18/2004	8/5/2004	11/16/2004	2/15/2005	4/18/2005	9/6/2005
		Sample ID	MW-06D_WG_051804	MW-06D_WG_080504	MW-06D_WG_111604	MW-06D_WG_021505	MW-06D_WG_041805	MW-6D_09062005
Chemical Name	Class GA GW tandards (ug/l)		ug/l	ug/l	ug/l	ug/l	ug/l	ug/l
1,1,1-Trichloroethane	5		0.5	0.1 J	0.1 J	0.4 J	0.5 J	0.5 U
1,1,2,2-Tetrachloroethane	5		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1,2-Trichloroethane	1		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1-Dichloroethane	5		0.7	1	1	0.5	0.6	1.02
1,1-Dichloroethene	5		0.3 J	0.5 U	0.5 U	0.2 J	0.3 J	0.5 U
1,2-Dichloroethane	0.6		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,2-Dichloroethene (Total)	5		---	---	---	---	---	---
1,2-Dichloropropane	1		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
2-Hexanone	50		5 U	5 U	5 U	5 U	5 U	5 U
4-Methyl-2-pentanone	NS		5 U	5 U	5 U	5 U	5 U	5 U
Acetone	50		10 U	2 J	10 U	2 J	10 U	2.62 J
Benzene	1		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Bromodichloromethane	50		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Bromoform	50		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Bromomethane	5		1 U	1 U	1 U	1 U	1 U	1 U
Carbon disulfide	60		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Carbon tetrachloride	5		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Chlorobenzene	5		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Chloroethane	5		1 U	1 U	1 U	1 U	1 U	1 U
Chloroform	7		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
cis-1,2-Dichloroethene	5		**[29]**	**[5]**	**[4]**	**[33]**	**[35]**	3.26
cis-1,3-Dichloropropene	0.4		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Dibromochloromethane	50		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Ethylbenzene	5		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Methyl chloride	5		1 U	1 U	1 U	1 U	1 U	1 U
Methyl ethyl ketone	50		10 U	10 U	10 U	10 U	10 U	10 U
Methylene chloride	5		2 U	2 U	2 U	2 U	2 U	2 U
Styrene	5		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Tetrachloroethene	5		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Toluene	5		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
trans-1,2-Dichloroethene	5		0.6	0.5 U	0.5 U	0.8	0.7	0.5 U
trans-1,3-Dichloropropene	0.4		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Trichloroethene	5		0.4 J	0.5 U	0.5 U	0.4 J	0.4 J	0.5 U
Vinyl chloride	2		**[28]**	**[6]**	**[4]**	**[29]**	**[27]**	**[4.55]**
Xylenes, Total	5		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U

NOTES:
U - not detected, J - estimated, D - Diluted Result, H - Holding time exceeded, R - unusable, NS - no standard, Dup - duplicate sample,
--- Not analyzed, F - MS and/or MSD recovery/RPD exceeds the control limits
[ ] - Exceeds NYS Class GA Ground Water Qaulity Standard
Trip Blank associated with samples collected on 10/29/07 contained Acetone and Methylene Chloride.
Data have not been validated

RAMBOLL

Table 4
Groundwater Data - VOCs
Forest Glen Superfund Site
Niagara Falls, New York

		Location ID	MW-06D	MW-06D	MW-06D	MW-06D	MW-06D	MW-06D
		Depth Interva	-	-	-	-	-	-
		Sample Date	11/15/2005	4/25/2006	11/13/2006	05/03/2007	10/30/2007	5/22/2008
		Sample ID	MW-6D_11152005	MW-6D_04252006	MW-6D_11132006	MW-6D_050307	MW 6 D-103007	MW-6D-052208
Chemical Name	Class GA GW tandards (ug/l)		ug/l	ug/l	ug/l	ug/l	ug/l	ug/l
1,1,1-Trichloroethane	5		0.52 J	0.48 J	0.46 J	0.48 J	1 HU	0.36 J
1,1,2,2-Tetrachloroethane	5		1 U	1 U	0.5	1 U	1 HU	1 U
1,1,2-Trichloroethane	1		1 U	1 U	0.5	1 U	1 HU	1 U
1,1-Dichloroethane	5		0.82 J	0.62 J	0.58	0.56 J	0.52 JH	0.48 J
1,1-Dichloroethene	5		0.34 J	0.26 J	0.25 J	0.3 J	1 HU	1 U
1,2-Dichloroethane	0.6		1 U	1 U	0.5	1 U	1 HU	1 U
1,2-Dichloroethene (Total)	5		---	---	---	---	**---**	**---**
1,2-Dichloropropane	1		1 U	1 U	0.5	1 U	1 HU	1 U
2-Hexanone	50		10 U	10 U	5	10 U	10 HU	10 U
4-Methyl-2-pentanone	NS		10 U	10 U	5	10 U	10 HU	10 U
Acetone	50		20 U	20 U	1.83 J	20 U	20 HU	20 U
Benzene	1		1 U	1 U	0.5	1 U	1 HU	1 U
Bromodichloromethane	50		1 U	1 U	0.5	1 U	1 HU	1 U
Bromoform	50		1 U	1 U	0.5	1 U	1 HU	2 U
Bromomethane	5		2 U	2 U	1	2 U	2 HU	2 U
Carbon disulfide	60		1 U	1 U	0.5	1 U	1 HU	1 U
Carbon tetrachloride	5		1 U	1 U	0.5	1 U	1 HU	1 U
Chlorobenzene	5		1 U	1 U	0.5	1 U	1 HU	1 U
Chloroethane	5		2 U	2 U	1	2 U	2 HU	2 U
Chloroform	7		1 U	1 U	0.5	1 U	1 HU	1 U
cis-1,2-Dichloroethene	5		**[46.3]**	**[38.9]**	**[38.9]**	**[41.6]**	**[13.4] H**	**[30.2]**
cis-1,3-Dichloropropene	0.4		1 U	1 U	0.5	1 U	1 HU	1 U
Dibromochloromethane	50		1 U	1 U	0.5	1 U	1 HU	1 U
Ethylbenzene	5		1 U	1 U	0.5	1 U	1 HU	1 U
Methyl chloride	5		2 U	2 U	0.2 J	2 U	2 HU	2 U
Methyl ethyl ketone	50		20 U	20 U	10	20 U	20 HU	20 U
Methylene chloride	5		0.66 J	4 U	2	0.26 J	0.2 JH	0.34 J
Styrene	5		1 U	1 U	0.5	1 U	1 HU	1 U
Tetrachloroethene	5		1 U	1 U	0.5	1 U	1 HU	1 U
Toluene	5		1 U	1 U	0.5	1 U	1 HU	1 U
trans-1,2-Dichloroethene	5		0.94 J	0.78 J	0.7	0.66 J	1 HU	0.56 J
trans-1,3-Dichloropropene	0.4		1 U	1 U	**[0.5]**	1 U	1 HU	1 U
Trichloroethene	5		0.4 J	0.38 J	0.33 J	0.26 J	1 HU	1 U
Vinyl chloride	2		**[40.6]**	**[37.8]**	**[30.3]**	**[39.1]**	**[18.9] H**	**[36.6]**
Xylenes, Total	5		2 U	2 U	1	2 U	2 HU	2 U

NOTES:
U - not detected, J - estimated, D - Diluted Result, H - Holding time exceeded, R - unusable, NS - no standard, Dup - duplicate sample,
--- Not analyzed, F - MS and/or MSD recovery/RPD exceeds the control limits
[ ] - Exceeds NYS Class GA Ground Water Qaulity Standard
Trip Blank associated with samples collected on 10/29/07 contained Acetone and Methylene Chloride.
Data have not been validated

Table 4
Groundwater Data - VOCs
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW tandards (ug/l)		Location ID	MW-06D	MW-06D	MW-06D	MW-06D	MW-06D	MW-06D
			Depth Interva	-	-	-	-	-	-
			Sample Date	11/19/2008	10/21/2009	5/19/2010	1/19/2011	4/20/2011	7/26/2011
			Sample ID	MW-6D	W-6D-102109102120	W-6D-051910051920	MW-6D-01192011	MW-6D-042011	MW-6D072611
				ug/l	ug/l	ug/l	ug/l	ug/l	ug/l
1,1,1-Trichloroethane	5			0.26 J	1 U	1 U	1 U	1 U	1 U
1,1,2,2-Tetrachloroethane	5			0.5 U	1 U	1 U	1 U	1 U	1 U
1,1,2-Trichloroethane	1			0.5 U	1 U	1 U	1 U	1 U	1 U
1,1-Dichloroethane	5			**[0.77]**	0.6 J	1 U	1 U	1 U	1 U
1,1-Dichloroethene	5			0.5 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichloroethane	0.6			0.5 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichloroethene (Total)	5			**---**	**---**	---	---	---	---
1,2-Dichloropropane	1			0.5 U	1 U	1 U	1 U	1 U	1 U
2-Hexanone	50			5 U	5 U	5 U	5 U	5 U	5 U
4-Methyl-2-pentanone	NS			5 U	5 U	5 U	5 U	5 U	5 U
Acetone	50			10 U	5 U	5 U	10 U	10 U	3.2 J
Benzene	1			0.5 U	1 U	1 U	1 U	1 U	1 U
Bromodichloromethane	50			0.5 U	1 U	1 U	1 U	1 U	1 U
Bromoform	50			1 U	1 U	1 U	1 U	1 U	1 U
Bromomethane	5			1 U	1 U	1 U	1 U	1 U	1 U
Carbon disulfide	60			0.5 U	1 U	1 U	1 U	1 U	1 U
Carbon tetrachloride	5			0.5 U	1 U	1 U	1 U	1 U	1 U
Chlorobenzene	5			0.5 U	1 U	1 U	1 U	1 U	1 U
Chloroethane	5			1 U	1 U	1 U	1 U	1 U	1 U
Chloroform	7			0.5 U	1 U	1 U	1 U	1 U	1 U
cis-1,2-Dichloroethene	5			**[27.8]**	**[44]**	**[45]**	**[45]**	**[40]**	**[26]**
cis-1,3-Dichloropropene	0.4			0.5 U	1 U	1 U	1 U	1 U	1 U
Dibromochloromethane	50			0.5 U	1 U	1 U	1 U	1 U	1 U
Ethylbenzene	5			0.5 U	1 U	1 U	1 U	1 U	1 U
Methyl chloride	5			1 U	1 U	1 U	1 U	1 U	1 U
Methyl ethyl ketone	50			10 U	5 U	5 U	10 U	10 U	10 U
Methylene chloride	5			2 U	1 U	1 U	1 U	1 U	1 U
Styrene	5			0.5 U	1 U	1 U	1 U	1 U	1 U
Tetrachloroethene	5			0.5 U	1 U	1 U	1 U	1 U	1 U
Toluene	5			0.5 U	1 U	1 U	1 U	1 U	0.52 J
trans-1,2-Dichloroethene	5			0.33 J	0.54 J	1 U	1 U	1 U	1 U
trans-1,3-Dichloropropene	0.4			0.5 U	1 U	1 U	1 U	1 U	1 U
Trichloroethene	5			0.5 U	1 U	1 U	1 U	1 U	1 U
Vinyl chloride	2			**[38.3]**	**[66]**	**[50]**	**[49]**	**[40]**	**[39]**
Xylenes, Total	5			1 U	2 U	2 U	2 U	2 U	2 U

NOTES:
U - not detected, J - estimated, D - Diluted Result, H - Holding time exceeded, R - unusable, NS - no standard, Dup - duplicate sample,
--- Not analyzed, F - MS and/or MSD recovery/RPD exceeds the control limits
[ ] - Exceeds NYS Class GA Ground Water Qaulity Standard
Trip Blank associated with samples collected on 10/29/07 contained Acetone and Methylene Chloride.
Data have not been validated

Table 4
Groundwater Data - VOCs
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW tandards (ug/l)		Location ID	MW-06D	MW-06D	X-1	MW-6D	MW-6D	MW-6D
			Depth Interva	-	-	-	-	-	-
			Sample Date	10/26/2011	3/20/2012	3/20/2012	8/7/2012	12/19/2012	5/21/2013
			Sample ID	MW6D102611	MW6D032012	MW6D032012	MW6D080712	MW-6D-121912	MW-6D-052113
				ug/l	ug/l	ug/l	ug/l	ug/l	ug/l
1,1,1-Trichloroethane	5			1 U	1 U	1 U	1 U	1 U	1 U
1,1,2,2-Tetrachloroethane	5			1 U	1 U	1 U	1 U	1 U	1 U
1,1,2-Trichloroethane	1			1 U	1 U	1 U	1 U	1 U	1 U
1,1-Dichloroethane	5			0.46 J	0.67 J	0.62 J	0.57 J	0.6 J	0.51 J
1,1-Dichloroethene	5			1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichloroethane	0.6			1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichloroethene (Total)	5			---	---	---	---	---	---
1,2-Dichloropropane	1			1 U	1 U	1 U	1 U	1 U	1 U
2-Hexanone	50			5 U	5 U	5 U	5 U	5 U	5 U
4-Methyl-2-pentanone	NS			5 U	5 U	5 U	5 U	5 U	5 U
Acetone	50			10 U	10 U	5 U	10 U	10 U	10 U
Benzene	1			1 U	1 U	1 U	1 U	1 U	1 U
Bromodichloromethane	50			1 U	1 U	1 U	1 U	1 U	1 U
Bromoform	50			1 U	1 U	1 U	1 U	1 U	1 U
Bromomethane	5			1 U	1 U	1 U	1 U	1 U	1 U
Carbon disulfide	60			1 U	1 U	1 U	1 U	1 U	1 U
Carbon tetrachloride	5			1 U	1 U	1 U	1 U	1 U	1 U
Chlorobenzene	5			1 U	1 U	1 U	1 U	1 U	1 U
Chloroethane	5			1 U	1 U	1 U	1 U	1 U	1 U
Chloroform	7			1 U	1 U	1 U	1 U	1 U	1 U
cis-1,2-Dichloroethene	5			**[18]**	**[52]**	**[51]**	**[32]**	**[44]**	**[42]**
cis-1,3-Dichloropropene	0.4			1 U	1 U	1 U	1 U	1 U	1 U
Dibromochloromethane	50			1 U	1 U	1 U	1 U	1 U	1 U
Ethylbenzene	5			1 U	1 U	1 U	1 U	1 U	1 U
Methyl chloride	5			1 U	1 U	1 U	1 U	1 U	1 U
Methyl ethyl ketone	50			10 U	10 U	10 U	10 U	10 U	10 U
Methylene chloride	5			1 U	1 U	1 U	1 U	1 U	1 U
Styrene	5			1 U	1 U	1 U	1 U	1 U	1 U
Tetrachloroethene	5			1 U	1 U	1 U	1 U	1 U	1 U
Toluene	5			1 U	1 U	1 U	1 U	1 U	1 U
trans-1,2-Dichloroethene	5			1 U	1 U	1 U	1 U	1 U	1 U
trans-1,3-Dichloropropene	0.4			1 U	1 U	1 U	1 U	1 U	1 U
Trichloroethene	5			1 U	1 U	1 U	1 U	1 U	1 U
Vinyl chloride	2			**[26]**	**[66]**	**[66]**	**[53]**	**[53]**	**[59]**
Xylenes, Total	5			2 U	2 U	2 U	2 U	2 U	2 U

NOTES:
U - not detected, J - estimated, D - Diluted Result, H - Holding time exceeded, R - unusable, NS - no standard, Dup - duplicate sample,
--- Not analyzed, F - MS and/or MSD recovery/RPD exceeds the control limits
[ ] - Exceeds NYS Class GA Ground Water Qaulity Standard
Trip Blank associated with samples collected on 10/29/07 contained Acetone and Methylene Chloride.
Data have not been validated

Table 4
Groundwater Data - VOCs
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW tandards (ug/l)		Location ID	X-1	MW-6D	MW-6D	MW-6D	MW-6D	MW-6D
			Depth Interva	-	-	-	-	-	-
			Sample Date	5/21/2013	8/21/2013	12/18/2013	3/25/2014	6/10/2014	9/23/2014
			Sample ID	MW-6D-052113	MW-6D-082113	MW-6D-121813	MW-6D-032514	MW-6D-061014	MW6D092314
				ug/l	ug/l	ug/l	ug/l	ug/l	ug/l
1,1,1-Trichloroethane	5			1 U	1 U	1 U	1 U	1 U	1 U
1,1,2,2-Tetrachloroethane	5			1 U	1 U	1 U	1 U	1 U	1 U
1,1,2-Trichloroethane	1			1 U	1 U	1 U	1 U	1 U	1 U
1,1-Dichloroethane	5			0.46J	0.47 J	1 U	0.68 J	0.84 J	0.55 J
1,1-Dichloroethene	5			1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichloroethane	0.6			1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichloroethene (Total)	5			---	---	---	---	---	---
1,2-Dichloropropane	1			1 U	1 U	1 U	1 U	1 U	1 U
2-Hexanone	50			5 U	5 U	5 U	5 U	5 U	5 U
4-Methyl-2-pentanone	NS			5 U	5 U	5 U	5 U	5 U	5 U
Acetone	50			10 U	10 U	10 U	10 U	10 U	10 U
Benzene	1			1 U	1 U	1 U	1 U	1 U	1 U
Bromodichloromethane	50			1 U	1 U	1 U	1 U	1 U	1 U
Bromoform	50			1 U	1 U	1 U	1 U	1 U	1 U
Bromomethane	5			1 U	1 U	1 U	1 U	1 U	1 U
Carbon disulfide	60			1 U	1 U	1 U	1 U	1 U	1 U
Carbon tetrachloride	5			1 U	1 U	1 U	1 U	1 U	1 U
Chlorobenzene	5			1 U	1 U	1 U	1 U	1 U	1 U
Chloroethane	5			1 U	1 U	1 U	1 U	1 U	1 U
Chloroform	7			1 U	1 U	1 U	1 U	1 U	1 U
cis-1,2-Dichloroethene	5			**[40]**	**[37]**	**[41]**	2.8	3.1	2.3
cis-1,3-Dichloropropene	0.4			1 U	1 U	1 U	1 U	1 U	1 U
Dibromochloromethane	50			1 U	1 U	1 U	1 U	1 U	1 U
Ethylbenzene	5			1 U	1 U	1 U	1 U	1 U	1 U
Methyl chloride	5			1 U	1 U	1 U	1 U	1 U	1 U
Methyl ethyl ketone	50			10 U	10 U	10 U	10 U	10 U	10 U
Methylene chloride	5			1 U	1 U	1 U	1 U	1 U	1 U
Styrene	5			1 U	1 U	1 U	1 U	1 U	1 U
Tetrachloroethene	5			1 U	1 U	1 U	1 U	1 U	1 U
Toluene	5			1 U	1 U	1 U	1 U	1 U	1 U
trans-1,2-Dichloroethene	5			1 U	1 U	1 U	1 U	1 U	1 U
trans-1,3-Dichloropropene	0.4			1 U	1 U	1 U	1 U	1 U	1 U
Trichloroethene	5			1 U	1 U	1 U	1 U	1 U	1 U
Vinyl chloride	2			**[58]**	**[60]**	**[71]**	**[3.3]**	**[3.5]**	**[2.5]**
Xylenes, Total	5			2 U	2 U	2 U	2 U	2 U	2 U

NOTES:
U - not detected, J - estimated, D - Diluted Result, H - Holding time exceeded, R - unusable, NS - no standard, Dup - duplicate sample,
--- Not analyzed, F - MS and/or MSD recovery/RPD exceeds the control limits
[ ] - Exceeds NYS Class GA Ground Water Qaulity Standard
Trip Blank associated with samples collected on 10/29/07 contained Acetone and Methylene Chloride.
Data have not been validated

Table 4
Groundwater Data - VOCs
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW tandards (ug/l)		Location ID	MW-6D	MW-6D	MW-6D	MW-6D	MW-6D	MW-6D
			Depth Interva	-	-	-	-	-	-
			Sample Date	12/9/2014	3/17/2015	6/24/2015	9/22/2015	1/12/2016	3/29/2016
			Sample ID	MW 6D 120914	MW6D 031715	MW6D 062415	MW6D 092215	MW6D 011216	MW6D 032916
				ug/l	ug/l	ug/l	ug/l	ug/l	ug/l
1,1,1-Trichloroethane	5			1 U*	1 U	1 U	1 U	1 U	1 U
1,1,2,2-Tetrachloroethane	5			1 U	1 U	1 U	1 U	1 U	1 U
1,1,2-Trichloroethane	1			1 U	1 U	1 U	1 U	1 U	1 U
1,1-Dichloroethane	5			0.66 J	1 U	1 U	0.72 J	0.54 J	0.56 J
1,1-Dichloroethene	5			1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichloroethane	0.6			1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichloroethene (Total)	5			---	---	---	---	---	----
1,2-Dichloropropane	1			1 U	1 U	1 U	1 U	1 U	1 U
2-Hexanone	50			5 U	5 U	5 U	5 U	5 U	5 U
4-Methyl-2-pentanone	NS			5 U	5 U	5 U	5 U	5 U	5 U
Acetone	50			10 U	10 U	10 U	10 U	10 U *	10 U
Benzene	1			1 U	1 U	1 U	1 U	1 U	1 U
Bromodichloromethane	50			1 U	1 U	1 U	1 U	1 U	1 U
Bromoform	50			1 U*	1 U	1 U	1 U	1 U	1 U
Bromomethane	5			1 U	1 U	1 U	1 U	1 U	1 U
Carbon disulfide	60			1 U	1 U	1 U	1 U	1 U	1 U
Carbon tetrachloride	5			1 U	1 U	1 U	1 U	1 U	1 U*
Chlorobenzene	5			1 U	1 U	1 U	1 U	1 U	1 U
Chloroethane	5			1 U	1 U	1 U	1 U	1 U	1 U
Chloroform	7			1 U	1 U	1 U	1 U	1 U	1 U
cis-1,2-Dichloroethene	5			2.4	1.8	1.5	1.6	1.7	1.5
cis-1,3-Dichloropropene	0.4			1 U	1 U	1 U	1 U	1 U	1 U
Dibromochloromethane	50			1 U*	1 U	1 U	1 U	1 U	1 U
Ethylbenzene	5			1 U	1 U	1 U	1 U	1 U	1 U
Methyl chloride	5			1 U	1 U	1 U	1 U	1 U	1 U
Methyl ethyl ketone	50			10 U	10 U	10 U	10 U	10 U	10 U
Methylene chloride	5			1 U	1 U	1 U	1 U	1 U	1 U
Styrene	5			1 U	1 U	1 U	1 U	1 U	1 U
Tetrachloroethene	5			1 U	1 U	1 U	1 U	1 U	1 U
Toluene	5			1 U	1 U	1 U	1 U	1 U	1 U
trans-1,2-Dichloroethene	5			1 U	1 U	1 U	1 U	1 U	1 U
trans-1,3-Dichloropropene	0.4			1 U	1 U	1 U	1 U	1 U	1 U*
Trichloroethene	5			1 U	1 U	1 U	1 U	1 U	1 U
Vinyl chloride	2			**[2.8]**	1.7	1.5 ^	**[2]**	1.5	1.2
Xylenes, Total	5			2 U	2 U	2 U	2 U	2 U	2 U

NOTES:
U - not detected, J - estimated, D - Diluted Result, H - Holding time exceeded, R - unusable, NS - no standard, Dup - duplicate sample,
--- Not analyzed, F - MS and/or MSD recovery/RPD exceeds the control limits
[ ] - Exceeds NYS Class GA Ground Water Qaulity Standard
Trip Blank associated with samples collected on 10/29/07 contained Acetone and Methylene Chloride.
Data have not been validated

Table 4
Groundwater Data - VOCs
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW tandards (ug/l)		Location ID	MW-6D	MW-6D	MW-6D	MW-6D	MW-6D	MW-6D
			Depth Interv	-	-	-	-	-	-
			Sample Date	6/21/2016	9/20/2016	12/20/2016	4/11/2017	6/27/2017	9/12/2017
			Sample ID	MW6D 062116	MW6D 092016	MW6D 122016	MW6D 041117	MW6D 062717	MW6D 091217
				ug/l	ug/l	ug/l	ug/l	ug/l	ug/l
1,1,1-Trichloroethane	5			1 U	1 U	1 U	1 U	1 U	1 U
1,1,2,2-Tetrachloroethane	5			1 U	1 U	1 U	1 U	1 U	1 U
1,1,2-Trichloroethane	1			1 U	1 U	1 U	1 U	1 U	1 U
1,1-Dichloroethane	5			0.61 J	0.66 J	0.59 J	0.71 J	0.51 J	0.6 J
1,1-Dichloroethene	5			1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichloroethane	0.6			1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichloroethene (Total)	5			---	---	---	---	---	---
1,2-Dichloropropane	1			1 U	1 U	1 U	1 U	1 U	1 U
2-Hexanone	50			5 U	5 U	5 U	5 U	5 U	5 U
4-Methyl-2-pentanone	NS			5 U	5 U	5 U	5 U	5 U	5 U
Acetone	50			10 U	10 U	10 U	10 U	10 U	10 U
Benzene	1			1 U	1 U	1 U	1 U	1 U	1 U
Bromodichloromethane	50			1 U	1 U	1 U	1 U	1 U	1 U
Bromoform	50			1 U	1 U	1 U	1 U	1 U	1 U
Bromomethane	5			1 U	1 U	1 U	1 U	1 U	1 U
Carbon disulfide	60			1 U	1 U	1 U	1 U	1 U	1 U
Carbon tetrachloride	5			1 U	1 U	1 U	1 U	1 U	1 U
Chlorobenzene	5			1 U	1 U	1 U	1 U	1 U	1 U
Chloroethane	5			1 U	1 U	1 U	1 U	1 U	1 U
Chloroform	7			1 U	1 U	1 U	1 U	1 U	1 U
cis-1,2-Dichloroethene	5			1.5	1.4	1.3	1.1	1.3	1.4
cis-1,3-Dichloropropene	0.4			1 U	1 U	1 U	1 U	1 U	1 U
Dibromochloromethane	50			1 U	1 U	1 U	1 U	1 U	1 U
Ethylbenzene	5			1 U	1 U	1 U	1 U	1 U	1 U
Methyl chloride	5			1 U	1 U	1 U	1 U	1 U	1 U
Methyl ethyl ketone	50			10 U	10 U	10 U	10 U	10 U	10 U
Methylene chloride	5			1 U	1 U	1 U	1 U	1 U	1 U
Styrene	5			1 U	1 U	1 U	1 U	1 U	1 U
Tetrachloroethene	5			1 U	1 U	1 U	1 U	1 U	1 U
Toluene	5			1 U	1 U	1 U	1 U	1 U	1 U
trans-1,2-Dichloroethene	5			1 U	1 U	1 U	1 U	1 U	1 U
trans-1,3-Dichloropropene	0.4			1 U	1 U	1 U	1 U	1 U	1 U
Trichloroethene	5			1 U	1 U	1 U	1 U	1 U	1 U
Vinyl chloride	2			1.3	1.4	1.4	1.2	1.4	1.4
Xylenes, Total	5			2 U	2 U	2 U	2 U	2 U	2 U

NOTES:
U - not detected, J - estimated, D - Diluted Result, H - Holding time exceeded, R - unusable, NS - no standard, Dup - duplicate sample,
--- Not analyzed, F - MS and/or MSD recovery/RPD exceeds the control limits
[ ] - Exceeds NYS Class GA Ground Water Qaulity Standard
Trip Blank associated with samples collected on 10/29/07 contained Acetone and Methylene Chloride.
Data have not been validated

Table 4
Groundwater Data - VOCs
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW tandards (ug/l)		Location ID	MW-6D	MW-06D	MW-06D	MW-06D	MW-06D	MW-06D
			Depth Interva	-	-	-	-	-	-
			Sample Date	12/20/217	3/14/2018	6/20/2018	9/19/2018	11/27/2018	3/20/2019
			Sample ID	MW6D 122017	MW 6D 031418	MW 6D 062018	MW 6D 091918	MW-6D-112718	MW-6D-032019
				ug/l	ug/l	ug/l	ug/l	ug/l	ug/l
1,1,1-Trichloroethane	5			1.0 U	1.0 U	1.0 U	1.0 U	1 U	1 U
1,1,2,2-Tetrachloroethane	5			1.0 U	1.0 U	1.0 U	1.0 U	1 U	1 U
1,1,2-Trichloroethane	1			1.0 U	1.0 U	1.0 U	1.0 U	1 U	1 U
1,1-Dichloroethane	5			0.56 J	0.58 J	0.59 J	0.62 J	0.4 J	0.49 J
1,1-Dichloroethene	5			1.0 U	1.0 U	1.0 U	1.0 U	1 U	1 U
1,2-Dichloroethane	0.6			1.0 U	1.0 U	1.0 U	1.0 U	1 U	1 U
1,2-Dichloroethene (Total)	5			---	---	---	---	---	---
1,2-Dichloropropane	1			1.0 U	1.0 U	1.0 U	1.0 U	1 U	1 U
2-Hexanone	50			5.0 U	5.0 U	5.0 U	5.0 U	5 U *	5 U
4-Methyl-2-pentanone	NS			5.0 U	5.0 U	5.0 U	5.0 U*	5 U	5 U
Acetone	50			10 U	10 U	10 U	10 U	10 U	10 U
Benzene	1			1.0 U	1.0 U	1.0 U	1.0 U	1 U	1 U
Bromodichloromethane	50			1.0 U	1.0 U	1.0 U	1.0 U	1 U	1 U
Bromoform	50			1.0 U	1.0 U	1.0 U	1.0 U	1 U	1 U
Bromomethane	5			1.0 U	1.0 U	1.0 U	1.0 U	1 U	1 U
Carbon disulfide	60			1.0 U	1.0 U	1.0 U	1.0 U	1 U	1 U
Carbon tetrachloride	5			1.0 U	1.0 U	1.0 U	1.0 U	1 U	1 U
Chlorobenzene	5			1.0 U	1.0 U	1.0 U	1.0 U	1 U	1 U
Chloroethane	5			1.0 U	1.0 U	1.0 U	1.0 U	1 U	1 U
Chloroform	7			1.0 U	1.0 U	1.0 U	1.0 U	1 U	1 U
cis-1,2-Dichloroethene	5			1.3	1.0	1.1	1.3	0.84 J	0.82 J
cis-1,3-Dichloropropene	0.4			1.0 U	1.0 U	1.0 U	1.0 U	1 U *	1 U
Dibromochloromethane	50			1.0 U	1.0 U	1.0 U	1.0 U	1 U	1 U
Ethylbenzene	5			1.0 U	1.0 U	1.0 U	1.0 U	1 U	1 U
Methyl chloride	5			1.0 U	1.0 U	1.0 U	1.0 U	1 U	1 U
Methyl ethyl ketone	50			10 U	10 U	10 U	10 U	10 U	10 U
Methylene chloride	5			1.0 U	1.0 U	1.0 U	1.0 U	1 U	1 U
Styrene	5			1.0 U	1.0 U	1.0 U	1.0 U	1 U	1 U
Tetrachloroethene	5			1.0 U	1.0 U	1.0 U	1.0 U	1 U	1 U
Toluene	5			1.0 U	1.0 U	1.0 U	1.0 U	1 U	1 U
trans-1,2-Dichloroethene	5			1.0 U	1.0 U	1.0 U	1.0 U	1 U	1 U
trans-1,3-Dichloropropene	0.4			1.0 U	1.0 U	1.0 U	1.0 U	1 U *	1 U
Trichloroethene	5			1.0 U	1.0 U	1.0 U	1.0 U	1 U	1 U
Vinyl chloride	2			1.3	1.1	1.2	1.3	1 U	1 U
Xylenes, Total	5			2.0 U	2.0 U	2.0 U	2.0 U	2 U	2 U

NOTES:
U - not detected, J - estimated, D - Diluted Result, H - Holding time exceeded, R - unusable, NS - no standard, Dup - duplicate sample,
--- Not analyzed, F - MS and/or MSD recovery/RPD exceeds the control limits
[ ] - Exceeds NYS Class GA Ground Water Qaulity Standard
Trip Blank associated with samples collected on 10/29/07 contained Acetone and Methylene Chloride.
Data have not been validated

RAMBOLL

Table 4
Groundwater Data - VOCs
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW tandards (ug/l)		Location ID	MW-06D	MW-06D	MW-06D	MW-06D	MW-06D	MW-06D
			Depth Interva	-	-	-	-	--	--
			Sample Date	6/19/2109	9/24/2019	12/18/2019	3/17/2020	6/16/2020	9/22/2020
			Sample ID	MW-6D-061919	MW-6D-092419	MW-6D-121819	MW 6D 031720	MW6D 061620	MW6D 092220
				ug/l	ug/l	ug/l	ug/l	µg/L	µg/L
1,1,1-Trichloroethane	5			1 U	1 U	1 U	1 U	1 U	1 U
1,1,2,2-Tetrachloroethane	5			1 U	1 U	1 U	1 U	1 U	1 U
1,1,2-Trichloroethane	1			1 U	1 U	1 U	1 U	1 U	1 U
1,1-Dichloroethane	5			0.59 J	1 U	0.45 J	0.44 J	0.44 J	0.47 J
1,1-Dichloroethene	5			1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichloroethane	0.6			1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichloroethene (Total)	5			---	---	---	---	---	---
1,2-Dichloropropane	1			1 U	1 U	1 U	1 U	1 U	1 U
2-Hexanone	50			5 U	5 U	5 U	5 U	5 U	5 U
4-Methyl-2-pentanone	NS			5 U	5 U	5 U	5 U	5 U	5 U
Acetone	50			10 U	10 U	10 U	10 U	10 U	10 U
Benzene	1			1 U	1 U	1 U	1 U	1 U	1 U
Bromodichloromethane	50			1 U	1 U	1 U	1 U	1 U	1 U
Bromoform	50			1 U	1 U	1 U	1 U	1 U	1 U
Bromomethane	5			1 U	1 U	1 U	1 U	1 U	1 U
Carbon disulfide	60			1 U	1 U	1 U	1 U	1 U	1 U
Carbon tetrachloride	5			1 U	1 U	1 U	1 U	1 U	1 U
Chlorobenzene	5			1 U	1 U	1 U	1 U	1 U	1 U
Chloroethane	5			1 U	1 U	1 U	1 U	1 U	1 U
Chloroform	7			1 U	1 U	1 U	1 U	1 U	1 U
cis-1,2-Dichloroethene	5			1.1	0.95 J	1 U	1 U	1 U	1
cis-1,3-Dichloropropene	0.4			1 U	1 U	1 U	1 U	1 U	1 U
Dibromochloromethane	50			1 U	1 U	1 U	1 U	1 U	1 U
Ethylbenzene	5			1 U	1 U	1 U	1 U	1 U	1 U
Methyl chloride	5			1 U	1 U	1 U	1 U	1 U	1 U
Methyl ethyl ketone	50			10 U	10 U	10 U	10 U	10 U	10 U
Methylene chloride	5			1 U	1 U	1 U	1 U	1 U	1 U
Styrene	5			1 U	1 U	1 U	1 U	1 U	1 U
Tetrachloroethene	5			1 U	1 U	1 U	1 U	1 U	1 U
Toluene	5			1 U	1 U	1 U	1 U	1 U	1 U
trans-1,2-Dichloroethene	5			1 U	1 U	1 U	1 U	1 U	1 U
trans-1,3-Dichloropropene	0.4			1 U	1 U	1 U	1 U	1 U	1 U
Trichloroethene	5			1 U	1 U	1 U	1 U	1 U	1 U
Vinyl chloride	2			1 U	0.90 J	1 U	1 U	1 U	0.91 J
Xylenes, Total	5			2 U	2 U	2 U	2 U	2 U	2 U

NOTES:
U - not detected, J - estimated, D - Diluted Result, H - Holding time exceeded, R - unusable, NS - no standard, Dup - duplicate sample,
--- Not analyzed, F - MS and/or MSD recovery/RPD exceeds the control limits
[ ] - Exceeds NYS Class GA Ground Water Qaulity Standard
Trip Blank associated with samples collected on 10/29/07 contained Acetone and Methylene Chloride.
Data have not been validated

Table 4
Groundwater Data - VOCs
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW tandards (ug/l)	Location ID	MW-06D	MW-06D	MW-06D	MW-06D	MW-06D	MW-06D
		Depth Interva	--		--	-	-	-
		Sample Date	12/15/2020	3/23/2021	6/15/2021	9/21/2021	12/21/2021	3/22/2022
		Sample ID	MW6D 121520	MW-6D_032321	MW6D 061521	MW6D 092121	MW6D 122121	MW6D 032222
			µg/L	ug/l	µg/L	ug/l	ug/l	ug/l
1,1,1-Trichloroethane	5		1 U	1U	1 U	1 U	1.0 U	1.0 U
1,1,2,2-Tetrachloroethane	5		1 U	1U	1 U	1 U	1.0 U	1.0 U
1,1,2-Trichloroethane	1		1 U	1U	1 U	1 U	1.0 U	1.0 U
1,1-Dichloroethane	5		0.41 J	1U	1 U	1 U	1.0 U	0.39 J
1,1-Dichloroethene	5		1 U	1U	1 U	1 U	1.0 U	1.0 U
1,2-Dichloroethane	0.6		1 U	1U	1 U	1 U	1.0 U	1.0 U
1,2-Dichloroethene (Total)	5		---	---	---	---	---	---
1,2-Dichloropropane	1		1 U	1U	1 U	1 U	1.0 U	1.0 U
2-Hexanone	50		5 U	5U	5 U	5 U	5.0 U	5.0 U
4-Methyl-2-pentanone	NS		5 U	5U	5 U	5 U	5.0 U	5.0 U
Acetone	50		10 U	4.8 J	10 U	10 U	10 U	10 U
Benzene	1		1 U	1U	1 U	1 U	1.0 U	1.0 U
Bromodichloromethane	50		1 U	1U	1 U	1 U	1.0 U	1.0 U
Bromoform	50		1 U	1U	1 U	1 U	1.0 U	1.0 U
Bromomethane	5		1 U	1U	1 U	1 U	1.0 U	1.0 U
Carbon disulfide	60		1 U	1U	1 U	1 U	1.0 U	1.0 U
Carbon tetrachloride	5		1 U	1U	1 U	1 U	1.0 U	1.0 U
Chlorobenzene	5		1 U	1U	1 U	1 U	1.0 U	1.0 U
Chloroethane	5		1 U	1U	1 U	1 U	1.0 U	1.0 U
Chloroform	7		1 U	1U	1 U	1 U	1.0 U	1.0 U
cis-1,2-Dichloroethene	5		1 U	1U	1 U	1 U	1.0 U	1.0 U
cis-1,3-Dichloropropene	0.4		1 U	1U	1 U	1 U	1.0 U	1.0 U
Dibromochloromethane	50		1 U	1U	1 U	1 U	1.0 U	1.0 U
Ethylbenzene	5		1 U	1U	1 U	1 U	1.0 U	1.0 U
Methyl chloride	5		1 U	1U	1 U	1 U	1.0 U	1.0 U
Methyl ethyl ketone	50		10 U	2.7 J	10 U	10 U	10 U	10 U
Methylene chloride	5		1 U	1U	1 U	1 U	1.0 U	1.0 U
Styrene	5		1 U	1U	1 U	1 U	1.0 U	1.0 U
Tetrachloroethene	5		1 U	1U	1 U	1 U	1.0 U	1.0 U
Toluene	5		1 U	1.0	1 U	1 U	1.0 U	1.0 U
trans-1,2-Dichloroethene	5		1 U	1U	1 U	1 U	1.0 U	1.0 U
trans-1,3-Dichloropropene	0.4		1 U	1U	1 U	1 U	1.0 U	1.0 U
Trichloroethene	5		1 U	1U	1 U	1 U	1.0 U	1.0 U
Vinyl chloride	2		1 U	1U	1 U	1 U	1.0 U	1.0 U
Xylenes, Total	5		2 U	2U	2 U	2 U	2.0 U	2.0 U

NOTES:
U - not detected, J - estimated, D - Diluted Result, H - Holding time exceeded, R - unusable, NS - no standard, Dup - duplicate sample,
--- Not analyzed, F - MS and/or MSD recovery/RPD exceeds the control limits
[ ] - Exceeds NYS Class GA Ground Water Qaulity Standard
Trip Blank associated with samples collected on 10/29/07 contained Acetone and Methylene Chloride.
Data have not been validated

Table 4
Groundwater Data - VOCs
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW tandards (ug/l)	Location ID Depth Interva Sample Date Sample ID ug/l	MW-06D - 6/22/2022 MW-6D 062222 ug/l	MW-06D - 9/27/2022 MW6D 092722 ug/l	MW-06D --- 12/21/2022 MW6D122122 ug/l
1,1,1-Trichloroethane	5		1.0 U	1.0 U	1.0 U
1,1,2,2-Tetrachloroethane	5		1.0 U	1.0 U *+	1.0 U
1,1,2-Trichloroethane	1		1.0 U	1.0 U	1.0 U
1,1-Dichloroethane	5		0.50 J	0.47 J *+	0.51 J
1,1-Dichloroethene	5		1.0 U	1.0 U	1.0 U
1,2-Dichloroethane	0.6		1.0 U	1.0 U *+	1.0 U
1,2-Dichloroethene (Total)	5		---	---	---
1,2-Dichloropropane	1		1.0 U	1.0 U *+	1.0 U
2-Hexanone	50		5.0 U	5.0 U	5.0 U *+
4-Methyl-2-pentanone	NS		5.0 U	5.0 U	5.0 U *+
Acetone	50		10 U	10 U	10 U
Benzene	1		1.0 U	1.0 U	1.0 U
Bromodichloromethane	50		1.0 U	1.0 U *+	1.0 U
Bromoform	50		1.0 U	1.0 U	1.0 U
Bromomethane	5		1.0 U	1.0 U	1.0 U
Carbon disulfide	60		1.0 U	1.0 U	1.0 U
Carbon tetrachloride	5		1.0 U	1.0 U	1.0 U
Chlorobenzene	5		1.0 U	1.0 U	1.0 U
Chloroethane	5		1.0 U	1.0 U	1.0 U
Chloroform	7		1.0 U	1.0 U	1.0 U
cis-1,2-Dichloroethene	5		1.0 U	1.4	1.2
cis-1,3-Dichloropropene	0.4		1.0 U	1.0 U *+	1.0 U
Dibromochloromethane	50		1.0 U	1.0 U *+	1.0 U
Ethylbenzene	5		1.0 U	1.0 U	1.0 U
Methyl chloride	5		1.0 U	1.0 U	1.0 U
Methyl ethyl ketone	50		10 U	10 U *+	10 U
Methylene chloride	5		1.0 U	1.0 U *+	1.0 U
Styrene	5		1.0 U	1.0 U *+	1.0 U
Tetrachloroethene	5		1.0 U	1.0 U *+	1.0 U
Toluene	5		1.0 U	1.0 U	1.0 U
trans-1,2-Dichloroethene	5		1.0 U	1.0 U	1.0 U
trans-1,3-Dichloropropene	0.4		1.0 U	1.0 U	1.0 U
Trichloroethene	5		1.0 U	1.0 U	1.0 U
Vinyl chloride	2		1.1	1.2	**[2.6]**
Xylenes, Total	5		2.0 U	2.0 U	2.0 U

RAMBOLL

Table 4
Groundwater Data - VOCs
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW tandards (ug/l)		Location ID	MW-06S	MW-06S	MW-06S	MW-06S	MW-06S	MW-06S
			Depth Interva	-	-	-	-	-	-
			Sample Date	9/14/1995	11/14/1995	7/23/1997	9/17/1997	9/17/1997	2/15/2000
			Sample ID	MW-06S_WG_091495	MW-06S_WG_111495	MW-06S_WG_072397	MW-06S_WG_091797	V-06S_WG_091797_D	MW-06S_WG_021500
				ug/l	ug/l	ug/l	ug/l	ug/l	ug/l
1,1,1-Trichloroethane	5			10 U	10 U	1 U	1 U	1 U	0.2 J
1,1,2,2-Tetrachloroethane	5			10 U	10 U	1 U	1 U	1 U	0.5 U
1,1,2-Trichloroethane	1			10 U	10 U	1 U	1 U	1 U	0.5 U
1,1-Dichloroethane	5			10 U	10 U	1 U	1 U	1 U	2
1,1-Dichloroethene	5			10 U	10 U	1 U	1 U	1 U	0.5 U
1,2-Dichloroethane	0.6			10 U	10 U	1 U	1 U	1 U	0.5 U
1,2-Dichloroethene (Total)	5			4	10 U	3.1	2.6	2.5	---
1,2-Dichloropropane	1			10 U	10 U	1 U	1 U	1 U	0.5 U
2-Hexanone	50			10 U	10 U	2 U	2 U	2 U	5 U
4-Methyl-2-pentanone	NS			10 U	10 U	2 U	2 U	2 U	5 U
Acetone	50			18	10 U	2 U	2 U	2 U	10 U
Benzene	1			10 U	10 U	1 U	1 U	1 U	0.5 U
Bromodichloromethane	50			10 U	10 U	1 U	1 U	1 U	0.5 U
Bromoform	50			10 U	10 U	1 U	1 U	1 U	0.5 U
Bromomethane	5			10 U	10 U	2 U	2 U	2 U	1 U
Carbon disulfide	60			10 U	10 U	1 U	1 U	1 U	0.5 U
Carbon tetrachloride	5			10 U	10 U	1 U	1 U	1 U	0.5 U
Chlorobenzene	5			10 U	10 U	1 U	1 U	1 U	0.5 U
Chloroethane	5			10 U	10 U	1 U	1 U	1 U	1 U
Chloroform	7			10 U	10 U	1 U	1 U	1 U	0.5 U
cis-1,2-Dichloroethene	5			---	---	---	---	---	2
cis-1,3-Dichloropropene	0.4			10 U	10 U	1 U	1 U	1 U	0.5 U
Dibromochloromethane	50			10 U	10 U	1 U	1 U	1 U	0.5 U
Ethylbenzene	5			10 U	10 U	1 U	1 U	1 U	0.5 U
Methyl chloride	5			[5]	10 U	1 U	1 U	1 U	1 U
Methyl ethyl ketone	50			10 U	10 U	4 U	4 U	4 U	10 U
Methylene chloride	5			10 U	10 U	1 U	1 U	1 U	2 U
Styrene	5			10 U	10 U	1 U	1 U	1 U	0.5 U
Tetrachloroethene	5			10 U	10 U	1 U	1 U	1 U	0.5 U
Toluene	5			10 U	10 U	1 U	1 U	1 U	0.5 U
trans-1,2-Dichloroethene	5			---	---	---	---	---	0.5 U
trans-1,3-Dichloropropene	0.4			10 U	10 U	1 U	1 U	1 U	0.5 U
Trichloroethene	5			10 U	10 U	1 U	1 U	1 U	0.2 J
Vinyl chloride	2			10 U	10 U	1 U	1 U	1 U	0.3 J
Xylenes, Total	5			10 U	10 U	1 U	1 U	1 U	0.5 U

NOTES:
U - not detected, J - estimated, D - Diluted Result, H - Holding time exceeded, R - unusable, NS - no standard, Dup - duplicate sample,
--- Not analyzed, F - MS and/or MSD recovery/RPD exceeds the control limits
[ ] - Exceeds NYS Class GA Ground Water Qaulity Standard
Trip Blank associated with samples collected on 10/29/07 contained Acetone and Methylene Chloride.
Data have not been validated

Table 4
Groundwater Data - VOCs
Forest Glen Superfund Site
Niagara Falls, New York

		Location ID	MW-06S	MW-06S	MW-06S	MW-06S	MW-06S	MW-06S
		Depth Interva	-	-	-	-	-	-
		Sample Date	8/15/2001	11/29/2001	2/27/2002	5/15/2002	7/29/2003	2/4/2004
		Sample ID	MW-06S_WG_081501	MW-06S_WG_112901	MW-06S_WG_022702	MW-06S_WG_051502	MW-06S_WG_072903	MW-06S_WG_020404
Chemical Name	Class GA GW tandards (ug/l)		ug/l	ug/l	ug/l	ug/l	ug/l	ug/l
1,1,1-Trichloroethane	5		0.5 U	0.2 J	0.1 J	0.5 U	0.5 U	0.5 U
1,1,2,2-Tetrachloroethane	5		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1,2-Trichloroethane	1		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1-Dichloroethane	5		1	2	1	0.9	0.4 J	0.3 J
1,1-Dichloroethene	5		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,2-Dichloroethane	0.6		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,2-Dichloroethene (Total)	5		---	---	---	---	---	---
1,2-Dichloropropane	1		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
2-Hexanone	50		5 U	5 U	5 U	5 U	5 U	5 U
4-Methyl-2-pentanone	NS		5 U	5 U	5 U	5 U	5 U	5 U
Acetone	50		10 J	10 U	10 U	10 U	10 U	6 J
Benzene	1		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Bromodichloromethane	50		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Bromoform	50		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Bromomethane	5		1 U	1 U	1 U	1 U	1 U	1 U
Carbon disulfide	60		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.2 J
Carbon tetrachloride	5		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Chlorobenzene	5		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Chloroethane	5		1 U	1 U	1 U	1 U	1 U	1 U
Chloroform	7		0.5 U	0.5 U	0.5 U	0.5 U	0.3 J	0.5 U
cis-1,2-Dichloroethene	5		3	2	1	2	**[6]**	**[5]**
cis-1,3-Dichloropropene	0.4		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Dibromochloromethane	50		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Ethylbenzene	5		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Methyl chloride	5		1 U	1 U	1 U	1 U	1 U	1 U
Methyl ethyl ketone	50		10 U	10 U	10 U	10 U	10 U	10 U
Methylene chloride	5		2 U	2 U	2 U	2 U	2 U	2 U
Styrene	5		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Tetrachloroethene	5		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Toluene	5		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
trans-1,2-Dichloroethene	5		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.1 J
trans-1,3-Dichloropropene	0.4		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Trichloroethene	5		0.5 U	0.2 J	0.5 U	0.5 U	0.2 J	0.1 J
Vinyl chloride	2		0.8 J	0.4 J	0.4 J	0.2 J	0.7 J	0.5 J
Xylenes, Total	5		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U

NOTES:
U - not detected, J - estimated, D - Diluted Result, H - Holding time exceeded, R - unusable, NS - no standard, Dup - duplicate sample,
--- Not analyzed, F - MS and/or MSD recovery/RPD exceeds the control limits
[ ] - Exceeds NYS Class GA Ground Water Qaulity Standard
Trip Blank associated with samples collected on 10/29/07 contained Acetone and Methylene Chloride.
Data have not been validated

Table 4
Groundwater Data - VOCs
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW tandards (ug/l)		Location ID	MW-06S	MW-06S	MW-06S	MW-06S	MW-06S	MW-06S
			Depth Interva	-	-	-	-	-	-
			Sample Date	5/18/2004	8/5/2004	11/16/2004	2/15/2005	4/18/2005	9/7/2005
			Sample ID	MW-06S_WG_051804	MW-06S_WG_080504	MW-06S_WG_111604	MW-06S_WG_021505	MW-06S_WG_041805	MW-6S_09072005
				ug/l	ug/l	ug/l	ug/l	ug/l	ug/l
1,1,1-Trichloroethane	5			0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1,2,2-Tetrachloroethane	5			0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1,2-Trichloroethane	1			0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1-Dichloroethane	5			0.2 J	0.3 J	0.4 J	0.2 J	0.2 J	0.27 J
1,1-Dichloroethene	5			0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,2-Dichloroethane	0.6			0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,2-Dichloroethene (Total)	5			---	---	---	---	---	---
1,2-Dichloropropane	1			0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
2-Hexanone	50			5 U	5 U	5 U	5 U	5 U	5 U
4-Methyl-2-pentanone	NS			5 U	5 U	5 U	5 U	5 U	5 U
Acetone	50			10 U	10 U	5 J	2 J	10 U	1.56 J
Benzene	1			0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Bromodichloromethane	50			0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Bromoform	50			0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Bromomethane	5			1 U	1 U	1 U	1 U	1 U	1 U
Carbon disulfide	60			0.5 U	0.5 U	0.4 J	0.5 U	0.5 U	0.5 U
Carbon tetrachloride	5			0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Chlorobenzene	5			0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Chloroethane	5			1 U	1 U	1 U	1 U	1 U	1 U
Chloroform	7			0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
cis-1,2-Dichloroethene	5			4	**[30]**	**[14]**	**[13]**	**[6]**	**[16.2]**
cis-1,3-Dichloropropene	0.4			0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Dibromochloromethane	50			0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Ethylbenzene	5			0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Methyl chloride	5			1 U	1 U	1 U	1 U	1 U	1 U
Methyl ethyl ketone	50			10 U	10 U	10 U	10 U	10 U	10 U
Methylene chloride	5			2 U	2 U	2 U	2 U	2 U	2 U
Styrene	5			0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Tetrachloroethene	5			0.1 J	0.1 J	0.5 U	0.1 J	0.1 J	0.5 U
Toluene	5			0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
trans-1,2-Dichloroethene	5			0.1 J	0.3 J	0.2 J	0.2 J	0.2 J	0.17 J
trans-1,3-Dichloropropene	0.4			0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Trichloroethene	5			0.2 J	0.2 J	0.2 J	0.2 J	0.2 J	0.22 J
Vinyl chloride	2			0.4 J	1	0.9 J	0.7 J	0.3 J	**[3]**
Xylenes, Total	5			0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U

NOTES:
U - not detected, J - estimated, D - Diluted Result, H - Holding time exceeded, R - unusable, NS - no standard, Dup - duplicate sample,
--- Not analyzed, F - MS and/or MSD recovery/RPD exceeds the control limits
[ ] - Exceeds NYS Class GA Ground Water Qaulity Standard
Trip Blank associated with samples collected on 10/29/07 contained Acetone and Methylene Chloride.
Data have not been validated

Table 4
Groundwater Data - VOCs
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW tandards (ug/l)		Location ID	MW-06S	MW-06S	MW-06S	MW-06S	MW-06S	MW-06S
			Depth Interva	-	-	-	-	-	-
			Sample Date	11/15/2005	04/25/2006	11/13/2006	5/3/2007	10/31/2007	10/31/2007
			Sample ID	MW-6S_11152005	MW-6S_04252006	MW-6S_11132006	MW-6S_050307	X1-103107	MW-6S-103107
				ug/l	ug/l	ug/l	ug/l	ug/l	ug/l
1,1,1-Trichloroethane	5			0.5 U	0.5 U	0.5	0.5 U	0.5 HU	0.5 HU
1,1,2,2-Tetrachloroethane	5			0.5 U	0.5 U	0.5	0.5 U	0.5 HU	0.5 HU
1,1,2-Trichloroethane	1			0.5 U	0.5 U	0.5	0.5 U	0.5 HU	0.5 HU
1,1-Dichloroethane	5			0.31 J	0.14 J	0.15 J	0.5 U	0.95 H	0.13 JH
1,1-Dichloroethene	5			0.5 U	0.5 U	0.5	0.5 U	0.5 HU	0.5 HU
1,2-Dichloroethane	0.6			0.5 U	0.5 U	0.5	0.5 U	0.5 HU	0.5 HU
1,2-Dichloroethene (Total)	5			---	---	---	---	---	---
1,2-Dichloropropane	1			0.5 U	0.5 U	0.5	0.5 U	0.5 HU	0.5 HU
2-Hexanone	50			5 U	5 U	5	5 U	5 HU	5 HU
4-Methyl-2-pentanone	NS			5 U	5 U	5	5 U	5 HU	5 HU
Acetone	50			10 U	10 U	2.18 J	10 U	10 HU	10 HU
Benzene	1			0.5 U	0.5 U	0.5	0.5 U	0.5 HU	0.5 HU
Bromodichloromethane	50			0.5 U	0.5 U	0.5	0.5 U	0.5 HU	0.5 HU
Bromoform	50			0.5 U	0.5 U	0.5	0.5 U	0.5 HU	0.5 HU
Bromomethane	5			1 U	1 U	1	1 U	1 HU	1 HU
Carbon disulfide	60			0.5 U	0.5 U	0.5	0.5 U	0.5 HU	0.5 HU
Carbon tetrachloride	5			0.5 U	0.5 U	0.5	0.5 U	0.5 HU	0.5 HU
Chlorobenzene	5			0.5 U	0.5 U	0.5	0.5 U	0.5 HU	0.5 HU
Chloroethane	5			1 U	1 U	1	1 U	1 HU	1 HU
Chloroform	7			0.5 U	0.5 U	0.5	0.5 U	0.5 HU	0.5 HU
cis-1,2-Dichloroethene	5			**[36.1]**	**[2.57]**	**[12]**	1.01	**[6.2] H**	**[14.5] H**
cis-1,3-Dichloropropene	0.4			0.5 U	0.5 U	**[0.5]**	0.5 U	0.5 HU	0.5 HU
Dibromochloromethane	50			0.5 U	0.5 U	0.5	0.5 U	0.5 HU	0.5 HU
Ethylbenzene	5			0.5 U	0.5 U	0.5	0.5 U	0.5 HU	0.5 HU
Methyl chloride	5			1 U	1 U	1	1 U	1 HU	1 HU
Methyl ethyl ketone	50			10 U	10 U	10	10 U	10 HU	10 HU
Methylene chloride	5			2 U	2 U	2	2 U	2 HU	2 HU
Styrene	5			0.5 U	0.5 U	0.5	0.5 U	0.5 HU	0.5 HU
Tetrachloroethene	5			0.5 U	0.12 J	0.5	0.5 U	0.5 HU	0.5 HU
Toluene	5			0.5 U	0.5 U	0.5	0.5 U	0.5 HU	0.5 HU
trans-1,2-Dichloroethene	5			0.43 J	0.5 U	0.22 J	0.5 U	0.5 HU	0.5 HU
trans-1,3-Dichloropropene	0.4			0.5 U	0.5 U	**[0.5]**	0.5 U	0.5 HU	0.5 HU
Trichloroethene	5			0.3 J	0.2 J	0.23 J	0.14 J	0.22 JH	0.5 HU
Vinyl chloride	2			1.97	0.21 J	0.73 J	1 U	**[7.37] H**	1.38 H
Xylenes, Total	5			1 U	1 U	1	1 U	1 HU	1 HU

NOTES:
U - not detected, J - estimated, D - Diluted Result, H - Holding time exceeded, R - unusable, NS - no standard, Dup - duplicate sample,
--- Not analyzed, F - MS and/or MSD recovery/RPD exceeds the control limits
[ ] - Exceeds NYS Class GA Ground Water Qaulity Standard
Trip Blank associated with samples collected on 10/29/07 contained Acetone and Methylene Chloride.
Data have not been validated

RAMBOLL

Table 4
Groundwater Data - VOCs
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW tandards (ug/l)		Location ID	MW-06S	MW-06S	MW-06S	MW-06S	MW-06S	MW-06S
			Depth Interva	-	-	-	-	-	-
			Sample Date	5/22/2008	11/19/2008	10/21/2009	5/19/2010	1/19/2011	4/20/2011
			Sample ID	MW-6S-052208	MW-6S	W-6S-102109102120	W-6S-0519100519201	MW-6S-01192011	MW-6S-042011
				ug/l	ug/l	ug/l	ug/l	ug/l	ug/l
1,1,1-Trichloroethane	5			0.5 U	0.5 U	1 U	1 U	1 U	1 U
1,1,2,2-Tetrachloroethane	5			0.5 U	0.5 U	1 U	1 U	1 U	1 U
1,1,2-Trichloroethane	1			0.5 U	0.5 U	1 U	1 U	1 U	1 U
1,1-Dichloroethane	5			0.5 U	0.17 J	1 U	1 U	1 U	1 U
1,1-Dichloroethene	5			0.5 U	0.5 U	1 U	1 U	1 U	1 U
1,2-Dichloroethane	0.6			0.5 U	0.5 U	1 U	1 U	1 U	1 U
1,2-Dichloroethene (Total)	5			---	---	---	---	---	---
1,2-Dichloropropane	1			0.5 U	0.5 U	1 U	1 U	1 U	1 U
2-Hexanone	50			5 U	5 U	5 U	5 U	5 U	5 U
4-Methyl-2-pentanone	NS			5 U	5 U	5 U	5 U	5 U	5 U
Acetone	50			10 U	10 U	5 U	5 U	10 U	10 U
Benzene	1			0.5 U	0.5 U	1 U	1 U	1 U	1 U
Bromodichloromethane	50			0.5 U	0.5 U	1 U	1 U	1 U	1 U
Bromoform	50			1 U	1 U	1 U	1 U	1 U	1 U
Bromomethane	5			1 U	1 U	1 U	1 U	1 U	1 U
Carbon disulfide	60			0.5 U	0.5 U	1 U	1 U	1 U	1 U
Carbon tetrachloride	5			0.5 U	0.5 U	1 U	1 U	1 U	1 U
Chlorobenzene	5			0.5 U	0.5 U	1 U	1 U	1 U	1 U
Chloroethane	5			1 U	1 U	1 U	1 U	1 U	1 U
Chloroform	7			0.5 U	0.5 U	1 U	1 U	1 U	1 U
cis-1,2-Dichloroethene	5			2.87	**[26.1]**	**[5.6]**	1.5	2	1.1
cis-1,3-Dichloropropene	0.4			0.5 U	0.5 U	1 U	1 U	1 U	1 U
Dibromochloromethane	50			0.5 U	0.5 U	1 U	1 U	1 U	1 U
Ethylbenzene	5			0.5 U	0.5 U	1 U	1 U	1 U	1 U
Methyl chloride	5			1 U	1 U	1 U	1 U	1 U	1 U
Methyl ethyl ketone	50			10 U	10 U	5 U	5 U	10 U	10 U
Methylene chloride	5			2 U	2 U	1 U	1 U	1 U	1 U
Styrene	5			0.5 U	0.5 U	1 U	1 U	1 U	1 U
Tetrachloroethene	5			0.5 U	0.5 U	1 U	1 U	1 U	1 U
Toluene	5			0.5 U	0.5 U	1 U	1 U	1 U	1 U
trans-1,2-Dichloroethene	5			0.5 U	0.21 J	1 U	1 U	1 U	1 U
trans-1,3-Dichloropropene	0.4			0.5 U	0.5 U	1 U	1 U	1 U	1 U
Trichloroethene	5			0.5 U	0.25 J	1 U	1 U	1 U	1 U
Vinyl chloride	2			1 U	**[3.24]**	1.7	1 U	1 U	1 U
Xylenes, Total	5			1 U	1 U	2 U	2 U	2 U	2 U

NOTES:
U - not detected, J - estimated, D - Diluted Result, H - Holding time exceeded, R - unusable, NS - no standard, Dup - duplicate sample,
--- Not analyzed, F - MS and/or MSD recovery/RPD exceeds the control limits
[ ] - Exceeds NYS Class GA Ground Water Qaulity Standard
Trip Blank associated with samples collected on 10/29/07 contained Acetone and Methylene Chloride.
Data have not been validated

RAMBOLL

Table 4
Groundwater Data - VOCs
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW tandards (ug/l)		Location ID	MW-06S	MW-06S	MW-06S	MW-6S	MW-6S	MW-6S
			Depth Interva	-	-	-	-	-	-
			Sample Date	7/26/2011	10/26/2011	3/20/2012	8/7/2012	12/19/2012	5/21/2013
			Sample ID	MW-6S072611	MW6S102611	MW6S032012	MW6S080712	MW-6S-121912	MW-6S-052113
				ug/l	ug/l	ug/l	ug/l	ug/l	ug/l
1,1,1-Trichloroethane	5			1 U	1 U	1 U	1 U	1 U	1 U
1,1,2,2-Tetrachloroethane	5			1 U	1 U	1 U	1 U	1 U	1 U
1,1,2-Trichloroethane	1			1 U	1 U	1 U	1 U	1 U	1 U
1,1-Dichloroethane	5			1 U	1 U	1 U	1 U	1 U	1 U
1,1-Dichloroethene	5			1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichloroethane	0.6			1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichloroethene (Total)	5			---	---	---	---	---	---
1,2-Dichloropropane	1			1 U	1 U	1 U	1 U	1 U	1 U
2-Hexanone	50			5 U	5 U	5 U	5 U	5 U	5 U
4-Methyl-2-pentanone	NS			5 U	5 U	5 U	5 U	5 U	5 U
Acetone	50			10 U	10 U	10 U	10 U	10 U	10 U
Benzene	1			1 U	1 U	1 U	1 U	1 U	1 U
Bromodichloromethane	50			1 U	1 U	1 U	1 U	1 U	1 U
Bromoform	50			1 U	1 U	1 U	1 U	1 U	1 U
Bromomethane	5			1 U	1 U	1 U	1 U	1 U	1 U
Carbon disulfide	60			1 U	1 U	1 U	1 U	1 U	1 U
Carbon tetrachloride	5			1 U	1 U	1 U	1 U	1 U	1 U
Chlorobenzene	5			1 U	1 U	1 U	1 U	1 U	1 U
Chloroethane	5			1 U	1 U	1 U	1 U	1 U	1 U
Chloroform	7			1 U	1 U	1 U	1 U	1 U	1 U
cis-1,2-Dichloroethene	5			1.6	**[9]**	1.2	1.8	1.9	1.1
cis-1,3-Dichloropropene	0.4			1 U	1 U	1 U	1 U	1 U	1 U
Dibromochloromethane	50			1 U	1 U	1 U	1 U	1 U	1 U
Ethylbenzene	5			1 U	1 U	1 U	1 U	1 U	1 U
Methyl chloride	5			1 U	1 U	1 U	1 U	1 U	1 U
Methyl ethyl ketone	50			10 U	10 U	10 U	10 U	10 U	10 U
Methylene chloride	5			1 U	1 U	1 U	1 U	1 U	1 U
Styrene	5			1 U	1 U	1 U	1 U	1 U	1 U
Tetrachloroethene	5			1 U	1 U	1 U	1 U	1 U	1 U
Toluene	5			1 U	1 U	1 U	1 U	1 U	1 U
trans-1,2-Dichloroethene	5			1 U	1 U	1 U	1 U	1 U	1 U
trans-1,3-Dichloropropene	0.4			1 U	1 U	1 U	1 U	1 U	1 U
Trichloroethene	5			1 U	1 U	1 U	1 U	1 U	1 U
Vinyl chloride	2			1 U	**[2]**	1 U	1 U	1 U	1 U
Xylenes, Total	5			2 U	2 U	2 U	2 U	2 U	2 U

NOTES:
U - not detected, J - estimated, D - Diluted Result, H - Holding time exceeded, R - unusable, NS - no standard, Dup - duplicate sample,
--- Not analyzed, F - MS and/or MSD recovery/RPD exceeds the control limits
[ ] - Exceeds NYS Class GA Ground Water Qaulity Standard
Trip Blank associated with samples collected on 10/29/07 contained Acetone and Methylene Chloride.
Data have not been validated

RAMBOLL

Table 4
Groundwater Data - VOCs
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW tandards (ug/l)		Location ID	MW-6S	MW-6S	MW-6S	MW-6S	MW-6S	MW-6S
			Depth Interva	-	-	-	-	-	-
			Sample Date	8/21/2013	12/18/2013	3/25/2014	6/11/2014	9/23/2014	12/10/2014
			Sample ID	MW-6S-082113	MW-6S-121813	MW-6S-032514	MW-6S-061114	MW6S092314	MW 6S 121014
				ug/l	ug/l	ug/l	ug/l	ug/l	ug/l
1,1,1-Trichloroethane	5			1 U	1 U	1 U	1 U	1 U	1 U*
1,1,2,2-Tetrachloroethane	5			1 U	1 U	1 U	1 U	1 U	1 U
1,1,2-Trichloroethane	1			1 U	1 U	1 U	1 U	1 U	1 U
1,1-Dichloroethane	5			1 U	1 U	1 U	1 U	1 U	1 U
1,1-Dichloroethene	5			1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichloroethane	0.6			1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichloroethene (Total)	5			---	---	---	---	---	---
1,2-Dichloropropane	1			1 U	1 U	1 U	1 U	1 U	1 U
2-Hexanone	50			5 U	5 U	5 U	5 I	5 U	5 U
4-Methyl-2-pentanone	NS			5 U	5 U	5 U	5 I	5 U	5 U
Acetone	50			10 U	10 U	10 U	10 U	3.6 J	10 U
Benzene	1			1 U	1 U	1 U	1 U	1 U	1 U
Bromodichloromethane	50			1 U	1 U	1 U	1 U	1 U	1 U
Bromoform	50			1 U	1 U	1 U	1 U	1 U	1 U*
Bromomethane	5			1 U	1 U	1 U	1 U	1 U	1 U
Carbon disulfide	60			1 U	1 U	1 U	1 U	1 U	1 U
Carbon tetrachloride	5			1 U	1 U	1 U	1 U	1 U	1 U
Chlorobenzene	5			1 U	1 U	1 U	1 U	1 U	1 U
Chloroethane	5			1 U	1 U	1 U	1 U	1 U	1 U
Chloroform	7			1 U	1 U	1 U	1 U	1 U	1 U
cis-1,2-Dichloroethene	5			1.2	2	**[22]**	**[73]**	**[17]**	**[17]**
cis-1,3-Dichloropropene	0.4			1 U	1 U	1 U	1 U	1 U	1 U
Dibromochloromethane	50			1 U	1 U	1 U	1 U	1 U	1 U*
Ethylbenzene	5			1 U	1 U	1 U	1 U	1 U	1 U
Methyl chloride	5			1 U	1 U	1 U	1 U	1 U	1 U
Methyl ethyl ketone	50			10 U	10 U	10 U	10 U	10 U	10 U
Methylene chloride	5			1 U	1 U	1 U	1 U	1 U	1 U
Styrene	5			1 U	1 U	1 U	1 U	1 U	1 U
Tetrachloroethene	5			1 U	1 U	1 U	1 U	1 U	1.4
Toluene	5			1 U	1 U	1 U	1 U	1 U	1 U
trans-1,2-Dichloroethene	5			1 U	1 U	1 U	1 U	1 U	1 U
trans-1,3-Dichloropropene	0.4			1 U	1 U	1 U	1 U	1 U	1 U
Trichloroethene	5			1 U	1 U	1 U	1 U	1 U	1 U
Vinyl chloride	2			1 U	1 U	**[6.7]**	**[3.1]**	1.4	**[4.6]**
Xylenes, Total	5			2 U	2 U	2 U	2 U	2 U	2 U

NOTES:
U - not detected, J - estimated, D - Diluted Result, H - Holding time exceeded, R - unusable, NS - no standard, Dup - duplicate sample,
--- Not analyzed, F - MS and/or MSD recovery/RPD exceeds the control limits
[ ] - Exceeds NYS Class GA Ground Water Qaulity Standard
Trip Blank associated with samples collected on 10/29/07 contained Acetone and Methylene Chloride.
Data have not been validated

Table 4
Groundwater Data - VOCs
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW tandards (ug/l)		Location ID	MW-6S	MW-6S	MW-6S	MW-6S	MW-6S	MW-6S
			Depth Interva	-	-	-	-	-	-
			Sample Date	3/17/2015	6/24/2015	9/23/2015	1/12/2016	3/29/2016	6/21/2016
			Sample ID	MW-6S 031715	MW6S-062415	MW6S 092315	MW6S 011216	MW6S 032916	MW6S 062116
				ug/l	ug/l	ug/l	ug/l	ug/l	ug/l
1,1,1-Trichloroethane	5			1 U	1 U	1 U	1 U	1 U	1 U
1,1,2,2-Tetrachloroethane	5			1 U	1 U	1 U	1 U	1 U	1 U
1,1,2-Trichloroethane	1			1 U	1 U	1 U	1 U	1 U	1 U
1,1-Dichloroethane	5			1 U	1 U	1 U	1 U	1 U	1 U
1,1-Dichloroethene	5			1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichloroethane	0.6			1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichloroethene (Total)	5			---	---	---	---	----	---
1,2-Dichloropropane	1			1 U	1 U	1 U	1 U	1 U	1 U
2-Hexanone	50			5 U	5 U	5 U	5 U	5 U	5 U
4-Methyl-2-pentanone	NS			5 U	5 U	5 U	5 U	5 U	5 U
Acetone	50			4.3 J	10 U	10 U	10 U *	10 U	10 U
Benzene	1			1 U	1 U	1 U	1 U	1 U	1 U
Bromodichloromethane	50			1 U	1 U	1 U	1 U	1 U	1 U
Bromoform	50			1 U	1 U	1 U	1 U	1 U	1 U
Bromomethane	5			1 U	1 U	1 U	1 U	1 U	1 U
Carbon disulfide	60			1 U	1 U	1 U	1 U	1 U	1 U
Carbon tetrachloride	5			1 U	1 U	1 U	1 U	1 U*	1 U
Chlorobenzene	5			1 U	1 U	1 U	1 U	1 U	1 U
Chloroethane	5			1 U	1 U	1 U	1 U	1 U	1 U
Chloroform	7			1 U	1 U	1 U	1 U	1 U	1 U
cis-1,2-Dichloroethene	5			**[11]**	**[8.7]**	**[10]**	**[10]**	**[52]**	**[5]**
cis-1,3-Dichloropropene	0.4			1 U	1 U	1 U	1 U	1 U	1 U
Dibromochloromethane	50			1 U	1 U	1 U	1 U	1 U	1 U
Ethylbenzene	5			1 U	1 U	1 U	1 U	1 U	1 U
Methyl chloride	5			1 U	1 U	1 U	1 U	1 U	1 U
Methyl ethyl ketone	50			10 U	10 U	10 U	10 U	10 U	10 U
Methylene chloride	5			1 U	1 U	1 U	1 U	1 U	1 U
Styrene	5			1 U	1 U	1 U	1 U	1 U	1 U
Tetrachloroethene	5			1 U	1 U	1 U	1 U	1 U	1 U
Toluene	5			1 U	1 U	1 U	1 U	1 U	1 U
trans-1,2-Dichloroethene	5			1 U	1 U	1 U	1 U	1 U	1 U
trans-1,3-Dichloropropene	0.4			1 U	1 U	1 U	1 U	1 U*	1 U
Trichloroethene	5			1 U	1 U	1 U	1 U	0.8 J	1 U
Vinyl chloride	2			**[3.2]**	1 ^	**[2.8]**	**[5.7]**	**[16]**	1 U
Xylenes, Total	5			2 U	2 U	2 U	2 U	2 U	2 U

NOTES:
U - not detected, J - estimated, D - Diluted Result, H - Holding time exceeded, R - unusable, NS - no standard, Dup - duplicate sample,
--- Not analyzed, F - MS and/or MSD recovery/RPD exceeds the control limits
[ ] - Exceeds NYS Class GA Ground Water Qaulity Standard
Trip Blank associated with samples collected on 10/29/07 contained Acetone and Methylene Chloride.
Data have not been validated

Table 4
Groundwater Data - VOCs
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW tandards (ug/l)		Location ID	MW-6S	MW-6S	MW-6S	MW-6S	X-1	MW-6S
			Depth Interva	-	-	-	-	-	-
			Sample Date	9/20/2016	12/20/2016	4/11/2017	6/28/2017	6/28/2017	9/14/2017
			Sample ID	MW6S 092016	MW6S 122016	MW6S 041117	MW6S 062817	MW6S 062817	MW6S 091417
				ug/l	ug/l	ug/l	ug/l	ug/l	ug/l
1,1,1-Trichloroethane	5			1 U	1 U	1 U	1 U	1 U	1 U
1,1,2,2-Tetrachloroethane	5			1 U	1 U	1 U	1 U	1 U	1 U
1,1,2-Trichloroethane	1			1 U	1 U	1 U	1 U	1 U	1 U
1,1-Dichloroethane	5			1 U	1 U	1 U	1 U	1 U	1 U
1,1-Dichloroethene	5			1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichloroethane	0.6			1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichloroethene (Total)	5			---	---	---	---	---	---
1,2-Dichloropropane	1			1 U	1 U	1 U	1 U	1 U	1 U
2-Hexanone	50			5 U	5 U	5 U	5 U	5 U	5 U
4-Methyl-2-pentanone	NS			5 U	5 U	5 U	5 U	5 U	5 U
Acetone	50			10 U	10 U	10 U	10 U	10 U	3.3 J
Benzene	1			1 U	1 U	1 U	1 U	1 U	1 U
Bromodichloromethane	50			1 U	1 U	1 U	1 U	1 U	1 U
Bromoform	50			1 U	1 U	1 U	1 U	1 U	1 U
Bromomethane	5			1 U	1 U	1 U	1 U	1 U	1 U
Carbon disulfide	60			1 U	1 U	1 U	1 U	1 U	1 U
Carbon tetrachloride	5			1 U	1 U	1 U	1 U	1 U	1 U
Chlorobenzene	5			1 U	1 U	1 U	1 U	1 U	1 U
Chloroethane	5			1 U	1 U	1 U	1 U	1 U	1 U
Chloroform	7			1 U	1 U	1 U	1 U	1 U	1 U
cis-1,2-Dichloroethene	5			**[7.9]**	**[6.9]**	**[17]**	**[15]**	**[14]**	**[10]**
cis-1,3-Dichloropropene	0.4			1 U	1 U	1 U	1 U	1 U	1 U
Dibromochloromethane	50			1 U	1 U	1 U	1 U	1 U	1 U
Ethylbenzene	5			1 U	1 U	1 U	1 U	1 U	1 U
Methyl chloride	5			1 U	1 U	1 U	1 U	1 U	1 U
Methyl ethyl ketone	50			10 U	10 U	10 U	10 U	10 U	10 U
Methylene chloride	5			1 U	1 U	1 U	1 U	1 U	1 U
Styrene	5			1 U	1 U	1 U	1 U	1 U	1 U
Tetrachloroethene	5			1 U	1 U	1 U	0.39 J	1 U	1 U
Toluene	5			1 U	1 U	1 U	1 U	1 U	1 U
trans-1,2-Dichloroethene	5			1 U	1 U	1 U	1 U	1 U	1 U
trans-1,3-Dichloropropene	0.4			1 U	1 U	1 U	1 U	1 U	1 U
Trichloroethene	5			1 U	1 U	1 U	1 U	1 U	1 U
Vinyl chloride	2			**[11]**	**[6.2]**	**[8.7]**	**[9.1]**	**[8.9]**	**[3.8]**
Xylenes, Total	5			2 U	2 U	2 U	2 U	2 U	2 U

NOTES:
U - not detected, J - estimated, D - Diluted Result, H - Holding time exceeded, R - unusable, NS - no standard, Dup - duplicate sample,
--- Not analyzed, F - MS and/or MSD recovery/RPD exceeds the control limits
[ ] - Exceeds NYS Class GA Ground Water Qaulity Standard
Trip Blank associated with samples collected on 10/29/07 contained Acetone and Methylene Chloride.
Data have not been validated

Table 4
Groundwater Data - VOCs
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW tandards (ug/l)		Location ID	MW-6S	MW-06S	MW-06S	MW-06S	MW-06S	MW-06S
			Depth Interva	-	-	-	-	-	-
			Sample Date	12/20/2017	3/15/2018	6/20/2018	9/20/2018	11/29/2018	8/30/2018
			Sample ID	MW6S 122017	MW 6S 031518	MW 6S 062018	MW 6S 092018	MW-6S-112918	MW-6S-032019
				ug/l	ug/l	ug/l	ug/l	ug/l	ug/l
1,1,1-Trichloroethane	5			1.0 U	1.0 U	1.0 U	1.0 U	1 U	1 U
1,1,2,2-Tetrachloroethane	5			1.0 U	1.0 U	1.0 U	1.0 U	1 U	1 U
1,1,2-Trichloroethane	1			1.0 U	1.0 U	1.0 U	1.0 U	1 U	1 U
1,1-Dichloroethane	5			1.0 U	1.0 U	1.0 U	1.0 U	1 U	1 U
1,1-Dichloroethene	5			1.0 U	1.0 U	1.0 U	1.0 U	1 U	1 U
1,2-Dichloroethane	0.6			1.0 U	1.0 U	1.0 U	1.0 U	1 U	1 U
1,2-Dichloroethene (Total)	5			---	---	---	---	---	---
1,2-Dichloropropane	1			1.0 U	1.0 U	1.0 U	1.0 U	1 U	1 U
2-Hexanone	50			5.0 U	5.0 U	5.0 U	5.0 U	5 U	5 U
4-Methyl-2-pentanone	NS			5.0 U	5.0 U	5.0 U	5.0 U	5 U	5 U
Acetone	50			10 U	10 U	10 U	10 U	10 U	10 U
Benzene	1			1.0 U	1.0 U	1.0 U	1.0 U	1 U	1 U
Bromodichloromethane	50			1.0 U	1.0 U	1.0 U	1.0 U	1 U	1 U
Bromoform	50			1.0 U	1.0 U	1.0 U	1.0 U	1 U	1 U
Bromomethane	5			1.0 U	1.0 U	1.0 U	1.0 U	1 U	1 U
Carbon disulfide	60			1.0 U	1.0 U	1.0 U	1.0 U	1 U	1 U
Carbon tetrachloride	5			1.0 U	1.0 U	1.0 U	1.0 U	1 U	1 U
Chlorobenzene	5			1.0 U	1.0 U	1.0 U	1.0 U	1 U	1 U
Chloroethane	5			1.0 U	1.0 U	1.0 U	1.0 U	1 U	1 U
Chloroform	7			1.0 U	1.0 U	1.0 U	1.0 U	1 U	1 U
cis-1,2-Dichloroethene	5			4.7	**[28]**	**[6.3]**	**[15]**	**[13]**	**[39]**
cis-1,3-Dichloropropene	0.4			1.0 U	1.0 U	1.0 U	1.0 U	1 U	1 U
Dibromochloromethane	50			1.0 U	1.0 U	1.0 U	1.0 U*	1 U	1 U
Ethylbenzene	5			1.0 U	1.0 U	1.0 U	1.0 U	1 U	1 U
Methyl chloride	5			1.0 U	1.0 U	1.0 U	1.0 U	1 U	1 U
Methyl ethyl ketone	50			10 U	10 U	10 U	10 U	10 U	10 U
Methylene chloride	5			1.0 U	1.0 U	1.0 U	1.0 U	1 U	1 U
Styrene	5			1.0 U	1.0 U	1.0 U	1.0 U	1 U	1 U
Tetrachloroethene	5			1.0 U	1.0 U	1.0 U	1.0 U	1 U	1 U
Toluene	5			1.0 U	1.0 U	1.0 U	1.0 U	1 U	1 U
trans-1,2-Dichloroethene	5			1.0 U	1.0 U	1.0 U	1.0 U	1 U	1 U
trans-1,3-Dichloropropene	0.4			1.0 U	1.0 U	1.0 U	1.0 U	1 U	1 U
Trichloroethene	5			1.0 U	1.0 U	1.0 U	1.0 U	1 U	1 U
Vinyl chloride	2			1.0 U	**[29]**	1.0 U	**[19]**	**[22]**	**[28]**
Xylenes, Total	5			2.0 U	2.0 U	2.0 U	2.0 U	2 U	2 U

NOTES:
U - not detected, J - estimated, D - Diluted Result, H - Holding time exceeded, R - unusable, NS - no standard, Dup - duplicate sample,
--- Not analyzed, F - MS and/or MSD recovery/RPD exceeds the control limits
[ ] - Exceeds NYS Class GA Ground Water Qaulity Standard
Trip Blank associated with samples collected on 10/29/07 contained Acetone and Methylene Chloride.
Data have not been validated

Table 4
Groundwater Data - VOCs
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW tandards (ug/l)		Location ID	MW-06S	MW-06S	MW-06S	MW-06S	MW-06S	MW-06S
			Depth Interva	-	-	-	-	--	--
			Sample Date	6/19/2019	9/25/2019	12/18/2019	3/17/2020	6/16/2020	9/23/2020
			Sample ID	MW-6S-061919	MW-6S-092519	MW-6S-121819	MW 6S 031720	MW6S 061620	MW6S 092320
				ug/l	ug/l	ug/l	ug/l	µg/L	µg/L
1,1,1-Trichloroethane	5			1 U	1 U	1 U	1 U	1 U	1 U
1,1,2,2-Tetrachloroethane	5			1 U	1 U	1 U	1 U	1 U	1 U
1,1,2-Trichloroethane	1			1 U	1 U	1 U	1 U	1 U	1 U
1,1-Dichloroethane	5			1 U	1 U	1 U	1 U	1 U	1 U
1,1-Dichloroethene	5			1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichloroethane	0.6			1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichloroethene (Total)	5			---	---	---	---	---	---
1,2-Dichloropropane	1			1 U	1 U	1 U	1 U	1 U	1 U
2-Hexanone	50			5 U	5 U	5 U	5 U	5 U	5 U
4-Methyl-2-pentanone	NS			5 U	5 U	5 U	5 U	5 U	5 U
Acetone	50			10 U	10 U	10 U	10 U	10 U	10 U
Benzene	1			1 U	1 U	1 U	1 U	1 U	1 U
Bromodichloromethane	50			1 U	1 U	1 U	1 U	1 U	1 U
Bromoform	50			1 U	1 U	1 U	1 U	1 U	1 U
Bromomethane	5			1 U	1 U	1 U	1 U	1 U	1 U
Carbon disulfide	60			1 U	1 U	1 U	1 U	1 U	1 U
Carbon tetrachloride	5			1 U	1 U	1 U	1 U	1 U	1 U
Chlorobenzene	5			1 U	1 U	1 U	1 U	1 U	1 U
Chloroethane	5			1 U	1 U	1 U	1 U	1 U	1 U
Chloroform	7			1 U	1 U	1 U	1 U	1 U	1 U
cis-1,2-Dichloroethene	5			**[27]**	**[9.5]**	**[24]**	**[38]**	**[23]**	**[11]**
cis-1,3-Dichloropropene	0.4			1 U	1 U	1 U	1 U	1 U	1 U
Dibromochloromethane	50			1 U	1 U	1 U	1 U	1 U	1 U
Ethylbenzene	5			1 U	1 U	1 U	1 U	1 U	1 U
Methyl chloride	5			1 U	1 U	1 U	1 U	1 U	1 U
Methyl ethyl ketone	50			10 U	10 U	10 U	10 U	10 U	10 U
Methylene chloride	5			1 U	1 U	1 U	1 U	1 U	1 U
Styrene	5			1 U	1 U	1 U	1 U	1 U	1 U
Tetrachloroethene	5			1 U	1 U	1 U	1 U	1 U	1 U
Toluene	5			1 U	1 U	1 U	1 U	1 U	1 U
trans-1,2-Dichloroethene	5			1 U	1 U	1 U	1 U	1 U	1 U
trans-1,3-Dichloropropene	0.4			1 U	1 U	1 U	1 U	1 U	1 U
Trichloroethene	5			1 U	1 U	1 U	1 U	1 U	1 U
Vinyl chloride	2			**[23]**	**[7.9]**	**[23]**	**[68]**	**[34]**	**[23]**
Xylenes, Total	5			2 U	2 U	2 U	2 U	2 U	2 U

NOTES:
U - not detected, J - estimated, D - Diluted Result, H - Holding time exceeded, R - unusable, NS - no standard, Dup - duplicate sample,
--- Not analyzed, F - MS and/or MSD recovery/RPD exceeds the control limits
[ ] - Exceeds NYS Class GA Ground Water Qaulity Standard
Trip Blank associated with samples collected on 10/29/07 contained Acetone and Methylene Chloride.
Data have not been validated

Table 4
Groundwater Data - VOCs
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW tandards (ug/l)	Location ID	MW-06S	MW-06S	MW-06S	MW-06S	MW-06S	MW-06S
		Depth Interva	--		--	-	-	-
		Sample Date	12/15/2020	3/24/2021	6/15/2021	9/21/2021	12/21/2021	3/22/2022
		Sample ID	MW6S 121520	MW6S032421	MW6S 061521	MW6S 092121	MW6S 122121	MW6S 032222
			µg/L	ug/l	µg/L	ug/l	ug/l	ug/l
1,1,1-Trichloroethane	5		1 U	1U	1 U	1 U	1.0 U	1.0 U
1,1,2,2-Tetrachloroethane	5		1 U	1U	1 U	1 U	1.0 U	1.0 U
1,1,2-Trichloroethane	1		1 U	1U	1 U	1 U	1.0 U	1.0 U
1,1-Dichloroethane	5		1 U	1U	1 U	1 U	1.0 U	1.0 U
1,1-Dichloroethene	5		1 U	1U	1 U	1 U	1.0 U	1.0 U
1,2-Dichloroethane	0.6		1 U	1U	1 U	1 U	1.0 U	1.0 U
1,2-Dichloroethene (Total)	5		---	---	---	---	---	---
1,2-Dichloropropane	1		1 U	1U	1 U	1 U	1.0 U	1.0 U
2-Hexanone	50		5 U	5U	5 U	5 U	5.0 U	5.0 U
4-Methyl-2-pentanone	NS		5 U	5U	5 U	5 U	5.0 U	5.0 U
Acetone	50		10 U	10U	10 U	10 U	10 U	10 U
Benzene	1		1 U	1U	1 U	1 U	1.0 U	1.0 U
Bromodichloromethane	50		1 U	1U	1 U	1 U	1.0 U	1.0 U
Bromoform	50		1 U	1U	1 U	1 U	1.0 U	1.0 U
Bromomethane	5		1 U	1U	1 U	1 U	1.0 U	1.0 U
Carbon disulfide	60		1 U	1U	1 U	1 U	1.0 U	1.0 U
Carbon tetrachloride	5		1 U	1U	1 U	1 U	1.0 U	1.0 U
Chlorobenzene	5		1 U	1U	1 U	1 U	1.0 U	1.0 U
Chloroethane	5		1 U	1U	1 U	1 U	1.0 U	1.0 U
Chloroform	7		1 U	1U	1 U	1 U	1.0 U	1.0 U
cis-1,2-Dichloroethene	5		**[5.8]**	**[14]**	2.8	**[11]**	**[28]**	**[33]**
cis-1,3-Dichloropropene	0.4		1 U	1U	1 U	1 U	1.0 U	1.0 U
Dibromochloromethane	50		1 U	1U	1 U	1 U	1.0 U	1.0 U
Ethylbenzene	5		1 U	1U	1 U	1 U	1.0 U	1.0 U
Methyl chloride	5		1 U	1U	1 U	1 U	1.0 U	1.0 U
Methyl ethyl ketone	50		10 U	10U	10 U	10 U	10 U	10 U
Methylene chloride	5		1 U	1U	1 U	1 U	1.0 U	1.0 U
Styrene	5		1 U	1U	1 U	1 U	1.0 U	1.0 U
Tetrachloroethene	5		1 U	1U	1 U	1 U	1.0 U	1.0 U
Toluene	5		1 U	1U	1 U	1 U	1.0 U	1.0 U
trans-1,2-Dichloroethene	5		1 U	1U	1 U	1 U	1.0 U	1.0 U
trans-1,3-Dichloropropene	0.4		1 U	1U	1 U	1 U	1.0 U	1.0 U
Trichloroethene	5		1 U	1U	1 U	1 U	1.0 U	1.0 U
Vinyl chloride	2		1U	**[16]**	1.4	**[26]**	**[67]**	**[56]**
Xylenes, Total	5		2U	2U	2U	2 U	2.0 U	2.0 U

NOTES:
U - not detected, J - estimated, D - Diluted Result, H - Holding time exceeded, R - unusable, NS - no standard, Dup - duplicate sample,
--- Not analyzed, F - MS and/or MSD recovery/RPD exceeds the control limits
[ ] - Exceeds NYS Class GA Ground Water Qaulity Standard
Trip Blank associated with samples collected on 10/29/07 contained Acetone and Methylene Chloride.
Data have not been validated

Table 4
Groundwater Data - VOCs
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW tandards (ug/l)	Location ID Depth Interva Sample Date Sample ID	MW-06S - 6/22/2022 MW-6S 062222 ug/l	MW-06S - 9/27/2022 MW6S 092722 ug/l	MW-06S --- 12/21/2022 MW6S122122 ug/l
1,1,1-Trichloroethane	5		1.0 U	1.0 U	1.0 U
1,1,2,2-Tetrachloroethane	5		1.0 U	1.0 U *+	1.0 U
1,1,2-Trichloroethane	1		1.0 U	1.0 U	1.0 U
1,1-Dichloroethane	5		1.0 U	1.0 U *+	1.0 U
1,1-Dichloroethene	5		1.0 U	1.0 U	1.0 U
1,2-Dichloroethane	0.6		1.0 U	1.0 U *+	1.0 U
1,2-Dichloroethene (Total)	5		---	---	---
1,2-Dichloropropane	1		1.0 U	1.0 U *+	1.0 U
2-Hexanone	50		5.0 U	5.0 U	5.0 U *+
4-Methyl-2-pentanone	NS		5.0 U	5.0 U	5.0 U *+
Acetone	50		10 U	10 U	10 U
Benzene	1		1.0 U	1.0 U	1.0 U
Bromodichloromethane	50		1.0 U	1.0 U *+	1.0 U
Bromoform	50		1.0 U	1.0 U	1.0 U
Bromomethane	5		1.0 U	1.0 U	1.0 U
Carbon disulfide	60		1.0 U	1.0 U	1.0 U
Carbon tetrachloride	5		1.0 U	1.0 U	1.0 U
Chlorobenzene	5		1.0 U	1.0 U	1.0 U
Chloroethane	5		1.0 U	1.0 U	1.0 U
Chloroform	7		1.0 U	1.0 U	1.0 U
cis-1,2-Dichloroethene	5		**[8.2]**	**[14]**	**[6.3]**
cis-1,3-Dichloropropene	0.4		1.0 U	1.0 U *+	1.0 U
Dibromochloromethane	50		1.0 U	1.0 U *+	1.0 U
Ethylbenzene	5		1.0 U	1.0 U	1.0 U
Methyl chloride	5		1.0 U	1.0 U	1.0 U
Methyl ethyl ketone	50		10 U	10 U *+	10 U
Methylene chloride	5		1.0 U	1.0 U *+	1.0 U
Styrene	5		1.0 U	1.0 U *+	1.0 U
Tetrachloroethene	5		1.0 U	1.0 U *+	1.0 U
Toluene	5		1.0 U	1.0 U	1.0 U
trans-1,2-Dichloroethene	5		1.0 U	1.0 U	1.0 U
trans-1,3-Dichloropropene	0.4		1.0 U	1.0 U	1.0 U
Trichloroethene	5		1.0 U	1.0 U	1.0 U
Vinyl chloride	2		1.0 U	**[32]**	**[11]**
Xylenes, Total	5		2.0 U	2.0 U	2.0 U

NOTES:
U - not detected, J - estimated, B - compound found in the blank and sample, D - Diluted Result
R - unusable, NS - no standard, X-1 - duplicate sample, *+ - LCS or LCSD exceeds control limits, high biased
^ - instrument QC exceeds control limits, F - MS and/or MSD recovery/RPD exceeds the control limits
[ ] - Exceeds NYS Class GA Ground Water Qaulity Standard, '--- Not Analyzed
Data have not been validated

RAMBOLL

Table 4
Groundwater Data - VOCs
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW Stds (ug/l)	Location ID / Depth Interval / Sample Date / Sample ID	MW-06DD 60 - 62 7/29/2003 MW-06DD_WG_072903 ug/l	MW-06DD 69 - 70 7/29/2003 MW-06DD_WG_072903 ug/l	MW-06DD 80 - 81 7/29/2003 MW-06DD_WG_072903 ug/l	MW-06DD - 2/4/2004 MW-06DD_WG_02040 ug/l	MW-06DD 60 - 62 5/18/2004 MW-06DD_WG_051804 ug/l	MW-06DD 60 - 62 8/5/2004 MW-06DD_WG_080504 ug/l
1,1,1-Trichloroethane	5		0.5 U	0.5 U	0.7	**[5]**	2	**[9]**
1,1,2,2-Tetrachloroethane	5		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1,2-Trichloroethane	1		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1-Dichloroethane	5		0.1 J	0.5 U	1	**[5]**	**[5]**	**[5]**
1,1-Dichloroethene	5		0.5 U	0.5 U	0.5 U	0.3 J	0.2 J	0.3 J
1,2-Dichloroethane	0.6		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,2-Dichloroethene (Total)	5		---	---	---	---	---	---
1,2-Dichloropropane	1		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
2-Hexanone	50		5 U	5 U	5 U	5 U	5 U	5 U
4-Methyl-2-pentanone	NS		5 U	5 U	5 U	5 U	5 U	5 U
Acetone	50		10 U	10 U	10 U	4 J	10 U	10 U
Benzene	1		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Bromodichloromethane	50		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Bromoform	50		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Bromomethane	5		1 U	1 U	1 U	1 U	1 U	1 U
Carbon disulfide	60		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Carbon tetrachloride	5		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Chlorobenzene	5		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Chloroethane	5		1 U	1 U	1 U	1 U	1 U	1 U
Chloroform	7		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
cis-1,2-Dichloroethene	5		0.5 J	0.5 U	**[7]**	**[32]**	**[12]**	**[21]**
cis-1,3-Dichloropropene	0.4		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Dibromochloromethane	50		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Ethylbenzene	5		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Methyl chloride	5		1 U	1 U	1 U	1 U	1 U	1 U
Methyl ethyl ketone	50		10 U	10 U	10 U	10 U	10 U	10 U
Methylene chloride	5		2 U	2 U	2 U	2 U	2 U	2 U
Styrene	5		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Tetrachloroethene	5		0.5 U	0.5 U	0.5 J	0.8	0.6	0.7
Toluene	5		0.3 J	0.5 U	0.5 U	0.1 J	0.5 U	0.5 U
trans-1,2-Dichloroethene	5		0.5 U	0.5 U	0.5 U	0.3 J	0.1 J	0.2 J
trans-1,3-Dichloropropene	0.4		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Trichloroethene	5		0.5 U	0.5 U	0.3 J	2	1	2
Vinyl chloride	2		0.3 J	0.1 J	**[5]**	**[20]**	**[14]**	**[15]**
Xylenes, Total	5		0.5 U	0.5 U	0.5 U	0.5	0.5 U	0.5 U

NOTES:
U - not detected, J - estimated, D - Diluted Result, H - Holding time exceeded, R - unusable, NS - no standard, Dup - duplicate sample,
--- Not analyzed, F - MS and/or MSD recovery/RPD exceeds the control limits
[ ] - Exceeds NYS Class GA Ground Water Qaulity Standard
Trip Blank associated with samples collected on 10/29/07 contained Acetone and Methylene Chloride.
Data have not been validated

Table 4
Groundwater Data - VOCs
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW Stds (ug/l)	Location ID	MW-06DD	MW-06DD	MW-06DD	MW-06DD	MW-06DD	MW-06DD
		Depth Interval	60 - 62	60 - 62	60 - 62	-	-	-
		Sample Date	11/16/2004	2/15/2005	4/18/2005	9/6/2005	11/14/2005	4/25/2006
		Sample ID	MW-06DD WG 111604 ug/l	MW-06DD WG 021505 ug/l	MW-06DD WG 041805 ug/l	MW-6DD_09062005 ug/l	MW-6DD_11142005 ug/l	MW-6DD_04252006 ug/l
1,1,1-Trichloroethane	5		0.7	3	0.3 J	**[26.7]**	**[7.24]**	1.24
1,1,2,2-Tetrachloroethane	5		0.5 U	0.5 U	0.5 U	0.50 U	1.00 U	0.50 U
1,1,2-Trichloroethane	1		0.5 U	0.5 U	0.5 U	0.50 U	1.00 U	0.50 U
1,1-Dichloroethane	5		**[9]**	4	**[6]**	**[8.38]**	**[6.50]**	**[5.22]**
1,1-Dichloroethene	5		0.2 J	0.2 J	0.1 J	0.58	0.40 J	0.22 J
1,2-Dichloroethane	0.6		0.5 U	0.5 U	0.5 U	0.50 U	1.00 U	0.50 U
1,2-Dichloroethene (Total)	5		---	---	---	---	---	---
1,2-Dichloropropane	1		0.5 U	0.5 U	0.5 U	0.50 U	1.00 U	0.50 U
2-Hexanone	50		5 U	5 U	5 U	5.00 U	10.0 U	5.00 U
4-Methyl-2-pentanone	NS		5 U	5 U	5 U	5.00 U	10.0 U	5.00 U
Acetone	50		10 U	2 J	10 U	2.28 J	20.0 U	10.0 U
Benzene	1		0.2 J	0.5 U	0.5 U	0.50 U	1.00 U	0.50 U
Bromodichloromethane	50		0.5 U	0.5 U	0.5 U	0.50 U	1.00 U	0.50 U
Bromoform	50		0.5 U	0.5 U	0.5 U	0.50 U	1.00 U	0.50 U
Bromomethane	5		1 U	1 U	1 U	1.00 U	2.00 U	1.00 U
Carbon disulfide	60		0.2 J	0.5 U	0.5 U	0.50 U	1.00 U	0.50 U
Carbon tetrachloride	5		0.5 U	0.5 U	0.5 U	0.50 U	1.00 U	0.50 U
Chlorobenzene	5		0.5 U	0.5 U	0.5 U	0.50 U	1.00 U	0.50 U
Chloroethane	5		0.5 J	1 U	0.5 J	0.17 J	2.00 U	1.00 U
Chloroform	7		0.5 U	0.5 U	0.5 U	0.50 U	1.00 U	0.50 U
cis-1,2-Dichloroethene	5		**[16]**	**[14]**	**[11]**	**[49.9]**	**[41.8]**	**[15.8]**
cis-1,3-Dichloropropene	0.4		0.5 U	0.5 U	0.5 U	0.50 U	1.00 U	0.50 U
Dibromochloromethane	50		0.5 U	0.5 U	0.5 U	0.50 U	1.00 U	0.50 U
Ethylbenzene	5		0.2 J	0.5 U	0.5 U	0.50 U	1.00 U	0.50 U
Methyl chloride	5		1 U	1 U	1 U	1.00 U	2.00 U	1.00 U
Methyl ethyl ketone	50		10 U	10 U	10 U	10.0 U	20.0 U	10.0 U
Methylene chloride	5		2 U	2 U	2 U	2.00 U	0.80 J	2.00 U
Styrene	5		0.5 U	0.5 U	0.5 U	0.50 U	1.00 U	0.50 U
Tetrachloroethene	5		0.5 U	0.7	0.5 U	0.50 U	1.00 U	0.50 U
Toluene	5		0.5 U	0.5 U	0.5 U	0.50 U	1.00 U	0.50 U
trans-1,2-Dichloroethene	5		0.3 J	0.1 J	0.2 J	0.54	0.46 J	0.19 J
trans-1,3-Dichloropropene	0.4		0.5 U	0.5 U	0.5 U	0.50 U	1.00 U	0.50 U
Trichloroethene	5		0.6	2	0.7	4.85	3.94	0.89
Vinyl chloride	2		**[12]**	**[10]**	**[10]**	**[15.4]**	**[13.1]**	**[13.4]**
Xylenes, Total	5		0.9	0.5 U	0.3 J	1.00 U	2.00 U	1.00 U

NOTES:
U - not detected, J - estimated, D - Diluted Result, H - Holding time exceeded, R - unusable, NS - no standard, Dup - duplicate sample,
--- Not analyzed, F - MS and/or MSD recovery/RPD exceeds the control limits
[ ] - Exceeds NYS Class GA Ground Water Qaulity Standard
Trip Blank associated with samples collected on 10/29/07 contained Acetone and Methylene Chloride.
Data have not been validated

Table 4
Groundwater Data - VOCs
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW Stds (ug/l)	Location ID	MW-06DD	MW-06DD	MW-06DD	MW-06DD	MW-06DD	MW-06DD
		Depth Interval	-	-	-	-	-	-
		Sample Date	11/15/2006	5/2/2007	10/30/2007	5/22/2008	11/19/2008	10/21/2009
		Sample ID	MW-6DD_11152006	MW-6DD_050207	MW 6 DD-103007	MW 6 DD-052208	MW 6 DD-111908	MW-6DD-10212009
			ug/l	ug/l	ug/l	ug/l	ug/l	ug/l
1,1,1-Trichloroethane	5		1.48	2.01	1.1 H	0.5 U	0.5 U	1 U
1,1,2,2-Tetrachloroethane	5		1 U	0.5 U	0.5 HU	0.5 U	0.5 U	1 U
1,1,2-Trichloroethane	1		1 U	0.5 U	0.5 HU	0.5 U	0.5 U	1 U
1,1-Dichloroethane	5		4.38	4.52	4.49 H	2.41	2.36	1.8
1,1-Dichloroethene	5		0.22 J	0.24 J	0.5 HU	0.5 U	0.5 U	1 U
1,2-Dichloroethane	0.6		1 U	0.5 U	0.5 HU	0.5 U	0.5 U	1 U
1,2-Dichloroethene (Total)	5		---	---	---	---	---	---
1,2-Dichloropropane	1		1 U	0.5 U	0.5 HU	0.5 U	0.5 U	1 U
2-Hexanone	50		10 U	5 U	5 HU	5 U	5 U	5 U
4-Methyl-2-pentanone	NS		10 U	5 U	5 HU	5 U	5 U	5 U
Acetone	50		20 U	10 U	10 HU	10 U	10 U	5 U
Benzene	1		1 U	0.5 U	0.5 HU	0.5 U	0.5 U	1 U
Bromodichloromethane	50		1 U	0.5 U	0.5 HU	0.5 U	0.5 U	1 U
Bromoform	50		1 U	0.5 U	0.5 HU	1 U	1 U	1 U
Bromomethane	5		2 U	1 U	1 HU	1 U	1 U	1 U
Carbon disulfide	60		1 U	0.5 U	0.5 HU	0.5 U	0.5 U	1 U
Carbon tetrachloride	5		1 U	0.5 U	0.5 HU	0.5 U	0.5 U	1 U
Chlorobenzene	5		1 U	0.5 U	0.5 HU	0.5 U	0.5 U	1 U
Chloroethane	5		2 U	1 U	1 HU	1 U	1 U	1 U
Chloroform	7		1 U	0.5 U	0.5 HU	0.5 U	0.5 U	1 U
cis-1,2-Dichloroethene	5		**[16.4]**	**[13.7]**	**[18.4] H**	**[15.2]**	**[14.9]**	**[14]**
cis-1,3-Dichloropropene	0.4		1 U	0.5 U	0.5 HU	0.5 U	0.5 U	1 U
Dibromochloromethane	50		1 U	0.5 U	0.5 HU	0.5 U	0.5 U	1 U
Ethylbenzene	5		1 U	0.5 U	0.5 HU	0.5 U	0.5 U	1 U
Methyl chloride	5		2 U	1 U	1 HU	1 U	1 U	---
Methyl ethyl ketone	50		20 U	10 U	10 HU	10 U	10 U	---
Methylene chloride	5		4 U	2 U	2 HU	2 U	2 U	1 U
Styrene	5		1 U	0.5 U	0.5 HU	0.5 U	0.5 U	1 U
Tetrachloroethene	5		1 U	0.5 U	0.5 HU	0.5 U	0.5 U	1 U
Toluene	5		1 U	0.5 U	0.5 HU	0.5 U	0.5 U	1 U
trans-1,2-Dichloroethene	5		0.30 J	0.26 J	0.17 JH	0.23 J	0.5 U	1 U
trans-1,3-Dichloropropene	0.4		1 U	0.5 U	0.5 HU	0.5 U	0.5 U	1 U
Trichloroethene	5		1.2	0.82	0.17 JH	0.18 J	0.1 J	1 U
Vinyl chloride	2		**[10.6]**	**[8.17]**	**[10.1] H**	**[12.5]**	**[13]**	**[21]**
Xylenes, Total	5		2 U	1 U	1 HU	1 U	1 U	2 U

NOTES:
U - not detected, J - estimated, D - Diluted Result, H - Holding time exceeded, R - unusable, NS - no standard, Dup - duplicate sample,
--- Not analyzed, F - MS and/or MSD recovery/RPD exceeds the control limits
[ ] - Exceeds NYS Class GA Ground Water Qaulity Standard
Trip Blank associated with samples collected on 10/29/07 contained Acetone and Methylene Chloride.
Data have not been validated

RAMBOLL

Table 4
Groundwater Data - VOCs
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW Stds (ug/l)	Location ID	MW-06DD	MW-06DD	MW-06DD	MW-06DD	MW-06DD	MW-06DD
		Depth Interval	-	-	-	-		-
		Sample Date	05/19/2010	01/19/2011	4/20/2011	7/26/2011	10/26/2011	3/20/2012
		Sample ID	V-6DD-051910051920	MW-6DD-01192011	MW-6DD-042011	MW-6DD072611	MW6DD102611	MW6DD032012
			ug/l	ug/l	ug/l	ug/l	ug/l	ug/l
1,1,1-Trichloroethane	5		1 U	1 U	1 U	1 U	1 U	1 U
1,1,2,2-Tetrachloroethane	5		1 U	1 U	1 U	1 U	1 U	1 U
1,1,2-Trichloroethane	1		1 U	1 U	1 U	1 U	1 U	1 U
1,1-Dichloroethane	5		1.3	2.2	2	2.6	3.2	3.6
1,1-Dichloroethene	5		1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichloroethane	0.6		1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichloroethene (Total)	5		---	---	---	---	---	---
1,2-Dichloropropane	1		1 U	1 U	1 U	1 U	1 U	1 U
2-Hexanone	50		5 U	5 U	5 U	5 U	5 U	5 U
4-Methyl-2-pentanone	NS		5 U	5 U	5 U	5 U	5 U	5 U
Acetone	50		3.4 J	10 U	10 U	10 U	10 U	10 U
Benzene	1		1 U	1 U	1 U	1 U	1 U	1 U
Bromodichloromethane	50		1 U	1 U	1 U	1 U	1 U	1 U
Bromoform	50		1 U	1 U	1 U	1 U	1 U	1 U
Bromomethane	5		1 U	1 U	1 U	1 U	1 U	1 U
Carbon disulfide	60		1 U	1 U	1 U	1 U	1 U	1 U
Carbon tetrachloride	5		1 U	1 U	1 U	1 U	1 U	1 U
Chlorobenzene	5		1 U	1 U	1 U	1 U	1 U	1 U
Chloroethane	5		1 U	1 U	1 U	1 U	1 U	1 U
Chloroform	7		1 U	1 U	1 U	1 U	1 U	1 U
cis-1,2-Dichloroethene	5		2.8	**[11]**	**[8.5]**	**[26]**	**[14]**	**[22]**
cis-1,3-Dichloropropene	0.4		1 U	1 U	1 U	1 U	1 U	1 U
Dibromochloromethane	50		1 U	1 U	1 U	1 U	1 U	1 U
Ethylbenzene	5		1 U	1 U	1 U	1 U	1 U	1 U
Methyl chloride	5		1 U	1 U	1 U	1 U	1 U	1 U
Methyl ethyl ketone	50		5 U	10 U	10 U	10 U	10 U	10 U
Methylene chloride	5		1 U	1 U	1 U	1 U	1 U	1 U
Styrene	5		1 U	1 U	1 U	1 U	1 U	1 U
Tetrachloroethene	5		1 U	1 U	1 U	1 U	1 U	1 U
Toluene	5		0.78 J	1 U	1 U	1 U	1 U	1 U
trans-1,2-Dichloroethene	5		1 U	1 U	1 U	1 U	1 U	1 U
trans-1,3-Dichloropropene	0.4		1 U	1 U	1 U	1 U	1 U	1 U
Trichloroethene	5		1 U	1 U	1 U	1 U	1 U	1 U
Vinyl chloride	2		**[5.2]**	**[13]**	**[7.5]**	**[16]**	**[11]**	**[12]**
Xylenes, Total	5		2 U	2 U	2 U	2 U	2 U	2 U

NOTES:
U - not detected, J - estimated, D - Diluted Result, H - Holding time exceeded, R - unusable, NS - no standard, Dup - duplicate sample,
--- Not analyzed, F - MS and/or MSD recovery/RPD exceeds the control limits
[ ] - Exceeds NYS Class GA Ground Water Qaulity Standard
Trip Blank associated with samples collected on 10/29/07 contained Acetone and Methylene Chloride.
Data have not been validated

RAMBOLL

Table 4
Groundwater Data - VOCs
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW Stds (ug/l)	Location ID Depth Interval Sample Date Sample ID	MW-6DD 8/7/2012 MW6DD080712 ug/l	MW-6DD - 12/19/2012 MW-6DD-121912 ug/l	MW-6DD - 5/21/2013 MW-6DD-052113 ug/l	MW-6DD - 8/21/2013 MW-6DD-0821113 ug/l	MW-6DD - 12/18/2013 MW-6DD-121813 ug/l	MW-6DD - 3/25/2014 MW-6DD-032514 ug/l
1,1,1-Trichloroethane	5		1 U	1 U	1 U	1 U	1 U	1 U
1,1,2,2-Tetrachloroethane	5		1 U	1 U	1 U	1 U	1 U	1 U
1,1,2-Trichloroethane	1		1 U	1 U	1 U	1 U	1 U	1 U
1,1-Dichloroethane	5		4.2	4.6	2	1.9	3.7	0.7 J
1,1-Dichloroethene	5		1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichloroethane	0.6		1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichloroethene (Total)	5		---	---	---	---	---	---
1,2-Dichloropropane	1		1 U	1 U	1 U	1 U	1 U	1 U
2-Hexanone	50		5 U	5 U	5 U	5 U	5 U	5 U
4-Methyl-2-pentanone	NS		5 U	5 U	5 U	5 U	5 U	5 U
Acetone	50		10 U	10 U	10 U	10 U	10 U	10 U
Benzene	1		1 U	1 U	1 U	1 U	1 U	1 U
Bromodichloromethane	50		1 U	1 U	1 U	1 U	1 U	1 U
Bromoform	50		1 U	1 U	1 U	1 U	1 U	1 U
Bromomethane	5		1 U	1 U	1 U	1 U	1 U	1 U
Carbon disulfide	60		1 U	1 U	1 U	1 U	1 U	1 U
Carbon tetrachloride	5		1 U	1 U	1 U	1 U	1 U	1 U
Chlorobenzene	5		1 U	1 U	1 U	1 U	1 U	1 U
Chloroethane	5		1 U	1 U	1 U	1 U	1 U	1 U
Chloroform	7		1 U	1 U	1 U	1 U	1 U	1 U
cis-1,2-Dichloroethene	5		**[29]**	**[33]**	**[15]**	**[14]**	**[39]**	**[15]**
cis-1,3-Dichloropropene	0.4		1 U	1 U	1 U	1 U	1 U	1 U
Dibromochloromethane	50		1 U	1 U	1 U	1 U	1 U	1 U
Ethylbenzene	5		1 U	1 U	1 U	1 U	1 U	1 U
Methyl chloride	5		1 U	1 U	1 U	1 U	1 U	1 U
Methyl ethyl ketone	50		10 U	10 U	10 U	10 U	10 U	10 U
Methylene chloride	5		1 U	1 U	1 U	1 U	1 U	1 U
Styrene	5		1 U	1 U	1 U	1 U	1 U	1 U
Tetrachloroethene	5		1 U	1 U	1 U	1 U	1 U	1 U
Toluene	5		1 U	1 U	1 U	1 U	1 U	1 U
trans-1,2-Dichloroethene	5		1 U	1 U	1 U	1 U	1 U	1 U
trans-1,3-Dichloropropene	0.4		1 U	1 U	1 U	1 U	1 U	1 U
Trichloroethene	5		1 U	1 U	1 U	1 U	1 U	0.58 J
Vinyl chloride	2		**[19]**	**[19]**	**[15]**	**[17]**	**[32]**	**[3.4]**
Xylenes, Total	5		2 U	2 U	2 U	2 U	2 U	2 U

NOTES:
U - not detected, J - estimated, D - Diluted Result, H - Holding time exceeded, R - unusable, NS - no standard, Dup - duplicate sample,
--- Not analyzed, F - MS and/or MSD recovery/RPD exceeds the control limits
[ ] - Exceeds NYS Class GA Ground Water Qaulity Standard
Trip Blank associated with samples collected on 10/29/07 contained Acetone and Methylene Chloride.
Data have not been validated

RAMBOLL

Table 4
Groundwater Data - VOCs
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW Stds (ug/l)	Location ID Depth Interval Sample Date Sample ID	MW-6DD 6/10/2014 MW-6DD-061014 ug/l	MW-6DD - 9/23/2014 MW6DD092314 ug/l	MW-6DD - 12/9/2014 MW 6DD 120914 ug/l	MW-6DD - 3/17/2015 MW6DD 031715 ug/l	MW-6DD - 6/24/2015 MW6DD 062515 ug/l	MW-6DD - 9/22/2015 MW6DD 092215 ug/l
1,1,1-Trichloroethane	5		1 U	1 U	1 U*	1 U	1 U	1 U
1,1,2,2-Tetrachloroethane	5		1 U	1 U	1 U	1 U	1 U	1 U
1,1,2-Trichloroethane	1		1 U	1 U	1 U	1 U	1 U	1 U
1,1-Dichloroethane	5		0.92 J	0.61 J	1 U	1 U	0.84 J	0.73 J
1,1-Dichloroethene	5		1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichloroethane	0.6		1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichloroethene (Total)	5		---	---	---	---	---	---
1,2-Dichloropropane	1		1 U	1 U	1 U	1 U	1 U	1 U
2-Hexanone	50		5 U	5 U	5 U	5 U	5 U	5 U
4-Methyl-2-pentanone	NS		5 U	5 U	5 U	5 U	5 U	5 U
Acetone	50		10 U	10 U	10 U	10 U	10 U	10 U
Benzene	1		1 U	1 U	1 U	1 U	1 U	1 U
Bromodichloromethane	50		1 U	1 U	1 U	1 U	1 U	1 U
Bromoform	50		1 U	1 U	1 U*	1 U	1 U	1 U
Bromomethane	5		1 U	1 U	1 U	1 U	1 U	1 U
Carbon disulfide	60		1 U	1 U	1 U	1 U	1 U	1 U
Carbon tetrachloride	5		1 U	1 U	1 U	1 U	1 U	1 U
Chlorobenzene	5		1 U	1 U	1 U	1 U	1 U	1 U
Chloroethane	5		1 U	1 U	1 U	1 U	1 U	1 U
Chloroform	7		1 U	1 U	1 U	1 U	1 U	1 U
cis-1,2-Dichloroethene	5		**[30]**	**[17]**	**[17]**	**[20]**	**[19]**	**[13]**
cis-1,3-Dichloropropene	0.4		1 U	1 U	1 U	1 U	1 U	1 U
Dibromochloromethane	50		1 U	1 U	1 U*	1 U	1 U	1 U
Ethylbenzene	5		1 U	1 U	1 U	1 U	1 U	1 U
Methyl chloride	5		1 U	1 U	1 U	1 U	1 U	1 U
Methyl ethyl ketone	50		10 U	10 U	10 U	10 U	10 U	10 U
Methylene chloride	5		1 U	1 U	1 U	1 U	1 U	1 U
Styrene	5		1 U	1 U	1 U	1 U	1 U	1 U
Tetrachloroethene	5		0.57 J	1 U	1 U	1 U	1 U	1 U
Toluene	5		1 U	1 U	1 U	1 U	1 U	1 U
trans-1,2-Dichloroethene	5		1 U	1 U	1 U	1 U	1 U	1 U
trans-1,3-Dichloropropene	0.4		1 U	1 U	1 U	1 U	1 U	1 U
Trichloroethene	5		0.52 J	1 U	1 U	1 U	1 U	1 U
Vinyl chloride	2		**8.2**	**[5]**	**[5.3]**	1.9	**[4.9 ^]**	**[5.1]**
Xylenes, Total	5		2 U	2 U	2 U	2 U	2 U	2 U

NOTES:
U - not detected, J - estimated, D - Diluted Result, H - Holding time exceeded, R - unusable, NS - no standard, Dup - duplicate sample,
--- Not analyzed, F - MS and/or MSD recovery/RPD exceeds the control limits
[ ] - Exceeds NYS Class GA Ground Water Qaulity Standard
Trip Blank associated with samples collected on 10/29/07 contained Acetone and Methylene Chloride.
Data have not been validated

Table 4
Groundwater Data - VOCs
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW Stds (ug/l)	Location ID Depth Interval Sample Date Sample ID	MW-6DD - 1/12/2016 MW6DD 011216 ug/l	MW-6DD - 3/29/2016 MW6DD 032916 ug/l	MW-6DD - 6/21/2016 MW6DD 062116 ug/l	MW-6DD - 9/20/2016 MW6DD 092016 ug/l	MW-6DD - 12/20/2016 MW6DD 122016 ug/l	MW-6DD - 4/11/2017 MW6DD 041117 ug/l
1,1,1-Trichloroethane	5		1 U	1 U	1 U	1 U	1 U	1 U
1,1,2,2-Tetrachloroethane	5		1 U	1 U	1 U	1 U	1 U	1 U
1,1,2-Trichloroethane	1		1 U	1 U	1 U	1 U	1 U	1 U
1,1-Dichloroethane	5		0.43 J	1 U	0.71 J	0.62 J	0.55 J	1 U
1,1-Dichloroethene	5		1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichloroethane	0.6		1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichloroethene (Total)	5		---	----	---	---	---	---
1,2-Dichloropropane	1		1 U	1 U	1 U	1 U	1 U	1 U
2-Hexanone	50		5 U	5 U	5 U	5 U	5 U	5 U
4-Methyl-2-pentanone	NS		5 U	5 U	5 U	5 U	5 U	5 U
Acetone	50		10 U *	10 U	10 U	10 U	10 U	10 U
Benzene	1		1 U	1 U	1 U	1 U	1 U	1 U
Bromodichloromethane	50		1 U	1 U	1 U	1 U	1 U	1 U
Bromoform	50		1 U	1 U	1 U	1 U	1 U	1 U
Bromomethane	5		1 U	1 U	1 U	1 U	1 U	1 U
Carbon disulfide	60		1 U	1 U	1 U	1 U	1 U	1 U
Carbon tetrachloride	5		1 U	1 U*	1 U	1 U	1 U	1 U
Chlorobenzene	5		1 U	1 U	1 U	1 U	1 U	1 U
Chloroethane	5		1 U	1 U	1 U	1 U	1 U	1 U
Chloroform	7		1 U	1 U	1 U	1 U	1 U	1 U
cis-1,2-Dichloroethene	5		**[17]**	**[19]**	**[20]**	**[10]**	**[8.6]**	**[13]**
cis-1,3-Dichloropropene	0.4		1 U	1 U	1 U	1 U	1 U	1 U
Dibromochloromethane	50		1 U	1 U	1 U	1 U	1 U	1 U
Ethylbenzene	5		1 U	1 U	1 U	1 U	1 U	1 U
Methyl chloride	5		1 U	1 U	1 U	1 U	1 U	1 U
Methyl ethyl ketone	50		10 U	10 U	10 U	10 U	10 U	10 U
Methylene chloride	5		1 U	1 U	1 U	1 U	1 U	1 U
Styrene	5		1 U	1 U	1 U	1 U	1 U	1 U
Tetrachloroethene	5		1 U	1 U	0.52 J	1 U	1 U	1 U
Toluene	5		1 U	1 U	1 U	1.5	1 U	1 U
trans-1,2-Dichloroethene	5		1 U	1 U	1 U	1 U	1 U	1 U
trans-1,3-Dichloropropene	0.4		1 U	1 U*	1 U	1 U	1 U	1 U
Trichloroethene	5		1 U	0.69 J	1 U	1 U	1 U	0.69 J
Vinyl chloride	2		**[3.2]**	1.5	**[5.3]**	**[4.5]**	**[4]**	1 U
Xylenes, Total	5		2 U	2 U	2 U	2 U	2 U	2 U

NOTES:
U - not detected, J - estimated, D - Diluted Result, H - Holding time exceeded, R - unusable, NS - no standard, Dup - duplicate sample,
--- Not analyzed, F - MS and/or MSD recovery/RPD exceeds the control limits
[ ] - Exceeds NYS Class GA Ground Water Qaulity Standard
Trip Blank associated with samples collected on 10/29/07 contained Acetone and Methylene Chloride.
Data have not been validated

RAMBOLL

Table 4
Groundwater Data - VOCs
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW Stds (ug/l)	Location ID Depth Interval Sample Date Sample ID	MW-6DD - 6/28/2017 MW6DD 062817 ug/l	MW-6DD - 9/12/2017 MW6DD 091217 ug/l	MW-6DD - 12/20/2017 MW6DD 122017 ug/l	MW-06DD - 3/15/2018 MW 6DD 031518 ug/l	MW-06DD - 6/20/2018 MW 6DD 062018 ug/l	MW-6DD - 9/19/2018 MW 6DD 091918 ug/l
1,1,1-Trichloroethane	5		1 U	1 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1,2,2-Tetrachloroethane	5		1 U	1 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1,2-Trichloroethane	1		1 U	1 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1-Dichloroethane	5		1 U	0.6 J	1.0 U	0.82 J	0.64 J	0.51 J
1,1-Dichloroethene	5		1 U	1 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichloroethane	0.6		1 U	1 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichloroethene (Total)	5		---	---	---	---	---	---
1,2-Dichloropropane	1		1 U	1 U	1.0 U	1.0 U	1.0 U	1.0 U
2-Hexanone	50		5 U	5 U	5.0 U	5.0 U	5.0 U	5.0 U
4-Methyl-2-pentanone	NS		5 U	5 U	5.0 U	5.0 U	5.0 U	5.0 U*
Acetone	50		10 U	10 U	10 U	10 U	10 U	10 U
Benzene	1		1 U	1 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromodichloromethane	50		1 U	1 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromoform	50		1 U	1 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromomethane	5		1 U	1 U	1.0 U	1.0 U	1.0 U	1.0 U
Carbon disulfide	60		1 U	1 U	1.0 U	1.0 U	1.0 U	1.0 U
Carbon tetrachloride	5		1 U	1 U	1.0 U	1.0 U	1.0 U	1.0 U
Chlorobenzene	5		1 U	1 U	1.0 U	1.0 U	1.0 U	1.0 U
Chloroethane	5		1 U	1 U	1.0 U	1.0 U	1.0 U	1.0 U
Chloroform	7		1 U	1 U	1.0 U	1.0 U	1.0 U	1.0 U
cis-1,2-Dichloroethene	5		**[24]**	**[22]**	**[17]**	**[24]**	**[25]**	**[13]**
cis-1,3-Dichloropropene	0.4		1 U	1 U	1.0 U	1.0 U	1.0 U	1.0 U
Dibromochloromethane	50		1 U	1 U	1.0 U	1.0 U	1.0 U	1.0 U
Ethylbenzene	5		1 U	1 U	1.0 U	1.0 U	1.0 U	1.0 U
Methyl chloride	5		1 U	1 U	1.0 U	1.0 U	1.0 U	1.0 U
Methyl ethyl ketone	50		10 U	10 U	10 U	10 U	10 U	10 U
Methylene chloride	5		1 U	1 U	1.0 U	1.0 U	1.0 U	1.0 U
Styrene	5		1 U	1 U	1.0 U	1.0 U	1.0 U	1.0 U
Tetrachloroethene	5		1 U	1 U	1.0 U	1.0 U	0.39 J	1.0 U
Toluene	5		1 U	1 U	1.0 U	1.0 U	1.0 U	1.0 U
trans-1,2-Dichloroethene	5		1 U	1 U	1.0 U	1.0 U	1.0 U	1.0 U
trans-1,3-Dichloropropene	0.4		1 U	1 U	1.0 U	1.0 U	1.0 U	1.0 U
Trichloroethene	5		1 U	1 U	1.0 U	0.82 J	1.0 U	1.0 U
Vinyl chloride	2		**[4.5]**	**[5.3]**	1.0 U	**[3.9]**	**[5.3]**	**[4.9]**
Xylenes, Total	5		2 U	2 U	2.0 U	2.0 U	2.0 U	2.0 U

NOTES:
U - not detected, J - estimated, D - Diluted Result, H - Holding time exceeded, R - unusable, NS - no standard, Dup - duplicate sample,
--- Not analyzed, F - MS and/or MSD recovery/RPD exceeds the control limits
[ ] - Exceeds NYS Class GA Ground Water Qaulity Standard
Trip Blank associated with samples collected on 10/29/07 contained Acetone and Methylene Chloride.
Data have not been validated

RAMBOLL

Table 4
Groundwater Data - VOCs
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW Stds (ug/l)	Location ID Depth Interval Sample Date Sample ID	MW-6DD - 11/28/2018 MW-6DD-112818 ug/l	MW-6DD - 3/20/2019 MW-6DD-032019 ug/l	MW-6DD - 6/19/2019 MW-6DD-062119 ug/l	MW-6DD - 6/19/2019 MW-6DD-062119 ug/l	MW-6DD - 9/24/2019 MW-6DD-092419 ug/l	MW-6DD - 12/19/2019 MW-6DD-121919 ug/l
1,1,1-Trichloroethane	5		1 U	1 U	1 U	1 U	1 U	1 U
1,1,2,2-Tetrachloroethane	5		1 U	1 U	1 U	1 U	1 U	1 U
1,1,2-Trichloroethane	1		1 U	1 U	1 U	1 U	1 U	1 U
1,1-Dichloroethane	5		1 U	0.42 J	0.48 J	0.48 J	1 U	1 U
1,1-Dichloroethene	5		1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichloroethane	0.6		1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichloroethene (Total)	5		---	---	---	---	---	---
1,2-Dichloropropane	1		1 U	1 U	1 U	1 U	1 U	1 U
2-Hexanone	50		5 U *	5 U	5 U	5 U	5 U	5 U
4-Methyl-2-pentanone	NS		5 U	5 U	5 U	5 U	5 U	5 U
Acetone	50		10 U	10 U	10 U	10 U	10 U	10 U
Benzene	1		1 U	1 U	1 U	1 U	1 U	1 U
Bromodichloromethane	50		1 U	1 U	1 U	1 U	1 U	1 U
Bromoform	50		1 U	1 U	1 U	1 U	1 U	1 U
Bromomethane	5		1 U	1 U	1 U	1 U	1 U	1 U
Carbon disulfide	60		1 U	1 U	1 U	1 U	1 U	1 U
Carbon tetrachloride	5		1 U	1 U	1 U	1 U	1 U	1 U
Chlorobenzene	5		1 U	1 U	1 U	1 U	1 U	1 U
Chloroethane	5		1 U	1 U	1 U	1 U	1 U	1 U
Chloroform	7		1 U	1 U	1 U	1 U	1 U	1 U
cis-1,2-Dichloroethene	5		**[11]**	**[13]**	**[24]**	**[24]**	**[25]**	**[15]**
cis-1,3-Dichloropropene	0.4		1 U *	1 U	1 U	1 U	1 U	1 U
Dibromochloromethane	50		1 U	1 U	1 U	1 U	1 U	1 U
Ethylbenzene	5		1 U	1 U	1 U	1 U	1 U	1 U
Methyl chloride	5		1 U	1 U	1 U	1 U	1 U	1 U
Methyl ethyl ketone	50		10 U	10 U	10 U	10 U	10 U	10 U
Methylene chloride	5		1 U	1 U	1 U	1 U	1 U	1 U
Styrene	5		1 U	1 U	1 U	1 U	1 U	1 U
Tetrachloroethene	5		1 U	1 U	1 U	1 U	1 U	1 U
Toluene	5		1 U	1 U	1 U	1 U	1 U	1 U
trans-1,2-Dichloroethene	5		1 U	1 U	1 U	1 U	1 U	1 U
trans-1,3-Dichloropropene	0.4		1 U *	1 U	1 U	1 U	1 U	1 U
Trichloroethene	5		1 U	1 U	1 U	1 U	1 U	1 U
Vinyl chloride	2		1 U	1.2	**[6.7]**	**[6.7]**	**[5.5]**	1.5
Xylenes, Total	5		2 U	2 U	2 U	2 U	2 U	2 U

NOTES:
U - not detected, J - estimated, D - Diluted Result, H - Holding time exceeded, R - unusable, NS - no standard, Dup - duplicate sample,
--- Not analyzed, F - MS and/or MSD recovery/RPD exceeds the control limits
[ ] - Exceeds NYS Class GA Ground Water Qaulity Standard
Trip Blank associated with samples collected on 10/29/07 contained Acetone and Methylene Chloride.
Data have not been validated

RAMBOLL

Table 4
Groundwater Data - VOCs
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW Stds (ug/l)	Location ID Depth Interval Sample Date Sample ID	MW-06DD - 3/17/2020 MW 6DD 031720 ug/l	MW-06DD -- 6/16/2020 MW6DD 061620 µg/L	MW-06DD -- 9/22/2020 MW6DD 092220 µg/L	MW-06DD -- 12/15/2020 MW6DD 121520 µg/L	MW-06DD 3/23/2021 MW-6DD_032321 ug/l	MW-06DD -- 6/15/2021 MW6DD 061521 µg/L
1,1,1-Trichloroethane	5		1 U	1 U	1 U	1 U	1U	1 U
1,1,2,2-Tetrachloroethane	5		1 U	1 U	1 U	1 U	1U	1 U
1,1,2-Trichloroethane	1		1 U	1 U	1 U	1 U	1U	1 U
1,1-Dichloroethane	5		0.39 J	0.41 J	0.41 J	1 U	1U	1 U
1,1-Dichloroethene	5		1 U	1 U	1 U	1 U	1U	1 U
1,2-Dichloroethane	0.6		1 U	1 U	1 U	1 U	1U	1 U
1,2-Dichloroethene (Total)	5		---	---	---	---	---	---
1,2-Dichloropropane	1		1 U	1 U	1 U	1 U	1U	1 U
2-Hexanone	50		5 U	5 U	5 U	5 U	5U	5 U
4-Methyl-2-pentanone	NS		5 U	5 U	5 U	5 U	5U	5 U
Acetone	50		10 U	10 U	10 U	10 U	10U	10 U
Benzene	1		1 U	1 U	1 U	1 U	1U	1 U
Bromodichloromethane	50		1 U	1 U	1 U	1 U	1U	1 U
Bromoform	50		1 U	1 U	1 U	1 U	1U	1 U
Bromomethane	5		1 U	1 U	1 U	1 U	1U	1 U
Carbon disulfide	60		1 U	1 U	1 U	1 U	1U	1 U
Carbon tetrachloride	5		1 U	1 U	1 U	1 U	1U	1 U
Chlorobenzene	5		1 U	1 U	1 U	1 U	1U	1 U
Chloroethane	5		1 U	1 U	1 U	1 U	1U	1 U
Chloroform	7		1 U	1 U	1 U	1 U	1U	1 U
cis-1,2-Dichloroethene	5		**[15]**	**[28]**	**[16]**	**[18]**	**[15]**	**[20]**
cis-1,3-Dichloropropene	0.4		1 U	1 U	1 U	1 U	1U	1 U
Dibromochloromethane	50		1 U	1 U	1 U	1 U	1U	1 U
Ethylbenzene	5		1 U	1 U	1 U	1 U	1U	1 U
Methyl chloride	5		1 U	1 U	1 U	1 U	1U	1 U
Methyl ethyl ketone	50		10 U	10 U	10 U	10 U	10U	10 U
Methylene chloride	5		1 U	1 U	1 U	1 U	1U	1 U
Styrene	5		1 U	1 U	1 U	1 U	1U	1 U
Tetrachloroethene	5		1 U	0.37 J	1 U	1 U	1U	1 U
Toluene	5		1 U	1 U	1 U	1 U	1U	1 U
trans-1,2-Dichloroethene	5		1 U	1 U	1 U	1 U	1U	1 U
trans-1,3-Dichloropropene	0.4		1 U	1 U	1 U	1 U	1U	1 U
Trichloroethene	5		1 U	0.5 J	1 U	1 U	1U	1 U
Vinyl chloride	2		1.3	**[5.8]**	**[3.8]**	**[1.6]**	0.91 J	**[5.9]**
Xylenes, Total	5		2 U	2 U	2 U	2U	2U	2U

NOTES:
U - not detected, J - estimated, D - Diluted Result, H - Holding time exceeded, R - unusable, NS - no standard, Dup - duplicate sample,
--- Not analyzed, F - MS and/or MSD recovery/RPD exceeds the control limits
[ ] - Exceeds NYS Class GA Ground Water Qaulity Standard
Trip Blank associated with samples collected on 10/29/07 contained Acetone and Methylene Chloride.
Data have not been validated

RAMBOLL

Table 4
Groundwater Data - VOCs
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW Stds (ug/l)	Location ID Depth Interval Sample Date Sample ID	MW-06DD - 9/21/2021 MW6DD 092121 ug/l	MW-06DD - 12/21/2021 MW6DD 122121 ug/l	MW-06DD - 3/22/2022 MW6DD 032222 ug/l	MW-06DD - 6/22/2022 MW-6DD 062222 ug/l	MW-06DD - 9/27/2022 MW6DD 092722 ug/l	MW-06DD --- 12/21/2022 MW6DD122122 ug/l
1,1,1-Trichloroethane	5		1 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1,2,2-Tetrachloroethane	5		1 U	1.0 U	1.0 U	1.0 U	1.0 U *+	1.0 U
1,1,2-Trichloroethane	1		1 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1-Dichloroethane	5		0.39 J	1.0 U	1.0 U	1.0 U	1.0 U *+	1.0 U
1,1-Dichloroethene	5		1 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichloroethane	0.6		1 U	1.0 U	1.0 U	1.0 U	1.0 U *+	1.0 U
1,2-Dichloroethene (Total)	5		---	---	---	---	---	---
1,2-Dichloropropane	1		1 U	1.0 U	1.0 U	1.0 U	1.0 U *+	1.0 U
2-Hexanone	50		5 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U *+
4-Methyl-2-pentanone	NS		5 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U *+
Acetone	50		10 U	10 U	10 U	10 U	10 U	10 U
Benzene	1		1 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromodichloromethane	50		1 U	1.0 U	1.0 U	1.0 U	1.0 U *+	1.0 U
Bromoform	50		1 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromomethane	5		1 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Carbon disulfide	60		1 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Carbon tetrachloride	5		1 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chlorobenzene	5		1 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chloroethane	5		1 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chloroform	7		1 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
cis-1,2-Dichloroethene	5		**[19]**	**[16]**	**[11]**	**[22]**	**[32]**	**[15]**
cis-1,3-Dichloropropene	0.4		1 U	1.0 U	1.0 U	1.0 U	1.0 U *+	1.0 U
Dibromochloromethane	50		1 U	1.0 U	1.0 U	1.0 U	1.0 U *+	1.0 U
Ethylbenzene	5		1 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Methyl chloride	5		1 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Methyl ethyl ketone	50		10 U	10 U	10 U	10 U	10 U *+	10 U
Methylene chloride	5		1 U	1.0 U	1.0 U	1.0 U	1.0 U *+	1.0 U
Styrene	5		1 U	1.0 U	1.0 U	1.0 U	1.0 U *+	1.0 U
Tetrachloroethene	5		1 U	1.0 U	1.0 U	1.0 U	1.0 U *+	1.0 U
Toluene	5		1 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
trans-1,2-Dichloroethene	5		1 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
trans-1,3-Dichloropropene	0.4		1 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Trichloroethene	5		1 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Vinyl chloride	2		**[5.7]**	1.7	1.0 U	**[6.3]**	**[10]**	**[5.1]**
Xylenes, Total	5		2 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U

NOTES:
U - not detected, J - estimated, D - Diluted Result, H - Holding time exceeded, R - unusable, NS - no standard, Dup - duplicate sample,
--- Not analyzed, F - MS and/or MSD recovery/RPD exceeds the control limits
[ ] - Exceeds NYS Class GA Ground Water Qaulity Standard
Trip Blank associated with samples collected on 10/29/07 contained Acetone and Methylene Chloride.
Data have not been validated

RAMBOLL

Table 4
Groundwater Data - VOCs
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW Stds (ug/l)	Location ID	MW-07S	MW-07S	MW-07S	MW-07S	MW-07S	MW-07S
		Depth Interval	-	-	-	-	-	-
		Sample Date	9/12/1995	11/13/1995	7/23/1997	9/18/1997	2/18/2000	8/16/2001
		Sample ID	MW-07S_WG_091295	MW-07S_WG_111395	MW-07S_WG_072397	MW-07S_WG_091897	MW-07S_WG_021800	MW-07S_WG_081601
			ug/l	ug/l	ug/l	ug/l	ug/l	ug/l
1,1,1-Trichloroethane	5		10 U	10 U	1 U	1 U	0.5 U	0.5 U
1,1,2,2-Tetrachloroethane	5		10 U	10 U	1 U	1 U	0.5 U	0.5 U
1,1,2-Trichloroethane	1		10 U	10 U	1 U	1 U	0.5 U	0.5 U
1,1-Dichloroethane	5		10 U	10 U	1 U	1 U	0.5 U	0.5 U
1,1-Dichloroethene	5		10 U	10 U	1 U	1 U	0.5 U	0.5 U
1,2-Dichloroethane	0.6		10 U	10 U	1 U	1 U	0.5 U	0.5 U
1,2-Dichloroethene (Total)	5		10 U	10 U	1 U	1 U	---	---
1,2-Dichloropropane	1		10 U	10 U	1 U	1 U	0.5 U	0.5 U
2-Hexanone	50		10 UJ	10 U	2 U	2 U	5 U	5 U
4-Methyl-2-pentanone	NS		10 U	10 U	2 U	2 U	5 U	5 U
Acetone	50		10 UJ	10 UJ	2 U	2 U	10 U	10 J
Benzene	1		10 U	10 U	1 U	1 U	0.5 U	0.5 U
Bromodichloromethane	50		10 U	10 U	1 U	1 U	0.5 U	0.5 U
Bromoform	50		10 U	10 U	1 U	1 U	0.5 U	0.5 U
Bromomethane	5		10 U	10 U	2 U	2 U	1 U	1 U
Carbon disulfide	60		10 U	10 U	1 U	1 U	0.5 U	0.5 U
Carbon tetrachloride	5		10 U	10 U	1 U	1 U	0.5 U	0.5 UJ
Chlorobenzene	5		10 U	10 U	1 U	1 U	0.5 U	0.5 U
Chloroethane	5		10 U	10 U	1 U	1 U	1 U	1 UJ
Chloroform	7		10 UJ	10 U	1 U	1 U	0.5 U	0.5 U
cis-1,2-Dichloroethene	5		---	---	---	---	0.5 J	0.5 U
cis-1,3-Dichloropropene	0.4		10 U	10 U	1 U	1 U	0.5 U	0.5 U
Dibromochloromethane	50		10 U	10 U	1 U	1 U	0.5 U	0.5 U
Ethylbenzene	5		10 U	10 U	1 U	1 U	0.5 U	0.5 U
Methyl chloride	5		10 UJ	10 U	1 U	1 U	1 U	1 U
Methyl ethyl ketone	50		10 UJ	10 U	4 U	4 U	10 U	10 U
Methylene chloride	5		10 UJ	10 U	1 U	1 U	2 J	2 U
Styrene	5		10 U	10 U	1 U	1 U	0.5 U	0.5 U
Tetrachloroethene	5		10 U	10 U	1 U	1 U	0.5 U	0.1 J
Toluene	5		10 U	10 U	1 U	1 U	0.5 U	0.5 U
trans-1,2-Dichloroethene	5		---	---	---	---	0.5 U	0.5 U
trans-1,3-Dichloropropene	0.4		10 U	10 U	1 U	1 U	0.5 U	0.5 U
Trichloroethene	5		10 U	10 U	1 U	1 U	0.5 U	0.5 U
Vinyl chloride	2		10 U	10 U	1 U	1 U	1 U	1 U
Xylenes, Total	5		10 U	10 U	1 U	1 U	0.5 U	0.5 U

NOTES:
U - not detected, J - estimated, D - Diluted Result, H - Holding time exceeded, R - unusable, NS - no standard, Dup - duplicate sample,
--- Not analyzed, F - MS and/or MSD recovery/RPD exceeds the control limits
[ ] - Exceeds NYS Class GA Ground Water Qaulity Standard
Trip Blank associated with samples collected on 10/29/07 contained Acetone and Methylene Chloride.
Data have not been validated

Table 4
Groundwater Data - VOCs
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW Stds (ug/l)	Location ID	MW-07S	MW-07S	MW-07S	MW-07S	MW-07S	MW-07S
		Depth Interval	-	-	-	-	-	-
		Sample Date	11/28/2001	2/25/2002	5/16/2002	7/29/2003	2/3/2004	5/17/2004
		Sample ID	MW-07S_WG_112801	MW-07S_WG_022502	MW-07S_WG_051602	MW-07S_WG_072903	MW-07S_WG_020304	MW-07S_WG_051704
			ug/l	ug/l	ug/l	ug/l	ug/l	ug/l
1,1,1-Trichloroethane	5		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1,2,2-Tetrachloroethane	5		0.5 UJ	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1,2-Trichloroethane	1		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1-Dichloroethane	5		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1-Dichloroethene	5		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,2-Dichloroethane	0.6		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,2-Dichloroethene (Total)	5		---	---	---	---	---	---
1,2-Dichloropropane	1		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
2-Hexanone	50		5 U	5 U	5 U	5 U	5 U	5 U
4-Methyl-2-pentanone	NS		5 U	5 U	5 U	5 U	5 U	5 U
Acetone	50		10 U	10 U	10 U	10 U	10 U	10 U
Benzene	1		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Bromodichloromethane	50		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Bromoform	50		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Bromomethane	5		1 U	1 U	1 UJ	1 U	1 U	1 U
Carbon disulfide	60		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Carbon tetrachloride	5		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Chlorobenzene	5		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Chloroethane	5		1 U	1 U	1 U	1 U	1 U	1 U
Chloroform	7		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
cis-1,2-Dichloroethene	5		0.5 U	0.5 U	0.5 U	0.1 J	0.3 J	0.3 J
cis-1,3-Dichloropropene	0.4		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Dibromochloromethane	50		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Ethylbenzene	5		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Methyl chloride	5		1 U	1 U	1 U	1 U	1 U	1 U
Methyl ethyl ketone	50		10 U	10 U	10 U	10 U	10 U	10 U
Methylene chloride	5		2 U	2 U	2 U	2 U	2 U	2 U
Styrene	5		0.5 U	0.5 UJ	0.5 U	0.5 U	0.5 U	0.5 U
Tetrachloroethene	5		0.1 J	0.2 J	0.3 J	0.2 J	0.2 J	0.1 J
Toluene	5		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
trans-1,2-Dichloroethene	5		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
trans-1,3-Dichloropropene	0.4		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Trichloroethene	5		0.5 U	0.5 U	0.5 U	0.1 J	0.4 J	0.4 J
Vinyl chloride	2		1 U	1 U	1 U	1 U	1 U	1 U
Xylenes, Total	5		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U

NOTES:
U - not detected, J - estimated, D - Diluted Result, H - Holding time exceeded, R - unusable, NS - no standard, Dup - duplicate sample,
--- Not analyzed, F - MS and/or MSD recovery/RPD exceeds the control limits
[ ] - Exceeds NYS Class GA Ground Water Qaulity Standard
Trip Blank associated with samples collected on 10/29/07 contained Acetone and Methylene Chloride.
Data have not been validated

RAMBOLL

Table 4
Groundwater Data - VOCs
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW Stds (ug/l)	Location ID	MW-07S	MW-07S	MW-07S	MW-07S	MW-07S	MW-07S
		Depth Interval	-	-	-	-	-	-
		Sample Date	8/4/2004	11/15/2004	2/14/2005	4/18/2005	9/8/2005	11/16/2005
		Sample ID	MW-07S_WG_080404	MW-07S_WG_111504	MW-07S_WG_021405	MW-07S_WG_041805	MW-7S_09082005	MW-7S_11162005
			ug/l	ug/l	ug/l	ug/l	ug/l	ug/l
1,1,1-Trichloroethane	5		0.5 U	0.5 U	0.5 U	0.5 U	0.50 U	0.50 U
1,1,2,2-Tetrachloroethane	5		0.5 U	0.5 U	0.5 U	0.5 U	0.50 U	0.50 U
1,1,2-Trichloroethane	1		0.5 U	0.5 U	0.5 U	0.5 U	0.50 U	0.50 U
1,1-Dichloroethane	5		0.5 U	0.5 U	0.5 U	0.5 U	0.50 U	0.50 U
1,1-Dichloroethene	5		0.5 U	0.5 U	0.5 U	0.5 U	0.50 U	0.50 U
1,2-Dichloroethane	0.6		0.5 U	0.5 U	0.5 U	0.5 U	0.50 U	0.50 U
1,2-Dichloroethene (Total)	5		---	---	---	---	---	---
1,2-Dichloropropane	1		0.5 U	0.5 U	0.5 U	0.5 U	0.50 U	0.50 U
2-Hexanone	50		5 U	5 U	5 U	5 U	5.00 U	5.00 U
4-Methyl-2-pentanone	NS		5 U	5 U	5 U	5 U	5.00 U	5.00 U
Acetone	50		10 U	10 U	10 U	10 U	2.13 J	10.0 U
Benzene	1		0.5 U	0.5 U	0.5 U	0.5 U	0.50 U	0.50 U
Bromodichloromethane	50		0.5 U	0.5 U	0.5 U	0.5 U	0.50 U	0.50 U
Bromoform	50		0.5 U	0.5 U	0.5 U	0.5 U	0.50 U	0.50 U
Bromomethane	5		1 U	1 U	1 U	1 U	1.00 U	1.00 U
Carbon disulfide	60		0.5 U	0.5 U	0.5 U	0.5 U	0.50 U	0.50 U
Carbon tetrachloride	5		0.5 U	0.5 U	0.5 U	0.5 U	0.50 U	0.50 U
Chlorobenzene	5		0.5 U	0.5 U	0.5 U	0.5 U	0.50 U	0.50 U
Chloroethane	5		1 U	1 U	1 U	1 U	1.00 U	1.00 U
Chloroform	7		0.5 U	0.5 U	0.5 U	0.5 U	0.50 U	0.50 U
cis-1,2-Dichloroethene	5		0.4 J	0.5 J	0.4 J	0.5 J	0.64	0.34 J
cis-1,3-Dichloropropene	0.4		0.5 U	0.5 U	0.5 U	0.5 U	0.50 U	0.50 U
Dibromochloromethane	50		0.5 U	0.5 U	0.5 U	0.5 U	0.50 U	0.50 U
Ethylbenzene	5		0.5 U	0.5 U	0.5 U	0.5 U	0.50 U	0.50 U
Methyl chloride	5		1 U	1 U	1 U	1 U	1.00 U	1.00 U
Methyl ethyl ketone	50		10 U	10 U	10 U	10 U	10.0 U	10.0 U
Methylene chloride	5		2 U	2 U	2 U	2 U	2.00 U	2.00 U
Styrene	5		0.5 U	0.5 U	0.5 U	0.5 U	0.50 U	0.50 U
Tetrachloroethene	5		0.2 J	0.2 J	0.2 J	0.2 J	0.28 J	0.37 J
Toluene	5		0.5 U	0.5 U	0.5 U	0.5 U	0.50 U	0.50 U
trans-1,2-Dichloroethene	5		0.5 U	0.5 U	0.5 U	0.5 U	0.50 U	0.50 U
trans-1,3-Dichloropropene	0.4		0.5 U	0.5 U	0.5 U	0.5 U	0.50 U	0.50 U
Trichloroethene	5		0.5	0.6	0.5	0.8	0.96	0.73
Vinyl chloride	2		1 U	1 U	1 U	1 U	1.00 U	1.00 U
Xylenes, Total	5		0.5 U	0.5 U	0.5 U	0.5 U	1.00 U	1.00 U

NOTES:
U - not detected, J - estimated, D - Diluted Result, H - Holding time exceeded, R - unusable, NS - no standard, Dup - duplicate sample,
--- Not analyzed, F - MS and/or MSD recovery/RPD exceeds the control limits
[ ] - Exceeds NYS Class GA Ground Water Qaulity Standard
Trip Blank associated with samples collected on 10/29/07 contained Acetone and Methylene Chloride.
Data have not been validated

RAMBOLL

Table 4
Groundwater Data - VOCs
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW Stds (ug/l)	Location ID	MW-07S	MW-07S	MW-07S	MW-07S	MW-07S	MW-07S
		Depth Interval	-	-	-	-	-	-
		Sample Date	4/26/2006	11/15/2006	5/2/2007	10/31/2007	5/21/2008	11/20/2008
		Sample ID	MW-7S_04262006	MW-7S_11152006	MW-7S_050207	MW 7-S-103107	MW 7-S-052108	MW 7-S-112008
			ug/l	ug/l	ug/l	ug/l	ug/l	ug/l
1,1,1-Trichloroethane	5		0.50 U	0.5 U	0.5 U	0.5 HU	0.5 U	0.5 U
1,1,2,2-Tetrachloroethane	5		0.50 U	0.5 U	0.5 U	0.5 HU	0.5 U	0.5 U
1,1,2-Trichloroethane	1		0.50 U	0.5 U	0.5 U	0.5 HU	0.5 U	0.5 U
1,1-Dichloroethane	5		0.50 U	0.5 U	0.5 U	0.5 HU	0.5 U	0.5 U
1,1-Dichloroethene	5		0.50 U	0.5 U	0.5 U	0.5 HU	0.5 U	0.5 U
1,2-Dichloroethane	0.6		0.50 U	0.5 U	0.5 U	0.5 HU	0.5 U	0.5 U
1,2-Dichloroethene (Total)	5		---	---	---	---	---	---
1,2-Dichloropropane	1		0.50 U	0.5 U	0.5 U	0.5 HU	0.5 U	0.5 U
2-Hexanone	50		5.00 U	5 U	5 U	5 HU	5 U	5 U
4-Methyl-2-pentanone	NS		5.00 U	5 U	5 U	5 HU	5 U	5 U
Acetone	50		10.0 U	10 U	10 U	10 HU	10 U	10 U
Benzene	1		0.50 U	0.5 U	0.5 U	0.5 HU	0.5 U	0.5 U
Bromodichloromethane	50		0.50 U	0.5 U	0.5 U	0.5 HU	0.5 U	0.5 U
Bromoform	50		0.50 U	0.5 U	0.5 U	0.5 HU	1 U	1 U
Bromomethane	5		1.00 U	1 U	1 U	1 HU	1 U	1 U
Carbon disulfide	60		0.50 U	0.5 U	0.5 U	0.5 HU	0.5 U	0.5 U
Carbon tetrachloride	5		0.50 U	0.5 U	0.5 U	0.5 HU	0.5 U	0.5 U
Chlorobenzene	5		0.50 U	0.5 U	0.5 U	0.5 HU	0.5 U	0.5 U
Chloroethane	5		1.00 U	1 U	1 U	1 HU	1 U	1 U
Chloroform	7		0.50 U	0.5 U	0.5 U	0.5 HU	0.5 U	0.5 U
cis-1,2-Dichloroethene	5		0.46 J	0.6	0.27 J	0.39 JH	0.35 J	0.34 J
cis-1,3-Dichloropropene	0.4		0.50 U	0.5 U	0.5 U	0.5 HU	0.5 U	0.5 U
Dibromochloromethane	50		0.50 U	0.5 U	0.5 U	0.5 HU	0.5 U	0.5 U
Ethylbenzene	5		0.50 U	0.5 U	0.5 U	0.5 HU	0.5 U	0.5 U
Methyl chloride	5		1.00 U	1 U	1 U	1 HU	1 U	1 U
Methyl ethyl ketone	50		10.0 U	10 U	10 U	10 HU	10 U	10 U
Methylene chloride	5		0.16 J	2 U	2 U	2 HU	2 U	2 U
Styrene	5		0.50 U	0.5 U	0.5 U	0.5 HU	0.5 U	0.5 U
Tetrachloroethene	5		0.31 J	0.51	0.42 J	0.46 JH	0.44 J	0.69
Toluene	5		0.50 U	0.5 U	0.5 U	0.5 HU	0.5 U	0.5 U
trans-1,2-Dichloroethene	5		0.50 U	0.5 U	0.5 U	0.5 HU	0.5 U	0.5 U
trans-1,3-Dichloropropene	0.4		0.50 U	0.5 U	0.5 U	0.5 HU	0.5 U	0.5 U
Trichloroethene	5		1.2	1.44	1	0.98 H	1.42	1.25
Vinyl chloride	2		1.00 U	1 U	1 U	1 HU	1 U	1 U
Xylenes, Total	5		1.00 U	1 U	1 U	1 HU	1 U	1 U

NOTES:
U - not detected, J - estimated, D - Diluted Result, H - Holding time exceeded, R - unusable, NS - no standard, Dup - duplicate sample,
--- Not analyzed, F - MS and/or MSD recovery/RPD exceeds the control limits
[ ] - Exceeds NYS Class GA Ground Water Qaulity Standard
Trip Blank associated with samples collected on 10/29/07 contained Acetone and Methylene Chloride.
Data have not been validated

RAMBOLL

Table 4
Groundwater Data - VOCs
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW Stds (ug/l)	Location ID	MW-07S	MW-07S	MW-07S	MW-07S	MW-07S	MW-07S
		Depth Interval	-	-	-	-	-	
		Sample Date	10/20/2009	05/17/2010	01/18/2011	4/19/2011	7/27/2011	10/26/2011
		Sample ID	MW-7S-10202009	W-7S-0517100517201	MW-7S-01182011	MW-7S-041911	MW-7S072711	MW7S102611
			ug/l	ug/l	ug/l	ug/l	ug/l	ug/l
1,1,1-Trichloroethane	5		1 U	1 U	1 U	1 U	1 U	1 U
1,1,2,2-Tetrachloroethane	5		1 U	1 U	1 U	1 U	1 U	1 U
1,1,2-Trichloroethane	1		1 U	1 U	1 U	1 U	1 U	1 U
1,1-Dichloroethane	5		1 U	1 U	1 U	1 U	1 U	1 U
1,1-Dichloroethene	5		1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichloroethane	0.6		1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichloroethene (Total)	5		---	---	---	---	---	---
1,2-Dichloropropane	1		1 U	1 U	1 U	1 U	1 U	1 U
2-Hexanone	50		5 U	5 U	5 U	5 U	5 U	5 U
4-Methyl-2-pentanone	NS		5 U	5 U	5 U	5 U	5 U	5 U
Acetone	50		5 U	5 U	10 U	10 U	3 J	10 U
Benzene	1		1 U	1 U	1 U	1 U	1 U	1 U
Bromodichloromethane	50		1 U	1 U	1 U	1 U	1 U	1 U
Bromoform	50		1 U	1 U	1 U	1 U	1 U	1 U
Bromomethane	5		1 U	1 U	1 U	1 U	1 U	1 U
Carbon disulfide	60		1 U	1 U	1 U	1 U	1 U	1 U
Carbon tetrachloride	5		1 U	1 U	1 U	1 U	1 U	1 U
Chlorobenzene	5		1 U	1 U	1 U	1 U	1 U	1 U
Chloroethane	5		1 U	1 U	1 U	1 U	1 U	1 U
Chloroform	7		1 U	1 U	1 U	1 U	1 U	1 U
cis-1,2-Dichloroethene	5		1 U	1 U	1 U	1 U	1 U	1 U
cis-1,3-Dichloropropene	0.4		1 U	1 U	1 U	1 U	1 U	1 U
Dibromochloromethane	50		1 U	1 U	1 U	1 U	1 U	1 U
Ethylbenzene	5		1 U	1 U	1 U	1 U	1 U	1 U
Methyl chloride	5		---	1 U	1 U	1 U	1 U	1 U
Methyl ethyl ketone	50		---	5 U	10 U	10 U	10 U	10 U
Methylene chloride	5		1 U	1 U	1 U	1 U	1 U	1 U
Styrene	5		1 U	1 U	1 U	1 U	1 U	1 U
Tetrachloroethene	5		1 U	1 U	0.58 J	1 U	1 U	0.41 J
Toluene	5		2.3	1 U	1 U	1 U	1.3	1 U
trans-1,2-Dichloroethene	5		1 U	1 U	1 U	1 U	1 U	1 U
trans-1,3-Dichloropropene	0.4		1 U	1 U	1 U	1 U	1 U	1 U
Trichloroethene	5		1 U	0.86 J	1.4	1 U	1 U	0.86 J
Vinyl chloride	2		1 U	1 U	1 U	1 U	1 U	1 U
Xylenes, Total	5		2 U	2 U	2 U	2 U	2 U	2 U

NOTES:
U - not detected, J - estimated, D - Diluted Result, H - Holding time exceeded, R - unusable, NS - no standard, Dup - duplicate sample,
--- Not analyzed, F - MS and/or MSD recovery/RPD exceeds the control limits
[ ] - Exceeds NYS Class GA Ground Water Qaulity Standard
Trip Blank associated with samples collected on 10/29/07 contained Acetone and Methylene Chloride.
Data have not been validated

RAMBOLL

Table 4
Groundwater Data - VOCs
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW Stds (ug/l)	Location ID	MW-07S	MW-7S	MW-7S	MW-7S	MW-7S	MW-7S
		Depth Interval	-		-	-	-	-
		Sample Date	3/21/2012	8/8/2012	12/18/2012	5/23/2013	8/20/2013	12/17/2013
		Sample ID	MW7S032112	MW7S080812	MW-7S-121812	MW-7S-052313	MW-7S-082013	MW-7S-121713
			ug/l	ug/l	ug/l	ug/l	ug/l	ug/l
1,1,1-Trichloroethane	5		1 U	1 U	1 U	1 U	1 U	1 U
1,1,2,2-Tetrachloroethane	5		1 U	1 U	1 U	1 U	1 U	1 U
1,1,2-Trichloroethane	1		1 U	1 U	1 U	1 U	1 U	1 U
1,1-Dichloroethane	5		1 U	1 U	1 U	1 U	1 U	1 U
1,1-Dichloroethene	5		1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichloroethane	0.6		1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichloroethene (Total)	5		---	---	---	---	---	---
1,2-Dichloropropane	1		1 U	1 U	1 U	1 U	1 U	1 U
2-Hexanone	50		5 U	5 U	5 U	5 U	5 U	5 U
4-Methyl-2-pentanone	NS		5 U	5 U	5 U	5 U	5 U	5 U
Acetone	50		10 U	10 U	10 U	10 U	10 U	10 U
Benzene	1		1 U	1 U	1 U	1 U	1 U	1 U
Bromodichloromethane	50		1 U	1 U	1 U	1 U	1 U	1 U
Bromoform	50		1 U	1 U	1 U	1 U	1 U	1 U
Bromomethane	5		1 U	1 U	1 U	1 U	1 U	1 U
Carbon disulfide	60		1 U	1 U	1 U	1 U	1 U	1 U
Carbon tetrachloride	5		1 U	1 U	1 U	1 U	1 U	1 U
Chlorobenzene	5		1 U	1 U	1 U	1 U	1 U	1 U
Chloroethane	5		1 U	1 U	1 U	1 U	1 U	1 U
Chloroform	7		1 U	1 U	1 U	1 U	1 U	1 U
cis-1,2-Dichloroethene	5		1 U	1 U	1 U	1 U	1 U	1 U
cis-1,3-Dichloropropene	0.4		1 U	1 U	1 U	1 U	1 U	1 U
Dibromochloromethane	50		1 U	1 U	1 U	1 U	1 U	1 U
Ethylbenzene	5		1 U	1 U	1 U	1 U	1 U	1 U
Methyl chloride	5		1 U	1 U	1 U	1 U	1 U	1 U
Methyl ethyl ketone	50		10 U	10 U	10 U	10 U	10 U	10 U
Methylene chloride	5		1 U	1 U	1 U	1 U	1 U	1 U
Styrene	5		1 U	1 U	1 U	1 U	1 U	1 U
Tetrachloroethene	5		0.44 J	0.67 J	1 U	0.82 J	1 U	1 U
Toluene	5		1 U	1 U	1 U	1 U	1 U	1 U
trans-1,2-Dichloroethene	5		1 U	1 U	1 U	1 U	1 U	1 U
trans-1,3-Dichloropropene	0.4		1 U	1 U	1 U	1 U	1 U	1 U
Trichloroethene	5		1.3	1.7	1 U	1.7	1.2	1.2
Vinyl chloride	2		1 U	1 U	1 U	1 U	1 U	1 U
Xylenes, Total	5		2 U	2 U	2 U	2 U	2 U	2 U

NOTES:
U - not detected, J - estimated, D - Diluted Result, H - Holding time exceeded, R - unusable, NS - no standard, Dup - duplicate sample,
--- Not analyzed, F - MS and/or MSD recovery/RPD exceeds the control limits
[ ] - Exceeds NYS Class GA Ground Water Qaulity Standard
Trip Blank associated with samples collected on 10/29/07 contained Acetone and Methylene Chloride.
Data have not been validated

RAMBOLL

Table 4
Groundwater Data - VOCs
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW Stds (ug/l)	Location ID	MW-7S	MW-7S	MW-7S	MW-7S	MW-7S	MW-7S
		Depth Interval	-	-	-	-	-	-
		Sample Date	3/26/2014	6/11/2014	9/24/2014	12/10/2014	3/18/2015	6/24/2015
		Sample ID	MW-7S-032614	MW-7S-061114	MW7S092414	MW 7S 121014	MW7S031815	MW7S031815
			ug/l	ug/l	ug/l	ug/l	ug/l	ug/l
1,1,1-Trichloroethane	5		1 U	1 U	1 U	1 U	1 U	1 UF
1,1,2,2-Tetrachloroethane	5		1 U	1 U	1 U	1 U	1 U	1 U
1,1,2-Trichloroethane	1		1 U	1 U	1 U	1 U	1 U	1 U
1,1-Dichloroethane	5		1 U	1 U	1 U	1 U	1 U	1 U
1,1-Dichloroethene	5		1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichloroethane	0.6		1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichloroethene (Total)	5		---	---	---	---	---	---
1,2-Dichloropropane	1		1 U	1 U	1 U	1 U	1 U	1 U
2-Hexanone	50		5 U	5 U	5 U*	5 U	5 U	5 U
4-Methyl-2-pentanone	NS		5 U	5 U	5 U	5 U	5 U	5 U
Acetone	50		10 U	10 U	10 U	10 U	10 U	10 U
Benzene	1		1 U	1 U	1 U	1 U	1 U	1 U
Bromodichloromethane	50		1 U	1 U	1 U	1 U	1 U	1 U
Bromoform	50		1 U	1 U	1 U	1 U	1 U	1 U
Bromomethane	5		1 U	1 U	1 U	1 U	1 UF	1 UF
Carbon disulfide	60		1 U	1 U	1 U	1 U	1 U	1 U
Carbon tetrachloride	5		1 U	1 U	1 U	1 U	1 U	1 U
Chlorobenzene	5		1 U	1 U	1 U	1 U	1 U	1 U
Chloroethane	5		1 U	1 U	1 U	1 U	1 UF	1 UF
Chloroform	7		1 U	1 U	1 U	1 U	1 U	1 U
cis-1,2-Dichloroethene	5		1 U	1 U	1 U	1 U	1 U	1 U
cis-1,3-Dichloropropene	0.4		1 U	1 U	1 U	1 U	1 U	1 U
Dibromochloromethane	50		1 U	1 U	1 U	1 U	1 U	1 U
Ethylbenzene	5		1 U	1 U	1 U	1 U	1 U	1 U
Methyl chloride	5		1 U	1 U	1 U	1 U	1 U	1 U
Methyl ethyl ketone	50		10 U	10 U	10 U	10 U	10 U	10 U
Methylene chloride	5		1 U	1 U	1 U	1 U	1 UF	1 U
Styrene	5		1 U	1 U	1 U	1 U	1 U	1 U
Tetrachloroethene	5		1 U	0.42 J	1 U	0.47 J	1 U	1 UF
Toluene	5		1 U	1 U	1 U	1 U	1 U	1 U
trans-1,2-Dichloroethene	5		1 U	1 U	1 U	1 U	1 U	1 U
trans-1,3-Dichloropropene	0.4		1 U	1 U	1 U	1 U	1 U	1 U
Trichloroethene	5		0.48 J	1.3	0.97 J	1.7	1 U	1 U
Vinyl chloride	2		1 U	1 U	1 U	1 U	1 UF	1 U
Xylenes, Total	5		2 U	2 U	2 U	2 U	2 U	2 U

NOTES:
U - not detected, J - estimated, D - Diluted Result, H - Holding time exceeded, R - unusable, NS - no standard, Dup - duplicate sample,
--- Not analyzed, F - MS and/or MSD recovery/RPD exceeds the control limits
[ ] - Exceeds NYS Class GA Ground Water Qaulity Standard
Trip Blank associated with samples collected on 10/29/07 contained Acetone and Methylene Chloride.
Data have not been validated

RAMBOLL

Table 4
Groundwater Data - VOCs
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW Stds (ug/l)	Location ID / Depth Interval / Sample Date / Sample ID	MW-7S - 9/23/2015 MW7S 092315 ug/l	MW-7S - 1/13/2016 MW7S 011216 ug/l	MW-7S - 3/29/2016 MW7S 032916 ug/l	X-1 - 3/29/2016 MW7S 032916 ug/l	MW-7S - 6/2/2016 MW7S 062216 ug/l	MW-7S - 9/21/2016 MW7S 092116 ug/l
1,1,1-Trichloroethane	5		1 U	1 U	1 U	1 U	1 U	1 U
1,1,2,2-Tetrachloroethane	5		1 U	1 U	1 U	1 U	1 U	1 U
1,1,2-Trichloroethane	1		1 U	1 U	1 U	1 U	1 U	1 U
1,1-Dichloroethane	5		1 U	1 U	1 U	1 U	1 U	1 U
1,1-Dichloroethene	5		1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichloroethane	0.6		1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichloroethene (Total)	5		---	---	----	----	---	---
1,2-Dichloropropane	1		1 U	1 U	1 U	1 U	1 U	1 U
2-Hexanone	50		5 U	5 U	5 U	5 U	5 U	5 U
4-Methyl-2-pentanone	NS		5 U	5 U	5 U	5 U	5 U	5 U
Acetone	50		10 U	10 U *	10 U	10 U	10 U	10 U
Benzene	1		1 U	1 U	1 U	1 U	1 U	1 U
Bromodichloromethane	50		1 U	1 U	1 U	1 U	1 U	1 U
Bromoform	50		1 U	1 U	1 U	1 U	1 U	1 U
Bromomethane	5		1 U	1 U	1 U	1 U	1 U	1 U
Carbon disulfide	60		1 U	1 U	1 U	1 U	1 U	1 U
Carbon tetrachloride	5		1 U	1 U	1 U*	1 U*	1 U	1 U
Chlorobenzene	5		1 U	1 U	1 U	1 U	1 U	1 U
Chloroethane	5		1 U	1 U	1 U	1 U	1 U	1 U
Chloroform	7		1 U	1 U	1 U	1 U	1 U	1 U
cis-1,2-Dichloroethene	5		1 U	1 U	1 U	1 U	1 U	2.6
cis-1,3-Dichloropropene	0.4		1 U	1 U	1 U	1 U	1 U	1 U
Dibromochloromethane	50		1 U	1 U	1 U	1 U	1 U	1 U
Ethylbenzene	5		1 U	1 U	1 U	1 U	1 U	1 U
Methyl chloride	5		1 U	1 U	1 U	1 U	1 U	1 U
Methyl ethyl ketone	50		10 U	10 U	10 U	10 U	10 U	10 U
Methylene chloride	5		1 U	1 U	1 U	1 U	1 U	1 U
Styrene	5		1 U	1 U	1 U	1 U	1 U	1 U
Tetrachloroethene	5		1 U	1 U	1 U	1 U	1 U	0.46 J
Toluene	5		1 U	1 U	1 U	1 U	1 U	1
trans-1,2-Dichloroethene	5		1 U	1 U	1 U	1 U	1 U	1 U
trans-1,3-Dichloropropene	0.4		1 U	1 U	1 U*	1 U*	1 U	1 U
Trichloroethene	5		1.3	0.78 J	1 U	1 U	0.62 J	2.4
Vinyl chloride	2		1 U	1 U	1 U	1 U	1 U	1 U
Xylenes, Total	5		2 U	2 U	2 U	2 U	2 U	2 U

NOTES:
U - not detected, J - estimated, D - Diluted Result, H - Holding time exceeded, R - unusable, NS - no standard, Dup - duplicate sample,
--- Not analyzed, F - MS and/or MSD recovery/RPD exceeds the control limits
[ ] - Exceeds NYS Class GA Ground Water Qaulity Standard
Trip Blank associated with samples collected on 10/29/07 contained Acetone and Methylene Chloride.
Data have not been validated

RAMBOLL

Table 4
Groundwater Data - VOCs
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW Stds (ug/l)	Location ID	MW-7S	MW-7S	MW-7S	MW-7S	MW-7S	MW-07S
		Depth Interval	-	-	-	-	-	-
		Sample Date	12/21/2016	4/12/2017	6/28/2017	9/13/2017	12/20/2017	3/14/2018
		Sample ID	MW7S 122116	MW7S 041217	MW7S 062817	MW7S 091317	MW7S 122017	MW 7S 031418
			ug/l	ug/l	ug/l	ug/l	ug/l	ug/l
1,1,1-Trichloroethane	5		1 U	1 U	1 U	1 U	1.0 U	1.0 U
1,1,2,2-Tetrachloroethane	5		1 U	1 U	1 U	1 U	1.0 U	1.0 U
1,1,2-Trichloroethane	1		1 U	1 U	1 U	1 U	1.0 U	1.0 U
1,1-Dichloroethane	5		1 U	1 U	1 U	1 U	1.0 U	1.0 U
1,1-Dichloroethene	5		1 U	1 U	1 U	1 U	1.0 U	1.0 U
1,2-Dichloroethane	0.6		1 U	1 U	1 U	1 U	1.0 U	1.0 U
1,2-Dichloroethene (Total)	5		---	---	---	---	---	---
1,2-Dichloropropane	1		1 U	1 U	1 U	1 U	1.0 U	1.0 U
2-Hexanone	50		5 U	5 U	5 U	5 U	5.0 U	5.0 U
4-Methyl-2-pentanone	NS		5 U	5 U	5 U	5 U	5.0 U	5.0 U
Acetone	50		10 U	10 U	10 U	10 U	10 U	10 U
Benzene	1		1 U	1 U	1 U	1 U	1.0 U	1.0 U
Bromodichloromethane	50		1 U	1 U	1 U	1 U	1.0 U	1.0 U
Bromoform	50		1 U	1 U	1 U	1 U	1.0 U	1.0 U
Bromomethane	5		1 U	1 U	1 U	1 U	1.0 U	1.0 U
Carbon disulfide	60		1 U	1 U	1 U	1 U	1.0 U	1.0 U
Carbon tetrachloride	5		1 U	1 U	1 U	1 U	1.0 U	1.0 U
Chlorobenzene	5		1 U	1 U	1 U	1 U	1.0 U	1.0 U
Chloroethane	5		1 U	1 U	1 U	1 U	1.0 U	1.0 U
Chloroform	7		1 U	1 U	1 U	1 U	1.0 U	1.0 U
cis-1,2-Dichloroethene	5		1 U	1 U	1 U	1 U	1.0 U	1.0 U
cis-1,3-Dichloropropene	0.4		1 U	1 U	1 U	1 U	1.0 U	1.0 U
Dibromochloromethane	50		1 U	1 U	1 U	1 U	1.0 U	1.0 U
Ethylbenzene	5		1 U	1 U	1 U	1 U	1.0 U	1.0 U
Methyl chloride	5		1 U	1 U	1 U	1 U	1.0 U	1.0 U
Methyl ethyl ketone	50		10 U	10 U	10 U	10 U	10 U	10 U
Methylene chloride	5		1 U	1 U	1 U	1 U	1.0 U	1.0 U
Styrene	5		1 U	1 U	1 U	1 U	1.0 U	1.0 U
Tetrachloroethene	5		0.53 J	1 U	1 U	0.66 J	1.0 U	0.50 J
Toluene	5		1 U	1 U	1 U	1 U	1.0 U	1.0 U
trans-1,2-Dichloroethene	5		1 U	1 U	1 U	1 U	1.0 U	1.0 U
trans-1,3-Dichloropropene	0.4		1 U	1 U	1 U	1 U	1.0 U	1.0 U
Trichloroethene	5		1.4	1	1	1.8	1.1	1.4
Vinyl chloride	2		1 U	1 U	1 U	1 U	1.0 U	1.0 U
Xylenes, Total	5		2 U	2 U	2 U	2 U	2.0 U	2.0 U

NOTES:
U - not detected, J - estimated, D - Diluted Result, H - Holding time exceeded, R - unusable, NS - no standard, Dup - duplicate sample,
--- Not analyzed, F - MS and/or MSD recovery/RPD exceeds the control limits
[ ] - Exceeds NYS Class GA Ground Water Qaulity Standard
Trip Blank associated with samples collected on 10/29/07 contained Acetone and Methylene Chloride.
Data have not been validated

RAMBOLL

Table 4
Groundwater Data - VOCs
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW Stds (ug/l)	Location ID / Depth Interval / Sample Date / Sample ID	MW-07S - 6/19/2018 MW 7S 061918 ug/l	MW-07S - 9/18/2018 MW 7S 091818 ug/l	MW-07S - 11/28/2018 MW-7S-112818 ug/l	MW-07S - 3/19/2019 MW-7S-031919 ug/l	MW-07S - 3/19/2019 X-1-031919 ug/l	MW-07S - 6/20/2019 MW-7S-062019 ug/l
1,1,1-Trichloroethane	5		1.0 U	1.0 U	1 U	1 U	1 U	1 U
1,1,2,2-Tetrachloroethane	5		1.0 U	1.0 U	1 U	1 U	1 U	1 U
1,1,2-Trichloroethane	1		1.0 U	1.0 U	1 U	1 U	1 U	1 U
1,1-Dichloroethane	5		1.0 U	1.0 U	1 U	1 U	1 U	1 U
1,1-Dichloroethene	5		1.0 U	1.0 U	1 U	1 U	1 U	1 U
1,2-Dichloroethane	0.6		1.0 U	1.0 U	1 U	1 U	1 U	1 U
1,2-Dichloroethene (Total)	5		---	---	---	---	---	---
1,2-Dichloropropane	1		1.0 U	1.0 U	1 U	1 U	1 U	1 U
2-Hexanone	50		5.0 U	5.0 U	5 U *	5 U	5 U	5 U
4-Methyl-2-pentanone	NS		5.0 U	5.0 U*	5 U	5 U	5 U	5 U
Acetone	50		3.0 J	10 U	10 U	10 U	10 U	10 U
Benzene	1		1.0 U	1.0 U	1 U	1 U	1 U	1 U
Bromodichloromethane	50		1.0 U	1.0 U	1 U	1 U	1 U	1 U
Bromoform	50		1.0 U	1.0 U	1 U	1 U	1 U	1 U
Bromomethane	5		1.0 U	1.0 U	1 U	1 U	1 U	1 U
Carbon disulfide	60		1.0 U	0.28 J	1 U	1 U	1 U	1 U
Carbon tetrachloride	5		1.0 U	1.0 U	1 U	1 U	1 U	1 U
Chlorobenzene	5		1.0 U	1.0 U	1 U	1 U	1 U	1 U
Chloroethane	5		1.0 U	1.0 U	1 U	1 U	1 U	1 U
Chloroform	7		1.0 U	1.0 U	1 U	1 U	1 U	1 U
cis-1,2-Dichloroethene	5		1.0 U	1.0 U	1 U	1 U	1 U	1 U
cis-1,3-Dichloropropene	0.4		1.0 U	1.0 U	1 U *	1 U	1 U	1 U
Dibromochloromethane	50		1.0 U	1.0 U	1 U	1 U	1 U	1 U
Ethylbenzene	5		1.0 U	1.0 U	1 U	1 U	1 U	1 U
Methyl chloride	5		1.0 U	1.0 U	1 U	1 U	1 U	1 U
Methyl ethyl ketone	50		10 U	10 U	10 U	10 U	10 U	10 U
Methylene chloride	5		1.0 U	1.0 U	1 U	1 U	1 U	1 U
Styrene	5		1.0 U	1.0 U	1 U	1 U	1 U	1 U
Tetrachloroethene	5		1.0 U	0.47 J	0.39 J	0.42 J	0.5 J	0.44 J*
Toluene	5		1.0 U	1.0 U	1 U	1 U	1 U	1 U
trans-1,2-Dichloroethene	5		1.0 U	1.0 U	1 U	1 U	1 U	1 U
trans-1,3-Dichloropropene	0.4		1.0 U	1.0 U	1 U *	1 U	1 U	1 U
Trichloroethene	5		0.52 J	1.2	1.1	1.3	1.2	1.2
Vinyl chloride	2		1.0 U	1.0 U	1 U	1 U	1 U	1 U
Xylenes, Total	5		2.0 U	2.0 U	2 U	2 U	2 U	2 U

NOTES:
U - not detected, J - estimated, D - Diluted Result, H - Holding time exceeded, R - unusable, NS - no standard, Dup - duplicate sample,
--- Not analyzed, F - MS and/or MSD recovery/RPD exceeds the control limits
[ ] - Exceeds NYS Class GA Ground Water Qaulity Standard
Trip Blank associated with samples collected on 10/29/07 contained Acetone and Methylene Chloride.
Data have not been validated

Table 4
Groundwater Data - VOCs
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW Stds (ug/l)	Location ID / Depth Interval / Sample Date / Sample ID	MW-07S - 6/20/2019 X-1-062019 ug/l	MW-07S - 9/24/2019 MW-7S-092419 ug/l	MW-07S - 12/18/2019 MW-7S-121819 ug/l	MW-07S - 12/18/2019 X-1-121819 ug/l	MW-07S - 3/18/2020 MW 7S 031820 ug/l	MW-07S -- 6/17/2020 MW7S061720 µg/L
1,1,1-Trichloroethane	5		1 U	1 U	1 U	1 U	1 U	1 U
1,1,2,2-Tetrachloroethane	5		1 U	1 U	1 U	1 U	1 U	1 U
1,1,2-Trichloroethane	1		1 U	1 U	1 U	1 U	1 U	1 U
1,1-Dichloroethane	5		1 U	1 U	1 U	1 U	1 U	1 U
1,1-Dichloroethene	5		1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichloroethane	0.6		1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichloroethene (Total)	5		---	---	---	---	---	---
1,2-Dichloropropane	1		1 U	1 U	1 U	1 U	1 U	1 U
2-Hexanone	50		5 U	5 U	5 U	5 U	5 U	5 U
4-Methyl-2-pentanone	NS		5 U	5 U	5 U	5 U	5 U	5 U
Acetone	50		10 U	10 U	10 U	10 U	10 U	10 U
Benzene	1		1 U	1 U	1 U	1 U	1 U	1 U
Bromodichloromethane	50		1 U	1 U	1 U	1 U	1 U	1 U
Bromoform	50		1 U	1 U	1 U	1 U	1 U	1 U
Bromomethane	5		1 U	1 U	1 U	1 U	1 U	1 U
Carbon disulfide	60		1 U	1 U	1 U	1 U	1 U	1 U
Carbon tetrachloride	5		1 U	1 U	1 U	1 U	1 U	1 U
Chlorobenzene	5		1 U	1 U	1 U	1 U	1 U	1 U
Chloroethane	5		1 U	1 U	1 U	1 U	1 U	1 U
Chloroform	7		1 U	1 U	1 U	1 U	1 U	1 U
cis-1,2-Dichloroethene	5		1 U	1 U	1 U	1 U	1 U	1 U
cis-1,3-Dichloropropene	0.4		1 U	1 U	1 U	1 U	1 U	1 U
Dibromochloromethane	50		1 U	1 U	1 U	1 U	1 U	1 U
Ethylbenzene	5		1 U	1 U	1 U	1 U	1 U	1 U
Methyl chloride	5		1 U	1 U	1 U	1 U	1 U	1 U
Methyl ethyl ketone	50		10 U	10 U	10 U	10 U	10 U	10 U
Methylene chloride	5		1 U	1 U	1 U	1 U	1 U	1 U
Styrene	5		1 U	1 U	1 U	1 U	1 U	1 U
Tetrachloroethene	5		0.47 J*	1 U	0.46 J	0.56 J	0.5 J	1 U
Toluene	5		1 U	0.57 J	1 U	1 U	1 U	1 U
trans-1,2-Dichloroethene	5		1 U	1 U	1 U	1 U	1 U	1 U
trans-1,3-Dichloropropene	0.4		1 U	1 U	1 U	1 U	1 U	1 U
Trichloroethene	5		1.3	0.87 J	1.4	1.4	1.6	0.92 J
Vinyl chloride	2		1 U	1 U	1 U	1 U	1 U	1 U
Xylenes, Total	5		2 U	2 U	2 U	2 U	2 U	2 U

NOTES:
U - not detected, J - estimated, D - Diluted Result, H - Holding time exceeded, R - unusable, NS - no standard, Dup - duplicate sample,
--- Not analyzed, F - MS and/or MSD recovery/RPD exceeds the control limits
[ ] - Exceeds NYS Class GA Ground Water Qaulity Standard
Trip Blank associated with samples collected on 10/29/07 contained Acetone and Methylene Chloride.
Data have not been validated

RAMBOLL

Table 4
Groundwater Data - VOCs
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW Stds (ug/l)	Location ID Depth Interval Sample Date Sample ID	MW-07S -- 9/24/2020 MW7S092420 µg/L	MW-07S -- 12/15/2020 MW7S 121520 µg/L	MW-07S 3/25/2021 MW7S032521 ug/l	MW-07S -- 6/15/2021 MW7S 061521 µg/L	MW-07S - 9/22/2021 MW7S 092221 ug/l	MW-07S - 12/21/2021 MW7S 122121 ug/l
1,1,1-Trichloroethane	5		4 U	1 U	1U	1 U	1 U	1.0 U
1,1,2,2-Tetrachloroethane	5		4 U	1 U	1U	1 U	1 U	1.0 U
1,1,2-Trichloroethane	1		4 U	1 U	1U	1 U	1 U	1.0 U
1,1-Dichloroethane	5		4 U	1 U	1U	1 U	1 U	1.0 U
1,1-Dichloroethene	5		4 U	1 U	1U	1 U	1 U	1.0 U
1,2-Dichloroethane	0.6		4 U	1 U	1U	1 U	1 U	1.0 U
1,2-Dichloroethene (Total)	5		---	---	---	---	---	---
1,2-Dichloropropane	1		4 U	1 U	1U	1 U	1 U	1.0 U
2-Hexanone	50		20 U	5 U	5U	5 U	5 U	5.0 U
4-Methyl-2-pentanone	NS		20 U	5 U	5U	5 U	5 U	5.0 U
Acetone	50		40 U	10 U	10U	10 U	10 U	10 U
Benzene	1		4 U	1 U	1U	1 U	1 U	1.0 U
Bromodichloromethane	50		4 U	1 U	1U	1 U	1 U	1.0 U
Bromoform	50		4 U	1 U	1U	1 U	1 U	1.0 U
Bromomethane	5		4 U	1 U	1U	1 U	1 U	1.0 U
Carbon disulfide	60		4 U	1 U	1U	1 U	1 U	1.0 U
Carbon tetrachloride	5		4 U	1 U	1U	1 U	1 U	1.0 U
Chlorobenzene	5		4 U	1 U	1U	1 U	1 U	1.0 U
Chloroethane	5		4 U	1 U	1U	1 U	1 U	1.0 U
Chloroform	7		4 U	1 U	1U	1 U	1 U	1.0 U
cis-1,2-Dichloroethene	5		4 U	1 U	1U	1 U	1 U	1.0 U
cis-1,3-Dichloropropene	0.4		4 U	1 U	1U	1 U	1 U	1.0 U
Dibromochloromethane	50		4 U	1 U	1U	1 U	1 U	1.0 U
Ethylbenzene	5		4 U	1 U	1U	1 U	1 U	1.0 U
Methyl chloride	5		4 U	1 U	1U	1 U	1 U	1.0 U
Methyl ethyl ketone	50		40 U	10 U	10U	10 U	10 U	10 U
Methylene chloride	5		4 U	1 U	1U	1 U	1 U	1.0 U
Styrene	5		4 U	1 U	1U	1 U	1 U	1.0 U
Tetrachloroethene	5		4 U	0.46 J	1U	1 U	0.36 J	0.44 J
Toluene	5		4 U	1 U	1U	1 U	1 U	1.0 U
trans-1,2-Dichloroethene	5		4 U	1 U	1U	1 U	1 U	1.0 U
trans-1,3-Dichloropropene	0.4		4 U	1 U	1U	1 U	1 U	1.0 U
Trichloroethene	5		4 U	1.3	0.93 J	1.0	0.86 J	1.3
Vinyl chloride	2		4 U	1U	1U	1U	1 U	1.0 U
Xylenes, Total	5		8 U	2U	2U	2U	2 U	2.0 U

NOTES:
U - not detected, J - estimated, D - Diluted Result, H - Holding time exceeded, R - unusable, NS - no standard, Dup - duplicate sample,
--- Not analyzed, F - MS and/or MSD recovery/RPD exceeds the control limits
[ ] - Exceeds NYS Class GA Ground Water Qaulity Standard
Trip Blank associated with samples collected on 10/29/07 contained Acetone and Methylene Chloride.
Data have not been validated

RAMBOLL

Table 4
Groundwater Data - VOCs
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW Stds (ug/l)	Location ID Depth Interval Sample Date Sample ID	MW-07S - 3/23/2022 MW7S 032322 ug/l	MW-07S - 6/23/2022 MW-7S 062322 ug/l	MW-07S - 9/28/2022 MW7S 092822 ug/l	MW-07S - 12/22/2022 MW7S122222 ug/l
1,1,1-Trichloroethane	5		1.0 U	1.0 U	1.0 U	1.0 U
1,1,2,2-Tetrachloroethane	5		1.0 U	1.0 U	1.0 U *+	1.0 U
1,1,2-Trichloroethane	1		1.0 U	1.0 U	1.0 U	1.0 U
1,1-Dichloroethane	5		1.0 U	1.0 U	1.0 U *+	1.0 U
1,1-Dichloroethene	5		1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichloroethane	0.6		1.0 U	1.0 U	1.0 U *+	1.0 U
1,2-Dichloroethene (Total)	5		---	---	---	---
1,2-Dichloropropane	1		1.0 U	1.0 U	1.0 U *+	1.0 U
2-Hexanone	50		5.0 U	5.0 U	5.0 U	5.0 U *+
4-Methyl-2-pentanone	NS		5.0 U	5.0 U	5.0 U	5.0 U *+
Acetone	50		10 U	10 U	10 U	10 U
Benzene	1		1.0 U	1.0 U	1.0 U	1.0 U
Bromodichloromethane	50		1.0 U	1.0 U	1.0 U *+	1.0 U
Bromoform	50		1.0 U	1.0 U	1.0 U	1.0 U
Bromomethane	5		1.0 U	1.0 U	1.0 U	1.0 U
Carbon disulfide	60		1.0 U	1.0 U	1.0 U	1.0 U
Carbon tetrachloride	5		1.0 U	1.0 U	1.0 U	1.0 U
Chlorobenzene	5		1.0 U	1.0 U	1.0 U	1.0 U
Chloroethane	5		1.0 U *1	1.0 U	1.0 U	1.0 U
Chloroform	7		1.0 U	1.0 U	1.0 U	1.0 U
cis-1,2-Dichloroethene	5		1.0 U	1.0 U	1.0 U	1.0 U
cis-1,3-Dichloropropene	0.4		1.0 U	1.0 U	1.0 U *+	1.0 U
Dibromochloromethane	50		1.0 U	1.0 U	1.0 U *+	1.0 U
Ethylbenzene	5		1.0 U	1.0 U	1.0 U	1.0 U
Methyl chloride	5		1.0 U	1.0 U	1.0 U	1.0 U
Methyl ethyl ketone	50		10 U	10 U	10 U *+	10 U
Methylene chloride	5		1.0 U	1.0 U	1.0 U *+	1.0 U
Styrene	5		1.0 U	1.0 U	1.0 U *+	1.0 U
Tetrachloroethene	5		1.0 U	1.0 U	0.60 J *+	1.0 U
Toluene	5		1.0 U	1.0 U	1.0 U	1.0 U
trans-1,2-Dichloroethene	5		1.0 U	1.0 U	1.0 U	1.0 U
trans-1,3-Dichloropropene	0.4		1.0 U	1.0 U	1.0 U	1.0 U
Trichloroethene	5		0.93 J	0.75 J	1.4	1.0
Vinyl chloride	2		1.0 U	1.0 U	1.0 U	1.0 U
Xylenes, Total	5		2.0 U	2.0 U	2.0 U	2.0 U

NOTES:
U - not detected, J - estimated, D - Diluted Result, H - Holding time exceeded, R - unusable, NS - no standard, Dup - duplicate sample,
--- Not analyzed, F - MS and/or MSD recovery/RPD exceeds the control limits
[ ] - Exceeds NYS Class GA Ground Water Qaulity Standard
Trip Blank associated with samples collected on 10/29/07 contained Acetone and Methylene Chloride.
Data have not been validated

RAMBOLL

Table 4
Groundwater Data - VOCs
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW Stds (ug/l)	Location ID	MW-07D	MW-07D	MW-07D	MW-07D	MW-07D	MW-07D
		Depth Interval	-	-	-	-	-	-
		Sample Date	9/21/1995	11/14/1995	7/23/1997	9/18/1997	2/18/2000	8/16/2001
		Sample ID	MW-07D_WG_092195	MW-07D_WG_111495	MW-07D_WG_072397	MW-07D_WG_091897	MW-07D_WG_021800	MW-07D_WG_081601
			ug/l	ug/l	ug/l	ug/l	ug/l	ug/l
1,1,1-Trichloroethane	5		10 U	10 U	**[5.7]**	**[12]**	**[34]**	**[34]**
1,1,2,2-Tetrachloroethane	5		10 U	10 U	1 U	1 U	0.5 U	0.5 U
1,1,2-Trichloroethane	1		10 U	10 U	1 U	1 U	0.2 J	0.5 U
1,1-Dichloroethane	5		10 U	10 U	**[8]**	**[15]**	**[41]**	**[35]**
1,1-Dichloroethene	5		10 U	10 U	1 U	1.3	4	3
1,2-Dichloroethane	0.6		10 U	10 U	1 U	1 U	0.2 J	0.5 U
1,2-Dichloroethene (Total)	5		10 U	10 U	**[69]**	**[141]**	---	---
1,2-Dichloropropane	1		10 U	10 U	1 U	1 U	0.5 U	0.5 U
2-Hexanone	50		10 UJ	10 U	2 U	2 U	5 U	5 U
4-Methyl-2-pentanone	NS		10 U	10 U	2 U	2 U	5 U	5 U
Acetone	50		17	10 UJ	2 U	2 U	10 U	10 J
Benzene	1		**[1]**	10 U	1 U	1 U	0.5 U	0.5 U
Bromodichloromethane	50		10 U	10 U	1 U	1 U	0.5 U	0.5 U
Bromoform	50		10 U	10 U	1 U	1 U	0.5 U	0.5 U
Bromomethane	5		10 U	10 U	2 U	2 U	1 U	1 UJ
Carbon disulfide	60		10 U	10 U	1 U	1 U	0.5 U	0.5 UJ
Carbon tetrachloride	5		10 U	10 U	1 U	1 U	0.5 U	0.5 UJ
Chlorobenzene	5		10 U	10 U	1 U	1 U	0.5 U	0.5 U
Chloroethane	5		10 U	10 U	1 U	1 U	0.2 J	1 UJ
Chloroform	7		10 UJ	10 U	1 U	1 U	0.5 U	0.5 U
cis-1,2-Dichloroethene	5		---	---	---	---	**[190]**	**[220] E**
cis-1,3-Dichloropropene	0.4		10 U	10 U	1 U	1 U	0.5 U	0.5 U
Dibromochloromethane	50		10 U	10 U	1 U	1 U	0.5 U	0.5 U
Ethylbenzene	5		0.7	10 U	1 U	1 U	0.5 U	0.5 U
Methyl chloride	5		10 UJ	10 U	1 U	1 U	0.3 J	1 U
Methyl ethyl ketone	50		10 UJ	10 U	4 U	4 U	10 U	10 U
Methylene chloride	5		10 UJ	10 U	1 U	1 U	2 J	2 U
Styrene	5		10 U	10 U	1 U	1 U	0.5 U	0.5 U
Tetrachloroethene	5		10 U	10 U	1 U	1 U	0.5 U	0.5 U
Toluene	5		2	10 U	1 U	1 U	0.5 U	0.5 U
trans-1,2-Dichloroethene	5		---	---	---	---	**[18]**	3
trans-1,3-Dichloropropene	0.4		10 U	10 U	1 U	1 U	0.5 U	0.5 U
Trichloroethene	5		10 U	10 U	1 U	1 U	2	0.8
Vinyl chloride	2		10 U	10 U	**[26]**	**[52]**	**[79]**	**[100] E**
Xylenes, Total	5		3	10 U	1 U	1 U	0.5 U	0.5 U

NOTES:
U - not detected, J - estimated, D - Diluted Result, H - Holding time exceeded, R - unusable, NS - no standard, Dup - duplicate sample,
--- Not analyzed, F - MS and/or MSD recovery/RPD exceeds the control limits
[ ] - Exceeds NYS Class GA Ground Water Qaulity Standard
Trip Blank associated with samples collected on 10/29/07 contained Acetone and Methylene Chloride.
Data have not been validated

Table 4
Groundwater Data - VOCs
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW Stds (ug/l)	Location ID	MW-07D	MW-07D	MW-07D	MW-07D	MW-07D	MW-07D
		Depth Interval	-	-	-	-	-	-
		Sample Date	11/28/2001	2/25/2002	5/16/2002	7/29/2003	2/3/2004	5/17/2004
		Sample ID	MW-07D_WG_112801	MW-07D_WG_022502	MW-07D_WG_051602	MW-07D_WG_072903	MW-07D_WG_020304	MW-07D_WG_051704
			ug/l	ug/l	ug/l	ug/l	ug/l	ug/l
1,1,1-Trichloroethane	5		**[35]**	**[33]**	**[31]**	1	0.8	0.6
1,1,2,2-Tetrachloroethane	5		5 UJ	1 U	5 U	0.5 U	0.5 U	0.5 U
1,1,2-Trichloroethane	1		5 U	1 U	5 U	0.5 U	0.5 U	0.5 U
1,1-Dichloroethane	5		**[33]**	**[31]**	**[29]**	**[7]**	**[6]**	4
1,1-Dichloroethene	5		3 J	2	3 J	0.5 J	0.4 J	0.3 J
1,2-Dichloroethane	0.6		5 U	1 U	5 U	0.5 U	0.5 U	0.5 U
1,2-Dichloroethene (Total)	5		---	---	---	---	---	---
1,2-Dichloropropane	1		5 U	1 U	5 U	0.5 U	0.5 U	0.5 U
2-Hexanone	50		50 U	10 U	50 U	5 U	5 U	5 U
4-Methyl-2-pentanone	NS		50 U	10 U	50 U	5 U	5 U	5 U
Acetone	50		100 U	20 U	100 UJ	10 U	10 U	10 U
Benzene	1		5 U	1 U	5 U	0.5 U	0.5 U	0.5 U
Bromodichloromethane	50		5 U	1 U	5 U	0.5 U	0.5 U	0.5 U
Bromoform	50		5 U	1 U	5 U	0.5 U	0.5 U	0.5 U
Bromomethane	5		10 U	2 U	10 UJ	1 U	1 U	1 U
Carbon disulfide	60		5 U	1 U	5 U	0.5 U	0.5 U	0.5 U
Carbon tetrachloride	5		5 U	1 U	5 U	0.5 U	0.5 U	0.5 U
Chlorobenzene	5		5 U	1 U	5 U	0.5 U	0.5 U	0.5 U
Chloroethane	5		10 U	2 U	10 U	1 U	1 U	1 U
Chloroform	7		5 U	1 U	5 U	0.5 U	0.5 U	0.5 U
cis-1,2-Dichloroethene	5		**[240]**	**[210] D**	**[220]**	**[38]**	**[33]**	**[23]**
cis-1,3-Dichloropropene	0.4		5 U	1 U	5 U	0.5 U	0.5 U	0.5 U
Dibromochloromethane	50		5 U	1 U	5 U	0.5 U	0.5 U	0.5 U
Ethylbenzene	5		5 U	1 U	5 U	0.5 U	0.5 U	0.5 U
Methyl chloride	5		10 U	2 U	10 U	1 U	1 U	1 U
Methyl ethyl ketone	50		100 U	20 U	100 U	10 U	10 U	10 U
Methylene chloride	5		20 U	0.2 J	20 U	2 U	2 U	2 U
Styrene	5		5 U	1 UJ	5 U	0.5 U	0.5 U	0.5 U
Tetrachloroethene	5		5 U	1 U	5 U	0.5 U	0.5 U	0.5 U
Toluene	5		5 U	1 U	5 U	0.5 U	0.5 U	0.5 U
trans-1,2-Dichloroethene	5		4 J	3	3 J	0.4 J	0.4 J	0.2 J
trans-1,3-Dichloropropene	0.4		5 U	1 U	5 U	0.5 U	0.5 U	0.5 U
Trichloroethene	5		5 U	0.8 J	5 U	0.5 U	0.1 J	0.1 J
Vinyl chloride	2		**[160]**	**[120] E**	**[130]**	**[35]**	**[32]**	**[24]**
Xylenes, Total	5		5 U	1 U	5 U	0.5 U	0.5 U	0.5 U

NOTES:
U - not detected, J - estimated, D - Diluted Result, H - Holding time exceeded, R - unusable, NS - no standard, Dup - duplicate sample,
--- Not analyzed, F - MS and/or MSD recovery/RPD exceeds the control limits
[ ] - Exceeds NYS Class GA Ground Water Qaulity Standard
Trip Blank associated with samples collected on 10/29/07 contained Acetone and Methylene Chloride.
Data have not been validated

RAMBOLL

Table 4
Groundwater Data - VOCs
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW Stds (ug/l)	Location ID	MW-07D	MW-07D	MW-07D	MW-07D	MW-07D	MW-07D
		Depth Interval	-	-	-	-	-	-
		Sample Date	8/4/2004	11/15/2004	2/14/2005	4/18/2005	9/8/2005	11/16/2005
		Sample ID	MW-07D_WG_080404	MW-07D_WG_111504	MW-07D_WG_021405	MW-07D_WG_041805	MW-7D_09082005	MW-7D_11162005
			ug/l	ug/l	ug/l	ug/l	ug/l	ug/l
1,1,1-Trichloroethane	5		0.3 J	0.5	0.2 J	0.4 J	0.29 J	0.17 J
1,1,2,2-Tetrachloroethane	5		0.5 U	0.5 U	0.5 U	0.5 U	0.50 U	0.50 U
1,1,2-Trichloroethane	1		0.5 U	0.5 U	0.5 U	0.5 U	0.50 U	0.50 U
1,1-Dichloroethane	5		0.7	4	0.9	3	2.42	0.41 J
1,1-Dichloroethene	5		0.5 U	0.3 J	0.5 U	0.2 J	0.17 J	0.50 U
1,2-Dichloroethane	0.6		0.5 U	0.5 U	0.5 U	0.5 U	0.50 U	0.50 U
1,2-Dichloroethene (Total)	5		---	---	---	---	---	---
1,2-Dichloropropane	1		0.5 U	0.5 U	0.5 U	0.5 U	0.50 U	0.50 U
2-Hexanone	50		5 U	5 U	5 U	5 U	5.00 U	5.00 U
4-Methyl-2-pentanone	NS		5 U	5 U	5 U	5 U	5.00 U	5.00 U
Acetone	50		10 U	10 U	10 U	10 U	1.71 J	10.0 U
Benzene	1		0.5 U	0.5 U	0.5 U	0.5 U	0.50 U	0.50 U
Bromodichloromethane	50		0.5 U	0.5 U	0.5 U	0.5 U	0.50 U	0.50 U
Bromoform	50		0.5 U	0.5 U	0.5 U	0.5 U	0.50 U	0.50 U
Bromomethane	5		1 U	1 U	1 U	1 U	1.00 U	1.00 U
Carbon disulfide	60		0.5 U	0.5 U	0.5 U	0.5 U	0.50 U	0.50 U
Carbon tetrachloride	5		0.5 U	0.5 U	0.5 U	0.5 U	0.50 U	0.50 U
Chlorobenzene	5		0.5 U	0.5 U	0.5 U	0.5 U	0.50 U	0.50 U
Chloroethane	5		1 U	1 U	1 U	1 U	1.00 U	1.00 U
Chloroform	7		0.5 U	0.5 U	0.5 U	0.5 U	0.50 U	0.50 U
cis-1,2-Dichloroethene	5		**[5]**	**[23]**	**[5]**	**[15]**	**[13.1]**	2.58
cis-1,3-Dichloropropene	0.4		0.5 U	0.5 U	0.5 U	0.5 U	0.50 U	0.50 U
Dibromochloromethane	50		0.5 U	0.5 U	0.5 U	0.5 U	0.50 U	0.50 U
Ethylbenzene	5		0.5 U	0.5 U	0.5 U	0.5 U	0.50 U	0.50 U
Methyl chloride	5		1 U	1 U	1 U	1 U	1.00 U	1.00 U
Methyl ethyl ketone	50		10 U	10 U	10 U	10 U	10.0 U	10.0 U
Methylene chloride	5		2 U	2 U	2 U	2 U	2.00 U	2.00 U
Styrene	5		0.5 U	0.5 U	0.5 U	0.5 U	0.50 U	0.50 U
Tetrachloroethene	5		0.1 J	0.5 U	0.5 U	0.5 U	0.50 U	0.12 J
Toluene	5		0.5 U	0.5 U	0.5 U	0.5 U	0.50 U	0.50 U
trans-1,2-Dichloroethene	5		0.1 J	0.2 J	0.5 U	0.1 J	0.11 J	0.50 U
trans-1,3-Dichloropropene	0.4		0.5 U	0.5 U	0.5 U	0.5 U	0.50 U	0.50 U
Trichloroethene	5		0.2 J	0.1 J	0.2 J	0.1 J	0.15 J	0.37 J
Vinyl chloride	2		**[2]**	**[22]**	**[3]**	**[17]**	**[13.9]**	0.73 J
Xylenes, Total	5		0.5 U	0.5 U	0.5 U	0.5 U	1.00 U	1.00 U

NOTES:
U - not detected, J - estimated, D - Diluted Result, H - Holding time exceeded, R - unusable, NS - no standard, Dup - duplicate sample,
--- Not analyzed, F - MS and/or MSD recovery/RPD exceeds the control limits
[ ] - Exceeds NYS Class GA Ground Water Qaulity Standard
Trip Blank associated with samples collected on 10/29/07 contained Acetone and Methylene Chloride.
Data have not been validated

RAMBOLL

Table 4
Groundwater Data - VOCs
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW Stds (ug/l)	Location ID / Depth Interval / Sample Date / Sample ID	MW-07D - 4/26/2006 MW-7D_04262006 ug/l	MW-07D - 11/15/2006 MW-7D_11152006 ug/l	MW-07D - 5/2/2007 MW-7D_050207 ug/l	MW-07D - 10/31/2007 MW 7-D-103107 ug/l	MW-07D - 5/21/2008 MW 7-D-052108 ug/l	MW-07D - 11/20/2008 MW 7-D-112008 ug/l
1,1,1-Trichloroethane	5		0.50 U	0.18 J	0.13 J	0.5 HU	0.5 U	0.5 U
1,1,2,2-Tetrachloroethane	5		0.50 U	0.50 U	0.5 U	0.5 HU	0.5 U	0.5 U
1,1,2-Trichloroethane	1		0.50 U	0.50 U	0.5 U	0.5 HU	0.5 U	0.5 U
1,1-Dichloroethane	5		0.27 J	1.75	1.6	1.03 H	0.52	0.41 J
1,1-Dichloroethene	5		0.50 U	0.13 J	0.13 J	0.5 HU	0.5 U	0.5 U
1,2-Dichloroethane	0.6		0.50 U	0.50 U	0.5 U	0.5 HU	0.5 U	0.5 U
1,2-Dichloroethene (Total)	5		---	---	---	---	---	---
1,2-Dichloropropane	1		0.50 U	0.50 U	0.5 U	0.5 HU	0.5 U	0.5 U
2-Hexanone	50		5.00 U	5 U	5 U	5 HU	5 U	5 U
4-Methyl-2-pentanone	NS		5.00 U	5 U	5 U	5 HU	5 U	5 U
Acetone	50		10.0 U	10 U	10 U	10 HU	10 U	10 U
Benzene	1		0.50 U	0.50 U	0.5 U	0.5 HU	0.5 U	0.5 U
Bromodichloromethane	50		0.50 U	0.50 U	0.5 U	0.5 HU	0.5 U	0.5 U
Bromoform	50		0.50 U	0.50 U	0.5 U	0.5 HU	1 U	1 U
Bromomethane	5		1.00 U	1 U	1 U	1 HU	1 U	1 U
Carbon disulfide	60		0.50 U	0.50 U	0.5 U	0.5 HU	0.5 U	0.5 U
Carbon tetrachloride	5		0.50 U	0.50 U	0.5 U	0.5 HU	0.5 U	0.5 U
Chlorobenzene	5		0.50 U	0.50 U	0.5 U	0.5 HU	0.5 U	0.5 U
Chloroethane	5		1.00 U	1 U	1 U	1 HU	1 U	1 U
Chloroform	7		0.50 U	0.50 U	0.5 U	0.5 HU	0.5 U	0.5 U
cis-1,2-Dichloroethene	5		1.75	**[9.52]**	**[8.99]**	**[6.48] H**	2.86	2.33
cis-1,3-Dichloropropene	0.4		0.50 U	0.50 U	0.5 U	0.5 HU	0.5 U	0.5 U
Dibromochloromethane	50		0.50 U	0.50 U	0.5 U	0.5 HU	0.5 U	0.5 U
Ethylbenzene	5		0.50 U	0.50 U	0.5 U	0.5 HU	0.5 U	0.5 U
Methyl chloride	5		1.00 U	1 U	1 U	1 HU	1 U	1 U
Methyl ethyl ketone	50		10.0 U	10 U	10 U	10 HU	10 U	10 U
Methylene chloride	5		2.00 U	2 U	2 U	2 HU	2 U	2 U
Styrene	5		0.50 U	0.50 U	0.5 U	0.5 HU	0.5 U	0.5 U
Tetrachloroethene	5		0.50 U	0.50 U	0.5 U	0.5 HU	0.12 J	0.3 J
Toluene	5		0.50 U	0.50 U	0.5 U	0.5 HU	0.5 U	0.5 U
trans-1,2-Dichloroethene	5		0.50 U	0.50 U	0.5 U	0.5 HU	0.5 U	0.5 U
trans-1,3-Dichloropropene	0.4		0.50 U	0.50 U	0.5 U	0.5 HU	0.5 U	0.5 U
Trichloroethene	5		0.38 J	0.30 J	0.19 J	0.21 JH	0.51	0.88
Vinyl chloride	2		0.66 J	**[10.7]**	**[12]**	**[9.18] H**	**[2.03]**	1.08
Xylenes, Total	5		1.00 U	1 U	1 U	1 HU	1 U	1 U

NOTES:
U - not detected, J - estimated, D - Diluted Result, H - Holding time exceeded, R - unusable, NS - no standard, Dup - duplicate sample,
--- Not analyzed, F - MS and/or MSD recovery/RPD exceeds the control limits
[ ] - Exceeds NYS Class GA Ground Water Qaulity Standard
Trip Blank associated with samples collected on 10/29/07 contained Acetone and Methylene Chloride.
Data have not been validated

RAMBOLL

Table 4
Groundwater Data - VOCs
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW Stds (ug/l)	Location ID	MW-07D	MW-07D	MW-07D	MW-07D	MW-07D	MW-07D
		Depth Interval	-	-	-	-	-	
		Sample Date	10/20/2009	05/17/2010	1/18/2011	4/19/2011	7/27/2011	10/25/2011
		Sample ID	MW-7D-10202009	W-7D-051710051720:	MW 7-D-01182011	MW-7D-041911	MW-7D072711	MW7D102511
			ug/l	ug/l	ug/l	ug/l	ug/l	ug/l
1,1,1-Trichloroethane	5		1 U	1 U	1 U	1 U	1 U	1 U
1,1,2,2-Tetrachloroethane	5		1 U	1 U	1 U	1 U	1 U	1 U
1,1,2-Trichloroethane	1		1 U	1 U	1 U	1 U	1 U	1 U
1,1-Dichloroethane	5		1 U	1 U	0.74 J	1 U	0.65 J	1 U
1,1-Dichloroethene	5		1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichloroethane	0.6		1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichloroethene (Total)	5		---	---	---	---	---	---
1,2-Dichloropropane	1		1 U	1 U	1 U	1 U	1 U	1 U
2-Hexanone	50		5 U	5 U	5 U	5 U	5 U	5 U
4-Methyl-2-pentanone	NS		5 U	5 U	5 U	5 U	5 U	5 U
Acetone	50		5 U	5 U	10 U	10 U	10 U	10 U
Benzene	1		1 U	1 U	1 U	1 U	1 U	1 U
Bromodichloromethane	50		1 U	1 U	1 U	1 U	1 U	1 U
Bromoform	50		1 U	1 U	1 U	1 U	1 U	1 U
Bromomethane	5		1 U	1 U	1 U	1 U	1 U	1 U
Carbon disulfide	60		1 U	1 U	1 U	1 U	1 U	1 U
Carbon tetrachloride	5		1 U	1 U	1 U	1 U	1 U	1 U
Chlorobenzene	5		1 U	1 U	1 U	1 U	1 U	1 U
Chloroethane	5		1 U	1 U	1 U	1 U	1 U	1 U
Chloroform	7		1 U	1 U	1 U	1 U	1 U	1 U
cis-1,2-Dichloroethene	5		2.3	2.1	3.9	0.92 J	4.2	1 U
cis-1,3-Dichloropropene	0.4		1 U	1 U	1 U	1 U	1 U	1 U
Dibromochloromethane	50		1 U	1 U	1 U	1 U	1 U	1 U
Ethylbenzene	5		1 U	1 U	1 U	1 U	1 U	1 U
Methyl chloride	5		---	1 U	1 U	1 U	1 U	1 U
Methyl ethyl ketone	50		---	5 U	10 U	10 U	10 U	10 U
Methylene chloride	5		1 U	1 U	1 U	1 U	1 U	1 U
Styrene	5		1 U	1 U	1 U	1 U	1 U	1 U
Tetrachloroethene	5		1 U	1 U	1 U	1 U	1 U	1 U
Toluene	5		1 U	1 U	1 U	1 U	1 U	1 U
trans-1,2-Dichloroethene	5		1 U	1 U	1 U	1 U	1 U	1 U
trans-1,3-Dichloropropene	0.4		1 U	1 U	1 U	1 U	1 U	1 U
Trichloroethene	5		0.82 J	0.67 J	1 U	0.48 J	1 U	0.69 J
Vinyl chloride	2		1.3	1.6	**[4.6]**	1 U	**[7.8]**	1 U
Xylenes, Total	5		2 U	2 U	2 U	2 U	2 U	2 U

NOTES:
U - not detected, J - estimated, D - Diluted Result, H - Holding time exceeded, R - unusable, NS - no standard, Dup - duplicate sample,
--- Not analyzed, F - MS and/or MSD recovery/RPD exceeds the control limits
[ ] - Exceeds NYS Class GA Ground Water Qaulity Standard
Trip Blank associated with samples collected on 10/29/07 contained Acetone and Methylene Chloride.
Data have not been validated

RAMBOLL

Table 4
Groundwater Data - VOCs
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW Stds (ug/l)	Location ID	MW-07D	MW-07D	MW-7D	MW-7D	MW-7D	MW-7D
		Depth Interval		-		-	-	-
		Sample Date	10/25/2011	3/21/2012	8/8/2012	12/18/2012	5/23/2013	8/20/2013
		Sample ID	X-1	MW7D032112	MW7D080812	MW-7D-121812	MW-7D-052313	MW-7D-082013
			ug/l	ug/l	ug/l	ug/l	ug/l	ug/l
1,1,1-Trichloroethane	5		1 U	1 U	1 U	1 U	1 U	1 U
1,1,2,2-Tetrachloroethane	5		1 U	1 U	1 U	1 U	1 U	1 U
1,1,2-Trichloroethane	1		1 U	1 U	1 U	1 U	1 U	1 U
1,1-Dichloroethane	5		1 U	0.4 J	1 U	1 U	1 U	1 U
1,1-Dichloroethene	5		1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichloroethane	0.6		1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichloroethene (Total)	5		---	---	---	---	---	---
1,2-Dichloropropane	1		1 U	1 U	1 U	1 U	1 U	1 U
2-Hexanone	50		5 U	5 U	5 U	5 U	5 U	5 U
4-Methyl-2-pentanone	NS		5 U	5 U	5 U	5 U	5 U	5 U
Acetone	50		10 U	10 U	10 U	10 U	10 U	10 U
Benzene	1		1 U	1 U	1 U	1 U	1 U	1 U
Bromodichloromethane	50		1 U	1 U	1 U	1 U	1 U	1 U
Bromoform	50		1 U	1 U	1 U	1 U	1 U	1 U
Bromomethane	5		1 U	1 U	1 U	1 U	1 U	1 U
Carbon disulfide	60		1 U	1 U	1 U	1 U	1 U	1 U
Carbon tetrachloride	5		1 U	1 U	1 U	1 U	1 U	1 U
Chlorobenzene	5		1 U	1 U	1 U	1 U	1 U	1 U
Chloroethane	5		1 U	1 U	1 U	1 U	1 U	1 U
Chloroform	7		1 U	1 U	1 U	1 U	1 U	1 U
cis-1,2-Dichloroethene	5		2	2.4	0.86 J	1 U	1.5	1 U
cis-1,3-Dichloropropene	0.4		1 U	1 U	1 U	1 U	1 U	1 U
Dibromochloromethane	50		1 U	1 U	1 U	1 U	1 U	1 U
Ethylbenzene	5		1 U	1 U	1 U	1 U	1 U	1 U
Methyl chloride	5		1 U	1 U	1 U	1 U	1 U	1 U
Methyl ethyl ketone	50		10 U	10 U	10 U	10 U	10 U	10 U
Methylene chloride	5		1 U	1 U	1 U	1 U	1 U	1 U
Styrene	5		1 U	1 U	1 U	1 U	1 U	1 U
Tetrachloroethene	5		1.1	1 U	1 U	0.39 J	1 U	1 U
Toluene	5		1 U	1 U	1 U	1 U	1 U	1 U
trans-1,2-Dichloroethene	5		1 U	1 U	1 U	1 U	1 U	1 U
trans-1,3-Dichloropropene	0.4		1 U	1 U	1 U	1 U	1 U	1 U
Trichloroethene	5		4.1	0.55 J	0.82 J	1.2	0.49 J	1.1
Vinyl chloride	2		1 U	2.1	1 U	1 U	1 U	1 U
Xylenes, Total	5		2 U	2 U	2 U	2 U	2 U	2 U

NOTES:
U - not detected, J - estimated, D - Diluted Result, H - Holding time exceeded, R - unusable, NS - no standard, Dup - duplicate sample,
--- Not analyzed, F - MS and/or MSD recovery/RPD exceeds the control limits
[ ] - Exceeds NYS Class GA Ground Water Qaulity Standard
Trip Blank associated with samples collected on 10/29/07 contained Acetone and Methylene Chloride.
Data have not been validated

RAMBOLL

Table 4
Groundwater Data - VOCs
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW Stds (ug/l)	Location ID	MW-7D	MW-7D	MW-7D	MW-7D	MW-7D	MW-7D
		Depth Interval	-	-	-	-	-	-
		Sample Date	12/17/2013	3/26/2014	6/11/2014	9/24/2014	12/10/2014	3/18/2015
		Sample ID	MW-7D-121713	MW-7D-032614	MW-7D-061114	MW7D092414	MW 7D 121014	MW7D031815
			ug/l	ug/l	ug/l	ug/l	ug/l	ug/l
1,1,1-Trichloroethane	5		1 U	1 U	1 U	1 U	1 U	1 U
1,1,2,2-Tetrachloroethane	5		1 U	1 U	1 U	1 U	1 U	1 U
1,1,2-Trichloroethane	1		1 U	1 U	1 U	1 U	1 U	1 U
1,1-Dichloroethane	5		1 U	1 U	1 U	1 U	1 U	1 U
1,1-Dichloroethene	5		1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichloroethane	0.6		1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichloroethene (Total)	5		---	---	---	---	---	---
1,2-Dichloropropane	1		1 U	1 U	1 U	1 U	1 U	1 U
2-Hexanone	50		5 U	5 U	5 U	5 U	5 U	5 U
4-Methyl-2-pentanone	NS		5 U	5 U	5 U	5 U	5 U	5 U
Acetone	50		10 U	10 U	10 U	10 U	10 U	10 U
Benzene	1		1 U	1 U	1 U	1 U	1 U	1 U
Bromodichloromethane	50		1 U	1 U	1 U	1 U	1 U	1 U
Bromoform	50		1 U	1 U	1 U	1 U	1 U	1 U
Bromomethane	5		1 U	1 U	1 U	1 U	1 U	1 U
Carbon disulfide	60		1 U	1 U	1 U	1 U	1 U	1 U
Carbon tetrachloride	5		1 U	1 U	1 U	1 U	1 U	1 U
Chlorobenzene	5		1 U	1 U	1 U	1 U	1 U	1 U
Chloroethane	5		1 U	1 U	1 U	1 U	1 U	1 U
Chloroform	7		1 U	1 U	1 U	1 U	1 U	1 U
cis-1,2-Dichloroethene	5		1 U	1 U	1 U	1.4	1	1 U
cis-1,3-Dichloropropene	0.4		1 U	1 U	1 U	1 U	1 U	1 U
Dibromochloromethane	50		1 U	1 U	1 U	1 U	1 U	1 U
Ethylbenzene	5		1 U	1 U	1 U	1 U	1 U	1 U
Methyl chloride	5		1 U	1 U	1 U	1 U	1 U	1 U
Methyl ethyl ketone	50		10 U	10 U	10 U	10 U	10 U	10 U
Methylene chloride	5		1 U	1 U	1 U	1 U	1 U	1 U
Styrene	5		1 U	1 U	1 U	1 U	1 U	1 U
Tetrachloroethene	5		1 U	1 U	0.36 J	1 U	1 U	1 U
Toluene	5		1 U	1 U	1 U	1 U	1 U	1 U
trans-1,2-Dichloroethene	5		1 U	1 U	1 U	1 U	1 U	1 U
trans-1,3-Dichloropropene	0.4		1 U	1 U	1 U	1 U	1 U	1 U
Trichloroethene	5		1	1 U	1.2	0.46 J	0.59 J	1 U
Vinyl chloride	2		1 U	1 U	1 U	1 U	1 U	1 U
Xylenes, Total	5		2 U	2 U	2 U	2 U	2 U	2 U

NOTES:
U - not detected, J - estimated, D - Diluted Result, H - Holding time exceeded, R - unusable, NS - no standard, Dup - duplicate sample,
--- Not analyzed, F - MS and/or MSD recovery/RPD exceeds the control limits
[ ] - Exceeds NYS Class GA Ground Water Qaulity Standard
Trip Blank associated with samples collected on 10/29/07 contained Acetone and Methylene Chloride.
Data have not been validated

RAMBOLL

Table 4
Groundwater Data - VOCs
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW Stds (ug/l)	Location ID Depth Interval Sample Date Sample ID	MW-7D - 6/24/2015 MW7D062415 ug/l	MW-7D - 9/23/2015 MW7D 092315 ug/l	MW-7D - 1/13/2016 MW7D 011316 ug/l	MW-7D - 3/29/2016 MW7D 032916 ug/l	MW-7D - 6/22/2016 MW7D 062216 ug/l	MW-7D - 9/21/2016 MW7D 092116 ug/l
1,1,1-Trichloroethane	5		1 U	1 U	1 U	1 U	1 U	1 U
1,1,2,2-Tetrachloroethane	5		1 U	1 U	1 U	1 U	1 U	1 U
1,1,2-Trichloroethane	1		1 U	1 U	1 U	1 U	1 U	1 U
1,1-Dichloroethane	5		1 U	1 U	1 U	1 U	1 U	0.89 J
1,1-Dichloroethene	5		1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichloroethane	0.6		1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichloroethene (Total)	5		---	---	---	----	---	---
1,2-Dichloropropane	1		1 U	1 U	1 U	1 U	1 U	1 U
2-Hexanone	50		5 U	5 U	5 U	5 U	5 U	5 U
4-Methyl-2-pentanone	NS		5 U	5 U	5 U	5 U	5 U	5 U
Acetone	50		10 U	10 U	10 U *	10 U	10 U	10 U
Benzene	1		1 U	1 U	1 U	1 U	1 U	1 U
Bromodichloromethane	50		1 U	1 U	1 U	1 U	1 U	1 U
Bromoform	50		1 U	1 U	1 U	1 U	1 U	1 U
Bromomethane	5		1 U	1 U	1 U	1 U	1 U	1 U
Carbon disulfide	60		1 U	1 U	1 U	1 U	1 U	1 U
Carbon tetrachloride	5		1 U	1 U	1 U	1 U*	1 U	1 U
Chlorobenzene	5		1 U	1 U	1 U	1 U	1 U	1 U
Chloroethane	5		1 U	1 U	1 U	1 U	1 U	1 U
Chloroform	7		1 U	1 U	1 U	1 U	1 U	1 U
cis-1,2-Dichloroethene	5		1 U	1	1 U	1 U	1.1	1 U
cis-1,3-Dichloropropene	0.4		1 U	1 U	1 U	1 U	1 U	1 U
Dibromochloromethane	50		1 U	1 U	1 U	1 U	1 U	1 U
Ethylbenzene	5		1 U	1 U	1 U	1 U	1 U	1 U
Methyl chloride	5		1 U	1 U	1 U	1 U	1 U	1 U
Methyl ethyl ketone	50		10 U	10 U	10 U	10 U	10 U	10 U
Methylene chloride	5		1 U	1 U	1 U	1 U	1 U	1 U
Styrene	5		1 U	1 U	1 U	1 U	1 U	1 U
Tetrachloroethene	5		1 U	1 U	1 U	1 U	1 U	1 U
Toluene	5		1 U	1 U	1 U	1 U	1 U	1 U
trans-1,2-Dichloroethene	5		1 U	1 U	1 U	1 U	1 U	1 U
trans-1,3-Dichloropropene	0.4		1 U	1 U	1 U	1 U*	1 U	1 U
Trichloroethene	5		0.71 J	0.63 J	0.85 J	0.58 J	0.53 J	1 U
Vinyl chloride	2		1 U	1 U	1 U	1 U	1 U	1 U
Xylenes, Total	5		2 U	2 U	2 U	2 U	2 U	2 U

NOTES:
U - not detected, J - estimated, D - Diluted Result, H - Holding time exceeded, R - unusable, NS - no standard, Dup - duplicate sample,
--- Not analyzed, F - MS and/or MSD recovery/RPD exceeds the control limits
[ ] - Exceeds NYS Class GA Ground Water Qaulity Standard
Trip Blank associated with samples collected on 10/29/07 contained Acetone and Methylene Chloride.
Data have not been validated

Table 4
Groundwater Data - VOCs
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW Stds (ug/l)	Location ID / Depth Interval / Sample Date / Sample ID	MW-7D - 12/21/2016 MW7D 122116 ug/l	MW-7D - 4/12/2017 MW7D 041217 ug/l	MW-7D - 6/28/2017 MW7D 062817 ug/l	MW-7D - 9/13/2017 MW7D 091317 ug/l	MW-7D - 12/20/2017 MW7D 122017 ug/l	MW-07D - 3/14/2018 MW 7D 031418 ug/l
1,1,1-Trichloroethane	5		1 U	1 U	1 U	1 U	1.0 U	1.0 U
1,1,2,2-Tetrachloroethane	5		1 U	1 U	1 U	1 U	1.0 U	1.0 U
1,1,2-Trichloroethane	1		1 U	1 U	1 U	1 U	1.0 U	1.0 U
1,1-Dichloroethane	5		1 U	1 U	1 U	1 U	1.0 U	1.0 U
1,1-Dichloroethene	5		1 U	1 U	1 U	1 U	1.0 U	1.0 U
1,2-Dichloroethane	0.6		1 U	1 U	1 U	1 U	1.0 U	1.0 U
1,2-Dichloroethene (Total)	5		---	---	---	---	---	---
1,2-Dichloropropane	1		1 U	1 U	1 U	1 U	1.0 U	1.0 U
2-Hexanone	50		5 U	5 U	5 U	5 U	5.0 U	5.0 U
4-Methyl-2-pentanone	NS		5 U	5 U	5 U	5 U	5.0 U	5.0 U
Acetone	50		10 U	10 U	10 U	10 U	10 U	10 U
Benzene	1		1 U	1 U	1 U	1 U	1.0 U	1.0 U
Bromodichloromethane	50		1 U	1 U	1 U	1 U	1.0 U	1.0 U
Bromoform	50		1 U	1 U	1 U	1 U	1.0 U	1.0 U
Bromomethane	5		1 U	1 U	1 U	1 U	1.0 U	1.0 U
Carbon disulfide	60		1 U	1 U	1 U	1 U	1.0 U	1.0 U
Carbon tetrachloride	5		1 U	1 U	1 U	1 U	1.0 U	1.0 U
Chlorobenzene	5		1 U	1 U	1 U	1 U	1.0 U	1.0 U
Chloroethane	5		1 U	1 U	1 U	1 U	1.0 U	1.0 U
Chloroform	7		1 U	1 U	1 U	1 U	1.0 U	1.0 U
cis-1,2-Dichloroethene	5		1 U	1 U	1 U	1 U	1.0 U	1.0 U
cis-1,3-Dichloropropene	0.4		1 U	1 U	1 U	1 U	1.0 U	1.0 U
Dibromochloromethane	50		1 U	1 U	1 U	1 U	1.0 U	1.0 U
Ethylbenzene	5		1 U	1 U	1 U	1 U	1.0 U	1.0 U
Methyl chloride	5		1 U	1 U	1 U	1 U	1.0 U	1.0 U
Methyl ethyl ketone	50		10 U *	10 U	10 U	10 U	10 U	10 U
Methylene chloride	5		1 U	1 U	1 U	1 U	1.0 U	1.0 U
Styrene	5		1 U	1 U	1 U	1 U	1.0 U	1.0 U
Tetrachloroethene	5		1 U	1 U	1 U	0.61 J	0.36 J	0.36 J
Toluene	5		1 U	1 U	1 U	1 U	1.0 U	1.0 U
trans-1,2-Dichloroethene	5		1 U	1 U	1 U	1 U	1.0 U	1.0 U
trans-1,3-Dichloropropene	0.4		1 U	1 U	1 U	1 U	1.0 U	1.0 U
Trichloroethene	5		1.1	1.1	0.99 J	1.6	1.1	1.1
Vinyl chloride	2		1 U	1 U	1 U	1 U	1.0 U	1.0 U
Xylenes, Total	5		2 U	2 U	2 U	2 U	2.0 U	2.0 U

NOTES:
U - not detected, J - estimated, D - Diluted Result, H - Holding time exceeded, R - unusable, NS - no standard, Dup - duplicate sample,
--- Not analyzed, F - MS and/or MSD recovery/RPD exceeds the control limits
[ ] - Exceeds NYS Class GA Ground Water Qaulity Standard
Trip Blank associated with samples collected on 10/29/07 contained Acetone and Methylene Chloride.
Data have not been validated

RAMBOLL

Table 4
Groundwater Data - VOCs
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW Stds (ug/l)	Location ID / Depth Interval / Sample Date / Sample ID	MW-07D - 6/19/2018 MW 7D 061918 ug/l	X-1 - 6/19/2018 MW 7D 061918 ug/l	MW-07D - 9/18/2018 MW 7D 091818 ug/l	MW-07D - 11/28/2018 MW-7D-112818 ug/l	MW-07D - 3/19/2019 MW-7D-031919 ug/l	MW-07D - 6/20/2019 MW-7D-062019 ug/l
1,1,1-Trichloroethane	5		1.0 U	1.0 U	1.0 U	1 U	1 U	1 U
1,1,2,2-Tetrachloroethane	5		1.0 U	1.0 U	1.0 U	1 U	1 U	1 U
1,1,2-Trichloroethane	1		1.0 U	1.0 U	1.0 U	1 U	1 U	1 U
1,1-Dichloroethane	5		1.0 U	1.0 U	1.0 U	1 U	1 U	1 U
1,1-Dichloroethene	5		1.0 U	1.0 U	1.0 U	1 U	1 U	1 U
1,2-Dichloroethane	0.6		1.0 U	1.0 U	1.0 U	1 U	1 U	1 U
1,2-Dichloroethene (Total)	5		---	---	---	---	---	---
1,2-Dichloropropane	1		1.0 U	1.0 U	1.0 U	1 U	1 U	1 U
2-Hexanone	50		5.0 U	5.0 U	5.0 U	5 U *	5 U	5 U
4-Methyl-2-pentanone	NS		5.0 U	5.0 U	5.0 U	5 U	5 U	5 U
Acetone	50		10 U	10 U	10 U	10 U	10 U	10 U
Benzene	1		1.0 U	1.0 U	1.0 U	1 U	1 U	1 U
Bromodichloromethane	50		1.0 U	1.0 U	1.0 U	1 U	1 U	1 U
Bromoform	50		1.0 U	1.0 U	1.0 U	1 U	1 U	1 U
Bromomethane	5		1.0 U	1.0 U	1.0 U	1 U	1 U	1 U
Carbon disulfide	60		1.0 U	1.0 U	1.0 U	1 U	1 U	1 U
Carbon tetrachloride	5		1.0 U	1.0 U	1.0 U	1 U	1 U	1 U
Chlorobenzene	5		1.0 U	1.0 U	1.0 U	1 U	1 U	1 U
Chloroethane	5		1.0 U	1.0 U	1.0 U	1 U	1 U	1 U
Chloroform	7		1.0 U	1.0 U	1.0 U	1 U	1 U	1 U
cis-1,2-Dichloroethene	5		0.90 J	0.83 J	0.92 J	1 U	1 U	1 U
cis-1,3-Dichloropropene	0.4		1.0 U	1.0 U	1.0 U	1 U *	1 U	1 U
Dibromochloromethane	50		1.0 U	1.0 U	1.0 U	1 U	1 U	1 U
Ethylbenzene	5		1.0 U	1.0 U	1.0 U	1 U	1 U	1 U
Methyl chloride	5		1.0 U	1.0 U	1.0 U	1 U	1 U	1 U
Methyl ethyl ketone	50		10 U	10 U	10 U	10 U	10 U	10 U
Methylene chloride	5		1.0 U	1.0 U	1.0 U	1 U	1 U	1 U
Styrene	5		1.0 U	1.0 U	1.0 U	1 U	1 U	1 U
Tetrachloroethene	5		0.36 J	1.0 U	1.0 U	0.36 J	0.37 J	0.51 J*
Toluene	5		1.0 U	1.0 U	1.0 U	1 U	1 U	1 U
trans-1,2-Dichloroethene	5		1.0 U	1.0 U	1.0 U	1 U	1 U	1 U
trans-1,3-Dichloropropene	0.4		1.0 U	1.0 U	1.0 U	1 U *	1 U	1 U
Trichloroethene	5		0.80 J	0.89 J	0.98 J	0.94 J	1.1	1.6
Vinyl chloride	2		1.0 U	1.0 U	1.0 U	1 U	1 U	1 U
Xylenes, Total	5		2.0 U	2.0 U	2.0 U	2 U	2 U	2 U

NOTES:
U - not detected, J - estimated, D - Diluted Result, H - Holding time exceeded, R - unusable, NS - no standard, Dup - duplicate sample,
--- Not analyzed, F - MS and/or MSD recovery/RPD exceeds the control limits
[ ] - Exceeds NYS Class GA Ground Water Qaulity Standard
Trip Blank associated with samples collected on 10/29/07 contained Acetone and Methylene Chloride.
Data have not been validated

RAMBOLL

Table 4
Groundwater Data - VOCs
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW Stds (ug/l)	Location ID	MW-07D	MW-07D	MW-07D	MW-07D	MW-07D	MW-07D
		Depth Interval	-	-	-	--	--	--
		Sample Date	9/24/2019	12/18/2019	3/18/2020	6/17/2020	9/24/2020	12/15/2020
		Sample ID	MW-7D-092419	MW-7D-121819	MW 7D 031820	MW7D061720	MW7D092420	MW7D 121520
			ug/l	ug/l	ug/l	µg/L	µg/L	µg/L
1,1,1-Trichloroethane	5		1 U	1 U	1 U	1 U	1 U	1 U
1,1,2,2-Tetrachloroethane	5		1 U	1 U	1 U	1 U	1 U	1 U
1,1,2-Trichloroethane	1		1 U	1 U	1 U	1 U	1 U	1 U
1,1-Dichloroethane	5		1 U	1 U	1 U	1 U	1 U	1 U
1,1-Dichloroethene	5		1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichloroethane	0.6		1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichloroethene (Total)	5		---	---	---	---	---	---
1,2-Dichloropropane	1		1 U	1 U	1 U	1 U	1 U	1 U
2-Hexanone	50		5 U	5 U	5 U	5 U	5 U	5 U
4-Methyl-2-pentanone	NS		5 U	5 U	5 U	5 U	5 U	5 U
Acetone	50		10 U	10 U	10 U	10 U	10 U	10 U
Benzene	1		1 U	1 U	1 U	1 U	1 U	1 U
Bromodichloromethane	50		1 U	1 U	1 U	1 U	1 U	1 U
Bromoform	50		1 U	1 U	1 U	1 U	1 U	1 U
Bromomethane	5		1 U	1 U	1 U	1 U	1 U	1 U
Carbon disulfide	60		1 U	1 U	1 U	1 U	1 U	1 U
Carbon tetrachloride	5		1 U	1 U	1 U	1 U	1 U	1 U
Chlorobenzene	5		1 U	1 U	1 U	1 U	1 U	1 U
Chloroethane	5		1 U	1 U	1 U	1 U	1 U	1 U
Chloroform	7		1 U	1 U	1 U	1 U	1 U	1 U
cis-1,2-Dichloroethene	5		1 U	1 U	1 U	1 U	1.1	1 U
cis-1,3-Dichloropropene	0.4		1 U	1 U	1 U	1 U	1 U	1 U
Dibromochloromethane	50		1 U	1 U	1 U	1 U	1 U	1 U
Ethylbenzene	5		1 U	1 U	1 U	1 U	1 U	1 U
Methyl chloride	5		1 U	1 U	1 U	1 U	1 U	1 U
Methyl ethyl ketone	50		10 U	10 U	10 U	10 U	10 U	10 U
Methylene chloride	5		1 U	1 U	1 U	1 U	1 U	1 U
Styrene	5		1 U	1 U	1 U	1 U	1 U	1 U
Tetrachloroethene	5		ND	1 U	0.45 J	0.44 J	1 U	0.49 J
Toluene	5		1.0	1 U	1 U	1 U	1 U	1 U
trans-1,2-Dichloroethene	5		1 U	1 U	1 U	1 U	1 U	1 U
trans-1,3-Dichloropropene	0.4		1 U	1 U	1 U	1 U	1 U	1 U
Trichloroethene	5		0.72 J	0.9 J	1.6	1.1	0.78 J	1.4
Vinyl chloride	2		1 U	1 U	1 U	1 U	1 U	1 U
Xylenes, Total	5		2 U	2 U	2 U	2 U	2 U	2 U

NOTES:
U - not detected, J - estimated, D - Diluted Result, H - Holding time exceeded, R - unusable, NS - no standard, Dup - duplicate sample,
--- Not analyzed, F - MS and/or MSD recovery/RPD exceeds the control limits
[ ] - Exceeds NYS Class GA Ground Water Qaulity Standard
Trip Blank associated with samples collected on 10/29/07 contained Acetone and Methylene Chloride.
Data have not been validated

Table 4
Groundwater Data - VOCs
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW Stds (ug/l)	Location ID Depth Interval Sample Date Sample ID	MW-07D 3/25/2021 MW7D032521 µg/L	MW-07D -- 6/15/2021 MW7D 061521 µg/L	MW-07D - 9/22/2021 MW7D 092221 ug/l	MW-07D - 12/21/2021 MW7D 122121 ug/l	MW-07D - 3/23/2022 MW7D 032322 ug/l	MW-07D - 6/23/2022 MW-7D 062322 ug/l
1,1,1-Trichloroethane	5		1U	1 U	1 U	1.0 U	1.0 U	1.0 U
1,1,2,2-Tetrachloroethane	5		1U	1 U	1 U	1.0 U	1.0 U	1.0 U
1,1,2-Trichloroethane	1		1U	1 U	1 U	1.0 U	1.0 U	1.0 U
1,1-Dichloroethane	5		1U	1 U	1 U	1.0 U	1.0 U	1.0 U
1,1-Dichloroethene	5		1U	1 U	1 U	1.0 U	1.0 U	1.0 U
1,2-Dichloroethane	0.6		1U	1 U	1 U	1.0 U	1.0 U	1.0 U
1,2-Dichloroethene (Total)	5		---	---	---	---	---	---
1,2-Dichloropropane	1		1U	1 U	1 U	1.0 U	1.0 U	1.0 U
2-Hexanone	50		5U	5 U	5 U	5.0 U	5.0 U	5.0 U
4-Methyl-2-pentanone	NS		5U	5 U	5 U	5.0 U	5.0 U	5.0 U
Acetone	50		10U	10 U	10 U	10 U	10 U	10 U
Benzene	1		1U	1 U	1 U	1.0 U	1.0 U	1.0 U
Bromodichloromethane	50		1U	1 U	1 U	1.0 U	1.0 U	1.0 U
Bromoform	50		1U	1 U	1 U	1.0 U	1.0 U	1.0 U
Bromomethane	5		1U	1 U	1 U	1.0 U	1.0 U	1.0 U
Carbon disulfide	60		1U	1 U	1 U	1.0 U	1.0 U	1.0 U
Carbon tetrachloride	5		1U	1 U	1 U	1.0 U	1.0 U	1.0 U
Chlorobenzene	5		1U	1 U	1 U	1.0 U	1.0 U	1.0 U
Chloroethane	5		1U	1 U	1 U	1.0 U	1.0 U *1	1.0 U
Chloroform	7		1U	1 U	1 U	1.0 U	1.0 U	1.0 U
cis-1,2-Dichloroethene	5		1U	1 U	1 U	1.0 U	1.0 U	1.0 U
cis-1,3-Dichloropropene	0.4		1U	1 U	1 U	1.0 U	1.0 U	1.0 U
Dibromochloromethane	50		1U	1 U	1 U	1.0 U	1.0 U	1.0 U
Ethylbenzene	5		1U	1 U	1 U	1.0 U	1.0 U	1.0 U
Methyl chloride	5		1U	1 U	1 U	1.0 U	1.0 U	1.0 U
Methyl ethyl ketone	50		10U	10 U	10 U	10 U	10 U	10 U
Methylene chloride	5		1U	1 U	1 U	1.0 U	1.0 U	1.0 U
Styrene	5		1U	1 U	1 U	1.0 U	1.0 U	1.0 U
Tetrachloroethene	5		1U	0.45 J	0.57 J	0.41 J	1.0 U	1.0 U
Toluene	5		1U	1 U	1 U	1.0 U	1.0 U	1.0 U
trans-1,2-Dichloroethene	5		1U	1 U	1 U	1.0 U	1.0 U	1.0 U
trans-1,3-Dichloropropene	0.4		1U	1 U	1 U	1.0 U	1.0 U	1.0 U
Trichloroethene	5		0.53 J	1.1	1.4	1.1	0.97 J	0.98 J
Vinyl chloride	2		1U	1 U	1 U	1.0 U	1.0 U	1.0 U
Xylenes, Total	5		2U	2 U	2 U	2.0 U	2.0 U	2.0 U

NOTES:
U - not detected, J - estimated, D - Diluted Result, H - Holding time exceeded, R - unusable, NS - no standard, Dup - duplicate sample,
--- Not analyzed, F - MS and/or MSD recovery/RPD exceeds the control limits
[ ] - Exceeds NYS Class GA Ground Water Qaulity Standard
Trip Blank associated with samples collected on 10/29/07 contained Acetone and Methylene Chloride.
Data have not been validated

RAMBOLL

Table 4
Groundwater Data - VOCs
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW Stds (ug/l)	Location ID Depth Interval Sample Date Sample ID	MW-07D - 9/28/2022 MW7D 092822 ug/l	MW-07D --- 12/22/2022 MW7D122222 ug/l
1,1,1-Trichloroethane	5		1.0 U	1.0 U
1,1,2,2-Tetrachloroethane	5		1.0 U *+	1.0 U
1,1,2-Trichloroethane	1		1.0 U	1.0 U
1,1-Dichloroethane	5		1.0 U *+	1.0 U
1,1-Dichloroethene	5		1.0 U	1.0 U
1,2-Dichloroethane	0.6		1.0 U *+	1.0 U
1,2-Dichloroethene (Total)	5		---	---
1,2-Dichloropropane	1		1.0 U *+	1.0 U
2-Hexanone	50		5.0 U	5.0 U *+
4-Methyl-2-pentanone	NS		5.0 U	5.0 U *+
Acetone	50		10 U	10 U
Benzene	1		1.0 U	1.0 U
Bromodichloromethane	50		1.0 U *+	1.0 U
Bromoform	50		1.0 U	1.0 U
Bromomethane	5		1.0 U	1.0 U
Carbon disulfide	60		1.0 U	1.0 U
Carbon tetrachloride	5		1.0 U	1.0 U
Chlorobenzene	5		1.0 U	1.0 U
Chloroethane	5		1.0 U	1.0 U
Chloroform	7		1.0 U	1.0 U
cis-1,2-Dichloroethene	5		1.0 U	1.0 U
cis-1,3-Dichloropropene	0.4		1.0 U *+	1.0 U
Dibromochloromethane	50		1.0 U *+	1.0 U
Ethylbenzene	5		1.0 U	1.0 U
Methyl chloride	5		1.0 U	1.0 U
Methyl ethyl ketone	50		10 U *+	10 U
Methylene chloride	5		1.0 U *+	1.0 U
Styrene	5		1.0 U *+	1.0 U
Tetrachloroethene	5		0.37 J *+	1.0 U
Toluene	5		1.0 U	1.0 U
trans-1,2-Dichloroethene	5		1.0 U	1.0 U
trans-1,3-Dichloropropene	0.4		1.0 U	1.0 U
Trichloroethene	5		0.97 J	0.87 J
Vinyl chloride	2		1.0 U	1.0 U
Xylenes, Total	5		2.0 U	2.0 U

NOTES:
U - not detected, J - estimated, D - Diluted Result, H - Holding time exceeded, R - unusable, NS - no standard, Dup - duplicate sample,
--- Not analyzed, F - MS and/or MSD recovery/RPD exceeds the control limits
[ ] - Exceeds NYS Class GA Ground Water Qaulity Standard
Trip Blank associated with samples collected on 10/29/07 contained Acetone and Methylene Chloride.
Data have not been validated

RAMBOLL

Table 4
Groundwater Data - VOCs
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW Stds (ug/l)	Location ID	MW-07DD	MW-07DD	MW-07DD	MW-07DD	MW-07DD	MW-07DD
		Depth Interval	53 - 55	66 - 68	82 - 84	-	53 - 55	53 - 55
		Sample Date	7/29/2003	7/29/2003	7/29/2003	2/4/2004	5/18/2004	8/4/2004
		Sample ID	MW-07DD_WG_072903 ug/l	MW-07DD_WG_072903 ug/l	MW-07DD_WG_072903 ug/l	MW-07DD_WG_02040 ug/l	MW-07DD_WG_051804 ug/l	MW-07DD_WG_080404 ug/l
1,1,1-Trichloroethane	5		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1,2,2-Tetrachloroethane	5		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1,2-Trichloroethane	1		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1-Dichloroethane	5		0.3 J	0.3 J	0.3 J	1	0.2 J	0.5 U
1,1-Dichloroethene	5		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,2-Dichloroethane	0.6		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,2-Dichloroethene (Total)	5		---	---	---	---	---	---
1,2-Dichloropropane	1		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
2-Hexanone	50		5 U	5 U	5 U	5 U	5 U	5 U
4-Methyl-2-pentanone	NS		5 U	5 U	5 U	5 U	5 U	5 U
Acetone	50		10 U	10 U	10 U	10 U	10 U	10 U
Benzene	1		0.5 U	0.5 U	0.2 J	0.2 J	0.5 U	0.5 U
Bromodichloromethane	50		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Bromoform	50		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Bromomethane	5		1 U	1 U	1 U	1 U	1 U	1 U
Carbon disulfide	60		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Carbon tetrachloride	5		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Chlorobenzene	5		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Chloroethane	5		1 U	1 U	1 U	1 U	1 U	1 U
Chloroform	7		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
cis-1,2-Dichloroethene	5		0.4 J	0.5 J	0.5 J	**[7]**	0.3 J	0.3 J
cis-1,3-Dichloropropene	0.4		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Dibromochloromethane	50		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Ethylbenzene	5		0.5 U	0.5 U	0.1 J	0.4 J	0.5 U	0.5 U
Methyl chloride	5		1 U	1 U	1 U	1 U	1 U	1 U
Methyl ethyl ketone	50		10 U	10 U	10 U	10 U	10 U	10 U
Methylene chloride	5		2 U	2 U	2 U	2 U	2 U	2 U
Styrene	5		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Tetrachloroethene	5		0.5 U	0.5 U	0.5 U	0.5 U	0.1 J	0.5 U
Toluene	5		0.5 U	0.5 U	0.3 J	1	0.5 U	0.5 U
trans-1,2-Dichloroethene	5		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
trans-1,3-Dichloropropene	0.4		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Trichloroethene	5		0.5 U	0.5 U	0.5 U	0.2 J	0.2 J	0.2 J
Vinyl chloride	2		1 J	1 J	1 J	**[9]**	0.2 J	0.2 J
Xylenes, Total	5		0.5 U	0.5 U	1	**[5]**	0.5 U	0.5 U

NOTES:
U - not detected, J - estimated, D - Diluted Result, H - Holding time exceeded, R - unusable, NS - no standard, Dup - duplicate sample,
--- Not analyzed, F - MS and/or MSD recovery/RPD exceeds the control limits
[ ] - Exceeds NYS Class GA Ground Water Qaulity Standard
Trip Blank associated with samples collected on 10/29/07 contained Acetone and Methylene Chloride.
Data have not been validated

Table 4
Groundwater Data - VOCs
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW Stds (ug/l)	Location ID	MW-07DD	MW-07DD	MW-07DD	MW-07DD	MW-07DD	MW-07DD
		Depth Interval	53 - 55	53 - 55	53 - 55	-	-	-
		Sample Date	11/15/2004	2/14/2005	4/18/2005	9/8/2005	11/16/2005	4/26/2006
		Sample ID	MW-07DD WG 111504 ug/l	MW-07DD WG 021405 ug/l	MW-07DD WG 041805 ug/l	MW-7DD_09082005 ug/l	MW-7DD_11162005 ug/l	MW-7DD (2)_0426200 ug/l
1,1,1-Trichloroethane	5		0.5 U	0.5 U	0.5 U	0.50 U	0.50 U	0.50 U
1,1,2,2-Tetrachloroethane	5		0.5 U	0.5 U	0.5 U	0.50 U	0.50 U	0.50 U
1,1,2-Trichloroethane	1		0.5 U	0.5 U	0.5 U	0.50 U	0.50 U	0.50 U
1,1-Dichloroethane	5		0.1 J	0.1 J	0.1 J	0.14 J	0.13 J	0.50 U
1,1-Dichloroethene	5		0.5 U	0.5 U	0.5 U	0.50 U	0.50 U	0.50 U
1,2-Dichloroethane	0.6		0.5 U	0.5 U	0.5 U	0.50 U	0.50 U	0.50 U
1,2-Dichloroethene (Total)	5		---	---	---	---	---	---
1,2-Dichloropropane	1		0.5 U	0.5 U	0.5 U	0.50 U	0.50 U	0.50 U
2-Hexanone	50		5 U	5 U	5 U	5.00 U	5.00 U	5.00 U
4-Methyl-2-pentanone	NS		5 U	5 U	5 U	5.00 U	5.00 U	5.00 U
Acetone	50		10 U	10 U	10 U	1.87 J	10.0 U	1.23 J
Benzene	1		0.1 J	0.5 U	0.5 U	0.36 J	**[1.23]**	0.50 U
Bromodichloromethane	50		0.5 U	0.5 U	0.5 U	0.50 U	0.50 U	0.50 U
Bromoform	50		0.5 U	0.5 U	0.5 U	0.50 U	0.50 U	0.50 U
Bromomethane	5		1 U	1 U	1 U	1.00 U	1.00 U	1.00 U
Carbon disulfide	60		0.5 U	0.5 U	0.5 U	0.11 J	0.33 J	0.50 U
Carbon tetrachloride	5		0.5 U	0.5 U	0.5 U	0.50 U	0.50 U	0.50 U
Chlorobenzene	5		0.5 U	0.5 U	0.5 U	0.50 U	0.50 U	0.50 U
Chloroethane	5		1 U	1 U	1 U	1.00 U	1.00 U	1.00 U
Chloroform	7		0.5 U	0.5 U	0.5 U	0.50 U	0.50 U	0.50 U
cis-1,2-Dichloroethene	5		0.4 J	0.3 J	0.2 J	0.35 J	0.36 J	0.36 J
cis-1,3-Dichloropropene	0.4		0.5 U	0.5 U	0.5 U	0.50 U	0.50 U	0.50 U
Dibromochloromethane	50		0.5 U	0.5 U	0.5 U	0.50 U	0.50 U	0.50 U
Ethylbenzene	5		0.5 U	0.5 U	0.5 U	0.50 U	0.50 U	0.50 U
Methyl chloride	5		1 U	1 U	1 U	1.00 U	1.00 U	1.00 U
Methyl ethyl ketone	50		10 U	10 U	10 U	10.0 U	10.0 U	10.0 U
Methylene chloride	5		2 U	2 U	2 U	2.00 U	0.26 J	2.00 U
Styrene	5		0.5 U	0.5 U	0.5 U	0.50 U	0.50 U	0.50 U
Tetrachloroethene	5		0.5 U	0.5 U	0.5 U	0.50 U	0.50 U	0.15 J
Toluene	5		0.5 U	0.5 U	0.5 U	0.50 U	0.50 U	0.50 U
trans-1,2-Dichloroethene	5		0.5 U	0.5 U	0.5 U	0.50 U	0.50 U	0.50 U
trans-1,3-Dichloropropene	0.4		0.5 U	0.5 U	0.5 U	0.50 U	0.50 U	0.50 U
Trichloroethene	5		0.2 J	0.1 J	0.2 J	0.20 J	0.20 J	0.53
Vinyl chloride	2		0.2 J	0.1 J	1 U	1.00 U	0.19 J	1.00 U
Xylenes, Total	5		0.5 U	0.5 U	0.5 U	1.00 U	1.00 U	1.00 U

NOTES:
U - not detected, J - estimated, D - Diluted Result, H - Holding time exceeded, R - unusable, NS - no standard, Dup - duplicate sample,
--- Not analyzed, F - MS and/or MSD recovery/RPD exceeds the control limits
[ ] - Exceeds NYS Class GA Ground Water Qaulity Standard
Trip Blank associated with samples collected on 10/29/07 contained Acetone and Methylene Chloride.
Data have not been validated

RAMBOLL

Table 4
Groundwater Data - VOCs
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW Stds (ug/l)	Location ID	MW-07DD	MW-07DD	MW-07DD	MW-07DD	MW-07DD	MW-07DD
		Depth Interval	-	-	-			-
		Sample Date	11/15/2006	5/2/2007	10/31/2007	5/22/2008	11/20/2008	10/20/2009
		Sample ID	MW-7DD(2)_1115200(	MW-7DD (2)_050207	MW 7-DD 2-103107	MW 7-DD 2-052208	MW 7-DD 2-112008	MW-7DD-10202009
			ug/l	ug/l	ug/l	ug/l	ug/l	ug/l
1,1,1-Trichloroethane	5		0.5 U	0.5 U	0.5 HU	0.5 U	0.5 U	1 U
1,1,2,2-Tetrachloroethane	5		0.5 U	0.5 U	0.5 HU	0.5 U	0.5 U	1 U
1,1,2-Trichloroethane	1		0.5 U	0.5 U	0.5 HU	0.5 U	0.5 U	1 U
1,1-Dichloroethane	5		0.5 U	0.5 U	0.5 HU	0.5 U	0.5 U	1 U
1,1-Dichloroethene	5		0.5 U	0.5 U	0.5 HU	0.5 U	0.5 U	1 U
1,2-Dichloroethane	0.6		0.5 U	0.5 U	0.5 HU	0.5 U	0.5 U	1 U
1,2-Dichloroethene (Total)	5		---	---	---	---	---	---
1,2-Dichloropropane	1		0.5 U	0.5 U	0.5 HU	0.5 U	0.5 U	1 U
2-Hexanone	50		5 U	5 U	5 HU	5 U	5 U	5 U
4-Methyl-2-pentanone	NS		5 U	5 U	5 HU	5 U	5 U	5 U
Acetone	50		10 U	10 U	3.39 JH	10 U	10 U	5 U
Benzene	1		**[1.18]**	0.5 U	0.28 JH	0.5 U	0.5 U	1 U
Bromodichloromethane	50		0.5 U	0.5 U	0.5 HU	0.5 U	0.5 U	1 U
Bromoform	50		0.5 U	0.5 U	0.5 HU	1 U	1 U	1 U
Bromomethane	5		1 U	1 U	1 HU	1 U	1 U	1 U
Carbon disulfide	60		0.20 J	0.5 U	0.5 HU	0.5 U	0.5 U	1 U
Carbon tetrachloride	5		0.5 U	0.5 U	0.5 HU	0.5 U	0.5 U	1 U
Chlorobenzene	5		0.13 J	0.5 U	0.5 HU	0.5 U	0.5 U	1 U
Chloroethane	5		1 U	1 U	1 HU	1 U	1 U	1 U
Chloroform	7		0.5 U	0.5 U	0.5 HU	0.5 U	0.5 U	1 U
cis-1,2-Dichloroethene	5		0.40 J	0.25 J	0.37 JH	0.29 J	0.25 J	0.88 J
cis-1,3-Dichloropropene	0.4		0.5 U	0.5 U	0.5 HU	0.5 U	0.5 U	1 U
Dibromochloromethane	50		0.5 U	0.5 U	0.5 HU	0.5 U	0.5 U	1 U
Ethylbenzene	5		0.5 U	0.5 U	0.5 HU	0.5 U	0.5 U	1 U
Methyl chloride	5		1 U	1 U	1 HU	1 U	1 U	---
Methyl ethyl ketone	50		10 U	10 U	10 HU	10 U	10 U	---
Methylene chloride	5		2 U	2 U	2 HU	2 U	2 U	1 U
Styrene	5		0.5 U	0.5 U	0.5 HU	0.5 U	0.5 U	1 U
Tetrachloroethene	5		0.10 J	0.23 J	0.1 JH	0.3 J	0.41 J	1 U
Toluene	5		0.5 U	0.5 U	0.5 HU	0.5 U	0.5 U	1 U
trans-1,2-Dichloroethene	5		0.5 U	0.5 U	0.5 HU	0.5 U	0.5 U	1 U
trans-1,3-Dichloropropene	0.4		0.5 U	0.5 U	0.5 HU	0.5 U	0.5 U	1 U
Trichloroethene	5		0.48 J	0.47 J	0.55 H	0.79	0.7	1 U
Vinyl chloride	2		1 U	1 U	1 HU	1 U	1 U	1 U
Xylenes, Total	5		1 U	1 U	1 HU	1 U	1 U	2 U

NOTES:
U - not detected, J - estimated, D - Diluted Result, H - Holding time exceeded, R - unusable, NS - no standard, Dup - duplicate sample,
--- Not analyzed, F - MS and/or MSD recovery/RPD exceeds the control limits
[ ] - Exceeds NYS Class GA Ground Water Qaulity Standard
Trip Blank associated with samples collected on 10/29/07 contained Acetone and Methylene Chloride.
Data have not been validated

RAMBOLL

Table 4
Groundwater Data - VOCs
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW Stds (ug/l)	Location ID	MW-07DD	MW-07DD	MW-07DD	MW-07DD	MW-07DD	MW-07DD
		Depth Interval	-	-	-	-		-
		Sample Date	5/17/2010	1/18/2011	4/19/2011	7/27/2011	10/26/2011	3/21/2012
		Sample ID	V-7DD-051710051720	MW-7DD-01182011	MW-7DD-041911	MW-7DD072711	MW7DD102611	MW7DD032112
			ug/l	ug/l	ug/l	ug/l	ug/l	ug/l
1,1,1-Trichloroethane	5		1 U	1 U	1 U	1 U	1 U	1 U
1,1,2,2-Tetrachloroethane	5		1 U	1 U	1 U	1 U	1 U	1 U
1,1,2-Trichloroethane	1		1 U	1 U	1 U	1 U	1 U	1 U
1,1-Dichloroethane	5		1 U	1 U	1 U	1 U	1 U	1 U
1,1-Dichloroethene	5		1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichloroethane	0.6		1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichloroethene (Total)	5		---	---	---	---	---	---
1,2-Dichloropropane	1		1 U	1 U	1 U	1 U	1 U	1 U
2-Hexanone	50		5 U	5 U	5 U	5 U	5 U	5 U
4-Methyl-2-pentanone	NS		5 U	5 U	5 U	5 U	5 U	5 U
Acetone	50		5 U	10 U	10 U	10 U	10 U	10 U
Benzene	1		1 U	1 U	1 U	1 U	1 U	1 U
Bromodichloromethane	50		1 U	1 U	1 U	1 U	1 U	1 U
Bromoform	50		1 U	1 U	1 U	1 U	1 U	1 U
Bromomethane	5		1 U	1 U	1 U	1 U	1 U	1 U
Carbon disulfide	60		1 U	1 U	1 U	1 U	1 U	1 U
Carbon tetrachloride	5		1 U	1 U	1 U	1 U	1 U	1 U
Chlorobenzene	5		1 U	1 U	1 U	1 U	1 U	1 U
Chloroethane	5		1 U	1 U	1 U	1 U	1 U	1 U
Chloroform	7		1 U	1 U	1 U	1 U	1 U	1 U
cis-1,2-Dichloroethene	5		1 U	1 U	1 U	1 U	1 U	1 U
cis-1,3-Dichloropropene	0.4		1 U	1 U	1 U	1 U	1 U	1 U
Dibromochloromethane	50		1 U	1 U	1 U	1 U	1 U	1 U
Ethylbenzene	5		1 U	1 U	1 U	1 U	1 U	1 U
Methyl chloride	5		1 U	1 U	1 U	1 U	1 U	1 U
Methyl ethyl ketone	50		5 U	10 U	10 U	10 U	10 U	10 U
Methylene chloride	5		1 U	1 U	1 U	1 U	1 U	1 U
Styrene	5		1 U	1 U	1 U	1 U	1 U	1 U
Tetrachloroethene	5		1 U	1 U	1 U	1 U	1 U	1 U
Toluene	5		0.7 J	1 U	1 U	1 U	1 U	1 U
trans-1,2-Dichloroethene	5		1 U	1 U	1 U	1 U	1 U	1 U
trans-1,3-Dichloropropene	0.4		1 U	1 U	1 U	1 U	1 U	1 U
Trichloroethene	5		1 U	1 U	0.46 J	1 U	0.62 J	1.1
Vinyl chloride	2		1 U	1 U	1 U	1 U	1 U	1 U
Xylenes, Total	5		2 U	2 U	2 U	2 U	2 U	2 U

NOTES:
U - not detected, J - estimated, D - Diluted Result, H - Holding time exceeded, R - unusable, NS - no standard, Dup - duplicate sample,
--- Not analyzed, F - MS and/or MSD recovery/RPD exceeds the control limits
[ ] - Exceeds NYS Class GA Ground Water Qaulity Standard
Trip Blank associated with samples collected on 10/29/07 contained Acetone and Methylene Chloride.
Data have not been validated

RAMBOLL

Table 4
Groundwater Data - VOCs
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW Stds (ug/l)	Location ID Depth Interval Sample Date Sample ID	MW-7DD 8/8/2012 MW7DD080812 ug/l	MW-7DD - 12/18/2012 MW-7DD-121812 ug/l	X-1 - 12/18/2012 MW-7DD-121812 ug/l	MW-7DD - 5/23/2013 MW-7DD-052313 ug/l	MW-7DD - 8/20/2013 MW-7DD-082013 ug/l	MW-7DD - 12/17/2013 MW-7DD-121713 ug/l
1,1,1-Trichloroethane	5		1 U	1 U	1 U	1 U	1 U	1 U
1,1,2,2-Tetrachloroethane	5		1 U	1 U	1 U	1 U	1 U	1 U
1,1,2-Trichloroethane	1		1 U	1 U	1 U	1 U	1 U	1 U
1,1-Dichloroethane	5		1 U	1 U	1 U	1 U	1 U	1 U
1,1-Dichloroethene	5		1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichloroethane	0.6		1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichloroethene (Total)	5		---	---	---	---	---	---
1,2-Dichloropropane	1		1 U	1 U	1 U	1 U	1 U	1 U
2-Hexanone	50		5 U	5 U	5 U	5 U	5 U	5 U
4-Methyl-2-pentanone	NS		5 U	5 U	5 U	5 U	5 U	5 U
Acetone	50		10 U	10 U	10 U	10 U	10 U	10 U
Benzene	1		1 U	1 U	1 U	1 U	1 U	0.62 J
Bromodichloromethane	50		1 U	1 U	1 U	1 U	1 U	1 U
Bromoform	50		1 U	1 U	1 U	1 U	1 U	1 U
Bromomethane	5		1 U	1 U	1 U	1 U	1 U	1 U
Carbon disulfide	60		1 U	1 U	1 U	1 U	1 U	1 U
Carbon tetrachloride	5		1 U	1 U	1 U	1 U	1 U	1 U
Chlorobenzene	5		1 U	1 U	1 U	1 U	1 U	1 U
Chloroethane	5		1 U	1 U	1 U	1 U	1 U	1 U
Chloroform	7		1 U	1 U	1 U	1 U	1 U	1 U
cis-1,2-Dichloroethene	5		1.1	1.2	1.2	1 U	0.98 J	1 U
cis-1,3-Dichloropropene	0.4		1 U	1 U	1 U	1 U	1 U	1 U
Dibromochloromethane	50		1 U	1 U	1 U	1 U	1 U	1 U
Ethylbenzene	5		1 U	1 U	1 U	1 U	1 U	1 U
Methyl chloride	5		1 U	1 U	1 U	1 U	1 U	1 U
Methyl ethyl ketone	50		10 U	10 U	10 U	10 U	10 U	10 U
Methylene chloride	5		1 U	1 U	1 U	1 U	1 U	1 U
Styrene	5		1 U	1 U	1 U	1 U	1 U	1 U
Tetrachloroethene	5		1 U	1 U	1 U	1 U	1 U	1 U
Toluene	5		1 U	1 U	1 U	1 U	1 U	1 U
trans-1,2-Dichloroethene	5		1 U	1 U	1 U	1 U	1 U	1 U
trans-1,3-Dichloropropene	0.4		1 U	1 U	1 U	1 U	1 U	1 U
Trichloroethene	5		1 U	1 U	1 U	1 U	1 U	1 U
Vinyl chloride	2		1 U	1 U	1 U	1 U	1 U	1 U
Xylenes, Total	5		2 U	2 U	2 U	2 U	2 U	2 U

NOTES:
U - not detected, J - estimated, D - Diluted Result, H - Holding time exceeded, R - unusable, NS - no standard, Dup - duplicate sample,
--- Not analyzed, F - MS and/or MSD recovery/RPD exceeds the control limits
[ ] - Exceeds NYS Class GA Ground Water Qaulity Standard
Trip Blank associated with samples collected on 10/29/07 contained Acetone and Methylene Chloride.
Data have not been validated

RAMBOLL

Table 4
Groundwater Data - VOCs
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW Stds (ug/l)	Location ID / Depth Interval / Sample Date / Sample ID	MW-7DD - 3/26/2014 MW-7DD-032614 ug/l	MW-7DD - 6/11/2014 MW-7DD-061114 ug/l	MW-7DD - 9/24/2014 MW7DD092414 ug/l	MW-7DD - 12/10/2014 MW 7DD 121014 ug/l	MW-7DD - 3/18/2015 MW7DD031815 ug/l	MW-7DD - 6/24/2015 MW7DD062415 ug/l
1,1,1-Trichloroethane	5		1 U	1 U	1 U	1 U	1 U	1 U
1,1,2,2-Tetrachloroethane	5		1 U	1 U	1 U	1 U	1 U	1 U
1,1,2-Trichloroethane	1		1 U	1 U	1 U	1 U	1 U	1 U
1,1-Dichloroethane	5		1 U	1 U	1 U	1 U	1 U	1 U
1,1-Dichloroethene	5		1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichloroethane	0.6		1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichloroethene (Total)	5		---	---	---	---	---	---
1,2-Dichloropropane	1		1 U	1 U	1 U	1 U	1 U	1 U
2-Hexanone	50		5 U	5 U	5 U*	5 U	5 U	5 U
4-Methyl-2-pentanone	NS		5 U	5 U	5 U	5 U	5 U	5 U
Acetone	50		10 U	10 U	10 U	10 U	10 U	10 U
Benzene	1		1 U	1 U	1 U	0.43 J	0.56 J	0.56 J
Bromodichloromethane	50		1 U	1 U	1 U	1 U	1 U	1 U
Bromoform	50		1 U	1 U	1 U	1 U	1 U	1 U
Bromomethane	5		1 U	1 U	1 U	1 U	1 U	1 U
Carbon disulfide	60		1 U	1 U	0.32 J	1 U	1 U	1 U
Carbon tetrachloride	5		1 U	1 U	1 U	1 U	1 U	1 U
Chlorobenzene	5		1 U	1 U	1 U	1 U	1 U	1 U
Chloroethane	5		1 U	1 U	1 U	1 U	1 U	1 U
Chloroform	7		1 U	1 U	1 U	1 U	1 U	1 U
cis-1,2-Dichloroethene	5		1 U	1 U	1.2	1.1	1 U	0.85 J
cis-1,3-Dichloropropene	0.4		1 U	1 U	1 U	1 U	1 U	1 U
Dibromochloromethane	50		1 U	1 U	1 U	1 U	1 U	1 U
Ethylbenzene	5		1 U	1 U	1 U	1 U	1 U	1 U
Methyl chloride	5		1 U	1 U	1 U	1 U	1 U	1 U
Methyl ethyl ketone	50		10 U	5 U	10 U	10 U	10 U	10 U
Methylene chloride	5		1 U	1 U	1 U	1 U	1 U	1 U
Styrene	5		1 U	1 U	1 U	1 U	1 U	1 U
Tetrachloroethene	5		1 U	1 U	1 U	1 U	1 U	1 U
Toluene	5		1 U	1 U	1 U	1 U	1 U	1 U
trans-1,2-Dichloroethene	5		1 U	1 U	1 U	1 U	1 U	1 U
trans-1,3-Dichloropropene	0.4		1 U	1 U	1 U	1 U	1 U	1 U
Trichloroethene	5		1 U	0.57 J	1 U	1 U	1 U	1 U
Vinyl chloride	2		1 U	1 U	1 U	1 U	1 U	1 U
Xylenes, Total	5		2 U	2 U	2 U	2 U	2 U	2 U

NOTES:
U - not detected, J - estimated, D - Diluted Result, H - Holding time exceeded, R - unusable, NS - no standard, Dup - duplicate sample,
--- Not analyzed, F - MS and/or MSD recovery/RPD exceeds the control limits
[ ] - Exceeds NYS Class GA Ground Water Qaulity Standard
Trip Blank associated with samples collected on 10/29/07 contained Acetone and Methylene Chloride.
Data have not been validated

Table 4
Groundwater Data - VOCs
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW Stds (ug/l)	Location ID / Depth Interval / Sample Date / Sample ID	MW-7DD - 9/23/2015 MW7DD 092315 ug/l	MW-7DD - 1/13/2016 MW7DD 011316 ug/l	MW-7DD - 3/29/2016 MW7DD 032916 ug/l	MW-7DD - 6/22/2016 MW7DD 062216 ug/l	MW-7DD - 9/21/2016 MW7DD 092116 ug/l	MW-7DD - 12/20/2016 MW7DD 122016 ug/l
1,1,1-Trichloroethane	5		1 U	1 U	1 UF	1 U	1 U	1 U
1,1,2,2-Tetrachloroethane	5		1 U	1 U	1 U	1 U	1 U	1 U
1,1,2-Trichloroethane	1		1 U	1 U	1 UF	1 U	1 U	1 U
1,1-Dichloroethane	5		1 U	1 U	1 U	1 U	1 U	1 U
1,1-Dichloroethene	5		1 U	1 U	1 UF	1 U	1 U	1 U
1,2-Dichloroethane	0.6		1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichloroethene (Total)	5		---	---	----	---	---	---
1,2-Dichloropropane	1		1 U	1 U	1 UF	1 U	1 U	1 U
2-Hexanone	50		5 U	5 U	5 U	5 U	5 U	5 U
4-Methyl-2-pentanone	NS		5 U	5 U	5 U	5 U	5 U	5 U
Acetone	50		10 U	10 U *	10 U	10 U	10 U	10 U
Benzene	1		0.52 J	1 U	1 U	1 U	1 U	1 U
Bromodichloromethane	50		1 U	1 U	1 UF	1 U	1 U	1 U
Bromoform	50		1 U	1 U	1 UF	1 U	1 U	1 U
Bromomethane	5		1 U	1 U	1 U	1 U	1 U	1 U
Carbon disulfide	60		1 U	1 U	1 U	1 U	1 U	1 U
Carbon tetrachloride	5		1 U	1 U	1 U*	1 U	1 U	1 U
Chlorobenzene	5		1 U	1 U	1 UF	1 U	1 U	1 U
Chloroethane	5		1 U	1 U	1 U	1 U	1 U	1 U
Chloroform	7		1 U	1 U	1 U	1 U	1 U	1 U
cis-1,2-Dichloroethene	5		1.1	0.92 J	1 U	1 U	1 U	1 U
cis-1,3-Dichloropropene	0.4		1 U	1 U	1 -	1 U	1 U	1 U
Dibromochloromethane	50		1 U	1 U	1 UF	1 U	1 U	1 U
Ethylbenzene	5		1 U	1 U	1 U	1 U	1 U	1 U
Methyl chloride	5		1 U	1 U	1 U	1 U	1 U	1 U
Methyl ethyl ketone	50		10 U	10 U	10 U	10 U	10 U	10 U
Methylene chloride	5		1 U	1 U	1 U	1 U	1 U	1 U
Styrene	5		1 U	1 U	1 U	1 U	1 U	1 U
Tetrachloroethene	5		1 U	1 U	1 UF	1 U	1 U	1 U
Toluene	5		1 U	1 U	1 U	1 U	0.59 J	1 U
trans-1,2-Dichloroethene	5		1 U	1 U	1 U	1 U	1 U	1 U
trans-1,3-Dichloropropene	0.4		1 U	1 U	1 U*	1 U	1 U	1 U
Trichloroethene	5		1 U	1 U	1 UF	0.6 J	1 U	1 U
Vinyl chloride	2		1 U	1 U	1 U	1 U	1 U	1 U
Xylenes, Total	5		2 U	2 U	2 UF	2 U	2 U	2 U

NOTES:
U - not detected, J - estimated, D - Diluted Result, H - Holding time exceeded, R - unusable, NS - no standard, Dup - duplicate sample,
--- Not analyzed, F - MS and/or MSD recovery/RPD exceeds the control limits
[ ] - Exceeds NYS Class GA Ground Water Qaulity Standard
Trip Blank associated with samples collected on 10/29/07 contained Acetone and Methylene Chloride.
Data have not been validated

RAMBOLL

Table 4
Groundwater Data - VOCs
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW Stds (ug/l)	Location ID / Depth Interval / Sample Date / Sample ID	MW-7DD - 4/12/2017 MW7DD 041217 ug/l	MW-7DD - 6/28/2017 MW7DD 062817 ug/l	MW-7DD - 9/13/2017 MW7DD 091317 ug/l	MW-7DD - 12/20/2017 MW7DD 122017 ug/l	MW-7DD - 3/14/2018 X-1 031418 ug/l	MW-7DD - 6/19/2018 MW 7DD 061918 ug/l
1,1,1-Trichloroethane	5		1 U	1 U	1 U	1.0 U	1.0 U	1.0 U
1,1,2,2-Tetrachloroethane	5		1 U	1 U	1 U	1.0 U	1.0 U	1.0 U
1,1,2-Trichloroethane	1		1 U	1 U	1 U	1.0 U	1.0 U	1.0 U
1,1-Dichloroethane	5		1 U	1 U	1 U	1.0 U	1.0 U	1.0 U
1,1-Dichloroethene	5		1 U	1 U	1 U	1.0 U	1.0 U	1.0 U
1,2-Dichloroethane	0.6		1 U	1 U	1 U	1.0 U	1.0 U	1.0 U
1,2-Dichloroethene (Total)	5		---	---	---	---	---	---
1,2-Dichloropropane	1		1 U	1 U	1 U	1.0 U	1.0 U	1.0 U
2-Hexanone	50		5 U	5 U	5 U	5.0 U	5.0 U	5.0 U
4-Methyl-2-pentanone	NS		5 U	5 U	5 U	5.0 U	5.0 U	5.0 U
Acetone	50		10 U	10 U	10 U	10 U	10 U	10 U
Benzene	1		1 U	1 U	1 U	1.0 U	1.0 U	1.0 U
Bromodichloromethane	50		1 U	1 U	1 U	1.0 U	1.0 U	1.0 U
Bromoform	50		1 U	1 U	1 U	1.0 U	1.0 U	1.0 U
Bromomethane	5		1 U	1 U	1 U	1.0 U	1.0 U	1.0 U
Carbon disulfide	60		1 U	1 U	1 U	1.0 U	1.0 U	1.0 U
Carbon tetrachloride	5		1 U	1 U	1 U	1.0 U	1.0 U	1.0 U
Chlorobenzene	5		1 U	1 U	1 U	1.0 U	1.0 U	1.0 U
Chloroethane	5		1 U	1 U	1 U	1.0 U	1.0 U	1.0 U
Chloroform	7		1 U	1 U	1 U	1.0 U	1.0 U	1.0 U
cis-1,2-Dichloroethene	5		1 U	1 U	1.2	1.0 U	1.0 U	1.0 U
cis-1,3-Dichloropropene	0.4		1 U	1 U	1 U	1.0 U	1.0 U	1.0 U
Dibromochloromethane	50		1 U	1 U	1 U	1.0 U	1.0 U	1.0 U
Ethylbenzene	5		1 U	1 U	1 U	1.0 U	1.0 U	1.0 U
Methyl chloride	5		1 U	1 U	1 U	1.0 U	1.0 U	1.0 U
Methyl ethyl ketone	50		10 U	10 U	10 U	10 U	10 U	10 U
Methylene chloride	5		1 U	1 U	1 U	1.0 U	1.0 U	1.0 U
Styrene	5		1 U	1 U	1 U	1.0 U	1.0 U	1.0 U
Tetrachloroethene	5		1 U	1 U	1 U	1.0 U	1.0 U	1.0 U
Toluene	5		1 U	1 U	1 U	1.0 U	1.0 U	1.0 U
trans-1,2-Dichloroethene	5		1 U	1 U	1 U	1.0 U	1.0 U	1.0 U
trans-1,3-Dichloropropene	0.4		1 U	1 U	1 U	1.0 U	1.0 U	1.0 U
Trichloroethene	5		0.78 J	0.5 J	1 U	1.0 U	1.0 U	0.53 J
Vinyl chloride	2		1 U	1 U	1 U	1.0 U	1.0 U	1.0 U
Xylenes, Total	5		2 U	2 U	2 U	2.0 U	2.0 U	2.0 U

NOTES:
U - not detected, J - estimated, D - Diluted Result, H - Holding time exceeded, R - unusable, NS - no standard, Dup - duplicate sample,
--- Not analyzed, F - MS and/or MSD recovery/RPD exceeds the control limits
[ ] - Exceeds NYS Class GA Ground Water Qaulity Standard
Trip Blank associated with samples collected on 10/29/07 contained Acetone and Methylene Chloride.
Data have not been validated

RAMBOLL

Table 4
Groundwater Data - VOCs
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW Stds (ug/l)	Location ID / Depth Interval / Sample Date / Sample ID	MW-7DD - 9/18/2018 MW 7DD 091818 ug/l	MW-7DD - 11/28/2018 MW-7DD-112818 ug/l	MW-7DD - 3/19/2019 MW-7DD-031919 ug/l	MW-7DD - 6/20/2019 MW-7DD-062019 ug/l	MW-7DD - 9/24/2019 MW-7DD-092419 ug/l	MW-7DD - 12/18/2019 MW-7DD-121819 ug/l
1,1,1-Trichloroethane	5		1.0 U	1 U	1 U	1 U	1 U	1 U
1,1,2,2-Tetrachloroethane	5		1.0 U	1 U	1 U	1 U	1 U	1 U
1,1,2-Trichloroethane	1		1.0 U	1 U	1 U	1 U	1 U	1 U
1,1-Dichloroethane	5		1.0 U	1 U	1 U	1 U	1 U	1 U
1,1-Dichloroethene	5		1.0 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichloroethane	0.6		1.0 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichloroethene (Total)	5		---	---	---	---	---	---
1,2-Dichloropropane	1		1.0 U	1 U	1 U	1 U	1 U	1 U
2-Hexanone	50		5.0 U	5 U *	5 U	5 U	5 U	5 U
4-Methyl-2-pentanone	NS		5.0 U*	5 U	5 U	5 U	5 U	5 U
Acetone	50		10 U	10 U	10 U	10 U	10 U	10 U
Benzene	1		1.0 U	1 U	1 U	1 U	1 U	1 U
Bromodichloromethane	50		1.0 U	1 U	1 U	1 U	1 U	1 U
Bromoform	50		1.0 U	1 U	1 U	1 U	1 U	1 U
Bromomethane	5		1.0 U	1 U	1 U	1 U	1 U	1 U
Carbon disulfide	60		1.0 U	0.33 J B	1 U	0.46 J	1 U	1 U
Carbon tetrachloride	5		1.0 U	1 U	1 U	1 U	1 U	1 U
Chlorobenzene	5		1.0 U	1 U	1 U	1 U	1 U	1 U
Chloroethane	5		1.0 U	1 U	1 U	1 U	1 U	1 U
Chloroform	7		1.0 U	1 U	1 U	1 U	1 U	1 U
cis-1,2-Dichloroethene	5		1.1	1 U	1 U	1 U	1 U	1 U
cis-1,3-Dichloropropene	0.4		1.0 U	1 U *	1 U	1 U	1 U	1 U
Dibromochloromethane	50		1.0 U	1 U	1 U	1 U	1 U	1 U
Ethylbenzene	5		1.0 U	1 U	1 U	1 U	1 U	1 U
Methyl chloride	5		1.0 U	1 U	1 U	1 U	1 U	1 U
Methyl ethyl ketone	50		10 U	10 U	10 U	10 U	10 U	10 U
Methylene chloride	5		1.0 U	1 U	1 U	1 U	1 U	1 U
Styrene	5		1.0 U	1 U	1 U	1 U	1 U	1 U
Tetrachloroethene	5		1.0 U	1 U	1 U	1 U	1 U	1 U
Toluene	5		1.0 U	1 U	1 U	1 U	0.59 J	1 U
trans-1,2-Dichloroethene	5		1.0 U	1 U	1 U	1 U	1 U	1 U
trans-1,3-Dichloropropene	0.4		1.0 U	1 U *	1 U	1 U	1 U	1 U
Trichloroethene	5		1.0 U	1 U	1 U	1 U	0.61 J	0.67 J
Vinyl chloride	2		1.0 U	1 U	1 U	1 U	1 U	1 U
Xylenes, Total	5		2.0 U	2 U	2 U	2 U	2 U	2 U

NOTES:
U - not detected, J - estimated, D - Diluted Result, H - Holding time exceeded, R - unusable, NS - no standard, Dup - duplicate sample,
--- Not analyzed, F - MS and/or MSD recovery/RPD exceeds the control limits
[ ] - Exceeds NYS Class GA Ground Water Qaulity Standard
Trip Blank associated with samples collected on 10/29/07 contained Acetone and Methylene Chloride.
Data have not been validated

RAMBOLL

Table 4
Groundwater Data - VOCs
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW Stds (ug/l)	Location ID Depth Interval Sample Date Sample ID	MW-07DD - 3/18/2020 MW 7DD 031820 ug/l	MW-07DD -- 6/17/2020 MW7DD061720 µg/L	MW-07DD -- 6/17/2020 MW7DD061720 µg/L	MW-07DD -- 12/15/2020 MW7DD 121520 µg/L	MW-07DD 3/24/2021 MW7DD(2)032421 ug/l	MW-07DD -- 6/15/2021 MW7DD 061521 µg/L
1,1,1-Trichloroethane	5		1 U	1 U	1 U	1 U	1U	1 U
1,1,2,2-Tetrachloroethane	5		1 U	1 U	1 U	1 U	1U	1 U
1,1,2-Trichloroethane	1		1 U	1 U	1 U	1 U	1U	1 U
1,1-Dichloroethane	5		1 U	1 U	1 U	1 U	1U	1 U
1,1-Dichloroethene	5		1 U	1 U	1 U	1 U	1U	1 U
1,2-Dichloroethane	0.6		1 U	1 U	1 U	1 U	1U	1 U
1,2-Dichloroethene (Total)	5		---	---	---	---	---	---
1,2-Dichloropropane	1		1 U	1 U	1 U	1 U	1U	1 U
2-Hexanone	50		5 U	5 U	5 U	5 U	5U	5 U
4-Methyl-2-pentanone	NS		5 U	5 U	5 U	5 U	5U	5 U
Acetone	50		10 U	10 U	10 U	10 U	10U	10 U
Benzene	1		1 U	1 U	1 U	1 U	1U	1 U
Bromodichloromethane	50		1 U	1 U	1 U	1 U	1U	1 U
Bromoform	50		1 U	1 U	1 U	1 U	1U	1 U
Bromomethane	5		1 U	1 U	1 U	1 U	1U	1 U
Carbon disulfide	60		1 U	1 U	1 U	1 U	1U	1 U
Carbon tetrachloride	5		1 U	1 U	1 U	1 U	1U	1 U
Chlorobenzene	5		1 U	1 U	1 U	1 U	1U	1 U
Chloroethane	5		1 U	1 U	1 U	1 U	1U	1 U
Chloroform	7		1 U	1 U	1 U	1 U	1U	1 U
cis-1,2-Dichloroethene	5		1 U	1 U	1 U	1 U	1U	1 U
cis-1,3-Dichloropropene	0.4		1 U	1 U	1 U	1 U	1U	1 U
Dibromochloromethane	50		1 U	1 U	1 U	1 U	1U	1 U
Ethylbenzene	5		1 U	1 U	1 U	1 U	1U	1 U
Methyl chloride	5		1 U	1 U	1 U	1 U	1U	1 U
Methyl ethyl ketone	50		10 U	10 U	10 U	10 U	10U	10 U
Methylene chloride	5		1 U	1 U	1 U	1 U	1U	1 U
Styrene	5		1 U	1 U	1 U	1 U	1U	1 U
Tetrachloroethene	5		1 U	1 U	1 U	1 U	1U	1 U
Toluene	5		1 U	1 U	1 U	1 U	1U	1 U
trans-1,2-Dichloroethene	5		1 U	1 U	1 U	1 U	1U	1 U
trans-1,3-Dichloropropene	0.4		1 U	1 U	1 U	1 U	1U	1 U
Trichloroethene	5		0.62 J	0.6 J	1 U	1U	1U	1U
Vinyl chloride	2		1 U	1 U	1 U	1 U	1U	1 U
Xylenes, Total	5		2 U	2 U	2 U	2 U	2U	2 U

NOTES:
U - not detected, J - estimated, D - Diluted Result, H - Holding time exceeded, R - unusable, NS - no standard, Dup - duplicate sample,
--- Not analyzed, F - MS and/or MSD recovery/RPD exceeds the control limits
[ ] - Exceeds NYS Class GA Ground Water Qaulity Standard
Trip Blank associated with samples collected on 10/29/07 contained Acetone and Methylene Chloride.
Data have not been validated

Table 4
Groundwater Data - VOCs
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW Stds (ug/l)	Location ID Depth Interval Sample Date Sample ID	MW-07DD - 9/23/2021 MW7DD 092321 ug/l	MW-07DD - 12/21/2021 MW7DD 122121 ug/l	MW-07DD - 3/23/2022 MW7DD 032322 µg/L	MW-07DD - 6/23/2022 MW-7DD-2 062322 ug/l	MW-07DD - 9/28/2022 MW7DD 092822 ug/l	MW-07DD --- 12/22/2022 MW7DD122222 ug/l
1,1,1-Trichloroethane	5		1 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1,2,2-Tetrachloroethane	5		1 U	1.0 U	1.0 U	1.0 U	1.0 U *+	1.0 U
1,1,2-Trichloroethane	1		1 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1-Dichloroethane	5		1 U	1.0 U	1.0 U	1.0 U	1.0 U *+	1.0 U
1,1-Dichloroethene	5		1 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichloroethane	0.6		1 U	1.0 U	1.0 U	1.0 U	1.0 U *+	1.0 U
1,2-Dichloroethene (Total)	5		---	---	---	---	---	---
1,2-Dichloropropane	1		1 U	1.0 U	1.0 U	1.0 U	1.0 U *+	1.0 U
2-Hexanone	50		5 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U *+
4-Methyl-2-pentanone	NS		5 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U *+
Acetone	50		7.6 J	10 U	10 U	10 U	10 U	10 U
Benzene	1		1 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromodichloromethane	50		1 U	1.0 U	1.0 U	1.0 U	1.0 U *+	1.0 U
Bromoform	50		1 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromomethane	5		1 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Carbon disulfide	60		1 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Carbon tetrachloride	5		1 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chlorobenzene	5		1 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chloroethane	5		1 U	1.0 U	1.0 U *1	1.0 U	1.0 U	1.0 U
Chloroform	7		1 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
cis-1,2-Dichloroethene	5		1 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
cis-1,3-Dichloropropene	0.4		1 U	1.0 U	1.0 U	1.0 U	1.0 U *+	1.0 U
Dibromochloromethane	50		1 U	1.0 U	1.0 U	1.0 U	1.0 U *+	1.0 U
Ethylbenzene	5		1 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Methyl chloride	5		1 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Methyl ethyl ketone	50		10 U	10 U	10 U	10 U	10 U *+	10 U
Methylene chloride	5		1 U	1.0 U	1.0 U	1.0 U	1.0 U *+	1.0 U
Styrene	5		1 U	1.0 U	1.0 U	1.0 U	1.0 U *+	1.0 U
Tetrachloroethene	5		1 U	1.0 U	1.0 U	1.0 U	1.0 U *+	1.0 U
Toluene	5		1.9	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
trans-1,2-Dichloroethene	5		1 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
trans-1,3-Dichloropropene	0.4		1 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Trichloroethene	5		1 U	0.55 J	1.0 U	1.0 U	1.0 U	1.0 U
Vinyl chloride	2		1 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Xylenes, Total	5		2 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U

NOTES:
U - not detected, J - estimated, D - Diluted Result, H - Holding time exceeded, R - unusable, NS - no standard, Dup - duplicate sample,
--- Not analyzed, F - MS and/or MSD recovery/RPD exceeds the control limits
[ ] - Exceeds NYS Class GA Ground Water Qaulity Standard
Trip Blank associated with samples collected on 10/29/07 contained Acetone and Methylene Chloride.
Data have not been validated

RAMBOLL

Table 4
Groundwater Data - VOCs
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW Stds (ug/l)	Location ID	MW-08S	MW-08S	MW-08S	MW-08S	MW-08S	MW-08S
		Depth Interval	-	-	-	-	-	-
		Sample Date	9/14/1995	11/14/1995	7/23/1997	9/18/1997	2/18/2000	8/16/2001
		Sample ID	MW-08S_WG_091495	MW-08S_WG_111495	MW-08S_WG_072397	MW-08S_WG_091897	MW-08S_WG_021800	MW-08S_WG_081601
			ug/l	ug/l	ug/l	ug/l	ug/l	ug/l
1,1,1-Trichloroethane	5		10 U	10 U	1 U	1 U	0.5 U	0.5 U
1,1,2,2-Tetrachloroethane	5		10 U	10 U	1 U	1 U	0.5 U	0.5 U
1,1,2-Trichloroethane	1		10 U	10 U	1 U	1 U	0.5 U	0.5 U
1,1-Dichloroethane	5		10 U	10 U	1 U	1 U	0.5 U	0.5 U
1,1-Dichloroethene	5		10 U	10 U	1 U	1 U	0.3 J	0.1 J
1,2-Dichloroethane	0.6		10 U	10 U	1 U	1 U	0.5 U	0.5 U
1,2-Dichloroethene (Total)	5		**[13]**	**[11]**	**[8.7]**	**[8.2]**	---	---
1,2-Dichloropropane	1		10 U	10 U	1 U	1 U	0.5 U	0.5 U
2-Hexanone	50		10 UJ	10 U	2 U	2 U	5 U	5 U
4-Methyl-2-pentanone	NS		10 U	10 U	2 U	2 U	5 U	5 U
Acetone	50		10 UJ	10 UJ	2 U	2 U	10 J	10 J
Benzene	1		10 U	10 U	1 U	1 U	0.5 U	0.5 U
Bromodichloromethane	50		10 U	10 U	1 U	1 U	0.5 U	0.5 U
Bromoform	50		10 U	10 UJ	1 U	1 U	0.5 U	0.5 U
Bromomethane	5		10 U	10 U	2 U	2 U	1 U	1 U
Carbon disulfide	60		10 U	10 U	1 U	1 U	0.5 U	0.5 U
Carbon tetrachloride	5		10 U	10 U	1 U	1 U	0.5 U	0.5 UJ
Chlorobenzene	5		10 U	10 U	1 U	1 U	0.5 U	0.5 U
Chloroethane	5		10 U	10 U	1 U	1 U	1 U	1 UJ
Chloroform	7		10 UJ	10 U	1 U	1 U	0.5 U	0.5 U
cis-1,2-Dichloroethene	5		---	---	---	---	**[9]**	**[7]**
cis-1,3-Dichloropropene	0.4		10 U	10 U	1 U	1 U	0.5 U	0.5 U
Dibromochloromethane	50		10 U	10 U	1 U	1 U	0.5 U	0.5 U
Ethylbenzene	5		10 U	10 U	1 U	1 U	0.5 U	0.5 U
Methyl chloride	5		10 UJ	10 U	1 U	1 U	1 U	1 U
Methyl ethyl ketone	50		10 UJ	10 U	4 U	4 U	10 U	10 U
Methylene chloride	5		10 UJ	10 U	1 U	1 U	2 J	2 J
Styrene	5		10 U	10 U	1 U	1 U	0.5 U	0.5 U
Tetrachloroethene	5		10 U	10 U	1 U	1 U	0.5 U	0.5 U
Toluene	5		10 U	10 U	1 U	1 U	0.5 U	0.5 U
trans-1,2-Dichloroethene	5		---	---	---	---	0.5 J	0.1 J
trans-1,3-Dichloropropene	0.4		10 U	10 U	1 U	1 U	0.5 U	0.5 U
Trichloroethene	5		2	2	1.7	1.6	3	1
Vinyl chloride	2		**[3]**	10 U	**[2.3]**	**[2]**	**[3]**	**[2]**
Xylenes, Total	5		10 U	10 U	1 U	1 U	0.5 U	0.5 U

NOTES:
U - not detected, J - estimated, D - Diluted Result, H - Holding time exceeded, R - unusable, NS - no standard, Dup - duplicate sample,
--- Not analyzed, F - MS and/or MSD recovery/RPD exceeds the control limits
[ ] - Exceeds NYS Class GA Ground Water Qaulity Standard
Trip Blank associated with samples collected on 10/29/07 contained Acetone and Methylene Chloride.
Data have not been validated

Table 4
Groundwater Data - VOCs
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW Stds (ug/l)	Location ID	MW-08S	MW-08S	MW-08S	MW-08S	MW-08S	MW-08S
		Depth Interval	-	-	-	-	-	-
		Sample Date	11/28/2001	2/25/2002	5/16/2002	7/30/2003	2/3/2004	5/17/2004
		Sample ID	MW-08S_WG_112801	MW-08S_WG_022502	MW-08S_WG_051602	MW-08S_WG_073003	MW-08S_WG_020304	MW-08S_WG_051704
			ug/l	ug/l	ug/l	ug/l	ug/l	ug/l
1,1,1-Trichloroethane	5		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1,2,2-Tetrachloroethane	5		0.5 UJ	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1,2-Trichloroethane	1		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1-Dichloroethane	5		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1-Dichloroethene	5		0.5 U	0.5 U	0.5 U	0.5 U	0.1 J	0.5 U
1,2-Dichloroethane	0.6		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,2-Dichloroethene (Total)	5		---	---	---	---	---	---
1,2-Dichloropropane	1		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
2-Hexanone	50		5 U	5 U	5 U	5 U	5 U	5 U
4-Methyl-2-pentanone	NS		5 U	5 U	5 U	5 U	5 U	5 U
Acetone	50		10 U	10 U	10 U	1 J	10 U	1 J
Benzene	1		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Bromodichloromethane	50		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Bromoform	50		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Bromomethane	5		1 U	1 U	1 UJ	1 U	1 U	1 U
Carbon disulfide	60		10	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Carbon tetrachloride	5		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Chlorobenzene	5		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Chloroethane	5		1 U	1 U	1 U	1 U	1 U	1 U
Chloroform	7		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
cis-1,2-Dichloroethene	5		**[5]**	**[5]**	4	**[5]**	**[5]**	**[5]**
cis-1,3-Dichloropropene	0.4		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Dibromochloromethane	50		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Ethylbenzene	5		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Methyl chloride	5		1 U	1 U	1 U	1 U	1 U	1 U
Methyl ethyl ketone	50		10 U	10 U	10 U	10 U	10 U	10 U
Methylene chloride	5		2 U	2 U	2 U	2 U	2 U	2 U
Styrene	5		0.5 U	0.5 UJ	0.5 U	0.5 U	0.5 U	0.5 U
Tetrachloroethene	5		0.2 J	0.9	1	0.4 J	0.7	0.6
Toluene	5		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
trans-1,2-Dichloroethene	5		0.1 J	0.5 U	0.1 J	0.1 J	0.2 J	0.2 J
trans-1,3-Dichloropropene	0.4		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Trichloroethene	5		3	**[6]**	**[6]**	3	**[5]**	3
Vinyl chloride	2		1	1	1 J	**[2]**	0.9 J	1
Xylenes, Total	5		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U

NOTES:
U - not detected, J - estimated, D - Diluted Result, H - Holding time exceeded, R - unusable, NS - no standard, Dup - duplicate sample,
--- Not analyzed, F - MS and/or MSD recovery/RPD exceeds the control limits
[ ] - Exceeds NYS Class GA Ground Water Qaulity Standard
Trip Blank associated with samples collected on 10/29/07 contained Acetone and Methylene Chloride.
Data have not been validated

Table 4
Groundwater Data - VOCs
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW Stds (ug/l)	Location ID	MW-08S	MW-08S	MW-08S	MW-08S	MW-08S	MW-08S
		Depth Interval	-	-	-	-	-	-
		Sample Date	8/4/2004	11/16/2004	2/15/2005	4/19/2005	9/7/2005	11/16/2005
		Sample ID	MW-08S_WG_080404	MW-08S_WG_111604	MW-08S_WG_021505	MW-08S_WG_041905	MW-8S_09072005	MW-8S_11162005
			ug/l	ug/l	ug/l	ug/l	ug/l	ug/l
1,1,1-Trichloroethane	5		0.5 U	0.5 U	0.5 U	0.5 U	0.50 U	0.50 U
1,1,2,2-Tetrachloroethane	5		0.5 U	0.5 U	0.5 U	0.5 U	0.50 U	0.50 U
1,1,2-Trichloroethane	1		0.5 U	0.5 U	0.5 U	0.5 U	0.50 U	0.50 U
1,1-Dichloroethane	5		0.5 U	0.5 U	0.5 U	0.5 U	0.50 U	0.50 U
1,1-Dichloroethene	5		0.5 U	0.5 U	0.5 U	0.5 U	0.50 U	0.50 U
1,2-Dichloroethane	0.6		0.5 U	0.5 U	0.5 U	0.5 U	0.50 U	0.50 U
1,2-Dichloroethene (Total)	5		---	---	---	---	---	---
1,2-Dichloropropane	1		0.5 U	0.5 U	0.5 U	0.5 U	0.50 U	0.50 U
2-Hexanone	50		5 U	5 U	5 U	5 U	5.00 U	5.00 U
4-Methyl-2-pentanone	NS		5 U	5 U	5 U	5 U	5.00 U	5.00 U
Acetone	50		10 U	10 U	3 J	10 U	1.73 J	10.0 U
Benzene	1		0.5 U	0.5 U	0.5 U	0.5 U	0.50 U	0.50 U
Bromodichloromethane	50		0.5 U	0.5 U	0.5 U	0.5 U	0.50 U	0.50 U
Bromoform	50		0.5 U	0.5 U	0.5 U	0.5 U	0.50 U	0.50 U
Bromomethane	5		1 U	1 U	1 U	1 U	1.00 U	1.00 U
Carbon disulfide	60		0.5 U	0.5 U	0.5 U	0.5 U	0.50 U	0.50 U
Carbon tetrachloride	5		0.5 U	0.5 U	0.5 U	0.5 U	0.50 U	0.50 U
Chlorobenzene	5		0.5 U	0.5 U	0.5 U	0.5 U	0.50 U	0.50 U
Chloroethane	5		1 U	1 U	1 U	1 U	1.00 U	1.00 U
Chloroform	7		0.5 U	0.5 U	0.5 U	0.5 U	0.50 U	0.50 U
cis-1,2-Dichloroethene	5		3	4	4	4	2.56	3.76
cis-1,3-Dichloropropene	0.4		0.5 U	0.5 U	0.5 U	0.5 U	0.50 U	0.50 U
Dibromochloromethane	50		0.5 U	0.5 U	0.5 U	0.5 U	0.50 U	0.50 U
Ethylbenzene	5		0.5 U	0.5 U	0.5 U	0.5 U	0.50 U	0.50 U
Methyl chloride	5		1 U	1 U	1 U	1 U	1.00 U	1.00 U
Methyl ethyl ketone	50		10 U	10 U	10 U	10 U	10.0 U	10.0 U
Methylene chloride	5		2 U	2 U	2 U	2 U	2.00 U	2.00 U
Styrene	5		0.5 U	0.5 U	0.5 U	0.5 U	0.50 U	0.50 U
Tetrachloroethene	5		0.7	0.6	1	0.9	0.85	1.02
Toluene	5		0.5 U	0.5 U	0.5 U	0.5 U	0.50 U	0.50 U
trans-1,2-Dichloroethene	5		0.1 J	0.2 J	0.2 J	0.2 J	0.12 J	0.18 J
trans-1,3-Dichloropropene	0.4		0.5 U	0.5 U	0.5 U	0.5 U	0.50 U	0.50 U
Trichloroethene	5		3	3	**[5]**	**[5]**	3.56	4.39
Vinyl chloride	2		0.3 J	0.2 J	0.2 J	0.7 J	0.11 J	1.00 U
Xylenes, Total	5		0.5 U	0.5 U	0.5 U	0.5 U	1.00 U	1.00 U

NOTES:
U - not detected, J - estimated, D - Diluted Result, H - Holding time exceeded, R - unusable, NS - no standard, Dup - duplicate sample,
--- Not analyzed, F - MS and/or MSD recovery/RPD exceeds the control limits
[ ] - Exceeds NYS Class GA Ground Water Qaulity Standard
Trip Blank associated with samples collected on 10/29/07 contained Acetone and Methylene Chloride.
Data have not been validated

RAMBOLL

Table 4
Groundwater Data - VOCs
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW Stds (ug/l)	Location ID / Depth Interval / Sample Date / Sample ID	MW-08S - 4/26/2006 MW-8S_04262006 ug/l	MW-08S - 11/15/2006 MW-8S_11152006 ug/l	MW-08S - 5/2/2007 MW-8S_050207 ug/l	MW-08S - 11/1/2007 MW8-S-110107 ug/l	MW-08S 5/22/2008 MW8-S-052208 ug/l	MW-08S 11/18/2008 MW8-S-111808 ug/l
1,1,1-Trichloroethane	5		0.50 U	0.50 U	0.5 U	0.5 HU	0.5 U	0.5 U
1,1,2,2-Tetrachloroethane	5		0.50 U	0.50 U	0.5 U	0.5 HU	0.5 U	0.5 U
1,1,2-Trichloroethane	1		0.50 U	0.50 U	0.5 U	0.5 HU	0.5 U	0.5 U
1,1-Dichloroethane	5		0.50 U	0.50 U	0.5 U	0.5 HU	0.5 U	0.5 U
1,1-Dichloroethene	5		0.50 U	0.50 U	0.5 U	0.5 HU	0.5 U	0.5 U
1,2-Dichloroethane	0.6		0.50 U	0.50 U	0.5 U	0.5 HU	0.5 U	0.5 U
1,2-Dichloroethene (Total)	5		---	---	---	---	---	---
1,2-Dichloropropane	1		0.50 U	0.50 U	0.5 U	0.5 HU	0.5 U	0.5 U
2-Hexanone	50		5.00 U	5.00 U	5 U	5 HU	5 U	5 U
4-Methyl-2-pentanone	NS		5.00 U	5.00 U	5 U	5 HU	5 U	5 U
Acetone	50		10.0 U	10.0 U	10 U	10 HU	10 U	10 U
Benzene	1		0.50 U	0.50 U	0.5 U	0.5 HU	0.5 U	0.5 U
Bromodichloromethane	50		0.50 U	0.50 U	0.5 U	0.5 HU	0.5 U	0.5 U
Bromoform	50		0.50 U	0.50 U	0.5 U	0.5 HU	1 U	1 U
Bromomethane	5		1.00 U	1.00 U	1 U	1 HU	1 U	1 U
Carbon disulfide	60		0.50 U	0.50 U	0.5 U	0.5 HU	0.5 U	0.5 U
Carbon tetrachloride	5		0.50 U	0.50 U	0.5 U	0.5 HU	0.5 U	0.5 U
Chlorobenzene	5		0.50 U	0.50 U	0.5 U	0.5 HU	0.5 U	0.5 U
Chloroethane	5		1.00 U	1.00 U	1 U	1 HU	1 U	1 U
Chloroform	7		0.50 U	0.50 U	0.5 U	0.5 HU	0.5 U	0.5 U
cis-1,2-Dichloroethene	5		2.44	2.5	2.79	1.27 H	1.45	1.48
cis-1,3-Dichloropropene	0.4		0.50 U	0.50 U	0.5 U	0.5 HU	0.5 U	0.5 U
Dibromochloromethane	50		0.50 U	0.50 U	0.5 U	0.5 HU	0.5 U	0.5 U
Ethylbenzene	5		0.50 U	0.50 U	0.5 U	0.5 HU	0.5 U	0.5 U
Methyl chloride	5		1.00 U	1 U	1 U	1 HU	1 U	1 U
Methyl ethyl ketone	50		10.0 U	10 U	10 U	10 HU	10 U	10 U
Methylene chloride	5		2.00 U	2.00 U	2 U	2 HU	2 U	2 U
Styrene	5		0.50 U	0.50 U	0.5 U	0.5 HU	0.5 U	0.5 U
Tetrachloroethene	5		1.06	1.04	0.93	0.7 H	1.14	1.18
Toluene	5		0.50 U	0.50 U	0.5 U	0.5 HU	0.5 U	0.5 U
trans-1,2-Dichloroethene	5		0.12 J	0.14 J	0.16 J	0.5 HU	0.5 U	0.11 J
trans-1,3-Dichloropropene	0.4		0.50 U	0.50 U	0.5 U	0.5 HU	0.5 U	0.5 U
Trichloroethene	5		4.1	3.7	3.29	2.37 H	3.83	3.79
Vinyl chloride	2		0.15 J	1.00 U	0.44 J	1 HU	1 U	1 U
Xylenes, Total	5		1.00 U	1.00 U	1 U	1 HU	1 U	1 U

NOTES:
U - not detected, J - estimated, D - Diluted Result, H - Holding time exceeded, R - unusable, NS - no standard, Dup - duplicate sample,
--- Not analyzed, F - MS and/or MSD recovery/RPD exceeds the control limits
[ ] - Exceeds NYS Class GA Ground Water Qaulity Standard
Trip Blank associated with samples collected on 10/29/07 contained Acetone and Methylene Chloride.
Data have not been validated

Table 4
Groundwater Data - VOCs
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW Stds (ug/l)	Location ID	MW-08S	MW-08S	MW-08S	MW-08S	MW-08S	MW-08S
		Depth Interval	-	-	-	-	-	
		Sample Date	10/20/2009	05/18/2010	01/18/2011	4/19/2011	7/27/2011	10/25/2011
		Sample ID	MW-8S-10202009	W-8S-0518100518201	MW-8S-01182011	MW-8S-041911	MW-8S072711	MW8S102511
			ug/l	ug/l	ug/l	ug/l	ug/l	ug/l
1,1,1-Trichloroethane	5		1 U	1 U	1 U	1 U	1 U	1 U
1,1,2,2-Tetrachloroethane	5		1 U	1 U	1 U	1 U	1 U	1 U
1,1,2-Trichloroethane	1		1 U	1 U	1 U	1 U	1 U	1 U
1,1-Dichloroethane	5		1 U	1 U	1 U	1 U	1 U	1 U
1,1-Dichloroethene	5		1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichloroethane	0.6		1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichloroethene (Total)	5		---	1 U	---	---	---	---
1,2-Dichloropropane	1		1 U	1 U	1 U	1 U	1 U	1 U
2-Hexanone	50		5 U	5 U	5 U	5 U	5 U	5 U
4-Methyl-2-pentanone	NS		5 U	5 U	5 U	5 U	5 U	5 U
Acetone	50		5 U	5 U	10 U	10 U	10 U	10 U
Benzene	1		1 U	1 U	1 U	1 U	1 U	1 U
Bromodichloromethane	50		1 U	1 U	1 U	1 U	1 U	1 U
Bromoform	50		1 U	1 U	1 U	1 U	1 U	1 U
Bromomethane	5		1 U	1 U	1 U	1 U	1 U	1 U
Carbon disulfide	60		1 U	1 U	1 U	1 U	1 U	1 U
Carbon tetrachloride	5		1 U	1 U	1 U	1 U	1 U	1 U
Chlorobenzene	5		1 U	1 U	1 U	1 U	1 U	1 U
Chloroethane	5		1 U	1 U	1 U	1 U	1 U	1 U
Chloroform	7		1 U	1 U	1 U	1 U	1 U	1 U
cis-1,2-Dichloroethene	5		0.6 J	1.8	3.4	2.3	1.2	2
cis-1,3-Dichloropropene	0.4		1 U	1 U	1 U	1 U	1 U	1 U
Dibromochloromethane	50		1 U	1 U	1 U	1 U	1 U	1 U
Ethylbenzene	5		1 U	1 U	1 U	1 U	1 U	1 U
Methyl chloride	5		---	5 U	1 U	1 U	1 U	1 U
Methyl ethyl ketone	50		---	1 U	10 U	10 U	10 U	10 U
Methylene chloride	5		1 U	1 U	1 U	1 U	1 U	1 U
Styrene	5		1 U	1 U	1 U	1 U	1 U	1 U
Tetrachloroethene	5		1 U	1.4	0.78 J	1	1 U	1
Toluene	5		2	1 U	1 U	1 U	1.3	1 U
trans-1,2-Dichloroethene	5		1 U	1 U	1 U	1 U	1 U	1 U
trans-1,3-Dichloropropene	0.4		1 U	1 U	1 U	1 U	1 U	1 U
Trichloroethene	5		1.1	4.9	3.3	**[5]**	1.4	4
Vinyl chloride	2		1 U	1 U	1.3	1 U	1 U	1 U
Xylenes, Total	5		2 U	2 U	2 U	2 U	2 U	2 U

NOTES:
U - not detected, J - estimated, D - Diluted Result, H - Holding time exceeded, R - unusable, NS - no standard, Dup - duplicate sample,
--- Not analyzed, F - MS and/or MSD recovery/RPD exceeds the control limits
[ ] - Exceeds NYS Class GA Ground Water Qaulity Standard
Trip Blank associated with samples collected on 10/29/07 contained Acetone and Methylene Chloride.
Data have not been validated

Table 4
Groundwater Data - VOCs
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW Stds (ug/l)	Location ID / Depth Interval / Sample Date / Sample ID	MW-08S / - / 3/21/2012 / MW8S032112 ug/l	MW-8S / - / 8/8/2012 / MW8S080812 ug/l	MW-8S / - / 12/18/2012 / MW-8S-121812 ug/l	MW-8S / - / 5/22/2013 / MW-8S-052313 ug/l	MW-8S / - / 8/20/2013 / MW-8S-082013 ug/l	X-1-082013 / - / 8/20/2013 / MW-8S-082013 ug/l
1,1,1-Trichloroethane	5		1 U	1 U	1 U	1 U	1 U	1 U
1,1,2,2-Tetrachloroethane	5		1 U	1 U	1 U	1 U	1 U	1 U
1,1,2-Trichloroethane	1		1 U	1 U	1 U	1 U	1 U	1 U
1,1-Dichloroethane	5		1 U	1 U	1 U	1 U	1 U	1 U
1,1-Dichloroethene	5		1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichloroethane	0.6		1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichloroethene (Total)	5		---	---	---	---	---	---
1,2-Dichloropropane	1		1 U	1 U	1 U	1 U	1 U	1 U
2-Hexanone	50		5 U	5 U	5 U	5 U	5 U	5 U
4-Methyl-2-pentanone	NS		5 U	5 U	5 U	5 U	5 U	5 U
Acetone	50		10 U	10 U	10 U	10 U	10 U	10 U
Benzene	1		1 U	1 U	1 U	1 U	1 U	1 U
Bromodichloromethane	50		1 U	1 U	1 U	1 U	1 U	1 U
Bromoform	50		1 U	1 U	1 U	1 U	1 U	1 U
Bromomethane	5		1 U	1 U	1 U	1 U	1 U	1 U
Carbon disulfide	60		1 U	1 U	1 U	1 U	1 U	1 U
Carbon tetrachloride	5		1 U	1 U	1 U	1 U	1 U	1 U
Chlorobenzene	5		1 U	1 U	1 U	1 U	1 U	1 U
Chloroethane	5		1 U	1 U	1 U	1 U	1 U	1 U
Chloroform	7		1 U	1 U	1 U	1 U	1 U	1 U
cis-1,2-Dichloroethene	5		4	2.8	2.6	4.2	3.9	3.8
cis-1,3-Dichloropropene	0.4		1 U	1 U	1 U	1 U	1 U	1 U
Dibromochloromethane	50		1 U	1 U	1 U	1 U	1 U	1 U
Ethylbenzene	5		1 U	1 U	1 U	1 U	1 U	1 U
Methyl chloride	5		1 U	1 U	1 U	1 U	1 U	1 U
Methyl ethyl ketone	50		10 U	10 U	10 U	10 U	10 U	10 U
Methylene chloride	5		1 U	1 U	1 U	1 U	1 U	1 U
Styrene	5		1 U	1 U	1 U	1 U	1 U	1 U
Tetrachloroethene	5		0.85 J	0.76 J	0.94 J	0.56 J	0.43 J	0.47 J
Toluene	5		1 U	1 U	1 U	1 U	1 U	1 U
trans-1,2-Dichloroethene	5		1 U	1 U	1 U	1 U	1 U	1 U
trans-1,3-Dichloropropene	0.4		1 U	1 U	1 U	1 U	1 U	1 U
Trichloroethene	5		3.8	3	4.3	2.7	2.8	2.7
Vinyl chloride	2		0.93 J	1 U	1 U	1.4	1	1.1
Xylenes, Total	5		2 U	2 U	2 U	2 U	2 U	2 U

NOTES:
U - not detected, J - estimated, D - Diluted Result, H - Holding time exceeded, R - unusable, NS - no standard, Dup - duplicate sample,
--- Not analyzed, F - MS and/or MSD recovery/RPD exceeds the control limits
[ ] - Exceeds NYS Class GA Ground Water Qaulity Standard
Trip Blank associated with samples collected on 10/29/07 contained Acetone and Methylene Chloride.
Data have not been validated

RAMBOLL

Table 4
Groundwater Data - VOCs
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW Stds (ug/l)	Location ID / Depth Interval / Sample Date / Sample ID	MW-8S - 12/17/2013 MW-8S-121713 ug/l	MW-8S - 3/26/2014 MW-8S-032614 ug/l	MW-8S - 6/11/2014 MW-8S-061114 ug/l	MW-8S - 9/24/2014 MW8S092414 ug/l	MW-8S - 12/10/2014 MW 8S 121014 ug/l	MW-8S - 3/17/2015 MW8S 031715 ug/l
1,1,1-Trichloroethane	5		1 U	1 U	1 U	1 U	1 U*	1 U
1,1,2,2-Tetrachloroethane	5		1 U	1 U	1 U	1 U	1 U	1 U
1,1,2-Trichloroethane	1		1 U	1 U	1 U	1 U	1 U	1 U
1,1-Dichloroethane	5		1 U	1 U	1 U	1 U	1 U	1 U
1,1-Dichloroethene	5		1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichloroethane	0.6		1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichloroethene (Total)	5		---	---	---	---	---	---
1,2-Dichloropropane	1		1 U	1 U	1 U	1 U	1 U	1 U
2-Hexanone	50		5 U	5 U	5 U	5 U	5 U	5 U
4-Methyl-2-pentanone	NS		5 U	5 U	5 U	5 U	5 U	5 U
Acetone	50		10 U	10 U	10 U	10 U	10 U	10 U
Benzene	1		1 U	1 U	1 U	1 U	1 U	1 U
Bromodichloromethane	50		1 U	1 U	1 U	1 U	1 U	1 U
Bromoform	50		1 U	1 U	1 U	1 U	1 U*	1 U
Bromomethane	5		1 U	1 U	1 U	1 U	1 U	1 U
Carbon disulfide	60		1 U	1 U	1 U	1 U	1 U	1 U
Carbon tetrachloride	5		1 U	1 U	1 U	1 U	1 U	1 U
Chlorobenzene	5		1 U	1 U	1 U	1 U	1 U	1 U
Chloroethane	5		1 U	1 U	1 U	1 U	1 U	1 U
Chloroform	7		1 U	1 U	1 U	1 U	1 U	1 U
cis-1,2-Dichloroethene	5		3.3	1.3	2.7	2.2	2.2	1.2
cis-1,3-Dichloropropene	0.4		1 U	1 U	1 U	1 U	1 U	1 U
Dibromochloromethane	50		1 U	1 U	1 U	1 U	1 U*	1 U
Ethylbenzene	5		1 U	1 U	1 U	1 U	1 U	1 U
Methyl chloride	5		1 U	1 U	1 U	1 U	1 U	1 U
Methyl ethyl ketone	50		10 U	10 U	10 U	10 U	10 U	10 U
Methylene chloride	5		1 U	1 U	1 U	1 U	1 U	1 U
Styrene	5		1 U	1 U	1 U	1 U	1 U	1 U
Tetrachloroethene	5		0.64J	0.66 J	0.89 J	0.63 J	0.72 J	0.76 J
Toluene	5		1 U	1 U	1 U	1 U	1 U	1 U
trans-1,2-Dichloroethene	5		1 U	1 U	1 U	1 U	1 U	1 U
trans-1,3-Dichloropropene	0.4		1 U	1 U	1 U	1 U	1 U	1 U
Trichloroethene	5		3.6	2.7	4.5	3.1	3.7	2.8
Vinyl chloride	2		1 U	1 U	1 U	1 U	1 U	1 U
Xylenes, Total	5		2 U	2 U	2 U	2 U	2 U	2 U

NOTES:
U - not detected, J - estimated, D - Diluted Result, H - Holding time exceeded, R - unusable, NS - no standard, Dup - duplicate sample,
--- Not analyzed, F - MS and/or MSD recovery/RPD exceeds the control limits
[ ] - Exceeds NYS Class GA Ground Water Qaulity Standard
Trip Blank associated with samples collected on 10/29/07 contained Acetone and Methylene Chloride.
Data have not been validated

RAMBOLL

Table 4
Groundwater Data - VOCs
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW Stds (ug/l)	Location ID / Depth Interval / Sample Date / Sample ID	MW-8S - 6/24/2015 MW8S 062415 ug/l	MW-8S - 9/23/2015 MW8S 092315 ug/l	MW-8S - 1/13/2016 MW8S 011316 ug/l	MW-8S - 3/29/2016 MW8S 032916 ug/l	MW-8S - 6/22/2016 MW8S 062216 ug/l	MW-8S - 9/21/2016 MW8S 092116 ug/l
1,1,1-Trichloroethane	5		1 U	1 U	1 U	1 U	1 U	1 U
1,1,2,2-Tetrachloroethane	5		1 U	1 U	1 U	1 U	1 U	1 U
1,1,2-Trichloroethane	1		1 U	1 U	1 U	1 U	1 U	1 U
1,1-Dichloroethane	5		1 U	1 U	1 U	1 U	1 U	1 U
1,1-Dichloroethene	5		1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichloroethane	0.6		1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichloroethene (Total)	5		---	---	---	----	---	---
1,2-Dichloropropane	1		1 U	1 U	1 U	1 U	1 U	1 U
2-Hexanone	50		5 U	5 U	5 U	5 U	5 U	5 U
4-Methyl-2-pentanone	NS		5 U	5 U	5 U	5 U	5 U	5 U
Acetone	50		10 U	10 U	10 U *	10 U	10 U	10 U
Benzene	1		1 U	1 U	1 U	1 U	1 U	1 U
Bromodichloromethane	50		1 U	1 U	1 U	1 U	1 U	1 U
Bromoform	50		1 U	1 U	1 U	1 U	1 U	1 U
Bromomethane	5		1 U	1 U	1 U	1 U	1 U	1 U
Carbon disulfide	60		1 U	1 U	1 U	1 U	1 U	1 U
Carbon tetrachloride	5		1 U	1 U	1 U	1 U*	1 U	1 U
Chlorobenzene	5		1 U	1 U	1 U	1 U	1 U	1 U
Chloroethane	5		1 U	1 U	1 U	1 U	1 U	1 U
Chloroform	7		1 U	1 U	1 U	1 U	1 U	1 U
cis-1,2-Dichloroethene	5		2.3	2.8	2.2	2.4	2.7	1 U
cis-1,3-Dichloropropene	0.4		1 U	1 U	1 U	1 U	1 U	1 U
Dibromochloromethane	50		1 U	1 U	1 U	1 U	1 U	1 U
Ethylbenzene	5		1 U	1 U	1 U	1 U	1 U	1 U
Methyl chloride	5		1 U	1 U	1 U	1 U	1 U	1 U
Methyl ethyl ketone	50		10 U	10 U	10 U	10 U	10 U	10 U
Methylene chloride	5		1 U	1 U	1 U	1 U	1 U	1 U
Styrene	5		1 U	1 U	1 U	1 U	1 U	1 U
Tetrachloroethene	5		0.77 J	0.55 J	0.73 J	0.89 J	0.72 J	1 U
Toluene	5		1 U	1 U	1 U	1 U	1 U	1 U
trans-1,2-Dichloroethene	5		1 U	1 U	1 U	1 U	1 U	1 U
trans-1,3-Dichloropropene	0.4		1 U	1 U	1 U	1 U*	1 U	1 U
Trichloroethene	5		3.6	3.3	3.5	4.5	3.1	1.1
Vinyl chloride	2		1 U	1 U	1 U	1 U	1 U	1 U
Xylenes, Total	5		2 U	2 U	2 U	2 U	2 U	2 U

NOTES:
U - not detected, J - estimated, D - Diluted Result, H - Holding time exceeded, R - unusable, NS - no standard, Dup - duplicate sample,
--- Not analyzed, F - MS and/or MSD recovery/RPD exceeds the control limits
[ ] - Exceeds NYS Class GA Ground Water Qaulity Standard
Trip Blank associated with samples collected on 10/29/07 contained Acetone and Methylene Chloride.
Data have not been validated

Table 4
Groundwater Data - VOCs
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW Stds (ug/l)	Location ID / Depth Interval / Sample Date / Sample ID	MW-8S - 12/21/2016 MW8S 122116 ug/l	MW-8S - 4/12/2017 MW8S 041217 ug/l	MW-8S - 6/28/2017 MW8S 062817 ug/l	MW-8S - 9/13/2017 MW8S 091317 ug/l	MW-8S - 12/20/217 MW8S 122017 ug/l	MW-08S - 3/14/2018 MW 8S 031418 ug/l
1,1,1-Trichloroethane	5		1 U	1 U	1 U	1 U	1.0 U	1.0 U
1,1,2,2-Tetrachloroethane	5		1 U	1 U	1 U	1 U F1	1.0 U	1.0 U
1,1,2-Trichloroethane	1		1 U	1 U	1 U	1 U F1	1.0 U	1.0 U
1,1-Dichloroethane	5		1 U	1 U	1 U	1 U F1	1.0 U	1.0 U
1,1-Dichloroethene	5		1 U	1 U	1 U	1 U	1.0 U	1.0 U
1,2-Dichloroethane	0.6		1 U	1 U	1 U	1 U F1	1.0 U	1.0 U
1,2-Dichloroethene (Total)	5		---	---	---	---	---	---
1,2-Dichloropropane	1		1 U	1 U	1 U	1 U F1	1.0 U	1.0 U
2-Hexanone	50		5 U	5 U	5 U	5 U F1	5.0 U	5.0 U
4-Methyl-2-pentanone	NS		5 U	5 U	5 U	5 U F1	5.0 U	5.0 U
Acetone	50		10 U	10 U	10 U	10 U	10 U	10 U
Benzene	1		1 U	1 U	1 U	1 U F1	1.0 U	1.0 U
Bromodichloromethane	50		1 U	1 U	1 U	1 U F1	1.0 U	1.0 U
Bromoform	50		1 U	1 U	1 U	1 U	1.0 U	1.0 U
Bromomethane	5		1 U	1 U	1 U	1 U	1.0 U	1.0 U
Carbon disulfide	60		1 U	1 U	1 U	1 U	1.0 U	1.0 U
Carbon tetrachloride	5		1 U	1 U	1 U	1 U	1.0 U	1.0 U
Chlorobenzene	5		1 U	1 U	1 U	1 U F1	1.0 U	1.0 U
Chloroethane	5		1 U	1 U	1 U	1 U	1.0 U	1.0 U
Chloroform	7		1 U	1 U	1 U	1 U	1.0 U	1.0 U
cis-1,2-Dichloroethene	5		2.1	2.1	2.1	3	1.0 U	2.1
cis-1,3-Dichloropropene	0.4		1 U	1 U	1 U	1 U	1.0 U	1.0 U
Dibromochloromethane	50		1 U	1 U	1 U	1 U F1	1.0 U	1.0 U
Ethylbenzene	5		1 U	1 U	1 U	1 U F1	1.0 U	1.0 U
Methyl chloride	5		1 U	1 U	1 U	1 U F1	1.0 U	1.0 U
Methyl ethyl ketone	50		10 U *	10 U	10 U	10 U	10 U	10 U
Methylene chloride	5		1 U	1 U	1 U	1 U	1.0 U	1.0 U
Styrene	5		1 U	1 U	1 U	1 U F1	1.0 U	1.0 U
Tetrachloroethene	5		0.55 J	0.61 J	0.58 J	0.74 J	0.86 J	0.65 J
Toluene	5		1 U	1 U	1 U	1 U F1	1.0 U	1.0 U
trans-1,2-Dichloroethene	5		1 U	1 U	1 U	1 U	1.0 U	1.0 U
trans-1,3-Dichloropropene	0.4		1 U	1 U	1 U	1 U F1	1.0 U	1.0 U
Trichloroethene	5		2.4	3.5	3.1	3	3.3	2.6
Vinyl chloride	2		1 U	1 U	1 U	1 U	1.0 U	1.0 U
Xylenes, Total	5		2 U	2 U	2 U	2 U F1	2.0 U	2.0 U

NOTES:
U - not detected, J - estimated, D - Diluted Result, H - Holding time exceeded, R - unusable, NS - no standard, Dup - duplicate sample,
--- Not analyzed, F - MS and/or MSD recovery/RPD exceeds the control limits
[ ] - Exceeds NYS Class GA Ground Water Qaulity Standard
Trip Blank associated with samples collected on 10/29/07 contained Acetone and Methylene Chloride.
Data have not been validated

RAMBOLL

Table 4
Groundwater Data - VOCs
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW Stds (ug/l)	Location ID / Depth Interval / Sample Date / Sample ID	MW-08S - 6/19/2018 MW 8S 061918 ug/l	MW-08S - 9/18/2018 MW 8S 061918 ug/l	MW-08S - 11/28/2018 MW-8S-112818 ug/l	MW-08S - 3/19/2019 MW-8S-031919 ug/l	MW-08S - 6/20/2019 MW-8S-062019 ug/l	MW-08S - 9/24/2019 MW-8S-092419 ug/l
1,1,1-Trichloroethane	5		1.0 U	1.0 U	1 U	1 U	1 U	1 U
1,1,2,2-Tetrachloroethane	5		1.0 U	1.0 U	1 U	1 U	1 U	1 U
1,1,2-Trichloroethane	1		1.0 U	1.0 U	1 U	1 U	1 U	1 U
1,1-Dichloroethane	5		1.0 U	1.0 U	1 U	1 U	1 U	1 U
1,1-Dichloroethene	5		1.0 U	1.0 U	1 U	1 U	1 U	1 U
1,2-Dichloroethane	0.6		1.0 U	1.0 U	1 U	1 U	1 U	1 U
1,2-Dichloroethene (Total)	5		---	---	---	---	---	---
1,2-Dichloropropane	1		1.0 U	1.0 U	1 U	1 U	1 U	1 U
2-Hexanone	50		5.0 U	5.0 U	5 U *	5 U	5 U	5 U
4-Methyl-2-pentanone	NS		5.0 U	5.0 U	5 U	5 U	5 U	5 U
Acetone	50		10 U	10 U	10 U	10 U	10 U	10 U
Benzene	1		1.0 U	1.0 U	1 U	1 U	1 U	1 U
Bromodichloromethane	50		1.0 U	1.0 U	1 U	1 U	1 U	1 U
Bromoform	50		1.0 U	1.0 U	1 U	1 U	1 U	1 U
Bromomethane	5		1.0 U	1.0 U	1 U	1 U	1 U	1 U
Carbon disulfide	60		1.0 U	1.0 U	1 U	1 U	1 U	1 U
Carbon tetrachloride	5		1.0 U	1.0 U	1 U	1 U	1 U	1 U
Chlorobenzene	5		1.0 U	1.0 U	1 U	1 U	1 U	1 U
Chloroethane	5		1.0 U	1.0 U	1 U	1 U	1 U	1 U
Chloroform	7		1.0 U	1.0 U	1 U	1 U	1 U	1 U
cis-1,2-Dichloroethene	5		2.6	3.2	2	1.9	2.3	2.2
cis-1,3-Dichloropropene	0.4		1.0 U	1.0 U	1 U *	1 U	1 U	1 U
Dibromochloromethane	50		1.0 U	1.0 U	1 U	1 U	1 U	1 U
Ethylbenzene	5		1.0 U	1.0 U	1 U	1 U	1 U	1 U
Methyl chloride	5		1.0 U	1.0 U	1 U	1 U	1 U	1 U
Methyl ethyl ketone	50		10 U	10 U	10 U	10 U	10 U	10 U
Methylene chloride	5		1.0 U	1.0 U	1 U	1 U	1 U	1 U
Styrene	5		1.0 U	1.0 U	1 U	1 U	1 U	1 U
Tetrachloroethene	5		0.53 J	0.58 J	0.66 J	0.76 J	0.67 J*	1 U
Toluene	5		1.0 U	1.0 U	1 U	1 U	1 U	0.75 J
trans-1,2-Dichloroethene	5		1.0 U	1.0 U	1 U	1 U	1 U	1 U
trans-1,3-Dichloropropene	0.4		1.0 U	1.0 U	1 U *	1 U	1 U	1 U
Trichloroethene	5		2.4	2.9	2.7	3.1	2.8	1.7
Vinyl chloride	2		1.0 U	1.0 U	1 U	1 U	1 U	1 U
Xylenes, Total	5		2.0 U	2.0 U	2 U	2 U	2 U	2 U

NOTES:
U - not detected, J - estimated, D - Diluted Result, H - Holding time exceeded, R - unusable, NS - no standard, Dup - duplicate sample,
--- Not analyzed, F - MS and/or MSD recovery/RPD exceeds the control limits
[ ] - Exceeds NYS Class GA Ground Water Qaulity Standard
Trip Blank associated with samples collected on 10/29/07 contained Acetone and Methylene Chloride.
Data have not been validated

RAMBOLL

Table 4
Groundwater Data - VOCs
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW Stds (ug/l)	Location ID / Depth Interval / Sample Date / Sample ID	MW-08S - 12/18/2019 MW-8S-121819 ug/l	MW-08S - 3/18/2020 MW-8S 031720 ug/l	MW-08S -- 6/17/2020 MW8S061720 µg/L	MW-08S -- 9/24/2020 MW8S092420 µg/L	MW-08S -- 12/15/2020 MW8S 121520 µg/L	MW-08S -- 3/25/2021 MW8S032521 ug/l
1,1,1-Trichloroethane	5		1 U	1 U	1 U	1 U	1 U	1U
1,1,2,2-Tetrachloroethane	5		1 U	1 U	1 U	1 U	1 U	1U
1,1,2-Trichloroethane	1		1 U	1 U	1 U	1 U	1 U	1U
1,1-Dichloroethane	5		1 U	1 U	1 U	1 U	1 U	1U
1,1-Dichloroethene	5		1 U	1 U	1 U	1 U	1 U	1U
1,2-Dichloroethane	0.6		1 U	1 U	1 U	1 U	1 U	1U
1,2-Dichloroethene (Total)	5		---	---	---	---	---	---
1,2-Dichloropropane	1		1 U	1 U	1 U	1 U	1 U	1U
2-Hexanone	50		5 U	5 U	5 U	5 U	5 U	5U
4-Methyl-2-pentanone	NS		5 U	5 U	5 U	5 U	5 U	5U
Acetone	50		10 U	10 U	10 U	10 U	10 U	10U
Benzene	1		1 U	1 U	1 U	1 U	1 U	1U
Bromodichloromethane	50		1 U	1 U	1 U	1 U	1 U	1U
Bromoform	50		1 U	1 U	1 U	1 U	1 U	1U
Bromomethane	5		1 U	1 U	1 U	1 U	1 U	1U
Carbon disulfide	60		1 U	1 U	1 U	1 U	1 U	1U
Carbon tetrachloride	5		1 U	1 U	1 U	1 U	1 U	1U
Chlorobenzene	5		1 U	1 U	1 U	1 U	1 U	1U
Chloroethane	5		1 U	1 U	1 U	1 U	1 U	1U
Chloroform	7		1 U	1 U	1 U	1 U	1 U	1U
cis-1,2-Dichloroethene	5		2.5	2.2	2	2.7	2.4	2.7
cis-1,3-Dichloropropene	0.4		1 U	1 U	1 U	1 U	1 U	1U
Dibromochloromethane	50		1 U	1 U	1 U	1 U	1 U	1U
Ethylbenzene	5		1 U	1 U	1 U	1 U	1 U	1U
Methyl chloride	5		1 U	1 U	1 U	1 U	1 U	1U
Methyl ethyl ketone	50		10 U	10 U	10 U	10 U	10 U	10U
Methylene chloride	5		1 U	1 U	1 U	1 U	1 U	1U
Styrene	5		1 U	1 U	1 U	1 U	1 U	1U
Tetrachloroethene	5		0.7 J	0.5 J	1 U	0.6 J	0.41 J	1U
Toluene	5		1 U	1 U	1 U	1 U	1 U	1U
trans-1,2-Dichloroethene	5		1 U	1 U	1 U	1 U	1 U	1U
trans-1,3-Dichloropropene	0.4		1 U	1 U	1 U	1 U	1 U	1U
Trichloroethene	5		3.4	2.3	1.9	2.3	1.9	2.3
Vinyl chloride	2		1 U	1 U	1 U	1 U	1 U	1U
Xylenes, Total	5		2 U	2 U	2 U	2 U	2 U	2U

NOTES:
U - not detected, J - estimated, D - Diluted Result, H - Holding time exceeded, R - unusable, NS - no standard, Dup - duplicate sample,
--- Not analyzed, F - MS and/or MSD recovery/RPD exceeds the control limits
[ ] - Exceeds NYS Class GA Ground Water Qaulity Standard
Trip Blank associated with samples collected on 10/29/07 contained Acetone and Methylene Chloride.
Data have not been validated

Table 4
Groundwater Data - VOCs
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW Stds (ug/l)	Location ID Depth Interval Sample Date Sample ID	MW-08S -- 6/15/2021 MW8S 061521 µg/L	MW-08S - 9/22/2021 MW8S 092221 ug/l	MW-08S - 12/21/2021 MW8S 122121 ug/l	MW-08S - 3/23/2022 MW8S 032322 ug/l	MW-08S - 6/23/2022 MW-8S 062322 ug/l	MW-08S - 9/28/2022 MW8S 092822 ug/l
1,1,1-Trichloroethane	5		1 U	1 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1,2,2-Tetrachloroethane	5		1 U	1 U	1.0 U	1.0 U	1.0 U	1.0 U *+
1,1,2-Trichloroethane	1		1 U	1 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1-Dichloroethane	5		1 U	1 U	1.0 U	1.0 U	1.0 U	1.0 U *+
1,1-Dichloroethene	5		1 U	1 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichloroethane	0.6		1 U	1 U	1.0 U	1.0 U	1.0 U	1.0 U *+
1,2-Dichloroethene (Total)	5		---	---	---	---	---	---
1,2-Dichloropropane	1		1 U	1 U	1.0 U	1.0 U	1.0 U	1.0 U *+
2-Hexanone	50		5 U	5 U	5.0 U	5.0 U	5.0 U	5.0 U
4-Methyl-2-pentanone	NS		5 U	5 U	5.0 U	5.0 U	5.0 U	5.0 U
Acetone	50		10 U	10 U	10 U	10 U	10 U	10 U
Benzene	1		1 U	1 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromodichloromethane	50		1 U	1 U	1.0 U	1.0 U	1.0 U	1.0 U *+
Bromoform	50		1 U	1 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromomethane	5		1 U	1 U	1.0 U	1.0 U	1.0 U	1.0 U
Carbon disulfide	60		1 U	1 U	1.0 U	1.0 U	1.0 U	1.0 U
Carbon tetrachloride	5		1 U	1 U	1.0 U	1.0 U	1.0 U	1.0 U
Chlorobenzene	5		1 U	1 U	1.0 U	1.0 U	1.0 U	1.0 U
Chloroethane	5		1 U	1 U	1.0 U	1.0 U *1	1.0 U	1.0 U
Chloroform	7		1 U	1 U	1.0 U	1.0 U	1.0 U	1.0 U
cis-1,2-Dichloroethene	5		2.3	2.3	2.1	1.8	2.2	2.9
cis-1,3-Dichloropropene	0.4		1 U	1 U	1.0 U	1.0 U	1.0 U	1.0 U *+
Dibromochloromethane	50		1 U	1 U	1.0 U	1.0 U	1.0 U	1.0 U *+
Ethylbenzene	5		1 U	1 U	1.0 U	1.0 U	1.0 U	1.0 U
Methyl chloride	5		1 U	1 U	1.0 U	1.0 U	1.0 U	1.0 U
Methyl ethyl ketone	50		10 U	10 U	10 U	10 U	10 U	10 U *+
Methylene chloride	5		1 U	1 U	1.0 U	1.0 U	1.0 U	1.0 U *+
Styrene	5		1 U	1 U	1.0 U	1.0 U	1.0 U	1.0 U *+
Tetrachloroethene	5		0.39 J	0.45 J	0.48 J	0.55 J	0.46 J	0.61 J *+
Toluene	5		1 U	1 U	1.0 U	1.0 U	1.0 U	1.0 U
trans-1,2-Dichloroethene	5		1 U	1 U	1.0 U	1.0 U	1.0 U	1.0 U
trans-1,3-Dichloropropene	0.4		1 U	1 U	1.0 U	1.0 U	1.0 U	1.0 U
Trichloroethene	5		2.2	2.5	2.7	2.2	2.4	3.1
Vinyl chloride	2		1 U	1 U	1.0 U	1.0 U	1.0 U	1.0 U
Xylenes, Total	5		2 U	2 U	2.0 U	2.0 U	2.0 U	2.0 U

NOTES:
U - not detected, J - estimated, D - Diluted Result, H - Holding time exceeded, R - unusable, NS - no standard, Dup - duplicate sample,
--- Not analyzed, F - MS and/or MSD recovery/RPD exceeds the control limits
[ ] - Exceeds NYS Class GA Ground Water Qaulity Standard
Trip Blank associated with samples collected on 10/29/07 contained Acetone and Methylene Chloride.
Data have not been validated

Table 4
Groundwater Data - VOCs
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW Stds (ug/l)	Location ID Depth Interval Sample Date Sample ID	MW-08S - 9/28/2022 X-1 092822 ug/l	MW-08S --- 12/22/2022 MW8S122222 ug/l
1,1,1-Trichloroethane	5		1.0 U	1.0 U
1,1,2,2-Tetrachloroethane	5		1.0 U *+	1.0 U
1,1,2-Trichloroethane	1		1.0 U	1.0 U
1,1-Dichloroethane	5		1.0 U *+	1.0 U
1,1-Dichloroethene	5		1.0 U	1.0 U
1,2-Dichloroethane	0.6		1.0 U *+	1.0 U
1,2-Dichloroethene (Total)	5		---	---
1,2-Dichloropropane	1		1.0 U *+	1.0 U
2-Hexanone	50		5.0 U	5.0 U *+
4-Methyl-2-pentanone	NS		5.0 U	5.0 U *+
Acetone	50		10 U	10 U
Benzene	1		1.0 U	1.0 U
Bromodichloromethane	50		1.0 U *+	1.0 U
Bromoform	50		1.0 U	1.0 U
Bromomethane	5		1.0 U	1.0 U
Carbon disulfide	60		1.0 U	1.0 U
Carbon tetrachloride	5		1.0 U	1.0 U
Chlorobenzene	5		1.0 U	1.0 U
Chloroethane	5		1.0 U	1.0 U
Chloroform	7		1.0 U	1.0 U
cis-1,2-Dichloroethene	5		3.4	1.8
cis-1,3-Dichloropropene	0.4		1.0 U *+	1.0 U
Dibromochloromethane	50		1.0 U *+	1.0 U
Ethylbenzene	5		1.0 U	1.0 U
Methyl chloride	5		1.0 U	1.0 U
Methyl ethyl ketone	50		10 U *+	10 U
Methylene chloride	5		1.0 U *+	1.0 U
Styrene	5		1.0 U *+	1.0 U
Tetrachloroethene	5		0.77 J *+	0.41 J
Toluene	5		1.0 U	1.0 U
trans-1,2-Dichloroethene	5		1.0 U	1.0 U
trans-1,3-Dichloropropene	0.4		1.0 U	1.0 U
Trichloroethene	5		3.5	2.1
Vinyl chloride	2		1.0 U	1.0 U
Xylenes, Total	5		2.0 U	2.0 U

NOTES:
U - not detected, J - estimated, B - compound found in the blank and sample, D - Diluted Result
R - unusable, NS - no standard, X-1 - duplicate sample, *+ - LCS or LCSD exceeds control limits, high biased
^ - instrument QC exceeds control limits, F - MS and/or MSD recovery/RPD exceeds the control limits
[ ] - Exceeds NYS Class GA Ground Water Qaulity Standard, '--- Not Analyzed
Data have not been validated

RAMBOLL

Table 4
Groundwater Data - VOCs
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW Stds (ug/l)	Location ID	MW-08D	MW-08D	MW-08D	MW-08D	MW-08D	MW-08D
		Depth Interval	-	-	-	-	-	-
		Sample Date	9/13/1995	11/14/1995	7/23/1997	9/18/1997	2/18/2000	8/16/2001
		Sample ID	MW-08D_WG_091395	MW-08D_WG_111495	MW-08D_WG_072397	MW-08D_WG_091897	MW-08D_WG_021800	MW-08D_WG_081601
			ug/l	ug/l	ug/l	ug/l	ug/l	ug/l
1,1,1-Trichloroethane	5		10 U	10 U	1 U	1 U	0.3 J	0.3 J
1,1,2,2-Tetrachloroethane	5		10 U	10 U	1 U	1 U	0.5 U	0.5 U
1,1,2-Trichloroethane	1		10 U	10 U	1 U	1 U	0.5 U	0.5 U
1,1-Dichloroethane	5		10 U	10 U	1.7	2	3	3
1,1-Dichloroethene	5		10 U	10 U	1 U	1 U	0.2 J	0.1 J
1,2-Dichloroethane	0.6		10 U	10 U	1 U	1 U	0.5 U	0.5 U
1,2-Dichloroethene (Total)	5		10 U	10 U	4.1	**[5.3]**	---	---
1,2-Dichloropropane	1		10 U	10 U	1 U	1 U	0.5 U	0.5 U
2-Hexanone	50		10 UJ	10 U	2 U	2 U	5 U	5 U
4-Methyl-2-pentanone	NS		10 U	10 U	2 U	2 U	5 U	5 U
Acetone	50		21	10 UJ	2 U	2 U	10 U	10 J
Benzene	1		**[1]**	10 U	1 U	1 U	0.5 U	0.5 U
Bromodichloromethane	50		10 U	10 U	1 U	1 U	0.5 U	0.5 U
Bromoform	50		10 U	10 UJ	1 U	1 U	0.5 U	0.5 U
Bromomethane	5		10 U	10 U	2 U	2 U	1 U	1 U
Carbon disulfide	60		10 U	10 U	1 U	1 U	0.5 U	0.5 U
Carbon tetrachloride	5		10 U	10 U	1 U	1 U	0.5 U	0.5 UJ
Chlorobenzene	5		10 U	10 U	1 U	1 U	0.5 U	0.5 U
Chloroethane	5		10 U	10 U	1 U	1 U	0.9 J	0.5 J
Chloroform	7		10 UJ	10 U	1 U	1 U	0.5 U	0.5 U
cis-1,2-Dichloroethene	5		---	---	---	---	**[14]**	**[14]**
cis-1,3-Dichloropropene	0.4		10 U	10 U	1 U	1 U	0.5 U	0.5 U
Dibromochloromethane	50		10 U	10 U	1 U	1 U	0.5 U	0.5 U
Ethylbenzene	5		0.8	10 U	1 U	1 U	0.5 U	0.5 U
Methyl chloride	5		10 UJ	10 U	1 U	1 U	1 U	1 U
Methyl ethyl ketone	50		10 UJ	10 U	4 U	4 U	10 U	10 U
Methylene chloride	5		10 UJ	10 U	1 U	1 U	2 J	2 U
Styrene	5		10 U	10 U	1 U	1 U	0.5 U	0.5 U
Tetrachloroethene	5		10 U	10 U	1 U	1 U	0.5 U	0.5 U
Toluene	5		3	10 U	1 U	1 U	0.5 U	0.5 U
trans-1,2-Dichloroethene	5		---	---	---	---	0.3 J	0.5 U
trans-1,3-Dichloropropene	0.4		10 U	10 U	1 U	1 U	0.5 U	0.5 U
Trichloroethene	5		10 U	10 U	1 U	1 U	0.5 U	0.5 U
Vinyl chloride	2		10 U	10 U	**[9.1]**	**[11]**	**[24]**	**[24]**
Xylenes, Total	5		**[5]**	10 U	1 U	1 U	0.5 U	0.5 U

NOTES:
U - not detected, J - estimated, D - Diluted Result, H - Holding time exceeded, R - unusable, NS - no standard, Dup - duplicate sample,
--- Not analyzed, F - MS and/or MSD recovery/RPD exceeds the control limits
[ ] - Exceeds NYS Class GA Ground Water Qaulity Standard
Trip Blank associated with samples collected on 10/29/07 contained Acetone and Methylene Chloride.
Data have not been validated

Table 4
Groundwater Data - VOCs
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW Stds (ug/l)	Location ID	MW-08D	MW-08D	MW-08D	MW-08D	MW-08D	MW-08D
		Depth Interval	-	-	-	-	-	-
		Sample Date	11/28/2001	2/25/2002	5/16/2002	7/30/2003	2/3/2004	5/17/2004
		Sample ID	MW-08D_WG_112801	MW-08D_WG_022502	MW-08D_WG_051602	MW-08D_WG_073003	MW-08D_WG_020304	MW-08D_WG_051704
			ug/l	ug/l	ug/l	ug/l	ug/l	ug/l
1,1,1-Trichloroethane	5		0.2 J	0.2 J	0.1 J	0.2 J	0.5 U	0.5 U
1,1,2,2-Tetrachloroethane	5		0.5 UJ	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1,2-Trichloroethane	1		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1-Dichloroethane	5		3	2	2	3	2	2
1,1-Dichloroethene	5		0.1 J	0.1 J	0.1 J	0.5 U	0.5 U	0.5 U
1,2-Dichloroethane	0.6		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,2-Dichloroethene (Total)	5		---	---	---	---	---	---
1,2-Dichloropropane	1		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
2-Hexanone	50		5 U	5 U	5 U	5 U	5 U	5 U
4-Methyl-2-pentanone	NS		5 U	5 U	5 U	5 U	5 U	5 U
Acetone	50		10 U	10 U	10 U	1 J	10 U	10 U
Benzene	1		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Bromodichloromethane	50		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Bromoform	50		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Bromomethane	5		1 U	1 U	1 UJ	1 U	1 U	1 U
Carbon disulfide	60		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Carbon tetrachloride	5		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Chlorobenzene	5		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Chloroethane	5		0.7 J	0.7 J	0.7 J	1 U	1 U	1 U
Chloroform	7		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
cis-1,2-Dichloroethene	5		**[13]**	**[12]**	**[13]**	**[5]**	2	4
cis-1,3-Dichloropropene	0.4		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Dibromochloromethane	50		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Ethylbenzene	5		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Methyl chloride	5		1 U	1 U	1 U	1 U	1 U	1 U
Methyl ethyl ketone	50		10 U	10 U	10 U	10 U	10 U	10 U
Methylene chloride	5		2 U	2 U	2 U	2 U	2 U	2 U
Styrene	5		0.5 U	0.5 UJ	0.5 U	0.5 U	0.5 U	0.5 U
Tetrachloroethene	5		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Toluene	5		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
trans-1,2-Dichloroethene	5		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
trans-1,3-Dichloropropene	0.4		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Trichloroethene	5		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Vinyl chloride	2		**[28]**	**[25]**	**[25]**	**[9]**	**[3]**	**[10]**
Xylenes, Total	5		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U

NOTES:
U - not detected, J - estimated, D - Diluted Result, H - Holding time exceeded, R - unusable, NS - no standard, Dup - duplicate sample,
--- Not analyzed, F - MS and/or MSD recovery/RPD exceeds the control limits
[ ] - Exceeds NYS Class GA Ground Water Qaulity Standard
Trip Blank associated with samples collected on 10/29/07 contained Acetone and Methylene Chloride.
Data have not been validated

Table 4
Groundwater Data - VOCs
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW Stds (ug/l)	Location ID / Depth Interval / Sample Date / Sample ID	MW-08D - 8/4/2004 MW-08D_WG_080404 ug/l	MW-08D - 11/16/2004 MW-08D_WG_111604 ug/l	MW-08D - 2/15/2005 MW-08D_WG_021505 ug/l	MW-08D - 4/18/2005 MW-08D_WG_041805 ug/l	MW-08D - 9/7/2005 MW-8D_09072005 ug/l	MW-08D - 11/16/2005 MW-8D_11162005 ug/l
1,1,1-Trichloroethane	5		0.5 U	0.5 U	0.5 U	0.5 U	0.50 U	0.50 U
1,1,2,2-Tetrachloroethane	5		0.5 U	0.5 U	0.5 U	0.5 U	0.50 U	0.50 U
1,1,2-Trichloroethane	1		0.5 U	0.5 U	0.5 U	0.5 U	0.50 U	0.50 U
1,1-Dichloroethane	5		2	2	2	2	1.24	1.14
1,1-Dichloroethene	5		0.5 U	0.5 U	0.5 U	0.5 U	0.50 U	0.50 U
1,2-Dichloroethane	0.6		0.5 U	0.5 U	0.5 U	0.5 U	0.50 U	0.50 U
1,2-Dichloroethene (Total)	5		---	---	---	---	---	---
1,2-Dichloropropane	1		0.5 U	0.5 U	0.5 U	0.5 U	0.50 U	0.50 U
2-Hexanone	50		5 U	5 U	5 U	5 U	5.00 U	5.00 U
4-Methyl-2-pentanone	NS		5 U	5 U	5 U	5 U	5.00 U	5.00 U
Acetone	50		1 J	10 U	2 J	10 U	1.92 J	10.0 U
Benzene	1		0.5 U	0.5 U	0.5 U	0.5 U	0.50 U	0.50 U
Bromodichloromethane	50		0.5 U	0.5 U	0.5 U	0.5 U	0.50 U	0.50 U
Bromoform	50		0.5 U	0.5 U	0.5 U	0.5 U	0.50 U	0.50 U
Bromomethane	5		1 U	1 U	1 U	1 U	1.00 U	1.00 U
Carbon disulfide	60		0.5 U	0.5 U	0.5 U	0.5 U	0.50 U	0.50 U
Carbon tetrachloride	5		0.5 U	0.5 U	0.5 U	0.5 U	0.50 U	0.50 U
Chlorobenzene	5		0.5 U	0.5 U	0.5 U	0.5 U	0.50 U	0.50 U
Chloroethane	5		1 U	1 U	1 U	1 U	1.00 U	1.00 U
Chloroform	7		0.5 U	0.5 U	0.5 U	0.5 U	0.50 U	0.50 U
cis-1,2-Dichloroethene	5		3	2	3	4	3.53	4.89
cis-1,3-Dichloropropene	0.4		0.5 U	0.5 U	0.5 U	0.5 U	0.50 U	0.50 U
Dibromochloromethane	50		0.5 U	0.5 U	0.5 U	0.5 U	0.50 U	0.50 U
Ethylbenzene	5		0.5 U	0.5 U	0.5 U	0.5 U	0.50 U	0.50 U
Methyl chloride	5		1 U	1 U	1 U	1 U	1.00 U	1.00 U
Methyl ethyl ketone	50		10 U	10 U	10 U	10 U	10.0 U	10.0 U
Methylene chloride	5		2 U	2 U	2 U	2 U	2.00 U	2.00 U
Styrene	5		0.5 U	0.5 U	0.5 U	0.5 U	0.50 U	0.50 U
Tetrachloroethene	5		0.5 U	0.5 U	0.5 U	0.5 U	0.50 U	0.50 U
Toluene	5		0.5 U	0.5 U	0.5 U	0.5 U	0.50 U	0.50 U
trans-1,2-Dichloroethene	5		0.5 U	0.5 U	0.5 U	0.5 U	0.50 U	0.50 U
trans-1,3-Dichloropropene	0.4		0.5 U	0.5 U	0.5 U	0.5 U	0.50 U	0.50 U
Trichloroethene	5		0.5 U	0.5 U	0.5 U	0.5 U	0.50 U	0.50 U
Vinyl chloride	2		**[5]**	**[3]**	**[7]**	**[11]**	**[9.34]**	**[13.2]**
Xylenes, Total	5		0.5 U	0.5 U	0.5 U	0.5 U	1.00 U	1.00 U

NOTES:
U - not detected, J - estimated, D - Diluted Result, H - Holding time exceeded, R - unusable, NS - no standard, Dup - duplicate sample,
--- Not analyzed, F - MS and/or MSD recovery/RPD exceeds the control limits
[ ] - Exceeds NYS Class GA Ground Water Qaulity Standard
Trip Blank associated with samples collected on 10/29/07 contained Acetone and Methylene Chloride.
Data have not been validated

Table 4
Groundwater Data - VOCs
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW Stds (ug/l)	Location ID / Depth Interval / Sample Date / Sample ID	MW-08D - 4/26/2006 MW-8D_04262006 ug/l	MW-08D - 11/15/2006 MW-8D_11152006 ug/l	MW-08D - 5/2/2007 MW-8D_050207 ug/l	MW-08D - 11/1/2007 MW8-D-110107 ug/l	MW-08D - 5/22/2008 MW8-D-052208 ug/l	MW-08D - 11/18/2008 MW8-D-111808 ug/l
1,1,1-Trichloroethane	5		0.50 U	0.50 U	0.5 U	0.5 HU	0.5 U	0.5 U
1,1,2,2-Tetrachloroethane	5		0.50 U	0.50 U	0.5 U	0.5 HU	0.5 U	0.5 U
1,1,2-Trichloroethane	1		0.50 U	0.50 U	0.5 U	0.5 HU	0.5 U	0.5 U
1,1-Dichloroethane	5		1.09	0.78	0.81	0.69 H	0.51	0.48 J
1,1-Dichloroethene	5		0.50 U	0.50 U	0.5 U	0.5 HU	0.5 U	0.5 U
1,2-Dichloroethane	0.6		0.50 U	0.50 U	0.5 U	0.5 HU	0.5 U	0.5 U
1,2-Dichloroethene (Total)	5		---	---	---	---	---	---
1,2-Dichloropropane	1		0.50 U	0.50 U	0.5 U	0.5 HU	0.5 U	0.5 U
2-Hexanone	50		5.00 U	5.00 U	5 U	5 HU	5 U	5 U
4-Methyl-2-pentanone	NS		5.00 U	5.00 U	5 U	5 HU	5 U	5 U
Acetone	50		10.0 U	10.0 U	10 U	10 HU	10 U	10 U
Benzene	1		0.50 U	0.50 U	0.5 U	0.5 HU	0.5 U	0.5 U
Bromodichloromethane	50		0.50 U	0.50 U	0.5 U	0.5 HU	0.5 U	0.5 U
Bromoform	50		0.50 U	0.50 U	0.5 U	0.5 HU	1 U	1 U
Bromomethane	5		1.00 U	1.00 U	1 U	1 HU	1 U	1 U
Carbon disulfide	60		0.50 U	0.50 U	0.5 U	0.5 HU	0.5 U	0.5 U
Carbon tetrachloride	5		0.50 U	0.50 U	0.5 U	0.5 HU	0.5 U	0.5 U
Chlorobenzene	5		0.50 U	0.50 U	0.5 U	0.5 HU	0.5 U	0.5 U
Chloroethane	5		1.00 U	1.00 U	1 U	1 HU	1 U	1 U
Chloroform	7		0.50 U	0.50 U	0.5 U	0.5 HU	0.5 U	0.5 U
cis-1,2-Dichloroethene	5		4.36	4.6	**[5.33]**	1.01 H	4.39	2.72
cis-1,3-Dichloropropene	0.4		0.50 U	0.50 U	0.5 U	0.5 HU	0.5 U	0.5 U
Dibromochloromethane	50		0.50 U	0.50 U	0.5 U	0.5 HU	0.5 U	0.5 U
Ethylbenzene	5		0.50 U	0.50 U	0.5 U	0.5 HU	0.5 U	0.5 U
Methyl chloride	5		1.00 U	1.00 U	1 U	1 HU	1 U	1 U
Methyl ethyl ketone	50		10.0 U	10.0 U	10 U	10 HU	10 U	10 U
Methylene chloride	5		2.00 U	2.00 U	2 U	2 HU	2 U	2 U
Styrene	5		0.50 U	0.50 U	0.5 U	0.5 HU	0.5 U	0.5 U
Tetrachloroethene	5		0.50 U	0.50 U	0.5 U	0.5 HU	0.5 U	0.5 U
Toluene	5		0.50 U	0.50 U	0.5 U	0.5 HU	0.5 U	0.5 U
trans-1,2-Dichloroethene	5		0.50 U	0.50 U	0.5 U	0.5 HU	0.5 U	0.5 U
trans-1,3-Dichloropropene	0.4		0.50 U	0.50 U	0.5 U	0.5 HU	0.5 U	0.5 U
Trichloroethene	5		0.50 U	0.50 U	0.5 U	0.5 HU	0.5 U	0.5 U
Vinyl chloride	2		**[13.8]**	**[16.7]**	**[17.1]**	1.71 H	**[22]**	**[9.24]**
Xylenes, Total	5		1.00 U	1.00 U	1 U	1 HU	1 U	1 U

NOTES:
U - not detected, J - estimated, D - Diluted Result, H - Holding time exceeded, R - unusable, NS - no standard, Dup - duplicate sample,
--- Not analyzed, F - MS and/or MSD recovery/RPD exceeds the control limits
[ ] - Exceeds NYS Class GA Ground Water Qaulity Standard
Trip Blank associated with samples collected on 10/29/07 contained Acetone and Methylene Chloride.
Data have not been validated

Table 4
Groundwater Data - VOCs
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW Stds (ug/l)	Location ID / Depth Interval / Sample Date / Sample ID	MW-08D - 10/20/2009 MW-8D-10202009 ug/l	MW-08D - 05/18/2010 W-8D-051810051820[illegible] ug/l	MW-08D - 01/19/2011 MW-8D-01192011 ug/l	MW-08D - 4/19/2011 MW-8D-041911 ug/l	MW-08D - 7/27/2011 MW-8D072711 ug/l	MW-08D - 10/25/2011 MW8D102511 ug/l
1,1,1-Trichloroethane	5		1 U	1 U	1 U	1 U	1 U	1 U
1,1,2,2-Tetrachloroethane	5		1 U	1 U	1 U	1 U	1 U	1 U
1,1,2-Trichloroethane	1		1 U	1 U	1 U	1 U	1 U	1 U
1,1-Dichloroethane	5		1 U	1 U	1 U	0.49 J	1 U	0.38 J
1,1-Dichloroethene	5		1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichloroethane	0.6		1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichloroethene (Total)	5		---	---	---	---	---	---
1,2-Dichloropropane	1		1 U	1 U	1 U	1 U	1 U	1 U
2-Hexanone	50		5 U	5 U	5 U	5 U	5 U	5 U
4-Methyl-2-pentanone	NS		5 U	5 U	5 U	5 U	5 U	5 U
Acetone	50		5 U	5 U	10 U	10 U	10 U	10 U
Benzene	1		0.52 J	1 U	1 U	1 U	1 U	1 U
Bromodichloromethane	50		1 U	1 U	1 U	1 U	1 U	1 U
Bromoform	50		1 U	1 U	1 U	1 U	1 U	1 U
Bromomethane	5		1 U	1 U	1 U	1 U	1 U	1 U
Carbon disulfide	60		1 U	1 U	1 U	1 U	1 U	1 U
Carbon tetrachloride	5		1 U	1 U	1 U	1 U	1 U	1 U
Chlorobenzene	5		1 U	1 U	1 U	1 U	1 U	1 U
Chloroethane	5		1 U	1 U	1 U	1 U	1 U	1 U
Chloroform	7		1 U	1 U	1 U	1 U	1 U	1 U
cis-1,2-Dichloroethene	5		0.72 J	2.3	2.6	2.4	2	1.8
cis-1,3-Dichloropropene	0.4		1 U	1 U	1 U	1 U	1 U	1 U
Dibromochloromethane	50		1 U	1 U	1 U	1 U	1 U	1 U
Ethylbenzene	5		1 U	1 U	1 U	1 U	1 U	1 U
Methyl chloride	5		---	1 U	1 U	1 U	1 U	1 U
Methyl ethyl ketone	50		---	5 U	10 U	10 U	10 U	10 U
Methylene chloride	5		1 U	1 U	1 U	1 U	1 U	1 U
Styrene	5		1 U	1 U	1 U	1 U	1 U	1 U
Tetrachloroethene	5		1 U	1 U	1 U	1 U	1 U	1 U
Toluene	5		3.3	1 U	1 U	1 U	1 U	1 U
trans-1,2-Dichloroethene	5		1 U	1 U	1 U	1 U	1 U	1 U
trans-1,3-Dichloropropene	0.4		1 U	1 U	1 U	1 U	1 U	1 U
Trichloroethene	5		1 U	1 U	1 U	1 U	1 U	1 U
Vinyl chloride	2		**[2]**	**[4.9]**	**[8.3]**	**[7.1]**	**[5.4]**	**[4.5]**
Xylenes, Total	5		2 U	2 U	2 U	2 U	2 U	2 U

NOTES:
U - not detected, J - estimated, D - Diluted Result, H - Holding time exceeded, R - unusable, NS - no standard, Dup - duplicate sample,
--- Not analyzed, F - MS and/or MSD recovery/RPD exceeds the control limits
[ ] - Exceeds NYS Class GA Ground Water Qaulity Standard
Trip Blank associated with samples collected on 10/29/07 contained Acetone and Methylene Chloride.
Data have not been validated

Table 4
Groundwater Data - VOCs
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW Stds (ug/l)	Location ID	MW-08D	MW-8D	MW-8D	MW-8D	MW-8D	MW-8D
		Depth Interval	-		-	-	-	-
		Sample Date	3/21/2012	8/8/2012	12/18/2012	5/22/2013	8/20/2013	12/17/2013
		Sample ID	MW8D032112	MW8D080812	MW-8D-121812	MW-8D-052213	MW-8D-082013	MW-8D-121713
			ug/l	ug/l	ug/l	ug/l	ug/l	ug/l
1,1,1-Trichloroethane	5		1 U	1 U	1 U	1 U	1 U	1 U
1,1,2,2-Tetrachloroethane	5		1 U	1 U	1 U	1 U	1 U	1 U
1,1,2-Trichloroethane	1		1 U	1 U	1 U	1 U	1 U	1 U
1,1-Dichloroethane	5		1 U	0.44 J	0.52 J	1 U	0.39 J	1 U
1,1-Dichloroethene	5		1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichloroethane	0.6		1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichloroethene (Total)	5		---	---	---	---	---	---
1,2-Dichloropropane	1		1 U	1 U	1 U	1 U	1 U	1 U
2-Hexanone	50		5 U	5 U	5 U	5 U	5 U	5 U
4-Methyl-2-pentanone	NS		5 U	5 U	5 U	5 U	5 U	5 U
Acetone	50		10 U	10 U	10 U	10 U	10 U	10 U
Benzene	1		1 U	1 U	1 U	1 U	1 U	1 U
Bromodichloromethane	50		1 U	1 U	1 U	1 U	1 U	1 U
Bromoform	50		1 U	1 U	1 U	1 U	1 U	1 U
Bromomethane	5		1 U	1 U	1 U	1 U	1 U	1 U
Carbon disulfide	60		1 U	1 U	1 U	1 U	1 U	1 U
Carbon tetrachloride	5		1 U	1 U	1 U	1 U	1 U	1 U
Chlorobenzene	5		1 U	1 U	1 U	1 U	1 U	1 U
Chloroethane	5		1 U	1 U	1 U	1 U	1 U	1 U
Chloroform	7		1 U	1 U	1 U	1 U	1 U	1 U
cis-1,2-Dichloroethene	5		2	2.1	2.4	1.4	1.9	2
cis-1,3-Dichloropropene	0.4		1 U	1 U	1 U	1 U	1 U	1 U
Dibromochloromethane	50		1 U	1 U	1 U	1 U	1 U	1 U
Ethylbenzene	5		1 U	1 U	1 U	1 U	1 U	1 U
Methyl chloride	5		1 U	1 U	1 U	1 U	1 U	1 U
Methyl ethyl ketone	50		10 U	10 U	10 U	10 U	10 U	10 U
Methylene chloride	5		1 U	1 U	1 U	1 U	1 U	1 U
Styrene	5		1 U	1 U	1 U	1 U	1 U	1 U
Tetrachloroethene	5		1 U	1 U	1 U	1 U	1 U	1 U
Toluene	5		1 U	1 U	1 U	1 U	1 U	1 U
trans-1,2-Dichloroethene	5		1 U	1 U	1 U	1 U	1 U	1 U
trans-1,3-Dichloropropene	0.4		1 U	1 U	1 U	1 U	1 U	1 U
Trichloroethene	5		1 U	1 U	1 U	1 U	1 U	1 U
Vinyl chloride	2		**[4.9]**	**[5.2]**	**[5.9]**	**[3.8]**	**[6.4]**	**[5.5]**
Xylenes, Total	5		2 U	2 U	2 U	2 U	2 U	2 U

NOTES:
U - not detected, J - estimated, D - Diluted Result, H - Holding time exceeded, R - unusable, NS - no standard, Dup - duplicate sample,
--- Not analyzed, F - MS and/or MSD recovery/RPD exceeds the control limits
[ ] - Exceeds NYS Class GA Ground Water Qaulity Standard
Trip Blank associated with samples collected on 10/29/07 contained Acetone and Methylene Chloride.
Data have not been validated

RAMBOLL

Table 4
Groundwater Data - VOCs
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW Stds (ug/l)	Location ID Depth Interval Sample Date Sample ID	MW-8D - 3/26/2014 MW-8D-032614 ug/l	X-1 - 3/26/2014 MW-8D-032614 ug/l	MW-8D - 6/11/2014 MW-8D-061114 ug/l	MW-8D - 9/24/2014 MW8D092414 ug/l	X-1 - 9/24/2014 MW8D092414 ug/l	MW-8D - 12/10/2014 MW 8D 121014 ug/l
1,1,1-Trichloroethane	5		1 U	1 U	1 U	1 U	1 U	1 U
1,1,2,2-Tetrachloroethane	5		1 U	1 U	1 U	1 U	1 U	1 U
1,1,2-Trichloroethane	1		1 U	1 U	1 U	1 U	1 U	1 U
1,1-Dichloroethane	5		1 U	1 U	1.1	0.91 J	0.91 J	0.94 J
1,1-Dichloroethene	5		1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichloroethane	0.6		1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichloroethene (Total)	5		---	---	---	---	---	---
1,2-Dichloropropane	1		1 U	1 U	1 U	1 U	1 U	1 U
2-Hexanone	50		5 U	5 U	5 U	5 U	5 U	5 U
4-Methyl-2-pentanone	NS		5 U	5 U	5 U	5 U	5 U	5 U
Acetone	50		10 U	10 U	10 U	10 U	10 U	10 U
Benzene	1		1 U	1 U	1 U	1 U	1 U	1 U
Bromodichloromethane	50		1 U	1 U	1 U	1 U	1 U	1 U
Bromoform	50		1 U	1 U	1 U	1 U	1 U	1 U
Bromomethane	5		1 U	1 U	1 U	1 U	1 U	1 U
Carbon disulfide	60		1 U	1 U	1 U	1 U	1 U	1 U
Carbon tetrachloride	5		1 U	1 U	1 U	1 U	1 U	1 U
Chlorobenzene	5		1 U	1 U	1 U	1 U	1 U	1 U
Chloroethane	5		1 U	1 U	1 U	1 U	1 U	1 U
Chloroform	7		1 U	1 U	1 U	1 U	1 U	1 U
cis-1,2-Dichloroethene	5		1.2	1.1	3.2	1.5	1.6	1.3
cis-1,3-Dichloropropene	0.4		1 U	1 U	1 U	1 U	1 U	1 U
Dibromochloromethane	50		1 U	1 U	1 U	1 U	1 U	1 U
Ethylbenzene	5		1 U	1 U	1 U	1 U	1 U	1 U
Methyl chloride	5		1 U	1 U	1 U	1 U	1 U	1 U
Methyl ethyl ketone	50		10 U	10 U	10 U	10 U	10 U	10 U
Methylene chloride	5		1 U	1 U	1 U	1 U	1 U	1 U
Styrene	5		1 U	1 U	1 U	1 U	1 U	1 U
Tetrachloroethene	5		1 U	1 U	1 U	1 U	1 U	1 U
Toluene	5		1 U	1 U	1 U	1 U	1 U	1 U
trans-1,2-Dichloroethene	5		1 U	1 U	1 U	1 U	1 U	1 U
trans-1,3-Dichloropropene	0.4		1 U	1 U	1 U	1 U	1 U	1 U
Trichloroethene	5		1 U	1 U	1 U	1 U	1 U	1 U
Vinyl chloride	2		**[2.4]**	**[2.2]**	**[7.6]**	**[4.6]**	**[4.6]**	**[3.5]**
Xylenes, Total	5		2 U	2 U	2 U	2 U	2 U	2 U

NOTES:
U - not detected, J - estimated, D - Diluted Result, H - Holding time exceeded, R - unusable, NS - no standard, Dup - duplicate sample,
--- Not analyzed, F - MS and/or MSD recovery/RPD exceeds the control limits
[ ] - Exceeds NYS Class GA Ground Water Qaulity Standard
Trip Blank associated with samples collected on 10/29/07 contained Acetone and Methylene Chloride.
Data have not been validated

RAMBOLL

Table 4
Groundwater Data - VOCs
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW Stds (ug/l)	Location ID / Depth Interval / Sample Date / Sample ID	MW-8D - 3/17/2015 MW8D 031715 ug/l	MW-8D - 6/24/2015 MW8D 062415 ug/l	MW-8D - 9/23/2015 MW8D 092315 ug/l	MW-8D - 1/13/2016 MW8D 011316 ug/l	MW-8D - 3/30/2016 MW-8D-033016 ug/l	MW-8D - 6/22/2016 MW-8D-062216 ug/l
1,1,1-Trichloroethane	5		1 U	1 U	1 U	1 U	1 U	1 U
1,1,2,2-Tetrachloroethane	5		1 U	1 U	1 U	1 U	1 U	1 U
1,1,2-Trichloroethane	1		1 U	1 U	1 U	1 U	1 U	1 U
1,1-Dichloroethane	5		0.99 J	0.97 J	0.98 J	0.99 J	0.83 J	0.94 J
1,1-Dichloroethene	5		1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichloroethane	0.6		1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichloroethene (Total)	5		---	---	---	---	----	---
1,2-Dichloropropane	1		1 U	1 U	1 U	1 U	1 U	1 U
2-Hexanone	50		5 U	5 U	5 U	5 U	5 U	5 U
4-Methyl-2-pentanone	NS		5 U	5 U	5 U	5 U	5 U	5 U
Acetone	50		10 U	10 U	10 U	10 U *	10 U*	10 U
Benzene	1		1 U	1 U	1 U	1 U	1 U	1 U
Bromodichloromethane	50		1 U	1 U	1 U	1 U	1 U	1 U
Bromoform	50		1 U	1 U	1 U	1 U	1 U	1 U
Bromomethane	5		1 U	1 U	1 U	1 U	1 U	1 U
Carbon disulfide	60		1 U	1 U	1 U	1 U	1 U	1 U
Carbon tetrachloride	5		1 U	1 U	1 U	1 U	1 U	1 U
Chlorobenzene	5		1 U	1 U	1 U	1 U	1 U	1 U
Chloroethane	5		1 U	1 U	1 U	1 U	1 U	1 U
Chloroform	7		1 U	1 U	1 U	1 U	1 U	1 U
cis-1,2-Dichloroethene	5		0.94 J	1 U	1 U	1 U	1 U	1 U
cis-1,3-Dichloropropene	0.4		1 U	1 U	1 U	1 U	1 U	1 U
Dibromochloromethane	50		1 U	1 U	1 U	1 U	1 U	1 U
Ethylbenzene	5		1 U	1 U	1 U	1 U	1 U	1 U
Methyl chloride	5		1 U	1 U	1 U	1 U	1 U	1 U
Methyl ethyl ketone	50		10 U	10 U	10 U	10 U	10 U	10 U
Methylene chloride	5		1 U	1 U	1 U	1 U	1 U	1 U
Styrene	5		1 U	1 U	1 U	1 U	1 U	1 U
Tetrachloroethene	5		1 U	1 U	1 U	1 U	1 U	1 U
Toluene	5		1 U	1 U	1 U	1 U	1 U	1 U
trans-1,2-Dichloroethene	5		1 U	1 U	1 U	1 U	1 U	1 U
trans-1,3-Dichloropropene	0.4		1 U	1 U	1 U	1 U	1 U	1 U
Trichloroethene	5		1 U	1 U	1 U	1 U	1 U	1 U
Vinyl chloride	2		1.8	1.2 ^	0.93 J	0.9 J	1 U	1 U
Xylenes, Total	5		2 U	2 U	2 U	2 U	2 U	2 U

NOTES:
U - not detected, J - estimated, D - Diluted Result, H - Holding time exceeded, R - unusable, NS - no standard, Dup - duplicate sample,
--- Not analyzed, F - MS and/or MSD recovery/RPD exceeds the control limits
[ ] - Exceeds NYS Class GA Ground Water Qaulity Standard
Trip Blank associated with samples collected on 10/29/07 contained Acetone and Methylene Chloride.
Data have not been validated

RAMBOLL

Table 4
Groundwater Data - VOCs
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW Stds (ug/l)	Location ID / Depth Interval / Sample Date / Sample ID	MW-8D - 9/21/2016 MW-8D-092116 ug/l	MW-8D - 12/21/2016 MW-8D-122116 ug/l	MW-8D - 4/13/2017 MW-8D-041317 ug/l	MW-8D - 6/28/2017 MW-8D-062817 ug/l	MW-8D - 9/13/2017 MW-8D-091317 ug/l	MW-8D - 12/20/2017 MW-8D-122017 ug/l
1,1,1-Trichloroethane	5		1 U	1 U	1 U	1 U	1 U	1.0 U
1,1,2,2-Tetrachloroethane	5		1 U	1 U	1 U	1 U	1 U	1.0 U
1,1,2-Trichloroethane	1		1 U	1 U	1 U	1 U	1 U	1.0 U
1,1-Dichloroethane	5		1 U	0.86 J	0.66 J	0.62 J	0.75 J	0.89 J
1,1-Dichloroethene	5		1 U	1 U	1 U	1 U	1 U	1.0 U
1,2-Dichloroethane	0.6		1 U	1 U	1 U	1 U	1 U	1.0 U
1,2-Dichloroethene (Total)	5		---	---	---	---	---	---
1,2-Dichloropropane	1		1 U	1 U	1 U	1 U	1 U	1.0 U
2-Hexanone	50		5 U	5 U	5 U	5 U	5 U	5.0 U
4-Methyl-2-pentanone	NS		5 U	5 U	5 U	5 U	5 U	5.0 U
Acetone	50		10 U	10 U	10 U	10 U	10 U	10 U
Benzene	1		1 U	1 U	1 U	1 U	1 U	1.0 U
Bromodichloromethane	50		1 U	1 U	1 U	1 U	1 U	1.0 U
Bromoform	50		1 U	1 U	1 U	1 U	1 U	1.0 U
Bromomethane	5		1 U	1 U	1 U	1 U	1 U	1.0 U
Carbon disulfide	60		1 U	1 U	0.24 J	1 U	1 U	1.0 U
Carbon tetrachloride	5		1 U	1 U	1 U	1 U	1 U	1.0 U
Chlorobenzene	5		1 U	1 U	1 U	1 U	1 U	1.0 U
Chloroethane	5		1 U	1 U	1 U	1 U	1 U	1.0 U
Chloroform	7		1 U	1 U	1 U	1 U	1 U	1.0 U
cis-1,2-Dichloroethene	5		1 U	1 U	1 U	1 U	1 U	1.0 U
cis-1,3-Dichloropropene	0.4		1 U	1 U	1 U	1 U	1 U	1.0 U
Dibromochloromethane	50		1 U	1 U	1 U	1 U	1 U	1.0 U
Ethylbenzene	5		1 U	1 U	1 U	1 U	1 U	1.0 U
Methyl chloride	5		1 U	1 U	1 U	1 U	1 U	1.0 U
Methyl ethyl ketone	50		10 U	10 U *	10 U	10 U	10 U	10 U
Methylene chloride	5		1 U	1 U	1 U	1 U	1 U	1.0 U
Styrene	5		1 U	1 U	1 U	1 U	1 U	1.0 U
Tetrachloroethene	5		1 U	1 U	1 U	1 U	1 U	1.0 U
Toluene	5		1 U	1 U	1 U	1 U	1 U	1.0 U
trans-1,2-Dichloroethene	5		1 U	1 U	1 U	1 U	1 U	1.0 U
trans-1,3-Dichloropropene	0.4		1 U	1 U	1 U	1 U	1 U	1.0 U
Trichloroethene	5		1 U	1 U	1 U	1 U	1 U	1.0 U
Vinyl chloride	2		1 U	1 U	1.6	0.96 J	1 U	1.0 U
Xylenes, Total	5		2 U	2 U	2 U	2 U	2 U	2.0 U

NOTES:
U - not detected, J - estimated, D - Diluted Result, H - Holding time exceeded, R - unusable, NS - no standard, Dup - duplicate sample,
--- Not analyzed, F - MS and/or MSD recovery/RPD exceeds the control limits
[ ] - Exceeds NYS Class GA Ground Water Qaulity Standard
Trip Blank associated with samples collected on 10/29/07 contained Acetone and Methylene Chloride.
Data have not been validated

RAMBOLL

Table 4
Groundwater Data - VOCs
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW Stds (ug/l)	Location ID / Depth Interval / Sample Date / Sample ID	MW-08D - 3/14/2018 MW 8D 031418 ug/l	MW-08D - 6/19/2018 MW 8D 061918 ug/l	MW-08D - 9/18/2018 MW 8D 091818 ug/l	MW-08D - 11/28/2018 MW-8D-112818 ug/l	MW-08D - 3/19/2019 MW-8D-031919 ug/l	MW-08D - 6/20/2019 MW-8D-062019 ug/l
1,1,1-Trichloroethane	5		1.0 U	1.0 U	1.0 U	1 U F2	1 U	1 U
1,1,2,2-Tetrachloroethane	5		1.0 U	1.0 U	1.0 U	1 U	1 U	1 U
1,1,2-Trichloroethane	1		1.0 U	1.0 U	1.0 U	1 U	1 U	1 U
1,1-Dichloroethane	5		0.48 J	0.84 J	0.95 J	0.55 J	0.52 J	1 U
1,1-Dichloroethene	5		1.0 U	1.0 U	1.0 U	1 U	1 U	1 U
1,2-Dichloroethane	0.6		1.0 U	1.0 U	1.0 U	1 U	1 U	1 U
1,2-Dichloroethene (Total)	5		---	---	---	---	---	---
1,2-Dichloropropane	1		1.0 U	1.0 U	1.0 U	1 U	1 U	1 U
2-Hexanone	50		5.0 U	5.0 U	5.0 U	5 U * F1	5 U	5 U
4-Methyl-2-pentanone	NS		5.0 U	5.0 U	5.0 U	5 U	5 U	5 U
Acetone	50		10 U	10 U	10 U	10 U	10 U	10 U
Benzene	1		1.0 U	1.0 U	1.0 U	1 U F2	1 U	1 U
Bromodichloromethane	50		1.0 U	1.0 U	1.0 U	1 U	1 U	1 U
Bromoform	50		1.0 U	1.0 U	1.0 U	1 U	1 U	1 U
Bromomethane	5		1.0 U	1.0 U	1.0 U	1 U	1 U	1 U
Carbon disulfide	60		1.0 U	1.0 U	1.0 U	0.24 J B	1 U	1 U
Carbon tetrachloride	5		1.0 U	1.0 U	1.0 U	1 U	1 U	1 U
Chlorobenzene	5		1.0 U	1.0 U	1.0 U	1 U	1 U	1 U
Chloroethane	5		1.0 U	1.0 U	1.0 U	1 U	1 U	1 U
Chloroform	7		1.0 U	1.0 U	1.0 U	1 U	1 U	1 U
cis-1,2-Dichloroethene	5		1.0 U	1.0 U	1.0 U	1 U	1 U	1 U
cis-1,3-Dichloropropene	0.4		1.0 U	1.0 U	1.0 U	1 U * F1	1 U	1 U
Dibromochloromethane	50		1.0 U	1.0 U	1.0 U	1 U	1 U	1 U
Ethylbenzene	5		1.0 U	1.0 U	1.0 U	1 U	1 U	1 U
Methyl chloride	5		1.0 U	1.0 U	1.0 U	1 U	1 U	1 U
Methyl ethyl ketone	50		10 U	10 U	10 U	10 U	10 U	10 U
Methylene chloride	5		1.0 U	1.0 U	1.0 U	1 U	1 U	1 U
Styrene	5		1.0 U	1.0 U	1.0 U	1 U	1 U	1 U
Tetrachloroethene	5		1.0 U	1.0 U	1.0 U	1 U	1 U	1 U*
Toluene	5		1.0 U	1.0 U	1.0 U	1 U	1 U	1 U
trans-1,2-Dichloroethene	5		1.0 U	1.0 U	1.0 U	1 U	1 U	1 U
trans-1,3-Dichloropropene	0.4		1.0 U	1.0 U	1.0 U	1 U * F1	1 U	1 U
Trichloroethene	5		1.0 U	1.0 U	1.0 U	1 U	1 U	1 U
Vinyl chloride	2		0.99 J	1.0	0.97 J	1 U	1.1	1 U
Xylenes, Total	5		2.0 U	2.0 U	2.0 U	2 U	2 U	2 U

NOTES:
U - not detected, J - estimated, D - Diluted Result, H - Holding time exceeded, R - unusable, NS - no standard, Dup - duplicate sample,
--- Not analyzed, F - MS and/or MSD recovery/RPD exceeds the control limits
[ ] - Exceeds NYS Class GA Ground Water Qaulity Standard
Trip Blank associated with samples collected on 10/29/07 contained Acetone and Methylene Chloride.
Data have not been validated

RAMBOLL

Table 4
Groundwater Data - VOCs
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW Stds (ug/l)	Location ID	MW-08D	MW-08D	MW-08D	MW-08D	MW-08D	MW-08D
		Depth Interval	-	-	-	--	--	--
		Sample Date	9/24/2019	12/18/2019	3/18/2020	6/17/2020	9/23/2020	12/15/2020
		Sample ID	MW-8D-092419	MW-8D-121819	MW 8 D 031720	MW8D061720	MW8D092320	MW8D 121520
			ug/l	ug/l	ug/l	µg/L	µg/L	µg/L
1,1,1-Trichloroethane	5		1 U	1 U	1 U	1 U F2	1 U	1 U
1,1,2,2-Tetrachloroethane	5		1 U	1 U	1 U	1 U F2	1 U	1 U
1,1,2-Trichloroethane	1		1 U	1 U	1 U	1 U F2	1 U	1 U
1,1-Dichloroethane	5		0.75 J	0.38 J	1 U	0.47 J F2	0.84 J	0.78 J
1,1-Dichloroethene	5		1 U	1 U	1 U	1 U F2	1 U	1 U
1,2-Dichloroethane	0.6		1 U	1 U	1 U	1 U F2	1 U	1 U
1,2-Dichloroethene (Total)	5		---	---	---	---	---	---
1,2-Dichloropropane	1		1 U	1 U	1 U	1 U F2	1 U	1 U
2-Hexanone	50		5 U	5 U	5 U	5 U F2	5 U	5 U
4-Methyl-2-pentanone	NS		5 U	5 U	5 U	5 U	5 U	5 U
Acetone	50		10 U	10 U	10 U	10 U F2	10 U	10 U
Benzene	1		1 U	1 U	1 U	1 U F2	1 U	1 U
Bromodichloromethane	50		1 U	1 U	1 U	1 U F2	1 U	1 U
Bromoform	50		1 U	1 U	1 U	1 U F2	1 U	1 U
Bromomethane	5		1 U	1 U	1 U	1 U	1 U	1 U
Carbon disulfide	60		1 U	1 U	1 U	1 U F2	1 U	1 U
Carbon tetrachloride	5		1 U	1 U	1 U	1 U F2	1 U	1 U
Chlorobenzene	5		1 U	1 U	1 U	1 U F2	1 U	1 U
Chloroethane	5		1 U	1 U	1 U	1 U	1 U	1 U
Chloroform	7		1 U	1 U	1 U	1 U F2	1 U	1 U
cis-1,2-Dichloroethene	5		1 U	1 U	1 U	1 U F2	1 U	1 U
cis-1,3-Dichloropropene	0.4		1 U	1 U	1 U	1 U F2	1 U	1 U
Dibromochloromethane	50		1 U	1 U	1 U	1 U F2	1 U	1 U
Ethylbenzene	5		1 U	1 U	1 U	1 U F2	1 U	1 U
Methyl chloride	5		1 U	1 U	1 U	1 U	1 U	1 U
Methyl ethyl ketone	50		10 U	10 U	10 U	10 U F2	10 U	10 U
Methylene chloride	5		1 U	1 U	1 U	1 U F2	1 U	1 U
Styrene	5		1 U	1 U	1 U	1 U F1 F2	1 U	1 U
Tetrachloroethene	5		1 U	1 U	1 U	1 U F2	1 U	1 U
Toluene	5		1 U	1 U	1 U	1 U F2	1 U	1 U
trans-1,2-Dichloroethene	5		1 U	1 U	1 U	1 U F2	1 U	1 U
trans-1,3-Dichloropropene	0.4		1 U	1 U	1 U	1 U F2	1 U	1 U
Trichloroethene	5		1 U	1 U	1 U	1 U F2	1 U	1 U
Vinyl chloride	2		1.1	1 U	1 U	1 U	1 U	1 U
Xylenes, Total	5		2 U	2 U	2 U	2 U F2	2 U	2 U

NOTES:
U - not detected, J - estimated, D - Diluted Result, H - Holding time exceeded, R - unusable, NS - no standard, Dup - duplicate sample,
--- Not analyzed, F - MS and/or MSD recovery/RPD exceeds the control limits
[ ] - Exceeds NYS Class GA Ground Water Qaulity Standard
Trip Blank associated with samples collected on 10/29/07 contained Acetone and Methylene Chloride.
Data have not been validated

Table 4
Groundwater Data - VOCs
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW Stds (ug/l)	Location ID Depth Interval Sample Date Sample ID	MW-08D -- 3/25/2021 MW8D032521 µg/L	MW-08D -- 6/15/2021 MW8D 061521 µg/L	MW-08D -- 6/15/2021 X-1 061521 µg/L	MW-08D - 9/22/2021 MW8D 092221 ug/l	MW-08D - 12/21/2021 MW8D 122121 ug/l	MW-08D - 3/23/2022 MW8D 032322 ug/l
1,1,1-Trichloroethane	5		1U	1 U	1U	1 U	1.0 U	1.0 U
1,1,2,2-Tetrachloroethane	5		1U	1 U	1U	1 U	1.0 U	1.0 U
1,1,2-Trichloroethane	1		1U	1 U	1U	1 U	1.0 U	1.0 U
1,1-Dichloroethane	5		0.60 J	0.53 J	0.55 J	0.48 J	1.0 U	1.0 U
1,1-Dichloroethene	5		1U	1 U	1U	1 U	1.0 U	1.0 U
1,2-Dichloroethane	0.6		1U	1 U	1U	1 U	1.0 U	1.0 U
1,2-Dichloroethene (Total)	5		---	---	---	---	---	---
1,2-Dichloropropane	1		1U	1 U	1U	1 U	1.0 U	1.0 U
2-Hexanone	50		5U	5 U	5U	5 U	5.0 U	5.0 U
4-Methyl-2-pentanone	NS		5U	5 U	5U	5 U	5.0 U	5.0 U
Acetone	50		10U	10 U	10U	10 U	10 U	10 U
Benzene	1		1U	1 U	1U	1 U	1.0 U	1.0 U
Bromodichloromethane	50		1U	1 U	1U	1 U	1.0 U	1.0 U
Bromoform	50		1U	1 U	1U	1 U	1.0 U	1.0 U
Bromomethane	5		1U	1 U	1U	1 U	1.0 U	1.0 U
Carbon disulfide	60		1U	1 U	1U	1 U	1.0 U	1.0 U
Carbon tetrachloride	5		1U	1 U	1U	1 U	1.0 U	1.0 U
Chlorobenzene	5		1U	1 U	1U	1 U	1.0 U	1.0 U
Chloroethane	5		1U	1 U	1U	1 U	1.0 U	1.0 U *1
Chloroform	7		1U	1 U	1U	1 U	1.0 U	1.0 U
cis-1,2-Dichloroethene	5		1U	1 U	1U	1 U	1.0 U	1.0 U
cis-1,3-Dichloropropene	0.4		1U	1 U	1U	1 U	1.0 U	1.0 U
Dibromochloromethane	50		1U	1 U	1U	1 U	1.0 U	1.0 U
Ethylbenzene	5		1U	1 U	1U	1 U	1.0 U	1.0 U
Methyl chloride	5		1U	1 U	1U	1 U	1.0 U	1.0 U
Methyl ethyl ketone	50		10U	10 U	10U	10 U	10 U	10 U
Methylene chloride	5		1U	1 U	1U	1 U	1.0 U	1.0 U
Styrene	5		1U	1 U	1U	1 U	1.0 U	1.0 U
Tetrachloroethene	5		1U	1 U	1U	1 U	1.0 U	1.0 U
Toluene	5		1U	1 U	1U	1 U	1.0 U	1.0 U
trans-1,2-Dichloroethene	5		1U	1 U	1U	1 U	1.0 U	1.0 U
trans-1,3-Dichloropropene	0.4		1U	1 U	1U	1 U	1.0 U	1.0 U
Trichloroethene	5		1U	1 U	1U	1 U	1.0 U	1.0 U
Vinyl chloride	2		1U	1 U	1U	1 U	1.0 U	1.0 U
Xylenes, Total	5		2U	2 U	2U	2 U	2.0 U	2.0 U

NOTES:
U - not detected, J - estimated, D - Diluted Result, H - Holding time exceeded, R - unusable, NS - no standard, Dup - duplicate sample,
--- Not analyzed, F - MS and/or MSD recovery/RPD exceeds the control limits
[ ] - Exceeds NYS Class GA Ground Water Qaulity Standard
Trip Blank associated with samples collected on 10/29/07 contained Acetone and Methylene Chloride.
Data have not been validated

RAMBOLL

Table 4
Groundwater Data - VOCs
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW Stds (ug/l)	Location ID Depth Interval Sample Date Sample ID	MW-08D - 3/23/2022 X-1 032322 ug/l	MW-08D - 6/23/2022 MW-8D 062322 ug/l	MW-08D - 9/28/2022 MW8D 092822 ug/l	MW-08D - 12/22/2022 MW8D122222 ug/l
1,1,1-Trichloroethane	5		1.0 U	1.0 U	1.0 U	1.0 U
1,1,2,2-Tetrachloroethane	5		1.0 U	1.0 U	1.0 U *+	1.0 U
1,1,2-Trichloroethane	1		1.0 U	1.0 U	1.0 U	1.0 U
1,1-Dichloroethane	5		1.0 U	1.0 U	0.71 J *+	0.43 J
1,1-Dichloroethene	5		1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichloroethane	0.6		1.0 U	1.0 U	1.0 U *+	1.0 U
1,2-Dichloroethene (Total)	5		---	---	---	---
1,2-Dichloropropane	1		1.0 U	1.0 U	1.0 U *+	1.0 U
2-Hexanone	50		5.0 U	5.0 U	5.0 U	5.0 U *+
4-Methyl-2-pentanone	NS		5.0 U	5.0 U	5.0 U	5.0 U *+
Acetone	50		10 U	10 U	10 U	10 U
Benzene	1		1.0 U	1.0 U	1.0 U	1.0 U
Bromodichloromethane	50		1.0 U	1.0 U	1.0 U *+	1.0 U
Bromoform	50		1.0 U	1.0 U	1.0 U	1.0 U
Bromomethane	5		1.0 U	1.0 U	1.0 U	1.0 U
Carbon disulfide	60		1.0 U	1.0 U	1.0 U	1.0 U
Carbon tetrachloride	5		1.0 U	1.0 U	1.0 U	1.0 U
Chlorobenzene	5		1.0 U	1.0 U	1.0 U	1.0 U
Chloroethane	5		1.0 U *1	1.0 U	1.0 U	1.0 U
Chloroform	7		1.0 U	1.0 U	1.0 U	1.0 U
cis-1,2-Dichloroethene	5		1.0 U	1.0 U	1.0 U	1.0 U
cis-1,3-Dichloropropene	0.4		1.0 U	1.0 U	1.0 U *+	1.0 U
Dibromochloromethane	50		1.0 U	1.0 U	1.0 U *+	1.0 U
Ethylbenzene	5		1.0 U	1.0 U	1.0 U	1.0 U
Methyl chloride	5		1.0 U	1.0 U	1.0 U	1.0 U
Methyl ethyl ketone	50		10 U	10 U	10 U *+	10 U
Methylene chloride	5		1.0 U	1.0 U	1.0 U *+	1.0 U
Styrene	5		1.0 U	1.0 U	1.0 U *+	1.0 U
Tetrachloroethene	5		1.0 U	1.0 U	1.0 U *+	1.0 U
Toluene	5		1.0 U	1.0 U	1.0 U	1.0 U
trans-1,2-Dichloroethene	5		1.0 U	1.0 U	1.0 U	1.0 U
trans-1,3-Dichloropropene	0.4		1.0 U	1.0 U	1.0 U	1.0 U
Trichloroethene	5		1.0 U	1.0 U	1.0 U	1.0 U
Vinyl chloride	2		1.0 U	1.4	1.0 U	1.0 U
Xylenes, Total	5		2.0 U	2.0 U	2.0 U	2.0 U

NOTES:
U - not detected, J - estimated, D - Diluted Result, H - Holding time exceeded, R - unusable, NS - no standard, Dup - duplicate sample,
--- Not analyzed, F - MS and/or MSD recovery/RPD exceeds the control limits
[ ] - Exceeds NYS Class GA Ground Water Qaulity Standard
Trip Blank associated with samples collected on 10/29/07 contained Acetone and Methylene Chloride.
Data have not been validated

Table 4
Groundwater Data - VOCs
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW Stds (ug/l)	Location ID / Depth Interval / Sample Date / Sample ID	MW-08DD 53 - 56 7/28/2003 MW-08DD_WG_072803 ug/l	MW-08DD 69 - 70 7/28/2003 MW-08DD_WG_072803 ug/l	MW-08DD 80 - 83 7/28/2003 MW-08DD_WG_072803 ug/l	MW-08DD - 2/4/2004 MW-08DD_WG_02040[illegible] ug/l	MW-08DD 53 - 56 5/17/2004 MW-08DD_WG_051704 ug/l	MW-08DD 53 - 56 8/4/2004 MW-08DD_WG_080404 ug/l
1,1,1-Trichloroethane	5		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1,2,2-Tetrachloroethane	5		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1,2-Trichloroethane	1		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1-Dichloroethane	5		1	1	1	0.2 J	1	0.9
1,1-Dichloroethene	5		0.1 J	0.1 J	0.5 U	0.5 U	0.5 U	0.5 U
1,2-Dichloroethane	0.6		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,2-Dichloroethene (Total)	5		---	---	---	---	---	---
1,2-Dichloropropane	1		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
2-Hexanone	50		5 U	5 U	5 U	5 U	5 U	5 U
4-Methyl-2-pentanone	NS		5 U	5 U	5 U	5 U	5 U	5 U
Acetone	50		10 U	10 U	10 U	10 U	1 J	10 U
Benzene	1		0.5 U	0.5 U	0.5 U	0.1 J	0.2 J	0.5 U
Bromodichloromethane	50		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Bromoform	50		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Bromomethane	5		1 U	1 U	1 U	1 U	1 U	1 U
Carbon disulfide	60		0.5 U	0.5 U	0.5 U	0.5 U	0.1 J	0.5 U
Carbon tetrachloride	5		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Chlorobenzene	5		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Chloroethane	5		1 U	1 U	1 U	1 U	1 U	1 U
Chloroform	7		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
cis-1,2-Dichloroethene	5		**[8]**	**[11]**	**[12]**	0.7	0.6	0.7
cis-1,3-Dichloropropene	0.4		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Dibromochloromethane	50		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Ethylbenzene	5		0.5 U	0.5 U	0.5 U	0.5 U	0.3 J	0.1 J
Methyl chloride	5		1 U	1 U	1 U	1 U	1 U	1 U
Methyl ethyl ketone	50		10 U	10 U	10 U	10 U	10 U	10 U
Methylene chloride	5		2 U	2 U	2 U	2 U	2 U	2 U
Styrene	5		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Tetrachloroethene	5		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Toluene	5		0.5 U	0.5 U	0.2 J	0.1 J	0.5	0.3 J
trans-1,2-Dichloroethene	5		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
trans-1,3-Dichloropropene	0.4		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Trichloroethene	5		0.5 U	0.5 U	0.5 U	0.1 J	0.5 U	0.5 U
Vinyl chloride	2		**[15]**	**[14]**	**[16]**	0.8 J	1	1
Xylenes, Total	5		0.5 U	0.5 U	0.5	0.5	3	1

NOTES:
U - not detected, J - estimated, D - Diluted Result, H - Holding time exceeded, R - unusable, NS - no standard, Dup - duplicate sample,
--- Not analyzed, F - MS and/or MSD recovery/RPD exceeds the control limits
[ ] - Exceeds NYS Class GA Ground Water Qaulity Standard
Trip Blank associated with samples collected on 10/29/07 contained Acetone and Methylene Chloride.
Data have not been validated

Table 4
Groundwater Data - VOCs
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW Stds (ug/l)	Location ID / Depth Interval / Sample Date / Sample ID	MW-08DD 53 - 56 11/15/2004 MW-08DD_WG_111504 ug/l	MW-08DD 53 - 56 2/15/2005 MW-08DD_WG_021505 ug/l	MW-08DD 53 - 56 4/19/2005 MW-08DD_WG_041905 ug/l	MW-08DD - 9/8/2005 MW-8DD_09082005 ug/l	MW-08DD - 11/16/2005 MW-8DD_11162005 ug/l	MW-08DD - 4/26/2006 MW-8DD_04262006 ug/l
1,1,1-Trichloroethane	5		0.5 U	0.5 U	0.5 U	0.50 U	0.50 U	0.50 U
1,1,2,2-Tetrachloroethane	5		0.5 U	0.5 U	0.5 U	0.50 U	0.50 U	0.50 U
1,1,2-Trichloroethane	1		0.5 U	0.5 U	0.5 U	0.50 U	0.50 U	0.50 U
1,1-Dichloroethane	5		1	0.7	0.8	0.66	0.73	0.54
1,1-Dichloroethene	5		0.5 U	0.5 U	0.5 U	0.50 U	0.50 U	0.50 U
1,2-Dichloroethane	0.6		0.5 U	0.5 U	0.5 U	0.50 U	0.50 U	0.50 U
1,2-Dichloroethene (Total)	5		---	---	---	---	---	---
1,2-Dichloropropane	1		0.5 U	0.5 U	0.5 U	0.50 U	0.50 U	0.50 U
2-Hexanone	50		5 U	5 U	5 U	5.00 U	5.00 U	5.00 U
4-Methyl-2-pentanone	NS		5 U	5 U	5 U	5.00 U	5.00 U	5.00 U
Acetone	50		10 U	2 J	10 U	1.34 J	10.0 U	10.0 U
Benzene	1		0.1 J	0.5 U	0.5 U	0.50 U	0.10 J	0.14 J
Bromodichloromethane	50		0.5 U	0.5 U	0.5 U	0.50 U	0.50 U	0.50 U
Bromoform	50		0.5 U	0.5 U	0.5 U	0.50 U	0.50 U	0.50 U
Bromomethane	5		1 U	1 U	1 U	1.00 U	1.00 U	1.00 U
Carbon disulfide	60		0.1 J	0.5 U	0.1 J	0.17 J	0.14 J	0.22 J
Carbon tetrachloride	5		0.5 U	0.5 U	0.5 U	0.50 U	0.50 U	0.50 U
Chlorobenzene	5		0.5 U	0.5 U	0.5 U	0.50 U	0.50 U	0.50 U
Chloroethane	5		1 U	1 U	1 U	1.00 U	1.00 U	1.00 U
Chloroform	7		0.5 U	0.5 U	0.5 U	0.50 U	0.50 U	0.50 U
cis-1,2-Dichloroethene	5		1	0.4 J	0.8	1.56	0.14 J	0.50 U
cis-1,3-Dichloropropene	0.4		0.5 U	0.5 U	0.5 U	0.50 U	0.50 U	0.50 U
Dibromochloromethane	50		0.5 U	0.5 U	0.5 U	0.50 U	0.50 U	0.50 U
Ethylbenzene	5		0.2 J	0.5 U	0.5 U	0.50 U	0.50 U	0.50 U
Methyl chloride	5		1 U	1 U	1 U	1.00 U	1.00 U	1.00 U
Methyl ethyl ketone	50		10 U	10 U	10 U	10.0 U	10.0 U	10.0 U
Methylene chloride	5		2 U	2 U	2 U	2.00 U	0.17 J	0.23 J
Styrene	5		0.5 U	0.5 U	0.5 U	0.50 U	0.50 U	0.50 U
Tetrachloroethene	5		0.5 U	0.5 U	0.5 U	0.50 U	0.50 U	0.50 U
Toluene	5		0.1 J	0.5 U	0.5 U	0.50 U	0.50 U	0.50 U
trans-1,2-Dichloroethene	5		0.5 U	0.5 U	0.5 U	0.50 U	0.50 U	0.50 U
trans-1,3-Dichloropropene	0.4		0.5 U	0.5 U	0.5 U	0.50 U	0.50 U	0.50 U
Trichloroethene	5		0.1 J	0.5 U	0.5 U	0.50 U	0.50 U	0.50 U
Vinyl chloride	2		**[2]**	0.7 J	**[2]**	**[2.99]**	0.25 J	1.00 U
Xylenes, Total	5		0.8	0.2 J	0.5 U	1.00 U	1.00 U	1.00 U

NOTES:
U - not detected, J - estimated, D - Diluted Result, H - Holding time exceeded, R - unusable, NS - no standard, Dup - duplicate sample,
--- Not analyzed, F - MS and/or MSD recovery/RPD exceeds the control limits
[ ] - Exceeds NYS Class GA Ground Water Qaulity Standard
Trip Blank associated with samples collected on 10/29/07 contained Acetone and Methylene Chloride.
Data have not been validated

RAMBOLL

Table 4
Groundwater Data - VOCs
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW Stds (ug/l)	Location ID / Depth Interval / Sample Date / Sample ID	MW-08DD - 11/15/2006 MW-8DD_11152006 ug/l	MW-08DD - 5/2/2007 MW-08DD_050207 ug/l	MW-08DD - 11/1/2007 MW-8DD-110107 ug/l	MW-08DD - 5/22/2008 MW-8DD-052208 ug/l	MW-08DD - 11/18/2008 MW-8DD-111808 ug/l	MW-08DD - 10/20/2009 MW-8DD-10202009 ug/l
1,1,1-Trichloroethane	5		0.50 U	0.5 U	0.5 HU	0.5 U	0.5 U	1 U
1,1,2,2-Tetrachloroethane	5		0.50 U	0.5 U	0.5 HU	0.5 U	0.5 U	1 U
1,1,2-Trichloroethane	1		0.50 U	0.5 U	0.5 HU	0.5 U	0.5 U	1 U
1,1-Dichloroethane	5		0.48 J	0.41 J	0.28 JH	0.34 J	0.35 J	1 U
1,1-Dichloroethene	5		0.50 U	0.5 U	0.5 HU	0.5 U	0.5 U	1 U
1,2-Dichloroethane	0.6		0.50 U	0.5 U	0.5 HU	0.5 U	0.5 U	1 U
1,2-Dichloroethene (Total)	5		---	---	---	---	---	---
1,2-Dichloropropane	1		0.50 U	0.5 U	0.5 HU	0.5 U	0.5 U	1 U
2-Hexanone	50		5.00 U	5 U	5 HU	5 U	5 U	5 U
4-Methyl-2-pentanone	NS		5.00 U	5 U	5 HU	5 U	5 U	5 U
Acetone	50		10.0 U	10 U	10 HU	10 U	10 U	5 U
Benzene	1		0.10 J	0.5 U	0.5 HU	0.5 U	0.5 U	1 U
Bromodichloromethane	50		0.50 U	0.5 U	0.5 HU	0.5 U	0.5 U	1 U
Bromoform	50		0.50 U	0.5 U	0.5 HU	1 U	1 U	1 U
Bromomethane	5		1.00 U	1 U	1 HU	1 U	1 U	1 U
Carbon disulfide	60		0.10 J	0.5 U	0.5 HU	0.5 U	0.5 U	1 U
Carbon tetrachloride	5		0.50 U	0.5 U	0.5 HU	0.5 U	0.5 U	1 U
Chlorobenzene	5		0.50 U	0.5 U	0.5 HU	0.5 U	0.5 U	1 U
Chloroethane	5		1.00 U	1 U	1 HU	1 U	1 U	1 U
Chloroform	7		0.50 U	0.5 U	0.5 HU	0.5 U	0.5 U	1 U
cis-1,2-Dichloroethene	5		0.50 U	0.42 J	1.83 H	0.5 U	0.62	1 U
cis-1,3-Dichloropropene	0.4		0.50 U	0.5 U	0.5 HU	0.5 U	0.5 U	1 U
Dibromochloromethane	50		0.50 U	0.5 U	0.5 HU	0.5 U	0.5 U	1 U
Ethylbenzene	5		0.50 U	0.5 U	0.5 HU	0.5 U	0.5 U	1 U
Methyl chloride	5		1.00 U	1 U	1 HU	1 U	1 U	---
Methyl ethyl ketone	50		10.0 U	10 U	10 HU	10 U	10 U	---
Methylene chloride	5		2.00 U	2 U	2 HU	2 U	2 U	1 U
Styrene	5		0.50 U	0.5 U	0.5 HU	0.5 U	0.5 U	1 U
Tetrachloroethene	5		0.50 U	0.5 U	0.5 HU	0.5 U	0.5 U	1 U
Toluene	5		0.50 U	0.5 U	0.5 HU	0.5 U	0.5 U	1.2
trans-1,2-Dichloroethene	5		0.50 U	0.5 U	0.5 HU	0.5 U	0.5 U	1 U
trans-1,3-Dichloropropene	0.4		0.50 U	0.5 U	0.5 HU	0.5 U	0.5 U	1 U
Trichloroethene	5		0.50 U	0.5 U	0.5 HU	0.5 U	0.5 U	1 U
Vinyl chloride	2		1.00 U	0.81 J	**[2.47] H**	1 U	1.19	1 U
Xylenes, Total	5		1.00 U	1 U	1 HU	1 U	1 U	2 U

NOTES:
U - not detected, J - estimated, D - Diluted Result, H - Holding time exceeded, R - unusable, NS - no standard, Dup - duplicate sample,
--- Not analyzed, F - MS and/or MSD recovery/RPD exceeds the control limits
[ ] - Exceeds NYS Class GA Ground Water Qaulity Standard
Trip Blank associated with samples collected on 10/29/07 contained Acetone and Methylene Chloride.
Data have not been validated

Table 4
Groundwater Data - VOCs
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW Stds (ug/l)	Location ID	MW-08DD	MW-08DD	MW-08DD	MW-08DD	MW-08DD	MW-08DD
		Depth Interval			-	-		-
		Sample Date	05/18/2010	01/18/2011	4/19/2011	7/27/2011	10/25/2011	3/21/2012
		Sample ID	V-8DD-051810051820	MW-8DD-01182011	MW-8DD-041911	MW-8DD072711	MW8DD102511	MW8DD032112
			ug/l	ug/l	ug/l	ug/l	ug/l	ug/l
1,1,1-Trichloroethane	5		1 U	1 U	1 U	1 U	1 U	1 U
1,1,2,2-Tetrachloroethane	5		1 U	1 U	1 U	1 U	1 U	1 U
1,1,2-Trichloroethane	1		1 U	1 U	1 U	1 U	1 U	1 U
1,1-Dichloroethane	5		1 U	1 U	1 U	1 U	1 U	1 U
1,1-Dichloroethene	5		1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichloroethane	0.6		1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichloroethene (Total)	5		---	---	---	---	---	---
1,2-Dichloropropane	1		1 U	1 U	1 U	1 U	1 U	1 U
2-Hexanone	50		5 U	5 U	5 U	5 U	5 U	5 U
4-Methyl-2-pentanone	NS		5 U	5 U	5 U	5 U	5 U	5 U
Acetone	50		5 U	10 U	10 U	10 U	10 U	10 U
Benzene	1		1 U	1 U	1 U	1 U	1 U	1 U
Bromodichloromethane	50		1 U	1 U	1 U	1 U	1 U	1 U
Bromoform	50		1 U	1 U	1 U	1 U	1 U	1 U
Bromomethane	5		1 U	1 U	1 U	1 U	1 U	1 U
Carbon disulfide	60		1 U	1 U	1 U	1 U	1 U	1 U
Carbon tetrachloride	5		1 U	1 U	1 U	1 U	1 U	1 U
Chlorobenzene	5		1 U	1 U	1 U	1 U	1 U	1 U
Chloroethane	5		1 U	1 U	1 U	1 U	1 U	1 U
Chloroform	7		1 U	1 U	1 U	1 U	1 U	1 U
cis-1,2-Dichloroethene	5		1 U	2	1 U	1 U	1.1	1 U
cis-1,3-Dichloropropene	0.4		1 U	1 U	1 U	1 U	1 U	1 U
Dibromochloromethane	50		1 U	1 U	1 U	1 U	1 U	1 U
Ethylbenzene	5		1 U	1 U	1 U	1 U	1 U	1 U
Methyl chloride	5		1 U	1 U	1 U	1 U	1 U	1 U
Methyl ethyl ketone	50		5 U	10 U	10 U	10 U	10 U	10 U
Methylene chloride	5		1 U	1 U	1 U	1 U	1 U	1 U
Styrene	5		1 U	1 U	1 U	1 U	1 U	1 U
Tetrachloroethene	5		1 U	1 U	1 U	1 U	1 U	1 U
Toluene	5		1 U	1 U	1 U	1 U	1 U	1 U
trans-1,2-Dichloroethene	5		1 U	1 U	1 U	1 U	1 U	1 U
trans-1,3-Dichloropropene	0.4		1 U	1 U	1 U	1 U	1 U	1 U
Trichloroethene	5		1 U	1 U	1 U	1 U	1 U	1 U
Vinyl chloride	2		1.3	**[2.2]**	0.99 J	1 U	1.3	1 U
Xylenes, Total	5		2 U	2 U	2 U	2 U	2 U	2 U

NOTES:
U - not detected, J - estimated, D - Diluted Result, H - Holding time exceeded, R - unusable, NS - no standard, Dup - duplicate sample,
--- Not analyzed, F - MS and/or MSD recovery/RPD exceeds the control limits
[ ] - Exceeds NYS Class GA Ground Water Qaulity Standard
Trip Blank associated with samples collected on 10/29/07 contained Acetone and Methylene Chloride.
Data have not been validated

RAMBOLL

Table 4
Groundwater Data - VOCs
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW Stds (ug/l)	Location ID / Depth Interval / Sample Date / Sample ID	MW-8DD 8/8/2012 MW8DD080812 ug/l	MW-8DD - 12/18/2012 MW-8DD-121812 ug/l	MW-8DD - 5/22/2013 MW-8DD-052213 ug/l	MW-8DD - 8/20/2013 MW-8DD-082013 ug/l	MW-8DD - 12/17/2013 MW-8DD-121713 ug/l	MW-8DD - 3/26/2014 MW-8DD-032614 ug/l
1,1,1-Trichloroethane	5		1 U	1 U	1 U	1 U	1 U	1 U
1,1,2,2-Tetrachloroethane	5		1 U	1 U	1 U	1 U	1 U	1 U
1,1,2-Trichloroethane	1		1 U	1 U	1 U	1 U	1 U	1 U
1,1-Dichloroethane	5		1 U	1 U	1 U	1 U	1 U	1 U
1,1-Dichloroethene	5		1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichloroethane	0.6		1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichloroethene (Total)	5		---	---	---	---	---	---
1,2-Dichloropropane	1		1 U	1 U	1 U	1 U	1 U	1 U
2-Hexanone	50		5 U	5 U	5 U	5 U	5 U	5 U
4-Methyl-2-pentanone	NS		5 U	5 U	5 U	5 U	5 U	5 U
Acetone	50		10 U	10 U	10 U	10 U	10 U	10 U
Benzene	1		1 U	1 U	1 U	1 U	1 U	1 U
Bromodichloromethane	50		1 U	1 U	1 U	1 U	1 U	1 U
Bromoform	50		1 U	1 U	1 U	1 U	1 U	1 U
Bromomethane	5		1 U	1 U	1 U	1 U	1 U	1 U
Carbon disulfide	60		1 U	1 U	1 U	1 U	1 U	1 U
Carbon tetrachloride	5		1 U	1 U	1 U	1 U	1 U	1 U
Chlorobenzene	5		1 U	1 U	1 U	1 U	1 U	1 U
Chloroethane	5		1 U	1 U	1 U	1 U	1 U	1 U
Chloroform	7		1 U	1 U	1 U	1 U	1 U	1 U
cis-1,2-Dichloroethene	5		1 U	1 U	1 U	1 U	1 U	0.92 J
cis-1,3-Dichloropropene	0.4		1 U	1 U	1 U	1 U	1 U	1 U
Dibromochloromethane	50		1 U	1 U	1 U	1 U	1 U	1 U
Ethylbenzene	5		1 U	1 U	1 U	1 U	1 U	1 U
Methyl chloride	5		1 U	1 U	1 U	1 U	1 U	1 U
Methyl ethyl ketone	50		10 U	10 U	10 U	10 U	10 U	10 U
Methylene chloride	5		1 U	1 U	1 U	1 U	1 U	1 U
Styrene	5		1 U	1 U	1 U	1 U	1 U	1 U
Tetrachloroethene	5		1 U	1 U	1 U	1 U	1 U	1 U
Toluene	5		1 U	1 U	1 U	1 U	1 U	1 U
trans-1,2-Dichloroethene	5		1 U	1 U	1 U	1 U	1 U	1 U
trans-1,3-Dichloropropene	0.4		1 U	1 U	1 U	1 U	1 U	1 U
Trichloroethene	5		1 U	1 U	1 U	1 U	1 U	1 U
Vinyl chloride	2		1 U	1 U	1 U	1 U	1 U	0.93 J
Xylenes, Total	5		2 U	2 U	2 U	2 U	2 U	2 U

NOTES:
U - not detected, J - estimated, D - Diluted Result, H - Holding time exceeded, R - unusable, NS - no standard, Dup - duplicate sample,
--- Not analyzed, F - MS and/or MSD recovery/RPD exceeds the control limits
[ ] - Exceeds NYS Class GA Ground Water Qaulity Standard
Trip Blank associated with samples collected on 10/29/07 contained Acetone and Methylene Chloride.
Data have not been validated

RAMBOLL

Table 4
Groundwater Data - VOCs
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW Stds (ug/l)	Location ID / Depth Interval / Sample Date / Sample ID	MW-8DD - 6/11/2014 MW-8DD-061114 ug/l	MW-8DD - 9/24/2014 MW8DD092414 ug/l	MW-8DD - 12/10/2014 MW 8DD 121014 ug/l	MW-8DD - 3/18/2015 MW8DD031815 ug/l	MW-8DD - 6/24/2015 MW8DD062415 ug/l	MW-8DD - 9/23/2015 MW8DD 092315 ug/l
1,1,1-Trichloroethane	5		1 U	1 U	1 U*	1 U	1 U	1 U
1,1,2,2-Tetrachloroethane	5		1 U	1 U	1 U	1 U	1 U	1 U
1,1,2-Trichloroethane	1		1 U	1 U	1 U	1 U	1 U	1 U
1,1-Dichloroethane	5		1 U	1 U	1 U	1 U	1 U	1 U
1,1-Dichloroethene	5		1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichloroethane	0.6		1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichloroethene (Total)	5		---	---	---	---	---	---
1,2-Dichloropropane	1		1 U	1 U	1 U	1 U	1 U	1 U
2-Hexanone	50		5 U	5 U	5 U	5 U	5 U	5 U
4-Methyl-2-pentanone	NS		5 U	5 U	5 U	5 U	5 U	5 U
Acetone	50		10 U	10 U	10 U	10 U	10 U	10 U
Benzene	1		1 U	1 U	1 U	1 U	1 U	1 U
Bromodichloromethane	50		1 U	1 U	1 U	1 U	1 U	1 U
Bromoform	50		1 U	1 U	1 U*	1 U	1 U	1 U
Bromomethane	5		1 U	1 U	1 U	1 U	1 U	1 U
Carbon disulfide	60		1 U	1 U	1 U	1 U	1 U	1 U
Carbon tetrachloride	5		1 U	1 U	1 U	1 U	1 U	1 U
Chlorobenzene	5		1 U	1 U	1 U	1 U	1 U	1 U
Chloroethane	5		1 U	1 U	1 U	1 U	1 U	1 U
Chloroform	7		1 U	1 U	1 U	1 U	1 U	1 U
cis-1,2-Dichloroethene	5		1 U	1 U	1 U	1 U	1 U	1.3
cis-1,3-Dichloropropene	0.4		1 U	1 U	1 U	1 U	1 U	1 U
Dibromochloromethane	50		1 U	1 U	1 U*	1 U	1 U	1 U
Ethylbenzene	5		1 U	1 U	1 U	1 U	1 U	1 U
Methyl chloride	5		1 U	1 U	1 U	1 U	1 U	1 U
Methyl ethyl ketone	50		10 U	10 U	10 U	10 U	10 U	10 U
Methylene chloride	5		1 U	1 U	1 U	1 U	1 U	1 U
Styrene	5		1 U	1 U	1 U	1 U	1 U	1 U
Tetrachloroethene	5		1 U	1 U	1 U	1 U	1 U	1 U
Toluene	5		1 U	1 U	1 U	1 U	1 U	1 U
trans-1,2-Dichloroethene	5		1 U	1 U	1 U	1 U	1 U	1 U
trans-1,3-Dichloropropene	0.4		1 U	1 U	1 U	1 U	1 U	1 U
Trichloroethene	5		1 U	1 U	1 U	1 U	1 U	1 U
Vinyl chloride	2		1 U	1 U	1 U	1 U	1 U	1.6
Xylenes, Total	5		2 U	2 U	2 U	2 U	2 U	2 U

NOTES:
U - not detected, J - estimated, D - Diluted Result, H - Holding time exceeded, R - unusable, NS - no standard, Dup - duplicate sample,
--- Not analyzed, F - MS and/or MSD recovery/RPD exceeds the control limits
[ ] - Exceeds NYS Class GA Ground Water Qaulity Standard
Trip Blank associated with samples collected on 10/29/07 contained Acetone and Methylene Chloride.
Data have not been validated

RAMBOLL

Table 4
Groundwater Data - VOCs
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW Stds (ug/l)	Location ID / Depth Interval / Sample Date / Sample ID	MW-8DD - 1/13/2016 MW8DD 011316 ug/l	MW-8DD - 3/30/2016 MW-8DD-033016 ug/l	MW-8DD - 6/22/2016 MW-8DD-062216 ug/l	MW-8DD - 9/21/2016 MW-8DD-092116 ug/l	MW-8DD - 12/21/2016 MW-8DD-122116 ug/l	MW-8DD - 4/13/2017 MW-8DD-041317 ug/l
1,1,1-Trichloroethane	5		1 U	1 U	1 U	1 U	1 U	1 U
1,1,2,2-Tetrachloroethane	5		1 U	1 U	1 U	1 U	1 U	1 U
1,1,2-Trichloroethane	1		1 U	1 U	1 U	1 U	1 U	1 U
1,1-Dichloroethane	5		1 U	1 U	1 U	1 U	1 U	1 U
1,1-Dichloroethene	5		1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichloroethane	0.6		1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichloroethene (Total)	5		---	----	---	---	---	---
1,2-Dichloropropane	1		1 U	1 U	1 U	1 U	1 U	1 U
2-Hexanone	50		5 U	5 U	5 U	5 U	5 U	5 U
4-Methyl-2-pentanone	NS		5 U	5 U	5 U	5 U	5 U	5 U
Acetone	50		10 U *	10 U*	10 U	10 U	10 U	10 U
Benzene	1		1 U	1 U	1 U	1 U	1 U	1 U
Bromodichloromethane	50		1 U	1 U	1 U	1 U	1 U	1 U
Bromoform	50		1 U	1 U	1 U	1 U	1 U	1 U
Bromomethane	5		1 U	1 U	1 U	1 U	1 U	1 U
Carbon disulfide	60		1 U	1 U	1 U	1 U	1 U	1 U
Carbon tetrachloride	5		1 U	1 U	1 U	1 U	1 U	1 U
Chlorobenzene	5		1 U	1 U	1 U	1 U	1 U	1 U
Chloroethane	5		1 U	1 U	1 U	1 U	1 U	1 U
Chloroform	7		1 U	1 U	1 U	1 U	1 U	1 U
cis-1,2-Dichloroethene	5		1 U	1 U	1 U	1 U	1 U	1 U
cis-1,3-Dichloropropene	0.4		1 U	1 U	1 U	1 U	1 U	1 U
Dibromochloromethane	50		1 U	1 U	1 U	1 U	1 U	1 U
Ethylbenzene	5		1 U	1 U	1 U	1 U	1 U	1 U
Methyl chloride	5		1 U	1 U	1 U	1 U	1 U	1 U
Methyl ethyl ketone	50		10 U	10 U	10 U	10 U	10 U *	10 U
Methylene chloride	5		1 U	1 U	1 U	1 U	1 U	1 U
Styrene	5		1 U	1 U	1 U	1 U	1 U	1 U
Tetrachloroethene	5		1 U	1 U	1 U	0.46 J	1 U	1 U
Toluene	5		1 U	1 U	1 U	1 U	1 U	1 U
trans-1,2-Dichloroethene	5		1 U	1 U	1 U	1 U	1 U	1 U
trans-1,3-Dichloropropene	0.4		1 U	1 U	1 U	1 U	1 U	1 U
Trichloroethene	5		1 U	1 U	1 U	1.5	1 U	1 U
Vinyl chloride	2		1 U	1 U	1 U	1 U	1 U	1 U
Xylenes, Total	5		2 U	2 U	2 U	2 U	2 U	2 U

NOTES:
U - not detected, J - estimated, D - Diluted Result, H - Holding time exceeded, R - unusable, NS - no standard, Dup - duplicate sample,
--- Not analyzed, F - MS and/or MSD recovery/RPD exceeds the control limits
[ ] - Exceeds NYS Class GA Ground Water Qaulity Standard
Trip Blank associated with samples collected on 10/29/07 contained Acetone and Methylene Chloride.
Data have not been validated

Table 4
Groundwater Data - VOCs
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW Stds (ug/l)	Location ID / Depth Interval / Sample Date / Sample ID	MW-8DD - 6/28/2017 MW-8DD-062817 ug/l	MW-8DD - 9/13/2017 MW-8DD-062817 ug/l	MW-8DD - 12/20/217 MW-8DD-122017 ug/l	X-1 - 12/20/217 MW-8DD-122017 ug/l	MW-08DD - 3/14/2018 MW 8DD 031418 ug/l	MW-08DD - 6/19/2018 MW 8DD 061918 ug/l
1,1,1-Trichloroethane	5		1 U	1 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1,2,2-Tetrachloroethane	5		1 U	1 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1,2-Trichloroethane	1		1 U	1 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1-Dichloroethane	5		1 U	1 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1-Dichloroethene	5		1 U	1 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichloroethane	0.6		1 U	1 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichloroethene (Total)	5		---	---	---	---	---	---
1,2-Dichloropropane	1		1 U	1 U	1.0 U	1.0 U	1.0 U	1.0 U
2-Hexanone	50		5 U	5 U	5.0 U	5.0 U	5.0 U	5.0 U
4-Methyl-2-pentanone	NS		5 U	5 U	5.0 U	5.0 U	5.0 U	5.0 U
Acetone	50		10 U	10 U	10 U	10 U	10 U	10 U
Benzene	1		1 U	1 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromodichloromethane	50		1 U	1 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromoform	50		1 U	1 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromomethane	5		1 U	1 U	1.0 U	1.0 U	1.0 U	1.0 U
Carbon disulfide	60		1 U	1 U	1.0 U	1.0 U	1.0 U	1.0 U
Carbon tetrachloride	5		1 U	1 U	1.0 U	1.0 U	1.0 U	1.0 U
Chlorobenzene	5		1 U	1 U	1.0 U	1.0 U	1.0 U	1.0 U
Chloroethane	5		1 U	1 U	1.0 U	1.0 U	1.0 U	1.0 U
Chloroform	7		1 U	1 U	1.0 U	1.0 U	1.0 U	1.0 U
cis-1,2-Dichloroethene	5		1 U	1 U	1.0 U	1.0 U	1.0 U	1.0 U
cis-1,3-Dichloropropene	0.4		1 U	1 U	1.0 U	1.0 U	1.0 U	1.0 U
Dibromochloromethane	50		1 U	1 U	1.0 U	1.0 U	1.0 U	1.0 U
Ethylbenzene	5		1 U	1 U	1.0 U	1.0 U	1.0 U	1.0 U
Methyl chloride	5		1 U	1 U	1.0 U	1.0 U	1.0 U	1.0 U
Methyl ethyl ketone	50		10 U	10 U	10 U	10 U	10 U	10 U
Methylene chloride	5		1 U	1 U	1.0 U	1.0 U	1.0 U	1.0 U
Styrene	5		1 U	1 U	1.0 U	1.0 U	1.0 U	1.0 U
Tetrachloroethene	5		1 U	1 U	1.0 U	1.0 U	1.0 U	1.0 U
Toluene	5		1 U	1 U	1.0 U	1.0 U	1.0 U	1.0 U
trans-1,2-Dichloroethene	5		1 U	1 U	1.0 U	1.0 U	1.0 U	1.0 U
trans-1,3-Dichloropropene	0.4		1 U	1 U	1.0 U	1.0 U	1.0 U	1.0 U
Trichloroethene	5		1 U	1 U	1.0 U	1.0 U	1.0 U	1.0 U
Vinyl chloride	2		1 U	1 U	1.0 U	1.0 U	1.0 U	1.0 U
Xylenes, Total	5		2 U	2 U	2.0 U	2.0 U	2.0 U	2.0 U

NOTES:
U - not detected, J - estimated, D - Diluted Result, H - Holding time exceeded, R - unusable, NS - no standard, Dup - duplicate sample,
--- Not analyzed, F - MS and/or MSD recovery/RPD exceeds the control limits
[ ] - Exceeds NYS Class GA Ground Water Qaulity Standard
Trip Blank associated with samples collected on 10/29/07 contained Acetone and Methylene Chloride.
Data have not been validated

RAMBOLL

Table 4
Groundwater Data - VOCs
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW Stds (ug/l)	Location ID / Depth Interval / Sample Date / Sample ID	MW-08DD - 9/18/2018 MW 8DD 091818 ug/l	MW-08DD - 11/28/2018 MW-8DD-112818 ug/l	MW-08DD - 3/19/2019 MW-8DD-031919 ug/l	MW-08DD - 6/20/2019 MW-8DD-062019 ug/l	MW-08DD - 9/24/2019 MW-8DD-092419 ug/l	MW-08DD - 12/18/2019 MW-8DD-121819 ug/l
1,1,1-Trichloroethane	5		1.0 U	1 U	1 U	1 U	1 U	1 U
1,1,2,2-Tetrachloroethane	5		1.0 U	1 U	1 U	1 U	1 U	1 U
1,1,2-Trichloroethane	1		1.0 U	1 U	1 U	1 U	1 U	1 U
1,1-Dichloroethane	5		1.0 U	1 U	1 U	1 U	1 U	1 U
1,1-Dichloroethene	5		1.0 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichloroethane	0.6		1.0 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichloroethene (Total)	5		---	---	---	---	---	---
1,2-Dichloropropane	1		1.0 U	1 U	1 U	1 U	1 U	1 U
2-Hexanone	50		5.0 U	5 U *	5 U	5 U	5 U	5 U
4-Methyl-2-pentanone	NS		5.0 U	5 U	5 U	5 U	5 U	5 U
Acetone	50		10 U	10 U	10 U	10 U	10 U	10 U
Benzene	1		1.0 U	1 U	1 U	1 U	1 U	1 U
Bromodichloromethane	50		1.0 U	1 U	1 U	1 U	1 U	1 U
Bromoform	50		1.0 U	1 U	1 U	1 U	1 U	1 U
Bromomethane	5		1.0 U	1 U	1 U	1 U	1 U	1 U
Carbon disulfide	60		1.0 U	1 U	1 U	1 U	1 U	1 U
Carbon tetrachloride	5		1.0 U	1 U	1 U	1 U	1 U	1 U
Chlorobenzene	5		1.0 U	1 U	1 U	1 U	1 U	1 U
Chloroethane	5		1.0 U	1 U	1 U	1 U	1 U	1 U
Chloroform	7		1.0 U	1 U	1 U	1 U	1 U	1 U
cis-1,2-Dichloroethene	5		1.0 U	1 U	1 U	0.83 J	1 U	1 U
cis-1,3-Dichloropropene	0.4		1.0 U	1 U *	1 U	1 U	1 U	1 U
Dibromochloromethane	50		1.0 U	1 U	1 U	1 U	1 U	1 U
Ethylbenzene	5		1.0 U	1 U	1 U	1 U	1 U	1 U
Methyl chloride	5		1.0 U	1 U	1 U	1 U	1 U	1 U
Methyl ethyl ketone	50		10 U	10 U	10 U	10 U	10 U	10 U
Methylene chloride	5		1.0 U	1 U	1 U	1 U	1 U	1 U
Styrene	5		1.0 U	1 U	1 U	1 U	1 U	1 U
Tetrachloroethene	5		1.0 U	1 U	1 U	1 U*	1 U	1 U
Toluene	5		1.0 U	1 U	1 U	1 U	0.94 J	1 U
trans-1,2-Dichloroethene	5		1.0 U	1 U	1 U	1 U	1 U	1 U
trans-1,3-Dichloropropene	0.4		1.0 U	1 U *	1 U	1 U	1 U	1 U
Trichloroethene	5		1.0 U	1 U	1 U	1 U	1 U	1 U
Vinyl chloride	2		1.0 U	1 U	1 U	1 U	1 U	1 U
Xylenes, Total	5		2.0 U	2 U	2 U	2 U	2 U	2 U

NOTES:
U - not detected, J - estimated, D - Diluted Result, H - Holding time exceeded, R - unusable, NS - no standard, Dup - duplicate sample,
--- Not analyzed, F - MS and/or MSD recovery/RPD exceeds the control limits
[ ] - Exceeds NYS Class GA Ground Water Qaulity Standard
Trip Blank associated with samples collected on 10/29/07 contained Acetone and Methylene Chloride.
Data have not been validated

RAMBOLL

Table 4
Groundwater Data - VOCs
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW Stds (ug/l)	Location ID Depth Interval Sample Date Sample ID	MW-08DD - 3/18/2020 MW 8DD 031720 ug/l	MW-08DD -- 6/17/2020 MW8DD061720 µg/L	MW-08DD -- 9/23/2020 MW8DD092320 µg/L	MW-08DD -- 12/15/2020 MW8DD 121520 µg/L	MW-08DD 3/25/2021 MW8DD032521 ug/l	MW-08DD -- 6/15/2021 MW8DD 061521 µg/L
1,1,1-Trichloroethane	5		1 U	1 U	1 U	1 U	1U	1 U
1,1,2,2-Tetrachloroethane	5		1 U	1 U	1 U	1 U	1U	1 U
1,1,2-Trichloroethane	1		1 U	1 U	1 U	1 U	1U	1 U
1,1-Dichloroethane	5		1 U	1 U	1 U	1 U	1U	1 U
1,1-Dichloroethene	5		1 U	1 U	1 U	1 U	1U	1 U
1,2-Dichloroethane	0.6		1 U	1 U	1 U	1 U	1U	1 U
1,2-Dichloroethene (Total)	5		---	---	---	---	---	---
1,2-Dichloropropane	1		1 U	1 U	1 U	1 U	1U	1 U
2-Hexanone	50		5 U	5 U	5 U	5 U	5U	5 U
4-Methyl-2-pentanone	NS		5 U	5 U	5 U	5 U	5U	5 U
Acetone	50		10 U	10 U	10 U	10 U	10U	10 U
Benzene	1		1 U	1 U	1 U	1 U	1U	1 U
Bromodichloromethane	50		1 U	1 U	1 U	1 U	1U	1 U
Bromoform	50		1 U	1 U	1 U	1 U	1U	1 U
Bromomethane	5		1 U	1 U	1 U	1 U	1U	1 U
Carbon disulfide	60		1 U	1 U	1 U	1 U	1U	1 U
Carbon tetrachloride	5		1 U	1 U	1 U	1 U	1U	1 U
Chlorobenzene	5		1 U	1 U	1 U	1 U	1U	1 U
Chloroethane	5		1 U	1 U	1 U	1 U	1U	1 U
Chloroform	7		1 U	1 U	1 U	1 U	1U	1 U
cis-1,2-Dichloroethene	5		1 U	1 U	1 U	1 U	1U	1 U
cis-1,3-Dichloropropene	0.4		1 U	1 U	1 U	1 U	1U	1 U
Dibromochloromethane	50		1 U	1 U	1 U	1 U	1U	1 U
Ethylbenzene	5		1 U	1 U	1 U	1 U	1U	1 U
Methyl chloride	5		1 U	1 U	1 U	1 U	1U	1 U
Methyl ethyl ketone	50		10 U	10 U	10 U	10 U	10U	10 U
Methylene chloride	5		1 U	1 U	1 U	1 U	1U	1 U
Styrene	5		1 U	1 U	1 U	1 U	1U	1 U
Tetrachloroethene	5		1 U	1 U	1 U	1 U	1U	1 U
Toluene	5		1 U	1 U	1 U	1 U	1U	1 U
trans-1,2-Dichloroethene	5		1 U	1 U	1 U	1 U	1U	1 U
trans-1,3-Dichloropropene	0.4		1 U	1 U	1 U	1 U	1U	1 U
Trichloroethene	5		1 U	1 U	1 U	1 U	1U	1 U
Vinyl chloride	2		1 U	1 U	1 U	1 U	1U	1 U
Xylenes, Total	5		2 U	2 U	2 U	2 U	2U	2 U

NOTES:
U - not detected, J - estimated, D - Diluted Result, H - Holding time exceeded, R - unusable, NS - no standard, Dup - duplicate sample,
--- Not analyzed, F - MS and/or MSD recovery/RPD exceeds the control limits
[ ] - Exceeds NYS Class GA Ground Water Qaulity Standard
Trip Blank associated with samples collected on 10/29/07 contained Acetone and Methylene Chloride.
Data have not been validated

RAMBOLL

Table 4
Groundwater Data - VOCs
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW Stds (ug/l)	Location ID Depth Interval Sample Date Sample ID	MW-08DD - 9/22/2021 MW8DD 092221 ug/l	MW-08DD - 12/21/2021 MW8DD 122121 ug/l	MW-08DD - 3/23/2022 MW8DD 032322 ug/l	MW-08DD - 6/23/2022 MW-8DD 062322 ug/l	MW-08DD - 9/28/2022 MW8DD 092822 ug/l	MW-08DD - 12/22/2022 MW8DD122222 ug/l
1,1,1-Trichloroethane	5		1 U	1.0 U	1.0 U	1.0 U	1.0 U F1	1.0 U
1,1,2,2-Tetrachloroethane	5		1 U	1.0 U	1.0 U	1.0 U	1.0 U *+ F1	1.0 U
1,1,2-Trichloroethane	1		1 U	1.0 U	1.0 U	1.0 U	1.0 U F1	1.0 U
1,1-Dichloroethane	5		1 U	1.0 U	1.0 U	1.0 U	1.0 U *+ F1	1.0 U
1,1-Dichloroethene	5		1 U	1.0 U	1.0 U	1.0 U	1.0 U F1	1.0 U
1,2-Dichloroethane	0.6		1 U	1.0 U	1.0 U	1.0 U	1.0 U *+ F1	1.0 U
1,2-Dichloroethene (Total)	5		---	---	---	---	---	---
1,2-Dichloropropane	1		1 U	1.0 U	1.0 U	1.0 U	1.0 U *+ F1	1.0 U
2-Hexanone	50		5 U	5.0 U	5.0 U	5.0 U	5.0 U F1	5.0 U *+
4-Methyl-2-pentanone	NS		5 U	5.0 U	5.0 U	5.0 U	5.0 U F1	5.0 U *+
Acetone	50		10 U	10 U	10 U	10 U	10 U F1	10 U
Benzene	1		1 U	1.0 U	1.0 U	1.0 U	1.0 U F1	1.0 U
Bromodichloromethane	50		1 U	1.0 U	1.0 U	1.0 U	1.0 U *+ F1	1.0 U
Bromoform	50		1 U	1.0 U	1.0 U	1.0 U	1.0 U F1	1.0 U
Bromomethane	5		1 U	1.0 U	1.0 U	1.0 U	1.0 U F1 F2	1.0 U
Carbon disulfide	60		1 U	1.0 U	1.0 U	1.0 U	1.0 U F1	1.0 U
Carbon tetrachloride	5		1 U	1.0 U	1.0 U	1.0 U	1.0 U F1	1.0 U
Chlorobenzene	5		1 U	1.0 U	1.0 U	1.0 U	1.0 U F1	1.0 U
Chloroethane	5		1 U	1.0 U	1.0 U *1	1.0 U	1.0 U F1	1.0 U
Chloroform	7		1 U	1.0 U	1.0 U	1.0 U	1.0 U F1	1.0 U
cis-1,2-Dichloroethene	5		1 U	1.0 U	1.0 U	1.0 U	1.0 U F1	1.0 U
cis-1,3-Dichloropropene	0.4		1 U	1.0 U	1.0 U	1.0 U	1.0 U *+ F1	1.0 U
Dibromochloromethane	50		1 U	1.0 U	1.0 U	1.0 U	1.0 U *+ F1	1.0 U
Ethylbenzene	5		1 U	1.0 U	1.0 U	1.0 U	1.0 U F1	1.0 U
Methyl chloride	5		1 U	1.0 U	1.0 U	1.0 U	1.0 U F1	1.0 U
Methyl ethyl ketone	50		10 U	10 U	10 U	10 U	10 U *+ F1	10 U
Methylene chloride	5		1 U	1.0 U	1.0 U	1.0 U	1.0 U *+ F1	1.0 U
Styrene	5		1 U	1.0 U	1.0 U	1.0 U	1.0 U *+ F1	1.0 U
Tetrachloroethene	5		1 U	1.0 U	1.0 U	1.0 U	1.0 U *+ F1	1.0 U
Toluene	5		1 U	1.0 U	1.0 U	1.0 U	1.0 U F1	1.0 U
trans-1,2-Dichloroethene	5		1 U	1.0 U	1.0 U	1.0 U	1.0 U F1	1.0 U
trans-1,3-Dichloropropene	0.4		1 U	1.0 U	1.0 U	1.0 U	1.0 U F1	1.0 U
Trichloroethene	5		1 U	1.0 U	1.0 U	1.0 U	1.0 U F1	1.0 U
Vinyl chloride	2		1 U	1.0 U	1.0 U	1.0 U	0.90 J F1	1.0 U
Xylenes, Total	5		2 U	2.0 U	2.0 U	2.0 U	2.0 U F1	2.0 U

NOTES:
U - not detected, J - estimated, D - Diluted Result, H - Holding time exceeded, R - unusable, NS - no standard, Dup - duplicate sample,
--- Not analyzed, F - MS and/or MSD recovery/RPD exceeds the control limits
[ ] - Exceeds NYS Class GA Ground Water Qaulity Standard
Trip Blank associated with samples collected on 10/29/07 contained Acetone and Methylene Chloride.
Data have not been validated

Table 4
Groundwater Data - VOCs
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW Stds (ug/l)	Location ID	MW-10S	MW-10S	MW-10S	MW-10S	MW-10S	MW-10S
		Depth Interval	-	-	-	-	-	-
		Sample Date	8/1/1997	9/15/1997	2/15/2000	8/14/2001	11/29/2001	2/27/2002
		Sample ID	MW-10S_WG_080197	MW-10S_WG_091597	MW-10S_WG_021500	MW-10S_WG_081401	MW-10S_WG_112901	MW-10S_WG_022702
			ug/l	ug/l	ug/l	ug/l	ug/l	ug/l
1,1,1-Trichloroethane	5		1 U	1 U	0.2 J	0.5 U	0.2 J	0.2 J
1,1,2,2-Tetrachloroethane	5		1 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1,2-Trichloroethane	1		1 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1-Dichloroethane	5		1 U	1 U	2	1	2	2
1,1-Dichloroethene	5		1 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U
1,2-Dichloroethane	0.6		1 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U
1,2-Dichloroethene (Total)	5		1.3	2	---	---	---	---
1,2-Dichloropropane	1		1 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U
2-Hexanone	50		2 U	2 U	5 U	5 U	5 U	5 U
4-Methyl-2-pentanone	NS		2 U	2 U	5 U	5 U	5 U	5 U
Acetone	50		2 U	2 U	10 U	10 J	10 U	3 J
Benzene	1		1 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U
Bromodichloromethane	50		1 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U
Bromoform	50		1 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U
Bromomethane	5		2 U	2 U	1 U	1 UJ	1 U	1 U
Carbon disulfide	60		1 U	1 U	0.5 U	0.5 UJ	0.5 U	0.5 U
Carbon tetrachloride	5		1 U	1 U	0.5 U	0.5 UJ	0.5 U	0.5 U
Chlorobenzene	5		1 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U
Chloroethane	5		1 U	1 U	1 U	1 UJ	1 U	1 U
Chloroform	7		1 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U
cis-1,2-Dichloroethene	5		---	---	0.5 U	0.9	0.8	0.7
cis-1,3-Dichloropropene	0.4		1 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U
Dibromochloromethane	50		1 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U
Ethylbenzene	5		1 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U
Methyl chloride	5		1 U	1 U	1 U	1 U	1 U	1 U
Methyl ethyl ketone	50		4 U	4 U	10 U	10 U	10 U	10 U
Methylene chloride	5		1 U	1 U	2 U	2 J	2 U	2 U
Styrene	5		1 U	1 U	0.5 U	0.5 U	0.5 U	0.5 UJ
Tetrachloroethene	5		1 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U
Toluene	5		1 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U
trans-1,2-Dichloroethene	5		---	---	0.5 U	0.5 U	0.5 U	0.5 U
trans-1,3-Dichloropropene	0.4		1 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U
Trichloroethene	5		1 U	1 U	0.1 J	0.5 U	0.2 J	0.1 J
Vinyl chloride	2		1.5	1.5	0.3 J	0.2 J	1 U	0.1 J
Xylenes, Total	5		1 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U

NOTES:
U - not detected, J - estimated, D - Diluted Result, H - Holding time exceeded, R - unusable, NS - no standard, Dup - duplicate sample,
--- Not analyzed, F - MS and/or MSD recovery/RPD exceeds the control limits
[ ] - Exceeds NYS Class GA Ground Water Qaulity Standard
Trip Blank associated with samples collected on 10/29/07 contained Acetone and Methylene Chloride.
Data have not been validated

Table 4
Groundwater Data - VOCs
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW Stds (ug/l)	Location ID	MW-10S	MW-10S	MW-10S	MW-10S	MW-10S	MW-10S
		Depth Interval	-	-	-	-	-	-
		Sample Date	5/15/2002	7/30/2003	2/5/2004	5/18/2004	8/5/2004	11/17/2004
		Sample ID	MW-10S_WG_051502	MW-10S_WG_073003	MW-10S_WG_020504	MW-10S_WG_051804	MW-10S_WG_080504	MW-10S_WG_111704
			ug/l	ug/l	ug/l	ug/l	ug/l	ug/l
1,1,1-Trichloroethane	5		0.1 J	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1,2,2-Tetrachloroethane	5		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1,2-Trichloroethane	1		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1-Dichloroethane	5		1	0.9	0.7	0.7	0.4 J	0.3 J
1,1-Dichloroethene	5		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,2-Dichloroethane	0.6		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,2-Dichloroethene (Total)	5		---	---	---	---	---	---
1,2-Dichloropropane	1		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
2-Hexanone	50		5 U	5 U	5 U	5 U	5 U	5 U
4-Methyl-2-pentanone	NS		5 U	5 U	5 U	5 U	5 U	5 U
Acetone	50		10 U	10 U	10 U	10 U	2 J	10 U
Benzene	1		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Bromodichloromethane	50		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Bromoform	50		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Bromomethane	5		1 U	1 U	1 U	1 U	1 U	1 U
Carbon disulfide	60		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Carbon tetrachloride	5		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Chlorobenzene	5		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Chloroethane	5		1 U	1 U	1 U	1 U	1 U	1 U
Chloroform	7		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
cis-1,2-Dichloroethene	5		0.8	2	1	1	1	0.5 J
cis-1,3-Dichloropropene	0.4		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Dibromochloromethane	50		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Ethylbenzene	5		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Methyl chloride	5		1 UJ	1 U	1 U	1 U	1 U	1 U
Methyl ethyl ketone	50		10 U	10 U	10 U	10 U	10 U	10 U
Methylene chloride	5		2 U	2 U	2 U	2 U	2 U	2 U
Styrene	5		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Tetrachloroethene	5		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Toluene	5		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
trans-1,2-Dichloroethene	5		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
trans-1,3-Dichloropropene	0.4		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Trichloroethene	5		0.1 J	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Vinyl chloride	2		0.1 J	0.9 J	0.4 J	0.6 J	0.4 J	0.2 J
Xylenes, Total	5		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U

NOTES:
U - not detected, J - estimated, D - Diluted Result, H - Holding time exceeded, R - unusable, NS - no standard, Dup - duplicate sample,
--- Not analyzed, F - MS and/or MSD recovery/RPD exceeds the control limits
[ ] - Exceeds NYS Class GA Ground Water Qaulity Standard
Trip Blank associated with samples collected on 10/29/07 contained Acetone and Methylene Chloride.
Data have not been validated

RAMBOLL

Table 4
Groundwater Data - VOCs
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW Stds (ug/l)	Location ID	MW-10S	MW-10S	MW-10S	MW-10S	MW-10S	MW-10S
		Depth Interval	-	-	-	-	-	-
		Sample Date	2/15/2005	4/20/2005	9/6/2005	11/14/2005	4/25/2006	11/14/2006
		Sample ID	MW-10S_WG_021505	MW-10S_WG_042005	MW-10S_09062005	MW-10S_11142005	MW-10S_04252006	MW-10S_11142006
			ug/l	ug/l	ug/l	ug/l	ug/l	ug/l
1,1,1-Trichloroethane	5		0.5 U	0.5 U	0.50 U	0.50 U	0.50 U	0.50 U
1,1,2,2-Tetrachloroethane	5		0.5 U	0.5 U	0.50 U	0.50 U	0.50 U	0.50 U
1,1,2-Trichloroethane	1		0.5 U	0.5 U	0.50 U	0.50 U	0.50 U	0.50 U
1,1-Dichloroethane	5		0.2 J	0.4 J	0.26 J	0.54	0.37 J	0.35 J
1,1-Dichloroethene	5		0.5 U	0.5 U	0.50 U	0.50 U	0.50 U	0.50 U
1,2-Dichloroethane	0.6		0.5 U	0.5 U	0.50 U	0.50 U	0.50 U	0.50 U
1,2-Dichloroethene (Total)	5		---	---	---	---	---	---
1,2-Dichloropropane	1		0.5 U	0.5 U	0.50 U	0.50 U	0.50 U	0.50 U
2-Hexanone	50		5 U	5 U	5.00 U	5.00 U	5.00 U	5.00 U
4-Methyl-2-pentanone	NS		5 U	5 U	5.00 U	5.00 U	5.00 U	5.00 U
Acetone	50		2 J	10 U	2.83 J	1.44 J	1.23 J	10 U
Benzene	1		0.5 U	0.5 U	0.50 U	0.50 U	0.50 U	0.50 U
Bromodichloromethane	50		0.5 U	0.5 U	0.50 U	0.50 U	0.50 U	0.50 U
Bromoform	50		0.5 U	0.5 U	0.50 U	0.50 U	0.50 U	0.50 U
Bromomethane	5		1 U	1 U	1.00 U	1.00 U	1.00 U	1.00 U
Carbon disulfide	60		0.5 U	0.5 U	0.50 U	0.50 U	0.50 U	0.50 U
Carbon tetrachloride	5		0.5 U	0.5 U	0.50 U	0.50 U	0.50 U	0.50 U
Chlorobenzene	5		0.5 U	0.5 U	0.50 U	0.50 U	0.50 U	0.50 U
Chloroethane	5		1 U	1 U	1.00 U	1.00 U	1.00 U	1.00 U
Chloroform	7		0.5 U	0.5 U	0.50 U	0.50 U	0.50 U	0.50 U
cis-1,2-Dichloroethene	5		0.6	0.8	0.65	1.6	1.03	1.22
cis-1,3-Dichloropropene	0.4		0.5 U	0.5 U	0.50 U	0.50 U	0.50 U	0.50 U
Dibromochloromethane	50		0.5 U	0.5 U	0.50 U	0.50 U	0.50 U	0.50 U
Ethylbenzene	5		0.5 U	0.5 U	0.50 U	0.50 U	0.50 U	0.50 U
Methyl chloride	5		1 U	1 U	1.00 U	1.00 U	1.00 U	1.00 U
Methyl ethyl ketone	50		10 U	10 U	10.0 U	10.0 U	10.0 U	10.0 U
Methylene chloride	5		2 U	2 U	2.00 U	2.00 U	2.00 U	2.00 U
Styrene	5		0.5 U	0.5 U	0.50 U	0.50 U	0.50 U	0.50 U
Tetrachloroethene	5		0.5 U	0.5 U	0.50 U	0.50 U	0.50 U	0.50 U
Toluene	5		0.5 U	0.5 U	0.50 U	0.50 U	0.50 U	0.50 U
trans-1,2-Dichloroethene	5		0.5 U	0.5 U	0.50 U	0.50 U	0.50 U	0.50 U
trans-1,3-Dichloropropene	0.4		0.5 U	0.5 U	0.50 U	0.50 U	0.50 U	0.50 U
Trichloroethene	5		0.1 J	0.1 J	0.50 U	0.50 U	0.50 U	0.50 U
Vinyl chloride	2		1 U	0.3 J	0.21 J	0.61 J	0.34 J	0.39 J
Xylenes, Total	5		0.5 U	0.5 U	1.00 U	1.00 U	1.00 U	1.00 U

NOTES:
U - not detected, J - estimated, D - Diluted Result, H - Holding time exceeded, R - unusable, NS - no standard, Dup - duplicate sample,
--- Not analyzed, F - MS and/or MSD recovery/RPD exceeds the control limits
[ ] - Exceeds NYS Class GA Ground Water Qaulity Standard
Trip Blank associated with samples collected on 10/29/07 contained Acetone and Methylene Chloride.
Data have not been validated

RAMBOLL

Table 4
Groundwater Data - VOCs
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW Stds (ug/l)	Location ID / Depth Interval / Sample Date / Sample ID	MW-10S - 5/3/2007 MW-10S_050307 ug/l	MW-10S - 10/30/2007 MW 10 S-103007 ug/l	MW-10S - 5/22/2008 MW 10 S-052208 ug/l	MW-10S - 11/19/2008 MW 10 S-111908 ug/l	MW-10S - 10/22/2009 MW-10S-10222009 ug/l	MW-10S - 05/18/2010 W-10S-051810051820 ug/l
1,1,1-Trichloroethane	5		0.5 U	0.5 HU	0.5 U	0.5 U	1 U	1 U
1,1,2,2-Tetrachloroethane	5		0.5 U	0.5 HU	0.5 U	0.5 U	1 U	1 U
1,1,2-Trichloroethane	1		0.5 U	0.5 HU	0.5 U	0.5 U	1 U	1 U
1,1-Dichloroethane	5		0.21 J	0.5 HU	0.2 J	0.24 J	1 U	1 U
1,1-Dichloroethene	5		0.5 U	0.5 HU	0.5 U	0.5 U	1 U	1 U
1,2-Dichloroethane	0.6		0.5 U	0.5 HU	0.5 U	0.5 U	1 U	1 U
1,2-Dichloroethene (Total)	5		---	---	---	---	---	---
1,2-Dichloropropane	1		0.5 U	0.5 HU	0.5 U	0.5 U	1 U	1 U
2-Hexanone	50		5 U	5 HU	5 U	5 U	5 U	5 U
4-Methyl-2-pentanone	NS		5 U	5 HU	5 U	5 U	5 U	5 U
Acetone	50		1.05 J	10 HU	10 U	10 U	5 U	5 U
Benzene	1		0.5 U	0.5 HU	0.5 U	0.5 U	1 U	1 U
Bromodichloromethane	50		0.5 U	0.5 HU	0.5 U	0.5 U	1 U	1 U
Bromoform	50		0.5 U	0.5 HU	1 U	1 U	1 U	1 U
Bromomethane	5		1 U	1 HU	1 U	1 U	1 U	1 U
Carbon disulfide	60		0.5 U	0.5 HU	0.5 U	0.5 U	1 U	1 U
Carbon tetrachloride	5		0.5 U	0.5 HU	0.5 U	0.5 U	1 U	1 U
Chlorobenzene	5		0.5 U	0.5 HU	0.5 U	0.5 U	1 U	1 U
Chloroethane	5		1 U	1 HU	1 U	1 U	1 U	1 U
Chloroform	7		0.5 U	0.5 HU	0.5 U	0.5 U	1 U	1 U
cis-1,2-Dichloroethene	5		0.68	0.57 H	1.09	1.36	1.5	1.8
cis-1,3-Dichloropropene	0.4		0.5 U	0.5 HU	0.5 U	0.5 U	1 U	1 U
Dibromochloromethane	50		0.5 U	0.5 HU	0.5 U	0.5 U	1 U	1 U
Ethylbenzene	5		0.5 U	0.5 HU	0.5 U	0.5 U	1 U	1 U
Methyl chloride	5		1 U	1 HU	1 U	0.33 J	---	1 U
Methyl ethyl ketone	50		10 U	10 HU	10 U	10 U	---	5 U
Methylene chloride	5		2 U	2 HU	2 U	2 U	1 U	1 U
Styrene	5		0.5 U	0.5 HU	0.5 U	0.5 U	1 U	1 U
Tetrachloroethene	5		0.5 U	0.5 HU	0.5 U	0.5 U	1 U	1 U
Toluene	5		0.5 U	0.5 HU	0.5 U	0.5 U	1 U	1 U
trans-1,2-Dichloroethene	5		0.5 U	0.5 HU	0.5 U	0.5 U	1 U	1 U
trans-1,3-Dichloropropene	0.4		0.5 U	0.5 HU	0.5 U	0.5 U	1 U	1 U
Trichloroethene	5		0.5 U	0.5 HU	0.5 U	0.5 U	1 U	1 U
Vinyl chloride	2		1 U	1 HU	1 U	0.45 J	1 U	1 U
Xylenes, Total	5		1 U	1 HU	1 U	1 U	2 U	2 U

NOTES:
U - not detected, J - estimated, D - Diluted Result, H - Holding time exceeded, R - unusable, NS - no standard, Dup - duplicate sample,
--- Not analyzed, F - MS and/or MSD recovery/RPD exceeds the control limits
[ ] - Exceeds NYS Class GA Ground Water Qaulity Standard
Trip Blank associated with samples collected on 10/29/07 contained Acetone and Methylene Chloride.
Data have not been validated

RAMBOLL

Table 4
Groundwater Data - VOCs
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW Stds (ug/l)	Location ID	MW-10S	MW-10S	MW-10S	MW-10S	MW-10S	MW-10S
		Depth Interval	-	-	-		-	
		Sample Date	01/20/2011	4/20/2011	7/26/2011	10/27/2011	3/20/2012	8/7/2012
		Sample ID	MW-10S-01202011	MW-10S-042011	MW-10S072611	MW10S102711	MW10S032012	MW10S080712
			ug/l	ug/l	ug/l	ug/l	ug/l	ug/l
1,1,1-Trichloroethane	5		1 U	1 U	1 U	1 U	1 U	1 U
1,1,2,2-Tetrachloroethane	5		1 U	1 U	1 U	1 U	1 U	1 U
1,1,2-Trichloroethane	1		1 U	1 U	1 U	1 U	1 U	1 U
1,1-Dichloroethane	5		1 U	1 U	1 U	1 U	1 U	1 U
1,1-Dichloroethene	5		1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichloroethane	0.6		1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichloroethene (Total)	5		---	---	---	---	---	---
1,2-Dichloropropane	1		1 U	1 U	1 U	1 U	1 U	1 U
2-Hexanone	50		5 U	5 U	5 U	5 U	5 U	5 U
4-Methyl-2-pentanone	NS		5 U	5 U	5 U	5 U	5 U	5 U
Acetone	50		10 U	10 U	10 U	10 U	10 U	10 U
Benzene	1		1 U	1 U	1 U	1 U	1 U	1 U
Bromodichloromethane	50		1 U	1 U	1 U	1 U	1 U	1 U
Bromoform	50		1 U	1 U	1 U	1 U	1 U	1 U
Bromomethane	5		1 U	1 U	1 U	1 U	1 U	1 U
Carbon disulfide	60		1 U	1 U	1 U	1 U	1 U	1 U
Carbon tetrachloride	5		1 U	1 U	1 U	1 U	1 U	1 U
Chlorobenzene	5		1 U	1 U	1 U	1 U	1 U	1 U
Chloroethane	5		1 U	1 U	1 U	1 U	1 U	1 U
Chloroform	7		1 U	1 U	1 U	1 U	1 U	1 U
cis-1,2-Dichloroethene	5		1.2	1 U	1.3	1.2	0.96 J	0.93 J
cis-1,3-Dichloropropene	0.4		1 U	1 U	1 U	1 U	1 U	1 U
Dibromochloromethane	50		1 U	1 U	1 U	1 U	1 U	1 U
Ethylbenzene	5		1 U	1 U	1 U	1 U	1 U	1 U
Methyl chloride	5		0.81 J	1 U	1 U	1 U	1 U	1 U
Methyl ethyl ketone	50		10 U	10 U	10 U	10 U	10 U	10 U
Methylene chloride	5		1 U	1 U	1 U	1 U	1 U	1 U
Styrene	5		1 U	1 U	1 U	1 U	1 U	1 U
Tetrachloroethene	5		1 U	1 U	1 U	1 U	1 U	1 U
Toluene	5		1 U	1 U	1 U	1 U	1 U	1 U
trans-1,2-Dichloroethene	5		1 U	1 U	1 U	1 U	1 U	1 U
trans-1,3-Dichloropropene	0.4		1 U	1 U	1 U	1 U	1 U	1 U
Trichloroethene	5		1 U	1 U	1 U	1 U	1 U	1 U
Vinyl chloride	2		1 U	1 U	1 U	1 U	1 U	1 U
Xylenes, Total	5		2 U	2 U	2 U	2 U	2 U	2 U

NOTES:
U - not detected, J - estimated, D - Diluted Result, H - Holding time exceeded, R - unusable, NS - no standard, Dup - duplicate sample,
--- Not analyzed, F - MS and/or MSD recovery/RPD exceeds the control limits
[ ] - Exceeds NYS Class GA Ground Water Qaulity Standard
Trip Blank associated with samples collected on 10/29/07 contained Acetone and Methylene Chloride.
Data have not been validated

RAMBOLL

Table 4
Groundwater Data - VOCs
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW Stds (ug/l)	Location ID / Depth Interval / Sample Date / Sample ID	MW-10S - 12/19/2012 MW-10S-121912 ug/l	MW-10S 5/21/2013 MW-10-052113 ug/l	MW-10S 8/22/2013 MW-10-082213 ug/l	MW-10S 12/18/2013 MW-10S-121813 ug/l	MW-10S - 3/25/2014 MW-10S-032514 ug/l	MW-10S - 6/10/2014 MW-10S-061014 mg/l
1,1,1-Trichloroethane	5		1 U	1 U	1 U	1 U	1 U	1 U
1,1,2,2-Tetrachloroethane	5		1 U	1 U	1 U	1 U	1 U	1 U
1,1,2-Trichloroethane	1		1 U	1 U	1 U	1 U	1 U	1 U
1,1-Dichloroethane	5		1 U	1 U	1 U	1 U	1 U	1 U
1,1-Dichloroethene	5		1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichloroethane	0.6		1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichloroethene (Total)	5		---	---	---	---	---	---
1,2-Dichloropropane	1		1 U	1 U	1 U	1 U	1 U	1 U
2-Hexanone	50		5 U	5 U	5 U	5 U	5 U	5 U
4-Methyl-2-pentanone	NS		5 U	5 U	5 U	5 U	5 U	5 U
Acetone	50		10 U	10 U	10 U	10 U	10 U	10 U
Benzene	1		1 U	1 U	1 U	1 U	1 U	1 U
Bromodichloromethane	50		1 U	1 U	1 U	1 U	1 U	1 U
Bromoform	50		1 U	1 U	1 U	1 U	1 U	1 U
Bromomethane	5		1 U	1 U	1 U	1 U	1 U	1 U
Carbon disulfide	60		1 U	1 U	1 U	1 U	1 U	1 U
Carbon tetrachloride	5		1 U	1 U	1 U	1 U	1 U	1 U
Chlorobenzene	5		1 U	1 U	1 U	1 U	1 U	1 U
Chloroethane	5		1 U	1 U	1 U	1 U	1 U	1 U
Chloroform	7		1 U	1 U	1 U	1 U	1 U	1 U
cis-1,2-Dichloroethene	5		1.3	1 U	0.91 J	1.3	1 U	1 U
cis-1,3-Dichloropropene	0.4		1 U	1 U	1 U	1 U	1 U	1 U
Dibromochloromethane	50		1 U	1 U	1 U	1 U	1 U	1 U
Ethylbenzene	5		1 U	1 U	1 U	1 U	1 U	1 U
Methyl chloride	5		1 U	1 U	1 U	1 U	1 U	1 U
Methyl ethyl ketone	50		10 U	10 U	10 U	10 U	10 U	10 U
Methylene chloride	5		1 U	1 U	1 U	1 U	1 U	1 U
Styrene	5		1 U	1 U	1 U	1 U	1 U	1 U
Tetrachloroethene	5		1 U	1 U	1 U	1 U	1 U	1 U
Toluene	5		1 U	1 U	1 U	1 U	1 U	1 U
trans-1,2-Dichloroethene	5		1 U	1 U	1 U	1 U	1 U	1 U
trans-1,3-Dichloropropene	0.4		1 U	1 U	1 U	1 U	1 U	1 U
Trichloroethene	5		1 U	1 U	1 U	1 U	1 U	1 U
Vinyl chloride	2		1 U	1 U	1 U	1 U	1 U	1 U
Xylenes, Total	5		2 U	2 U	2 U	2 U	2 U	2 U

NOTES:
U - not detected, J - estimated, D - Diluted Result, H - Holding time exceeded, R - unusable, NS - no standard, Dup - duplicate sample,
--- Not analyzed, F - MS and/or MSD recovery/RPD exceeds the control limits
[ ] - Exceeds NYS Class GA Ground Water Qaulity Standard
Trip Blank associated with samples collected on 10/29/07 contained Acetone and Methylene Chloride.
Data have not been validated

RAMBOLL

Table 4
Groundwater Data - VOCs
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW Stds (ug/l)	Location ID / Depth Interval / Sample Date / Sample ID	MW-10S - 9/23/2014 MW10S092314 ug/l	MW-10S - 12/9/2014 MW 10S 120914 ug/l	X-1 - 12/9/2014 MW 10S 120914 ug/l	MW-10S - 3/17/2015 MW10S 031715 ug/l	MW-10S - 6/25/2015 MW10S 062515 ug/l	MW-10S - 9/22/2015 MW10S 092215 ug/l
1,1,1-Trichloroethane	5		1 U	1 U*	1 U*	1 U	1 U	1 U
1,1,2,2-Tetrachloroethane	5		1 U	1 U	1 U	1 U	1 U	1 U
1,1,2-Trichloroethane	1		1 U	1 U	1 U	1 U	1 U	1 U
1,1-Dichloroethane	5		1 U	1 U	1 U	1 U	1 U	1 U
1,1-Dichloroethene	5		1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichloroethane	0.6		1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichloroethene (Total)	5		---	---	---	---	---	---
1,2-Dichloropropane	1		1 U	1 U	1 U	1 U	1 U	1 U
2-Hexanone	50		5 U	5 U	5 U	5 U	5 U	5 U
4-Methyl-2-pentanone	NS		5 U	5 U	5 U	5 U	5 U	5 U
Acetone	50		10 U	10 U	10 U	10 U	10 U	10 U
Benzene	1		1 U	1 U	1 U	1 U	1 U	1 U
Bromodichloromethane	50		1 U	1 U	1 U	1 U	1 U	1 U
Bromoform	50		1 U	1 U*	1 U*	1 U	1 U	1 U
Bromomethane	5		1 U	1 U	1 U	1 U	1 U	1 U
Carbon disulfide	60		1 U	1 U	1 U	1 U	1 U	1 U
Carbon tetrachloride	5		1 U	1 U	1 U	1 U	1 U	1 U
Chlorobenzene	5		1 U	1 U	1 U	1 U	1 U	1 U
Chloroethane	5		1 U	1 U	1 U	1 U	1 U	1 U
Chloroform	7		1 U	1 U	1 U	1 U	1 U	1 U
cis-1,2-Dichloroethene	5		0.82 J	**[5.1]**	**[5.2]**	1 U	1 U	1 U
cis-1,3-Dichloropropene	0.4		1 U	1 U	1 U	1 U	1 U	1 U
Dibromochloromethane	50		1 U	1 U*	1 U*	1 U	1 U	1 U
Ethylbenzene	5		1 U	1 U	1 U	1 U	1 U	1 U
Methyl chloride	5		1 U	1 U	1 U	1 U	1 U	1 U
Methyl ethyl ketone	50		10 U	10 U	10 U	10 U	10 U	10 U
Methylene chloride	5		1 U	1 U	1 U	1 U	1 U	1 U
Styrene	5		1 U	1 U	1 U	1 U	1 U	1 U
Tetrachloroethene	5		1 U	1 U	1 U	1 U	1 U	1 U
Toluene	5		1 U	1 U	1 U	1 U	1 U	1 U
trans-1,2-Dichloroethene	5		1 U	1 U	1 U	1 U	1 U	1 U
trans-1,3-Dichloropropene	0.4		1 U	1 U	1 U	1 U	1 U	1 U
Trichloroethene	5		1 U	1 U	1 U	1 U	1 U	1 U
Vinyl chloride	2		1 U	1.6	1.7	1 U	1 U	1 U
Xylenes, Total	5		2 U	2 U	2 U	2 U	2 U	2 U

NOTES:
U - not detected, J - estimated, D - Diluted Result, H - Holding time exceeded, R - unusable, NS - no standard, Dup - duplicate sample,
--- Not analyzed, F - MS and/or MSD recovery/RPD exceeds the control limits
[ ] - Exceeds NYS Class GA Ground Water Qaulity Standard
Trip Blank associated with samples collected on 10/29/07 contained Acetone and Methylene Chloride.
Data have not been validated

RAMBOLL

Table 4
Groundwater Data - VOCs
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW Stds (ug/l)	Location ID / Depth Interval / Sample Date / Sample ID	MW-10S - 1/12/2016 MW10S 011216 ug/l	MW-10S - 3/29/2016 MW10S 032916 ug/l	MW-10S - 6/21/2016 MW10S 062116 ug/l	MW-10S - 9/20/2016 MW10S 092016 ug/l	MW-10S - 12/20/2016 MW10S 122016 ug/l	MW-10S - 4/11/2017 MW10S 041117 ug/l
1,1,1-Trichloroethane	5		1 U	1 U	1 U	1 U	1 U	1 U
1,1,2,2-Tetrachloroethane	5		1 U	1 U	1 U	1 U	1 U	1 U
1,1,2-Trichloroethane	1		1 U	1 U	1 U	1 U	1 U	1 U
1,1-Dichloroethane	5		1 U	1 U	1 U	1 U	1 U	1 U
1,1-Dichloroethene	5		1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichloroethane	0.6		1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichloroethene (Total)	5		---	----	---	---	---	---
1,2-Dichloropropane	1		1 U	1 U	1 U	1 U	1 U	1 U
2-Hexanone	50		5 U	5 U	5 U	5 U	5 U	5 U
4-Methyl-2-pentanone	NS		5 U	5 U	5 U	5 U	5 U	5 U
Acetone	50		10 U *	10 U	10 U	10 U	10 U	10 U
Benzene	1		1 U	1 U	1 U	1 U	1 U	1 U
Bromodichloromethane	50		1 U	1 U	1 U	1 U	1 U	1 U
Bromoform	50		1 U	1 U	1 U	1 U	1 U	1 U
Bromomethane	5		1 U	1 U	1 U	1 U	1 U	1 U
Carbon disulfide	60		1 U	1 U	1 U	1 U	1 U	1 U
Carbon tetrachloride	5		1 U	1 U*	1 U	1 U	1 U	1 U
Chlorobenzene	5		1 U	1 U	1 U	1 U	1 U	1 U
Chloroethane	5		1 U	1 U	1 U	1 U	1 U	1 U
Chloroform	7		1 U	1 U	1 U	1 U	1 U	1 U
cis-1,2-Dichloroethene	5		1.9	1 U	**[10]**	**[14]**	**[13]**	1.2
cis-1,3-Dichloropropene	0.4		1 U	1 U	1 U	1 U	1 U	1 U
Dibromochloromethane	50		1 U	1 U	1 U	1 U	1 U	1 U
Ethylbenzene	5		1 U	1 U	1 U	1 U	1 U	1 U
Methyl chloride	5		1 U	1 U	1 U	1 U	1 U	1 U
Methyl ethyl ketone	50		10 U	10 U	10 U	10 U	10 U	10 U
Methylene chloride	5		1 U	1 U	1 U	1 U	1 U	1 U
Styrene	5		1 U	1 U	1 U	1 U	1 U	1 U
Tetrachloroethene	5		1 U	1 U	1 U	1 U	1 U	1 U
Toluene	5		1 U	1 U	1 U	1 U	1 U	1 U
trans-1,2-Dichloroethene	5		1 U	1 U	1 U	1 U	1 U	1 U
trans-1,3-Dichloropropene	0.4		1 U	1 U*	1 U	1 U	1 U	1 U
Trichloroethene	5		1 U	1 U	1 U	1 U	1 U	1 U
Vinyl chloride	2		1 U	1 U	**[2.3]**	**[2.8]**	**[1.4]**	1 U
Xylenes, Total	5		2 U	2 U	2 U	2 U	2 U	2 U

NOTES:
U - not detected, J - estimated, D - Diluted Result, H - Holding time exceeded, R - unusable, NS - no standard, Dup - duplicate sample,
--- Not analyzed, F - MS and/or MSD recovery/RPD exceeds the control limits
[ ] - Exceeds NYS Class GA Ground Water Qaulity Standard
Trip Blank associated with samples collected on 10/29/07 contained Acetone and Methylene Chloride.
Data have not been validated

RAMBOLL

Table 4
Groundwater Data - VOCs
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW Stds (ug/l)	Location ID / Depth Interval / Sample Date / Sample ID	MW-10S - 6/27/2017 MW10S 062717 ug/l	MW-10S - 9/12/2017 MW10S 091217 ug/l	MW-10S - 12/21/2017 MW10S 122117 ug/l	MW-10S - 3/15/2018 MW 10S 031518 ug/l	MW-10S - 6/20/2018 MW 10S 062018 ug/l	MW-10S - 9/19/2018 X-1 ug/l
1,1,1-Trichloroethane	5		1 U	1 U	1 U	1.0 U	1.0 U	1.0 U
1,1,2,2-Tetrachloroethane	5		1 U	1 U	1 U	1.0 U	1.0 U	1.0 U
1,1,2-Trichloroethane	1		1 U	1 U	1 U	1.0 U	1.0 U	1.0 U
1,1-Dichloroethane	5		1 U	1 U	1 U	1.0 U	1.0 U	1.0 U
1,1-Dichloroethene	5		1 U	1 U	1 U	1.0 U	1.0 U	1.0 U
1,2-Dichloroethane	0.6		1 U	1 U	1 U	1.0 U	1.0 U	1.0 U
1,2-Dichloroethene (Total)	5		---	---	---	---	---	---
1,2-Dichloropropane	1		1 U	1 U	1 U	1.0 U	1.0 U	1.0 U
2-Hexanone	50		5 U	5 U	5 U	5.0 U	5.0 U	5.0 U
4-Methyl-2-pentanone	NS		5 U	5 U	5 U	5.0 U	5.0 U	5.0 U*
Acetone	50		10 U	10 U	10 U	10 U	10 U	10 U
Benzene	1		1 U	1 U	1 U	1.0 U	1.0 U	1.0 U
Bromodichloromethane	50		1 U	1 U	1 U	1.0 U	1.0 U	1.0 U
Bromoform	50		1 U	1 U	1 U	1.0 U	1.0 U	1.0 U
Bromomethane	5		1 U	1 U	1 U	1.0 U	1.0 U	1.0 U
Carbon disulfide	60		1 U	1 U	1 U	1.0 U	1.0 U	1.0 U
Carbon tetrachloride	5		1 U	1 U	1 U	1.0 U	1.0 U	1.0 U
Chlorobenzene	5		1 U	1 U	1 U	1.0 U	1.0 U	1.0 U
Chloroethane	5		1 U	1 U	1 U	1.0 U	1.0 U	1.0 U
Chloroform	7		1 U	1 U	1 U	1.0 U	1.0 U	1.0 U
cis-1,2-Dichloroethene	5		1.3	**[29]**	3.3	2.9	**[12]**	**[30]**
cis-1,3-Dichloropropene	0.4		1 U	1 U	1 U	1.0 U	1.0 U	1.0 U
Dibromochloromethane	50		1 U	1 U	1 U	1.0 U	1.0 U	1.0 U
Ethylbenzene	5		1 U	1 U	1 U	1.0 U	1.0 U	1.0 U
Methyl chloride	5		1 U	1 U	1 U	1.0 U	1.0 U	1.0 U
Methyl ethyl ketone	50		10 U	10 U	10 U	10 U	10 U	10 U
Methylene chloride	5		1 U	1 U	1 U	1.0 U	1.0 U	1.0 U
Styrene	5		1 U	1 U	1 U	1.0 U	1.0 U	1.0 U
Tetrachloroethene	5		1 U	1 U	1 U	1.0 U	1.0 U	1.0 U
Toluene	5		1 U	1 U	1 U	1.0 U	1.0 U	1.0 U
trans-1,2-Dichloroethene	5		1 U	1 U	1 U	1.0 U	1.0 U	1.0 U
trans-1,3-Dichloropropene	0.4		1 U	1 U	1 U	1.0 U	1.0 U	1.0 U
Trichloroethene	5		1 U	1 U	1 U	1.0 U	1.0 U	1.0 U
Vinyl chloride	2		1 U	**[6.6]**	1 U	1.0 U	**[2.3]**	**[4.0]**
Xylenes, Total	5		2 U	2 U	2 U	2.0 U	2.0 U	2.0 U

NOTES:
U - not detected, J - estimated, D - Diluted Result, H - Holding time exceeded, R - unusable, NS - no standard, Dup - duplicate sample,
--- Not analyzed, F - MS and/or MSD recovery/RPD exceeds the control limits
[ ] - Exceeds NYS Class GA Ground Water Qaulity Standard
Trip Blank associated with samples collected on 10/29/07 contained Acetone and Methylene Chloride.
Data have not been validated

RAMBOLL

Table 4
Groundwater Data - VOCs
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW Stds (ug/l)	Location ID Depth Interval Sample Date Sample ID ug/l	MW-10S - 9/19/2018 MW 10S 091918 ug/l	MW-10S - 11/28/2018 X-1-112818 ug/l	MW-10S - 11/28/2018 MW-10S-112818 ug/l	MW-10S - 3/20/219 MW-10S-032019 ug/l	MW-10S - 6/20/2019 MW-10S-062019 ug/l	MW-10S - 9/25/2019 MW-10S-092519 ug/l
1,1,1-Trichloroethane	5		1.0 U	1 U	1 U	1 U	1 U	1 U
1,1,2,2-Tetrachloroethane	5		1.0 U	1 U	1 U	1 U	1 U	1 U
1,1,2-Trichloroethane	1		1.0 U	1 U	1 U	1 U	1 U	1 U
1,1-Dichloroethane	5		1.0 U	1 U	1 U	1 U	1 U	1 U
1,1-Dichloroethene	5		1.0 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichloroethane	0.6		1.0 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichloroethene (Total)	5		---	---	---	---	---	---
1,2-Dichloropropane	1		1.0 U	1 U	1 U	1 U	1 U	1 U
2-Hexanone	50		5.0 U	5 U *	5 U *	5 U	5 U	5 U
4-Methyl-2-pentanone	NS		5.0 U*	5 U	5 U	5 U	5 U	5 U
Acetone	50		10 U	10 U	10 U	10 U	10 U	10 U
Benzene	1		1.0 U	1 U	1 U	1 U	1 U	1 U
Bromodichloromethane	50		1.0 U	1 U	1 U	1 U	1 U	1 U
Bromoform	50		1.0 U	1 U	1 U	1 U	1 U	1 U
Bromomethane	5		1.0 U	1 U	1 U	1 U	1 U	1 U
Carbon disulfide	60		1.0 U	1 U	1 U	1 U	1 U	1 U
Carbon tetrachloride	5		1.0 U	1 U	1 U	1 U	1 U	1 U
Chlorobenzene	5		1.0 U	1 U	1 U	1 U	1 U	1 U
Chloroethane	5		1.0 U	1 U	1 U	1 U	1 U	1 U
Chloroform	7		1.0 U	1 U	1 U	1 U	1 U	1 U
cis-1,2-Dichloroethene	5		**[37]**	1.1	1	1 U	1 U	**[20]**
cis-1,3-Dichloropropene	0.4		1.0 U	1 U *	1 U *	1 U	1 U	1 U
Dibromochloromethane	50		1.0 U	1 U	1 U	1 U	1 U	1 U
Ethylbenzene	5		1.0 U	1 U	1 U	1 U	1 U	1 U
Methyl chloride	5		1.0 U	1 U	1 U	1 U	1 U	1 U
Methyl ethyl ketone	50		10 U	10 U	10 U	10 U	10 U	10 U
Methylene chloride	5		1.0 U	1 U	1 U	1 U	1 U	1 U
Styrene	5		1.0 U	1 U	1 U	1 U	1 U	1 U
Tetrachloroethene	5		1.0 U	1 U	1 U	1 U	1 U*	1 U
Toluene	5		1.0 U	1 U	1 U	1 U	1 U	0.59 J
trans-1,2-Dichloroethene	5		1.0 U	1 U	1 U	1 U	1 U	1 U
trans-1,3-Dichloropropene	0.4		1.0 U	1 U *	1 U *	1 U	1 U	1 U
Trichloroethene	5		1.0 U	1 U	1 U	1 U	1 U	1 U
Vinyl chloride	2		**[4.9]**	1 U	1 U	1 U	1 U	**[3.5]**
Xylenes, Total	5		2.0 U	2 U	2 U	2 U	2 U	2 U

NOTES:
U - not detected, J - estimated, D - Diluted Result, H - Holding time exceeded, R - unusable, NS - no standard, Dup - duplicate sample,
--- Not analyzed, F - MS and/or MSD recovery/RPD exceeds the control limits
[ ] - Exceeds NYS Class GA Ground Water Qaulity Standard
Trip Blank associated with samples collected on 10/29/07 contained Acetone and Methylene Chloride.
Data have not been validated

Table 4
Groundwater Data - VOCs
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW Stds (ug/l)	Location ID	MW-10S	MW-10S	MW-10S	MW-10S	MW-10S	MW-10S
		Depth Interval	-	-	--	--	--	--
		Sample Date	12/19/2019	3/17/2020	6/17/2020	9/23/2020	9/23/2020	12/15/2020
		Sample ID	MW-10S-121919	MW 10S 031720	MW10S061720	MW10S092320	X-1 092320	MW10S 121520
			ug/l	ug/l	µg/L	µg/L	µg/L	µg/L
1,1,1-Trichloroethane	5		1 U	1 U	1 U	1 U	1 U	1 U
1,1,2,2-Tetrachloroethane	5		1 U	1 U	1 U	1 U	1 U	1 U
1,1,2-Trichloroethane	1		1 U	1 U	1 U	1 U	1 U	1 U
1,1-Dichloroethane	5		1 U	1 U	1 U	1 U	1 U	1 U
1,1-Dichloroethene	5		1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichloroethane	0.6		1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichloroethene (Total)	5		---	---	---	---	---	---
1,2-Dichloropropane	1		1 U	1 U	1 U	1 U	1 U	1 U
2-Hexanone	50		5 U	5 U	5 U	5 U	5 U	5 U
4-Methyl-2-pentanone	NS		5 U	5 U	5 U	5 U	5 U	5 U
Acetone	50		10 U	10 U	10 U	10 U	10 U	10 U
Benzene	1		1 U	1 U	1 U	1 U	1 U	1 U
Bromodichloromethane	50		1 U	1 U	1 U	1 U	1 U	1 U
Bromoform	50		1 U	1 U	1 U	1 U	1 U	1 U
Bromomethane	5		1 U	1 U	1 U	1 U	1 U	1 U
Carbon disulfide	60		1 U	1 U	1 U	1 U	1 U	1 U
Carbon tetrachloride	5		1 U	1 U	1 U	1 U	1 U	1 U
Chlorobenzene	5		1 U	1 U	1 U	1 U	1 U	1 U
Chloroethane	5		1 U	1 U	1 U	1 U	1 U	1 U
Chloroform	7		1 U	1 U	1 U	1 U	1 U	1 U
cis-1,2-Dichloroethene	5		1 U	1 U	**[40]**	**[24]**	**[19]**	**[44]**
cis-1,3-Dichloropropene	0.4		1 U	1 U	1 U	1 U	1 U	1 U
Dibromochloromethane	50		1 U	1 U	1 U	1 U	1 U	1 U
Ethylbenzene	5		1 U	1 U	1 U	1 U	1 U	1 U
Methyl chloride	5		1 U	1 U	1 U	1 U	1 U	1 U
Methyl ethyl ketone	50		10 U	10 U	10 U	10 U	10 U	10 U
Methylene chloride	5		1 U	1 U	1 U	1 U	1 U	1 U
Styrene	5		1 U	1 U	1 U	1 U	1 U	1 U
Tetrachloroethene	5		1 U	1 U	1 U	1 U	1 U	1 U
Toluene	5		1 U	1 U	1 U	1 U	1 U	1 U
trans-1,2-Dichloroethene	5		1 U	1 U	1 U	1 U	1 U	1 U
trans-1,3-Dichloropropene	0.4		1 U	1 U	1 U	1 U	1 U	1 U
Trichloroethene	5		1 U	1 U	1 U	1 U	1 U	1 U
Vinyl chloride	2		1 U	1 U	**[6.4]**	**[4]**	**[3.1]**	**[5.7]**
Xylenes, Total	5		2 U	2 U	2 U	2 U	2 U	2U

NOTES:
U - not detected, J - estimated, D - Diluted Result, H - Holding time exceeded, R - unusable, NS - no standard, Dup - duplicate sample,
--- Not analyzed, F - MS and/or MSD recovery/RPD exceeds the control limits
[ ] - Exceeds NYS Class GA Ground Water Qaulity Standard
Trip Blank associated with samples collected on 10/29/07 contained Acetone and Methylene Chloride.
Data have not been validated

Table 4
Groundwater Data - VOCs
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW Stds (ug/l)	Location ID	MW-10S	MW-10S	MW-10S	MW-10S	MW-10S	MW-10S
		Depth Interval		--	-	-	-	-
		Sample Date	3/24/2021	6/15/2021	9/23/2021	9/23/2021	12/22/2021	12/22/2021
		Sample ID	MW10S032421	MW10S 061521	MW10S 092321	X-1 092321	MW10S 122221	X-1 122221
			µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
1,1,1-Trichloroethane	5		1U	1 U	1 U	1 U	1.0 U	1.0 U
1,1,2,2-Tetrachloroethane	5		1U	1 U	1 U	1 U	1.0 U	1.0 U
1,1,2-Trichloroethane	1		1U	1 U	1 U	1 U	1.0 U	1.0 U
1,1-Dichloroethane	5		1U	1 U	1 U	1 U	1.0 U	1.0 U
1,1-Dichloroethene	5		1U	1 U	1 U	1 U	1.0 U	1.0 U
1,2-Dichloroethane	0.6		1U	1 U	1 U	1 U	1.0 U	1.0 U
1,2-Dichloroethene (Total)	5		---	---	---	---	---	---
1,2-Dichloropropane	1		1U	1 U	1 U	1 U	1.0 U	1.0 U
2-Hexanone	50		5U	5 U	5 U	5 U	5.0 U	5.0 U
4-Methyl-2-pentanone	NS		5U	5 U	5 U	5 U	5.0 U	5.0 U
Acetone	50		10U	10 U	10 U	10 U	10 U	10 U
Benzene	1		1U	1 U	1 U	1 U	1.0 U	1.0 U
Bromodichloromethane	50		1U	1 U	1 U	1 U	1.0 U	1.0 U
Bromoform	50		1U	1 U	1 U	1 U	1.0 U	1.0 U
Bromomethane	5		1U	1 U	1 U	1 U	1.0 U	1.0 U
Carbon disulfide	60		1U	1 U	1 U	1 U	1.0 U	1.0 U
Carbon tetrachloride	5		1U	1 U	1 U	1 U	1.0 U	1.0 U
Chlorobenzene	5		1U	1 U	1 U	1 U	1.0 U	1.0 U
Chloroethane	5		1U	1 U	1 U	1 U	1.0 U	1.0 U
Chloroform	7		1U	1 U	1 U	1 U	1.0 U	1.0 U
cis-1,2-Dichloroethene	5		**[23]**	1.5	1 U	1 U	**[9.1]**	**[8.2]**
cis-1,3-Dichloropropene	0.4		1U	1 U	1 U	1 U	1.0 U	1.0 U
Dibromochloromethane	50		1U	1 U	1 U	1 U	1.0 U	1.0 U
Ethylbenzene	5		1U	1 U	1 U	1 U	1.0 U	1.0 U
Methyl chloride	5		1U	1 U	1 U	1 U	1.0 U	1.0 U
Methyl ethyl ketone	50		10U	10 U	10 U	10 U	10 U	10 U
Methylene chloride	5		1U	1 U	1 U	1 U	1.0 U	1.0 U
Styrene	5		1U	1 U	1 U	1 U	1.0 U	1.0 U
Tetrachloroethene	5		1U	1 U	1 U	1 U	1.0 U	1.0 U
Toluene	5		1U	1 U	1 U	1 U	1.0 U	1.0 U
trans-1,2-Dichloroethene	5		1U	1 U	1 U	1 U	1.0 U	1.0 U
trans-1,3-Dichloropropene	0.4		1U	1 U	1 U	1 U	1.0 U	1.0 U
Trichloroethene	5		1U	1 U	1 U	1 U	1.0 U	1.0 U
Vinyl chloride	2		**[2.8]**	1 U	1 U	1 U	1.4	1.1
Xylenes, Total	5		2U	2U	2 U	2 U	2.0 U	2.0 U

NOTES:
U - not detected, J - estimated, D - Diluted Result, H - Holding time exceeded, R - unusable, NS - no standard, Dup - duplicate sample,
--- Not analyzed, F - MS and/or MSD recovery/RPD exceeds the control limits
[ ] - Exceeds NYS Class GA Ground Water Qaulity Standard
Trip Blank associated with samples collected on 10/29/07 contained Acetone and Methylene Chloride.
Data have not been validated

Table 4
Groundwater Data - VOCs
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW Stds (ug/l)	Location ID Depth Interval Sample Date Sample ID	MW-10S - 3/24/2022 MW10S 032422 µg/L	MW-10S - 6/22/2022 MW-10S 062222 ug/l	MW-10S - 9/29/2022 MW10S 092922 ug/l	MW-10S --- 12/21/2022 MW10S122122 ug/l	MW-10S --- 12/22/2022 X-1122122 ug/l
1,1,1-Trichloroethane	5		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1,2,2-Tetrachloroethane	5		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1,2-Trichloroethane	1		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1-Dichloroethane	5		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1-Dichloroethene	5		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichloroethane	0.6		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichloroethene (Total)	5		---	---	---	---	---
1,2-Dichloropropane	1		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
2-Hexanone	50		5.0 U	5.0 U	5.0 U	5.0 U *+	5.0 U *+
4-Methyl-2-pentanone	NS		5.0 U	5.0 U	5.0 U	5.0 U *+	5.0 U *+
Acetone	50		10 U	10 U	10 U	10 U	10 U
Benzene	1		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromodichloromethane	50		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromoform	50		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromomethane	5		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Carbon disulfide	60		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Carbon tetrachloride	5		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chlorobenzene	5		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chloroethane	5		1.0 U *1	1.0 U	1.0 U	1.0 U	1.0 U
Chloroform	7		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
cis-1,2-Dichloroethene	5		1.3	**[32]**	1.0 U	1.0 U	1.0 U
cis-1,3-Dichloropropene	0.4		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Dibromochloromethane	50		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Ethylbenzene	5		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Methyl chloride	5		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Methyl ethyl ketone	50		10 U	10 U	10 U	10 U	10 U
Methylene chloride	5		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Styrene	5		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Tetrachloroethene	5		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Toluene	5		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
trans-1,2-Dichloroethene	5		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
trans-1,3-Dichloropropene	0.4		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Trichloroethene	5		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Vinyl chloride	2		1.0 U	**[4.7]**	1.0 U	1.0 U	1.0 U
Xylenes, Total	5		2.0 U	2.0 U	2.0 U	2.0 U	2.0 U

NOTES:
U - not detected, J - estimated, D - Diluted Result, H - Holding time exceeded, R - unusable, NS - no standard, Dup - duplicate sample,
--- Not analyzed, F - MS and/or MSD recovery/RPD exceeds the control limits
[ ] - Exceeds NYS Class GA Ground Water Qaulity Standard
Trip Blank associated with samples collected on 10/29/07 contained Acetone and Methylene Chloride.
Data have not been validated

Table 4
Groundwater Data - VOCs
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW Stds (ug/l)	Location ID	MW-10D	MW-10D	MW-10D	MW-10D	MW-10D	MW-10D
		Depth Interval	-	-	-	-	-	-
		Sample Date	7/29/1997	9/15/1997	2/15/2000	8/14/2001	11/29/2001	2/27/2002
		Sample ID	MW-10D_WG_072997	MW-10D_WG_091597	MW-10D_WG_021500	MW-10D_WG_081401	MW-10D_WG_112901	MW-10D_WG_022702
			ug/l	ug/l	ug/l	ug/l	ug/l	ug/l
1,1,1-Trichloroethane	5		1 U	1 U	0.1 J	0.5 U	0.5 U	0.5 U
1,1,2,2-Tetrachloroethane	5		1 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1,2-Trichloroethane	1		1 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1-Dichloroethane	5		1 U	1 U	2	0.5	0.5 J	1
1,1-Dichloroethene	5		1 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U
1,2-Dichloroethane	0.6		1 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U
1,2-Dichloroethene (Total)	5		1 U	1 U	---	---	---	---
1,2-Dichloropropane	1		1 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U
2-Hexanone	50		2 U	2 U	5 U	5 U	5 U	5 U
4-Methyl-2-pentanone	NS		2 U	2 U	5 U	5 U	5 U	5 U
Acetone	50		2 U	2 U	10 U	10 U	10 U	10 U
Benzene	1		1 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U
Bromodichloromethane	50		1 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U
Bromoform	50		1 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U
Bromomethane	5		2 U	2 U	1 U	1 UJ	1 U	1 U
Carbon disulfide	60		1 U	1 U	0.5 U	0.5 UJ	0.5 U	0.5 U
Carbon tetrachloride	5		1 U	1 U	0.5 U	0.5 UJ	0.5 U	0.5 U
Chlorobenzene	5		1 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U
Chloroethane	5		1 U	1 U	1 U	1 UJ	1 U	1 U
Chloroform	7		0.3	1 U	0.5 U	0.5 U	0.5 U	0.5 U
cis-1,2-Dichloroethene	5		---	---	0.5 U	0.3 J	0.3 J	0.4 J
cis-1,3-Dichloropropene	0.4		1 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U
Dibromochloromethane	50		1 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U
Ethylbenzene	5		1 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U
Methyl chloride	5		1 U	1 U	1 U	1 U	1 U	1 U
Methyl ethyl ketone	50		4 U	4 U	10 U	10 U	10 U	10 U
Methylene chloride	5		1 U	1 U	2 U	2 J	2 U	2 U
Styrene	5		1 U	1 U	0.5 U	0.5 U	0.5 U	0.5 UJ
Tetrachloroethene	5		1 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U
Toluene	5		1 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U
trans-1,2-Dichloroethene	5		---	---	0.5 U	0.5 U	0.5 U	0.5 U
trans-1,3-Dichloropropene	0.4		1 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U
Trichloroethene	5		1 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U
Vinyl chloride	2		1 U	1 U	0.8 J	0.7 J	**[2]**	0.5 J
Xylenes, Total	5		1 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U

NOTES:
U - not detected, J - estimated, D - Diluted Result, H - Holding time exceeded, R - unusable, NS - no standard, Dup - duplicate sample,
--- Not analyzed, F - MS and/or MSD recovery/RPD exceeds the control limits
[ ] - Exceeds NYS Class GA Ground Water Qaulity Standard
Trip Blank associated with samples collected on 10/29/07 contained Acetone and Methylene Chloride.
Data have not been validated

Table 4
Groundwater Data - VOCs
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW Stds (ug/l)	Location ID / Depth Interval / Sample Date / Sample ID	MW-10D - 5/15/2002 MW-10D_WG_051502 ug/l	MW-10D - 7/30/2003 MW-10D_WG_073003 ug/l	MW-10D - 2/5/2004 MW-10D_WG_020504 ug/l	MW-10D - 5/18/2004 MW-10D_WG_051804 ug/l	MW-10D - 8/5/2004 MW-10D_WG_080504 ug/l	MW-10D - 11/17/2004 MW-10D_WG_111704 ug/l
1,1,1-Trichloroethane	5		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1,2,2-Tetrachloroethane	5		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1,2-Trichloroethane	1		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1-Dichloroethane	5		0.3 J	0.1 J	0.5 U	0.5 U	0.5 U	0.5 U
1,1-Dichloroethene	5		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,2-Dichloroethane	0.6		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,2-Dichloroethene (Total)	5		---	---	---	---	---	---
1,2-Dichloropropane	1		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
2-Hexanone	50		5 U	5 U	5 U	5 U	5 U	5 U
4-Methyl-2-pentanone	NS		5 U	5 U	5 U	5 U	5 U	5 U
Acetone	50		10 U	10 U	10 U	1 J	10 U	10 U
Benzene	1		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Bromodichloromethane	50		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Bromoform	50		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Bromomethane	5		1 U	1 U	1 U	1 U	1 U	1 U
Carbon disulfide	60		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Carbon tetrachloride	5		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Chlorobenzene	5		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Chloroethane	5		1 U	1 U	1 U	1 U	1 U	1 U
Chloroform	7		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
cis-1,2-Dichloroethene	5		0.3 J	0.1 J	0.5 U	0.5 U	0.5 U	0.5 U
cis-1,3-Dichloropropene	0.4		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Dibromochloromethane	50		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Ethylbenzene	5		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Methyl chloride	5		1 UJ	1 U	1 U	1 U	1 U	1 U
Methyl ethyl ketone	50		10 U	10 U	10 U	10 U	10 U	10 U
Methylene chloride	5		2 U	2 U	2 U	2 U	2 U	2 U
Styrene	5		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Tetrachloroethene	5		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Toluene	5		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
trans-1,2-Dichloroethene	5		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
trans-1,3-Dichloropropene	0.4		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Trichloroethene	5		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Vinyl chloride	2		1	0.2 J	1 U	0.1 J	1 U	1 U
Xylenes, Total	5		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U

NOTES:
U - not detected, J - estimated, D - Diluted Result, H - Holding time exceeded, R - unusable, NS - no standard, Dup - duplicate sample,
--- Not analyzed, F - MS and/or MSD recovery/RPD exceeds the control limits
[ ] - Exceeds NYS Class GA Ground Water Qaulity Standard
Trip Blank associated with samples collected on 10/29/07 contained Acetone and Methylene Chloride.
Data have not been validated

RAMBOLL

Table 4
Groundwater Data - VOCs
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW Stds (ug/l)	Location ID	MW-10D	MW-10D	MW-10D	MW-10D	MW-10D	MW-10D
		Depth Interval	-	-	-	-	-	-
		Sample Date	2/15/2005	4/20/2005	9/6/2005	11/14/2005	4/25/2006	11/14/2005
		Sample ID	MW-10D_WG_021505	MW-10D_WG_042005	MW-10D_09062005	MW-10D_11142005	MW-10D_04252006	MW-10D_11142005
			ug/l	ug/l	ug/l	ug/l	ug/l	ug/l
1,1,1-Trichloroethane	5		0.5 U	0.5 U	0.50 U	0.50 U	0.50 U	0.50 U
1,1,2,2-Tetrachloroethane	5		0.5 U	0.5 U	0.50 U	0.50 U	0.50 U	0.50 U
1,1,2-Trichloroethane	1		0.5 U	0.5 U	0.50 U	0.50 U	0.50 U	0.50 U
1,1-Dichloroethane	5		0.5 U	0.5 U	0.50 U	0.50 U	0.50 U	0.50 U
1,1-Dichloroethene	5		0.5 U	0.5 U	0.50 U	0.50 U	0.50 U	0.50 U
1,2-Dichloroethane	0.6		0.5 U	0.5 U	0.50 U	0.50 U	0.50 U	0.50 U
1,2-Dichloroethene (Total)	5		---	---	---	---	---	---
1,2-Dichloropropane	1		0.5 U	0.5 U	0.50 U	0.50 U	0.50 U	0.50 U
2-Hexanone	50		5 U	5 U	5.00 U	5.00 U	5.00 U	5.00 U
4-Methyl-2-pentanone	NS		5 U	5 U	5.00 U	5.00 U	5.00 U	5.00 U
Acetone	50		2 J	10 U	1.94 J	10.0 U	10.0 U	10.0 U
Benzene	1		0.5 U	0.5 U	0.50 U	0.50 U	0.50 U	0.50 U
Bromodichloromethane	50		0.5 U	0.5 U	0.50 U	0.50 U	0.50 U	0.50 U
Bromoform	50		0.5 U	0.5 U	0.50 U	0.50 U	0.50 U	0.50 U
Bromomethane	5		1 U	1 U	1.00 U	1.00 U	1.00 U	1.00 U
Carbon disulfide	60		0.5 U	0.5 U	0.50 U	0.50 U	0.50 U	0.50 U
Carbon tetrachloride	5		0.5 U	0.5 U	0.50 U	0.50 U	0.50 U	0.50 U
Chlorobenzene	5		0.5 U	0.5 U	0.50 U	0.50 U	0.50 U	0.50 U
Chloroethane	5		1 U	1 U	1.00 U	1.00 U	1.00 U	1.00 U
Chloroform	7		0.5 U	0.5 U	0.50 U	0.50 U	0.50 U	0.50 U
cis-1,2-Dichloroethene	5		0.5 U	0.5 U	0.50 U	0.50 U	0.50 U	0.50 U
cis-1,3-Dichloropropene	0.4		0.5 U	0.5 U	0.50 U	0.50 U	0.50 U	0.50 U
Dibromochloromethane	50		0.5 U	0.5 U	0.50 U	0.50 U	0.50 U	0.50 U
Ethylbenzene	5		0.5 U	0.5 U	0.50 U	0.50 U	0.50 U	0.50 U
Methyl chloride	5		1 U	1 U	1.00 U	1.00 U	1.00 U	1.00 U
Methyl ethyl ketone	50		10 U	10 U	10.0 U	10.0 U	10.0 U	10.0 U
Methylene chloride	5		2 U	2 U	2.00 U	2.00 U	2.00 U	2.00 U
Styrene	5		0.5 U	0.5 U	0.50 U	0.50 U	0.50 U	0.50 U
Tetrachloroethene	5		0.5 U	0.5 U	0.50 U	0.50 U	0.50 U	0.50 U
Toluene	5		0.5 U	0.5 U	0.50 U	0.50 U	0.50 U	0.50 U
trans-1,2-Dichloroethene	5		0.5 U	0.5 U	0.50 U	0.50 U	0.50 U	0.50 U
trans-1,3-Dichloropropene	0.4		0.5 U	0.5 U	0.50 U	0.50 U	0.50 U	0.50 U
Trichloroethene	5		0.5 U	0.5 U	0.50 U	0.50 U	0.50 U	0.50 U
Vinyl chloride	2		1 U	1 U	1.00 U	1.00 U	1.00 U	1.00 U
Xylenes, Total	5		0.5 U	0.5 U	1.00 U	1.00 U	1.00 U	1.00 U

NOTES:
U - not detected, J - estimated, D - Diluted Result, H - Holding time exceeded, R - unusable, NS - no standard, Dup - duplicate sample,
--- Not analyzed, F - MS and/or MSD recovery/RPD exceeds the control limits
[ ] - Exceeds NYS Class GA Ground Water Qaulity Standard
Trip Blank associated with samples collected on 10/29/07 contained Acetone and Methylene Chloride.
Data have not been validated

RAMBOLL

Table 4
Groundwater Data - VOCs
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW Stds (ug/l)	Location ID / Depth Interval / Sample Date / Sample ID	MW-10D - 4/25/2006 MW-10D_04252006 ug/l	MW-10D - 11/14/2006 MW-10D_11142006 ug/l	MW-10D - 5/3/2007 MW-10D_050307 ug/l	MW-10D - 10/30/2007 MW 10 D-103007 ug/l	MW-10D 5/22/2008 MW 10 D-052208 ug/l	MW-10D 11/19/2008 MW 10 D-111908 ug/l
1,1,1-Trichloroethane	5		0.50 U	0.50 U	0.5 U	0.5 HU	0.5 U	0.5 U
1,1,2,2-Tetrachloroethane	5		0.50 U	0.50 U	0.5 U	0.5 HU	0.5 U	0.5 U
1,1,2-Trichloroethane	1		0.50 U	0.50 U	0.5 U	0.5 HU	0.5 U	0.5 U
1,1-Dichloroethane	5		0.50 U	0.50 U	0.5 U	0.5 HU	0.5 U	0.5 U
1,1-Dichloroethene	5		0.50 U	0.50 U	0.5 U	0.5 HU	0.5 U	0.5 U
1,2-Dichloroethane	0.6		0.50 U	0.50 U	0.5 U	0.5 HU	0.5 U	0.5 U
1,2-Dichloroethene (Total)	5		---	---	---	---	---	---
1,2-Dichloropropane	1		0.50 U	0.50 U	0.5 U	0.5 HU	0.5 U	0.5 U
2-Hexanone	50		5.00 U	5.00 U	5 U	5 HU	5 U	5 U
4-Methyl-2-pentanone	NS		5.00 U	5.00 U	5 U	5 HU	5 U	5 U
Acetone	50		10.0 U	10.0 U	10 U	10 HU	10 U	10 U
Benzene	1		0.50 U	0.50 U	0.5 U	0.5 HU	0.5 U	0.5 U
Bromodichloromethane	50		0.50 U	0.50 U	0.5 U	0.5 HU	0.5 U	0.5 U
Bromoform	50		0.50 U	0.50 U	0.5 U	0.5 HU	1 U	1 U
Bromomethane	5		1.00 U	1.00 U	1 U	1 HU	1 U	1 U
Carbon disulfide	60		0.50 U	0.50 U	0.5 U	0.5 HU	0.5 U	0.5 U
Carbon tetrachloride	5		0.50 U	0.50 U	0.5 U	0.5 HU	0.5 U	0.5 U
Chlorobenzene	5		0.50 U	0.50 U	0.5 U	0.5 HU	0.5 U	0.5 U
Chloroethane	5		1.00 U	1.00 U	1 U	1 HU	1 U	1 U
Chloroform	7		0.50 U	0.50 U	0.5 U	0.5 HU	0.5 U	0.5 U
cis-1,2-Dichloroethene	5		0.50 U	0.50 U	0.5 U	0.5 HU	0.5 U	0.5 U
cis-1,3-Dichloropropene	0.4		0.50 U	0.50 U	0.5 U	0.5 HU	0.5 U	0.5 U
Dibromochloromethane	50		0.50 U	0.50 U	0.5 U	0.5 HU	0.5 U	0.5 U
Ethylbenzene	5		0.50 U	0.50 U	0.5 U	0.5 HU	0.5 U	0.5 U
Methyl chloride	5		1.00 U	1.00 U	1 U	1 HU	1 U	1 U
Methyl ethyl ketone	50		10.0 U	10.0 U	10 U	10 HU	10 U	10 U
Methylene chloride	5		2.00 U	2.00 U	2 U	2 HU	2 U	2 U
Styrene	5		0.50 U	0.50 U	0.5 U	0.5 HU	0.5 U	0.5 U
Tetrachloroethene	5		0.50 U	0.50 U	0.5 U	0.5 HU	0.5 U	0.5 U
Toluene	5		0.50 U	0.50 U	0.5 U	0.5 HU	0.5 U	0.5 U
trans-1,2-Dichloroethene	5		0.50 U	0.50 U	0.5 U	0.5 HU	0.5 U	0.5 U
trans-1,3-Dichloropropene	0.4		0.50 U	0.50 U	0.5 U	0.5 HU	0.5 U	0.5 U
Trichloroethene	5		0.50 U	0.50 U	0.5 U	0.5 HU	0.5 U	0.5 U
Vinyl chloride	2		1.00 U	1.00 U	1 U	1 HU	1 U	1 U
Xylenes, Total	5		1.00 U	1.00 U	1 U	1 HU	1 U	1 U

NOTES:
U - not detected, J - estimated, D - Diluted Result, H - Holding time exceeded, R - unusable, NS - no standard, Dup - duplicate sample,
--- Not analyzed, F - MS and/or MSD recovery/RPD exceeds the control limits
[ ] - Exceeds NYS Class GA Ground Water Qaulity Standard
Trip Blank associated with samples collected on 10/29/07 contained Acetone and Methylene Chloride.
Data have not been validated

RAMBOLL

Table 4
Groundwater Data - VOCs
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW Stds (ug/l)	Location ID / Depth Interval / Sample Date / Sample ID	MW-10D - 10/22/2009 MW-10D-10222009 ug/l	MW-10D - 5/18/2010 W-10D-051810051820 ug/l	MW-10D - 1/20/2011 MW-10D-01202011 ug/l	MW-10D - 7/26/2011 MW-10D072611 ug/l	MW-10D - 4/20/2011 MW-10D-042011 ug/l	MW-10D - 7/26/2011 X1072611 ug/l
1,1,1-Trichloroethane	5		1 U	1 U	1 U	1 U	1 U	1 U
1,1,2,2-Tetrachloroethane	5		1 U	1 U	1 U	1 U	1 U	1 U
1,1,2-Trichloroethane	1		1 U	1 U	1 U	1 U	1 U	1 U
1,1-Dichloroethane	5		1 U	1 U	1 U	1 U	1 U	1 U
1,1-Dichloroethene	5		1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichloroethane	0.6		1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichloroethene (Total)	5		---	---	---	---	---	---
1,2-Dichloropropane	1		1 U	1 U	1 U	1 U	1 U	1 U
2-Hexanone	50		5 U	5 U	5 U	5 U	5 U	5 U
4-Methyl-2-pentanone	NS		5 U	5 U	5 U	5 U	5 U	5 U
Acetone	50		5 U	5 U	10 U	10 U	10 U	10 U
Benzene	1		1 U	1 U	1 U	1 U	1 U	1 U
Bromodichloromethane	50		1 U	1 U	1 U	1 U	1 U	1 U
Bromoform	50		1 U	1 U	1 U	1 U	1 U	1 U
Bromomethane	5		1 U	1 U	1 U	1 U	1 U	1 U
Carbon disulfide	60		1 U	1 U	1 U	1 U	1 U	1 U
Carbon tetrachloride	5		1 U	1 U	1 U	1 U	1 U	1 U
Chlorobenzene	5		1 U	1 U	1 U	1 U	1 U	1 U
Chloroethane	5		1 U	1 U	1 U	1 U	1 U	1 U
Chloroform	7		1 U	1 U	1 U	1 U	1 U	1 U
cis-1,2-Dichloroethene	5		1 U	1 U	1 U	1 U	1 U	1 U
cis-1,3-Dichloropropene	0.4		1 U	1 U	1 U	1 U	1 U	1 U
Dibromochloromethane	50		1 U	1 U	1 U	1 U	1 U	1 U
Ethylbenzene	5		1 U	1 U	1 U	1 U	1 U	1 U
Methyl chloride	5		---	1 U	0.93 J	1 U	1 U	1 U
Methyl ethyl ketone	50		---	5 U	10 U	10 U	10 U	10 U
Methylene chloride	5		1 U	1 U	1 U	1 U	1 U	1 U
Styrene	5		1 U	1 U	1 U	1 U	1 U	1 U
Tetrachloroethene	5		1 U	1 U	1 U	1 U	1 U	1 U
Toluene	5		1 U	1 U	0.91 J	1 U	1 U	1 U
trans-1,2-Dichloroethene	5		1 U	1 U	1 U	1 U	1 U	1 U
trans-1,3-Dichloropropene	0.4		1 U	1 U	1 U	1 U	1 U	1 U
Trichloroethene	5		1 U	1 U	1 U	1 U	1 U	1 U
Vinyl chloride	2		1 U	1 U	1 U	1 U	1 U	1 U
Xylenes, Total	5		2 U	2 U	2 U	2 U	2 U	2 U

NOTES:
U - not detected, J - estimated, D - Diluted Result, H - Holding time exceeded, R - unusable, NS - no standard, Dup - duplicate sample,
--- Not analyzed, F - MS and/or MSD recovery/RPD exceeds the control limits
[ ] - Exceeds NYS Class GA Ground Water Qaulity Standard
Trip Blank associated with samples collected on 10/29/07 contained Acetone and Methylene Chloride.
Data have not been validated

RAMBOLL

Table 4
Groundwater Data - VOCs
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW Stds (ug/l)	Location ID / Depth Interval / Sample Date / Sample ID	MW-10D 10/27/2011 MW10D102711 ug/l	MW-10D - 3/20/2012 MW10D032012 ug/l	MW-10D 8/7/2012 MW10D080712 ug/l	MW-10D - 12/19/2012 MW-10D-121912 ug/l	MW-10D - 5/21/2013 MW-10D-052113 ug/l	MW-10D - 8/22/113 MW-10D-082213 ug/l
1,1,1-Trichloroethane	5		1 U	1 U	1 U	1 U	1 U	1 U
1,1,2,2-Tetrachloroethane	5		1 U	1 U	1 U	1 U	1 U	1 U
1,1,2-Trichloroethane	1		1 U	1 U	1 U	1 U	1 U	1 U
1,1-Dichloroethane	5		1 U	1 U	1 U	1 U	1 U	1 U
1,1-Dichloroethene	5		1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichloroethane	0.6		1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichloroethene (Total)	5		---	---	---	---	---	---
1,2-Dichloropropane	1		1 U	1 U	1 U	1 U	1 U	1 U
2-Hexanone	50		5 U	5 U	5 U	5 U	5 U	5 U
4-Methyl-2-pentanone	NS		5 U	5 U	5 U	5 U	5 U	5 U
Acetone	50		10 U	10 U	10 U	10 U	10 U	10 U
Benzene	1		1 U	1 U	1 U	1 U	1 U	1 U
Bromodichloromethane	50		1 U	1 U	1 U	1 U	1 U	1 U
Bromoform	50		1 U	1 U	1 U	1 U	1 U	1 U
Bromomethane	5		1 U	1 U	1 U	1 U	1 U	1 U
Carbon disulfide	60		1 U	1 U	1 U	1 U	1 U	1 U
Carbon tetrachloride	5		1 U	1 U	1 U	1 U	1 U	1 U
Chlorobenzene	5		1 U	1 U	1 U	1 U	1 U	1 U
Chloroethane	5		1 U	1 U	1 U	1 U	1 U	1 U
Chloroform	7		1 U	1 U	1 U	1 U	1 U	1 U
cis-1,2-Dichloroethene	5		1 U	1 U	1 U	1 U	1 U	1 U
cis-1,3-Dichloropropene	0.4		1 U	1 U	1 U	1 U	1 U	1 U
Dibromochloromethane	50		1 U	1 U	1 U	1 U	1 U	1 U
Ethylbenzene	5		1 U	1 U	1 U	1 U	1 U	1 U
Methyl chloride	5		1 U	1 U	1 U	1 U	1 U	1 U
Methyl ethyl ketone	50		10 U	10 U	10 U	10 U	10 U	10 U
Methylene chloride	5		1 U	1 U	1 U	1 U	1 U	1 U
Styrene	5		1 U	1 U	1 U	1 U	1 U	1 U
Tetrachloroethene	5		1 U	1 U	1 U	1 U	1 U	1 U
Toluene	5		1 U	1 U	1 U	1 U	1 U	1 U
trans-1,2-Dichloroethene	5		1 U	1 U	1 U	1 U	1 U	1 U
trans-1,3-Dichloropropene	0.4		1 U	1 U	1 U	1 U	1 U	1 U
Trichloroethene	5		1 U	1 U	1 U	1 U	1 U	1 U
Vinyl chloride	2		1 U	1 U	1 U	1 U	1 U	1 U
Xylenes, Total	5		2 U	2 U	2 U	2 U	2 U	2 U

NOTES:
U - not detected, J - estimated, D - Diluted Result, H - Holding time exceeded, R - unusable, NS - no standard, Dup - duplicate sample,
--- Not analyzed, F - MS and/or MSD recovery/RPD exceeds the control limits
[ ] - Exceeds NYS Class GA Ground Water Qaulity Standard
Trip Blank associated with samples collected on 10/29/07 contained Acetone and Methylene Chloride.
Data have not been validated

Table 4
Groundwater Data - VOCs
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW Stds (ug/l)	Location ID Depth Interval Sample Date Sample ID	MW-10D - 12/18/2013 MW-10D-121813 ug/l	X-1-121813 - 12/18/2013 MW-10D-121813 ug/l	MW-10D - 3/25/2014 MW-10D-032514 ug/l	MW-10D - 6/10/2014 MW-10D-061014 ug/l	MW-10D - 9/23/2014 MW10D092314 ug/l	MW-10D - 12/9/2014 MW 10D 120914 ug/l
1,1,1-Trichloroethane	5		1 U	1 U	1 U	1 U	1 U	1 U*
1,1,2,2-Tetrachloroethane	5		1 U	1 U	1 U	1 U	1 U	1 U
1,1,2-Trichloroethane	1		1 U	1 U	1 U	1 U	1 U	1 U
1,1-Dichloroethane	5		1 U	1 U	1 U	1 U	1 U	1 U
1,1-Dichloroethene	5		1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichloroethane	0.6		1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichloroethene (Total)	5		---	---	---	---	---	---
1,2-Dichloropropane	1		1 U	1 U	1 U	1 U	1 U	1 U
2-Hexanone	50		5 U	5 U	5 U	5 U	5 U	5 U
4-Methyl-2-pentanone	NS		5 U	5 U	5 U	5 U	5 U	5 U
Acetone	50		10 U	10 U	10 U	10 U	10 U	10 U
Benzene	1		1 U	1 U	1 U	1 U	1 U	1 U
Bromodichloromethane	50		1 U	1 U	1 U	1 U	1 U	1 U
Bromoform	50		1 U	1 U	1 U	1 U	1 U	1 U*
Bromomethane	5		1 U	1 U	1 U	1 U	1 U	1 U
Carbon disulfide	60		1 U	1 U	1 U	1 U	1 U	1 U
Carbon tetrachloride	5		1 U	1 U	1 U	1 U	1 U	1 U
Chlorobenzene	5		1 U	1 U	1 U	1 U	1 U	1 U
Chloroethane	5		1 U	1 U	1 U	1 U	1 U	1 U
Chloroform	7		1 U	1 U	1 U	1 I	1 U	1 U
cis-1,2-Dichloroethene	5		1 U	1 U	1 U	1 U	1 U	1 U
cis-1,3-Dichloropropene	0.4		1 U	1 U	1 U	1 U	1 U	1 U
Dibromochloromethane	50		1 U *	1 U *	1 U	1 U	1 U	1 U*
Ethylbenzene	5		1 U	1 U	1 U	1 U	1 U	1 U
Methyl chloride	5		1 U	1 U	1 U	1 U	1 U	1 U
Methyl ethyl ketone	50		10 U	10 U	10 U	10 U	10 U	10 U
Methylene chloride	5		1 U	1 U	1 U	1 U	1 U	1 U
Styrene	5		1 U	1 U	1 U	1 U	1 U	1 U
Tetrachloroethene	5		1 U	1 U	1 U	1 U	1 U	1 U
Toluene	5		1 U	1 U	1 U	1 U	1 U	1 U
trans-1,2-Dichloroethene	5		1 U	1 U	1 U	1 U	1 U	1 U
trans-1,3-Dichloropropene	0.4		1 U	1 U	1 U	1 U	1 U	1 U
Trichloroethene	5		1 U	1 U	1 U	1 U	1 U	1 U
Vinyl chloride	2		1 U *	1 U *	1 U	1 U	1 U	1 U
Xylenes, Total	5		2 U	2 U	2 U	2 U	2 U	2 U

NOTES:
U - not detected, J - estimated, D - Diluted Result, H - Holding time exceeded, R - unusable, NS - no standard, Dup - duplicate sample,
--- Not analyzed, F - MS and/or MSD recovery/RPD exceeds the control limits
[ ] - Exceeds NYS Class GA Ground Water Qaulity Standard
Trip Blank associated with samples collected on 10/29/07 contained Acetone and Methylene Chloride.
Data have not been validated

RAMBOLL

Table 4
Groundwater Data - VOCs
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW Stds (ug/l)	Location ID / Depth Interval / Sample Date / Sample ID	MW-10D - 3/17/2015 MW10D 031715 ug/l	X-1 - 3/17/2015 MW10D 031715 ug/l	MW-10D - 6/25/2015 MW10D 062515 ug/l	MW-10D - 9/22/2015 MW10D 092215 ug/l	MW-10D - 1/12/2016 MW10D 011216 ug/l	MW-10D - 3/29/2016 MW10D 032916 ug/l
1,1,1-Trichloroethane	5		1 U	1 U	1 U	1 U	1 U	1 U
1,1,2,2-Tetrachloroethane	5		1 U	1 U	1 U	1 U	1 U	1 U
1,1,2-Trichloroethane	1		1 U	1 U	1 U	1 U	1 U	1 U
1,1-Dichloroethane	5		1 U	1 U	1 U	1 U	1 U	1 U
1,1-Dichloroethene	5		1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichloroethane	0.6		1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichloroethene (Total)	5		---	---	---	---	---	----
1,2-Dichloropropane	1		1 U	1 U	1 U	1 U	1 U	1 U
2-Hexanone	50		5 U	5 U	5 U	5 U	5 U	5 U
4-Methyl-2-pentanone	NS		5 U	5 U	5 U	5 U	5 U	5 U
Acetone	50		10 U	10 U	10 U	10 U	10 U *	10 U
Benzene	1		1 U	1 U	1 U	1 U	1 U	1 U
Bromodichloromethane	50		1 U	1 U	1 U	1 U	1 U	1 U
Bromoform	50		1 U	1 U	1 U	1 U	1 U	1 U
Bromomethane	5		1 U	1 U	1 U	1 U	1 U	1 U
Carbon disulfide	60		1 U	1 U	1 U	1 U	1 U	1 U
Carbon tetrachloride	5		1 U	1 U	1 U	1 U	1 U	1 U*
Chlorobenzene	5		1 U	1 U	1 U	1 U	1 U	1 U
Chloroethane	5		1 U	1 U	1 U	1 U	1 U	1 U
Chloroform	7		1 U	1 U	1 U	1 U	1 U	1 U
cis-1,2-Dichloroethene	5		1 U	1 U	1 U	1 U	1 U	1 U
cis-1,3-Dichloropropene	0.4		1 U	1 U	1 U	1 U	1 U	1 U
Dibromochloromethane	50		1 U	1 U	1 U	1 U	1 U	1 U
Ethylbenzene	5		1 U	1 U	1 U	1 U	1 U	1 U
Methyl chloride	5		1 U	1 U	1 U	1 U	1 U	1 U
Methyl ethyl ketone	50		10 U	10 U	10 U	10 U	10 U	10 U
Methylene chloride	5		1 U	1 U	1 U	1 U	1 U	1 U
Styrene	5		1 U	1 U	1 U	1 U	1 U	1 U
Tetrachloroethene	5		1 U	1 U	1 U	1 U	1 U	1 U
Toluene	5		1 U	1 U	1 U	1 U	1 U	1 U
trans-1,2-Dichloroethene	5		1 U	1 U	1 U	1 U	1 U	1 U
trans-1,3-Dichloropropene	0.4		1 U	1 U	1 U	1 U	1 U	1 U*
Trichloroethene	5		1 U	1 U	1 U	1 U	1 U	1 U
Vinyl chloride	2		1 U	1 U	1 U	1 U	1 U	1 U
Xylenes, Total	5		2 U	2 U	2 U	2 U	2 U	2 U

NOTES:
U - not detected, J - estimated, D - Diluted Result, H - Holding time exceeded, R - unusable, NS - no standard, Dup - duplicate sample,
--- Not analyzed, F - MS and/or MSD recovery/RPD exceeds the control limits
[ ] - Exceeds NYS Class GA Ground Water Qaulity Standard
Trip Blank associated with samples collected on 10/29/07 contained Acetone and Methylene Chloride.
Data have not been validated

Table 4
Groundwater Data - VOCs
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW Stds (ug/l)	Location ID / Depth Interval / Sample Date / Sample ID	MW-10D - 6/21/2016 MW10D 062116 ug/l	MW-10D - 9/20/2016 MW10D 092016 ug/l	MW-10D - 12/20/2016 MW10D 122016 ug/l	MW-10D - 4/12/2017 MW10D 041217 ug/l	MW-10D - 6/27/2017 MW10D 062717 ug/l	MW-10D - 9/12/2017 MW10D 091217 ug/l
1,1,1-Trichloroethane	5		1 U	1 U	1 U	1 U	1 U	1 U
1,1,2,2-Tetrachloroethane	5		1 U	1 U	1 U	1 U	1 U	1 U
1,1,2-Trichloroethane	1		1 U	1 U	1 U	1 U	1 U	1 U
1,1-Dichloroethane	5		1 U	1 U	1 U	1 U	1 U	1 U
1,1-Dichloroethene	5		1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichloroethane	0.6		1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichloroethene (Total)	5		---	---	---	---	---	---
1,2-Dichloropropane	1		1 U	1 U	1 U	1 U	1 U	1 U
2-Hexanone	50		5 U	5 U	5 U	5 U	5 U	5 U
4-Methyl-2-pentanone	NS		5 U	5 U	5 U	5 U	5 U	5 U
Acetone	50		10 U	10 U	10 U	10 U	10 U	10 U
Benzene	1		1 U	1 U	1 U	1 U	1 U	1 U
Bromodichloromethane	50		1 U	1 U	1 U	1 U	1 U	1 U
Bromoform	50		1 U	1 U	1 U	1 U	1 U	1 U
Bromomethane	5		1 U	1 U	1 U	1 U	1 U	1 U
Carbon disulfide	60		1 U	1 U	1 U	1 U	1 U	1 U
Carbon tetrachloride	5		1 U	1 U	1 U	1 U	1 U	1 U
Chlorobenzene	5		1 U	1 U	1 U	1 U	1 U	1 U
Chloroethane	5		1 U	1 U	1 U	1 U	1 U	1 U
Chloroform	7		1 U	1 U	1 U	1 U	1 U	1 U
cis-1,2-Dichloroethene	5		1 U	1 U	1 U	1 U	1 U	1 U
cis-1,3-Dichloropropene	0.4		1 U	1 U	1 U	1 U	1 U	1 U
Dibromochloromethane	50		1 U	1 U	1 U	1 U	1 U	1 U
Ethylbenzene	5		1 U	1 U	1 U	1 U	1 U	1 U
Methyl chloride	5		1 U	1 U	1 U	1 U	1 U	1 U
Methyl ethyl ketone	50		10 U	10 U	10 U	10 U	10 U	10 U
Methylene chloride	5		1 U	1 U	1 U	1 U	1 U	1 U
Styrene	5		1 U	1 U	1 U	1 U	1 U	1 U
Tetrachloroethene	5		1 U	1 U	1 U	1 U	1 U	1 U
Toluene	5		1 U	1 U	1 U	1 U	1 U	1 U
trans-1,2-Dichloroethene	5		1 U	1 U	1 U	1 U	1 U	1 U
trans-1,3-Dichloropropene	0.4		1 U	1 U	1 U	1 U	1 U	1 U
Trichloroethene	5		1 U	1 U	1 U	1 U	1 U	1 U
Vinyl chloride	2		1 U	1 U	1 U	1 U	1 U	1 U
Xylenes, Total	5		2 U	2 U	2 U	2 U	2 U	2 U

NOTES:
U - not detected, J - estimated, D - Diluted Result, H - Holding time exceeded, R - unusable, NS - no standard, Dup - duplicate sample,
--- Not analyzed, F - MS and/or MSD recovery/RPD exceeds the control limits
[ ] - Exceeds NYS Class GA Ground Water Qaulity Standard
Trip Blank associated with samples collected on 10/29/07 contained Acetone and Methylene Chloride.
Data have not been validated

RAMBOLL

Table 4
Groundwater Data - VOCs
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW Stds (ug/l)	Location ID / Depth Interval / Sample Date / Sample ID	MW-10D - 12/21/2017 MW10D 122117 ug/l	MW-10D - 3/15/2018 MW 10D 031518 ug/l	MW-10D - 6/20/2018 MW 10D 062018 ug/l	MW-10D - 9/19/2018 MW 10D 091918 ug/l	MW-10D - 11/28/2018 MW-10D-112818 ug/l	MW-10D - 3/20/219 MW-10D-031919 ug/l
1,1,1-Trichloroethane	5		1 U	1.0 U	1.0 U	1.0 U	1 U	1 U
1,1,2,2-Tetrachloroethane	5		1 U	1.0 U	1.0 U	1.0 U	1 U	1 U
1,1,2-Trichloroethane	1		1 U	1.0 U	1.0 U	1.0 U	1 U	1 U
1,1-Dichloroethane	5		1 U	1.0 U	1.0 U	1.0 U	1 U	1 U
1,1-Dichloroethene	5		1 U	1.0 U	1.0 U	1.0 U	1 U	1 U
1,2-Dichloroethane	0.6		1 U	1.0 U	1.0 U	1.0 U	1 U	1 U
1,2-Dichloroethene (Total)	5		---	---	---	---	---	---
1,2-Dichloropropane	1		1 U	1.0 U	1.0 U	1.0 U	1 U	1 U
2-Hexanone	50		5 U	5.0 U	5.0 U	5.0 U	5 U *	5 U
4-Methyl-2-pentanone	NS		5 U	5.0 U	5.0 U	5.0 U*	5 U	5 U
Acetone	50		10 U	3.0 J	10 U	10 U	10 U	10 U
Benzene	1		1 U	1.0 U	1.0 U	1.0 U	1 U	1 U
Bromodichloromethane	50		1 U	1.0 U	1.0 U	1.0 U	1 U	1 U
Bromoform	50		1 U	1.0 U	1.0 U	1.0 U	1 U	1 U
Bromomethane	5		1 U	1.0 U	1.0 U	1.0 U	1 U	1 U
Carbon disulfide	60		1 U	1.0 U	1.0 U	1.0 U	1 U	1 U
Carbon tetrachloride	5		1 U	1.0 U	1.0 U	1.0 U	1 U	1 U
Chlorobenzene	5		1 U	1.0 U	1.0 U	1.0 U	1 U	1 U
Chloroethane	5		1 U	1.0 U	1.0 U	1.0 U	1 U	1 U
Chloroform	7		1 U	1.0 U	1.0 U	1.0 U	1 U	1 U
cis-1,2-Dichloroethene	5		1 U	1.0 U	1.0 U	1.0 U	1 U	1 U
cis-1,3-Dichloropropene	0.4		1 U	1.0 U	1.0 U	1.0 U	1 U *	1 U
Dibromochloromethane	50		1 U	1.0 U	1.0 U	1.0 U	1 U	1 U
Ethylbenzene	5		1 U	1.0 U	1.0 U	1.0 U	1 U	1 U
Methyl chloride	5		1 U	1.0 U	1.0 U	1.0 U	1 U	1 U
Methyl ethyl ketone	50		10 U	10 U	10 U	10 U	10 U	10 U
Methylene chloride	5		1 U	1.0 U	1.0 U	1.0 U	1 U	1 U
Styrene	5		1 U	1.0 U	1.0 U	1.0 U	1 U	1 U
Tetrachloroethene	5		1 U	1.0 U	1.0 U	1.0 U	1 U	1 U
Toluene	5		1 U	1.0 U	1.0 U	1.0 U	1 U	1 U
trans-1,2-Dichloroethene	5		1 U	1.0 U	1.0 U	1.0 UF1	1 U	1 U
trans-1,3-Dichloropropene	0.4		1 U	1.0 U	1.0 U	1.0 UF1	1 U *	1 U
Trichloroethene	5		1 U	1.0 U	1.0 U	1.0 U	1 U	1 U
Vinyl chloride	2		1 U	1.0 U	1.0 U	1.0 U	1 U	1 U
Xylenes, Total	5		2 U	2.0 U	2.0 U	2.0 U	2 U	2 U

NOTES:
U - not detected, J - estimated, D - Diluted Result, H - Holding time exceeded, R - unusable, NS - no standard, Dup - duplicate sample,
--- Not analyzed, F - MS and/or MSD recovery/RPD exceeds the control limits
[ ] - Exceeds NYS Class GA Ground Water Qaulity Standard
Trip Blank associated with samples collected on 10/29/07 contained Acetone and Methylene Chloride.
Data have not been validated

Table 4
Groundwater Data - VOCs
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW Stds (ug/l)	Location ID / Depth Interval / Sample Date / Sample ID	MW-10D - 6/20/2019 MW-10D-062019 ug/l	MW-10D - 9/25/2019 MW-10D-092519 ug/l	MW-10D - 12/19/2019 MW-10D-121919 ug/l	MW-10D - 3/17/2020 MW 10D 031720 ug/l	MW-10D - 3/17/2020 X-1 031720 ug/l	MW-10D -- 6/17/2020 MW10D061720 µg/L
1,1,1-Trichloroethane	5		1 U	1 U	1 U	1 U	1 U	1 U
1,1,2,2-Tetrachloroethane	5		1 U	1 U	1 U	1 U	1 U	1 U
1,1,2-Trichloroethane	1		1 U	1 U	1 U	1 U	1 U	1 U
1,1-Dichloroethane	5		1 U	1 U	1 U	1 U	1 U	1 U
1,1-Dichloroethene	5		1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichloroethane	0.6		1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichloroethene (Total)	5		---	---	---	---	---	---
1,2-Dichloropropane	1		1 U	1 U	1 U	1 U	1 U	1 U
2-Hexanone	50		5 U	5 U	5 U	5 U	5 U	5 U
4-Methyl-2-pentanone	NS		5 U	5 U	5 U	5 U	5 U	5 U
Acetone	50		10 U	10 U	10 U	10 U	10 U	10 U
Benzene	1		1 U	1 U	1 U	1 U	1 U	1 U
Bromodichloromethane	50		1 U	1 U	1 U	1 U	1 U	1 U
Bromoform	50		1 U	1 U	1 U	1 U	1 U	1 U
Bromomethane	5		1 U	1 U	1 U	1 U	1 U	1 U
Carbon disulfide	60		1 U	1 U	1 U	1 U	1 U	1 U
Carbon tetrachloride	5		1 U	1 U	1 U	1 U	1 U	1 U
Chlorobenzene	5		1 U	1 U	1 U	1 U	1 U	1 U
Chloroethane	5		1 U	1 U	1 U	1 U	1 U	1 U
Chloroform	7		1 U	1 U	1 U	1 U	1 U	1 U
cis-1,2-Dichloroethene	5		1 U	1 U	1 U	1 U	1 U	1 U
cis-1,3-Dichloropropene	0.4		1 U	1 U	1 U	1 U	1 U	1 U
Dibromochloromethane	50		1 U	1 U	1 U	1 U	1 U	1 U
Ethylbenzene	5		1 U	1 U	1 U	1 U	1 U	1 U
Methyl chloride	5		1 U	0.38 J	1 U	1 U	1 U	1 U
Methyl ethyl ketone	50		10 U	10 U	10 U	10 U	10 U	10 U
Methylene chloride	5		1 U	1 U	1 U	1 U	1 U	1 U
Styrene	5		1 U	1 U	1 U	1 U	1 U	1 U
Tetrachloroethene	5		1 U*	1 U	1 U	1 U	1 U	1 U
Toluene	5		1 U	0.56 J	1 U	1 U	1 U	1 U
trans-1,2-Dichloroethene	5		1 U	1 U	1 U	1 U	1 U	1 U
trans-1,3-Dichloropropene	0.4		1 U	1 U	1 U	1 U	1 U	1 U
Trichloroethene	5		1 U	1 U	1 U	1 U	1 U	1 U
Vinyl chloride	2		1 U	1 U	1 U	1 U	1 U	1 U
Xylenes, Total	5		2 U	2 U	2 U	2 U	2 U	2 U

NOTES:
U - not detected, J - estimated, D - Diluted Result, H - Holding time exceeded, R - unusable, NS - no standard, Dup - duplicate sample,
--- Not analyzed, F - MS and/or MSD recovery/RPD exceeds the control limits
[ ] - Exceeds NYS Class GA Ground Water Qaulity Standard
Trip Blank associated with samples collected on 10/29/07 contained Acetone and Methylene Chloride.
Data have not been validated

RAMBOLL

Table 4
Groundwater Data - VOCs
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW Stds (ug/l)	Location ID Depth Interval Sample Date Sample ID	MW-10D -- 9/22/2020 MW10D092220 µg/L	MW-10D -- 12/15/2020 MW10D 121520 µg/L	MW-10D -- 12/15/2020 X-1 121520 µg/L	MW-10D 3/24/2021 MW10D032421 µg/L	MW-10D -- 6/15/2021 MW10D061521 µg/L	MW-10D - 9/23/2021 MW10D 092321 µg/L
1,1,1-Trichloroethane	5		1 U	1 U	1 U	1U	1 U	1 U
1,1,2,2-Tetrachloroethane	5		1 U	1 U	1 U	1U F1	1 U	1 U
1,1,2-Trichloroethane	1		1 U	1 U	1 U	1U	1 U	1 U
1,1-Dichloroethane	5		1 U F1	1 U	1 U	1U	1 U	1 U
1,1-Dichloroethene	5		1 U	1 U	1 U	1U	1 U	1 U
1,2-Dichloroethane	0.6		1 U	1 U	1 U	1U	1 U	1 U
1,2-Dichloroethene (Total)	5		---	---	---	---	---	---
1,2-Dichloropropane	1		1 U	1 U	1 U	1U	1 U	1 U
2-Hexanone	50		5 U F1	5 U	5 U	5U F1	5 U	5 U
4-Methyl-2-pentanone	NS		5 U F1	5 U	5 U	5U	5 U	5 U
Acetone	50		10 U	10 U	10 U	10U	10 U	10 U
Benzene	1		1 U	1 U	1 U	1U	1 U	1 U
Bromodichloromethane	50		1 U	1 U	1 U	1U	1 U	1 U
Bromoform	50		1 U	1 U	1 U	1U	1 U	1 U
Bromomethane	5		1 U	1 U	1 U	1U F2	1 U	1 U
Carbon disulfide	60		1 U	1 U	1 U	1U	1 U	1 U
Carbon tetrachloride	5		1 U	1 U	1 U	1U	1 U	1 U
Chlorobenzene	5		1 U	1 U	1 U	1U F1	1 U	1 U
Chloroethane	5		1 U	1 U	1 U	1U	1 U	1 U
Chloroform	7		1 U	1 U	1 U	1U	1 U	1 U
cis-1,2-Dichloroethene	5		1 U	1 U	1 U	1U	1 U	1 U
cis-1,3-Dichloropropene	0.4		1 U	1 U	1 U	1U	1 U	1 U
Dibromochloromethane	50		1 U	1 U	1 U	1U	1 U	1 U
Ethylbenzene	5		1 U	1 U	1 U	1U	1 U	1 U
Methyl chloride	5		1 U F1	1 U	1 U	1U	1 U	1 U
Methyl ethyl ketone	50		10 U	10 U	10 U	10U	10 U	10 U
Methylene chloride	5		1 U	1 U	1 U	1U	1 U	1 U
Styrene	5		1 U	1 U	1 U	1U	1 U	1 U
Tetrachloroethene	5		1 U	1 U	1 U	1U	1 U	1 U
Toluene	5		1 U	1 U	1 U	1U	1 U	1 U
trans-1,2-Dichloroethene	5		1 U	1 U	1 U	1U	1 U	1 U
trans-1,3-Dichloropropene	0.4		1 U	1 U	1 U	1U	1 U	1 U
Trichloroethene	5		1 U	1 U	1 U	1U	1 U	1 U
Vinyl chloride	2		1 U	1 U	1 U	1U	1 U	1 U
Xylenes, Total	5		2 U	2 U	2 U	2U	2 U	2 U

NOTES:
U - not detected, J - estimated, D - Diluted Result, H - Holding time exceeded, R - unusable, NS - no standard, Dup - duplicate sample,
--- Not analyzed, F - MS and/or MSD recovery/RPD exceeds the control limits
[ ] - Exceeds NYS Class GA Ground Water Qaulity Standard
Trip Blank associated with samples collected on 10/29/07 contained Acetone and Methylene Chloride.
Data have not been validated

RAMBOLL

Table 4
Groundwater Data - VOCs
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW Stds (ug/l)	Location ID Depth Interval Sample Date Sample ID	MW-10D - 12/22/2021 MW10D 122221 µg/L	MW-10D - 3/24/2022 MW10D 032422 µg/L	MW-10D - 6/22/2022 MW-10D 062222 ug/l	MW-10D - 9/29/2022 MW10D 092922 ug/l	MW-10D - 12/21/2022 MW10D122122 ug/l
1,1,1-Trichloroethane	5		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1,2,2-Tetrachloroethane	5		1.0 U	1.0 U	1.0 U	1.0 U *+	1.0 U
1,1,2-Trichloroethane	1		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1-Dichloroethane	5		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1-Dichloroethene	5		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichloroethane	0.6		1.0 U	1.0 U	1.0 U	1.0 U *+	1.0 U
1,2-Dichloroethene (Total)	5		---	---	---	---	---
1,2-Dichloropropane	1		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
2-Hexanone	50		5.0 U	5.0 U	5.0 U	5.0 U	5.0 U *+
4-Methyl-2-pentanone	NS		5.0 U	5.0 U	5.0 U	5.0 U	5.0 U *+
Acetone	50		10 U	10 U	10 U	10 U	10 U
Benzene	1		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromodichloromethane	50		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromoform	50		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromomethane	5		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Carbon disulfide	60		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Carbon tetrachloride	5		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chlorobenzene	5		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chloroethane	5		1.0 U	1.0 U *1	1.0 U	1.0 U	1.0 U
Chloroform	7		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
cis-1,2-Dichloroethene	5		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
cis-1,3-Dichloropropene	0.4		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Dibromochloromethane	50		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Ethylbenzene	5		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Methyl chloride	5		1.0 U F1	1.0 U	1.0 U	1.0 U	1.0 U
Methyl ethyl ketone	50		10 U	10 U	10 U	10 U	10 U
Methylene chloride	5		1.0 U	1.0 U	1.0 U	1.0 U *+	1.0 U
Styrene	5		1.0 U	1.0 U	1.0 U	1.0 U *+	1.0 U
Tetrachloroethene	5		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Toluene	5		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
trans-1,2-Dichloroethene	5		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
trans-1,3-Dichloropropene	0.4		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Trichloroethene	5		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Vinyl chloride	2		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Xylenes, Total	5		2.0 U	2.0 U	2.0 U	2.0 U	2.0 U

NOTES:
U - not detected, J - estimated, D - Diluted Result, H - Holding time exceeded, R - unusable, NS - no standard, Dup - duplicate sample,
--- Not analyzed, F - MS and/or MSD recovery/RPD exceeds the control limits
[ ] - Exceeds NYS Class GA Ground Water Qaulity Standard
Trip Blank associated with samples collected on 10/29/07 contained Acetone and Methylene Chloride.
Data have not been validated

Table 5
Groundwater Data - Geochemical
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW Stds (mg/l)	Location ID Depth Interval Sample Date Sample ID units	MW-01S - 2/14/2000 MW-01S_WG_021400 mg/l	MW-01S - 8/13/2001 MW-01S_WG_081301 mg/l	MW-01S - 11/26/2001 MW-01S_WG_112601 mg/l	MW-01S - 2/25/2002 MW-01S_WG_022502 mg/l
Alkalinity (As Caco3)	NS	mg/L	250	300	270	260
Chloride	250	mg/L	[560]	[920]	[670]	[660]
Nitrate (as N)	10	mg/L	0.24	0.05 U	0.27	0.08
Nitrite (as N)	1	mg/l	0.05 U	0.05 U	0.05 U	0.05 U
Nitrite-Nitrate Nitrogen	NS	mg/L	0.24	0.05 U	0.27	0.08
Sulfate	250	mg/l	7.5 U	[270]	[290]	220
Total Sulfides	NS	mg/l	0.2 U	0.2 U	0.2 U	0.2 U
Total Organic Carbon, Filter	NS	mg/L	5	6	3	1
pH	NS	STD u	7.3	---	---	---

NOTES:
U - not detected, J - estimated, D - Diluted Result, B - analyte detected in the method blank
R - unusable, NS - no standard, Dup - duplicate sample, --- Not Analyzed
H - Sample analyzed beyond the specified holding time
[ ] - Exceeds NYS Class GA Ground Water Quality Standard
Data have note been validated

Table 5
Groundwater Data - Geochemical
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW Stds (mg/l)	Location ID Depth Interval Sample Date Sample ID units	MW-01S - 5/13/2002 MW-01S_WG_051302 mg/l	MW-01S - 11/16/2004 MW-01S_WG_111604 mg/l	MW-01S - 11/15/2005 MW-1S_11152005 mg/l	MW-01S - 11/14/2006 MW-1S_11142006 mg/l
Alkalinity (As Caco3)	NS	mg/L	340	270	260	300
Chloride	250	mg/L	[510]	[1000]	[940]	[970]
Nitrate (as N)	10	mg/L	0.05 U	0.05 U	0.05 U	0.1 U
Nitrite (as N)	1	mg/l	0.05 U	0.0046 J	0.05 U	0.1 U
Nitrite-Nitrate Nitrogen	NS	mg/L	0.05 U	0.05 U	---	---
Sulfate	250	mg/l	[280]	[360]	[320]	[280]
Total Sulfides	NS	mg/l	0.2 U	0.40 J	0.40 J	0.8 U
Total Organic Carbon, Filter	NS	mg/L	2	3.6	9.2	5.1
pH	NS	STD u	---	---	---	---

NOTES:
U - not detected, J - estimated, D - Diluted Result, B - analyte detected in the method blank
R - unusable, NS - no standard, Dup - duplicate sample, --- Not Analyzed
H - Sample analyzed beyond the specified holding time
[ ] - Exceeds NYS Class GA Ground Water Quality Standard
Data have note been validated

RAMBOLL

Table 5
Groundwater Data - Geochemical
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW Stds (mg/l)	Location ID Depth Interval Sample Date Sample ID units	MW-01S - 10/29/2007 MW-1S-102907 mg/l	MW-01S - 11/18/2008 MW-1S-111808 mg/l	MW-01S - 10/19/2009 MW-1S-10192009 mg/l	MW-01S - 05/18/2010 W-1S-0518100518201 mg/l
Alkalinity (As Caco3)	NS	mg/L	240	260	356 D,B	279 B
Chloride	250	mg/L	[1700]	[1300]	[841] D,B	[1570]
Nitrate (as N)	10	mg/L	0.1	0.2 U	0.05 U	0.21
Nitrite (as N)	1	mg/l	0.1	0.2 U	0.05 U	0.05 U
Nitrite-Nitrate Nitrogen	NS	mg/L	---	---	---	
Sulfate	250	mg/l	[280]	240	217 D	228
Total Sulfides	NS	mg/l	1	1 U	0	0.01
Total Organic Carbon, Filter	NS	mg/L	3	15	2.3	3.7
pH	NS	STD u	---	---	---	

NOTES:
U - not detected, J - estimated, D - Diluted Result, B - analyte detected in the method blank
R - unusable, NS - no standard, Dup - duplicate sample, --- Not Analyzed
H - Sample analyzed beyond the specified holding time
[ ] - Exceeds NYS Class GA Ground Water Quality Standard
Data have note been validated

RAMBOLL

Table 5
Groundwater Data - Geochemical
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW Stds (mg/l)	Location ID Depth Interval Sample Date Sample ID units	MW-01S - 1/19/2011 MW-1S_01192011 mg/l	MW-01S - 4/18/2011 MW-1S-041811 mg/l	MW-01S - 7/26/2011 MW-1S072611 mg/l	MW-01S - 10/25/2011 MW1S102511 mg/l
Alkalinity (As Caco3)	NS	mg/L	268	200 B	322 B	288
Chloride	250	mg/L	[1190]	[1860] B	[1130]	[786]
Nitrate (as N)	10	mg/L	0.15	0.35	0.05 U	0.055
Nitrite (as N)	1	mg/l	0.05 U	0.05 U	0.05 U	0.05 U
Nitrite-Nitrate Nitrogen	NS	mg/L	---	---		---
Sulfate	250	mg/l	241 B	190	226	227
Total Sulfides	NS	mg/l	0.1 U	0.1 U	0.1 UH	0.1 U
Total Organic Carbon, Filter	NS	mg/L	1 U	2.2	3.9	5.3
pH	NS	STD u	---	---	---	---

NOTES:
U - not detected, J - estimated, D - Diluted Result, B - analyte detected in the method blank
R - unusable, NS - no standard, Dup - duplicate sample, --- Not Analyzed
H - Sample analyzed beyond the specified holding time
[ ] - Exceeds NYS Class GA Ground Water Quality Standard
Data have note been validated

Table 5
Groundwater Data - Geochemical
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW Stds (mg/l)	Location ID Depth Interval Sample Date Sample ID units	MW-01S - 3/20/2012 MW1S032012 mg/l	MW-01S - 8/7/2012 MW1S080712 mg/l	MW-1S - 12/18/2012 MW-1S-121812 mg/l	MW-1S - 5/21/2013 MW-1S-052113 mg/l
Alkalinity (As Caco3)	NS	mg/L	---	292	218	241
Chloride	250	mg/L	[1370] B	[1040]	[604 B]	[1270 B]
Nitrate (as N)	10	mg/L	0.22	0.1	3.3	2.6
Nitrite (as N)	1	mg/l	0.05 U	0.05 U	0.1 H	0.09
Nitrite-Nitrate Nitrogen	NS	mg/L	---	---	---	
Sulfate	250	mg/l	---	224	351	349
Total Sulfides	NS	mg/l	0.1 U	0.1 U	0.1 U	0.1 U
Total Organic Carbon, Filter	NS	mg/L	1 U	1.4	2.8	5.2
pH	NS	STD u	---	---	---	---

NOTES:
U - not detected, J - estimated, D - Diluted Result, B - analyte detected in the method blank
R - unusable, NS - no standard, Dup - duplicate sample, --- Not Analyzed
H - Sample analyzed beyond the specified holding time
[ ] - Exceeds NYS Class GA Ground Water Quality Standard
Data have note been validated

RAMBOLL

Table 5
Groundwater Data - Geochemical
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW Stds (mg/l)	Location ID Depth Interval Sample Date Sample ID units	MW-1S - 8/19/2013 MW-1S-081913 mg/l	MW-1S - 12/18/2013 MW-15-121813 mg/l	MW-1S - 3/25/2014 MW-1S-032514 mg/l	MW-1S - 6/9/2014 MW-1S-060914 mg/L
Alkalinity (As Caco3)	NS	mg/L	305 B	300	203	282
Chloride	250	mg/L	[753 B]	[557]	[2030]	[1260]
Nitrate (as N)	10	mg/L	0.6	0.34	0.37	0.41
Nitrite (as N)	1	mg/l	0.059	0.037 J	0.022 JB	0.05 U
Nitrite-Nitrate Nitrogen	NS	mg/L	---	---	---	---
Sulfate	250	mg/l	[369]	[311]	[292]	[278]
Total Sulfides	NS	mg/l	0.1 U	0.1 U	0.1 U	0.1 U
Total Organic Carbon, Filter	NS	mg/L	3	3.5	3	3.1
pH	NS	STD u	---	---	---	---

NOTES:
U - not detected, J - estimated, D - Diluted Result, B - analyte detected in the method blank
R - unusable, NS - no standard, Dup - duplicate sample, --- Not Analyzed
H - Sample analyzed beyond the specified holding time
[ ] - Exceeds NYS Class GA Ground Water Quality Standard
Data have note been validated

Table 5
Groundwater Data - Geochemical
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW Stds (mg/l)	Location ID Depth Interval Sample Date Sample ID units	MW-1S 9/23/2014 MW1S092314 mg/l	MW-1S 4/11/2017 MW1S041117 mg/l	X-1 4/11/2017 MW1S041117 mg/l	MW-1S 9/12/2017 MW1S091217 mg/l
Alkalinity (As Caco3)	NS	mg/L	363 B	265	282	349 B
Chloride	250	mg/L	[880]	[1150]	[1180]	[788]
Nitrate (as N)	10	mg/L	0.67	0.12	0.13	0.05 U
Nitrite (as N)	1	mg/l	0.033 JB	0.05	0.05	0.05 U
Nitrite-Nitrate Nitrogen	NS	mg/L	---	---	---	---
Sulfate	250	mg/l	[275] B	217	217	217
Total Sulfides	NS	mg/l	0.1 U	0.05 J	0.06 J	0.1 U
Total Organic Carbon, Filter	NS	mg/L	4.3	2.2	2.3	4.5 B
pH	NS	STD u	---	---	---	---

NOTES:
U - not detected, J - estimated, D - Diluted Result, B - analyte detected in the method blank
R - unusable, NS - no standard, Dup - duplicate sample, --- Not Analyzed
H - Sample analyzed beyond the specified holding time
[ ] - Exceeds NYS Class GA Ground Water Quality Standard
Data have note been validated

Table 5
Groundwater Data - Geochemical
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW Stds (mg/l)	Location ID Depth Interval Sample Date Sample ID units	MW-1S 9/18/2018 MW1S091818 mg/l	MW-1S 3/18/2019 MW1S031819 mg/l	MW-1S 9/24/2019 MW1S092419 mg/l	MW-01S 3/17/2020 MW 1S 031720 mg/l
Alkalinity (As Caco3)	NS	mg/L	300 B	207 B	344	285 B
Chloride	250	mg/L	[1640]	[2240]	[895]	[1850]
Nitrate (as N)	10	mg/L	0.041 J	0.17 H	0.022 J	0.081 H
Nitrite (as N)	1	mg/l	0.050 U	0.050 UH	0.050 U	0.039 JHB
Nitrite-Nitrate Nitrogen	NS	mg/L	---	---	---	---
Sulfate	250	mg/l	[409]	243	174	233
Total Sulfides	NS	mg/l	0.10 UH	0.10 UH*	1.0 U	1000 U
Total Organic Carbon, Filter	NS	mg/L	4.2 B	2.7 B	4.5	2.6
pH	NS	STD u	---	---	---	---

NOTES:
U - not detected, J - estimated, D - Diluted Result, B - analyte detected in the method blank
R - unusable, NS - no standard, Dup - duplicate sample, --- Not Analyzed
H - Sample analyzed beyond the specified holding time
[ ] - Exceeds NYS Class GA Ground Water Quality Standard
Data have note been validated

Table 5
Groundwater Data - Geochemical
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW Stds (mg/l)	Location ID Depth Interval Sample Date Sample ID units	MW-01S 9/22/2020 MW 1S 092220 mg/l	MW-01S 3/23/2021 MW-1S_032321 mg/l	MW-01S 3/23/2021 X-1_032321 mg/l	MW-01S 9/21/2021 MW1S 092121 mg/l
Alkalinity (As Caco3)	NS	mg/L	360	226	214	337
Chloride	250	mg/L	[1240]	[2200]	[2240]	[1160]
Nitrate (as N)	10	mg/L	0.05 U H	0.17	0.17	0.021 J H
Nitrite (as N)	1	mg/l	0.05 U H	0.050 U	0.050 U	< 0.050 U H
Nitrite-Nitrate Nitrogen	NS	mg/L	---	---	---	---
Sulfate	250	mg/l	[269]	[272]	[281]	244
Total Sulfides	NS	mg/l	1.0 U	1.0 U	1.0 U	< 1.0 U
Total Organic Carbon, Filter	NS	mg/L	4.5	3.2	3.1	5.2
pH	NS	STD u	---	---	---	---

NOTES:
U - not detected, J - estimated, D - Diluted Result, B - analyte detected in the method blank
R - unusable, NS - no standard, Dup - duplicate sample, --- Not Analyzed
H - Sample analyzed beyond the specified holding time
[ ] - Exceeds NYS Class GA Ground Water Quality Standard
Data have note been validated

Table 5
Groundwater Data - Geochemical
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW Stds (mg/l)	Location ID Depth Interval Sample Date Sample ID units	MW-01S 3/21/2022 MW1S 032122 mg/l	MW-01S 9/27/2022 MW1S 092722 mg/l
Alkalinity (As Caco3)	NS	mg/L	351	461
Chloride	250	mg/L	[1190]	[1330]
Nitrate (as N)	10	mg/L	0.050 U H	< 0.050 U
Nitrite (as N)	1	mg/l	0.050 U H	< 0.050 U
Nitrite-Nitrate Nitrogen	NS	mg/L	---	---
Sulfate	250	mg/l	244	[253]
Total Sulfides	NS	mg/l	1.0 U	1.0 U
Total Organic Carbon, Filter	NS	mg/L	5.0	8.5
pH	NS	STD u	---	---

NOTES:
U - not detected, J - estimated, D - Diluted Result, B - analyte detected in the method blank
R - unusable, NS - no standard, Dup - duplicate sample, --- Not Analyzed
H - Sample analyzed beyond the specified holding time
[ ] - Exceeds NYS Class GA Ground Water Quality Standard
Data have note been validated

RAMBOLL

Table 5
Groundwater Data - Geochemical
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW Stds (mg/l)	Location ID / Depth Interval / Sample Date / Sample ID	MW-01D - 2/14/2000 MW-01D_WG_021400	MW-01D - 8/13/2001 MW-01D_WG_081301	MW-01D - 11/26/2001 MW-01D_WG_112601	MW-01D - 2/25/2002 MW-01D_WG_022502
		units	mg/l	mg/l	mg/l	mg/l
Alkalinity (As Caco3)	NS	mg/L	330	310	340	330
Chloride	250	mg/L	[270]	220	[260]	240
Nitrate (as N)	10	mg/L	0.05 U	0.05 U	0.05 U	0.05 U
Nitrite (as N)	1	mg/l	0.05 U	0.05 U	0.05 U	0.05 U
Nitrite-Nitrate Nitrogen	NS	mg/L	0.05 U	0.05 U	0.05 U	0.05 U
Sulfate	250	mg/l	7.5 U	170	[260]	230
Total Sulfides	NS	mg/l	0.2 U	0.2 U	0.2 U	0.2 U
Total Organic Carbon, Filter	NS	mg/L	1 U	1	4	1 U
pH	NS	STD u	7.4	---	---	---

NOTES:
U - not detected, J - estimated, D - Diluted Result, B - analyte was detected in the method blank
R - unusable, NS - no standard, Dup - duplicate sample, --- Not Analyzed
H - Sample analyzed beyond the specified holding time
[ ] - Exceeds NYS Class GA Ground Water Quality Standard
Data have note been validated

Table 5
Groundwater Data - Geochemical
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW Stds (mg/l)	Location ID Depth Interval Sample Date Sample ID units	MW-01D - 5/13/2002 MW-01D_WG_051302 mg/l	MW-01D - 11/16/2004 MW-01D_WG_111604 mg/l	MW-01D - 11/15/2005 MW-1D_11152005 mg/l	MW-01D - 11/14/2006 MW-1D_11142006 mg/l
Alkalinity (As Caco3)	NS	mg/L	340	320	320	340
Chloride	250	mg/L	[250]	220	[260]	[350]
Nitrate (as N)	10	mg/L	0.05 U	0.05 U	0.05 U	0.1 U
Nitrite (as N)	1	mg/l	0.05 U	0.05 U	0.05 U	0.1 U
Nitrite-Nitrate Nitrogen	NS	mg/L	0.05 U	0.05 U	---	---
Sulfate	250	mg/l	190	[260]	240	240
Total Sulfides	NS	mg/l	0.2	0.60 J	0.8 U	0.8 U
Total Organic Carbon, Filter	NS	mg/L	1 U	3.6	8.8	8.4
pH	NS	STD u	---	---	---	---

NOTES:
U - not detected, J - estimated, D - Diluted Result, B - analyte was detected in the method blank
R - unusable, NS - no standard, Dup - duplicate sample, --- Not Analyzed
H - Sample analyzed beyond the specified holding time
[ ] - Exceeds NYS Class GA Ground Water Quality Standard
Data have note been validated

RAMBOLL

Table 5
Groundwater Data - Geochemical
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW Stds (mg/l)	Location ID Depth Interval Sample Date Sample ID units	MW-01D - 10/29/2007 MW-1D-102907 mg/l	MW-01D - 11/18/2008 MW-1D-111808 mg/l	MW-01D - 10/19/2009 MW-1D-10192009 mg/l	MW-01D - 5/18/2010 W-1D-0518100518201 mg/l
Alkalinity (As Caco3)	NS	mg/L	330	310	394 D,B	366 B
Chloride	250	mg/L	240	[250]	[371] D,B	[398]
Nitrate (as N)	10	mg/L	0.1	0.1 U	0.05 U	0.05 U
Nitrite (as N)	1	mg/l	0.1	0.1 U	0.05 U	0.05 U
Nitrite-Nitrate Nitrogen	NS	mg/L	---	---	---	---
Sulfate	250	mg/l	230	210	211 D	193
Total Sulfides	NS	mg/l	1	1 U	0	0.002 U
Total Organic Carbon, Filter	NS	mg/L	3.8	3.7	2	4.1
pH	NS	STD u	---	---	---	

NOTES:
U - not detected, J - estimated, D - Diluted Result, B - analyte was detected in the method blank
R - unusable, NS - no standard, Dup - duplicate sample, --- Not Analyzed
H - Sample analyzed beyond the specified holding time
[ ] - Exceeds NYS Class GA Ground Water Quality Standard
Data have note been validated

RAMBOLL

Table 5
Groundwater Data - Geochemical
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW Stds (mg/l)	Location ID Depth Interval Sample Date Sample ID units	MW-01D - 1/19/2011 MW-1D-01192011 mg/l	MW-01D - 4/18/2011 MW-1D-041811 mg/l	MW-01D - 7/26/2011 MW-1D072611 mg/l	MW-01D - 10/25/2011 MW1D102511 mg/l
Alkalinity (As Caco3)	NS	mg/L	348	251 B	374 B	336
Chloride	250	mg/L	[357]	[284]	[366]	[270]
Nitrate (as N)	10	mg/L	0.05 U	0.05 U	0.05 U	0.05 U
Nitrite (as N)	1	mg/l	0.05 U	0.05 U	0.05 U	0.05 U
Nitrite-Nitrate Nitrogen	NS	mg/L	---	---	---	---
Sulfate	250	mg/l	196 B	199	[258]	232
Total Sulfides	NS	mg/l	0.1 U	0.12	0.1 UH	0.13
Total Organic Carbon, Filter	NS	mg/L	1 U	3	3.7	3.4
pH	NS	STD u	---	---	---	---

NOTES:
U - not detected, J - estimated, D - Diluted Result, B - analyte was detected in the method blank
R - unusable, NS - no standard, Dup - duplicate sample, --- Not Analyzed
H - Sample analyzed beyond the specified holding time
[ ] - Exceeds NYS Class GA Ground Water Quality Standard
Data have note been validated

RAMBOLL

Table 5
Groundwater Data - Geochemical
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW Stds (mg/l)	Location ID Depth Interval Sample Date Sample ID units	MW-01D - 3/20/2012 MW1D032012 mg/l	MW-1D - 8/7/2012 MW1D080712 mg/l	X-1 - 8/7/2012 MW1D080712 mg/l	MW-1D - 12/18/2012 MW-1D-121812 mg/l
Alkalinity (As Caco3)	NS	mg/L	---	356	341	337
Chloride	250	mg/L	[374] B	[265]	[265]	[298] B
Nitrate (as N)	10	mg/L	0.05 U	0.05 U	0.05 U	0.05 U
Nitrite (as N)	1	mg/l	0.05 U	0.05 U	0.05 U	0.05 U
Nitrite-Nitrate Nitrogen	NS	mg/L	---	---	---	---
Sulfate	250	mg/l	---	192	199	209
Total Sulfides	NS	mg/l	0.1 U	0.16	0.13	0.13
Total Organic Carbon, Filter	NS	mg/L	0.89	1.5	1.3	2.8
pH	NS	STD u	---	---	---	---

NOTES:
U - not detected, J - estimated, D - Diluted Result, B - analyte was detected in the method blank
R - unusable, NS - no standard, Dup - duplicate sample, --- Not Analyzed
H - Sample analyzed beyond the specified holding time
[ ] - Exceeds NYS Class GA Ground Water Quality Standard
Data have note been validated

RAMBOLL

Table 5
Groundwater Data - Geochemical
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW Stds (mg/l)	Location ID Depth Interval Sample Date Sample ID units	MW-1D - 5/21/2013 MW-1D-052113 mg/l	MW-1D - 8/19/2013 MW-1D-081913 mg/l	MW-1D - 12/19/2013 MW-1D-121913 mg/l	MW-1D - 3/25/2014 MW-1D-032514 mg/l
Alkalinity (As Caco3)	NS	mg/L	424	387 B	365	377
Chloride	250	mg/L	[379 B]	[344 B]	288 B	[265]
Nitrate (as N)	10	mg/L	0.05 U	0.05 U	0.05 U	0.05 U
Nitrite (as N)	1	mg/l	0.05 U	0.05 U	0.05 U	0.05 U
Nitrite-Nitrate Nitrogen	NS	mg/L	---	---	---	---
Sulfate	250	mg/l	228	228	199	202
Total Sulfides	NS	mg/l	0.1 U	0.058 J	0.1	0.15
Total Organic Carbon, Filter	NS	mg/L	5.2	3.5	3.8	5.4
pH	NS	STD u	---	---	---	---

NOTES:
U - not detected, J - estimated, D - Diluted Result, B - analyte was detected in the method blank
R - unusable, NS - no standard, Dup - duplicate sample, --- Not Analyzed
H - Sample analyzed beyond the specified holding time
[ ] - Exceeds NYS Class GA Ground Water Quality Standard
Data have note been validated

Table 5
Groundwater Data - Geochemical
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW Stds (mg/l)	Location ID Depth Interval Sample Date Sample ID units	MW-1D 9/23/2014 MW1D092314 mg/l	MW-1D 4/11/2017 MW1D041117 mg/l	MW-1D 9/12/2017 MW1D091217 mg/l	X-1 9/12/2017 MW1D091217 mg/l
Alkalinity (As Caco3)	NS	mg/L	417 B	299	311 B	320 B
Chloride	250	mg/L	[236]	[252]	[302]	184
Nitrate (as N)	10	mg/L	0.02 J	0.05	0.05 U	0.05 U
Nitrite (as N)	1	mg/l	0.05 U	0.05	0.05 U	0.05 U
Nitrite-Nitrate Nitrogen	NS	mg/L		---	---	---
Sulfate	250	mg/l	207	132	185	[269]
Total Sulfides	NS	mg/l	0.24	0.63 F1	0.28	0.53 H
Total Organic Carbon, Filter	NS	mg/L	3.3	2.4	3.4 B	4.2 B
pH	NS	STD u	---	---	---	---

NOTES:
U - not detected, J - estimated, D - Diluted Result, B - analyte was detected in the method blank
R - unusable, NS - no standard, Dup - duplicate sample, --- Not Analyzed
H - Sample analyzed beyond the specified holding time
[ ] - Exceeds NYS Class GA Ground Water Quality Standard
Data have note been validated

Table 5
Groundwater Data - Geochemical
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW Stds (mg/l)	Location ID Depth Interval Sample Date Sample ID units	MW-1D 9/19/2018 MW1D091918 mg/l	MW-1D 3/18/2019 MW1D031819 mg/l	MW-1D - 9/25/2019 MW1D 09252019 mg/L	MW-01D 3/17/2020 MW 1D 031720 mg/L
Alkalinity (As Caco3)	NS	mg/L	298 B	294 B	341	368 B
Chloride	250	mg/L	[253]	298	[426]	[429]
Nitrate (as N)	10	mg/L	0.050 U	0.05 UH	0.020 J	0.050 UH
Nitrite (as N)	1	mg/l	0.050 U	0.05 UH	0.050 U	0.050 UH
Nitrite-Nitrate Nitrogen	NS	mg/L	---	---	---	---
Sulfate	250	mg/l	172	173	203	199
Total Sulfides	NS	mg/l	0.060 JH	0.06 JH	1.0 U	1.0 U
Total Organic Carbon, Filter	NS	mg/L	2.7 B	2.8 B	3.6	3.8
pH	NS	STD u	---	---	---	---

NOTES:
U - not detected, J - estimated, D - Diluted Result, B - analyte was detected in the method blank
R - unusable, NS - no standard, Dup - duplicate sample, --- Not Analyzed
H - Sample analyzed beyond the specified holding time
[ ] - Exceeds NYS Class GA Ground Water Quality Standard
Data have note been validated

Table 5
Groundwater Data - Geochemical
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW Stds (mg/l)	Location ID Depth Interval Sample Date Sample ID units	MW-01D 9/22/2020 MW 1D 092220 mg/L	MW-01D 3/22/2021 MW-1D_032221 mg/l	MW-01D 9/21/2021 MW1D 092121 mg/l	MW-01D 3/21/2022 MW1D 032122 mg/l	MW-01D 9/27/2022 MW1D 092722 mg/L
Alkalinity (As Caco3)	NS	mg/L	360	321	323	371	369
Chloride	250	mg/L	[250]	[561]	[367]	[493]	[347]
Nitrate (as N)	10	mg/L	0.050 UH	0.050 U	< 0.050 U	0.050 U H	0.050 U
Nitrite (as N)	1	mg/l	0.050 UH	0.050 U	< 0.050 U H	0.050 U H	0.050 U
Nitrite-Nitrate Nitrogen	NS	mg/L	---	---	--	---	---
Sulfate	250	mg/l	168	207	182	205	188
Total Sulfides	NS	mg/l	1.0 U	1.0 U	< 1.0 U	1.0 U	1.0 U
Total Organic Carbon, Filter	NS	mg/L	4.2	3.9	3.8	4.8	12.5
pH	NS	STD u	---	---	--	---	---

NOTES:
U - not detected, J - estimated, D - Diluted Result, B - analyte was detected in the method blank
R - unusable, NS - no standard, Dup - duplicate sample, --- Not Analyzed
H - Sample analyzed beyond the specified holding time
[ ] - Exceeds NYS Class GA Ground Water Quality Standard
Data have note been validated

Table 5
Groundwater Data - Geochemical
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW Stds (mg/l)	Location ID Depth Interval Sample Date Sample ID units	MW-04S - 2/17/2000 MW-04S_WG_021700 mg/l	MW-04S - 8/15/2001 MW-04S_WG_081501 mg/l	MW-04S - 11/29/2001 MW-04S_WG_112901 mg/l	MW-04S - 2/28/2002 MW-04S_WG_022802 mg/l
Alkalinity (As Caco3)	NS	mg/L	350	330	370	360
Chloride	250	mg/L	150	130	230	200
Nitrate (as N)	10	mg/L	0.05 U	0.05 U	0.15	0.05 U
Nitrite (as N)	1	mg/l	0.05 U	0.05 U	0.05 U	0.05 U
Nitrite-Nitrate Nitrogen	NS	mg/L	0.05 U	0.05 U	0.15	0.05 U
Sulfate	250	mg/l	7.5 U	[300]	[790]	[740]
Total Sulfides	NS	mg/l	0.2 U	0.2 U	0.2 U	0.2 U
Total Organic Carbon, Filter	NS	mg/L	5	2	4	1 U
pH	NS	STD u	7.9	---	---	---

NOTES:
U - not detected, J - estimated, D - Diluted Result, B - analyte was detected in the method blank
R - unusable, NS - no standard, Dup - duplicate sample, --- Not Analyzed
H - Sample analyzed beyond the specified holding time
[ ] - Exceeds NYS Class GA Ground Water Quality Standard
Data have note been validated

Table 5
Groundwater Data - Geochemical
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW Stds (mg/l)	Location ID Depth Interval Sample Date Sample ID units	MW-04S - 5/14/2002 MW-04S_WG_051402 mg/l	MW-04S - 11/17/2004 MW-04S_WG_111704 mg/l	MW-04S - 11/16/2005 MW-4S_11162005 mg/l	MW-04S - 11/16/2006 MW-4S_11162006 mg/l
Alkalinity (As Caco3)	NS	mg/L	370	350	350	370
Chloride	250	mg/L	200	190	160	140
Nitrate (as N)	10	mg/L	0.05 U	0.061	0.05 U	0.1 U
Nitrite (as N)	1	mg/l	0.05 U	0.018 J	0.05 U	0.1 U
Nitrite-Nitrate Nitrogen	NS	mg/L	0.05 U	0.079	---	---
Sulfate	250	mg/l	[700]	[370]	[500] E	[640]
Total Sulfides	NS	mg/l	0.2 U	0.40 J	0.60 J	1.2
Total Organic Carbon, Filter	NS	mg/L	3	17	12	30
pH	NS	STD u	---	---	---	---

NOTES:
U - not detected, J - estimated, D - Diluted Result, B - analyte was detected in the method blank
R - unusable, NS - no standard, Dup - duplicate sample, --- Not Analyzed
H - Sample analyzed beyond the specified holding time
[ ] - Exceeds NYS Class GA Ground Water Quality Standard
Data have note been validated

RAMBOLL

Table 5
Groundwater Data - Geochemical
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW Stds (mg/l)	Location ID Depth Interval Sample Date Sample ID units	MW-04S - 10/31/2007 MW 4-S-103107 mg/l	MW-04S - 11/18/2008 MW 4-S-111808 mg/l	MW-04S - 10/21/2009 MW-4S-10212009 mg/l	MW-04S - 05/19/2010 W-4S-0519100519201 mg/l
Alkalinity (As Caco3)	NS	mg/L	370	370	402 D,B	428 B
Chloride	250	mg/L	110	77	121 D	76.3
Nitrate (as N)	10	mg/L	0.1	0.18 J	0.05 U	0.026 J
Nitrite (as N)	1	mg/l	0.1	0.2 U	0.05 U	0.05 U
Nitrite-Nitrate Nitrogen	NS	mg/L	---	---	---	---
Sulfate	250	mg/l	[780]	[1300]	[547] D	[589] B
Total Sulfides	NS	mg/l	2.3	1 U	0	0.002 U
Total Organic Carbon, Filter	NS	mg/L	3.7	43	3.9	1 U
pH	NS	STD u	---	---	---	---

NOTES:
U - not detected, J - estimated, D - Diluted Result, B - analyte was detected in the method blank
R - unusable, NS - no standard, Dup - duplicate sample, --- Not Analyzed
H - Sample analyzed beyond the specified holding time
[ ] - Exceeds NYS Class GA Ground Water Quality Standard
Data have note been validated

RAMBOLL

Table 5
Groundwater Data - Geochemical
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW Stds (mg/l)	Location ID Depth Interval Sample Date Sample ID units	MW-04S - 01/20/2011 MW-4S-01202011 mg/l	MW-04S - 4/21/2011 MW-4S-042111 mg/l	MW-04S - 7/28/2011 MW-4S 072811 mg/l	MW-04S - 10/27/2011 MW4S102711 mg/l
Alkalinity (As Caco3)	NS	mg/L	422	399	396 B	386
Chloride	250	mg/L	78.5	27	71.6	127
Nitrate (as N)	10	mg/L	0.05 U	0.11	0.049 J	0.05 U
Nitrite (as N)	1	mg/l	0.05 U	0.05 U	0.05 U	0.05 U
Nitrite-Nitrate Nitrogen	NS	mg/L	---	---	---	---
Sulfate	250	mg/l	[777] B	[1300]	[1090]	[626]
Total Sulfides	NS	mg/l	0.1 U	0.1 U	0.1 U	0.1 U
Total Organic Carbon, Filter	NS	mg/L	2.5	5	1 U	1.5
pH	NS	STD u	---	---	---	---

NOTES:
U - not detected, J - estimated, D - Diluted Result, B - analyte was detected in the method blank
R - unusable, NS - no standard, Dup - duplicate sample, --- Not Analyzed
H - Sample analyzed beyond the specified holding time
[ ] - Exceeds NYS Class GA Ground Water Quality Standard
Data have note been validated

RAMBOLL

Table 5
Groundwater Data - Geochemical
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW Stds (mg/l)	Location ID Depth Interval Sample Date Sample ID units	MW-04S - 3/22/2012 MW4S032212 mg/l	MW-4S - 8/9/2012 MW4S080912 mg/l	MW-4S - 12/20/2012 MW-4S-122012 mg/l	MW-4S - 5/22/2013 MW-4S-052213 mg/l
Alkalinity (As Caco3)	NS	mg/L	---	425	395 B	440
Chloride	250	mg/L	53.9	93.5	67.6 B	82 B
Nitrate (as N)	10	mg/L	0.083	0.05 U	0.1	0.048 J
Nitrite (as N)	1	mg/l	0.05 U	0.05 U	0.05 U	0.05 U
Nitrite-Nitrate Nitrogen	NS	mg/L	---	---	---	---
Sulfate	250	mg/l	---	[773]	856	[788]
Total Sulfides	NS	mg/l	0.1 U	0.1 U	0.1 U	0.1 U
Total Organic Carbon, Filter	NS	mg/L	3.1	1.8	2.1	11.6
pH	NS	STD u	---	---	---	---

NOTES:
U - not detected, J - estimated, D - Diluted Result, B - analyte was detected in the method blank
R - unusable, NS - no standard, Dup - duplicate sample, --- Not Analyzed
H - Sample analyzed beyond the specified holding time
[ ] - Exceeds NYS Class GA Ground Water Quality Standard
Data have note been validated

RAMBOLL

Table 5
Groundwater Data - Geochemical
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW Stds (mg/l)	Location ID Depth Interval Sample Date Sample ID units	MW-4S - 8/22/2013 MW-4S-082213 mg/l	MW-4S - 12/19/2013 MW-4S-082213 mg/l	MW-4S - 3/27/2014 MW-4S-032714 mg/l	MW-4S - 6/11/2014 MW-4S-061114 mg/l
Alkalinity (As Caco3)	NS	mg/L	390	380	401 B	421 B
Chloride	250	mg/L	98.7	66.9 B	65.4	70.7
Nitrate (as N)	10	mg/L	0.05 U	0.038 J	0.037 J	0.02 J
Nitrite (as N)	1	mg/l	0.05 U	0.05 U	0.05 U	0.043 JB
Nitrite-Nitrate Nitrogen	NS	mg/L	---	---	---	---
Sulfate	250	mg/l	[473]	[598]	[427]	[840]
Total Sulfides	NS	mg/l	0.07 J	0.1 U	0.092 J	0.072 J
Total Organic Carbon, Filter	NS	mg/L	3.7	3.2	5.2	3.4
pH	NS	STD u	---	---	---	---

NOTES:
U - not detected, J - estimated, D - Diluted Result, B - analyte was detected in the method blank
R - unusable, NS - no standard, Dup - duplicate sample, --- Not Analyzed
H - Sample analyzed beyond the specified holding time
[ ] - Exceeds NYS Class GA Ground Water Quality Standard
Data have note been validated

RAMBOLL

Table 5
Groundwater Data - Geochemical
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW Stds (mg/l)	Location ID Depth Interval Sample Date Sample ID units	MW-4S - 9/23/2014 MW-4S-092414 mg/l	MW-4S - 4/13/2017 MW-4S-041317 mg/l	MW-4S - 9/14/2017 MW-4S-091417 mg/l	MW-4S - 9/14/2017 MW-4S-091417 mg/l
Alkalinity (As Caco3)	NS	mg/L	---	411 B	442 B	394 B
Chloride	250	mg/L	---	42.1	92.2	59.8
Nitrate (as N)	10	mg/L	---	0.06	0.034 J	0.05 U
Nitrite (as N)	1	mg/l	---	0.05	0.05 U	0.05 U
Nitrite-Nitrate Nitrogen	NS	mg/L	---	---	---	---
Sulfate	250	mg/l	---	[504]	[459]	[862]
Total Sulfides	NS	mg/l	---	0.14	0.14	0.1 UH*
Total Organic Carbon, Filter	NS	mg/L	---	2.4	7.1 B	3.1
pH	NS	STD u	---	---	---	---

NOTES:
U - not detected, J - estimated, D - Diluted Result, B - analyte was detected in the method blank
R - unusable, NS - no standard, Dup - duplicate sample, --- Not Analyzed
H - Sample analyzed beyond the specified holding time
[ ] - Exceeds NYS Class GA Ground Water Quality Standard
Data have note been validated

RAMBOLL

Table 5
Groundwater Data - Geochemical
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW Stds (mg/l)	Location ID Depth Interval Sample Date Sample ID units	MW-4S - 3/20/2019 MW-4S-032019 mg/l	MW-4S - 9/25/2019 MW-4S-092519 mg/L	MW-04S - 3/19/2020 MW 4S 031920 mg/L	MW-04S - 9/22/2020 MW 4S 092220 mg/L
Alkalinity (As Caco3)	NS	mg/L	394 B	494	469 B	Not Sampled
Chloride	250	mg/L	59.8	80.0	14.6	
Nitrate (as N)	10	mg/L	0.05 U	0.089	0.23	
Nitrite (as N)	1	mg/l	0.05 U	0.051 B	0.022 J	
Nitrite-Nitrate Nitrogen	NS	mg/L	---	---	---	
Sulfate	250	mg/l	[862]	[875]	[1490]	
Total Sulfides	NS	mg/l	0.1 UH*	1.0 U	1.0 U	
Total Organic Carbon, Filter	NS	mg/L	3.1	3.9	3.4	
pH	NS	STD u	---	---	---	

NOTES:
U - not detected, J - estimated, D - Diluted Result, B - analyte was detected in the method blank
R - unusable, NS - no standard, Dup - duplicate sample, --- Not Analyzed
H - Sample analyzed beyond the specified holding time
[ ] - Exceeds NYS Class GA Ground Water Quality Standard
Data have note been validated

RAMBOLL

Table 5
Groundwater Data - Geochemical
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW Stds (mg/l)	Location ID Depth Interval Sample Date Sample ID units	MW-04S 3/25/2021 MW4S032521 mg/l	MW-04S 9/23/2021 MW4S 092321 mg/l	MW-04S 3/22/2022 MW4S 032222 mg/l	MW-04S 9/29/2022 MW 4S 092922 mg/L
Alkalinity (As Caco3)	NS	mg/L	404	279	402	Not Sampled
Chloride	250	mg/L	68	5.9	69.9	
Nitrate (as N)	10	mg/L	0.083	0.20	0.050 U	
Nitrite (as N)	1	mg/l	0.050 U	0.026 J	0.063	
Nitrite-Nitrate Nitrogen	NS	mg/L	---	---	---	
Sulfate	250	mg/l	[616]	155	[487]	
Total Sulfides	NS	mg/l	1.0 U	0.80 J	< 1.0 U	
Total Organic Carbon, Filter	NS	mg/L	5.0	17.5	4.7	
pH	NS	STD u	---	---	---	

NOTES:
U - not detected, J - estimated, D - Diluted Result, B - analyte was detected in the method blank
R - unusable, NS - no standard, Dup - duplicate sample, --- Not Analyzed
H - Sample analyzed beyond the specified holding time
[ ] - Exceeds NYS Class GA Ground Water Quality Standard
Data have note been validated

RAMBOLL

Table 5
Groundwater Data - Geochemical
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW Stds (mg/l)	Location ID / Depth Interval / Sample Date / Sample ID / units	MW-04D - 2/17/2000 MW-04D_WG_021700 mg/l	MW-04D - 8/15/2001 MW-04D_WG_081501 mg/l	MW-04D - 11/29/2001 MW-04D_WG_112901 mg/l	MW-04D - 2/28/2002 MW-04D_WG_022802 mg/l
Alkalinity (As Caco3)	NS	mg/L	300	290	290	270
Chloride	250	mg/L	110	210	240	180
Nitrate (as N)	10	mg/L	0.05 U	0.05 U	0.05 U	0.05 U
Nitrite (as N)	1	mg/l	0.05 U	0.05 U	0.05 U	0.05 U
Nitrite-Nitrate Nitrogen	NS	mg/L	0.05 U	0.05 U	0.05 U	0.05 U
Sulfate	250	mg/l	7.5 U	180	220	220
Total Sulfides	NS	mg/l	0.2 U	0.4	0.2 U	0.2 U
Total Organic Carbon, Filter	NS	mg/L	6	7	5	6
pH	NS	STD u	7.4	---	---	---

NOTES:
U - not detected, J - estimated, D - Diluted Result, B - analyte was detected in the method blank
R - unusable, NS - no standard, Dup - duplicate sample, --- Not Analyzed
H - Sample analyzed beyond the specified holding time
[ ] - Exceeds NYS Class GA Ground Water Quality Standard
Data have note been validated

RAMBOLL

Table 5
Groundwater Data - Geochemical
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW Stds (mg/l)	Location ID Depth Interval Sample Date Sample ID units	MW-04D - 5/14/2002 MW-04D_WG_051402 mg/l	MW-04D - 11/17/2004 MW-04D_WG_111704 mg/l	MW-04D - 11/16/2005 MW-4D_11162005 mg/l	MW-04D - 11/15/2006 MW-4D_11152006 mg/l
Alkalinity (As Caco3)	NS	mg/L	280	310	320	330
Chloride	250	mg/L	140	[250]	230	210
Nitrate (as N)	10	mg/L	0.05 U	0.05 U	0.05 U	0.1 U
Nitrite (as N)	1	mg/l	0.05 U	0.010 J	0.05 U	0.1 U
Nitrite-Nitrate Nitrogen	NS	mg/L	0.05 U	0.05 U	---	---
Sulfate	250	mg/l	170	[360]	[370] E	[260]
Total Sulfides	NS	mg/l	0.2	0.8	1	0.8 U
Total Organic Carbon, Filter	NS	mg/L	2	3.2	3.7	30
pH	NS	STD u	---	---	---	---

NOTES:
U - not detected, J - estimated, D - Diluted Result, B - analyte was detected in the method blank
R - unusable, NS - no standard, Dup - duplicate sample, --- Not Analyzed
H - Sample analyzed beyond the specified holding time
[ ] - Exceeds NYS Class GA Ground Water Quality Standard
Data have note been validated

RAMBOLL

Table 5
Groundwater Data - Geochemical
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW Stds (mg/l)	Location ID Depth Interval Sample Date Sample ID units	MW-04D - 10/31/2007 MW 4-D-103107 mg/l	MW-04D - 11/19/2008 MW 4-D-111908 mg/l	MW-04D - 10/21/2009 MW-4D-10212009 mg/l	MW-04D - 05/19/2010 W-4D-0519100519201 mg/l
Alkalinity (As Caco3)	NS	mg/L	320	320	338 D,B	355 B
Chloride	250	mg/L	220	210	209 D	224
Nitrate (as N)	10	mg/L	0.1	0.1 U	0.05 U	0.05 U
Nitrite (as N)	1	mg/l	0.1	0.1 U	0.05 U	0.05 U
Nitrite-Nitrate Nitrogen	NS	mg/L	---	---	---	---
Sulfate	250	mg/l	[290]	240	[275] D	[258] B
Total Sulfides	NS	mg/l	1	1 U	0.3	0.223
Total Organic Carbon, Filter	NS	mg/L	4.6	3.5	4.4	3.2
pH	NS	STD u	---	---	---	

NOTES:
U - not detected, J - estimated, D - Diluted Result, B - analyte was detected in the method blank
R - unusable, NS - no standard, Dup - duplicate sample, --- Not Analyzed
H - Sample analyzed beyond the specified holding time
[ ] - Exceeds NYS Class GA Ground Water Quality Standard
Data have note been validated

RAMBOLL

Table 5
Groundwater Data - Geochemical
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW Stds (mg/l)	Location ID Depth Interval Sample Date Sample ID units	MW-04D - 01/20/2011 MW-4D-01202011 mg/l	MW-04D - 4/21/2011 MW-4D-042111 mg/l	MW-04D - 7/28/2011 MW-4D 072811 mg/l	MW-04D - 3/22/2012 MW4D032212 mg/l
Alkalinity (As Caco3)	NS	mg/L	364	327	339 B	---
Chloride	250	mg/L	201	215	208	193 B
Nitrate (as N)	10	mg/L	0.05 U	0.05 U	0.05 U	0.05 U
Nitrite (as N)	1	mg/l	0.05 U	0.05 U	0.05 U	0.05 U
Nitrite-Nitrate Nitrogen	NS	mg/L	---	---	---	---
Sulfate	250	mg/l	216 B	[370]	[334]	---
Total Sulfides	NS	mg/l	0.093 J	0.1 U	0.44	0.056 J
Total Organic Carbon, Filter	NS	mg/L	2.7	3.9	1 U	4
pH	NS	STD u	---	---	---	---

NOTES:
U - not detected, J - estimated, D - Diluted Result, B - analyte was detected in the method blank
R - unusable, NS - no standard, Dup - duplicate sample, --- Not Analyzed
H - Sample analyzed beyond the specified holding time
[ ] - Exceeds NYS Class GA Ground Water Quality Standard
Data have note been validated

Table 5
Groundwater Data - Geochemical
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW Stds (mg/l)	Location ID Depth Interval Sample Date Sample ID units	MW-04D - 10/26/2011 MW4D102611 mg/l	MW-4D - 8/9/2012 MW4D080912 mg/l	MW-4D - 12/20/2012 MW-4D-122012 mg/l	MW-4D - 5/22/2013 MW-4D-052213 mg/l
Alkalinity (As Caco3)	NS	mg/L	310	362	401 B	360
Chloride	250	mg/L	222	229	197 B	218 B
Nitrate (as N)	10	mg/L	0.05 U	0.05 U	0.05 U	0.05 U
Nitrite (as N)	1	mg/l	0.05 U	0.05 U	0.05 U	0.05 U
Nitrite-Nitrate Nitrogen	NS	mg/L	---	---	---	---
Sulfate	250	mg/l	[335]	[297]	[271]	[323]
Total Sulfides	NS	mg/l	0.49	0.84	0.57	0.67
Total Organic Carbon, Filter	NS	mg/L	3.3	1.4	3.3	4.7
pH	NS	STD u	---	---	---	---

NOTES:
U - not detected, J - estimated, D - Diluted Result, B - analyte was detected in the method blank
R - unusable, NS - no standard, Dup - duplicate sample, --- Not Analyzed
H - Sample analyzed beyond the specified holding time
[ ] - Exceeds NYS Class GA Ground Water Quality Standard
Data have note been validated

RAMBOLL

Table 5
Groundwater Data - Geochemical
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW Stds (mg/l)	Location ID Depth Interval Sample Date Sample ID units	MW-4D - 8/21/2013 MW-4D-082113 mg/l	MW-4D - 12/19/2013 MW-4D-121913 mg/l	MW-4D - 3/27/2014 MW-4D-032714 mg/l	MW-4D - 6/10/2014 MW-4D-061014 mg/l
Alkalinity (As Caco3)	NS	mg/L	333	362	355 B	292
Chloride	250	mg/L	209	196 B	213	226
Nitrate (as N)	10	mg/L	0.05 U	0.05 U	0.05 U	0.05 U
Nitrite (as N)	1	mg/l	0.05 U	0.05 U	0.05 U	0.05 U
Nitrite-Nitrate Nitrogen	NS	mg/L	---	---	---	---
Sulfate	250	mg/l	[329]	[242]	[346]	[328]
Total Sulfides	NS	mg/l	0.66	0.31	0.92	0.96
Total Organic Carbon, Filter	NS	mg/L	3.6	3.5	3.8	3.6
pH	NS	STD u	---	---	---	---

NOTES:
U - not detected, J - estimated, D - Diluted Result, B - analyte was detected in the method blank
R - unusable, NS - no standard, Dup - duplicate sample, --- Not Analyzed
H - Sample analyzed beyond the specified holding time
[ ] - Exceeds NYS Class GA Ground Water Quality Standard
Data have note been validated

Table 5
Groundwater Data - Geochemical
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW Stds (mg/l)	Location ID Depth Interval Sample Date Sample ID units	MW-4D - 9/25/2014 MW 4D 092514 mg/l	MW-4D - 4/13/2017 MW 4D 041317 mg/l	MW-4D - 9/14/2017 MW 4D 091417 mg/l	MW-4D - 9/19/2018 MW 4D 091918 mg/l
Alkalinity (As Caco3)	NS	mg/L	72.5 B	319 B	327 B	311 B
Chloride	250	mg/L	[283]	[253]	245	[254]
Nitrate (as N)	10	mg/L	0.05 U	0.05	0.05 U	0.050 U
Nitrite (as N)	1	mg/l	0.05 U	0.05	0.05 U	0.050 U
Nitrite-Nitrate Nitrogen	NS	mg/L	---	---	---	---
Sulfate	250	mg/l	[297]	[337] B	[299]	[293]
Total Sulfides	NS	mg/l	0.48	1.4	0.66	0.080 JH
Total Organic Carbon, Filter	NS	mg/L	3.1	2.5	3.6 B	2.7 B
pH	NS	STD u	---	---	---	---

NOTES:
U - not detected, J - estimated, D - Diluted Result, B - analyte was detected in the method blank
R - unusable, NS - no standard, Dup - duplicate sample, --- Not Analyzed
H - Sample analyzed beyond the specified holding time
[ ] - Exceeds NYS Class GA Ground Water Quality Standard
Data have note been validated

Table 5
Groundwater Data - Geochemical
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW Stds (mg/l)	Location ID Depth Interval Sample Date Sample ID units	MW-4D - 3/20/2019 MW 4D 032019 mg/l	MW-4D - 9/25/2019 MW-4D-092519 mg/L	MW-04D - 3/19/2020 MW 4D 031920 mg/L	MW-04D - 9/23/2020 MW 4D 092320 mg/L
Alkalinity (As Caco3)	NS	mg/L	319 B	330	296 B	360 B
Chloride	250	mg/L	[251]	[267]	[286]	[287]
Nitrate (as N)	10	mg/L	0.05 U	0.022 J	0.032 J	0.05 U
Nitrite (as N)	1	mg/l	0.05 U	0.050 U	0.050 U	0.05 U
Nitrite-Nitrate Nitrogen	NS	mg/L	---	---	---	---
Sulfate	250	mg/l	[276]	[263]	[260]	[301]
Total Sulfides	NS	mg/l	0.38 HF1	1.0 U	0.8 J	0.8 J
Total Organic Carbon, Filter	NS	mg/L	2.8	5.3	3.6	3.4
pH	NS	STD u		---	---	---

NOTES:
U - not detected, J - estimated, D - Diluted Result, B - analyte was detected in the method blank
R - unusable, NS - no standard, Dup - duplicate sample, --- Not Analyzed
H - Sample analyzed beyond the specified holding time
[ ] - Exceeds NYS Class GA Ground Water Quality Standard
Data have note been validated

RAMBOLL

Table 5
Groundwater Data - Geochemical
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW Stds (mg/l)	Location ID Depth Interval Sample Date Sample ID units	MW-04D 3/24/2021 MW4D032421 mg/l	MW-04D 9/21/2021 MW4D 092121 mg/l	MW-04D 3/22/2022 MW4D 032222 mg/l	MW-04D 9/29/2022 MW4D 092922 mg/L
Alkalinity (As Caco3)	NS	mg/L	354	311	342 F1	318 B
Chloride	250	mg/L	[272]	[287]	[283]	[285]
Nitrate (as N)	10	mg/L	0.050 U	< 0.050 U	0.050 U	0.023 J
Nitrite (as N)	1	mg/l	0.050 U	< 0.050 U H	0.050 U	0.050 U
Nitrite-Nitrate Nitrogen	NS	mg/L	---	--	---	---
Sulfate	250	mg/l	[288]	[302]	[318]	[347]
Total Sulfides	NS	mg/l	1.0 UH	0.80 J	1.2	1.0 U
Total Organic Carbon, Filter	NS	mg/L	3.9	4.5	4.1	29.1 ^2
pH	NS	STD u	---	--	---	---

NOTES:
U - not detected, J - estimated, D - Diluted Result, B - analyte was detected in the method blank
R - unusable, NS - no standard, Dup - duplicate sample, --- Not Analyzed
H - Sample analyzed beyond the specified holding time
[ ] - Exceeds NYS Class GA Ground Water Quality Standard
Data have note been validated

RAMBOLL

Table 5
Groundwater Data - Geochemical
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW Stds (mg/l)	Location ID / Depth Interva / Sample Date / Sample ID / units	MW-05S - 2/17/2000 MW-05S_WG_021700 mg/l	MW-05S - 8/14/2001 MW-05S_WG_081401 mg/l	MW-05S - 11/29/2001 MW-05S_WG_112901 mg/l	MW-05S - 2/27/2002 MW-05S_WG_022702 mg/l
Alkalinity (As Caco3)	NS	mg/L	370	470	340	340
Chloride	250	mg/L	240	170	170	97
Nitrate (as N)	10	mg/L	0.05 U	0.05 U	0.05 U	0.05 U
Nitrite (as N)	1	mg/l	0.05 U	0.05 U	0.05 U	0.05 U
Nitrite-Nitrate Nitrogen	NS	mg/L	0.05 U	0.05 U	0.05 U	0.05 U
Sulfate	250	mg/l	7.5 U	[290]	[270]	[260]
Total Sulfides	NS	mg/l	0.2 U	0.2 U	0.2 U	0.2 U
Total Organic Carbon, Filter	NS	mg/L	6	2 UJ	9	2
pH	NS	STD u	7.1	---	---	---

NOTES:
U - not detected, J - estimated, D - Diluted Result, B - analyte was detected in the method blank
R - unusable, NS - no standard, Dup - duplicate sample, --- Not Analyzed
H - Sample analyzed beyond the specified holding time
[ ] - Exceeds NYS Class GA Ground Water Quality Standard
Data have note been validated

RAMBOLL

Table 5
Groundwater Data - Geochemical
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW Stds (mg/l)	Location ID / Depth Interva / Sample Date / Sample ID / units	MW-05S - 5/15/2002 MW-05S_WG_051502 mg/l	MW-05S - 11/17/2004 MW-05S_WG_111704 mg/l	MW-05S - 11/15/2005 MW-5S_11152005 mg/l	MW-05S - 11/14/2006 MW-5S_11142006 mg/l
Alkalinity (As Caco3)	NS	mg/L	330	400	330	320
Chloride	250	mg/L	75	120	63	35
Nitrate (as N)	10	mg/L	0.05 U	0.05 U	0.05 U	0.14
Nitrite (as N)	1	mg/l	0.05 U	0.011 J	0.05 U	0.1 U
Nitrite-Nitrate Nitrogen	NS	mg/L	0.05 U	0.017 J	---	---
Sulfate	250	mg/l	200	[370]	[350]	[730]
Total Sulfides	NS	mg/l	0.2 U	0.60 J	0.8 U	0.8 U
Total Organic Carbon, Filter	NS	mg/L	6	5.2	8.6	16
pH	NS	STD u	---	---	---	---

NOTES:
U - not detected, J - estimated, D - Diluted Result, B - analyte was detected in the method blank
R - unusable, NS - no standard, Dup - duplicate sample, --- Not Analyzed
H - Sample analyzed beyond the specified holding time
[ ] - Exceeds NYS Class GA Ground Water Quality Standard
Data have note been validated

RAMBOLL

Table 5
Groundwater Data - Geochemical
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW Stds (mg/l)	Location ID Depth Interva Sample Date Sample ID units	MW-05S - 10/30/2007 MW 5 S-103007 mg/l	MW-05S - 11/19/2008 MW-05S_WG_111908 mg/l	MW-05S - 10/21/2009 MW-5S-10212009 mg/l	MW-05S - 05/19/2010 W-5S-0519100519201 mg/l
Alkalinity (As Caco3)	NS	mg/L	380	---	391 D,B	364 B
Chloride	250	mg/L	75	73	71.2 D	38.7
Nitrate (as N)	10	mg/L	0.1	0.1 U	0.05 U	0.05 U
Nitrite (as N)	1	mg/l	0.1	0.1 U	0.05 U	0.05 U
Nitrite-Nitrate Nitrogen	NS	mg/L	---	---	---	---
Sulfate	250	mg/l	[560]	220	[375] D	194 B
Total Sulfides	NS	mg/l	1	1 U	0	0.006
Total Organic Carbon, Filter	NS	mg/L	6.6	5.1	4.8	0.4 J
pH	NS	STD u	---	---	---	---

NOTES:
U - not detected, J - estimated, D - Diluted Result, B - analyte was detected in the method blank
R - unusable, NS - no standard, Dup - duplicate sample, --- Not Analyzed
H - Sample analyzed beyond the specified holding time
[ ] - Exceeds NYS Class GA Ground Water Quality Standard
Data have note been validated

RAMBOLL

Table 5
Groundwater Data - Geochemical
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW Stds (mg/l)	Location ID Depth Interva Sample Date Sample ID units	MW-05S - 01/20/2011 MW-5S-01202011 mg/l	MW-05S - 4/20/2011 MW-5S-042011 mg/l	MW-05S - 7/28/2011 MW-5S 072811 mg/l	MW-05S - 10/27/2011 MW5S102711 mg/l
Alkalinity (As Caco3)	NS	mg/L	314	190	466 B	264
Chloride	250	mg/L	20.6	10.6	60.5	17
Nitrate (as N)	10	mg/L	0.082	0.037 J	0.05 U	0.041 J
Nitrite (as N)	1	mg/l	0.05 U	0.05 U	0.05 U	0.05 U
Nitrite-Nitrate Nitrogen	NS	mg/L	---	---	---	---
Sulfate	250	mg/l	[364] B	179	[416]	227 B
Total Sulfides	NS	mg/l	0.1 U	0.1 U	0.1 U	0.1 U
Total Organic Carbon, Filter	NS	mg/L	5	4.2	1 U	2.9
pH	NS	STD u	---	---	---	---

NOTES:
U - not detected, J - estimated, D - Diluted Result, B - analyte was detected in the method blank
R - unusable, NS - no standard, Dup - duplicate sample, --- Not Analyzed
H - Sample analyzed beyond the specified holding time
[ ] - Exceeds NYS Class GA Ground Water Quality Standard
Data have note been validated

RAMBOLL

Table 5
Groundwater Data - Geochemical
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW Stds (mg/l)	Location ID Depth Interva Sample Date Sample ID units	MW-05S - 3/22/2012 MW5S032212 mg/l	MW-5S - 8/9/2012 MW5S080912 mg/l	MW-5S - 12/19/2012 MW-5S-121912 mg/l	MW-5S - 5/22/2013 MW-5S-052213 mg/l
Alkalinity (As Caco3)	NS	mg/L	---	449	250 B	461
Chloride	250	mg/L	39.8 B	90.2	9	64.4 B
Nitrate (as N)	10	mg/L	0.05 U	0.067	0.076 H	0.05 U
Nitrite (as N)	1	mg/l	0.05 U	0.05 U	0.05 UH	0.05 U
Nitrite-Nitrate Nitrogen	NS	mg/L	---	---	---	---
Sulfate	250	mg/l	---	223	198	189
Total Sulfides	NS	mg/l	0.1 U	0.1 U	0.1 U	0.1 U
Total Organic Carbon, Filter	NS	mg/L	5.8	2.5	4.1	14.3
pH	NS	STD u	---	---	---	---

NOTES:
U - not detected, J - estimated, D - Diluted Result, B - analyte was detected in the method blank
R - unusable, NS - no standard, Dup - duplicate sample, --- Not Analyzed
H - Sample analyzed beyond the specified holding time
[ ] - Exceeds NYS Class GA Ground Water Quality Standard
Data have note been validated

RAMBOLL

Table 5
Groundwater Data - Geochemical
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW Stds (mg/l)	Location ID Depth Interva Sample Date Sample ID units	MW-5S - 8/21/2013 MW-5S-082113 mg/l	MW-5S - 12/19/2013 MW-5S-121913 mg/l	MW-5S - 3/27/2014 MW-5S-032714 mg/l	MW-5S - 6/10/2014 MW-5S-061014 mg/l
Alkalinity (As Caco3)	NS	mg/L	403	438	362 B	443
Chloride	250	mg/L	59.5	47.2 B	56.7	48.7
Nitrate (as N)	10	mg/L	0.05 U	0.032 J	0.05 U	0.05 U
Nitrite (as N)	1	mg/l	0.05 U	0.05	0.04 JB	0.05 U
Nitrite-Nitrate Nitrogen	NS	mg/L	---	---	---	---
Sulfate	250	mg/l	159	223	[259]	[352]
Total Sulfides	NS	mg/l	0.14	0.1 U	0.1 U	0.1 U
Total Organic Carbon, Filter	NS	mg/L	5.9	5.7	4.8	4.9
pH	NS	STD u	---	---	---	---

NOTES:
U - not detected, J - estimated, D - Diluted Result, B - analyte was detected in the method blank
R - unusable, NS - no standard, Dup - duplicate sample, --- Not Analyzed
H - Sample analyzed beyond the specified holding time
[ ] - Exceeds NYS Class GA Ground Water Quality Standard
Data have note been validated

RAMBOLL

Table 5
Groundwater Data - Geochemical
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW Stds (mg/l)	Location ID Depth Interva Sample Date Sample ID units	MW-5S - 9/25/2014 MW 5S 092514 mg/l	MW-5S - 4/12/017 MW 5S 041217 mg/l	MW-5S - 9/14/2017 MW 5S 091417 mg/l	MW-5S - 9/20/2018 MW 5S 092018 mg/l
Alkalinity (As Caco3)	NS	mg/L	40.2 B	228	442 B	214 B
Chloride	250	mg/L	95.2	8.3	12.2	11.8
Nitrate (as N)	10	mg/L	0.05 U	0.071	0.032 J	0.20
Nitrite (as N)	1	mg/l	0.05 U	0.05	0.05 U	0.050 U
Nitrite-Nitrate Nitrogen	NS	mg/L		---	---	---
Sulfate	250	mg/l	[358]	169	[326]	172 B
Total Sulfides	NS	mg/l	0.12	0.06 J	0.1	0.10 U
Total Organic Carbon, Filter	NS	mg/L	5.1	2.7	4.5 B	5.2 B
pH	NS	STD u	---	---	---	---

NOTES:
U - not detected, J - estimated, D - Diluted Result, B - analyte was detected in the method blank
R - unusable, NS - no standard, Dup - duplicate sample, --- Not Analyzed
H - Sample analyzed beyond the specified holding time
[ ] - Exceeds NYS Class GA Ground Water Quality Standard
Data have note been validated

RAMBOLL

Table 5
Groundwater Data - Geochemical
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW Stds (mg/l)	Location ID Depth Interva Sample Date Sample ID units	MW-5S - 3/20/2019 MW 5S 032019 mg/l	MW-05S - 9/25/0219 MW-5S-092519 mg/L	MW-05S - 3/19/2020 MW 5S 031920 mg/L	MW-05S - 9/24/2020 MW 5S 092420 mg/L
Alkalinity (As Caco3)	NS	mg/L	298 B	339	201 B	278
Chloride	250	mg/L	49.1	13.8	9.8	14.5
Nitrate (as N)	10	mg/L	0.05 U	0.028 J	0.1	0.13
Nitrite (as N)	1	mg/l	0.05 U	0.050 U	0.026 J	0.027 J F1
Nitrite-Nitrate Nitrogen	NS	mg/L	---	---	---	---
Sulfate	250	mg/l	208	183	104	132
Total Sulfides	NS	mg/l	0.1 UH*	1.2	1.0 U	0.8 J
Total Organic Carbon, Filter	NS	mg/L	2.7	6.3	3.3	18.8
pH	NS	STD u	---	---	---	---

NOTES:
U - not detected, J - estimated, D - Diluted Result, B - analyte was detected in the method blank
R - unusable, NS - no standard, Dup - duplicate sample, --- Not Analyzed
H - Sample analyzed beyond the specified holding time
[ ] - Exceeds NYS Class GA Ground Water Quality Standard
Data have note been validated

RAMBOLL

Table 5
Groundwater Data - Geochemical
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW Stds (mg/l)	Location ID Depth Interva Sample Date Sample ID units	MW-05S - 3/25/2021 MW5S032521 mg/l	MW-05S - 9/22/2021 MW5S 092221 mg/l	MW-05S - 3/22/2022 MW5S 032222 mg/l	MW-05S - 9/27/2022 MW5S 092722 mg/L
Alkalinity (As Caco3)	NS	mg/L	272	272	203	336
Chloride	250	mg/L	14.9	19.5	15.4	13.6
Nitrate (as N)	10	mg/L	0.15	0.20	0.050 U	0.050 U
Nitrite (as N)	1	mg/l	0.050 U	0.029 J	0.090	0.050 U
Nitrite-Nitrate Nitrogen	NS	mg/L	---	---	---	---
Sulfate	250	mg/l	[266]	164	196	171
Total Sulfides	NS	mg/l	1.0 U	< 1.0 U	< 1.0 U	1.0 U
Total Organic Carbon, Filter	NS	mg/L	5.4	8.9	3.6	9.1
pH	NS	STD u	---	---	---	---

NOTES:
U - not detected, J - estimated, D - Diluted Result, B - analyte was detected in the method blank
R - unusable, NS - no standard, Dup - duplicate sample, --- Not Analyzed
H - Sample analyzed beyond the specified holding time
[ ] - Exceeds NYS Class GA Ground Water Quality Standard
Data have note been validated

Table 5
Groundwater Data - Geochemical
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW Stds (mg/l)	Location ID / Depth Interva / Sample Date / Sample ID / units	MW-05D - 2/17/2000 MW-05D_WG_021700 mg/l	MW-05D - 8/14/2001 MW-05D_WG_081401 mg/l	MW-05D - 11/29/2001 MW-05D_WG_112901 mg/l	MW-05D - 2/27/2002 MW-05D_WG_022702 mg/l
Alkalinity (As Caco3)	NS	mg/L	260	300	250	240
Chloride	250	mg/L	[440]	230	230	140
Nitrate (as N)	10	mg/L	0.05 U	0.05 U	0.05 U	0.05 U
Nitrite (as N)	1	mg/l	0.05 U	0.05 U	0.05 U	0.05 U
Nitrite-Nitrate Nitrogen	NS	mg/L	0.05 U	0.05 U	0.05 U	0.05 U
Sulfate	250	mg/l	7.5 U	230	[260]	220
Total Sulfides	NS	mg/l	0.2 U	0.2	0.2 U	0.2 U
Total Organic Carbon, Filter	NS	mg/L	4	7	6	2
pH	NS	STD u	7.9	---	---	---

NOTES:
U - not detected, J - estimated, D - Diluted Result, B - analyte was detected in the method blank
R - unusable, NS - no standard, Dup - duplicate sample, --- Not Analyzed
H - Sample analyzed beyond the specified holding time
[ ] - Exceeds NYS Class GA Ground Water Quality Standard
Data have note been validated

RAMBOLL

Table 5
Groundwater Data - Geochemical
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW Stds (mg/l)	Location ID / Depth Interva / Sample Date / Sample ID / units	MW-05D - 5/15/2002 MW-05D_WG_051502 mg/l	MW-05D - 11/17/2004 MW-05D_WG_111704 mg/l	MW-05D - 11/15/2005 MW-5D_11152005 mg/l	MW-05D - 11/14/2006 MW-5D_11142006 mg/l
Alkalinity (As Caco3)	NS	mg/L	260	350	340	350
Chloride	250	mg/L	120	210	210	200
Nitrate (as N)	10	mg/L	0.05 U	0.05 U	0.05 U	0.1 U
Nitrite (as N)	1	mg/l	0.05 U	0.010 J	0.05 U	0.1 U
Nitrite-Nitrate Nitrogen	NS	mg/L	0.05 U	0.05 U	---	---
Sulfate	250	mg/l	180	[360]	[290]	[270]
Total Sulfides	NS	mg/l	0.2 U	0.60 J	0.8 U	0.8 U
Total Organic Carbon, Filter	NS	mg/L	2	3.5	4	4.3
pH	NS	STD u	---	---	---	---

NOTES:
U - not detected, J - estimated, D - Diluted Result, B - analyte was detected in the method blank
R - unusable, NS - no standard, Dup - duplicate sample, --- Not Analyzed
H - Sample analyzed beyond the specified holding time
[ ] - Exceeds NYS Class GA Ground Water Quality Standard
Data have note been validated

RAMBOLL

Table 5
Groundwater Data - Geochemical
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW Stds (mg/l)	Location ID Depth Interva Sample Date Sample ID units	MW-05D - 10/30/2007 MW 5 D-103007 mg/l	MW-05D - 11/19/2008 MW 5 D-111908 mg/l	MW-05D - 10/21/2009 MW-5D-10212009 mg/l	MW-05D - 5/19/2010 MW-5D-051910 mg/l
Alkalinity (As Caco3)	NS	mg/L	350	330	366 D,B	369 B
Chloride	250	mg/L	190	200	200 D,B	197
Nitrate (as N)	10	mg/L	0.1	0.1 U	0.05 U	0.05 U
Nitrite (as N)	1	mg/l	0.1	0.1 U	0.05 U	0.05 U
Nitrite-Nitrate Nitrogen	NS	mg/L	---	---	---	---
Sulfate	250	mg/l	[290]	[260]	[290] D	[262] B
Total Sulfides	NS	mg/l	1	1 U	0.2	0.006
Total Organic Carbon, Filter	NS	mg/L	4	4	4.3	0.4 J
pH	NS	STD u	---	---	---	---

NOTES:
U - not detected, J - estimated, D - Diluted Result, B - analyte was detected in the method blank
R - unusable, NS - no standard, Dup - duplicate sample, --- Not Analyzed
H - Sample analyzed beyond the specified holding time
[ ] - Exceeds NYS Class GA Ground Water Quality Standard
Data have note been validated

RAMBOLL

Table 5
Groundwater Data - Geochemical
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW Stds (mg/l)	Location ID Depth Interva Sample Date Sample ID units	MW-05D - 1/20/2011 MW-5D_01202011 mg/l	MW-05D - 4/20/2011 MW-5D-042011 mg/l	MW-05D - 7/28/2011 MW-5D 072811 mg/l	MW-05D - 10/27/2011 MW5D102711 mg/l
Alkalinity (As Caco3)	NS	mg/L	392	335	329 B	354
Chloride	250	mg/L	206	188	177	191
Nitrate (as N)	10	mg/L	0.05 U	0.05 U	0.05 U	0.05 U
Nitrite (as N)	1	mg/l	0.05 U	0.05 U	0.05 U	0.05 U
Nitrite-Nitrate Nitrogen	NS	mg/L	---	---	---	---
Sulfate	250	mg/l	[254] B	[263]	[278]	238
Total Sulfides	NS	mg/l	0.1 U	0.1 U	0.1 U	0.1 U
Total Organic Carbon, Filter	NS	mg/L	3.9	4	1 U	1.6
pH	NS	STD u	---	---	---	---

NOTES:
U - not detected, J - estimated, D - Diluted Result, B - analyte was detected in the method blank
R - unusable, NS - no standard, Dup - duplicate sample, --- Not Analyzed
H - Sample analyzed beyond the specified holding time
[ ] - Exceeds NYS Class GA Ground Water Quality Standard
Data have note been validated

Table 5
Groundwater Data - Geochemical
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW Stds (mg/l)	Location ID Depth Interva Sample Date Sample ID units	MW-05D - 3/22/2012 MW5D032212 mg/l	MW-5D - 8/9/2012 MW5D080912 mg/l	MW-5D - 12/19/2012 MW-5D-121912 mg/l	MW-05D - 5/22/2013 MW-5D_052213 mg/l
Alkalinity (As Caco3)	NS	mg/L	---	353	389 B	370
Chloride	250	mg/L	167 B	172	177	181 B
Nitrate (as N)	10	mg/L	0.05 U	0.05 U	0.05 U	0.05 U
Nitrite (as N)	1	mg/l	0.05 U	0.05 U	0.05 U	0.05 U
Nitrite-Nitrate Nitrogen	NS	mg/L	---	---	---	---
Sulfate	250	mg/l	---	194	241	249
Total Sulfides	NS	mg/l	0.1 U	0.1 U	0.1 U	0.1 U
Total Organic Carbon, Filter	NS	mg/L	3.8	1.5	3.7	4.4
pH	NS	STD u	---	---	---	---

NOTES:
U - not detected, J - estimated, D - Diluted Result, B - analyte was detected in the method blank
R - unusable, NS - no standard, Dup - duplicate sample, --- Not Analyzed
H - Sample analyzed beyond the specified holding time
[ ] - Exceeds NYS Class GA Ground Water Quality Standard
Data have note been validated

RAMBOLL

Table 5
Groundwater Data - Geochemical
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW Stds (mg/l)	Location ID Depth Interva Sample Date Sample ID units	MW-05D - 8/21/2013 MW-5D_082113 mg/l	MW-05D - 12/19/2013 MW-5D-121913 mg/l	MW-5D - 3/27/2014 MW-5D-032714 mg/l	MW-5D - 6/10/2014 MW-5D-061014 mg/l
Alkalinity (As Caco3)	NS	mg/L	353	326	362 B	322
Chloride	250	mg/L	180	180 B	182	180
Nitrate (as N)	10	mg/L	0.05 U	0.05 U	0.05 U	0.05 U
Nitrite (as N)	1	mg/l	0.05 U	0.05 U	0.05 U	0.05 U
Nitrite-Nitrate Nitrogen	NS	mg/L	---	---	---	---
Sulfate	250	mg/l	206	200	211	212
Total Sulfides	NS	mg/l	0.1 U	0.1 U	0.1 U	0.071 J
Total Organic Carbon, Filter	NS	mg/L	3.7	3.3	4.5	5.3
pH	NS	STD u	---	---	---	---

NOTES:
U - not detected, J - estimated, D - Diluted Result, B - analyte was detected in the method blank
R - unusable, NS - no standard, Dup - duplicate sample, --- Not Analyzed
H - Sample analyzed beyond the specified holding time
[ ] - Exceeds NYS Class GA Ground Water Quality Standard
Data have note been validated

RAMBOLL

Table 5
Groundwater Data - Geochemical
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW Stds (mg/l)	Location ID Depth Interva Sample Date Sample ID units	MW-5D - 9/25/2014 MW 5D 092514 mg/l	MW-5D - 4/12/017 MW 5D 041217 mg/l	MW-5D - 9/14/2017 MW 5D 091417 mg/l	MW-5D - 9/19/2018 MW 5D 091918 mg/l
Alkalinity (As Caco3)	NS	mg/L	24.4 B	322	327 B	316 B
Chloride	250	mg/L	183	217	193	191
Nitrate (as N)	10	mg/L	0.05 U	0.05	0.05 U	0.050 U
Nitrite (as N)	1	mg/l	0.05 U	0.05	0.05 U	0.050 U
Nitrite-Nitrate Nitrogen	NS	mg/L	---	---	---	---
Sulfate	250	mg/l	193	182	200	193
Total Sulfides	NS	mg/l	0.1 U	0.16	0.07 J	0.050 JH
Total Organic Carbon, Filter	NS	mg/L	3.4	2.6	5.2 B	3.2
pH	NS	STD u	---	---	---	---

NOTES:
U - not detected, J - estimated, D - Diluted Result, B - analyte was detected in the method blank
R - unusable, NS - no standard, Dup - duplicate sample, --- Not Analyzed
H - Sample analyzed beyond the specified holding time
[ ] - Exceeds NYS Class GA Ground Water Quality Standard
Data have note been validated

RAMBOLL

Table 5
Groundwater Data - Geochemical
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW Stds (mg/l)	Location ID Depth Interva Sample Date Sample ID units	MW-5D - 3/20/2019 MW 5D 032019 mg/l	MW-5D - 9/25/2019 MW-5D-092519 mg/L	MW-5D - 9/25/2019 X-1-092519 mg/L	MW-05D - 3/19/2020 MW 5D 031920 mg/L
Alkalinity (As Caco3)	NS	mg/L	333 B	329	344	317 B
Chloride	250	mg/L	188	187	187	195
Nitrate (as N)	10	mg/L	0.05 U	0.027 J	0.05 U	0.092
Nitrite (as N)	1	mg/l	0.05 U	0.050 U	0.05 U	0.050 UF1
Nitrite-Nitrate Nitrogen	NS	mg/L	---	---	---	---
Sulfate	250	mg/l	182	184	185	189
Total Sulfides	NS	mg/l	0.1 UH*	1.0 U	1.0 U	1.0 U
Total Organic Carbon, Filter	NS	mg/L	2.9	3.9	3.7	3.7
pH	NS	STD u	---	---	---	---

NOTES:
U - not detected, J - estimated, D - Diluted Result, B - analyte was detected in the method blank
R - unusable, NS - no standard, Dup - duplicate sample, --- Not Analyzed
H - Sample analyzed beyond the specified holding time
[ ] - Exceeds NYS Class GA Ground Water Quality Standard
Data have note been validated

Table 5
Groundwater Data - Geochemical
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW Stds (mg/l)	Location ID Depth Interva Sample Date Sample ID units	MW-05D - 9/23/2020 MW 5D 092320 mg/L	MW-05D 3/24/2021 MW5D032421 mg/l	MW-05D 9/21/2021 MW5D 092121 mg/l	MW-05D 3/22/2022 MW5D 032222 mg/l	MW-05D 9/27/2022 MW5D 092722 mg/L
Alkalinity (As Caco3)	NS	mg/L	380 B	355	340	339	409
Chloride	250	mg/L	191	202	198	203	206
Nitrate (as N)	10	mg/L	0.05 U H	0.050 U	< 0.050 U	0.050 U	0.050 U
Nitrite (as N)	1	mg/l	0.05 U H	0.050 U	< 0.050 U H	0.050 U	0.050 U
Nitrite-Nitrate Nitrogen	NS	mg/L	---	---	--	---	---
Sulfate	250	mg/l	198	220	223	195	237
Total Sulfides	NS	mg/l	1.0 U	1.0 UH	< 1.0 U	1.0 U	1.0 U
Total Organic Carbon, Filter	NS	mg/L	4.6	4.1	4.5	4.2	18.7
pH	NS	STD u	---	---	--	---	---

NOTES:
U - not detected, J - estimated, D - Diluted Result, B - analyte was detected in the method blank
R - unusable, NS - no standard, Dup - duplicate sample, --- Not Analyzed
H - Sample analyzed beyond the specified holding time
[ ] - Exceeds NYS Class GA Ground Water Quality Standard
Data have note been validated

Table 5
Groundwater Data - Geochemical
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW Stds (mg/l)	Location ID Depth Interval Sample Date Sample ID units	MW-06S - 2/15/2000 MW-06S_WG_021500 mg/l	MW-06S - 8/15/2001 MW-06S_WG_081501 mg/l	MW-06S - 11/29/2001 MW-06S_WG_112901 mg/l	MW-06S - 2/27/2002 MW-06S_WG_022702 mg/l
Alkalinity (As Caco3)	NS	mg/L	250	270	230	200
Chloride	250	mg/L	200	120	90	43
Nitrate (as N)	10	mg/L	0.05 U	0.05 U	0.05 U	0.05 U
Nitrite (as N)	1	mg/l	0.05 U	0.05 U	0.05 U	0.05 U
Nitrite-Nitrate Nitrogen	NS	mg/L	0.05 U	0.05 U	0.05 U	0.05 U
Sulfate	250	mg/l	7.5 U	230	200	130
Total Sulfides	NS	mg/l	0.2 U	0.2 U	0.2 U	0.2 U
Total Organic Carbon, Filtere	NS	mg/L	5	7	8	6
pH	NS	STD u	7.4	---	---	---

NOTES:
U - not detected, J - estimated, D - Diluted Result, B - analyte was detected in the method blank
R - unusable, NS - no standard, Dup - duplicate sample, --- Not Analyzed
H - Sample analyzed beyond the specified holding time
[ ] - Exceeds NYS Class GA Ground Water Quality Standard
Data have note been validated

Table 5
Groundwater Data - Geochemical
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW Stds (mg/l)	Location ID Depth Interval Sample Date Sample ID units	MW-06S - 5/15/2002 MW-06S_WG_051502 mg/l	MW-06S - 11/16/2004 MW-06S_WG_111604 mg/l	MW-06S - 11/15/2005 MW-6S_11152005 mg/l	MW-06S - 11/13/2006 MW-6S_11132006 mg/l
Alkalinity (As Caco3)	NS	mg/L	230	160	260	240
Chloride	250	mg/L	44	52	24	18
Nitrate (as N)	10	mg/L	0.07	0.05 U	0.05 U	0.1 U
Nitrite (as N)	1	mg/l	0.05 U	0.0074 J	0.05 U	0.1 U
Nitrite-Nitrate Nitrogen	NS	mg/L	0.07	0.05 U	---	---
Sulfate	250	mg/l	120	[330]	190	120
Total Sulfides	NS	mg/l	0.2 U	0.8	0.60 J	0.8 U
Total Organic Carbon, Filtere	NS	mg/L	2	5.8	14	28
pH	NS	STD u	---	---	---	---

NOTES:
U - not detected, J - estimated, D - Diluted Result, B - analyte was detected in the method blank
R - unusable, NS - no standard, Dup - duplicate sample, --- Not Analyzed
H - Sample analyzed beyond the specified holding time
[ ] - Exceeds NYS Class GA Ground Water Quality Standard
Data have note been validated

Table 5
Groundwater Data - Geochemical
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW Stds (mg/l)	Location ID Depth Interval Sample Date Sample ID units	MW-06S - 10/31/2007 MW-6S-103107 mg/l	MW-06S - 11/19/2008 MW-6S-111908 mg/l	MW-06S - 10/21/2009 MW-6S-10212009 mg/l	MW-06S - 05/19/2010 W-6S-0519100519201 mg/l
Alkalinity (As Caco3)	NS	mg/L	200	280	269 D,B	263 B
Chloride	250	mg/L	44	37	21.3	21.6
Nitrate (as N)	10	mg/L	0.1	0.1 U	0.05 U	0.047 J
Nitrite (as N)	1	mg/l	0.1	0.1 U	0.05 U	0.05 U
Nitrite-Nitrate Nitrogen	NS	mg/L	---	---	---	---
Sulfate	250	mg/l	380 a	210	199 D	136 B
Total Sulfides	NS	mg/l	1	1 U	0	0.006
Total Organic Carbon, Filtere	NS	mg/L	6.5	12	5.4	1.4
pH	NS	STD u	---	---	---	

NOTES:
U - not detected, J - estimated, D - Diluted Result, B - analyte was detected in the method blank
R - unusable, NS - no standard, Dup - duplicate sample, --- Not Analyzed
H - Sample analyzed beyond the specified holding time
[ ] - Exceeds NYS Class GA Ground Water Quality Standard
Data have note been validated

Table 5
Groundwater Data - Geochemical
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW Stds (mg/l)	Location ID Depth Interval Sample Date Sample ID units	MW-06S - 01/19/2011 MW-6S-01192011 mg/l	MW-06S - 4/20/2011 MW-6S-042011 mg/l	MW-06S - 7/26/2011 MW-6S072611 mg/l	MW-06S - 10/26/2011 MW6S102611 mg/l
Alkalinity (As Caco3)	NS	mg/L	224	179	247 B	286
Chloride	250	mg/L	19.3	12	17.9	24.6
Nitrate (as N)	10	mg/L	0.05 U	0.05 U	0.05 U	0.05 U
Nitrite (as N)	1	mg/l	0.05 U	0.05 U	0.05 U	0.05 U
Nitrite-Nitrate Nitrogen	NS	mg/L	---	---	---	---
Sulfate	250	mg/l	151 B	78.8	153 B	214
Total Sulfides	NS	mg/l	0.1	0.1 U	0.1 UH	0.1 U
Total Organic Carbon, Filtere	NS	mg/L	1 U	1 U	6.5	5.3
pH	NS	STD u	---	---	---	---

NOTES:
U - not detected, J - estimated, D - Diluted Result, B - analyte was detected in the method blank
R - unusable, NS - no standard, Dup - duplicate sample, --- Not Analyzed
H - Sample analyzed beyond the specified holding time
[ ] - Exceeds NYS Class GA Ground Water Quality Standard
Data have note been validated

RAMBOLL

Table 5
Groundwater Data - Geochemical
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW Stds (mg/l)	Location ID Depth Interval Sample Date Sample ID units	MW-06S - 3/20/2012 MW6S032012 mg/l	MW-6S - 8/7/2012 MW6S080712 mg/l	MW-6S - 12/19/2012 MW-6S-121912 mg/l	MW-6S - 5/21/2013 MW-6S-052113 mg/l
Alkalinity (As Caco3)	NS	mg/L	---	265	244 B	256
Chloride	250	mg/L	11.8	16	6.8	14.2 B
Nitrate (as N)	10	mg/L	0.05 U	0.05 U	0.05 U	0.05 U
Nitrite (as N)	1	mg/l	0.05 U	0.05 U	0.05 U	0.05 U
Nitrite-Nitrate Nitrogen	NS	mg/L	---	---	---	---
Sulfate	250	mg/l	---	107	63.9	101
Total Sulfides	NS	mg/l	0.1 U	0.1 U	0.1 U	0.1 U
Total Organic Carbon, Filtere	NS	mg/L	1.5	3.2	7.7	6.6
pH	NS	STD u	---	---	---	---

NOTES:
U - not detected, J - estimated, D - Diluted Result, B - analyte was detected in the method blank
R - unusable, NS - no standard, Dup - duplicate sample, --- Not Analyzed
H - Sample analyzed beyond the specified holding time
[ ] - Exceeds NYS Class GA Ground Water Quality Standard
Data have note been validated

RAMBOLL

Table 5
Groundwater Data - Geochemical
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW Stds (mg/l)	Location ID Depth Interval Sample Date Sample ID units	MW-6S - 8/21/2013 MW-6S-082113 mg/l	MW-6S - 12/18/2013 MW-6D-121813 mg/l	MW-6S - 3/25/2014 MW-6S-032514 mg/l	MW-6S - 6/11/2014 MW-6S-061114 mg/l
Alkalinity (As Caco3)	NS	mg/L	219	285	257	322 B
Chloride	250	mg/L	11.4	18.9 B	23.8	32.5
Nitrate (as N)	10	mg/L	0.05 U	0.05 U	0.05 U	0.02J
Nitrite (as N)	1	mg/l	0.05 U	0.05 U	0.05 U	0.05 U
Nitrite-Nitrate Nitrogen	NS	mg/L	---	---	---	---
Sulfate	250	mg/l	78.1	168	162	54.4
Total Sulfides	NS	mg/l	0.1 U	0.1 U	0.1 U	0.1 U
Total Organic Carbon, Filtere	NS	mg/L	5.5	5.8	4.8	5.3
pH	NS	STD u	---	---	---	---

NOTES:
U - not detected, J - estimated, D - Diluted Result, B - analyte was detected in the method blank
R - unusable, NS - no standard, Dup - duplicate sample, --- Not Analyzed
H - Sample analyzed beyond the specified holding time
[ ] - Exceeds NYS Class GA Ground Water Quality Standard
Data have note been validated

RAMBOLL

Table 5
Groundwater Data - Geochemical
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW Stds (mg/l)	Location ID Depth Interval Sample Date Sample ID units	MW-6S - 9/23/2014 MW6S092314 mg/l	MW-6S - 4/11/2017 MW6S041117 mg/l	MW-6S - 9/14/2017 MW6S091417 mg/l	MW-6S - 9/20/2018 MW6S092018 mg/l
Alkalinity (As Caco3)	NS	mg/L	405 B	320	379 B	386 B
Chloride	250	mg/L	30.9	32.3	39.8	43.6
Nitrate (as N)	10	mg/L	0.021 J	0.14	0.05 U	0.024 J
Nitrite (as N)	1	mg/l	0.05 U	0.05	0.05 U	0.050 U
Nitrite-Nitrate Nitrogen	NS	mg/L	---	---	---	---
Sulfate	250	mg/l	203	208	[287]	241 B
Total Sulfides	NS	mg/l	0.1 U	0.08 J	0.1 U	0.10 U
Total Organic Carbon, Filtere	NS	mg/L	4.9	3.9	6.3 B	3.9 B
pH	NS	STD u	---	---	---	---

NOTES:
U - not detected, J - estimated, D - Diluted Result, B - analyte was detected in the method blank
R - unusable, NS - no standard, Dup - duplicate sample, --- Not Analyzed
H - Sample analyzed beyond the specified holding time
[ ] - Exceeds NYS Class GA Ground Water Quality Standard
Data have note been validated

RAMBOLL

Table 5
Groundwater Data - Geochemical
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW Stds (mg/l)	Location ID Depth Interval Sample Date Sample ID units	MW-6S - 3/20/219 MW6S032019 mg/l	MW-06S - 9/25/2019 MW-6S-092519 mg/L	MW-06S - 3/17/2020 MW 6S 031720 mg/L	MW-06S - 9/23/2020 MW 6S 092320 mg/L
Alkalinity (As Caco3)	NS	mg/L	296 B	378	388 B	433 B
Chloride	250	mg/L	28.5	39.4	38.3	40.8
Nitrate (as N)	10	mg/L	0.05 U	0.023 J	0.050 UH	0.05 U
Nitrite (as N)	1	mg/l	0.05 U	0.050 U	0.050 UH	0.05 U
Nitrite-Nitrate Nitrogen	NS	mg/L	---	---	---	---
Sulfate	250	mg/l	163	204	211	198
Total Sulfides	NS	mg/l	0.1 UH*	1.0 U	1.0 U	1.0 U
Total Organic Carbon, Filtere	NS	mg/L	4.9 B	4.4	5.8	5.8
pH	NS	STD u	---	---	---	---

NOTES:
U - not detected, J - estimated, D - Diluted Result, B - analyte was detected in the method blank
R - unusable, NS - no standard, Dup - duplicate sample, --- Not Analyzed
H - Sample analyzed beyond the specified holding time
[ ] - Exceeds NYS Class GA Ground Water Quality Standard
Data have note been validated

Table 5
Groundwater Data - Geochemical
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW Stds (mg/l)	Location ID Depth Interval Sample Date Sample ID units	MW-06S 3/24/2021 MW6S032421 mg/l	MW-06S 9/21/2021 MW6S 092121 mg/l	MW-06S 3/22/2022 MW6S 032222 mg/l	MW-06S 9/27/2022 MW6S 092722 mg/L
Alkalinity (As Caco3)	NS	mg/L	397	384	410	336
Chloride	250	mg/L	39.6	33.4	38.7	34.4
Nitrate (as N)	10	mg/L	0.17	< 0.050 U H	0.050 U	0.050 U
Nitrite (as N)	1	mg/l	0.05 U	< 0.050 U H	0.050 U	0.050 U
Nitrite-Nitrate Nitrogen	NS	mg/L	---	--	---	---
Sulfate	250	mg/l	[261]	[325]	228	280
Total Sulfides	NS	mg/l	< 1.0 UH	< 1.0 U	1.0 U	1.0 U
Total Organic Carbon, Filtere	NS	mg/L	4.8	5.3	4.5	19.1
pH	NS	STD u	---	--	---	---

NOTES:
U - not detected, J - estimated, D - Diluted Result, B - analyte was detected in the method blank
R - unusable, NS - no standard, Dup - duplicate sample, --- Not Analyzed
H - Sample analyzed beyond the specified holding time
[ ] - Exceeds NYS Class GA Ground Water Quality Standard
Data have note been validated

RAMBOLL

Table 5
Groundwater Data - Geochemical
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW Stds (mg/l)	Location ID / Depth Interval / Sample Date / Sample ID	MW-06D - 2/15/2000 MW-06D_WG_021500	MW-06D - 8/15/2001 MW-06D_WG_081501	MW-06D - 11/29/2001 MW-06D_WG_112901	MW-06D - 2/27/2002 MW-06D_WG_022702
		units	mg/l	mg/l	mg/l	mg/l
Alkalinity (As Caco3)	NS	mg/L	240	250	240	240
Chloride	250	mg/L	140	240	200	120
Nitrate (as N)	10	mg/L	0.05 U	0.05 U	0.05 U	0.05 U
Nitrite (as N)	1	mg/l	0.05 U	0.05 U	0.05 U	0.05 U
Nitrite-Nitrate Nitrogen	NS	mg/L	0.05 U	0.05 U	0.05 U	0.05 U
Sulfate	250	mg/l	7.5 U	180	220	210
Total Sulfides	NS	mg/l	0.2 U	0.4	0.2 U	0.2 U
Total Organic Carbon, Filtere	NS	mg/L	5	6	6	3
pH	NS	STD u	8	---	---	---

NOTES:
U - not detected, J - estimated, D - Diluted Result, B - analyte was detected in the method blank
R - unusable, NS - no standard, Dup - duplicate sample, --- Not Analyzed
H - Sample analyzed beyond the specified holding time
[ ] - Exceeds NYS Class GA Ground Water Quality Standard
Data have note been validated

RAMBOLL

Table 5
Groundwater Data - Geochemical
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW Stds (mg/l)	Location ID Depth Interval Sample Date Sample ID units	MW-06D - 5/15/2002 MW-06D_WG_051502 mg/l	MW-06D - 11/16/2004 MW-06D_WG_111604 mg/l	MW-06D - 11/15/2005 MW-6D_11152005 mg/l	MW-06D - 10/30/2007 MW 6 D-103007 mg/l
Alkalinity (As Caco3)	NS	mg/L	250	270	260	260
Chloride	250	mg/L	110	[340]	110	180
Nitrate (as N)	10	mg/L	0.05 U	0.05 U	0.05 U	0.1
Nitrite (as N)	1	mg/l	0.05 U	0.05 U	0.05 U	0.1
Nitrite-Nitrate Nitrogen	NS	mg/L	0.05 U	0.05 U	---	---
Sulfate	250	mg/l	170	[330]	200	230
Total Sulfides	NS	mg/l	0.2 U	0.60 J	0.8 U	1
Total Organic Carbon, Filtere	NS	mg/L	3	3.7	5.3	4.5
pH	NS	STD u	---	---	---	---

NOTES:
U - not detected, J - estimated, D - Diluted Result, B - analyte was detected in the method blank
R - unusable, NS - no standard, Dup - duplicate sample, --- Not Analyzed
H - Sample analyzed beyond the specified holding time
[ ] - Exceeds NYS Class GA Ground Water Quality Standard
Data have note been validated

RAMBOLL

Table 5
Groundwater Data - Geochemical
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW Stds (mg/l)	Location ID Depth Interval Sample Date Sample ID units	MW-06D - 11/19/2008 MW 6 D-111908 mg/l	MW-06D 10/21/2009 MW-6D-10212009 mg/l	MW-06D 5/19/2010 W-6D-0519100519201 mg/l	MW-06D 1/19/2011 MW-6D-01192011 mg/l
Alkalinity (As Caco3)	NS	mg/L	250	232 D,B	358 B	257
Chloride	250	mg/L	120	72.4 D,B	38	34.1
Nitrate (as N)	10	mg/L	0.1 U	0.05 U	0.05 U	0.05 U
Nitrite (as N)	1	mg/l	0.1 U	0.05 U	0.05 U	0.05 U
Nitrite-Nitrate Nitrogen	NS	mg/L	---	---		---
Sulfate	250	mg/l	190	166 D	151 B	145 B
Total Sulfides	NS	mg/l	1 U	0	0.023	0.21
Total Organic Carbon, Filtere	NS	mg/L	14	5.3	1 U	1 U
pH	NS	STD u	---	---		---

NOTES:
U - not detected, J - estimated, D - Diluted Result, B - analyte was detected in the method blank
R - unusable, NS - no standard, Dup - duplicate sample, --- Not Analyzed
H - Sample analyzed beyond the specified holding time
[ ] - Exceeds NYS Class GA Ground Water Quality Standard
Data have note been validated

RAMBOLL

Table 5
Groundwater Data - Geochemical
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW Stds (mg/l)	Location ID Depth Interval Sample Date Sample ID units	MW-06D - 4/20/2011 MW-6D-042011 mg/l	MW-06D - 7/26/2011 MW-6D072611 mg/l	MW-06D - 10/26/2011 MW6D102611 mg/l	MW-06D - 3/20/2012 MW6D032012 mg/l
Alkalinity (As Caco3)	NS	mg/L	220	263 B	295	---
Chloride	250	mg/L	28.9	37.4	97.2	35.3
Nitrate (as N)	10	mg/L	0.05 U	0.05 U	0.05 U	0.05 U
Nitrite (as N)	1	mg/l	0.05 U	0.05 U	0.05 U	0.05 U
Nitrite-Nitrate Nitrogen	NS	mg/L	---	---	---	---
Sulfate	250	mg/l	135	177 B	196	---
Total Sulfides	NS	mg/l	0.1 U	0.1 UH	0.1 U	0.1 U
Total Organic Carbon, Filtere	NS	mg/L	0.81 J	5.3	4.3	1.7
pH	NS	STD u	---	---	---	---

NOTES:
U - not detected, J - estimated, D - Diluted Result, B - analyte was detected in the method blank
R - unusable, NS - no standard, Dup - duplicate sample, --- Not Analyzed
H - Sample analyzed beyond the specified holding time
[ ] - Exceeds NYS Class GA Ground Water Quality Standard
Data have note been validated

RAMBOLL

Table 5
Groundwater Data - Geochemical
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW Stds (mg/l)	Location ID Depth Interval Sample Date Sample ID units	X-1 - 3/20/2012 MW6D032012 mg/l	MW-6D - 8/7/2012 MW6D080712 mg/l	MW-6D - 12/19/2012 MW-6D-121912 mg/l	MW-6D - 5/21/2013 MW-6D-052113 mg/l
Alkalinity (As Caco3)	NS	mg/L	---	259	302 B	291
Chloride	250	mg/L	35.9	103	29	32.2 B
Nitrate (as N)	10	mg/L	0.05 U	0.05 U	0.05 U	0.05 U
Nitrite (as N)	1	mg/l	0.05 U	0.05 U	0.05 U	0.05 U
Nitrite-Nitrate Nitrogen	NS	mg/L	---	---	---	---
Sulfate	250	mg/l	---	181	150	147
Total Sulfides	NS	mg/l	0.1 U	0.057 J	0.1 U	0.1 U
Total Organic Carbon, Filtere	NS	mg/L	1.1	2	4.4	5.7
pH	NS	STD u	---	---	---	---

NOTES:
U - not detected, J - estimated, D - Diluted Result, B - analyte was detected in the method blank
R - unusable, NS - no standard, Dup - duplicate sample, --- Not Analyzed
H - Sample analyzed beyond the specified holding time
[ ] - Exceeds NYS Class GA Ground Water Quality Standard
Data have note been validated

RAMBOLL

Table 5
Groundwater Data - Geochemical
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW Stds (mg/l)	Location ID Depth Interval Sample Date Sample ID units	X-1 - 5/21/2013 MW-6D-052113 mg/l	MW-6D - 8/21/2013 MW-6D-082113 mg/l	MW-6D - 12/18/2013 MW-6D-121813 mg/l	MW-6D - 3/25/2014 MW-6D-032514 mg/l
Alkalinity (As Caco3)	NS	mg/L	255	246	281	380
Chloride	250	mg/L	31.8B	27.8	30.4 B	189
Nitrate (as N)	10	mg/L	0.05U	0.05 U	0.05 U	0.05 U
Nitrite (as N)	1	mg/l	0.05U	0.05 U	0.05 U	0.05 U
Nitrite-Nitrate Nitrogen	NS	mg/L	---	---	---	---
Sulfate	250	mg/l	145	126	148	[262]
Total Sulfides	NS	mg/l	0.1U	0.1 U	0.1 U	0.1 U
Total Organic Carbon, Filtere	NS	mg/L	5.4	5.2	5	3.9
pH	NS	STD u	---	---	---	---

NOTES:
U - not detected, J - estimated, D - Diluted Result, B - analyte was detected in the method blank
R - unusable, NS - no standard, Dup - duplicate sample, --- Not Analyzed
H - Sample analyzed beyond the specified holding time
[ ] - Exceeds NYS Class GA Ground Water Quality Standard
Data have note been validated

RAMBOLL

Table 5
Groundwater Data - Geochemical
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW Stds (mg/l)	Location ID Depth Interval Sample Date Sample ID units	MW-6D - 6/10/2014 MW-6D-061014 mg/l	MW-6D - 9/23/2014 MW6D092314 mg/l	MW-6D - 4/11/2017 MW6D041117 mg/l	MW-6D - 9/12/2017 MW6D091217 mg/l
Alkalinity (As Caco3)	NS	mg/L	309	435 B	339	329 B
Chloride	250	mg/L	199	221	201	180
Nitrate (as N)	10	mg/L	0.05 U	0.02 J	0.05	0.05 U
Nitrite (as N)	1	mg/l	0.05 U	0.05 U	0.05	0.05 U
Nitrite-Nitrate Nitrogen	NS	mg/L	---	---	---	---
Sulfate	250	mg/l	[313]	[340]	222	[265]
Total Sulfides	NS	mg/l	0.19	0.31	0.46	0.58
Total Organic Carbon, Filtere	NS	mg/L	4.8	3.7	3.1	4.5 B
pH	NS	STD u	---	---	---	---

NOTES:
U - not detected, J - estimated, D - Diluted Result, B - analyte was detected in the method blank
R - unusable, NS - no standard, Dup - duplicate sample, --- Not Analyzed
H - Sample analyzed beyond the specified holding time
[ ] - Exceeds NYS Class GA Ground Water Quality Standard
Data have note been validated

RAMBOLL

Table 5
Groundwater Data - Geochemical
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW Stds (mg/l)	Location ID Depth Interval Sample Date Sample ID units	MW-6D - 9/19/2018 MW6D091918 mg/l	MW-6D - 3/20/2019 MW6D032019 mg/l	MW-06D - 9/24/2019 MW-6D-092419 mg/L	MW-06D - 3/17/2020 MW 6D 031720 mg/L
Alkalinity (As Caco3)	NS	mg/L	332 B	311 B	296	315 B
Chloride	250	mg/L	205	172	182	179
Nitrate (as N)	10	mg/L	0.050 U	0.05 U	0.028 J	0.05 U
Nitrite (as N)	1	mg/l	0.050 U	0.05 U	0.050 U	0.05 U
Nitrite-Nitrate Nitrogen	NS	mg/L	---	---	---	---
Sulfate	250	mg/l	[297]	[265]	196	[270]
Total Sulfides	NS	mg/l	0.13 H	0.19 H	1.0 U	0.8 J
Total Organic Carbon, Filtere	NS	mg/L	3.9 B	3.7	4.2	4.4
pH	NS	STD u	---	---	---	---

NOTES:
U - not detected, J - estimated, D - Diluted Result, B - analyte was detected in the method blank
R - unusable, NS - no standard, Dup - duplicate sample, --- Not Analyzed
H - Sample analyzed beyond the specified holding time
[ ] - Exceeds NYS Class GA Ground Water Quality Standard
Data have note been validated

Table 5
Groundwater Data - Geochemical
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW Stds (mg/l)	Location ID Depth Interval Sample Date Sample ID units	MW-06D - 9/22/2020 MW 6D 092220 mg/L	MW-06D 3/23/2021 MW-6D_032321 mg/l	MW-06D 9/21/2021 MW6D 092121 mg/l	MW-06D 3/22/2022 MW6D 032222 mg/l	MW-06D 9/27/2022 MW6D 092722 mg/L
Alkalinity (As Caco3)	NS	mg/L	356	296	306	338	354
Chloride	250	mg/L	245	198	188	185	[265]
Nitrate (as N)	10	mg/L	0.05 U H	0.050 U	< 0.050 U H	0.050 U	0.050 U
Nitrite (as N)	1	mg/l	0.05 U H	0.050 U	< 0.050 U H	0.050 U	0.050 U
Nitrite-Nitrate Nitrogen	NS	mg/L	---	---	--	---	---
Sulfate	250	mg/l	233	[268]	[256]	[254]	244
Total Sulfides	NS	mg/l	0.8 J	1.0 U	< 1.0 U	1.0 U	1.0 U
Total Organic Carbon, Filtere	NS	mg/L	4.2	4.3	5.0 F1	4.7	4.7
pH	NS	STD u	---	---	--	---	---

NOTES:
U - not detected, J - estimated, D - Diluted Result, B - analyte was detected in the method blank
R - unusable, NS - no standard, Dup - duplicate sample, --- Not Analyzed
H - Sample analyzed beyond the specified holding time
[ ] - Exceeds NYS Class GA Ground Water Quality Standard
Data have note been validated

Date Printed: 1/17/2023
File: https://ramboll-my.sharepoint.com/personal/yuri_veliz_ramboll_com/Documents/Desktop/Working Projects/Forest Glen/Annual Report 2022/Tables/Tab 5 - Geochem_GW.xls
Database: Q:\6510_Goodyear\Forest Glen\Database\Forest_Glen.mdb

RAMBOLL

Table 5
Groundwater Data - Geochemical
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW STds (mg/l)	Location ID Depth Interval Sample Date Sample ID units	MW-06DD - 11/14/2005 MW-6DD_11142005 mg/l	MW-06DD - 11/15/2006 MW-6DD_11152006 mg/l	MW-06DD - 10/30/2007 MW 6 DD-103007 mg/l	MW-06DD - 11/19/2008 MW 6 DD-111908 mg/l
Alkalinity (As Caco3)	NS	mg/l	310	320	320	310
Chloride	250	mg/l	160	150	200	180
Nitrate (as N)	10	mg/l	0.05 U	0.1 U	0.1	0.1 U
Nitrite (as N)	1	mg/l	0.05 U	0.1 U	0.1	0.1 U
Nitrite-Nitrate Nitrogen	NS	mg/l	---	---	---	---
Sulfate	250	mg/l	[270]	[270]	[320]	[260]
Total Sulfides	NS	mg/l	0.8 U	0.8 U	1	1 U
Total Organic Carbon, Filtered	NS	mg/l	6.4	12	3.8	20
pH	NS	STD u	---	---	---	---

NOTES:
U - not detected, J - estimated, D - Diluted Result, B - analyte was detected in the method blank
R - unusable, NS - no standard, Dup - duplicate sample, --- Not Analyzed
H - Sample analyzed beyond the specified holding time
[ ] - Exceeds NYS Class GA Ground Water Quality Standard
Data have note been validated

RAMBOLL

Table 5
Groundwater Data - Geochemical
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW STds (mg/l)	Location ID Depth Interval Sample Date Sample ID units	MW-06DD - 10/21/2009 MW-6DD-10212009 mg/l	MW-06DD - 05/19/2010 *N*-6DD-051910051920 mg/l	MW-06DD - 01/19/2011 MW-6DD-01192011 mg/l	MW-06DD - 4/20/2011 MW-6DD-042011 mg/l
Alkalinity (As Caco3)	NS	mg/l	322 D,B	358 B	306 B	273
Chloride	250	mg/l	177 D	169	131 B	123
Nitrate (as N)	10	mg/l	0.05 U	0.05 U	0.05 U	0.05 U
Nitrite (as N)	1	mg/l	0.05 U	0.05 U	0.05 U	0.05 U
Nitrite-Nitrate Nitrogen	NS	mg/l	---	---	---	---
Sulfate	250	mg/l	[290] D	[257] B	235 B	196
Total Sulfides	NS	mg/l	0.006	0.061	0.1	0.1 U
Total Organic Carbon, Filtered	NS	mg/l	4.4	23.2	1 U	4.9
pH	NS	STD u	---	---	---	---

NOTES:
U - not detected, J - estimated, D - Diluted Result, B - analyte was detected in the method blank
R - unusable, NS - no standard, Dup - duplicate sample, --- Not Analyzed
H - Sample analyzed beyond the specified holding time
[ ] - Exceeds NYS Class GA Ground Water Quality Standard
Data have note been validated

RAMBOLL

Table 5
Groundwater Data - Geochemical
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW STds (mg/l)	Location ID Depth Interval Sample Date Sample ID units	MW-06DD - 7/26/2011 MW-6DD072611 mg/l	MW-06DD - 10/26/2011 MW6DD102611 mg/l	MW-06DD - 3/20/2012 MW6DD032012 mg/l	MW-6DD - 8/7/2012 MW6DD080712 mg/l
Alkalinity (As Caco3)	NS	mg/l	317 B	313	---	349
Chloride	250	mg/l	145	160	126 B	155
Nitrate (as N)	10	mg/l	0.05 U	0.05 U	0.05 U	0.05 U
Nitrite (as N)	1	mg/l	0.05 U	0.05 U	0.05 U	0.05 U
Nitrite-Nitrate Nitrogen	NS	mg/l	---	---	---	---
Sulfate	250	mg/l	[270]	[259]	---	226
Total Sulfides	NS	mg/l	0.1 UH	0.1 U	0.1 U	0.06 J
Total Organic Carbon, Filtered	NS	mg/l	4.2	4	1.1	2
pH	NS	STD u	---	---	---	---

NOTES:
U - not detected, J - estimated, D - Diluted Result, B - analyte was detected in the method blank
R - unusable, NS - no standard, Dup - duplicate sample, --- Not Analyzed
H - Sample analyzed beyond the specified holding time
[ ] - Exceeds NYS Class GA Ground Water Quality Standard
Data have note been validated

RAMBOLL

Table 5
Groundwater Data - Geochemical
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW STds (mg/l)	Location ID Depth Interval Sample Date Sample ID units	MW-6DD - 12/19/2012 MW-6DD-121912 mg/l	MW-6DD - 5/21/2013 MW-6DD-052113 mg/l	MW-6DD - 8/21/2013 MW-6DD-082113 mg/l	MW-6DD - 12/18/2013 MW-6DD-121813 mg/l
Alkalinity (As Caco3)	NS	mg/l	390 B	324	311	358
Chloride	250	mg/l	123	159 B	147	123 B
Nitrate (as N)	10	mg/l	0.05 U	0.05 U	0.05 U	0.05 U
Nitrite (as N)	1	mg/l	0.05 U	0.05 U	0.05 U	0.05 U
Nitrite-Nitrate Nitrogen	NS	mg/l	---	---	---	---
Sulfate	250	mg/l	232	237	230	218
Total Sulfides	NS	mg/l	0.1 U	0.065 J	0.063 J	0.061 J
Total Organic Carbon, Filtered	NS	mg/l	5.1	5.2	3.6	4.5
pH	NS	STD u	---	---	---	---

NOTES:
U - not detected, J - estimated, D - Diluted Result, B - analyte was detected in the method blank
R - unusable, NS - no standard, Dup - duplicate sample, --- Not Analyzed
H - Sample analyzed beyond the specified holding time
[ ] - Exceeds NYS Class GA Ground Water Quality Standard
Data have note been validated

RAMBOLL

Table 5
Groundwater Data - Geochemical
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW STds (mg/l)	Location ID Depth Interval Sample Date Sample ID units	MW-6DD - 3/25/2014 MW-6DD-032514 mg/l	MW-6DD - 6/10/2014 MW-6DD-061014 mg/l	MW-6DD - 9/23/2014 MW6DD092314 mg/l	MW-6DD - 4/11/2017 MW6DD041117 mg/l
Alkalinity (As Caco3)	NS	mg/l	290	286	391 B	208
Chloride	250	mg/l	124	199	[275]	66
Nitrate (as N)	10	mg/l	0.027 J	0.05 U	0.02 J	0.065
Nitrite (as N)	1	mg/l	0.05 U	0.05 U	0.05 U	0.05
Nitrite-Nitrate Nitrogen	NS	mg/l	---	---	---	---
Sulfate	250	mg/l	209	239	[301]	[692]
Total Sulfides	NS	mg/l	0.1 U	0.091 J	0.15	0.07 J
Total Organic Carbon, Filtered	NS	mg/l	4.7	5.4	3.3	4.5
pH	NS	STD u	---	---	---	---

NOTES:
U - not detected, J - estimated, D - Diluted Result, B - analyte was detected in the method blank
R - unusable, NS - no standard, Dup - duplicate sample, --- Not Analyzed
H - Sample analyzed beyond the specified holding time
[ ] - Exceeds NYS Class GA Ground Water Quality Standard
Data have note been validated

RAMBOLL

Table 5
Groundwater Data - Geochemical
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW STds (mg/l)	Location ID Depth Interval Sample Date Sample ID units	MW-6DD - 9/12/2017 MW6DD091217 mg/l	MW-6DD - 9/19/2018 MW6DD091918 mg/l	MW-6DD - 3/20/2019 MW6DD032019 mg/l	MW-6DD - 9/24/2019 MW-6DD-092419 mg/L
Alkalinity (As Caco3)	NS	mg/l	300 B	291 B	248 B	292
Chloride	250	mg/l	240	[300]	169	[273]
Nitrate (as N)	10	mg/l	0.05 U	0.050 U	0.05 U	0.025 J
Nitrite (as N)	1	mg/l	0.05 U	0.050 U	0.05 U	0.050 U
Nitrite-Nitrate Nitrogen	NS	mg/l	---	---	---	---
Sulfate	250	mg/l	238	[278]	178	212
Total Sulfides	NS	mg/l	0.19	0.20 H	0.1 UH*	1.0 U
Total Organic Carbon, Filtered	NS	mg/l	4.3 B	3.0 B	3.3	3.7
pH	NS	STD u	---	---	---	---

NOTES:
U - not detected, J - estimated, D - Diluted Result, B - analyte was detected in the method blank
R - unusable, NS - no standard, Dup - duplicate sample, --- Not Analyzed
H - Sample analyzed beyond the specified holding time
[ ] - Exceeds NYS Class GA Ground Water Quality Standard
Data have note been validated

Table 5
Groundwater Data - Geochemical
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW STds (mg/l)	Location ID Depth Interval Sample Date Sample ID units	MW-06DD - 3/17/2020 MW 6DD 031720 mg/L	MW-06DD - 9/22/2020 MW 6DD 092220 mg/L	MW-06DD 3/23/2021 MW-6DD_032321 mg/l	MW-06DD 9/21/2021 MW6DD 092121 mg/l
Alkalinity (As Caco3)	NS	mg/l	277 B	322 B	260	307
Chloride	250	mg/l	172	[310]	244	[268]
Nitrate (as N)	10	mg/l	0.023 J	0.05 U	0.050 U	< 0.050 U H
Nitrite (as N)	1	mg/l	0.05 U	0.05 U	0.050 U	< 0.050 U H
Nitrite-Nitrate Nitrogen	NS	mg/l	---	---	---	---
Sulfate	250	mg/l	192	[252]	[302]	[283]
Total Sulfides	NS	mg/l	1.0 U	0.8 J	1.000 U	< 1.0 U
Total Organic Carbon, Filtered	NS	mg/l	4.1	6.6	3.9	4.0
pH	NS	STD u	---	---	---	---

NOTES:
U - not detected, J - estimated, D - Diluted Result, B - analyte was detected in the method blank
R - unusable, NS - no standard, Dup - duplicate sample, --- Not Analyzed
H - Sample analyzed beyond the specified holding time
[ ] - Exceeds NYS Class GA Ground Water Quality Standard
Data have note been validated

RAMBOLL

Table 5
Groundwater Data - Geochemical
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW STds (mg/l)	Location ID Depth Interval Sample Date Sample ID units	MW-06DD 3/22/2022 MW6DD 032222 mg/l	MW-06DD 9/27/2022 MW6DD 092722 mg/L
Alkalinity (As Caco3)	NS	mg/l	270	300
Chloride	250	mg/l	147	[270]
Nitrate (as N)	10	mg/l	0.050 U	0.050 U
Nitrite (as N)	1	mg/l	0.11	0.050 U
Nitrite-Nitrate Nitrogen	NS	mg/l	---	---
Sulfate	250	mg/l	164	[345]
Total Sulfides	NS	mg/l	< 1.0 U	1.0 U
Total Organic Carbon, Filtered	NS	mg/l	5.2	7.7
pH	NS	STD u	---	---

NOTES:
U - not detected, J - estimated, D - Diluted Result, B - analyte was detected in the method blank
R - unusable, NS - no standard, Dup - duplicate sample, --- Not Analyzed
H - Sample analyzed beyond the specified holding time
[ ] - Exceeds NYS Class GA Ground Water Quality Standard
Data have note been validated

RAMBOLL

Table 5
Groundwater Data - Geochemical
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW STds (mg/l)	Location ID / Depth Interval / Sample Date / Sample ID	units	MW-07S - 2/18/2000 MW-07S_WG_021800	MW-07S - 8/16/2001 MW-07S_WG_081601	MW-07S - 11/28/2001 MW-07S_WG_112801	MW-07S - 2/25/2002 MW-07S_WG_022502
			mg/l	mg/l	mg/l	mg/l	mg/l
Alkalinity (As Caco3)	NS		mg/l	320	370	150	140
Chloride	250		mg/l	9	13		9
Nitrate (as N)	10		mg/l	0.05 U	0.05 U	0.11	0.14
Nitrite (as N)	1		mg/l	0.05 U	0.05 U	0.05 U	0.05 U
Nitrite-Nitrate Nitrogen	NS		mg/l	0.05 U	0.05 U	0.11	0.14
Sulfate	250		mg/l	7.5 U	95	77	42
Total Sulfides	NS		mg/l	0.2 U	0.2	0.2 U	0.2 U
Total Organic Carbon, Filtered	NS		mg/l	2	2	6	1 U
pH	NS		STD u	7.3	---	---	---

NOTES:
U - not detected, J - estimated, D - Diluted Result, B - analyte was detected in the method blank
R - unusable, NS - no standard, Dup - duplicate sample, --- Not Analyzed
H - Sample analyzed beyond the specified holding time
[ ] - Exceeds NYS Class GA Ground Water Quality Standard
Data have note been validated

RAMBOLL

Table 5
Groundwater Data - Geochemical
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW STds (mg/l)	Location ID Depth Interval Sample Date Sample ID units	MW-07S - 5/16/2002 MW-07S_WG_051602 mg/l	MW-07S - 11/15/2004 MW-07S_WG_111504 mg/l	MW-07S - 11/16/2005 MW-7S_11162005 mg/l	MW-07S - 11/15/2006 MW-7S_11152006 mg/l
Alkalinity (As Caco3)	NS	mg/l	150	180	350	190
Chloride	250	mg/l	7	53	25	38
Nitrate (as N)	10	mg/l	0.1	0.16	0.2	0.17
Nitrite (as N)	1	mg/l	0.05 U	0.0068 J	0.05 U	0.1 U
Nitrite-Nitrate Nitrogen	NS	mg/l	0.1	0.17	---	---
Sulfate	250	mg/l	32	120	64	72
Total Sulfides	NS	mg/l	0.2 U	0.8 U	0.40 J	0.8 U
Total Organic Carbon, Filtered	NS	mg/l	2	10	11	21
pH	NS	STD u	---	---	---	---

NOTES:
U - not detected, J - estimated, D - Diluted Result, B - analyte was detected in the method blank
R - unusable, NS - no standard, Dup - duplicate sample, --- Not Analyzed
H - Sample analyzed beyond the specified holding time
[ ] - Exceeds NYS Class GA Ground Water Quality Standard
Data have note been validated

RAMBOLL

Table 5
Groundwater Data - Geochemical
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW STds (mg/l)	Location ID Depth Interval Sample Date Sample ID units	MW-07S - 10/31/2007 MW 7-S-103107 mg/l	MW-07S - 11/20/2008 MW 7-S-112008 mg/l	MW-07S - 10/20/2009 MW-7S-10202009 mg/l	MW-07S - 05/17/2010 W-7S-0517100517201 mg/l
Alkalinity (As Caco3)	NS	mg/l	180	170	178 D,B	199 B
Chloride	250	mg/l	48	62	34.3	77.2
Nitrate (as N)	10	mg/l	1.3	0.3	0.331	0.238
Nitrite (as N)	1	mg/l	0.1	0.1 U	0.05 U	0.05 U
Nitrite-Nitrate Nitrogen	NS	mg/l	---	---	---	---
Sulfate	250	mg/l	120	79	91.8 D	61.4
Total Sulfides	NS	mg/l	1	1 U	0	0.002 U
Total Organic Carbon, Filtered	NS	mg/l	2.7	4.5	2.1	3.9
pH	NS	STD u	---	---	---	---

NOTES:
U - not detected, J - estimated, D - Diluted Result, B - analyte was detected in the method blank
R - unusable, NS - no standard, Dup - duplicate sample, --- Not Analyzed
H - Sample analyzed beyond the specified holding time
[ ] - Exceeds NYS Class GA Ground Water Quality Standard
Data have note been validated

RAMBOLL

Table 5
Groundwater Data - Geochemical
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW STds (mg/l)	Location ID Depth Interval Sample Date Sample ID units	MW-07S - 1/18/2011 MW 7-S-01182011 mg/l	MW-07S - 4/19/2011 MW-7S-041911 mg/l	MW-07S - 7/27/2011 MW-7S072711 mg/l	MW-07S - 10/26/2011 MW7S102611 mg/l
Alkalinity (As Caco3)	NS	mg/l	229	166 B	305 B	167
Chloride	250	mg/l	51	[259] B	77.5	48.2
Nitrate (as N)	10	mg/l	0.3	0.24	0.05 U	0.36
Nitrite (as N)	1	mg/l	0.05 U	0.05 U	0.05 U	0.05 U
Nitrite-Nitrate Nitrogen	NS	mg/l	---	---	---	---
Sulfate	250	mg/l	111 B	4.8 J^	125	116
Total Sulfides	NS	mg/l	0.1 U	0.1 U	0.1 UH	0.1 U
Total Organic Carbon, Filtered	NS	mg/l	3.6	8.9	3.6	4
pH	NS	STD u	---	---	---	---

NOTES:
U - not detected, J - estimated, D - Diluted Result, B - analyte was detected in the method blank
R - unusable, NS - no standard, Dup - duplicate sample, --- Not Analyzed
H - Sample analyzed beyond the specified holding time
[ ] - Exceeds NYS Class GA Ground Water Quality Standard
Data have note been validated

RAMBOLL

Table 5
Groundwater Data - Geochemical
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW STds (mg/l)	Location ID Depth Interval Sample Date Sample ID units	MW-07S - 3/21/2012 MW7S032112 mg/l	MW-7S - 8/8/2012 MW7S080812 mg/l	MW-7S - 12/18/2012 MW-7S-121812 mg/l	MW-7S - 5/23/2013 MW-7S-052313 mg/l
Alkalinity (As Caco3)	NS	mg/l	---	204	115	233
Chloride	250	mg/l	42.5 B	60.6	25.9 B	85
Nitrate (as N)	10	mg/l	0.24	0.48	0.45	0.19
Nitrite (as N)	1	mg/l	0.05 U	0.05 U	0.05 U	0.05 U
Nitrite-Nitrate Nitrogen	NS	mg/l	---	---	---	---
Sulfate	250	mg/l	---	104	64.1	105
Total Sulfides	NS	mg/l	0.1 U	0.1 U	0.1 U	0.1 U
Total Organic Carbon, Filtered	NS	mg/l	1 U	1.3	4.2	12.2
pH	NS	STD u	---	---	---	---

NOTES:
U - not detected, J - estimated, D - Diluted Result, B - analyte was detected in the method blank
R - unusable, NS - no standard, Dup - duplicate sample, --- Not Analyzed
H - Sample analyzed beyond the specified holding time
[ ] - Exceeds NYS Class GA Ground Water Quality Standard
Data have note been validated

RAMBOLL

Table 5
Groundwater Data - Geochemical
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW STds (mg/l)	Location ID Depth Interval Sample Date Sample ID units	MW-7S - 8/20/2013 MW-7S-082013 mg/l	MW-7S - 12/17/2013 MW-7S-121713 mg/l	MW-7S - 3/26/2014 MW-7S-032614 mg/l	MW-7S - 6/11/2014 MW-7S-061114 mg/l
Alkalinity (As Caco3)	NS	mg/l	244 B	297	236	178
Chloride	250	mg/l	62.4 B	58.4 B	51.4	44.2
Nitrate (as N)	10	mg/l	0.33	0.086	0.64	0.41
Nitrite (as N)	1	mg/l	0.05 U	0.05 U	0.022 JB	0.043 JB
Nitrite-Nitrate Nitrogen	NS	mg/l	---	---	---	---
Sulfate	250	mg/l	108	100	69.1	71.5 B
Total Sulfides	NS	mg/l	0.1 U	0.1 U	0.1 U	0.1 U
Total Organic Carbon, Filtered	NS	mg/l	2.3	4.2	6	2.3
pH	NS	STD u	---	---	---	---

NOTES:
U - not detected, J - estimated, D - Diluted Result, B - analyte was detected in the method blank
R - unusable, NS - no standard, Dup - duplicate sample, --- Not Analyzed
H - Sample analyzed beyond the specified holding time
[ ] - Exceeds NYS Class GA Ground Water Quality Standard
Data have note been validated

Table 5
Groundwater Data - Geochemical
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW STds (mg/l)	Location ID Depth Interval Sample Date Sample ID units	MW-7S - 9/24/2014 MW7S092414 mg/l	MW-7S - 4/12/2017 MW7S041217 mg/l	MW-7S - 9/13/2017 MW7S091317 mg/l	MW-7S - 9/18/2018 MW7S091818 mg/l
Alkalinity (As Caco3)	NS	mg/l	330	247	219 B	264 B
Chloride	250	mg/l	61.5	56	35.2	58.3
Nitrate (as N)	10	mg/l	0.43	1.7	0.67	1.2
Nitrite (as N)	1	mg/l	0.034 JB	0.05	0.05 U	0.050 U
Nitrite-Nitrate Nitrogen	NS	mg/l	---	---	---	---
Sulfate	250	mg/l	116	134	79.4	115
Total Sulfides	NS	mg/l	0.1 U	0.06 J	0.1 U	0.10 UH
Total Organic Carbon, Filtered	NS	mg/l	3.1	6	4 B	3.7 B
pH	NS	STD u	---	---	---	---

NOTES:
U - not detected, J - estimated, D - Diluted Result, B - analyte was detected in the method blank
R - unusable, NS - no standard, Dup - duplicate sample, --- Not Analyzed
H - Sample analyzed beyond the specified holding time
[ ] - Exceeds NYS Class GA Ground Water Quality Standard
Data have note been validated

RAMBOLL

Table 5
Groundwater Data - Geochemical
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW STds (mg/l)	Location ID Depth Interval Sample Date Sample ID units	MW-7S - 3/19/2019 MW7S031919 mg/l	MW-07S - 9/24/2019 MW-7S-092419 mg/L	MW-07S - 3/18/2020 MW 7S 031820 mg/L	MW-07S - 9/23/2020 MW 7S 092320 mg/L
Alkalinity (As Caco3)	NS	mg/l	147 B	246	220	
Chloride	250	mg/l	42.8	55.1	58.6	
Nitrate (as N)	10	mg/l	0.63	0.69	0.62	
Nitrite (as N)	1	mg/l	0.05 U	0.046 J B	0.05 U	
Nitrite-Nitrate Nitrogen	NS	mg/l	---	---	---	
Sulfate	250	mg/l	45.6	81.5	73.4	
Total Sulfides	NS	mg/l	0.1 UH*	1.0 U	1.0 U	
Total Organic Carbon, Filtered	NS	mg/l	1.8 B	4.0	3.2	
pH	NS	STD u	---	---	---	

Not Sampled

NOTES:
U - not detected, J - estimated, D - Diluted Result, B - analyte was detected in the method blank
R - unusable, NS - no standard, Dup - duplicate sample, --- Not Analyzed
H - Sample analyzed beyond the specified holding time
[ ] - Exceeds NYS Class GA Ground Water Quality Standard
Data have note been validated

RAMBOLL

Table 5
Groundwater Data - Geochemical
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW STds (mg/l)	Location ID Depth Interval Sample Date Sample ID units	MW-07S - 3/25/2021 MW7S032521 mg/l	MW-07S - 9/22/2021 MW7S 092221 mg/l	MW-07S 3/23/2022 MW7S 032222 mg/l	MW-07S 9/28/2022 MW7S 092822 mg/L
Alkalinity (As Caco3)	NS	mg/l	381	265	244	195
Chloride	250	mg/l	123	57.1	33.5	9.3
Nitrate (as N)	10	mg/l	0.052	0.40	0.050 U	0.048 J
Nitrite (as N)	1	mg/l	0.021 J	0.048 J	0.050 U	0.033 J
Nitrite-Nitrate Nitrogen	NS	mg/l	---	---	---	---
Sulfate	250	mg/l	104	90.8	67.5	62.2
Total Sulfides	NS	mg/l	1.0 U	< 1.0 U	1.0 U	1.0 U
Total Organic Carbon, Filtered	NS	mg/l	10.2	6.5	3.8	28.9
pH	NS	STD u	---	---	---	---

NOTES:
U - not detected, J - estimated, D - Diluted Result, B - analyte was detected in the method blank
R - unusable, NS - no standard, Dup - duplicate sample, --- Not Analyzed
H - Sample analyzed beyond the specified holding time
[ ] - Exceeds NYS Class GA Ground Water Quality Standard
Data have note been validated

RAMBOLL

Table 5
Groundwater Data - Geochemical
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW STds (mg/l)	Location ID / Depth Interval / Sample Date / Sample ID	units	MW-07D - 2/18/2000 MW-07D_WG_021800	MW-07D - 8/16/2001 MW-07D_WG_081601	MW-07D - 11/28/2001 MW-07D_WG_112801	MW-07D - 2/25/2002 MW-07D_WG_022502
			mg/l	mg/l	mg/l	mg/l	mg/l
Alkalinity (As Caco3)	NS		mg/l	330	330	330	320
Chloride	250		mg/l	180	180	180	120
Nitrate (as N)	10		mg/l	0.05 U	0.05 U	0.05 U	0.05 U
Nitrite (as N)	1		mg/l	0.05 U	0.05 U	0.05 U	0.05 U
Nitrite-Nitrate Nitrogen	NS		mg/l	0.05 U	0.05 U	0.05 U	0.05 U
Sulfate	250		mg/l	7.5 U	230	[310]	240
Total Sulfides	NS		mg/l	0.2 U	0.6	0.2 U	0.2 U
Total Organic Carbon, Filtered	NS		mg/l	6	8	5	3
pH	NS		STD u	7.9	---	---	---

NOTES:
U - not detected, J - estimated, D - Diluted Result, B - analyte was detected in the method blank
R - unusable, NS - no standard, Dup - duplicate sample, --- Not Analyzed
H - Sample analyzed beyond the specified holding time
[ ] - Exceeds NYS Class GA Ground Water Quality Standard
Data have note been validated

RAMBOLL

Table 5
Groundwater Data - Geochemical
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW STds (mg/l)	Location ID Depth Interval Sample Date Sample ID units	MW-07D - 5/16/2002 MW-07D_WG_051602 mg/l	MW-07D - 11/15/2004 MW-07D_WG_111504 mg/l	MW-07D - 11/16/2005 MW-7D_11162005 mg/l	MW-07D - 11/15/2006 MW-7D_11152006 mg/l
Alkalinity (As Caco3)	NS	mg/l	330	280	220	240
Chloride	250	mg/l	120	97	34	41
Nitrate (as N)	10	mg/l	0.05 U	0.05 U	0.06	0.1 U
Nitrite (as N)	1	mg/l	0.05 U	0.05 U	0.05 U	0.1 U
Nitrite-Nitrate Nitrogen	NS	mg/l	0.05 U	0.05 U	---	---
Sulfate	250	mg/l	210	190	78	110
Total Sulfides	NS	mg/l	0.2 U	0.40 J	0.8 U	0.8 U
Total Organic Carbon, Filtered	NS	mg/l	1 U	5.2	3.4	33
pH	NS	STD u	---	---	---	---

NOTES:
U - not detected, J - estimated, D - Diluted Result, B - analyte was detected in the method blank
R - unusable, NS - no standard, Dup - duplicate sample, --- Not Analyzed
H - Sample analyzed beyond the specified holding time
[ ] - Exceeds NYS Class GA Ground Water Quality Standard
Data have note been validated

RAMBOLL

Table 5
Groundwater Data - Geochemical
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW STds (mg/l)	Location ID Depth Interval Sample Date Sample ID units	MW-07D - 10/31/2007 MW 7-D-103107 mg/l	MW-07D - 11/20/2008 MW 7-D-112008 mg/l	MW-07D - 10/20/2009 MW-7D-10202009 mg/l	MW-07D - 05/17/2010 W-7D-0517100517201 mg/l
Alkalinity (As Caco3)	NS	mg/l	230	190	255 D,B	218 B
Chloride	250	mg/l	53	64	40.6	78
Nitrate (as N)	10	mg/l	0.14	0.11	0.055	0.083
Nitrite (as N)	1	mg/l	0.1	0.1 U	0.05 U	0.05 U
Nitrite-Nitrate Nitrogen	NS	mg/l	---	---	---	---
Sulfate	250	mg/l	140	86	84 D	72
Total Sulfides	NS	mg/l	1	1 U	0	0.003
Total Organic Carbon, Filtered	NS	mg/l	2.7	4.4	1.7	3.7
pH	NS	STD u	---	---	---	

NOTES:
U - not detected, J - estimated, D - Diluted Result, B - analyte was detected in the method blank
R - unusable, NS - no standard, Dup - duplicate sample, --- Not Analyzed
H - Sample analyzed beyond the specified holding time
[ ] - Exceeds NYS Class GA Ground Water Quality Standard
Data have note been validated

RAMBOLL

Table 5
Groundwater Data - Geochemical
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW STds (mg/l)	Location ID Depth Interval Sample Date Sample ID units	MW-07D - 01/18/2011 MW-7D-01182011 mg/l	MW-07D - 4/19/2011 MW-7D-041911 mg/l	MW-07D - 7/27/2011 MW-7D072711 mg/l	MW-07D - 10/25/2011 MW7D102511 mg/l
Alkalinity (As Caco3)	NS	mg/l	229 B	175 B	258 B	229
Chloride	250	mg/l	51.4	203 B	74	46.2
Nitrate (as N)	10	mg/l	0.05 U	0.13	0.05 U	0.3
Nitrite (as N)	1	mg/l	0.05 U	0.05 U	0.05 U	0.05 U
Nitrite-Nitrate Nitrogen	NS	mg/l	---	---	---	---
Sulfate	250	mg/l	109 B	70.9	153	79.1
Total Sulfides	NS	mg/l	0.1 U	0.1 U	0.1 UH	0.1 U
Total Organic Carbon, Filtered	NS	mg/l	4.4	6.8	3.4	3.8
pH	NS	STD u	---	---	---	---

NOTES:
U - not detected, J - estimated, D - Diluted Result, B - analyte was detected in the method blank
R - unusable, NS - no standard, Dup - duplicate sample, --- Not Analyzed
H - Sample analyzed beyond the specified holding time
[ ] - Exceeds NYS Class GA Ground Water Quality Standard
Data have note been validated

RAMBOLL

Table 5
Groundwater Data - Geochemical
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW STds (mg/l)	Location ID Depth Interval Sample Date Sample ID units	MW-07D - 10/25/2011 X-1 mg/l	MW-07D - 3/21/2012 MW7D032112 mg/l	MW-7D - 8/8/2012 MW7D080812 mg/l	MW-7D - 12/18/2012 MW-7D-121812 mg/l
Alkalinity (As Caco3)	NS	mg/l	199	---	253	221
Chloride	250	mg/l	17.8	52.3 B	72.3	53.5 B
Nitrate (as N)	10	mg/l	0.21	0.05 U	0.086	0.43
Nitrite (as N)	1	mg/l	0.05 U	0.05 U	0.05 U	0.027 J
Nitrite-Nitrate Nitrogen	NS	mg/l	---	---	---	---
Sulfate	250	mg/l	74.5	---	102	87.4
Total Sulfides	NS	mg/l	0.1 U	0.1 U	0.1 U	0.1 U
Total Organic Carbon, Filtered	NS	mg/l	2.9	0.63	1.9	3.3
pH	NS	STD u	---	---	---	---

NOTES:
U - not detected, J - estimated, D - Diluted Result, B - analyte was detected in the method blank
R - unusable, NS - no standard, Dup - duplicate sample, --- Not Analyzed
H - Sample analyzed beyond the specified holding time
[ ] - Exceeds NYS Class GA Ground Water Quality Standard
Data have note been validated

RAMBOLL

Table 5
Groundwater Data - Geochemical
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW STds (mg/l)	Location ID Depth Interval Sample Date Sample ID units	MW-7D - 5/23/2013 MW-7D-052313 mg/l	MW-7D - 8/20/2013 MW-7D-082013 mg/l	MW-7D - 12/17/2013 MW-7D-121713 mg/l	MW-7D - 3/26/2014 MW-7D-032614 mg/l
Alkalinity (As Caco3)	NS	mg/l	254	282 B	257	194
Chloride	250	mg/l	48.4	60.9 B	40.6 B	33.1
Nitrate (as N)	10	mg/l	0.05 U	0.05 U	0.05 U	0.64
Nitrite (as N)	1	mg/l	0.05 U	0.05 U	0.05 U	0.022 JB
Nitrite-Nitrate Nitrogen	NS	mg/l	---	---	---	---
Sulfate	250	mg/l	75.7	83.9	69.4	35.6
Total Sulfides	NS	mg/l	0.1 U	0.1 U	0.1 U	0.1 U
Total Organic Carbon, Filtered	NS	mg/l	5.2	4	3.6	5
pH	NS	STD u	---	---	---	---

NOTES:
U - not detected, J - estimated, D - Diluted Result, B - analyte was detected in the method blank
R - unusable, NS - no standard, Dup - duplicate sample, --- Not Analyzed
H - Sample analyzed beyond the specified holding time
[ ] - Exceeds NYS Class GA Ground Water Quality Standard
Data have note been validated

RAMBOLL

Table 5
Groundwater Data - Geochemical
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW STds (mg/l)	Location ID Depth Interval Sample Date Sample ID units	MW-7D - 6/11/2014 MW-7D-061114 mg/l	MW-7D - 9/24/2014 MW7D092414 mg/l	MW-7D - 4/12/2017 MW7D041217 mg/l	MW-7D - 9/13/2017 MW7D09132017 mg/l
Alkalinity (As Caco3)	NS	mg/l	250 B	359 B	183	235 B
Chloride	250	mg/l	35.2	75.1	19.2	24.7
Nitrate (as N)	10	mg/l	0.49	0.027 J	0.61	0.57
Nitrite (as N)	1	mg/l	0.042 JB	0.05 U	0.05	0.05 U
Nitrite-Nitrate Nitrogen	NS	mg/l	---	---	---	---
Sulfate	250	mg/l	57.5	145	58.8	60.6
Total Sulfides	NS	mg/l	0.1 U	0.1 U	0.07 J	0.1 U
Total Organic Carbon, Filtered	NS	mg/l	4.9	4.2	2.9	4.1 B
pH	NS	STD u	---	---	---	---

NOTES:
U - not detected, J - estimated, D - Diluted Result, B - analyte was detected in the method blank
R - unusable, NS - no standard, Dup - duplicate sample, --- Not Analyzed
H - Sample analyzed beyond the specified holding time
[ ] - Exceeds NYS Class GA Ground Water Quality Standard
Data have note been validated

RAMBOLL

Table 5
Groundwater Data - Geochemical
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW STds (mg/l)	Location ID Depth Interval Sample Date Sample ID units	MW-7D - 9/18/2018 MW7D091818 mg/l	MW-7D - 3/19/2019 MW7D031919 mg/l	MW-07D - 9/24/2019 MW-7D-092419 mg/L	MW-07D - 3/18/2020 MW 7D 031820 mg/L
Alkalinity (As Caco3)	NS	mg/l	243 B	146 B	227	210
Chloride	250	mg/l	46.9	23.2	43.4	39.9
Nitrate (as N)	10	mg/l	0.42	0.61	0.50	0.44
Nitrite (as N)	1	mg/l	0.050 U	0.05 U	0.038 J B	0.042 JB
Nitrite-Nitrate Nitrogen	NS	mg/l	---	---	---	---
Sulfate	250	mg/l	105	32.6	65.3	50.7
Total Sulfides	NS	mg/l	0.10 UH	0.1 UH*	1.0 U	1.0 U
Total Organic Carbon, Filtered	NS	mg/l	3.4 B	3.1 B	3.9	4.9
pH	NS	STD u	---	---	---	---

NOTES:
U - not detected, J - estimated, D - Diluted Result, B - analyte was detected in the method blank
R - unusable, NS - no standard, Dup - duplicate sample, --- Not Analyzed
H - Sample analyzed beyond the specified holding time
[ ] - Exceeds NYS Class GA Ground Water Quality Standard
Data have note been validated

RAMBOLL

Table 5
Groundwater Data - Geochemical
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW STds (mg/l)	Location ID Depth Interval Sample Date Sample ID units	MW-07D - 9/24/2020 MW 7D 092420 mg/L	MW-07D 3/25/2021 MW7D032521 mg/l	MW-07D 9/22/2021 MW7D 092221 mg/l	MW-07D 3/23/2022 MW7D 032222 mg/l	MW-07D 9/28/2022 MW7D 092822 mg/L
Alkalinity (As Caco3)	NS	mg/l	349	245	243	205	198
Chloride	250	mg/l	80.8	89.3	37.6	19.2	9.0
Nitrate (as N)	10	mg/l	0.09	0.15	0.55	0.050 U	0.096
Nitrite (as N)	1	mg/l	0.02 J	0.050 U	< 0.050 U	0.36	0.050 U
Nitrite-Nitrate Nitrogen	NS	mg/l	---	---	---	---	---
Sulfate	250	mg/l	105	109	69.5	46.1	66.1
Total Sulfides	NS	mg/l	1.0 U	1.0 U	< 1.0 U	1.0 U	1.0 U
Total Organic Carbon, Filtered	NS	mg/l	6.3	5.5	4.7	4.8	14.1
pH	NS	STD u	---	---	---	---	---

NOTES:
U - not detected, J - estimated, D - Diluted Result, B - analyte was detected in the method blank
R - unusable, NS - no standard, Dup - duplicate sample, --- Not Analyzed
H - Sample analyzed beyond the specified holding time
[ ] - Exceeds NYS Class GA Ground Water Quality Standard
Data have note been validated

RAMBOLL

Table 5
Groundwater Data - Geochemical
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW STds (mg/l)	Location ID Depth Interval Sample Date Sample ID units	MW-07DD - 11/16/2005 MW-7DD_11162005 mg/l	MW-07DD - 11/15/2006 MW-7DD(2)_1115200(mg/l	MW-07DD - 10/31/2007 MW 7-DD 2-103107 mg/l	MW-07DD - 11/20/2008 MW 7-DD 2-112008 mg/l
Alkalinity (As Caco3)	NS	mg/l	300	310	270	200
Chloride	250	mg/l	99	130	83	82
Nitrate (as N)	10	mg/l	0.05 U	0.1 U	0.1	0.37
Nitrite (as N)	1	mg/l	0.05 U	0.1 U	0.1	0.1 U
Nitrite-Nitrate Nitrogen	NS	mg/l	---	---	---	---
Sulfate	250	mg/l	[540] E	170	[390]	78
Total Sulfides	NS	mg/l	0.8	0.8 U	1	1 U
Total Organic Carbon, Filtered	NS	mg/l	3.6	23	3.7	3.7
pH	NS	STD u	---	---	---	---

NOTES:
U - not detected, J - estimated, D - Diluted Result, B - analyte was detected in the method blank
R - unusable, NS - no standard, Dup - duplicate sample, --- Not Analyzed
H - Sample analyzed beyond the specified holding time
[ ] - Exceeds NYS Class GA Ground Water Quality Standard
Data have note been validated

RAMBOLL

Table 5
Groundwater Data - Geochemical
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW STds (mg/l)	Location ID Depth Interval Sample Date Sample ID units	MW-07DD 10/20/2009 MW-7DD-10202009 mg/l	MW-07DD 05/17/2010 *N*-7DD-051710051720 mg/l	MW-07DD - 01/18/2011 MW-7DD-01182011 mg/l	MW-07DD - 4/19/2011 MW-7DD-041911 mg/l
Alkalinity (As Caco3)	NS	mg/l	350 D,B	314 B	224	205 B
Chloride	250	mg/l	122 D	151	100	[258] B
Nitrate (as N)	10	mg/l	0.05 U	0.017 J	0.05 U	0.29
Nitrite (as N)	1	mg/l	0.05 U	0.05 U	0.05 U	0.05 U
Nitrite-Nitrate Nitrogen	NS	mg/l	---	---	---	---
Sulfate	250	mg/l	[331] D	[261]	[473] B	124
Total Sulfides	NS	mg/l	0.7 D	0.736	0.074 J	0.1 U
Total Organic Carbon, Filtered	NS	mg/l	3.2	5.4	5.3	8.6
pH	NS	STD u	---		---	---

NOTES:
U - not detected, J - estimated, D - Diluted Result, B - analyte was detected in the method blank
R - unusable, NS - no standard, Dup - duplicate sample, --- Not Analyzed
H - Sample analyzed beyond the specified holding time
[ ] - Exceeds NYS Class GA Ground Water Quality Standard
Data have note been validated

RAMBOLL

Table 5
Groundwater Data - Geochemical
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW STds (mg/l)	Location ID Depth Interval Sample Date Sample ID units	MW-07DD - 7/27/2011 MW-7DD(2)072711 mg/l	MW-07DD - 10/26/2011 MW7DD102611 mg/l	MW-07DD - 3/21/2012 MW7DD032112 mg/l	MW-7DD - 8/8/2012 MW7DD080812 mg/l
Alkalinity (As Caco3)	NS	mg/l	326 B	262	---	360
Chloride	250	mg/l	158	78.1	76.4 B	142
Nitrate (as N)	10	mg/l	0.05 U	0.05 U	0.05 U	0.05 U
Nitrite (as N)	1	mg/l	0.05 U	0.05 U	0.05 U	0.05 U
Nitrite-Nitrate Nitrogen	NS	mg/l	---	---	---	---
Sulfate	250	mg/l	[318]	[433]	---	[384]
Total Sulfides	NS	mg/l	0.17 R 0.17 H	0.1 U	0.1 U	1.9
Total Organic Carbon, Filtered	NS	mg/l	4.4	3.9	4.6	2.4
pH	NS	STD u	---	---	---	---

NOTES:
U - not detected, J - estimated, D - Diluted Result, B - analyte was detected in the method blank
R - unusable, NS - no standard, Dup - duplicate sample, --- Not Analyzed
H - Sample analyzed beyond the specified holding time
[ ] - Exceeds NYS Class GA Ground Water Quality Standard
Data have note been validated

RAMBOLL

Table 5
Groundwater Data - Geochemical
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW STds (mg/l)	Location ID Depth Interval Sample Date Sample ID units	MW-7DD - 12/18/2012 MW-7DD-121812 mg/l	X-1 - 12/18/2012 MW-7DD-121812 mg/l	MW-7DD - 5/23/2013 MW-7DD-052313 mg/l	MW-7DD - 8/20/2013 MW-7DD-082013 mg/l
Alkalinity (As Caco3)	NS	mg/l	232	263	314	304 B
Chloride	250	mg/l	128 B	118 B	90.3	94.3 B
Nitrate (as N)	10	mg/l	0.04 J	0.049 J	0.05 U	0.05 U
Nitrite (as N)	1	mg/l	0.05 U	0.05 U	0.05 U	0.05 U
Nitrite-Nitrate Nitrogen	NS	mg/l	---	---	---	---
Sulfate	250	mg/l	[523]	[514]	[457]	[432]
Total Sulfides	NS	mg/l	0.88	0.95	0.5	2.5
Total Organic Carbon, Filtered	NS	mg/l	3.5	3.7	4.6	4.7
pH	NS	STD u	---	---	---	---

NOTES:
U - not detected, J - estimated, D - Diluted Result, B - analyte was detected in the method blank
R - unusable, NS - no standard, Dup - duplicate sample, --- Not Analyzed
H - Sample analyzed beyond the specified holding time
[ ] - Exceeds NYS Class GA Ground Water Quality Standard
Data have note been validated

RAMBOLL

Table 5
Groundwater Data - Geochemical
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW STds (mg/l)	Location ID Depth Interval Sample Date Sample ID units	MW-7DD - 12/17/2013 MW-7DD-121713 mg/l	MW-7DD - 3/26/2014 MW-7DD-032614 mg/l	MW-7DD-061114 - 6/11/2014 MW-7DD-061115 mg/L	MW-7DD - 9/24/2014 MW7DD092414 mg/l
Alkalinity (As Caco3)	NS	mg/l	310	309	314 B	359
Chloride	250	mg/l	114 B	107	56.8	61.6
Nitrate (as N)	10	mg/l	0.05 U	0.05 U	0.05 U	0.05 U
Nitrite (as N)	1	mg/l	0.05 U	0.05 U	0.05 U	0.05 U
Nitrite-Nitrate Nitrogen	NS	mg/l	---	---	---	---
Sulfate	250	mg/l	[473]	[537]	[305]	[643]
Total Sulfides	NS	mg/l	0.26	0.26	0.19	0.1 U
Total Organic Carbon, Filtered	NS	mg/l	4.6	5.9	4.9	4.3
pH	NS	STD u	---	---	---	---

NOTES:
U - not detected, J - estimated, D - Diluted Result, B - analyte was detected in the method blank
R - unusable, NS - no standard, Dup - duplicate sample, --- Not Analyzed
H - Sample analyzed beyond the specified holding time
[ ] - Exceeds NYS Class GA Ground Water Quality Standard
Data have note been validated

RAMBOLL

Table 5
Groundwater Data - Geochemical
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW STds (mg/l)	Location ID Depth Interval Sample Date Sample ID units	MW-7DD - 4/12/2017 MW7DD041217 mg/l	MW-7DD - 9/13/2017 MW7DD09132017 mg/l	MW-7DD - 9/18/2018 MW7DD091818 mg/l	MW-7DD - 3/19/2019 MW7DD031919 mg/l
Alkalinity (As Caco3)	NS	mg/l	207	240 B	295 B	199 B
Chloride	250	mg/l	35.1	42.2	93.4	45.9
Nitrate (as N)	10	mg/l	0.38	0.033 J	0.050 U	0.05 U
Nitrite (as N)	1	mg/l	0.05	0.05 U	0.050 U	0.05 U
Nitrite-Nitrate Nitrogen	NS	mg/l	---	---	---	---
Sulfate	250	mg/l	75.1	[400]	[429]	[428]
Total Sulfides	NS	mg/l	0.34	0.09 J	0.090 JH	0.1 UH*
Total Organic Carbon, Filtered	NS	mg/l	2.8	5.4 B	5.3 B	3.8 B
pH	NS	STD u	---	---	---	---

NOTES:
U - not detected, J - estimated, D - Diluted Result, B - analyte was detected in the method blank
R - unusable, NS - no standard, Dup - duplicate sample, --- Not Analyzed
H - Sample analyzed beyond the specified holding time
[ ] - Exceeds NYS Class GA Ground Water Quality Standard
Data have note been validated

RAMBOLL

Table 5
Groundwater Data - Geochemical
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW STds (mg/l)	Location ID Depth Interval Sample Date Sample ID units	MW-7DD - 9/24/2019 MW-7DD-092419 mg/L	MW-07DD - 3/18/2020 MW 7DD 031820 mg/L	MW-07DD - 9/24/2020 MW 7DD 092420 mg/L	MW-07DD 3/24/2021 MW7DD(2)032421 mg/l
Alkalinity (As Caco3)	NS	mg/l	228	215	284	205
Chloride	250	mg/l	29.3	29.1	54.7	49.2
Nitrate (as N)	10	mg/l	0.070	0.2	0.05 U	0.050 U
Nitrite (as N)	1	mg/l	0.050 B	0.045 JB	0.021 J	0.050 U
Nitrite-Nitrate Nitrogen	NS	mg/l	---	---	---	---
Sulfate	250	mg/l	413	85	397	[472]
Total Sulfides	NS	mg/l	1.0 U	1.0 U	1.0 U	1.0 UH
Total Organic Carbon, Filtered	NS	mg/l	8.9	4.2	4.9	4.1
pH	NS	STD u	---	---	---	---

NOTES:
U - not detected, J - estimated, D - Diluted Result, B - analyte was detected in the method blank
R - unusable, NS - no standard, Dup - duplicate sample, --- Not Analyzed
H - Sample analyzed beyond the specified holding time
[ ] - Exceeds NYS Class GA Ground Water Quality Standard
Data have note been validated

RAMBOLL

Table 5
Groundwater Data - Geochemical
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW STds (mg/l)	Location ID Depth Interval Sample Date Sample ID units	MW-07DD 9/23/2021 MW7DD 092321 mg/l	MW-07DD 3/23/2022 MW7DD 032222 mg/l	MW-07DD 9/28/2022 MW7DD 092822 mg/L
Alkalinity (As Caco3)	NS	mg/l	237	214	254
Chloride	250	mg/l	59.4	32.3	43.3
Nitrate (as N)	10	mg/l	0.063	0.050 U	0.050 U
Nitrite (as N)	1	mg/l	0.028 J	0.23	0.050 U
Nitrite-Nitrate Nitrogen	NS	mg/l	--	---	---
Sulfate	250	mg/l	[451]	122	[302]
Total Sulfides	NS	mg/l	< 1.0 U	1.0 U	1.0 U
Total Organic Carbon, Filtered	NS	mg/l	5.6	4.9	38.2
pH	NS	STD u	--	---	---

NOTES:
U - not detected, J - estimated, D - Diluted Result, B - analyte was detected in the method blank
R - unusable, NS - no standard, Dup - duplicate sample, --- Not Analyzed
H - Sample analyzed beyond the specified holding time
[ ] - Exceeds NYS Class GA Ground Water Quality Standard
Data have note been validated

RAMBOLL

Table 5
Groundwater Data - Geochemical
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW STds (mg/l)	Location ID / Depth Interval / Sample Date / Sample ID	units	MW-08S - 2/18/2000 MW-08S_WG_021800	MW-08S - 8/16/2001 MW-08S_WG_081601	MW-08S - 11/28/2001 MW-08S_WG_112801	MW-08S - 2/25/2002 MW-08S_WG_022502
			mg/l	mg/l	mg/l	mg/l	mg/l
Alkalinity (As Caco3)	NS		mg/l	240	190	190	190
Chloride	250		mg/l	19	54	13	13
Nitrate (as N)	10		mg/l	0.05 U	0.05 U	0.05 U	0.05 U
Nitrite (as N)	1		mg/l	0.05 U	0.05 U	0.05 U	0.05 U
Nitrite-Nitrate Nitrogen	NS		mg/l	0.05 U	0.05 U	0.05 U	0.05 U
Sulfate	250		mg/l	7.5 U	100	110	92
Total Sulfides	NS		mg/l	0.2 U	0.2 U	0.2 U	0.2 U
Total Organic Carbon, Filtered	NS		mg/l	2	4	4	2
pH	NS		STD u	7.4	---	---	---

NOTES:
U - not detected, J - estimated, D - Diluted Result, B - analyte was detected in the method blank
R - unusable, NS - no standard, Dup - duplicate sample, --- Not Analyzed
H - Sample analyzed beyond the specified holding time
[ ] - Exceeds NYS Class GA Ground Water Quality Standard
Data have note been validated

RAMBOLL

Table 5
Groundwater Data - Geochemical
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW STds (mg/l)	Location ID Depth Interval Sample Date Sample ID units	MW-08S - 5/16/2002 MW-08S_WG_051602 mg/l	MW-08S - 11/16/2004 MW-08S_WG_111604 mg/l	MW-08S - 11/16/2005 MW-8S_11162005 mg/l	MW-08S - 11/15/2006 MW-8S_11152006 mg/l
Alkalinity (As Caco3)	NS	mg/l	190	190	170	190
Chloride	250	mg/l	12	12	7.4	6.1
Nitrate (as N)	10	mg/l	0.05 U	0.05 U	0.074	0.2
Nitrite (as N)	1	mg/l	0.05 U	0.0072 J	0.05 U	0.1 U
Nitrite-Nitrate Nitrogen	NS	mg/l	0.05 U	0.05 U	---	---
Sulfate	250	mg/l	61	130	74	65
Total Sulfides	NS	mg/l	0.2 U	0.40 J	0.60 J	0.8 U
Total Organic Carbon, Filtered	NS	mg/l	1	3.4	3.9	30
pH	NS	STD u	---	---	---	---

NOTES:
U - not detected, J - estimated, D - Diluted Result, B - analyte was detected in the method blank
R - unusable, NS - no standard, Dup - duplicate sample, --- Not Analyzed
H - Sample analyzed beyond the specified holding time
[ ] - Exceeds NYS Class GA Ground Water Quality Standard
Data have note been validated

RAMBOLL

Table 5
Groundwater Data - Geochemical
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW STds (mg/l)	Location ID Depth Interval Sample Date Sample ID units	MW-08S - 11/1/2007 MW8-S-110107 mg/l	MW-08S - 11/18/2008 MW8-S-111808 mg/l	MW-08S - 10/20/2009 MW-8S-10202009 mg/l	MW-08S - 05/18/2010 W-8S-0518100518201 mg/l
Alkalinity (As Caco3)	NS	mg/l	200	150	170 D,B	196 B
Chloride	250	mg/l	10	5.6	9.29	10.5
Nitrate (as N)	10	mg/l	0.82	0.45	0.058	0.745
Nitrite (as N)	1	mg/l	0.1	0.04 U	0.05 U	0.05 U
Nitrite-Nitrate Nitrogen	NS	mg/l	---	---	---	---
Sulfate	250	mg/l	120	65	61.2 D	43.5
Total Sulfides	NS	mg/l	1	1 U	0	0.002 U
Total Organic Carbon, Filtered	NS	mg/l	3.6	3.2	1.4	2.7
pH	NS	STD u	---	---	---	

NOTES:
U - not detected, J - estimated, D - Diluted Result, B - analyte was detected in the method blank
R - unusable, NS - no standard, Dup - duplicate sample, --- Not Analyzed
H - Sample analyzed beyond the specified holding time
[ ] - Exceeds NYS Class GA Ground Water Quality Standard
Data have note been validated

RAMBOLL

Table 5
Groundwater Data - Geochemical
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW STds (mg/l)	Location ID Depth Interval Sample Date Sample ID units	MW-08S - 01/18/2011 MW-8S-01182011 mg/l	MW-08S - 4/19/2011 MW-8S-041911 mg/l	MW-08S - 7/27/2011 MW-8S072711 mg/l	MW-08S - 10/25/2011 MW8S102511 mg/l
Alkalinity (As Caco3)	NS	mg/l	186 B	152 B	238 B	166
Chloride	250	mg/l	13.7	38.9 ^B	47.7	17.7
Nitrate (as N)	10	mg/l	0.05 U	0.15	0.026 J	0.21
Nitrite (as N)	1	mg/l	0.05 U	0.05 U	0.05 U	0.05 U
Nitrite-Nitrate Nitrogen	NS	mg/l	---	---	---	---
Sulfate	250	mg/l	108 B	41.6	152	78.4
Total Sulfides	NS	mg/l	0.1 U	0.1 U	0.1 UH	0.063 J
Total Organic Carbon, Filtered	NS	mg/l	2.9	1.8	2.5	3
pH	NS	STD u	---	---	---	---

NOTES:
U - not detected, J - estimated, D - Diluted Result, B - analyte was detected in the method blank
R - unusable, NS - no standard, Dup - duplicate sample, --- Not Analyzed
H - Sample analyzed beyond the specified holding time
[ ] - Exceeds NYS Class GA Ground Water Quality Standard
Data have note been validated

RAMBOLL

Table 5
Groundwater Data - Geochemical
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW STds (mg/l)	Location ID Depth Interval Sample Date Sample ID units	MW-08S - 3/21/2012 MW8S032112 mg/l	MW-8S - 8/8/2012 MW8S080812 mg/l	MW-8S - 12/18/2012 MW-8S-121812 mg/l	MW-8S - 5/22/2013 MW-8S-052313 mg/l
Alkalinity (As Caco3)	NS	mg/l	---	214	139	278
Chloride	250	mg/l	23.6	16.8	8.1 B	25.5 B
Nitrate (as N)	10	mg/l	0.05 U	0.05 U	0.12	0.05 U
Nitrite (as N)	1	mg/l	0.05 U	0.05 U	0.05 U	0.05 U
Nitrite-Nitrate Nitrogen	NS	mg/l	---	---	---	---
Sulfate	250	mg/l	---	120	73.8	123
Total Sulfides	NS	mg/l	0.1 U	0.1 U	0.1 U	0.1 U
Total Organic Carbon, Filtered	NS	mg/l	1.0 U	1.3	2.6	2.7
pH	NS	STD u	---	---	---	---

NOTES:
U - not detected, J - estimated, D - Diluted Result, B - analyte was detected in the method blank
R - unusable, NS - no standard, Dup - duplicate sample, --- Not Analyzed
H - Sample analyzed beyond the specified holding time
[ ] - Exceeds NYS Class GA Ground Water Quality Standard
Data have note been validated

Table 5
Groundwater Data - Geochemical
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW STds (mg/l)	Location ID Depth Interval Sample Date Sample ID units	MW-8S - 8/20/2013 MW-8S-082013 mg/l	X-1-082013 - 12/18/2012 MW-8S-082013 mg/l	MW-8S - 12/17/2013 MW-8S-121713 mg/l	MW-8S - 3/26/2014 MW-8S-032614 mg/l
Alkalinity (As Caco3)	NS	mg/l	245 B	228 B	213	147
Chloride	250	mg/l	13.2 B	13.5 B	11.4 B	10.3
Nitrate (as N)	10	mg/l	0.05 U	0.05 U	0.05 U	0.098
Nitrite (as N)	1	mg/l	0.05 U	0.05 U	0.05 U	0.022 JB
Nitrite-Nitrate Nitrogen	NS	mg/l	---	---	---	---
Sulfate	250	mg/l	90.9	95.6	76.4	38.6
Total Sulfides	NS	mg/l	0.1 U	0.1 U	0.1 U	0.1 U
Total Organic Carbon, Filtered	NS	mg/l	2.6	2.4	2.6	1.9
pH	NS	STD u	---	---	---	---

NOTES:
U - not detected, J - estimated, D - Diluted Result, B - analyte was detected in the method blank
R - unusable, NS - no standard, Dup - duplicate sample, --- Not Analyzed
H - Sample analyzed beyond the specified holding time
[ ] - Exceeds NYS Class GA Ground Water Quality Standard
Data have note been validated

RAMBOLL

Table 5
Groundwater Data - Geochemical
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW STds (mg/l)	Location ID Depth Interval Sample Date Sample ID units	MW-8S - 6/11/2014 MW-8S-061114 mg/l	MW-ID-060914 - 6/9/2014 MW-ID-060914 mg/l	X-1-061014 - 6/10/2014 X-1-061014 mg/l	MW-8S - 9/24/2014 MW8S092414 mg/l
Alkalinity (As Caco3)	NS	mg/l	312	374	239	256 B
Chloride	250	mg/l	6	[369]	[362]	11.4 B
Nitrate (as N)	10	mg/l	0.09	0.05 U	0.05 U	0.029 J
Nitrite (as N)	1	mg/l	0.05 U	0.05 U	0.05 U	0.05 U
Nitrite-Nitrate Nitrogen	NS	mg/l	---	---	---	---
Sulfate	250	mg/l	42.8	[258]	241	81.5
Total Sulfides	NS	mg/l	0.1 U	0.098 J	0.079 J	0.1 U
Total Organic Carbon, Filtered	NS	mg/l	2.8	5.6	3	2.7
pH	NS	STD u	---	---	---	---

NOTES:
U - not detected, J - estimated, D - Diluted Result, B - analyte was detected in the method blank
R - unusable, NS - no standard, Dup - duplicate sample, --- Not Analyzed
H - Sample analyzed beyond the specified holding time
[ ] - Exceeds NYS Class GA Ground Water Quality Standard
Data have note been validated

RAMBOLL

Table 5
Groundwater Data - Geochemical
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW STds (mg/l)	Location ID Depth Interval Sample Date Sample ID units	MW-8S - 4/12/2017 MW8S041217 mg/l	MW-8S - 9/13/2017 MW8S091317 mg/l	MW-8S - 9/18/2018 MW8S091818 mg/l	MW-8S - 3/19/2019 MW8S031919 mg/l
Alkalinity (As Caco3)	NS	mg/l	170	205 B	201 B	130 B
Chloride	250	mg/l	5.4	6.5	13.4	6
Nitrate (as N)	10	mg/l	0.067	0.091	0.19	0.17
Nitrite (as N)	1	mg/l	0.05	0.05 U	0.050 U	0.05 U
Nitrite-Nitrate Nitrogen	NS	mg/l	---	---	---	---
Sulfate	250	mg/l	60	61.7	97.8	35.3
Total Sulfides	NS	mg/l	0.06 J	0.1 U F1	0.10 UH	0.1 UH* F1 F2
Total Organic Carbon, Filtered	NS	mg/l	1.4	2.6 B	2.2 B	1.2 B
pH	NS	STD u	---	---	---	---

NOTES:
U - not detected, J - estimated, D - Diluted Result, B - analyte was detected in the method blank
R - unusable, NS - no standard, Dup - duplicate sample, --- Not Analyzed
H - Sample analyzed beyond the specified holding time
[ ] - Exceeds NYS Class GA Ground Water Quality Standard
Data have note been validated

RAMBOLL

Table 5
Groundwater Data - Geochemical
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW STds (mg/l)	Location ID Depth Interval Sample Date Sample ID units	MW-08S - 9/24/2019 MW-8S-092419 mg/ L	MW-08S - 3/18/2020 MW-8S 031720 mg/ L	MW-08S - 9/24/2020 MW-8S 092420 mg/ L	MW-08S 3/25/2021 MW8S032521 mg/l
Alkalinity (As Caco3)	NS	mg/l	232	204 B	264	208
Chloride	250	mg/l	6.4	8.9	22.1	8.5
Nitrate (as N)	10	mg/l	0.031 J	0.05 U	0.11	0.050 U
Nitrite (as N)	1	mg/l	0.050 U	0.049 JB	0.046 J	0.050 U
Nitrite-Nitrate Nitrogen	NS	mg/l	---	---	---	---
Sulfate	250	mg/l	55.1	63.8	95.2	70.7
Total Sulfides	NS	mg/l	1.0 U	1.0 U	1.0 U	1.0 U
Total Organic Carbon, Filtered	NS	mg/l	2.7	3.1	2.6	2.5
pH	NS	STD u	---	---	---	---

NOTES:
U - not detected, J - estimated, D - Diluted Result, B - analyte was detected in the method blank
R - unusable, NS - no standard, Dup - duplicate sample, --- Not Analyzed
H - Sample analyzed beyond the specified holding time
[ ] - Exceeds NYS Class GA Ground Water Quality Standard
Data have note been validated

RAMBOLL

Table 5
Groundwater Data - Geochemical
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW STds (mg/l)	Location ID Depth Interval Sample Date Sample ID units	MW-08S 9/22/2021 MW8S 092221 mg/l	MW-08S 3/23/2022 MW8S 032222 mg/l	MW-08S 9/28/2022 MW8S 092822 mg/L	MW-08S 9/28/2022 X-1 092822 mg/L
Alkalinity (As Caco3)	NS	mg/l	197 B	158	214	221
Chloride	250	mg/l	8.4	5.1	4.5	4.6
Nitrate (as N)	10	mg/l	0.11	0.050 U	0.031 J	0.021 J
Nitrite (as N)	1	mg/l	< 0.050 U	0.090	0.050 U	0.050 U
Nitrite-Nitrate Nitrogen	NS	mg/l	---	---	---	---
Sulfate	250	mg/l	59.4	39.1	61.5	61.6
Total Sulfides	NS	mg/l	< 1.0 U	1.0 U	1.0 U	1.0 U
Total Organic Carbon, Filtered	NS	mg/l	3.2	2.1	5.1	5.1
pH	NS	STD u	---	---	---	---

NOTES:
U - not detected, J - estimated, D - Diluted Result, B - analyte was detected in the method blank
R - unusable, NS - no standard, Dup - duplicate sample, --- Not Analyzed
H - Sample analyzed beyond the specified holding time
[ ] - Exceeds NYS Class GA Ground Water Quality Standard
Data have note been validated

Table 5
Groundwater Data - Geochemical
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW Stds (mg/l)	Location ID / Depth Interval / Sample Date / Sample ID	units	MW-08D - 2/18/2000 MW-08D_WG_021800	MW-08D - 8/16/2001 MW-08D_WG_081601	MW-08D - 11/28/2001 MW-08D_WG_112801	MW-08D - 2/25/2002 MW-08D_WG_022502
			mg/l	mg/l	mg/l	mg/l	mg/l
Alkalinity (As Caco3)	NS		mg/l	330	300	330	310
Chloride	250		mg/l	150	190	190	180
Nitrate (as N)	10		mg/l	0.05 U	0.05 U	0.05 U	0.05 U
Nitrite (as N)	1		mg/l	0.05 U	0.05 U	0.05 U	0.05 U
Nitrite-Nitrate Nitrogen	NS		mg/l	0.05 U	0.05 U	0.05 U	0.05 U
Sulfate	250		mg/l	7.5 U	240	[250]	[260]
Total Sulfides	NS		mg/l	0.2 U	0.2	0.2 U	0.2 U
Total Organic Carbon, Filtered	NS		mg/l	1	7	2	3
pH	NS		STD u	7.2	---	---	---

NOTES:
U - not detected, J - estimated, D - Diluted Result, B - analyte was detected in the method blank
R - unusable, NS - no standard, Dup - duplicate sample, --- Not Analyzed
H - Sample analyzed beyond the specified holding time
[ ] - Exceeds NYS Class GA Ground Water Quality Standard
Data have note been validated

RAMBOLL

Table 5
Groundwater Data - Geochemical
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW Stds (mg/l)	Location ID / Depth Interval / Sample Date / Sample ID / units	MW-08D - 5/16/2002 MW-08D_WG_051602 mg/l	MW-08D - 11/16/2004 MW-08D_WG_111604 mg/l	MW-08D - 11/16/2005 MW-8D_11162005 mg/l	MW-08D - 11/15/2006 MW-8D_11152006 mg/l
Alkalinity (As Caco3)	NS	mg/l	310	280	280	260
Chloride	250	mg/l	170	[530]	210	140
Nitrate (as N)	10	mg/l	0.05 U	0.05 U	0.05 U	0.1 U
Nitrite (as N)	1	mg/l	0.05 U	0.0042 J	0.05 U	0.1 U
Nitrite-Nitrate Nitrogen	NS	mg/l	0.05 U	0.05 U	---	---
Sulfate	250	mg/l	240	[280]	[260] E	240
Total Sulfides	NS	mg/l	0.2 U	0.40 J	0.60 J	0.8 U
Total Organic Carbon, Filtere	NS	mg/l	4	3.7	3.9	34
pH	NS	STD u	---	---	---	---

NOTES:
U - not detected, J - estimated, D - Diluted Result, B - analyte was detected in the method blank
R - unusable, NS - no standard, Dup - duplicate sample, --- Not Analyzed
H - Sample analyzed beyond the specified holding time
[ ] - Exceeds NYS Class GA Ground Water Quality Standard
Data have note been validated

RAMBOLL

Table 5
Groundwater Data - Geochemical
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW Stds (mg/l)	Location ID Depth Interval Sample Date Sample ID units	MW-08D - 11/1/2007 MW8-D-110107 mg/l	MW-08D - 11/18/2008 MW8-D-111808 mg/l	MW-08D 10/20/2009 MW-8D-10202009 mg/l	MW-08D - 5/18/2010 W-8D-0518100518201 mg/l
Alkalinity (As Caco3)	NS	mg/l	260	260	245 D,B	280 B
Chloride	250	mg/l	[270]	180	81 D,B	66.3
Nitrate (as N)	10	mg/l	0.1	0.1 U	0.05 U	0.087
Nitrite (as N)	1	mg/l	0.1	0.1 U	0.05 U	0.05 U
Nitrite-Nitrate Nitrogen	NS	mg/l	---	---	---	---
Sulfate	250	mg/l	[270]	[250]	166 D	149
Total Sulfides	NS	mg/l	1	1 U	0	0.002 U
Total Organic Carbon, Filtere	NS	mg/l	4.5	35	1.7	3.4
pH	NS	STD u	---	---	---	---

NOTES:
U - not detected, J - estimated, D - Diluted Result, B - analyte was detected in the method blank
R - unusable, NS - no standard, Dup - duplicate sample, --- Not Analyzed
H - Sample analyzed beyond the specified holding time
[ ] - Exceeds NYS Class GA Ground Water Quality Standard
Data have note been validated

Table 5
Groundwater Data - Geochemical
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW Stds (mg/l)	Location ID Depth Interval Sample Date Sample ID units	MW-08D - 1/19/2011 MW-8D-01192011 mg/l	MW-08D - 4/19/2011 MW-8D-041911 mg/l	MW-08D - 7/27/2011 MW-8D072711 mg/l	MW-08D - 10/25/2011 MW8D102511 mg/l
Alkalinity (As Caco3)	NS	mg/l	259 B	244 B	259 B	267
Chloride	250	mg/l	80.7	83.1	71.5	92
Nitrate (as N)	10	mg/l	0.05 U	0.05 U	0.05 U	0.05 U
Nitrite (as N)	1	mg/l	0.05 U	0.05 U	0.05 U	0.05 U
Nitrite-Nitrate Nitrogen	NS	mg/l	---	---	---	---
Sulfate	250	mg/l	153 B	146	157	144
Total Sulfides	NS	mg/l	0.089 J	0.15	0.1 UH	0.24
Total Organic Carbon, Filtered	NS	mg/l	3.8	3.3	4.3	3.9
pH	NS	STD u	---	---	---	---

NOTES:
U - not detected, J - estimated, D - Diluted Result, B - analyte was detected in the method blank
R - unusable, NS - no standard, Dup - duplicate sample, --- Not Analyzed
H - Sample analyzed beyond the specified holding time
[ ] - Exceeds NYS Class GA Ground Water Quality Standard
Data have note been validated

RAMBOLL

Table 5
Groundwater Data - Geochemical
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW Stds (mg/l)	Location ID Depth Interval Sample Date Sample ID units	MW-08D - 3/21/2012 MW8D032112 mg/l	MW-8D - 8/8/2012 MW8D080812 mg/l	MW-8D - 12/18/2012 MW-8D-121812 mg/l	MW-8D - 5/22/2013 MW-8D-052213 mg/l
Alkalinity (As Caco3)	NS	mg/l	---	270	203	269
Chloride	250	mg/l	71 B	80.3	72.9 B	66.5 B
Nitrate (as N)	10	mg/l	0.05 U	0.05 U	0.022 J	0.05 U
Nitrite (as N)	1	mg/l	0.05 U	0.05 U	0.05 U	0.05 U
Nitrite-Nitrate Nitrogen	NS	mg/l	---	---	---	---
Sulfate	250	mg/l	---	128	132	131
Total Sulfides	NS	mg/l	0.24	0.17	0.22	0.1 U
Total Organic Carbon, Filtered	NS	mg/l	3.8	1.5	2.7	3.8
pH	NS	STD u	---	---	---	---

NOTES:
U - not detected, J - estimated, D - Diluted Result, B - analyte was detected in the method blank
R - unusable, NS - no standard, Dup - duplicate sample, --- Not Analyzed
H - Sample analyzed beyond the specified holding time
[ ] - Exceeds NYS Class GA Ground Water Quality Standard
Data have note been validated

Table 5
Groundwater Data - Geochemical
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW Stds (mg/l)	Location ID Depth Interval Sample Date Sample ID units	MW-8D - 8/20/2013 MW-8D-082013 mg/l	MW-8D - 12/17/2013 MW-8D-121713 mg/l	MW-8D - 3/26/2014 MW-8D-032614 mg/l	X-1 - 3/26/2014 MW-8D-032614 mg/l
Alkalinity (As Caco3)	NS	mg/l	253 B	234	266	281
Chloride	250	mg/l	60.4 B	56.1 B	62.4	59.3
Nitrate (as N)	10	mg/l	0.05 U	0.05 U	0.042 J	0.046 J
Nitrite (as N)	1	mg/l	0.05 U	0.05 U	0.05 U	0.022 JB
Nitrite-Nitrate Nitrogen	NS	mg/l	---	---	---	---
Sulfate	250	mg/l	130	108	131	132
Total Sulfides	NS	mg/l	0.19	0.23	0.15	0.11
Total Organic Carbon, Filtere	NS	mg/l	3.2	3.6	4.5	4.5
pH	NS	STD u	---	---	---	---

NOTES:
U - not detected, J - estimated, D - Diluted Result, B - analyte was detected in the method blank
R - unusable, NS - no standard, Dup - duplicate sample, --- Not Analyzed
H - Sample analyzed beyond the specified holding time
[ ] - Exceeds NYS Class GA Ground Water Quality Standard
Data have note been validated

RAMBOLL

Table 5
Groundwater Data - Geochemical
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW Stds (mg/l)	Location ID Depth Interval Sample Date Sample ID units	MW-8D - 6/11/2014 MW-8D-061114 mg/l	MW-8D - 9/24/2014 MW8D092414 mg/l	X-1 - 9/24/2014 MW8D092414 mg/l	MW-8D - 4/13/2017 MW8D041317 mg/l
Alkalinity (As Caco3)	NS	mg/l	337	387 B	387 B	323 B
Chloride	250	mg/l	143	234	230	132
Nitrate (as N)	10	mg/l	0.05 U	0.021 J	0.026 J	0.05
Nitrite (as N)	1	mg/l	0.05 U	0.05 U	0.05 U	0.05
Nitrite-Nitrate Nitrogen	NS	mg/l	---	---	---	---
Sulfate	250	mg/l	243	[268]	[265]	184 B
Total Sulfides	NS	mg/l	0.18	0.1 U	0.1 U	1
Total Organic Carbon, Filtered	NS	mg/l	4.5	3.7	3.6	3.3
pH	NS	STD u	---	---	---	---

NOTES:
U - not detected, J - estimated, D - Diluted Result, B - analyte was detected in the method blank
R - unusable, NS - no standard, Dup - duplicate sample, --- Not Analyzed
H - Sample analyzed beyond the specified holding time
[ ] - Exceeds NYS Class GA Ground Water Quality Standard
Data have note been validated

Table 5
Groundwater Data - Geochemical
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW Stds (mg/l)	Location ID Depth Interval Sample Date Sample ID units	MW-8D - 9/13/2017 MW8D091317 mg/l	MW-8D - 9/18/2018 MW8D091818 mg/l	MW-8D - 3/19/2019 MW8D031919 mg/l	MW-08D - 9/24/2019 MW-8D-092419 mg/L
Alkalinity (As Caco3)	NS	mg/l	292 B	292 B	264 B	306
Chloride	250	mg/l	369	[333]	101	[304]
Nitrate (as N)	10	mg/l	0.05 U H	0.050 UH	0.05 U	0.045 J
Nitrite (as N)	1	mg/l	0.05 U H	0.050 UH	0.05 U	0.050 U
Nitrite-Nitrate Nitrogen	NS	mg/l	---	---	---	---
Sulfate	250	mg/l	226	225 B	121	218
Total Sulfides	NS	mg/l	0.13	0.070 JHF1	0.38 H	1.0 U
Total Organic Carbon, Filtere	NS	mg/l	3.9 B	2.9 B	4 B	3.6
pH	NS	STD u	---	---	---	---

NOTES:
U - not detected, J - estimated, D - Diluted Result, B - analyte was detected in the method blank
R - unusable, NS - no standard, Dup - duplicate sample, --- Not Analyzed
H - Sample analyzed beyond the specified holding time
[ ] - Exceeds NYS Class GA Ground Water Quality Standard
Data have note been validated

RAMBOLL

Table 5
Groundwater Data - Geochemical
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW Stds (mg/l)	Location ID Depth Interval Sample Date Sample ID units	MW-08D - 3/18/2020 MW 8 D 031720 mg/L	MW-08D - 9/23/2020 MW 8 D 092320 mg/L	MW-08D 3/25/2021 MW8D032521 mg/l	MW-08D 9/22/2021 MW8D 092221 mg/l
Alkalinity (As Caco3)	NS	mg/l	288	328 B	303	298
Chloride	250	mg/l	93.6	[351]	[305]	166
Nitrate (as N)	10	mg/l	0.023 J	0.05 U	0.050 U	< 0.050 U
Nitrite (as N)	1	mg/l	0.05 U	0.05 U	0.050 U	< 0.050 U
Nitrite-Nitrate Nitrogen	NS	mg/l	---	---	---	--
Sulfate	250	mg/l	119	244	248	163
Total Sulfides	NS	mg/l	0.8 J	1.0 U	1.0 U	< 1.0 U
Total Organic Carbon, Filtere	NS	mg/l	4.4	3.3	4.0	5.2
pH	NS	STD u	---	---	---	--

NOTES:
U - not detected, J - estimated, D - Diluted Result, B - analyte was detected in the method blank
R - unusable, NS - no standard, Dup - duplicate sample, --- Not Analyzed
H - Sample analyzed beyond the specified holding time
[ ] - Exceeds NYS Class GA Ground Water Quality Standard
Data have note been validated

RAMBOLL

Table 5
Groundwater Data - Geochemical
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW Stds (mg/l)	Location ID Depth Interval Sample Date Sample ID units	MW-08D 3/23/2022 MW8D 032222 mg/l	MW-08D 3/23/2022 X-1 - 032222 mg/l	MW-08D 9/28/2022 MW8D 092822 mg/L
Alkalinity (As Caco3)	NS	mg/l	259	265	345
Chloride	250	mg/l	73.5	75.9	[326]
Nitrate (as N)	10	mg/l	0.050 U	0.050 U	0.050 U
Nitrite (as N)	1	mg/l	0.050 U	0.022 J	0.050 U
Nitrite-Nitrate Nitrogen	NS	mg/l	---	---	---
Sulfate	250	mg/l	108	106	[259]
Total Sulfides	NS	mg/l	1.0 U	< 1.0 U	1.0 U
Total Organic Carbon, Filtered	NS	mg/l	4.6	4.8	16.4
pH	NS	STD u	---	---	---

NOTES:
U - not detected, J - estimated, D - Diluted Result, B - analyte was detected in the method blank
R - unusable, NS - no standard, Dup - duplicate sample, --- Not Analyzed
H - Sample analyzed beyond the specified holding time
[ ] - Exceeds NYS Class GA Ground Water Quality Standard
Data have note been validated

RAMBOLL

Table 5
Groundwater Data - Geochemical
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW Stds (mg/l)	Location ID Depth Interval Sample Date Sample ID units	MW-08DD - 11/16/2005 MW-8DD_11162005 mg/l	MW-08DD - 11/15/2006 MW-8DD_11152006 mg/l	MW-08DD - 11/1/2007 MW-8DD-110107 mg/l	MW-08DD - 11/18/2008 MW-08DD_WG_111808 mg/l
Alkalinity (As Caco3)	NS	mg/l	290	270	260	230
Chloride	250	mg/l	220	240	[250]	240
Nitrate (as N)	10	mg/l	0.05 U	0.1 U	0.1	0.1 U
Nitrite (as N)	1	mg/l	0.05 U	0.1 U	0.1	0.1 U
Nitrite-Nitrate Nitrogen	NS	mg/l	---	---	---	---
Sulfate	250	mg/l	[290] E	[310]	[660]	[650]
Total Sulfides	NS	mg/l	0.8	0.8 U	1	1 U
Total Organic Carbon, Filtere	NS	mg/l	3.8	3.7	3	3.4
pH	NS	STD u	---	---	---	---

NOTES:
U - not detected, J - estimated, D - Diluted Result, B - analyte was detected in the method blank
R - unusable, NS - no standard, Dup - duplicate sample, --- Not Analyzed
H - Sample analyzed beyond the specified holding time
[ ] - Exceeds NYS Class GA Ground Water Quality Standard
Data have note been validated

RAMBOLL

Table 5
Groundwater Data - Geochemical
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW Stds (mg/l)	Location ID Depth Interval Sample Date Sample ID units	MW-08DD 10/20/2009 MW-8DD-10202009 mg/l	MW-08DD 05/18/2010 *N*-8DD-051810051820 mg/l	MW-08DD 01/18/2011 MW-8DD-01182011 mg/l	MW-08DD - 4/19/2011 MW-8DD-041911 mg/l
Alkalinity (As Caco3)	NS	mg/l	316 D,B	350 B	223 B	214 B
Chloride	250	mg/l	249 D,B	177	76.8	115 B
Nitrate (as N)	10	mg/l	0.05 U	0.05 U	0.05 U	0.05 U
Nitrite (as N)	1	mg/l	0.05 U	0.05 U	0.05 U	0.05 U
Nitrite-Nitrate Nitrogen	NS	mg/l	---		---	---
Sulfate	250	mg/l	[1080] D	[1200]	178 B	[717]
Total Sulfides	NS	mg/l	0	0.093	0.1 U	0.1 U
Total Organic Carbon, Filtere	NS	mg/l	1.7	3.9	4.6	4.6
pH	NS	STD u			---	---

NOTES:
U - not detected, J - estimated, D - Diluted Result, B - analyte was detected in the method blank
R - unusable, NS - no standard, Dup - duplicate sample, --- Not Analyzed
H - Sample analyzed beyond the specified holding time
[ ] - Exceeds NYS Class GA Ground Water Quality Standard
Data have note been validated

Table 5
Groundwater Data - Geochemical
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW Stds (mg/l)	Location ID Depth Interval Sample Date Sample ID units	MW-08DD - 7/27/2011 MW-8DD072711 mg/l	MW-08DD - 10/25/2011 MW8DD102511 mg/l	MW-08DD - 3/21/2012 MW8DD032112 mg/l	MW-8DD - 8/8/2012 MW8DD080812 mg/l
Alkalinity (As Caco3)	NS	mg/l	273 B	273	---	286
Chloride	250	mg/l	162	141	95.9 B	101
Nitrate (as N)	10	mg/l	0.05 U	0.05 U	0.05 U	0.05 U
Nitrite (as N)	1	mg/l	0.05 U	0.05 U	0.05 U	0.05 U
Nitrite-Nitrate Nitrogen	NS	mg/l	---	---	---	---
Sulfate	250	mg/l	[1050]	[583]	---	[1040]
Total Sulfides	NS	mg/l	0.1 UH	0.1 U	0.1 U	0.063 J
Total Organic Carbon, Filtered	NS	mg/l	4.9	4.1	4.3	1.3
pH	NS	STD u	---	---	---	---

NOTES:
U - not detected, J - estimated, D - Diluted Result, B - analyte was detected in the method blank
R - unusable, NS - no standard, Dup - duplicate sample, --- Not Analyzed
H - Sample analyzed beyond the specified holding time
[ ] - Exceeds NYS Class GA Ground Water Quality Standard
Data have note been validated

RAMBOLL

Table 5
Groundwater Data - Geochemical
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW Stds (mg/l)	Location ID Depth Interval Sample Date Sample ID units	MW-8DD - 12/18/2012 MW-8DD-121812 mg/l	MW-8DD - 5/22/2013 MW-8DD-052213 mg/l	MW-8DD - 8/20/2013 MW-8DD-082013 mg/l	MW-8DD - 12/17/2013 MW-8DD-121713 mg/l
Alkalinity (As Caco3)	NS	mg/l	263	283	255 B	300
Chloride	250	mg/l	133 B	124 B	72.5 B	79.7 B
Nitrate (as N)	10	mg/l	0.042 J	0.05 U	0.05 U	0.05 U
Nitrite (as N)	1	mg/l	0.05 U	0.05 U	0.05 U	0.05 U
Nitrite-Nitrate Nitrogen	NS	mg/l	---	---	---	---
Sulfate	250	mg/l	[1160]	[1130]	[320]	[1040]
Total Sulfides	NS	mg/l	0.1 U	0.1 U	0.1 U	0.1 U
Total Organic Carbon, Filtere	NS	mg/l	2.9	6.7	5.3	4.9
pH	NS	STD u	---	---	---	---

NOTES:
U - not detected, J - estimated, D - Diluted Result, B - analyte was detected in the method blank
R - unusable, NS - no standard, Dup - duplicate sample, --- Not Analyzed
H - Sample analyzed beyond the specified holding time
[ ] - Exceeds NYS Class GA Ground Water Quality Standard
Data have note been validated

Table 5
Groundwater Data - Geochemical
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW Stds (mg/l)	Location ID Depth Interval Sample Date Sample ID units	MW-8DD - 3/26/2014 MW-8DD-032614 mg/l	MW-8DD - 6/11/2014 MW-8DD-061114	MW-8DD - 9/24/2014 MW8DD092414 mg/l	MW-8DD - 4/13/2017 MW8DD041317 mg/l
Alkalinity (As Caco3)	NS	mg/l	299	293	351 B	259 B
Chloride	250	mg/l	90.2	126	166	55.5
Nitrate (as N)	10	mg/l	0.05 U	0.05 U	0.05 U	0.05
Nitrite (as N)	1	mg/l	0.05 U	0.05 U	0.05 U	0.05
Nitrite-Nitrate Nitrogen	NS	mg/l	---	---	---	---
Sulfate	250	mg/l	[616]	[1010]	[1080]	138 B
Total Sulfides	NS	mg/l	0.1 U	0.1 U	0.1 U	1.9
Total Organic Carbon, Filtere	NS	mg/l	5.2	4.3	3.4	2.6
pH	NS	STD u	---	---	---	---

NOTES:
U - not detected, J - estimated, D - Diluted Result, B - analyte was detected in the method blank
R - unusable, NS - no standard, Dup - duplicate sample, --- Not Analyzed
H - Sample analyzed beyond the specified holding time
[ ] - Exceeds NYS Class GA Ground Water Quality Standard
Data have note been validated

RAMBOLL

Table 5
Groundwater Data - Geochemical
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW Stds (mg/l)	Location ID Depth Interval Sample Date Sample ID units	MW-8DD - 9/13/2017 MW8DD091317 mg/l	MW-8DD - 9/18/2018 MW8DD091818 mg/l	MW-8DD - 3/19/2019 MW8DD031919 mg/l	MW-08DD - 9/24/2019 MW-8DD-092419 mg/L
Alkalinity (As Caco3)	NS	mg/l	247 B	256 B	207 B	262
Chloride	250	mg/l	110	208	79.6	215
Nitrate (as N)	10	mg/l	0.05 U H	0.050 U	0.05 U	0.031 J
Nitrite (as N)	1	mg/l	0.05 U H	0.050 U	0.05 U	0.050 U
Nitrite-Nitrate Nitrogen	NS	mg/l	---	---	---	---
Sulfate	250	mg/l	[1050]	[1140]	131	236
Total Sulfides	NS	mg/l	1.8	0.060 JH	0.24 H	1.0 U
Total Organic Carbon, Filtere	NS	mg/l	4.1 B	3.2 B	4.1 B	3.5
pH	NS	STD u	---	---	---	---

NOTES:
U - not detected, J - estimated, D - Diluted Result, B - analyte was detected in the method blank
R - unusable, NS - no standard, Dup - duplicate sample, --- Not Analyzed
H - Sample analyzed beyond the specified holding time
[ ] - Exceeds NYS Class GA Ground Water Quality Standard
Data have note been validated

RAMBOLL

Table 5
Groundwater Data - Geochemical
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW Stds (mg/l)	Location ID Depth Interval Sample Date Sample ID units	MW-08DD - 3/18/2020 MW 8DD 031720 mg/L	MW-08DD - 9/23/2020 MW 8DD 092320 mg/L	MW-08DD 3/25/2021 MW8DD032521 mg/l	MW-08DD 9/22/2021 MW8DD 092221 mg/l
Alkalinity (As Caco3)	NS	mg/l	224	281 B	269	253
Chloride	250	mg/l	54.4	112	[348]	[249]
Nitrate (as N)	10	mg/l	0.05 U	0.05 U	0.050 U	0.022 J
Nitrite (as N)	1	mg/l	0.05 U	0.05 U	0.050 U	< 0.050 U
Nitrite-Nitrate Nitrogen	NS	mg/l	---	---	---	--
Sulfate	250	mg/l	112	[952]	[450]	[1120]
Total Sulfides	NS	mg/l	1.0 U	1.0 U	1.0 U	< 1.0 U
Total Organic Carbon, Filtere	NS	mg/l	3.9	5.2	3.7	3.8
pH	NS	STD u	---	---	---	--

NOTES:
U - not detected, J - estimated, D - Diluted Result, B - analyte was detected in the method blank
R - unusable, NS - no standard, Dup - duplicate sample, --- Not Analyzed
H - Sample analyzed beyond the specified holding time
[ ] - Exceeds NYS Class GA Ground Water Quality Standard
Data have note been validated

Table 5
Groundwater Data - Geochemical
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW Stds (mg/l)	Location ID Depth Interval Sample Date Sample ID units	MW-08DD 3/23/2022 MW8DD 032222 mg/l	MW-08DD 9/28/2022 MW8DD 092822 mg/L
Alkalinity (As Caco3)	NS	mg/l	240	288 B
Chloride	250	mg/l	54.3	[294] F1
Nitrate (as N)	10	mg/l	0.050 U	0.050 U
Nitrite (as N)	1	mg/l	0.97	0.050 U
Nitrite-Nitrate Nitrogen	NS	mg/l	---	---
Sulfate	250	mg/l	113	[335] F1
Total Sulfides	NS	mg/l	1.0 U	1.0 U
Total Organic Carbon, Filtered	NS	mg/l	4.1	6.9
pH	NS	STD u	---	---

NOTES:
U - not detected, J - estimated, D - Diluted Result, B - analyte was detected in the method blank
R - unusable, NS - no standard, Dup - duplicate sample, --- Not Analyzed
H - Sample analyzed beyond the specified holding time
[ ] - Exceeds NYS Class GA Ground Water Quality Standard
Data have note been validated

Table 5
Groundwater Data - Geochemical
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW Stds (mg/l)	Location ID Depth Interval Sample Date Sample ID units	MW-10S - 2/15/2000 MW-10S_WG_021500 mg/l	MW-10S - 8/14/2001 MW-10S_WG_081401 mg/l	MW-10S - 11/29/2001 MW-10S_WG_112901 mg/l	MW-10S - 2/27/2002 MW-10S_WG_022702 mg/l
Alkalinity (As Caco3)	NS	mg/l	250	260	210	210
Chloride	250	mg/l	[370]	130	70	23
Nitrate (as N)	10	mg/l	0.05 U	0.05 U	0.05 U	0.05 U
Nitrite (as N)	1	mg/l	0.05 U	0.05 U	0.05 U	0.05 U
Nitrite-Nitrate Nitrogen	NS	mg/l	0.05 U	0.05 U	0.05 U	0.05 U
Sulfate	250	mg/l	7.5 U	150	170	93
Total Sulfides	NS	mg/l	0.2 U	0.2 U	0.2 U	0.2 U
Total Organic Carbon, Filtered	NS	mg/l	5	7	4	5
pH	NS	STD u	7.3	---	---	---

NOTES:
U - not detected, J - estimated, D - Diluted Result, B - analyte was detected in the method blank
R - unusable, NS - no standard, Dup - duplicate sample, --- Not Analyzed
H - Sample analyzed beyond the specified holding time
[ ] - Exceeds NYS Class GA Ground Water Quality Standard
Data have note been validated

Table 5
Groundwater Data - Geochemical
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW Stds (mg/l)	Location ID Depth Interval Sample Date Sample ID units	MW-10S - 5/15/2002 MW-10S_WG_051502 mg/l	MW-10S - 11/17/2004 MW-10S_WG_111704 mg/l	MW-10S - 11/14/2005 MW-10S_11142005 mg/l	MW-10S - 11/14/2006 MW-10S_11142006 mg/l
Alkalinity (As Caco3)	NS	mg/l	230	280	260	270
Chloride	250	mg/l	14	[270]	60	40
Nitrate (as N)	10	mg/l	0.05 U	0.05 U	1.1	0.1 U
Nitrite (as N)	1	mg/l	0.05 U	0.013 J	0.05 U	0.1 U
Nitrite-Nitrate Nitrogen	NS	mg/l	0.05 U	0.05 U	---	---
Sulfate	250	mg/l	57	[380]	180	160
Total Sulfides	NS	mg/l	0.2 U	0.60 J	0.8 U	0.8 U
Total Organic Carbon, Filtered	NS	mg/l	3	3.9	6	8.2
pH	NS	STD u	---	---	---	---

NOTES:
U - not detected, J - estimated, D - Diluted Result, B - analyte was detected in the method blank
R - unusable, NS - no standard, Dup - duplicate sample, --- Not Analyzed
H - Sample analyzed beyond the specified holding time
[ ] - Exceeds NYS Class GA Ground Water Quality Standard
Data have note been validated

Table 5
Groundwater Data - Geochemical
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW Stds (mg/l)	Location ID Depth Interval Sample Date Sample ID units	MW-10S - 10/30/2007 MW 10 S-103007 mg/l	MW-10S - 11/19/2008 MW 10 S-111908 mg/l	MW-10S - 10/22/2009 MW-10S-10222009 mg/l	MW-10S - 05/18/2010 W-10S-051810051820 mg/l
Alkalinity (As Caco3)	NS	mg/l	280	330	318 D	244 B
Chloride	250	mg/l	[300]	130	75.4 D,B	12.3
Nitrate (as N)	10	mg/l	0.1	0.1 U	0.05 U	0.05 U
Nitrite (as N)	1	mg/l	0.1	0.1 U	0.05 U	0.05 U
Nitrite-Nitrate Nitrogen	NS	mg/l	---	---	---	---
Sulfate	250	mg/l	[330]	[290]	[270] D	27.5
Total Sulfides	NS	mg/l	1	1 U	0	0.055
Total Organic Carbon, Filtered	NS	mg/l	3.6	9.3	2.8	6.6
pH	NS	STD u	---	---	---	

NOTES:
U - not detected, J - estimated, D - Diluted Result, B - analyte was detected in the method blank
R - unusable, NS - no standard, Dup - duplicate sample, --- Not Analyzed
H - Sample analyzed beyond the specified holding time
[ ] - Exceeds NYS Class GA Ground Water Quality Standard
Data have note been validated

Table 5
Groundwater Data - Geochemical
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW Stds (mg/l)	Location ID Depth Interval Sample Date Sample ID units	MW-10S - 1/20/2011 MW 10 S-01202011 mg/l	MW-10S - 4/20/2011 MW-10S-042011 mg/l	MW-10S - 7/26/2011 MW-10S072611 mg/l	MW-10S - 10/27/2011 MW10S102711 mg/l
Alkalinity (As Caco3)	NS	mg/l	238	146	279 B	386
Chloride	250	mg/l	22.2	7.8	46.5	171
Nitrate (as N)	10	mg/l	0.05 U	0.05 U	0.05 U	0.05 U
Nitrite (as N)	1	mg/l	0.05 U	0.05 U	0.05 U	0.05 U
Nitrite-Nitrate Nitrogen	NS	mg/l	---	---	---	---
Sulfate	250	mg/l	117 B	5 U	214	[331]
Total Sulfides	NS	mg/l	0.1 U	0.1 U	0.1 UH	0.1 U
Total Organic Carbon, Filtered	NS	mg/l	5.9	1.2	5.5	1.8
pH	NS	STD u	---	---	---	---

NOTES:
U - not detected, J - estimated, D - Diluted Result, B - analyte was detected in the method blank
R - unusable, NS - no standard, Dup - duplicate sample, --- Not Analyzed
H - Sample analyzed beyond the specified holding time
[ ] - Exceeds NYS Class GA Ground Water Quality Standard
Data have note been validated

Table 5
Groundwater Data - Geochemical
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW Stds (mg/l)	Location ID Depth Interval Sample Date Sample ID units	MW-10S - 3/20/2012 MW10S032012 mg/l	MW-10S - 8/7/2012 MW10S080712 mg/l	MW-10S - 12/19/2012 MW-10S-121912 mg/l	MW-10S - 5/21/2013 MW-10S-052113 mg/l
Alkalinity (As Caco3)	NS	mg/l	---	331	294 B	280
Chloride	250	mg/l	11.1	113	10	21 B
Nitrate (as N)	10	mg/l	0.05 U	0.05 U	0.05 U	0.05 U
Nitrite (as N)	1	mg/l	0.05 U	0.05 U	0.05 U	0.05 U
Nitrite-Nitrate Nitrogen	NS	mg/l	---	---	---	---
Sulfate	250	mg/l	---	[303]	87.5	113
Total Sulfides	NS	mg/l	0.1 U	0.1 U	0.074 J	0.1 U
Total Organic Carbon, Filtered	NS	mg/l	2.1	2.1	5.9	9.5
pH	NS	STD u	---	---	---	---

NOTES:
U - not detected, J - estimated, D - Diluted Result, B - analyte was detected in the method blank
R - unusable, NS - no standard, Dup - duplicate sample, --- Not Analyzed
H - Sample analyzed beyond the specified holding time
[ ] - Exceeds NYS Class GA Ground Water Quality Standard
Data have note been validated

Table 5
Groundwater Data - Geochemical
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW Stds (mg/l)	Location ID Depth Interval Sample Date Sample ID units	MW-10S - 8/22/2013 MW-10S-082213 mg/l	MW-10S - 12/18/2013 MW-10S-121813 mg/l	MW-10S - 3/25/2014 MW-10S-032514 mg/l	MW-10S - 6/10/2014 MW-10S-061014 mg/l
Alkalinity (As Caco3)	NS	mg/l	259	308	276	275
Chloride	250	mg/l	31.5	128 B	125	360
Nitrate (as N)	10	mg/l	0.05 U	0.05 U	0.05 U	0.05 U
Nitrite (as N)	1	mg/l	0.05 U	0.05 U	0.05 U	0.05 U
Nitrite-Nitrate Nitrogen	NS	mg/l	---	---	---	---
Sulfate	250	mg/l	131	216	152	239
Total Sulfides	NS	mg/l	0.1 U	0.064 J	0.1 U	0.08 J
Total Organic Carbon, Filtered	NS	mg/l	4.6	4.3	4.8	3.1
pH	NS	STD u	---	---	---	---

NOTES:
U - not detected, J - estimated, D - Diluted Result, B - analyte was detected in the method blank
R - unusable, NS - no standard, Dup - duplicate sample, --- Not Analyzed
H - Sample analyzed beyond the specified holding time
[ ] - Exceeds NYS Class GA Ground Water Quality Standard
Data have note been validated

RAMBOLL

Table 5
Groundwater Data - Geochemical
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW Stds (mg/l)	Location ID Depth Interval Sample Date Sample ID units	MW-10S - 9/23/2014 MW10S092314 mg/l	MW-10S - 4/11/2017 MW10S041117 mg/l	MW-10S - 9/12/2017 MW10S091217 mg/l	MW-10S - 9/12/2017 MW10S091217 mg/l
Alkalinity (As Caco3)	NS	mg/l	394 B	192	365 B	396 B
Chloride	250	mg/l	205	115	153	134
Nitrate (as N)	10	mg/l	0.022 J	0.05	0.05 U	0.050 U
Nitrite (as N)	1	mg/l	0.05 U	0.05	0.05 U	0.050 U
Nitrite-Nitrate Nitrogen	NS	mg/l	---	---	---	---
Sulfate	250	mg/l	[338]	91.9 B	[350]	[480]
Total Sulfides	NS	mg/l	0.1 U	0.13	0.08 J	0.10 UH
Total Organic Carbon, Filtered	NS	mg/l	3.8	4.2	4.6 B	3.5 B
pH	NS	STD u	---	---	---	---

NOTES:
U - not detected, J - estimated, D - Diluted Result, B - analyte was detected in the method blank
R - unusable, NS - no standard, Dup - duplicate sample, --- Not Analyzed
H - Sample analyzed beyond the specified holding time
[ ] - Exceeds NYS Class GA Ground Water Quality Standard
Data have note been validated

Table 5
Groundwater Data - Geochemical
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW Stds (mg/l)	Location ID Depth Interval Sample Date Sample ID units	X-1 - 9/19/2018 MW10S091918 mg/l	MW-10S - 3/20/2019 MW10S032019 mg/l	MW-10S - 9/25/2019 MW-10S-092519 mg/L	MW-10S - 3/17/2020 MW 10S 031720 mg/L
Alkalinity (As Caco3)	NS	mg/l	398 B	261 B	366	275 B
Chloride	250	mg/l	134	[375]	142	[357]
Nitrate (as N)	10	mg/l	0.050 U	0.05 U	0.022 J	0.05 U
Nitrite (as N)	1	mg/l	0.050 U	0.05 U	0.050 U	0.05 U
Nitrite-Nitrate Nitrogen	NS	mg/l	---	---	---	---
Sulfate	250	mg/l	[488]	[248]	[308]	232
Total Sulfides	NS	mg/l	0.10 UH	0.1 UH*	1.0 U	1.0 U
Total Organic Carbon, Filtered	NS	mg/l	3.2 B	2.7	3.9	3.3
pH	NS	STD u	---	---	---	---

NOTES:
U - not detected, J - estimated, D - Diluted Result, B - analyte was detected in the method blank
R - unusable, NS - no standard, Dup - duplicate sample, --- Not Analyzed
H - Sample analyzed beyond the specified holding time
[ ] - Exceeds NYS Class GA Ground Water Quality Standard
Data have note been validated

Table 5
Groundwater Data - Geochemical
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW Stds (mg/l)	Location ID Depth Interval Sample Date Sample ID units	MW-10S - 9/23/2020 MW 10S 092320 mg/L	MW-10S - 9/23/2020 X-1 092320 mg/L	MW-10S - 3/24/2021 MW10S032421 mg/l	MW-10S - 9/23/2021 MW10S 092321 mg/l
Alkalinity (As Caco3)	NS	mg/l	446 B	450 B	414	299
Chloride	250	mg/l	105	105	[306]	421
Nitrate (as N)	10	mg/l	0.05 U H	0.05 U	0.050 U	< 0.050 U
Nitrite (as N)	1	mg/l	0.05 U H	0.05 U	0.050 U	< 0.050 U
Nitrite-Nitrate Nitrogen	NS	mg/l	---	---	---	---
Sulfate	250	mg/l	[485]	[488]	[373]	280
Total Sulfides	NS	mg/l	1.0 U	1.0 U	1.0 UH	< 1.0 U
Total Organic Carbon, Filtered	NS	mg/l	3.9	5.2	4.1	4.0
pH	NS	STD u	---	---	---	---

NOTES:
U - not detected, J - estimated, D - Diluted Result, B - analyte was detected in the method blank
R - unusable, NS - no standard, Dup - duplicate sample, --- Not Analyzed
H - Sample analyzed beyond the specified holding time
[ ] - Exceeds NYS Class GA Ground Water Quality Standard
Data have note been validated

Table 5
Groundwater Data - Geochemical
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW Stds (mg/l)	Location ID Depth Interval Sample Date Sample ID units	MW-10S - 9/23/2021 X-1 092321 mg/l	MW-10S 3/24/2022 MW10S 032422 mg/l	MW-10S 9/29/2022 MW10S 092922 mg/L
Alkalinity (As Caco3)	NS	mg/l	278	281	284 B
Chloride	250	mg/l	421	[324]	[350]
Nitrate (as N)	10	mg/l	< 0.050 U	0.050 U	0.050 U
Nitrite (as N)	1	mg/l	< 0.050 U	0.050 U	0.050 U
Nitrite-Nitrate Nitrogen	NS	mg/l	---	---	---
Sulfate	250	mg/l	280	244	[260]
Total Sulfides	NS	mg/l	< 1.0 U	1.0 U	1.0 U
Total Organic Carbon, Filtered	NS	mg/l	3.9	4.1	18.6
pH	NS	STD u	---	---	---

NOTES:
U - not detected, J - estimated, D - Diluted Result, B - analyte was detected in the method blank
R - unusable, NS - no standard, Dup - duplicate sample, --- Not Analyzed
H - Sample analyzed beyond the specified holding time
[ ] - Exceeds NYS Class GA Ground Water Quality Standard
Data have note been validated

Table 5
Groundwater Data - Geochemical
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW Stds (mg/l)	Location ID Depth Interval Sample Date Sample ID units	MW-10D - 2/15/2000 MW-10D_WG_021500 mg/l	MW-10D - 8/14/2001 MW-10D_WG_081401 mg/l	MW-10D - 11/29/2001 MW-10D_WG_112901 mg/l	MW-10D - 2/27/2002 MW-10D_WG_022702 mg/l
Alkalinity (As Caco3)	NS	mg/l	240	260	270	230
Chloride	250	mg/l	190	220	230	120
Nitrate (as N)	10	mg/l	0.05 U	0.05 U	0.05 U	0.05 U
Nitrite (as N)	1	mg/l	0.05 U	0.05 U	0.05 U	0.05 U
Nitrite-Nitrate Nitrogen	NS	mg/l	0.05 U	0.05 U	0.05 U	0.05 U
Sulfate	250	mg/l	7.5 U	220	210	150
Total Sulfides	NS	mg/l	0.2 U	0.2 U	0.2 U	0.2 U
Total Organic Carbon, Filtered	NS	mg/l	5	6	4	4
pH	NS	STD u	8	---	---	---

NOTES:
U - not detected, J - estimated, D - Diluted Result, B - analyte was detected in the method blank
R - unusable, NS - no standard, Dup - duplicate sample, --- Not Analyzed
H - Sample analyzed beyond the specified holding time
[ ] - Exceeds NYS Class GA Ground Water Quality Standard
Data have note been validated

RAMBOLL

Table 5
Groundwater Data - Geochemical
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW Stds (mg/l)	Location ID Depth Interval Sample Date Sample ID units	MW-10D - 5/15/2002 MW-10D_WG_051502 mg/l	MW-10D - 11/17/2004 MW-10D_WG_111704 mg/l	MW-10D - 11/14/2005 MW-10D_11142005 mg/l	MW-10D - 11/14/2006 MW-10D_11142006 mg/l
Alkalinity (As Caco3)	NS	mg/l	270	270	270	280
Chloride	250	mg/l	230	[370]	[330]	[330]
Nitrate (as N)	10	mg/l	0.05 U	0.05 U	0.035 J	0.1 U
Nitrite (as N)	1	mg/l	0.05 U	0.011 J	0.05 U	0.1 U
Nitrite-Nitrate Nitrogen	NS	mg/l	0.05 U	0.05 U	---	---
Sulfate	250	mg/l	220	[370]	[340]	[320]
Total Sulfides	NS	mg/l	0.2	0.60 J	0.8 U	0.8 U
Total Organic Carbon, Filtered	NS	mg/l	1 U	3.3	3.5	19
pH	NS	STD u	---	---	---	---

NOTES:
U - not detected, J - estimated, D - Diluted Result, B - analyte was detected in the method blank
R - unusable, NS - no standard, Dup - duplicate sample, --- Not Analyzed
H - Sample analyzed beyond the specified holding time
[ ] - Exceeds NYS Class GA Ground Water Quality Standard
Data have note been validated

Table 5
Groundwater Data - Geochemical
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW Stds (mg/l)	Location ID Depth Interval Sample Date Sample ID units	MW-10D - 10/30/2007 MW 10 D-103007 mg/l	MW-10D - 11/19/2008 MW 10 D-111908 mg/l	MW-10D - 10/22/2009 MW-10D-10222009 mg/l	MW-10D - 5/18/2010 *M*W-10D-051810051820 mg/l
Alkalinity (As Caco3)	NS	mg/l	270	270	248 D	317 B
Chloride	250	mg/l	[350]	[320]	[295] D	247
Nitrate (as N)	10	mg/l	0.1	0.1 U	0.05 U	0.05 U
Nitrite (as N)	1	mg/l	0.1	0.1 U	0.05 U	0.05 U
Nitrite-Nitrate Nitrogen	NS	mg/l	---	---	---	---
Sulfate	250	mg/l	[310]	[260]	232 D	241
Total Sulfides	NS	mg/l	1	1 U	0	0.002 U
Total Organic Carbon, Filtered	NS	mg/l	3.8	15	2.8	3.9
pH	NS	STD u	---	---	---	---

NOTES:
U - not detected, J - estimated, D - Diluted Result, B - analyte was detected in the method blank
R - unusable, NS - no standard, Dup - duplicate sample, --- Not Analyzed
H - Sample analyzed beyond the specified holding time
[ ] - Exceeds NYS Class GA Ground Water Quality Standard
Data have note been validated

Table 5
Groundwater Data - Geochemical
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW Stds (mg/l)	Location ID Depth Interval Sample Date Sample ID units	MW-10D - 1/20/2011 MW-10D-01202011 mg/l	MW-10D - 4/20/2011 MW-10D-042011 mg/l	MW-10D - 7/26/2011 MW-10D072611 mg/l	MW-10D - 7/26/2011 X1072611 mg/l
Alkalinity (As Caco3)	NS	mg/l	273	258	278 B	285 B
Chloride	250	mg/l	[293]	224	233	234
Nitrate (as N)	10	mg/l	0.05 U	0.05 U	0.05 U	0.05 U
Nitrite (as N)	1	mg/l	0.05 U	0.05 U	0.05 U	0.05 U
Nitrite-Nitrate Nitrogen	NS	mg/l	---	---	---	---
Sulfate	250	mg/l	242 B	247	242	245
Total Sulfides	NS	mg/l	0.1 U	0.059 J	0.1 UH	0.1 UH
Total Organic Carbon, Filtered	NS	mg/l	2	1 U	3.4	3.3
pH	NS	STD u	---	---	---	---

NOTES:
U - not detected, J - estimated, D - Diluted Result, B - analyte was detected in the method blank
R - unusable, NS - no standard, Dup - duplicate sample, --- Not Analyzed
H - Sample analyzed beyond the specified holding time
[ ] - Exceeds NYS Class GA Ground Water Quality Standard
Data have note been validated

Table 5
Groundwater Data - Geochemical
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW Stds (mg/l)	Location ID Depth Interval Sample Date Sample ID units	MW-10D - 10/27/2011 MW10D102711 mg/l	MW-10D - 3/20/2012 MW10D032012 mg/l	MW-10D - 8/7/2012 MW10D080712 mg/l	MW-10D - 12/19/2012 MW-10D-121912 mg/l
Alkalinity (As Caco3)	NS	mg/l	251	---	277	327 B
Chloride	250	mg/l	237	83.9	208	212
Nitrate (as N)	10	mg/l	0.05 U	0.05 U	0.05 U	0.022 J
Nitrite (as N)	1	mg/l	0.05 U	0.05 U	0.05 U	0.05 U
Nitrite-Nitrate Nitrogen	NS	mg/l	---	---	---	---
Sulfate	250	mg/l	[253]	---	185	228
Total Sulfides	NS	mg/l	0.1 U	0.1 U	0.065 J	0.26
Total Organic Carbon, Filtered	NS	mg/l	1.6	5.2	1.4	2.3
pH	NS	STD u	---	---	---	---

NOTES:
U - not detected, J - estimated, D - Diluted Result, B - analyte was detected in the method blank
R - unusable, NS - no standard, Dup - duplicate sample, --- Not Analyzed
H - Sample analyzed beyond the specified holding time
[ ] - Exceeds NYS Class GA Ground Water Quality Standard
Data have note been validated

Table 5
Groundwater Data - Geochemical
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW Stds (mg/l)	Location ID Depth Interval Sample Date Sample ID units	MW-10D - 5/21/2013 MW-10D-052113 mg/l	MW-10D - 8/22/113 MW-10D-082213 mg/l	MW-10D - 12/18/2013 MW-10D-121813 mg/l	X-1-121813 - 12/18/2013 MW-10D-121813 mg/l
Alkalinity (As Caco3)	NS	mg/l	319	361	308	331
Chloride	250	mg/l	144 B	122	128 B	128 B
Nitrate (as N)	10	mg/l	0.05 U	0.05 U	0.05 U	0.05 U
Nitrite (as N)	1	mg/l	0.05 U	0.05 U	0.05 U	0.05 U
Nitrite-Nitrate Nitrogen	NS	mg/l	---	---	---	---
Sulfate	250	mg/l	200	427	216	216
Total Sulfides	NS	mg/l	0.1 U	0.1 U	0.064 J	0.068 J
Total Organic Carbon, Filtered	NS	mg/l	15.1	3	4.3	4
pH	NS	STD u	---	---	---	---

NOTES:
U - not detected, J - estimated, D - Diluted Result, B - analyte was detected in the method blank
R - unusable, NS - no standard, Dup - duplicate sample, --- Not Analyzed
H - Sample analyzed beyond the specified holding time
[ ] - Exceeds NYS Class GA Ground Water Quality Standard
Data have note been validated

Table 5
Groundwater Data - Geochemical
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW Stds (mg/l)	Location ID Depth Interval Sample Date Sample ID units	MW-10D - 3/25/2014 MW-10D-032514 mg/l	MW-10D - 6/10/2014 MW-10D-061014 mg/l	MW-10D - 9/23/2014 MW10D092314 mg/l	MW-10D - 4/12/2017 MW10D041217 mg/l
Alkalinity (As Caco3)	NS	mg/l	308	272	339 B	282
Chloride	250	mg/l	[290]	[373]	[412]	[354]
Nitrate (as N)	10	mg/l	0.05 U	0.05 U	0.05 U	0.05
Nitrite (as N)	1	mg/l	0.05 U	0.05 U	0.05 U	0.05
Nitrite-Nitrate Nitrogen	NS	mg/l	---	---	---	---
Sulfate	250	mg/l	241	233	[257]	238
Total Sulfides	NS	mg/l	0.1 U	0.073 J	0.1 U	0.18
Total Organic Carbon, Filtered	NS	mg/l	4	3	2.9	2.5
pH	NS	STD u	---	---	---	---

NOTES:
U - not detected, J - estimated, D - Diluted Result, B - analyte was detected in the method blank
R - unusable, NS - no standard, Dup - duplicate sample, --- Not Analyzed
H - Sample analyzed beyond the specified holding time
[ ] - Exceeds NYS Class GA Ground Water Quality Standard
Data have note been validated

Table 5
Groundwater Data - Geochemical
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW Stds (mg/l)	Location ID Depth Interval Sample Date Sample ID units	MW-10D - 9/12/2017 MW10D091217 mg/l	MW-10D - 9/19/2018 MW10D091918 mg/l	MW-10D - 3/20/2019 MW10D032019 mg/l	MW-10D - 9/25/2019 MW-10D-092519 mg/L
Alkalinity (As Caco3)	NS	mg/l	259 B	261 B	270 B	291
Chloride	250	mg/l	[368]	[389]	[380]	[391]
Nitrate (as N)	10	mg/l	0.05 U	0.050 U	0.05 U	0.050 U
Nitrite (as N)	1	mg/l	0.05 U	0.050 U	0.05 UH	0.037 JB
Nitrite-Nitrate Nitrogen	NS	mg/l	---	---	---	---
Sulfate	250	mg/l	[257]	[260]	249	210
Total Sulfides	NS	mg/l	0.08 J	0.10 UHF1	0.1 UH F1*	1.0 U
Total Organic Carbon, Filtered	NS	mg/l	3.8 B	2.7 B	2.5	3.4
pH	NS	STD u	---	---	---	---

NOTES:
U - not detected, J - estimated, D - Diluted Result, B - analyte was detected in the method blank
R - unusable, NS - no standard, Dup - duplicate sample, --- Not Analyzed
H - Sample analyzed beyond the specified holding time
[ ] - Exceeds NYS Class GA Ground Water Quality Standard
Data have note been validated

Table 5
Groundwater Data - Geochemical
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW Stds (mg/l)	Location ID Depth Interval Sample Date Sample ID units	MW-10D - 3/17/2020 MW 10D 031720 mg/L	MW-10D - 3/17/2020 X-1 031720 mg/L	MW-10D - 9/22/2020 MW 10D 092220 mg/L	MW-10D 3/24/2021 MW10D032421 mg/l
Alkalinity (As Caco3)	NS	mg/l	277 B	284	333	311
Chloride	250	mg/l	[368]	[366]	[382]	[413]
Nitrate (as N)	10	mg/l	0.022 JH	0.05 UH	0.05 U H	0.050 U
Nitrite (as N)	1	mg/l	0.05 UH	0.05 UH	0.05 U H	0.050 U
Nitrite-Nitrate Nitrogen	NS	mg/l	---	---	---	---
Sulfate	250	mg/l	232	231	229	[281]
Total Sulfides	NS	mg/l	1.0 U	1.0 U	1.0 U	1.0 UH
Total Organic Carbon, Filtered	NS	mg/l	3.1	3.1	3.1 F2 F1	3.7
pH	NS	STD u	---	---	---	---

NOTES:
U - not detected, J - estimated, D - Diluted Result, B - analyte was detected in the method blank
R - unusable, NS - no standard, Dup - duplicate sample, --- Not Analyzed
H - Sample analyzed beyond the specified holding time
[ ] - Exceeds NYS Class GA Ground Water Quality Standard
Data have note been validated

Table 5
Groundwater Data - Geochemical
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW Stds (mg/l)	Location ID Depth Interval Sample Date Sample ID units	MW-10D 9/23/2021 MW10D 092321 mg/l	MW-10D 3/24/2022 MW10D 032422 mg/l	MW-10D 9/29/2022 MW10D 092922 mg/L
Alkalinity (As Caco3)	NS	mg/l	268 F1	281	293 B
Chloride	250	mg/l	[423]	[337]	[369]
Nitrate (as N)	10	mg/l	< 0.050 U	0.050 U	0.025 J
Nitrite (as N)	1	mg/l	< 0.050 U	1.7	0.050 U
Nitrite-Nitrate Nitrogen	NS	mg/l	--	---	---
Sulfate	250	mg/l	[281]	238	236
Total Sulfides	NS	mg/l	< 1.0 U	1.0 U	1.0 U
Total Organic Carbon, Filtered	NS	mg/l	3.6	4.6	15.5 ^2
pH	NS	STD u	--	---	---

NOTES:
U - not detected, J - estimated, D - Diluted Result, B - analyte was detected in the method blank
R - unusable, NS - no standard, Dup - duplicate sample, --- Not Analyzed
H - Sample analyzed beyond the specified holding time
[ ] - Exceeds NYS Class GA Ground Water Quality Standard
Data have note been validated

Table 6
Groundwater Data - Dissolved Gases
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW Stds (mg/l)	Location ID Depth Interval Sample Date Sample ID	MW-01S - 2/14/2000 MW-01S_WG_021400 mg/l	MW-01S - 8/13/2001 MW-01S_WG_081301 mg/l	MW-01S - 11/26/2001 MW-01S_WG_112601 mg/l	MW-01S - 2/25/2002 MW-01S_WG_022502 mg/l
Ethane	NS		0.002 UJ	0.002 U	0.002 U	0.002 U
Ethylene	NS		0.002 UJ	0.002 U	0.002 U	0.002 U
Methane	NS		0.006	0.008 J	0.012 U	0.009
Hydrogen*	NS		---	---	---	---

NOTES:
U - not detected, J - estimated, D - Diluted Result, R - unusable, NS - no standard
Dup - duplicate sample, B - Analyte detected in the associated Method Blank
[ ] - Exceeds NYS Class GA Ground Water Qaulity Standard
Data have note been validated
--- Not Analized
* - Unit in nM

Table 6
Groundwater Data - Dissolved Gases
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW Stds (mg/l)	Location ID Depth Interval Sample Date Sample ID	MW-01S - 5/13/2002 MW-01S_WG_051302 mg/l	MW-01S - 11/16/2004 MW-01S_WG_111604 mg/l	MW-01S - 11/15/2005 MW-1S_11152005 mg/l	MW-01S - 11/14/2006 MW-1S_11142006 mg/l
Ethane	NS		0.0013 U	0.0022 U	0.013 U	0.0013 U
Ethylene	NS		0.0013 U	0.0022 U	0.013 U	0.0013 U
Methane	NS		0.024	0.002 U	0.076	0.018
Hydrogen*	NS		---	---	---	---

NOTES:
U - not detected, J - estimated, D - Diluted Result, R - unusable, NS - no standard
Dup - duplicate sample, B - Analyte detected in the associated Method Blank
[ ] - Exceeds NYS Class GA Ground Water Qaulity Standard
Data have note been validated
--- Not Analized
* - Unit in nM

Table 6
Groundwater Data - Dissolved Gases
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW Stds (mg/l)	Location ID Depth Interval Sample Date Sample ID	MW-01S - 10/29/2007 MW-1S-102907 mg/l	MW-01S - 11/18/2008 MW-1S-111808 mg/l	MW-01S - 10/19/2009 MW-1S-101909 mg/l	MW-01S - 05/18/2010 MW-1S-051810 mg/l
Ethane	NS		0.00053 U	0.00052 U	0.00052 U	0.00057 U
Ethylene	NS		0.0005 U	0.00049 U	0.00049 U	0.00054 U
Methane	NS		0.00056 U	0.001	0.00054 J	0.00061 U
Hydrogen*	NS		---	---	---	---

NOTES:
U - not detected, J - estimated, D - Diluted Result, R - unusable, NS - no standard
Dup - duplicate sample, B - Analyte detected in the associated Method Blank
[ ] - Exceeds NYS Class GA Ground Water Qaulity Standard
Data have note been validated
--- Not Analized
* - Unit in nM

Table 6
Groundwater Data - Dissolved Gases
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW Stds (mg/l)	Location ID Depth Interval Sample Date Sample ID	MW-01S - 1/19/2011 MW-1S-011911 mg/l	MW-01S - 4/18/2011 MW-1S-041811 mg/l	MW-01S - 7/26/2011 MW-1S-072611 mg/l	MW-01S - 10/25/2011 MW-1S-102511 mg/l
Ethane	NS		0.00057 U	0.00057 U	0.00057 U	0.00057 U
Ethylene	NS		0.00054 U	0.00054 U	0.00054 U	0.00054 U
Methane	NS		0.001	0.00044 J	0.0013 B	0.00061 U
Hydrogen*	NS		---	---	---	---

NOTES:
U - not detected, J - estimated, D - Diluted Result, R - unusable, NS - no standard
Dup - duplicate sample, B - Analyte detected in the associated Method Blank
[ ] - Exceeds NYS Class GA Ground Water Qaulity Standard
Data have note been validated
--- Not Analized
* - Unit in nM

Table 6
Groundwater Data - Dissolved Gases
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW Stds (mg/l)	Location ID Depth Interval Sample Date Sample ID	MW-01S - 3/20/2012 MW-1S-032012 mg/l	MW-01S - 8/7/2012 MW-1S-080712 mg/l	MW-01S - 12/18/2012 MW-1S-121812 mg/l	MW-01S - 5/21/2013 MW-1S-052113 mg/l
Ethane	NS		0.00057 U	0.00057 U	0.00057 U	0.00056 U
Ethylene	NS		0.00054 U	0.00054 U	0.00054 U	0.00053 U
Methane	NS		0.00051 J	0.00061 U	0.00061 U	0.0032
Hydrogen*	NS		---	---	---	---

NOTES:
U - not detected, J - estimated, D - Diluted Result, R - unusable, NS - no standard
Dup - duplicate sample, B - Analyte detected in the associated Method Blank
[ ] - Exceeds NYS Class GA Ground Water Qaulity Standard
Data have note been validated
--- Not Analized
* - Unit in nM

Table 6
Groundwater Data - Dissolved Gases
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW Stds (mg/l)	Location ID Depth Interval Sample Date Sample ID	MW-01S - 8/19/2013 MW-1S-081913 mg/l	MW-01S - 12/18/2013 MW-1S-121813 mg/l	MW-01S - 3/25/2014 MW-1S-032514 mg/l	MW-01S - 6/9/2014 MW-1S-060914 mg/l
Ethane	NS		0.0002 U	0.0002 U	0.0002 U	.0000062 J
Ethylene	NS		0.000023 J	0.0002 U	0.0002 U	.000017 J
Methane	NS		0.0083	0.0052	0.0055	0.0039
Hydrogen*	NS		0.76	0.5 J	0.67	1.2

NOTES:
U - not detected, J - estimated, D - Diluted Result, R - unusable, NS - no standard
Dup - duplicate sample, B - Analyte detected in the associated Method Blank
[ ] - Exceeds NYS Class GA Ground Water Qaulity Standard
Data have note been validated
--- Not Analized
* - Unit in nM

Table 6
Groundwater Data - Dissolved Gases
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW Stds (mg/l)	Location ID Depth Interval Sample Date Sample ID	MW-1S - 9/23/2014 MW1S092314 mg/L	MW-1S - 4/11/2017 MW1S041117 mg/L	X-1 - 4/11/2017 MW1S041117 mg/L	MW-1S - 9/12/2017 MW1S91217 mg/L
Ethane	NS		0.2 U	0.000033 J	0.000023 J	0.0002 U
Ethylene	NS		0.000018 J	0.000016 J	0.0000085 J	0.0002 U
Methane	NS		0.000088 J	0.0096 B	0.0069 B	0.00074
Hydrogen*	NS		1.3	---	---	---

NOTES:
U - not detected, J - estimated, D - Diluted Result, R - unusable, NS - no standard
Dup - duplicate sample, B - Analyte detected in the associated Method Blank
[ ] - Exceeds NYS Class GA Ground Water Qaulity Standard
Data have note been validated
--- Not Analized
* - Unit in nM

Date Printed: 1/17/2023
File: https://ramboll-my.sharepoint.com/personal/yuri_veliz_ramboll_com/Documents/Desktop/Working Projects/Forest Glen/Annual Report 2022/Tables/Tab 6 - DisGas Hydrogen.xls
Database: Q:\6510_Goodyear\Forest Glen\Database\Forest_Gle

Table 6
Groundwater Data - Dissolved Gases
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW Stds (mg/l)	Location ID Depth Interval Sample Date Sample ID	MW-1S - 9/18/2018 MW1S091818 mg/L	MW-1S - 3/18/2019 MW1S031819 mg/L	MW-1S 9/24/2019 MW1S092419 mg/l	MW-01S - 3/17/2020 MW 1S 031720 mg/l
Ethane	NS		0.0002 U	0.0002 U	0.0000060 U	0.0000060 U
Ethylene	NS		0.0002 U	0.0002 U	0.000012 U	0.0002 U
Methane	NS		0.0024	0.00092	0.0062	0.0023
Hydrogen*	NS		---	---	---	---

NOTES:
U - not detected, J - estimated, D - Diluted Result, R - unusable, NS - no standard
Dup - duplicate sample, B - Analyte detected in the associated Method Blank
[ ] - Exceeds NYS Class GA Ground Water Qaulity Standard
Data have note been validated
--- Not Analized
* - Unit in nM

Table 6
Groundwater Data - Dissolved Gases
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW Stds (mg/l)	Location ID Depth Interval Sample Date Sample ID	MW-01S - 9/22/2020 MW 1S 092220 mg/l	MW-01S - 3/23/2021 MW1S032321 mg/l	MW-01S - 3/23/2021 X-1 032321 mg/l	MW-01S - 9/21/2021 MW1S092121 mg/l
Ethane	NS		0.000075 U	0.000075 U	0.000075 U	0.00017 U
Ethylene	NS		0.00012 U	0.00012 U	0.00012 U	0.00024 U
Methane	NS		0.0029 J	0.0046 J	0.0041 J	0.014
Hydrogen*	NS		---	---	---	---

NOTES:
U - not detected, J - estimated, D - Diluted Result, R - unusable, NS - no standard
Dup - duplicate sample, B - Analyte detected in the associated Method Blank
[ ] - Exceeds NYS Class GA Ground Water Qaulity Standard
Data have note been validated
--- Not Analized
* - Unit in nM

Table 6
Groundwater Data - Dissolved Gases
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW Stds (mg/l)	Location ID Depth Interval Sample Date Sample ID	MW-01S - 3/21/2022 MW1S032122 mg/l	MW-01S - 9/27/2022 MW1S 092722 mg/L
Ethane	NS		0.00020 J	0.00017 U
Ethylene	NS		0.00024 U	0.00024 U
Methane	NS		0.0078	0.018
Hydrogen*	NS		---	---

NOTES:
U - not detected, J - estimated, D - Diluted Result, R - unusable, NS - no standard
Dup - duplicate sample, B - Analyte detected in the associated Method Blank
[ ] - Exceeds NYS Class GA Ground Water Qaulity Standard
Data have note been validated
--- Not Analized
* - Unit in nM

Date Printed: 1/17/2023
File: https://ramboll-my.sharepoint.com/personal/yuri_veliz_ramboll_com/Documents/Desktop/Working Projects/Forest Glen/Annual Report 2022/Tables/Tab 6 - DisGas Hydrogen.xls
Database: Q:\6510_Goodyear\Forest Glen\Database\Forest_Gle

Table 6
Groundwater Data - Dissolved Gases
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW Stds (mg/l)	Location ID Depth Interval Sample Date Sample ID	MW-01D - 2/14/2000 MW-01D_WG_021400 mg/l	MW-01D - 8/13/2001 MW-01D_WG_081301 mg/l	MW-01D - 11/26/2001 MW-01D_WG_112601 mg/l	MW-01D - 2/25/2002 MW-01D_WG_022502 mg/l
Ethane	NS		0.002 UJ	0.002 U	0.002 U	0.002 U
Ethylene	NS		0.002 UJ	0.002 U	0.002 U	0.002 U
Methane	NS		0.02	0.02	0.02	0.03
Hydrogen*	NS		---	---	---	---

NOTES:
U - not detected, J - estimated, D - Diluted Result, R - unusable, NS - no standard
Dup - duplicate sample, B - Analyte detected in the associated Method Blank
[ ] - Exceeds NYS Class GA Ground Water Qaulity Standard
Data have note been validated
--- Not Analized
* - Unit in nM

Table 6
Groundwater Data - Dissolved Gases
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW Stds (mg/l)	Location ID Depth Interval Sample Date Sample ID	MW-01D - 5/13/2002 MW-01D_WG_051302 mg/l	MW-01D - 11/16/2004 MW-01D_WG_111604 mg/l	MW-01D - 11/15/2005 MW-1D_11152005 mg/l	MW-01D - 11/14/2006 MW-1D_11142006 mg/l
Ethane	NS		0.0013 U	0.0044 U	0.0013 U	0.0013 U
Ethylene	NS		0.0013 U	0.0044 U	0.0013 U	0.0013 U
Methane	NS		0.029	0.047	0.023	0.049
Hydrogen*	NS		---	---	---	---

NOTES:
U - not detected, J - estimated, D - Diluted Result, R - unusable, NS - no standard
Dup - duplicate sample, B - Analyte detected in the associated Method Blank
[ ] - Exceeds NYS Class GA Ground Water Qaulity Standard
Data have note been validated
--- Not Analized
* - Unit in nM

Table 6
Groundwater Data - Dissolved Gases
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW Stds (mg/l)	Location ID Depth Interval Sample Date Sample ID	MW-01D - 10/29/2007 MW-1D-102907 mg/l	MW-01D - 11/18/2008 MW-1D-111808 mg/l	MW-1D - 10/19/2009 MW-1D-101909 mg/l	MW-01D - 05/18/2010 MW-1D-051810 mg/l
Ethane	NS		0.00053 U	0.00053 U	0.00053 U	0.00057 U
Ethylene	NS		0.0005 U	0.0005 U	0.0005 U	0.00054 U
Methane	NS		0.014	0.011	0.0057	0.0045
Hydrogen*	NS		---	---	---	---

NOTES:
U - not detected, J - estimated, D - Diluted Result, R - unusable, NS - no standard
Dup - duplicate sample, B - Analyte detected in the associated Method Blank
[ ] - Exceeds NYS Class GA Ground Water Qaulity Standard
Data have note been validated
--- Not Analized
* - Unit in nM

Table 6
Groundwater Data - Dissolved Gases
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW Stds (mg/l)	Location ID Depth Interval Sample Date Sample ID	MW-01D - 1/19/2011 MW-1D-011911 mg/l	MW-01D - 4/18/2011 MW-1D-041811 mg/l	MW-01D - 7/26/2011 MW-1D-072611 mg/l	MW-01D - 10/25/2011 MW-1D-102511 mg/l
Ethane	NS		0.00057 U	0.00057 U	0.00057 U	0.00057 U
Ethylene	NS		0.00054 U	0.00054 U	0.00054 U	0.00054 U
Methane	NS		0.013	0.0067	0.01 B	0.0055 B
Hydrogen*	NS		---	---	---	---

NOTES:
U - not detected, J - estimated, D - Diluted Result, R - unusable, NS - no standard
Dup - duplicate sample, B - Analyte detected in the associated Method Blank
[ ] - Exceeds NYS Class GA Ground Water Qaulity Standard
Data have note been validated
--- Not Analized
* - Unit in nM

Table 6
Groundwater Data - Dissolved Gases
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW Stds (mg/l)	Location ID Depth Interval Sample Date Sample ID	MW-1D - 3/20/2012 MW-1D-032012 mg/l	MW-1D - 8/7/2012 MW-1D-080712 mg/l	X-1 - 8/7/2012 MW-1D-080712 mg/l	MW-1D - 12/18/2012 MW-1D-121812 mg/l
Ethane	NS		0.00057 U	0.00057 U	0.00057 U	0.00056 U
Ethylene	NS		0.00054 U	0.00054 U	0.00054 U	0.00054 U
Methane	NS		0.012	0.0099	0.013	0.014
Hydrogen*	NS		---	---	---	---

NOTES:
U - not detected, J - estimated, D - Diluted Result, R - unusable, NS - no standard
Dup - duplicate sample, B - Analyte detected in the associated Method Blank
[ ] - Exceeds NYS Class GA Ground Water Qaulity Standard
Data have note been validated
--- Not Analized
* - Unit in nM

Table 6
Groundwater Data - Dissolved Gases
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW Stds (mg/l)	Location ID Depth Interval Sample Date Sample ID	MW-1D - 5/21/2013 MW-1D-052113 mg/l	MW-1D - 8/19/2013 MW-1D-081913 mg/l	MW-1D - 12/19/2013 MW-1D-121913 mg/l	MW-1D - 3/25/2014 MW-1D-032514 mg/l
Ethane	NS		0.00054 U	.000073 J	0.000077 J	0.00011 J
Ethylene	NS		0.00051 U	0.0002 U	0.000019 U	0.00025 J
Methane	NS		0.028	0.044	0.033	0.032
Hydrogen*	NS		---	0.66	0.57 J	0.57 J

NOTES:
U - not detected, J - estimated, D - Diluted Result, R - unusable, NS - no standard
Dup - duplicate sample, B - Analyte detected in the associated Method Blank
[ ] - Exceeds NYS Class GA Ground Water Qaulity Standard
Data have note been validated
--- Not Analized
* - Unit in nM

Table 6
Groundwater Data - Dissolved Gases
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW Stds (mg/l)	Location ID Depth Interval Sample Date Sample ID	MW-1D - 6/9/2014 MW-1D-060914 mg/l	MW-1D - 9/23/2014 MW1D092314 mg/L	MW-1D - 4/11/2017 MW1D041117 mg/L	MW-1D - 9/12/2017 MW1D091217 mg/L
Ethane	NS		0.00006 J	0.00012 J	0.000074 J	0.0001 J
Ethylene	NS		0.0000077 J	0.00003 J	0.000015 J	0.0002 U
Methane	NS		0.045	0.025	0.012 B	0.024
Hydrogen*	NS		5.3	0.71	---	---

NOTES:
U - not detected, J - estimated, D - Diluted Result, R - unusable, NS - no standard
Dup - duplicate sample, B - Analyte detected in the associated Method Blank
[ ] - Exceeds NYS Class GA Ground Water Qaulity Standard
Data have note been validated
--- Not Analized
* - Unit in nM

Table 6
Groundwater Data - Dissolved Gases
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW Stds (mg/l)	Location ID Depth Interval Sample Date Sample ID	X-1 - 9/12/2017 MW1D091217 mg/L	MW-1D - 9/18/2018 MW1D091818 mg/L	MW-1D - 3/18/2019 MW1D031819 mg/L	MW-1D - 9/25/2019 MW1D 09252019 mg/L
Ethane	NS		0.00014 J	0.00011 J	0.00011 J	0.00058 J
Ethylene	NS		0.000043 J	0.00014 J	0.0000.2 U	0.000012 U
Methane	NS		0.21	0.022	0.025	0.024
Hydrogen*	NS		---	---	---	---

NOTES:
U - not detected, J - estimated, D - Diluted Result, R - unusable, NS - no standard
Dup - duplicate sample, B - Analyte detected in the associated Method Blank
[ ] - Exceeds NYS Class GA Ground Water Qaulity Standard
Data have note been validated
--- Not Analized
* - Unit in nM

Table 6
Groundwater Data - Dissolved Gases
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW Stds (mg/l)	Location ID Depth Interval Sample Date Sample ID	MW-01D - 3/17/2020 MW 1D 031720 mg/L	MW-01D - 9/22/2020 MW 1D 092220 mg/L	MW-01D - 3/22/2021 MW1D032221 mg/l	MW-01D - 9/21/2021 MW1D092121 mg/l
Ethane	NS		0.000057 J	0.000075 U	0.00014 J	0.0002 J
Ethylene	NS		0.0002 U	0.00012 U	0.00012 U	0.00024 U
Methane	NS		0.035	0.054	0.042	0.037
Hydrogen*	NS		---	---	---	---

NOTES:
U - not detected, J - estimated, D - Diluted Result, R - unusable, NS - no standard
Dup - duplicate sample, B - Analyte detected in the associated Method Blank
[ ] - Exceeds NYS Class GA Ground Water Qaulity Standard
Data have note been validated
--- Not Analized
* - Unit in nM

Table 6
Groundwater Data - Dissolved Gases
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW Stds (mg/l)	Location ID Depth Interval Sample Date Sample ID	MW-01D - 3/21/2022 MW1D0032122 mg/l	MW-01D - 9/27/2022 MW1D 092722 mg/L
Ethane	NS		0.00019 J	0.00017 U
Ethylene	NS		0.00024 U	0.00024 U
Methane	NS		0.044	0.038
Hydrogen*	NS		---	---

NOTES:
U - not detected, J - estimated, D - Diluted Result, R - unusable, NS - no standard
Dup - duplicate sample, B - Analyte detected in the associated Method Blank
[ ] - Exceeds NYS Class GA Ground Water Qaulity Standard
Data have note been validated
--- Not Analized
* - Unit in nM

Table 6
Groundwater Data - Dissolved Gases
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW Stds (mg/l)	Location ID Depth Interval Sample Date Sample ID	MW-04S - 2/17/2000 MW-04S_WG_021700 mg/l	MW-04S - 8/15/2001 MW-04S_WG_081501 mg/l	MW-04S - 11/29/2001 MW-04S_WG_112901 mg/l	MW-04S - 2/28/2002 MW-04S_WG_022802 mg/l
Ethane	NS		0.002 U	0.002 U	0.002 U	0.002 U
Ethylene	NS		0.002 U	0.002 U	0.002 U	0.002 U
Methane	NS		0.002	0.03	0.012 U	0.01
Hydrogen*	NS		---	---	---	---

NOTES:
U - not detected, J - estimated, D - Diluted Result, R - unusable, NS - no standard
Dup - duplicate sample, B - Analyte detected in the associated Method Blank
[ ] - Exceeds NYS Class GA Ground Water Qaulity Standard
Data have note been validated
--- Not Analized
* - Unit in nM

Table 6
Groundwater Data - Dissolved Gases
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW Stds (mg/l)	Location ID Depth Interval Sample Date Sample ID	MW-04S - 5/14/2002 MW-04S_WG_051402 mg/l	MW-04S - 11/17/2004 MW-04S_WG_111704 mg/l	MW-04S - 11/16/2005 MW-4S_11162005 mg/l	MW-04S - 11/16/2006 MW-4S_11162006 mg/l
Ethane	NS		0.0013 U	0.0022 U	0.0013 U	0.0013 U
Ethylene	NS		0.0013 U	0.0022 U	0.0013 U	0.0013 U
Methane	NS		0.0058	0.031	0.063	0.00071 U
Hydrogen*	NS		---	---	---	---

NOTES:
U - not detected, J - estimated, D - Diluted Result, R - unusable, NS - no standard
Dup - duplicate sample, B - Analyte detected in the associated Method Blank
[ ] - Exceeds NYS Class GA Ground Water Qaulity Standard
Data have note been validated
--- Not Analized
* - Unit in nM

Table 6
Groundwater Data - Dissolved Gases
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW Stds (mg/l)	Location ID Depth Interval Sample Date Sample ID	MW-04S - 10/31/2007 MW 4-S-103107 mg/l	MW-04S - 11/18/2008 MW 4-S-111808 mg/l	MW-04S - 10/21/2009 MW-4S-102109 mg/l	MW-04S - 05/19/2010 MW-4S-051910 mg/l
Ethane	NS		0.00052 U	0.00051 U	0.00053 U	0.00057 U
Ethylene	NS		0.00049 U	0.00048 U	0.0005 U	0.00054 U
Methane	NS		0.0093	0.0088	0.017	0.012
Hydrogen*	NS		---	---	---	---

NOTES:
U - not detected, J - estimated, D - Diluted Result, R - unusable, NS - no standard
Dup - duplicate sample, B - Analyte detected in the associated Method Blank
[ ] - Exceeds NYS Class GA Ground Water Qaulity Standard
Data have note been validated
--- Not Analized
* - Unit in nM

Table 6
Groundwater Data - Dissolved Gases
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW Stds (mg/l)	Location ID Depth Interval Sample Date Sample ID	MW-04S - 1/20/2011 MW-4S-012011 mg/l	MW-04S - 4/21/2011 MW-4S-042111 mg/l	MW-04S - 7/28/2011 MW-4S-072811 mg/l	MW-04S - 10/27/2011 MW-4S-102711 mg/l
Ethane	NS		0.00057 U	0.00057 U	0.00057 U	0.00057 U
Ethylene	NS		0.00054 U	0.00054 U	0.00054 U	0.00054 U
Methane	NS		0.016	0.0034	0.009 B	0.0077 B
Hydrogen*	NS		---	---	---	---

NOTES:
U - not detected, J - estimated, D - Diluted Result, R - unusable, NS - no standard
Dup - duplicate sample, B - Analyte detected in the associated Method Blank
[ ] - Exceeds NYS Class GA Ground Water Qaulity Standard
Data have note been validated
--- Not Analized
* - Unit in nM

Table 6
Groundwater Data - Dissolved Gases
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW Stds (mg/l)	Location ID Depth Interval Sample Date Sample ID	MW-4S - 3/22/2012 MW-4S-032212 mg/l	MW-4S - 8/9/2012 MW-4S-080912 mg/l	MW-4S - 12/20/2012 MW-4S-122012 mg/l	MW-4S - 5/22/2013 MW-4S-052213 mg/l
Ethane	NS		0.00057 U	0.00057 U	0.00056 U	0.00056 U
Ethylene	NS		0.00054 U	0.00054 U	0.00053 U	0.00053 U
Methane	NS		0.011	0.017	0.0081	0.028
Hydrogen*	NS		---	---	---	---

NOTES:
U - not detected, J - estimated, D - Diluted Result, R - unusable, NS - no standard
Dup - duplicate sample, B - Analyte detected in the associated Method Blank
[ ] - Exceeds NYS Class GA Ground Water Qaulity Standard
Data have note been validated
--- Not Analized
* - Unit in nM

Table 6
Groundwater Data - Dissolved Gases
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW Stds (mg/l)	Location ID Depth Interval Sample Date Sample ID	MW-4S - 8/22/2013 MW-4S-082213 mg/l	MW-4S - 12/19/2013 MW-4S-121913 mg/l	MW-4S - 3/27/2014 MW-4S-032714 mg/l	MW-4S - 6/11/2014 MW-4S-061114 mg/l
Ethane	NS		0.00004 J	0.000022 J	0.00026 J	0.000049 J
Ethylene	NS		0.0002 U	0.000019 J	0.0002 U	0.0000096 J
Methane	NS		0.1	0.038	0.056	0.037
Hydrogen*	NS		NS	NS	---	---

NOTES:
U - not detected, J - estimated, D - Diluted Result, R - unusable, NS - no standard
Dup - duplicate sample, B - Analyte detected in the associated Method Blank
[ ] - Exceeds NYS Class GA Ground Water Qaulity Standard
Data have note been validated
--- Not Analized
* - Unit in nM

Date Printed: 1/17/2023
File: https://ramboll-my.sharepoint.com/personal/yuri_veliz_ramboll_com/Documents/Desktop/Working Projects/Forest Glen/Annual Report 2022/Tables/Tab 6 - DisGas Hydrogen.xls
Database: Q:\6510_Goodyear\Forest Glen\Database\Forest_Gle

Table 6
Groundwater Data - Dissolved Gases
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW Stds (mg/l)	Location ID Depth Interval Sample Date Sample ID	MW-4S - 9/23/2014 MW-4S-092314 mg/l	MW-4S - 4/13/2017 MW-4S-041317 mg/l	MW-4S - 9/14/2017 MW-4S-091417 mg/l	MW-4S - 9/19/2018 MW-4S-091818 mg/l
Ethane	NS		---	0.000027 J	0.00006 J	
Ethylene	NS		---	0.0002 U	0.0002 U	NOT SAMPLED
Methane	NS		---	0.03	0.05	
Hydrogen*	NS		---	---	.---	

NOTES:
U - not detected, J - estimated, D - Diluted Result, R - unusable, NS - no standard
Dup - duplicate sample, B - Analyte detected in the associated Method Blank
[ ] - Exceeds NYS Class GA Ground Water Qaulity Standard
Data have note been validated
--- Not Analized
* - Unit in nM

Table 6
Groundwater Data - Dissolved Gases
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW Stds (mg/l)	Location ID Depth Interval Sample Date Sample ID	MW-4S - 3/20/219 MW-4S-032019 mg/l	MW-4S - 9/25/2019 MW-4S-092519 mg/L	MW-04S - 3/19/2020 MW 4S 031920 mg/L	MW-04S - 9/23/2020 MW 4S 092320 mg/L
Ethane	NS		0.000018 J	0.000033 J	0.000006 U	
Ethylene	NS		0.0002 U	0.000012 U	0.000024 J	NOT SAMPLED
Methane	NS		0.012	0.015	0.0011	
Hydrogen*	NS		---	---	---	

NOTES:
U - not detected, J - estimated, D - Diluted Result, R - unusable, NS - no standard
Dup - duplicate sample, B - Analyte detected in the associated Method Blank
[ ] - Exceeds NYS Class GA Ground Water Qaulity Standard
Data have note been validated
--- Not Analized
* - Unit in nM

Table 6
Groundwater Data - Dissolved Gases
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW Stds (mg/l)	Location ID Depth Interval Sample Date Sample ID	MW-04S - 3/25/2021 MW4S032521 mg/l	MW-04S - 9/23/2021 MW4S092321 mg/l	MW-04S - 3/22/2022 MW4S032222 mg/l	MW-04S - 9/29/2022 MW 4S 092922 mg/L
Ethane	NS		0.000075 U	0.00025 J	0.00026 J	NOT SAMPLED
Ethylene	NS		0.00012 U	0.001 U	0.00024 U	
Methane	NS		0.0028 J	0.005 U	0.031	
Hydrogen*	NS		---	---	---	

NOTES:
U - not detected, J - estimated, D - Diluted Result, R - unusable, NS - no standard
Dup - duplicate sample, B - Analyte detected in the associated Method Blank
[ ] - Exceeds NYS Class GA Ground Water Qaulity Standard
Data have note been validated
--- Not Analized
* - Unit in nM

Table 6
Groundwater Data - Dissolved Gases
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW Stds (mg/l)	Location ID Depth Interval Sample Date Sample ID	MW-4S - 9/14/2017 MW-4S-091417 mg/l	MW-04D - 2/17/2000 MW-04D_WG_021700 mg/l	MW-04D - 8/15/2001 MW-04D_WG_081501 mg/l	MW-04D - 11/29/2001 MW-04D_WG_112901 mg/l
Ethane	NS		0.00006 J	0.02 U	0.002 U	0.002 U
Ethylene	NS		0.0002 U	0.02 U	0.002 U	0.002 U
Methane	NS		0.05	0.06	0.02	0.012 U
Hydrogen*	NS		.---	---	---	---

NOTES:
U - not detected, J - estimated, D - Diluted Result, R - unusable, NS - no standard
Dup - duplicate sample, B - Analyte detected in the associated Method Blank
[ ] - Exceeds NYS Class GA Ground Water Qaulity Standard
Data have note been validated
--- Not Analized
* - Unit in nM

Table 6
Groundwater Data - Dissolved Gases
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW Stds (mg/l)	Location ID Depth Interval Sample Date Sample ID	MW-04D - 2/28/2002 MW-04D_WG_022802 mg/l	MW-04D - 5/14/2002 MW-04D_WG_051402 mg/l	MW-04D - 11/17/2004 MW-04D_WG_111704 mg/l	MW-04D - 11/16/2005 MW-4D_11162005 mg/l
Ethane	NS		0.002 U	0.0013 U	0.0022 U	0.0013 U
Ethylene	NS		0.002 U	0.0013 U	0.0022 U	0.0013 U
Methane	NS		0.04	0.041	0.028	0.032
Hydrogen*	NS		---	---	---	---

NOTES:
U - not detected, J - estimated, D - Diluted Result, R - unusable, NS - no standard
Dup - duplicate sample, B - Analyte detected in the associated Method Blank
[ ] - Exceeds NYS Class GA Ground Water Qaulity Standard
Data have note been validated
--- Not Analized
* - Unit in nM

Table 6
Groundwater Data - Dissolved Gases
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW Stds (mg/l)	Location ID Depth Interval Sample Date Sample ID	MW-04D - 11/15/2006 MW-4D_11152006 mg/l	MW-04D - 10/31/2007 MW 4-D-103107 mg/l	MW-04D - 11/19/2008 MW 4-D-111908 mg/l	MW-4D - 10/21/2009 MW-4D-102109 mg/l
Ethane	NS		0.0013 U	0.00053 U	0.00052 U	0.00053 U
Ethylene	NS		0.0013 U	0.0005 U	0.00049 U	0.0005 U
Methane	NS		0.016	0.0097	0.029	0.0091
Hydrogen*	NS		---	---	---	---

NOTES:
U - not detected, J - estimated, D - Diluted Result, R - unusable, NS - no standard
Dup - duplicate sample, B - Analyte detected in the associated Method Blank
[ ] - Exceeds NYS Class GA Ground Water Qaulity Standard
Data have note been validated
--- Not Analized
* - Unit in nM

Table 6
Groundwater Data - Dissolved Gases
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW Stds (mg/l)	Location ID Depth Interval Sample Date Sample ID	MW-04D - 05/19/2010 MW-4D-051910 mg/l	MW-04D - 1/20/2011 MW-4D-012011 mg/l	MW-04D - 4/21/2011 MW-4D-042111 mg/l	MW-04D - 7/28/2011 MW-4D-072811 mg/l
Ethane	NS		0.00057 U	0.00057 U	0.00057 U	0.00057 U
Ethylene	NS		0.00054 U	0.00054 U	0.00054 U	0.00054 U
Methane	NS		0.0094	0.0067	0.0084	0.0079 B
Hydrogen*	NS		---	---	---	---

NOTES:
U - not detected, J - estimated, D - Diluted Result, R - unusable, NS - no standard
Dup - duplicate sample, B - Analyte detected in the associated Method Blank
[ ] - Exceeds NYS Class GA Ground Water Qaulity Standard
Data have note been validated
--- Not Analized
* - Unit in nM

Date Printed: 1/17/2023
File: https://ramboll-my.sharepoint.com/personal/yuri_veliz_ramboll_com/Documents/Desktop/Working Projects/Forest Glen/Annual Report 2022/Tables/Tab 6 - DisGas Hydrogen.xls
Database: Q:\6510_Goodyear\Forest Glen\Database\Forest_Gle

Table 6
Groundwater Data - Dissolved Gases
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW Stds (mg/l)	Location ID Depth Interval Sample Date Sample ID	MW-04D - 10/26/2011 MW-4D-102611 mg/l	MW-4D - 3/22/2012 MW-4D-032212 mg/l	MW-4D - 8/9/2012 MW-4D-080912 mg/l	MW-4D - 12/20/2012 MW-4D-122012 mg/l
Ethane	NS		0.00057 U	0.00057 U	0.00057 U	0.00057 U
Ethylene	NS		0.00054 U	0.00054 U	0.00054 U	0.00054 U
Methane	NS		0.0049 B	0.02	0.0096	0.011
Hydrogen*	NS		---	---	---	---

NOTES:
U - not detected, J - estimated, D - Diluted Result, R - unusable, NS - no standard
Dup - duplicate sample, B - Analyte detected in the associated Method Blank
[ ] - Exceeds NYS Class GA Ground Water Qaulity Standard
Data have note been validated
--- Not Analized
* - Unit in nM

Table 6
Groundwater Data - Dissolved Gases
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW Stds (mg/l)	Location ID Depth Interval Sample Date Sample ID	MW-4D - 5/22/2013 MW-4D-052213 mg/l	MW-4D - 8/21/2013 MW-4D-082113 mg/l	MW-4D - 12/19/2013 MW-4D-121913 mg/l	MW-4D - 3/27/2014 MW-4D-032714 mg/l
Ethane	NS		0.00056 U	0.00022	0.00013 J	0.00029
Ethylene	NS		0.00053 U	.00002 J	0.000019 J	0.00021 J
Methane	NS		0.023	0.031	0.044	0.036
Hydrogen*	NS		---	0.77	0.59 J	0.64

NOTES:
U - not detected, J - estimated, D - Diluted Result, R - unusable, NS - no standard
Dup - duplicate sample, B - Analyte detected in the associated Method Blank
[ ] - Exceeds NYS Class GA Ground Water Qaulity Standard
Data have note been validated
--- Not Analized
* - Unit in nM

Table 6
Groundwater Data - Dissolved Gases
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW Stds (mg/l)	Location ID Depth Interval Sample Date Sample ID	MW-4D - 6/10/2014 MW-4D-061014 mg/l	MW-4D - 9/25/2014 MW-4D-092514 mg/l	MW-4D - 4/13/2017 MW-4D-041317 mg/l	MW-4D - 9/14/2017 MW-4D-041217 mg/l
Ethane	NS		0.00023	0.00023	0.0002 J	0.00018 J
Ethylene	NS		.0002 U	0.000030 J	0.000011 J	0.0002 U
Methane	NS		0.027	0.036	0.038	0.025
Hydrogen*	NS		1.4	0.82	---	---

NOTES:
U - not detected, J - estimated, D - Diluted Result, R - unusable, NS - no standard
Dup - duplicate sample, B - Analyte detected in the associated Method Blank
[ ] - Exceeds NYS Class GA Ground Water Qaulity Standard
Data have note been validated
--- Not Analized
* - Unit in nM

Date Printed: 1/17/2023
File: https://ramboll-my.sharepoint.com/personal/yuri_veliz_ramboll_com/Documents/Desktop/Working Projects/Forest Glen/Annual Report 2022/Tables/Tab 6 - DisGas Hydrogen.xls
Database: Q:\6510_Goodyear\Forest Glen\Database\Forest_Gle

Table 6
Groundwater Data - Dissolved Gases
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW Stds (mg/l)	Location ID Depth Interval Sample Date Sample ID	MW-4D - 9/19/2018 MW-4D-091918 mg/l	MW-4D - 3/20/2019 MW-4D-032019 mg/l	MW-4D - 9/25/2019 MW-4D-092519 mg/L	MW-04D - 3/19/2020 MW 4D 031920 mg/L
Ethane	NS		0.0002	0.0002	0.00018 J	0.00011 J
Ethylene	NS		0.000041 J	0.0002	0.000012 U	0.000071 J
Methane	NS		0.032	0.033	0.036	0.028
Hydrogen*	NS		---	---	---	---

NOTES:
U - not detected, J - estimated, D - Diluted Result, R - unusable, NS - no standard
Dup - duplicate sample, B - Analyte detected in the associated Method Blank
[ ] - Exceeds NYS Class GA Ground Water Qaulity Standard
Data have note been validated
--- Not Analized
* - Unit in nM

Table 6
Groundwater Data - Dissolved Gases
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW Stds (mg/l)	Location ID Depth Interval Sample Date Sample ID	MW-04D - 9/23/2020 MW 4D 092320 mg/L	MW-04D - 3/24/2021 MW4D032421 mg/l	MW-04D - 9/21/2021 MW4D092121 mg/l	MW-04D - 3/22/2022 MW4D032222 mg/l	MW-04D - 9/29/2022 MW4D 092922 mg/L
Ethane	NS		0.00057 J	0.00025 J	0.00035 J	0.00041 J	0.00048 J
Ethylene	NS		0.00012 U	0.00012 U	0.00024 U	0.00024 U	0.00024 U
Methane	NS		0.06	0.049	0.045	0.034	0.028
Hydrogen*	NS		---	---	---	---	---

NOTES:
U - not detected, J - estimated, D - Diluted Result, R - unusable, NS - no standard
Dup - duplicate sample, B - Analyte detected in the associated Method Blank
[ ] - Exceeds NYS Class GA Ground Water Qaulity Standard
Data have note been validated
--- Not Analized
* - Unit in nM

Table 6
Groundwater Data - Dissolved Gases
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW Stds (mg/l)	Location ID Depth Interval Sample Date Sample ID	MW-05S - 2/17/2000 MW-05S_WG_021700 mg/l	MW-05S - 8/14/2001 MW-05S_WG_081401 mg/l	MW-05S - 11/29/2001 MW-05S_WG_112901 mg/l	MW-05S - 2/27/2002 MW-05S_WG_022702 mg/l
Ethane	NS		0.02 U	0.02 U	0.04 U	0.04 U
Ethylene	NS		0.02 U	0.01	0.04 U	0.04 U
Methane	NS		0.3	0.4	0.17	0.1
Hydrogen*	NS		---	---	---	---

NOTES:
U - not detected, J - estimated, D - Diluted Result, R - unusable, NS - no standard
Dup - duplicate sample, B - Analyte detected in the associated Method Blank
[ ] - Exceeds NYS Class GA Ground Water Qaulity Standard
Data have note been validated
--- Not Analized
* - Unit in nM

Table 6
Groundwater Data - Dissolved Gases
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW Stds (mg/l)	Location ID Depth Interval Sample Date Sample ID	MW-05S - 5/15/2002 MW-05S_WG_051502 mg/l	MW-05S - 11/17/2004 MW-05S_WG_111704 mg/l	MW-05S - 11/15/2005 MW-5S_11152005 mg/l	MW-05S - 11/14/2006 MW-5S_11142006 mg/l
Ethane	NS		0.026 U	0.0044 U	0.0013 U	0.013 U
Ethylene	NS		0.03 U	0.0044 U	0.0013 U	0.013 U
Methane	NS		0.11	0.1	0.028	0.12
Hydrogen*	NS		---	---	---	---

NOTES:
U - not detected, J - estimated, D - Diluted Result, R - unusable, NS - no standard
Dup - duplicate sample, B - Analyte detected in the associated Method Blank
[ ] - Exceeds NYS Class GA Ground Water Qaulity Standard
Data have note been validated
--- Not Analized
* - Unit in nM

Table 6
Groundwater Data - Dissolved Gases
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW Stds (mg/l)	Location ID Depth Interval Sample Date Sample ID	MW-05S - 10/30/2007 MW 5 S-103007 mg/l	MW-05S - 11/19/2008 MW 5 S-111908 mg/l	MW-05S - 10/21/2009 MW-5S-102109 mg/l	MW-05S - 05/19/2010 MW-5S-051910 mg/l
Ethane	NS		0.00032 J	0.052 U	0.00053 U	0.0011 U
Ethylene	NS		0.0005 U	0.0014	0.0005 U	0.0011 U
Methane	NS		0.019	0.48	0.016	0.087
Hydrogen*	NS		---	---	---	---

NOTES:
U - not detected, J - estimated, D - Diluted Result, R - unusable, NS - no standard
Dup - duplicate sample, B - Analyte detected in the associated Method Blank
[ ] - Exceeds NYS Class GA Ground Water Qaulity Standard
Data have note been validated
--- Not Analized
* - Unit in nM

Table 6
Groundwater Data - Dissolved Gases
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW Stds (mg/l)	Location ID Depth Interval Sample Date Sample ID	MW-05S - 1/20/2011 MW-5S-012011 mg/l	MW-05S - 4/20/2011 MW-5S-042011 mg/l	MW-05S - 7/28/2011 MW-5S-072811 mg/l	MW-05S - 10/27/2011 MW-5S-102711 mg/l
Ethane	NS		0.00057 U	0.00057 U	0.00057 U	0.00057 U
Ethylene	NS		0.00054 U	0.00054 U	0.00054 U	0.00054 U
Methane	NS		0.071	0.14	0.057 B	0.059 B
Hydrogen*	NS		---	---	---	---

NOTES:
U - not detected, J - estimated, D - Diluted Result, R - unusable, NS - no standard
Dup - duplicate sample, B - Analyte detected in the associated Method Blank
[ ] - Exceeds NYS Class GA Ground Water Qaulity Standard
Data have note been validated
--- Not Analized
* - Unit in nM

Table 6
Groundwater Data - Dissolved Gases
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW Stds (mg/l)	Location ID Depth Interval Sample Date Sample ID	MW-5S - 3/22/2012 MW-5S-032212 mg/l	MW-5S - 8/9/2012 MW-5S-080912 mg/l	MW-5S - 12/19/2012 MW-5S-121912 mg/l	MW-5S - 5/22/2013 MW-5S-052213 mg/l
Ethane	NS		0.0087	0.0028 U	0.0028 U	0.057 U
Ethylene	NS		0.0024	0.0027 U	0.0027 U	0.054 U
Methane	NS		0.64	0.18	0.18	0.57
Hydrogen*	NS		---	---	---	---

NOTES:
U - not detected, J - estimated, D - Diluted Result, R - unusable, NS - no standard
Dup - duplicate sample, B - Analyte detected in the associated Method Blank
[ ] - Exceeds NYS Class GA Ground Water Qaulity Standard
Data have note been validated
--- Not Analized
* - Unit in nM

Table 6
Groundwater Data - Dissolved Gases
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW Stds (mg/l)	Location ID Depth Interval Sample Date Sample ID	MW-5S - 8/21/2013 MW-5S-082113 mg/l	MW-5S - 12/19/2013 MW-5S-121913 mg/l	MW-5S - 3/27/2014 MW-5S-032714 mg/l	MW-5S - 6/10/2014 MW-5S-061014 mg/l
Ethane	NS		0.0019	0.0032	0.0001 J	0.00034
Ethylene	NS		0.0056	0.018	0.00027	0.0011
Methane	NS		1.5	2.3	0.037	0.16
Hydrogen*	NS		1.2	0.61	0.93	1.2

NOTES:
U - not detected, J - estimated, D - Diluted Result, R - unusable, NS - no standard
Dup - duplicate sample, B - Analyte detected in the associated Method Blank
[ ] - Exceeds NYS Class GA Ground Water Qaulity Standard
Data have note been validated
--- Not Analized
* - Unit in nM

Table 6
Groundwater Data - Dissolved Gases
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW Stds (mg/l)	Location ID Depth Interval Sample Date Sample ID	MW-5S - 9/25/2014 MW-5S-092514 mg/l	MW-5S - 4/12/2017 MW-5S-041217 mg/l	MW-5S - 9/14/2017 MW-5S-091417 mg/l	MW-5S - 9/20/2018 MW-5S-092018 mg/l
Ethane	NS		0.0011	0.0000068 J	0.00036	0.00020 U
Ethylene	NS		0.0021	0.0000071 J	0.000089 J	0.000026 J
Methane	NS		0.032	0.000072 JB	0.038	0.0012
Hydrogen*	NS		---	---	---	---

NOTES:
U - not detected, J - estimated, D - Diluted Result, R - unusable, NS - no standard
Dup - duplicate sample, B - Analyte detected in the associated Method Blank
[ ] - Exceeds NYS Class GA Ground Water Qaulity Standard
Data have note been validated
--- Not Analized
* - Unit in nM

Table 6
Groundwater Data - Dissolved Gases
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW Stds (mg/l)	Location ID Depth Interval Sample Date Sample ID	MW-5S - 3/20/2019 MW-5S-032019 mg/l	MW-05S - 9/25/0219 MW-5S-092519 mg/L	MW-05S - 3/19/2020 MW 5S 031920 mg/L	MW-05S - 9/24/2020 MW 5S 092420 mg/L
Ethane	NS		0.000088 J	0.000028 J	0.0000081 J	0.000075 U
Ethylene	NS		0.000043 J	0.000093 J	0.0002 U	0.00012 U
Methane	NS		0.038	0.0062	0.00018 J	0.044
Hydrogen*	NS		---	---	---	

NOTES:
U - not detected, J - estimated, D - Diluted Result, R - unusable, NS - no standard
Dup - duplicate sample, B - Analyte detected in the associated Method Blank
[ ] - Exceeds NYS Class GA Ground Water Qaulity Standard
Data have note been validated
--- Not Analized
* - Unit in nM

Date Printed: 1/17/2023
File: https://ramboll-my.sharepoint.com/personal/yuri_veliz_ramboll_com/Documents/Desktop/Working Projects/Forest Glen/Annual Report 2022/Tables/Tab 6 - DisGas Hydrogen.xls
Database: Q:\6510_Goodyear\Forest Glen\Database\Forest_Gle

Table 6
Groundwater Data - Dissolved Gases
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW Stds (mg/l)	Location ID Depth Interval Sample Date Sample ID	MW-05S - 3/25/2021 MW5S032521 mg/l	MW-05S - 9/22/2021 MW5S092221 mg/l	MW-05S - 3/22/2022 MW5S032222 mg/l	MW-05S - 9/27/2022 MW5S 092722 mg/L
Ethane	NS		0.00029 J	0.00042 J	0.00017 U	0.00017 U
Ethylene	NS		0.00053 J	0.00032 J	0.00024 U	0.00045 J
Methane	NS		0.0051	0.074	0.002 U	0.0072
Hydrogen*	NS		---	---	---	---

NOTES:
U - not detected, J - estimated, D - Diluted Result, R - unusable, NS - no standard
Dup - duplicate sample, B - Analyte detected in the associated Method Blank
[ ] - Exceeds NYS Class GA Ground Water Qaulity Standard
Data have note been validated
--- Not Analized
* - Unit in nM

Table 6
Groundwater Data - Dissolved Gases
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW Stds (mg/l)	Location ID Depth Interval Sample Date Sample ID	MW-05D - 2/17/2000 MW-05D_WG_021700 mg/l	MW-05D - 8/14/2001 MW-05D_WG_081401 mg/l	MW-05D - 11/29/2001 MW-05D_WG_112901 mg/l	MW-05D - 2/27/2002 MW-05D_WG_022702 mg/l
Ethane	NS		0.002 U	0.002 U	0.002 U	0.002 U
Ethylene	NS		0.004	0.004	0.002 U	0.002 U
Methane	NS		0.04	0.05	0.03	0.02
Hydrogen*	NS		---	---	---	---

NOTES:
U - not detected, J - estimated, D - Diluted Result, R - unusable, NS - no standard
Dup - duplicate sample, B - Analyte detected in the associated Method Blank
[ ] - Exceeds NYS Class GA Ground Water Qaulity Standard
Data have note been validated
--- Not Analized
* - Unit in nM

Table 6
Groundwater Data - Dissolved Gases
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW Stds (mg/l)	Location ID Depth Interval Sample Date Sample ID	MW-05D - 5/15/2002 MW-05D_WG_051502 mg/l	MW-05D - 11/17/2004 MW-05D_WG_111704 mg/l	MW-05D - 11/15/2005 MW-5D_11152005 mg/l	MW-05D - 11/14/2006 MW-5D_11142006 mg/l
Ethane	NS		0.0013 U	0.0022 U	0.0013 U	0.0013 U
Ethylene	NS		0.0017	0.0022 U	0.0013 U	0.0013 U
Methane	NS		0.024	0.057	0.051	0.033
Hydrogen*	NS		---	---	---	---

NOTES:
U - not detected, J - estimated, D - Diluted Result, R - unusable, NS - no standard
Dup - duplicate sample, B - Analyte detected in the associated Method Blank
[ ] - Exceeds NYS Class GA Ground Water Qaulity Standard
Data have note been validated
--- Not Analized
* - Unit in nM

Table 6
Groundwater Data - Dissolved Gases
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW Stds (mg/l)	Location ID Depth Interval Sample Date Sample ID	MW-05D - 10/30/2007 MW 5 D-103007 mg/l	MW-05D - 11/19/2008 MW 5 D-111908 mg/l	MW-5D - 10/21/2009 MW-5D-102109 mg/l	MW-05D - 5/19/2010 MW-5D-051910 mg/l
Ethane	NS		0.00053 U	0.00052 U	0.00053 U	0.00057 U
Ethylene	NS		0.0005 U	0.00049 U	0.0005 U	0.00054 U
Methane	NS		0.013	0.049	0.0083	0.012
Hydrogen*	NS		---	---	---	---

NOTES:
U - not detected, J - estimated, D - Diluted Result, R - unusable, NS - no standard
Dup - duplicate sample, B - Analyte detected in the associated Method Blank
[ ] - Exceeds NYS Class GA Ground Water Qaulity Standard
Data have note been validated
--- Not Analized
* - Unit in nM

Date Printed: 1/17/2023
File: https://ramboll-my.sharepoint.com/personal/yuri_veliz_ramboll_com/Documents/Desktop/Working Projects/Forest Glen/Annual Report 2022/Tables/Tab 6 - DisGas Hydrogen.xls
Database: Q:\6510_Goodyear\Forest Glen\Database\Forest_Gle

Table 6
Groundwater Data - Dissolved Gases
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW Stds (mg/l)	Location ID Depth Interval Sample Date Sample ID	MW-05D - 1/20/2011 MW-5D-012011 mg/l	MW-05D - 4/20/2011 MW-5D-042011 mg/l	MW-5D - 7/28/2011 MW-5D-072811 mg/l	MW-05D - 10/27/2011 MW-5D-102711 mg/l
Ethane	NS		0.00056 U	0.00057 U	0.00057 U	0.00057 U
Ethylene	NS		0.00053 U	0.00054 U	0.00054 U	0.00054 U
Methane	NS		0.013	0.0092	0.011 B	0.015 B
Hydrogen*	NS		---	---	---	---

NOTES:
U - not detected, J - estimated, D - Diluted Result, R - unusable, NS - no standard
Dup - duplicate sample, B - Analyte detected in the associated Method Blank
[ ] - Exceeds NYS Class GA Ground Water Qaulity Standard
Data have note been validated
--- Not Analized
* - Unit in nM

Table 6
Groundwater Data - Dissolved Gases
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW Stds (mg/l)	Location ID Depth Interval Sample Date Sample ID	MW-5D - 3/22/2012 MW-5D-032212 mg/l	MW-5D - 8/9/2012 MW-5D-080912 mg/l	MW-5D - 12/19/2012 MW-5D-121912 mg/l	MW-5D - 5/22/2013 MW-5D-052213 mg/l
Ethane	NS		0.00057 U	0.00057 U	0.00057 U	0.00057 U
Ethylene	NS		0.00054 U	0.00054 U	0.00054 U	0.00054 U
Methane	NS		0.024	0.012	0.014	0.038
Hydrogen*	NS		---	---	---	---

NOTES:
U - not detected, J - estimated, D - Diluted Result, R - unusable, NS - no standard
Dup - duplicate sample, B - Analyte detected in the associated Method Blank
[ ] - Exceeds NYS Class GA Ground Water Qaulity Standard
Data have note been validated
--- Not Analized
* - Unit in nM

Table 6
Groundwater Data - Dissolved Gases
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW Stds (mg/l)	Location ID Depth Interval Sample Date Sample ID	MW-5D - 8/21/2013 MW-5D-082113 mg/l	MW-5D - 12/19/2013 MW-5D-121913 mg/l	MW-5D - 3/27/2014 MW-5D-032714 mg/l	MW-5D - 6/10/2014 MW-5D-061014 mg/l
Ethane	NS		0.000073 J	0.000073 J	0.00085 J	0.000066 J
Ethylene	NS		0.000033 J	0.000023 J	0.0002 U	0.000021 J
Methane	NS		0.052	0.059	0.059	0.055
Hydrogen*	NS		1.1	0.87	0.73	1.4

NOTES:
U - not detected, J - estimated, D - Diluted Result, R - unusable, NS - no standard
Dup - duplicate sample, B - Analyte detected in the associated Method Blank
[ ] - Exceeds NYS Class GA Ground Water Qaulity Standard
Data have note been validated
--- Not Analized
* - Unit in nM

Table 6
Groundwater Data - Dissolved Gases
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW Stds (mg/l)	Location ID Depth Interval Sample Date Sample ID	MW-5D - 9/25/2014 MW-5D-092514 mg/l	MW-5D - 4/12/2017 MW-5D-041217 mg/l	MW-5D - 9/14/2017 MW-5D-091417 mg/l	MW-5D - 9/19/2018 MW-5D-091918 mg/l
Ethane	NS		0.00069 J	0.000058 J	0.000067 J	0.000075 J
Ethylene	NS		0.00026 J	0.000015 J	0.0002 U	0.000015 J
Methane	NS		0.062	0.048 B	0.048	0.043
Hydrogen*	NS		0.91	---	---	---

NOTES:
U - not detected, J - estimated, D - Diluted Result, R - unusable, NS - no standard
Dup - duplicate sample, B - Analyte detected in the associated Method Blank
[ ] - Exceeds NYS Class GA Ground Water Qaulity Standard
Data have note been validated
--- Not Analized
* - Unit in nM

Table 6
Groundwater Data - Dissolved Gases
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW Stds (mg/l)	Location ID Depth Interval Sample Date Sample ID	MW-5D - 3/20/2019 MW-5D-032019 mg/l	MW-5D - 9/25/2019 MW-5D-092519 mg/L	MW-5D - 9/25/2019 X-1-092519 mg/L	MW-05D - 3/19/2020 MW 5D 031920 mg/L
Ethane	NS		0.000083 J	0.000062 J	0.000063 J	0.00006 J
Ethylene	NS		0.0002 U	0.000014 J	0.00021 J	0.0002 U
Methane	NS		0.042	0.059	0.058	0.063
Hydrogen*	NS		---	---	---	---

NOTES:
U - not detected, J - estimated, D - Diluted Result, R - unusable, NS - no standard
Dup - duplicate sample, B - Analyte detected in the associated Method Blank
[ ] - Exceeds NYS Class GA Ground Water Qaulity Standard
Data have note been validated
--- Not Analized
* - Unit in nM

Table 6
Groundwater Data - Dissolved Gases
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW Stds (mg/l)	Location ID Depth Interval Sample Date Sample ID	MW-05D - 9/23/2020 MW 5D 092320 mg/L	MW-05D - 3/24/2021 MW5D032421 mg/l	MW-05D - 9/21/2021 MW5D092121 mg/l	MW-05D - 3/22/2022 MW5D032222 mg/l	MW-05D - 9/27/2022 MW5D 092722 mg/L
Ethane	NS		0.000075 U	0.00021 J	0.00017 J	0.00018 J	0.00017 U
Ethylene	NS		0.00012 U	0.00012 U	0.00024 U	0.00024 U	0.00024 U
Methane	NS		0.085	0.11	0.12	0.079	0.16
Hydrogen*	NS		---	---	---	---	---

NOTES:
U - not detected, J - estimated, D - Diluted Result, R - unusable, NS - no standard
Dup - duplicate sample, B - Analyte detected in the associated Method Blank
[ ] - Exceeds NYS Class GA Ground Water Qaulity Standard
Data have note been validated
--- Not Analized
* - Unit in nM

Table 6
Groundwater Data - Dissolved Gases
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW Stds (mg/l)	Location ID Depth Interval Sample Date Sample ID	MW-06S - 2/15/2000 MW-06S_WG_021500 mg/l	MW-06S - 8/15/2001 MW-06S_WG_081501 mg/l	MW-06S - 11/29/2001 MW-06S_WG_112901 mg/l	MW-06S - 2/27/2002 MW-06S_WG_022702 mg/l
Ethane	NS		0.002 U	0.002 U	0.002 U	0.002 U
Ethylene	NS		0.002 U	0.002 U	0.002 U	0.002 U
Methane	NS		0.002	0.02	0.012 U	0.005
Hydrogen*	NS		---	---	---	---

NOTES:
U - not detected, J - estimated, D - Diluted Result, R - unusable, NS - no standard
Dup - duplicate sample, B - Analyte detected in the associated Method Blank
[ ] - Exceeds NYS Class GA Ground Water Qaulity Standard
Data have note been validated
--- Not Analized
* - Unit in nM

Table 6
Groundwater Data - Dissolved Gases
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW Stds (mg/l)	Location ID Depth Interval Sample Date Sample ID	MW-06S - 5/15/2002 MW-06S_WG_051502 mg/l	MW-06S - 11/16/2004 MW-06S_WG_111604 mg/l	MW-06S - 11/15/2005 MW-6S_11152005 mg/l	MW-06S - 11/13/2006 MW-6S_11132006 mg/l
Ethane	NS		0.0013 U	0.0022 U	0.0013 U	0.0013 U
Ethylene	NS		0.0013 U	0.0022 U	0.0013 U	0.0013 U
Methane	NS		0.0015	0.041	0.013	0.0042
Hydrogen*	NS		---	---	---	---

NOTES:
U - not detected, J - estimated, D - Diluted Result, R - unusable, NS - no standard
Dup - duplicate sample, B - Analyte detected in the associated Method Blank
[ ] - Exceeds NYS Class GA Ground Water Qaulity Standard
Data have note been validated
--- Not Analized
* - Unit in nM

Table 6
Groundwater Data - Dissolved Gases
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW Stds (mg/l)	Location ID Depth Interval Sample Date Sample ID	MW-06S - 10/31/2007 MW-6S-103107 mg/l	MW-06S - 11/19/2008 MW-6S-111908 mg/l	MW-6S - 10/21/2009 MW-6S-102109 mg/l	MW-06S - 05/19/2010 MW-6S-051910 mg/l
Ethane	NS		0.00052 U	0.00052 U	0.00053 U	0.00056 U
Ethylene	NS		0.00049 U	0.00049 U	0.0005 U	0.00053 U
Methane	NS		0.00086	0.0053	0.047	0.0017
Hydrogen*	NS			---	---	---

NOTES:
U - not detected, J - estimated, D - Diluted Result, R - unusable, NS - no standard
Dup - duplicate sample, B - Analyte detected in the associated Method Blank
[ ] - Exceeds NYS Class GA Ground Water Qaulity Standard
Data have note been validated
--- Not Analized
* - Unit in nM

Table 6
Groundwater Data - Dissolved Gases
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW Stds (mg/l)	Location ID Depth Interval Sample Date Sample ID	MW-06S - 1/19/2011 MW-6S-011911 mg/l	MW-06S - 4/20/2011 MW-6S-042011 mg/l	MW-06S - 7/26/2011 MW-6S-072611 mg/l	MW-06S - 10/26/2011 MW-6S-102611 mg/l
Ethane	NS		0.00057 U	0.00057 U	0.00057 U	0.00057 U
Ethylene	NS		0.00054 U	0.00054 U	0.00054 U	0.00054 U
Methane	NS		0.0032	0.00039 J	0.0012 B	0.015 B
Hydrogen*	NS		---	---	---	---

NOTES:
U - not detected, J - estimated, D - Diluted Result, R - unusable, NS - no standard
Dup - duplicate sample, B - Analyte detected in the associated Method Blank
[ ] - Exceeds NYS Class GA Ground Water Qaulity Standard
Data have note been validated
--- Not Analized
* - Unit in nM

Table 6
Groundwater Data - Dissolved Gases
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW Stds (mg/l)	Location ID Depth Interval Sample Date Sample ID	MW-6S - 3/20/2012 MW-6S-032012 mg/l	MW-6S - 8/7/2012 MW-6S-080712 mg/l	MW-6S - 12/19/2012 MW-6S-121912 mg/l	MW-6S - 5/21/2013 MW-6S-052113 mg/l
Ethane	NS		0.00057 U	0.00057 U	0.00057 U	0.00057 U
Ethylene	NS		0.00054 U	0.00054 U	0.00054 U	0.00054 U
Methane	NS		0.0022	0.006	0.0016	0.015
Hydrogen*	NS		---	---	---	---

NOTES:
U - not detected, J - estimated, D - Diluted Result, R - unusable, NS - no standard
Dup - duplicate sample, B - Analyte detected in the associated Method Blank
[ ] - Exceeds NYS Class GA Ground Water Qaulity Standard
Data have note been validated
--- Not Analized
* - Unit in nM

Date Printed: 1/17/2023
File: https://ramboll-my.sharepoint.com/personal/yuri_veliz_ramboll_com/Documents/Desktop/Working Projects/Forest Glen/Annual Report 2022/Tables/Tab 6 - DisGas Hydrogen.xls
Database: Q:\6510_Goodyear\Forest Glen\Database\Forest_Gle

Table 6
Groundwater Data - Dissolved Gases
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW Stds (mg/l)	Location ID Depth Interval Sample Date Sample ID	MW-6S - 8/21/2013 MW-6S-082113 mg/l	MW-6S - 12/18/2013 MW-6S-121813 mg/l	MW-6S - 3/25/2014 MW-6S-032514 mg/l	MW-6S - 6/11/2014 MW-6S-061114 mg/l
Ethane	NS		.000059 J	0.0001 J	0.00012 J	.0000081 J
Ethylene	NS		.000023 J	.00005 J	0.00038	.0000099 J
Methane	NS		0.014	0.0094	0.07	0.0046
Hydrogen*	NS		0.98	0.64	0.85	2.4

NOTES:
U - not detected, J - estimated, D - Diluted Result, R - unusable, NS - no standard
Dup - duplicate sample, B - Analyte detected in the associated Method Blank
[ ] - Exceeds NYS Class GA Ground Water Qaulity Standard
Data have note been validated
--- Not Analized
* - Unit in nM

Table 6
Groundwater Data - Dissolved Gases
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW Stds (mg/l)	Location ID Depth Interval Sample Date Sample ID	MW-6S - 9/23/2014 MW6S092314 mg/L	MW-6S - 4/11/2017 MW6S041117 mg/L	MW-6S - 9/14/2017 MW6S091417 mg/L	MW-6S - 9/20/2018 MW6S092018 mg/L
Ethane	NS		0.000033 J	0.000088 J	0.000041 J	0.00020 U
Ethylene	NS		0.000067 J	0.00043	0.000061 J	0.000095 J
Methane	NS		0.036	0.042	0.038	0.00096
Hydrogen*	NS		---	---	---	---

NOTES:
U - not detected, J - estimated, D - Diluted Result, R - unusable, NS - no standard
Dup - duplicate sample, B - Analyte detected in the associated Method Blank
[ ] - Exceeds NYS Class GA Ground Water Qaulity Standard
Data have note been validated
--- Not Analized
* - Unit in nM

Date Printed: 1/17/2023
File: https://ramboll-my.sharepoint.com/personal/yuri_veliz_ramboll_com/Documents/Desktop/Working Projects/Forest Glen/Annual Report 2022/Tables/Tab 6 - DisGas Hydrogen.xls
Database: Q:\6510_Goodyear\Forest Glen\Database\Forest_Gle

Table 6
Groundwater Data - Dissolved Gases
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW Stds (mg/l)	Location ID Depth Interval Sample Date Sample ID	MW-6S - 3/20/219 MW6S032019 mg/L	MW-06S - 9/25/2019 MW-6S-092519 mg/L	MW-06S - 3/17/2020 MW 6S 031720 mg/L	MW-06S - 9/23/2020 MW 6S 092320 mg/L
Ethane	NS		0.00032	0.000074 J	0.00053	0.000075 U
Ethylene	NS		0.0028	0.000014 J	0.005	0.0014
Methane	NS		0.14	0.08	0.23	0.086
Hydrogen*	NS		---	---	---	---

NOTES:
U - not detected, J - estimated, D - Diluted Result, R - unusable, NS - no standard
Dup - duplicate sample, B - Analyte detected in the associated Method Blank
[ ] - Exceeds NYS Class GA Ground Water Qaulity Standard
Data have note been validated
--- Not Analized
* - Unit in nM

RAMBOLL

Table 6
Groundwater Data - Dissolved Gases
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW Stds (mg/l)	Location ID Depth Interval Sample Date Sample ID	MW-06S - 3/24/2021 MW6S032421 mg/l	MW-06S - 9/21/2021 MW6S092121 mg/l	MW-06S - 3/22/2022 MW6S032222 mg/l	MW-06S - 9/27/2022 MW6S 092722 mg/L
Ethane	NS		0.000075 U	0.0002 J	0.00037 J	0.00017 U
Ethylene	NS		0.00054 J	0.0015	0.0023	0.00059 J
Methane	NS		0.004 J	0.070	0.022	0.052
Hydrogen*	NS		---	---	---	---

NOTES:
U - not detected, J - estimated, D - Diluted Result, R - unusable, NS - no standard
Dup - duplicate sample, B - Analyte detected in the associated Method Blank
[ ] - Exceeds NYS Class GA Ground Water Qaulity Standard
Data have note been validated
--- Not Analized
* - Unit in nM

Table 6
Groundwater Data - Dissolved Gases
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW Stds (mg/l)	Location ID Depth Interval Sample Date Sample ID	MW-06D - 2/15/2000 MW-06D_WG_021500 mg/l	MW-06D - 8/15/2001 MW-06D_WG_081501 mg/l	MW-06D - 11/29/2001 MW-06D_WG_112901 mg/l	MW-06D - 2/27/2002 MW-06D_WG_022702 mg/l
Ethane	NS		0.002 U	0.002 U	0.002 U	0.002 U
Ethylene	NS		0.002 U	0.001 J	0.002 U	0.002 U
Methane	NS		0.05	0.03	0.05	0.04
Hydrogen*	NS		---	---	---	---

NOTES:
U - not detected, J - estimated, D - Diluted Result, R - unusable, NS - no standard
Dup - duplicate sample, B - Analyte detected in the associated Method Blank
[ ] - Exceeds NYS Class GA Ground Water Qaulity Standard
Data have note been validated
--- Not Analized
* - Unit in nM

Table 6
Groundwater Data - Dissolved Gases
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW Stds (mg/l)	Location ID Depth Interval Sample Date Sample ID	MW-06D - 5/15/2002 MW-06D_WG_051502 mg/l	MW-06D - 11/16/2004 MW-06D_WG_111604 mg/l	MW-06D - 11/15/2005 MW-6D_11152005 mg/l	MW-06D - 11/13/2006 MW-6D_11132006 mg/l
Ethane	NS		0.0013 U	0.0022 U	0.0013 U	0.0013 U
Ethylene	NS		0.0013 U	0.0022 U	0.0015	0.0013 U
Methane	NS		0.027	0.029	0.065	0.015
Hydrogen*	NS		---	---	---	---

NOTES:
U - not detected, J - estimated, D - Diluted Result, R - unusable, NS - no standard
Dup - duplicate sample, B - Analyte detected in the associated Method Blank
[ ] - Exceeds NYS Class GA Ground Water Qaulity Standard
Data have note been validated
--- Not Analized
* - Unit in nM

Table 6
Groundwater Data - Dissolved Gases
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW Stds (mg/l)	Location ID Depth Interval Sample Date Sample ID	MW-06D - 10/30/2007 MW 6 D-103007 mg/l	MW-06D - 11/19/2008 MW 6 D-111908 mg/L	MW-06D - 10/21/2009 MW-6D-102109 mg/l	MW-06D - 5/19/2010 MW-6D-051910 mg/l
Ethane	NS		0.00052 U	0.00052 U	0.00052 U	0.00057 U
Ethylene	NS		0.00081	0.00048 J	0.00075	0.0004 J
Methane	NS		0.039	0.016	0.028	0.014
Hydrogen*	NS		---	---	---	---

NOTES:
U - not detected, J - estimated, D - Diluted Result, R - unusable, NS - no standard
Dup - duplicate sample, B - Analyte detected in the associated Method Blank
[ ] - Exceeds NYS Class GA Ground Water Qaulity Standard
Data have note been validated
--- Not Analized
* - Unit in nM

Table 6
Groundwater Data - Dissolved Gases
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW Stds (mg/l)	Location ID Depth Interval Sample Date Sample ID	MW-06D - 1/19/2011 MW-6D-011911 mg/l	MW-06D - 4/20/2011 MW-6D-042011 mg/l	MW-06D - 7/26/2011 MW-6D-072611 mg/l	MW-06D - 10/26/2011 MW-6D-102611 mg/l
Ethane	NS		0.00057 U	0.00061	0.00057 U	0.00057 U
Ethylene	NS		0.0009	0.00053 U	0.00056	0.00067
Methane	NS		0.03	0.014	0.023 B	0.017 B
Hydrogen*	NS		---	---	---	---

NOTES:
U - not detected, J - estimated, D - Diluted Result, R - unusable, NS - no standard
Dup - duplicate sample, B - Analyte detected in the associated Method Blank
[ ] - Exceeds NYS Class GA Ground Water Qaulity Standard
Data have note been validated
--- Not Analized
* - Unit in nM

Table 6
Groundwater Data - Dissolved Gases
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW Stds (mg/l)	Location ID Depth Interval Sample Date Sample ID	MW-6D - 3/20/2012 MW-6D-032012 mg/l	MW-6D - 3/20/2012 X-1-032012 mg/l	MW-6D - 8/7/2012 MW-6D-080712 mg/l	MW-6D - 12/19/2012 MW-6D-121912 mg/l
Ethane	NS		0.00098	0.0015	0.00057 U	0.00057 U
Ethylene	NS		0.00054 U	0.00054 U	0.00054 U	0.00079
Methane	NS		0.029	0.047	0.013	0.021
Hydrogen*	NS		---	---	---	---

NOTES:
U - not detected, J - estimated, D - Diluted Result, R - unusable, NS - no standard
Dup - duplicate sample, B - Analyte detected in the associated Method Blank
[ ] - Exceeds NYS Class GA Ground Water Qaulity Standard
Data have note been validated
--- Not Analized
* - Unit in nM

Table 6
Groundwater Data - Dissolved Gases
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW Stds (mg/l)	Location ID Depth Interval Sample Date Sample ID	MW-6D - 5/21/2013 MW-6D-052113 mg/l	X-1 - 5/21/2013 MW-6D-052113 mg/l	MW-6D - 8/21/2013 MW-6D-082113 mg/l	MW-6D - 12/18/2013 MW-6D-121813 mg/l
Ethane	NS		0.0018	0.0018	0.00024	0.00026
Ethylene	NS		0.0011 U	0.0011U	0.003	0.0037
Methane	NS		0.06	0.061	0.085	0.1
Hydrogen*	NS		---	---	1.4	0.91

NOTES:
U - not detected, J - estimated, D - Diluted Result, R - unusable, NS - no standard
Dup - duplicate sample, B - Analyte detected in the associated Method Blank
[ ] - Exceeds NYS Class GA Ground Water Qaulity Standard
Data have note been validated
--- Not Analized
* - Unit in nM

Table 6
Groundwater Data - Dissolved Gases
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW Stds (mg/l)	Location ID Depth Interval Sample Date Sample ID	MW-6D - 3/25/2014 MW-6D-032514 mg/l	MW-6D - 6/10/2014 MW-6D-061014 mg/l	MW-6D - 9/23/2014 MW6D092314 mg/L	MW-6D - 4/11/2017 MW6D041117 mg/L
Ethane	NS		0.00017 J	.00011 J	0.00012 J	0.00011 J
Ethylene	NS		0.0002 U	.000055 J	0.000046 J	0.000029 J
Methane	NS		0.074	0.068	0.098	0.11 B
Hydrogen*	NS		0.85	0.99	0.74	---

NOTES:
U - not detected, J - estimated, D - Diluted Result, R - unusable, NS - no standard
Dup - duplicate sample, B - Analyte detected in the associated Method Blank
[ ] - Exceeds NYS Class GA Ground Water Qaulity Standard
Data have note been validated
--- Not Analized
* - Unit in nM

Table 6
Groundwater Data - Dissolved Gases
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW Stds (mg/l)	Location ID Depth Interval Sample Date Sample ID	MW-6D - 9/12/2017 MW6D091217 mg/L	MW-6D - 9/19/2018 MW6D091918 mg/L	MW-6D - 3/20/219 MW6D032019 mg/L	MW-06D - 9/24/2019 MW-6D-092419 mg/L
Ethane	NS		0.00013 J	0.00020 J	0.00012 J	0.000012 J
Ethylene	NS		0.000029 J	0.000088 J	0.000027 J	0.000040 J
Methane	NS		0.21	0.18	0.22	0.017
Hydrogen*	NS		---	---	---	---

NOTES:
U - not detected, J - estimated, D - Diluted Result, R - unusable, NS - no standard
Dup - duplicate sample, B - Analyte detected in the associated Method Blank
[ ] - Exceeds NYS Class GA Ground Water Qaulity Standard
Data have note been validated
--- Not Analized
* - Unit in nM

Table 6
Groundwater Data - Dissolved Gases
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW Stds (mg/l)	Location ID Depth Interval Sample Date Sample ID	MW-06D - 3/17/2020 MW 6D 031720 mg/L	MW-06D - 9/22/2020 MW 6D 092220 mg/L	MW-06D - 3/23/2021 MW6D032321 mg/l	MW-06D - 9/21/2021 MW6D092121 mg/l
Ethane	NS		0.00013 J	0.00021 J	0.00022 J	0.00017 U
Ethylene	NS		0.0002 U	0.00012 U	0.00012 U	0.00024 U
Methane	NS		0.21	0.18	0.26	0.24
Hydrogen*	NS		---	---	---	---

NOTES:
U - not detected, J - estimated, D - Diluted Result, R - unusable, NS - no standard
Dup - duplicate sample, B - Analyte detected in the associated Method Blank
[ ] - Exceeds NYS Class GA Ground Water Qaulity Standard
Data have note been validated
--- Not Analized
* - Unit in nM

Table 6
Groundwater Data - Dissolved Gases
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW Stds (mg/l)	Location ID Depth Interval Sample Date Sample ID	MW-06D - 3/22/2022 MW6D032222 mg/l	MW-06D - 9/27/2022 MW6D 092722 mg/L
Ethane	NS		0.00017 U	0.00017 U
Ethylene	NS		0.00024 U	0.00024 U
Methane	NS		0.24	0.31
Hydrogen*	NS		---	---

NOTES:
U - not detected, J - estimated, D - Diluted Result, R - unusable, NS - no standard
Dup - duplicate sample, B - Analyte detected in the associated Method Blank
[ ] - Exceeds NYS Class GA Ground Water Qaulity Standard
Data have note been validated
--- Not Analized
* - Unit in nM

Table 6
Groundwater Data - Dissolved Gases
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW Stds (mg/l)	Location ID Depth Interval Sample Date Sample ID	MW-06DD - 11/14/2005 MW-6DD_11142005 mg/l	MW-06DD - 11/15/2006 MW-6DD_11152006 mg/l	MW-06DD - 10/30/2007 MW 6 DD-103007 mg/l	MW-06DD - 11/19/2008 MW 6 DD-111908 mg/l
Ethane	NS		0.013 U	0.026 U	0.00053 U	0.0026 U
Ethylene	NS		0.013 U	0.026 U	0.0005	0.0025 U
Methane	NS		0.38	0.24	0.14	0.16
Hydrogen*	NS		---	---	---	---

NOTES:
U - not detected, J - estimated, D - Diluted Result, R - unusable, NS - no standard
Dup - duplicate sample, B - Analyte detected in the associated Method Blank
[ ] - Exceeds NYS Class GA Ground Water Qaulity Standard
Data have note been validated
--- Not Analized
* - Unit in nM

Table 6
Groundwater Data - Dissolved Gases
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW Stds (mg/l)	Location ID Depth Interval Sample Date Sample ID	MW-06DD - 10/21/2009 MW-6DD-102109 mg/l	MW-06DD - 05/19/2010 MW-6DD-051910 mg/l	MW-06DD - 1/19/2011 MW-6DD-011911 mg/l	MW-06DD - 4/20/2011 MW-6DD-042011 mg/l
Ethane	NS		0.00053 U	0.00057 U	0.00057 U	0.00057 U
Ethylene	NS		0.0005 U	0.00054 U	0.00054 U	0.00054 U
Methane	NS		0.056	0.025	0.06	0.00061 U
Hydrogen*	NS		---	---	---	---

NOTES:
U - not detected, J - estimated, D - Diluted Result, R - unusable, NS - no standard
Dup - duplicate sample, B - Analyte detected in the associated Method Blank
[ ] - Exceeds NYS Class GA Ground Water Qaulity Standard
Data have note been validated
--- Not Analized
* - Unit in nM

Table 6
Groundwater Data - Dissolved Gases
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW Stds (mg/l)	Location ID Depth Interval Sample Date Sample ID	MW-06DD - 7/26/2011 MW-6DD-072611 mg/l	MW-06DD - 10/26/2011 MW-6DD-102611 mg/l	MW-6DD - 3/20/2012 MW-6DD-032012 mg/l	MW-6DD - 8/7/2012 MW-6DD-080712 mg/l
Ethane	NS		0.00057 U	0.0028 U	0.00057 U	0.00057 U
Ethylene	NS		0.00054 U	0.0027 U	0.00054 U	0.00062
Methane	NS		0.06 B	0.071 B	0.045	0.07
Hydrogen*	NS		---	---	---	---

NOTES:
U - not detected, J - estimated, D - Diluted Result, R - unusable, NS - no standard
Dup - duplicate sample, B - Analyte detected in the associated Method Blank
[ ] - Exceeds NYS Class GA Ground Water Qaulity Standard
Data have note been validated
--- Not Analized
* - Unit in nM

Table 6
Groundwater Data - Dissolved Gases
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW Stds (mg/l)	Location ID Depth Interval Sample Date Sample ID	MW-6DD - 12/19/2012 MW-6DD-121912 mg/l	MW-6DD - 5/21/2013 MW-6DD-052113 mg/l	MW-6DD - 8/21/2013 MW-6DD-082113 mg/l	MW-6DD - 12/18/2013 MW-6DD-121813 mg/l
Ethane	NS		0.0028 U	0.0057 U	0.00025	0.00039
Ethylene	NS		0.0027 U	0.0054 U	0.00055	0.0011
Methane	NS		0.15	0.09	0.19	0.35
Hydrogen*	NS		---	---	0.93	0.97

NOTES:
U - not detected, J - estimated, D - Diluted Result, R - unusable, NS - no standard
Dup - duplicate sample, B - Analyte detected in the associated Method Blank
[ ] - Exceeds NYS Class GA Ground Water Qaulity Standard
Data have note been validated
--- Not Analized
* - Unit in nM

Table 6
Groundwater Data - Dissolved Gases
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW Stds (mg/l)	Location ID Depth Interval Sample Date Sample ID	MW-6DD - 3/25/2014 MW-6DD-032514 mg/l	MW-6DD - 6/10/2014 MW-6DD-061014 mg/l	MW-6DD - 9/23/2014 MW6DD092314 mg/L	MW-6DD - 4/11/2017 MW6DD041117 mg/L
Ethane	NS		0.000092 J	.00024	0.00018 J	0.000041 J
Ethylene	NS		0.00017 J	.00071	0.00034	0.000016 J
Methane	NS		0.031	0.14	0.099	0.0026 B
Hydrogen*	NS		0.7	1.1	0.92	---

NOTES:
U - not detected, J - estimated, D - Diluted Result, R - unusable, NS - no standard
Dup - duplicate sample, B - Analyte detected in the associated Method Blank
[ ] - Exceeds NYS Class GA Ground Water Qaulity Standard
Data have note been validated
--- Not Analized
* - Unit in nM

Table 6
Groundwater Data - Dissolved Gases
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW Stds (mg/l)	Location ID Depth Interval Sample Date Sample ID	MW-6DD - 9/12/2017 MW6DD091217 mg/L	MW-6DD - 9/19/2018 MW6DD091918 mg/L	MW-6DD - 3/20/2019 MW6DD032019 mg/L	MW-6DD - 9/24/2019 MW-6DD-092419 mg/L
Ethane	NS		0.00022	0.00022	0.00011 J	0.000021
Ethylene	NS		0.00028	0.00026	0.000091 J	0.000034
Methane	NS		0.19	0.12	0.024	0.13
Hydrogen*	NS		---	---	---	---

NOTES:
U - not detected, J - estimated, D - Diluted Result, R - unusable, NS - no standard
Dup - duplicate sample, B - Analyte detected in the associated Method Blank
[ ] - Exceeds NYS Class GA Ground Water Qaulity Standard
Data have note been validated
--- Not Analized
* - Unit in nM

Table 6
Groundwater Data - Dissolved Gases
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW Stds (mg/l)	Location ID Depth Interval Sample Date Sample ID	MW-06DD - 3/17/2020 MW 6DD 031720 mg/L	MW-06DD - 9/22/2020 MW 6DD 092220 mg/L	MW-06DD - 3/23/2021 MW6DD032321 mg/l	MW-06DD - 9/21/2021 MW6DD092121 mg/l
Ethane	NS		0.00012 J	0.00029 J	0.000075 U	0.00034 J
Ethylene	NS		0.000057 J	0.00032 J	0.00012 U	0.00071 J
Methane	NS		0.016	0.13	0.013	0.14
Hydrogen*	NS		---	---	---	---

NOTES:
U - not detected, J - estimated, D - Diluted Result, R - unusable, NS - no standard
Dup - duplicate sample, B - Analyte detected in the associated Method Blank
[ ] - Exceeds NYS Class GA Ground Water Qaulity Standard
Data have note been validated
--- Not Analized
* - Unit in nM

Table 6
Groundwater Data - Dissolved Gases
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW Stds (mg/l)	Location ID Depth Interval Sample Date Sample ID	MW-06DD - 3/22/2022 MW6DD032222 mg/l	MW-06DD - 9/27/2022 MW6DD 092722 mg/L
Ethane	NS		0.00031 J	0.00046 J
Ethylene	NS		0.00024 U	0.00084 J
Methane	NS		0.012	0.39
Hydrogen*	NS		---	---

NOTES:
U - not detected, J - estimated, D - Diluted Result, R - unusable, NS - no standard
Dup - duplicate sample, B - Analyte detected in the associated Method Blank
[ ] - Exceeds NYS Class GA Ground Water Qaulity Standard
Data have note been validated
--- Not Analized
* - Unit in nM

Table 6
Groundwater Data - Dissolved Gases
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW Stds (mg/l)	Location ID Depth Interval Sample Date Sample ID	MW-07S - 2/18/2000 MW-07S_WG_021800 mg/l	MW-07S - 8/16/2001 MW-07S_WG_081601 mg/l	MW-07S - 11/28/2001 MW-07S_WG_112801 mg/l	MW-07S - 2/25/2002 MW-07S_WG_022502 mg/l
Ethane	NS		0.02 U	0.02 UJ	0.002 U	0.002 U
Ethylene	NS		0.02 U	0.02 U	0.002 U	0.002 U
Methane	NS		0.4	0.6	0.012 U	0.002 U
Hydrogen*	NS		---	---	---	---

NOTES:
U - not detected, J - estimated, D - Diluted Result, R - unusable, NS - no standard
Dup - duplicate sample, B - Analyte detected in the associated Method Blank
[ ] - Exceeds NYS Class GA Ground Water Qaulity Standard
Data have note been validated
--- Not Analized
* - Unit in nM

Table 6
Groundwater Data - Dissolved Gases
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW Stds (mg/l)	Location ID Depth Interval Sample Date Sample ID	MW-07S - 5/16/2002 MW-07S_WG_051602 mg/l	MW-07S - 11/15/2004 MW-07S_WG_111504 mg/l	MW-07S - 11/16/2005 MW-7S_11162005 mg/l	MW-07S - 11/15/2006 MW-7S_11152006 mg/l
Ethane	NS		0.0013 U	0.0022 U	0.0013 U	0.0013 U
Ethylene	NS		0.0013 U	0.0022 U	0.0013 U	0.0013 U
Methane	NS		0.0007 U	0.002 U	0.00070 U	0.0015
Hydrogen*	NS		---	---	---	---

NOTES:
U - not detected, J - estimated, D - Diluted Result, R - unusable, NS - no standard
Dup - duplicate sample, B - Analyte detected in the associated Method Blank
[ ] - Exceeds NYS Class GA Ground Water Qaulity Standard
Data have note been validated
--- Not Analized
* - Unit in nM

Table 6
Groundwater Data - Dissolved Gases
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW Stds (mg/l)	Location ID Depth Interval Sample Date Sample ID	MW-07S - 10/31/2007 MW 7-S-103107 mg/l	MW-07S - 11/20/2008 MW 7-S-112008 mg/l	MW-07S - 10/20/2009 MW-7S-102009 mg/l	MW-07S - 05/17/2010 MW-7S-051710 mg/l
Ethane	NS		0.00053 U	0.00052 U	0.00052 U	0.00057 U
Ethylene	NS		0.0005 U	0.00049 U	0.00049 U	0.00054 U
Methane	NS		0.00059	0.0026	0.0029	0.00061 U
Hydrogen*	NS		---	---	---	---

NOTES:
U - not detected, J - estimated, D - Diluted Result, R - unusable, NS - no standard
Dup - duplicate sample, B - Analyte detected in the associated Method Blank
[ ] - Exceeds NYS Class GA Ground Water Qaulity Standard
Data have note been validated
--- Not Analized
* - Unit in nM

Table 6
Groundwater Data - Dissolved Gases
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW Stds (mg/l)	Location ID Depth Interval Sample Date Sample ID	MW-07S - 1/18/2011 MW-7S-011811 mg/l	MW-07S - 4/19/2011 MW-7S-041911 mg/l	MW-07S - 7/27/2011 MW-7S-072711 mg/l	MW-07S - 10/26/2011 MW-7S-102611 mg/l
Ethane	NS		0.00057 U	0.00057 U	0.00057 U	0.00057 U
Ethylene	NS		0.00054 U	0.00054 U	0.00054 U	0.00054 U
Methane	NS		0.013	0.00061 U	0.24	0.00057 J
Hydrogen*	NS		---	---	---	---

NOTES:
U - not detected, J - estimated, D - Diluted Result, R - unusable, NS - no standard
Dup - duplicate sample, B - Analyte detected in the associated Method Blank
[ ] - Exceeds NYS Class GA Ground Water Qaulity Standard
Data have note been validated
--- Not Analized
* - Unit in nM

Table 6
Groundwater Data - Dissolved Gases
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW Stds (mg/l)	Location ID Depth Interval Sample Date Sample ID	MW-07S - 3/21/2012 MW-7S-032112 mg/l	MW-7S - 8/8/2012 MW-7S-080812 mg/l	MW-7S - 12/18/2012 MW-7S-121812 mg/l	MW-7S - 5/23/2013 MW-7S-052313 mg/l
Ethane	NS		0.00057 U	0.00057 U	0.00057 U	0.00056 U
Ethylene	NS		0.00054 U	0.00054 U	0.00054 U	0.00053 U
Methane	NS		0.00084	0.011	0.00061 U	0.02
Hydrogen*	NS		---	---	---	---

NOTES:
U - not detected, J - estimated, D - Diluted Result, R - unusable, NS - no standard
Dup - duplicate sample, B - Analyte detected in the associated Method Blank
[ ] - Exceeds NYS Class GA Ground Water Qaulity Standard
Data have note been validated
--- Not Analized
* - Unit in nM

Table 6
Groundwater Data - Dissolved Gases
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW Stds (mg/l)	Location ID Depth Interval Sample Date Sample ID	MW-7S - 8/20/2013 MW-7S-082013 mg/l	MW-7S - 12/17/2013 MW-7S-121713 mg/l	MW-7S - 3/26/2014 MW-7S-032614 mg/l	MW-7S - 6/11/2014 MW-7S-061114 mg/l
Ethane	NS		0.0002 U	.000044 J	0.0002 U	.0002
Ethylene	NS		0.0002 U	0.0002 U	0.0002 U	.000015 J
Methane	NS		0.034	0.69	0.0071	0.0033
Hydrogen*	NS		1.2	0.54 J	0.69	2.1

NOTES:
U - not detected, J - estimated, D - Diluted Result, R - unusable, NS - no standard
Dup - duplicate sample, B - Analyte detected in the associated Method Blank
[ ] - Exceeds NYS Class GA Ground Water Qaulity Standard
Data have note been validated
--- Not Analized
* - Unit in nM

Table 6
Groundwater Data - Dissolved Gases
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW Stds (mg/l)	Location ID Depth Interval Sample Date Sample ID	MW-7S - 9/24/2014 MW7S092414 mg/L	MW-7S - 4/12/2017 MW7S041217 mg/L	MW-7S - 9/13/2017 MW7S091317 mg/L	MW-7S - 9/18/2018 MW7S091818 mg/L
Ethane	NS		0.0000089 J	0.0002 U	0.0002 U	0.00020 U
Ethylene	NS		0.000011 J	0.0002 U	0.0002 U	0.0000071 J
Methane	NS		0.19	0.00013 JB	0.021	0.17
Hydrogen*	NS		1.2	---	---	---

NOTES:
U - not detected, J - estimated, D - Diluted Result, R - unusable, NS - no standard
Dup - duplicate sample, B - Analyte detected in the associated Method Blank
[ ] - Exceeds NYS Class GA Ground Water Qaulity Standard
Data have note been validated
--- Not Analized
* - Unit in nM

Table 6
Groundwater Data - Dissolved Gases
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW Stds (mg/l)	Location ID Depth Interval Sample Date Sample ID	MW-7S - 3/19/2019 MW7S031919 mg/L	MW-7S - 3/19/2019 X-1-031919 mg/L	MW-07S - 9/24/2019 MW-7S-092419 mg/L	MW-07S - 3/18/2020 MW 7S 031820 mg/L
Ethane	NS		0.000014 J	0.00020 U	0.0000060 U	0.000006 U
Ethylene	NS		0.00020 U	0.00020 U	0.00012 U	0.0002 U
Methane	NS		0.00014 J	0.00013 J	0.56	0.0043
Hydrogen*	NS		---	---	---	---

NOTES:
U - not detected, J - estimated, D - Diluted Result, R - unusable, NS - no standard
Dup - duplicate sample, B - Analyte detected in the associated Method Blank
[ ] - Exceeds NYS Class GA Ground Water Qaulity Standard
Data have note been validated
--- Not Analized
* - Unit in nM

RAMBOLL

Table 6
Groundwater Data - Dissolved Gases
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW Stds (mg/l)	Location ID Depth Interval Sample Date Sample ID	MW-07S - 9/24/2020 MW 7S 092420 mg/L	MW-07S - 3/25/2021 MW7S032521 mg/l	MW-07S - 9/22/2021 MW7S092221 mg/l	MW-07S - 3/23/2022 MW7S032322 mg/l	MW-07S - 9/28/2022 MW7S 092822 mg/L
Ethane	NS		NOT SAMPLED	0.00018 J	0.00017 U	0.00017 U	0.00017 U
Ethylene	NS			0.00012 U	0.00024 U	0.00024 U	0.00024 U
Methane	NS			1.6	0.24	0.0036 J	0.002 U
Hydrogen*	NS			---	---	---	---

NOTES:
U - not detected, J - estimated, D - Diluted Result, R - unusable, NS - no standard
Dup - duplicate sample, B - Analyte detected in the associated Method Blank
[ ] - Exceeds NYS Class GA Ground Water Qaulity Standard
Data have note been validated
--- Not Analized
* - Unit in nM

Date Printed: 1/17/2023
File: https://ramboll-my.sharepoint.com/personal/yuri_veliz_ramboll_com/Documents/Desktop/Working Projects/Forest Glen/Annual Report 2022/Tables/Tab 6 - DisGas Hydrogen.xls
Database: Q:\6510_Goodyear\Forest Glen\Database\Forest_Gle

Table 6
Groundwater Data - Dissolved Gases
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW Stds (mg/l)	Location ID Depth Interval Sample Date Sample ID	MW-07D - 2/18/2000 MW-07D_WG_021800 mg/l	MW-07D - 8/16/2001 MW-07D_WG_081601 mg/l	MW-07D - 11/28/2001 MW-07D_WG_112801 mg/l	MW-07D - 2/25/2002 MW-07D_WG_022502 mg/l
Ethane	NS		0.02 U	0.02 U	0.01 U	0.02 U
Ethylene	NS		0.02 U	0.0036 J	0.01 U	0.02 U
Methane	NS		0.1	0.1	0.08	0.1
Hydrogen*	NS		---	---	---	---

NOTES:
U - not detected, J - estimated, D - Diluted Result, R - unusable, NS - no standard
Dup - duplicate sample, B - Analyte detected in the associated Method Blank
[ ] - Exceeds NYS Class GA Ground Water Qaulity Standard
Data have note been validated
--- Not Analized
* - Unit in nM

Table 6
Groundwater Data - Dissolved Gases
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW Stds (mg/l)	Location ID Depth Interval Sample Date Sample ID	MW-07D - 5/16/2002 MW-07D_WG_051602 mg/l	MW-07D - 11/15/2004 MW-07D_WG_111504 mg/l	MW-07D - 11/16/2005 MW-7D_11162005 mg/l	MW-07D - 11/15/2006 MW-7D_11152006 mg/l
Ethane	NS		0.0052 U	0.0044 U	0.13 U	0.13 U
Ethylene	NS		0.0052 U	0.0044 U	0.13 U	0.13 U
Methane	NS		0.11	0.13	0.21	0.13
Hydrogen*	NS		---	---	---	---

NOTES:
U - not detected, J - estimated, D - Diluted Result, R - unusable, NS - no standard
Dup - duplicate sample, B - Analyte detected in the associated Method Blank
[ ] - Exceeds NYS Class GA Ground Water Qaulity Standard
Data have note been validated
--- Not Analized
* - Unit in nM

Table 6
Groundwater Data - Dissolved Gases
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW Stds (mg/l)	Location ID Depth Interval Sample Date Sample ID	MW-07D - 10/31/2007 MW 7-D-103107 mg/l	MW-07D - 11/20/2008 MW 7-D-112008 mg/l	MW-07D - 10/20/2009 MW-7D-102009 mg/l	MW-07D - 05/17/2010 MW-7D-051710 mg/l
Ethane	NS		0.00052 U	0.00052 U	0.00052 U	0.00056 U
Ethylene	NS		0.00049 U	0.00049 U	0.00049 U	0.00053 U
Methane	NS		0.04	0.014	0.014	0.0057
Hydrogen*	NS		---	---	---	---

NOTES:
U - not detected, J - estimated, D - Diluted Result, R - unusable, NS - no standard
Dup - duplicate sample, B - Analyte detected in the associated Method Blank
[ ] - Exceeds NYS Class GA Ground Water Qaulity Standard
Data have note been validated
--- Not Analized
* - Unit in nM

Table 6
Groundwater Data - Dissolved Gases
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW Stds (mg/l)	Location ID Depth Interval Sample Date Sample ID	MW-07D - 1/18/2011 MW-7D-011811 mg/l	MW-07D - 4/19/2011 MW-7D-041911 mg/l	MW-07D - 7/27/2011 MW-7D-072711 mg/l	MW-07D - 10/25/2011 MW-7D-102511 mg/l
Ethane	NS		0.00057 U	0.00057 U	0.00057 U	0.00057 U
Ethylene	NS		0.00054 U	0.00054 U	0.00054 U	0.00054 U
Methane	NS		0.062	0.00061 U	0.054 B	0.00046 J
Hydrogen*	NS		---	---	---	---

NOTES:
U - not detected, J - estimated, D - Diluted Result, R - unusable, NS - no standard
Dup - duplicate sample, B - Analyte detected in the associated Method Blank
[ ] - Exceeds NYS Class GA Ground Water Qaulity Standard
Data have note been validated
--- Not Analized
* - Unit in nM

Table 6
Groundwater Data - Dissolved Gases
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW Stds (mg/l)	Location ID Depth Interval Sample Date Sample ID	MW-07D - 10/25/2011 MW-7D-102511 mg/l	MW-7D - 3/21/2012 MW-7D-032112 mg/l	MW-7D - 8/8/2012 MW-7D-080812 mg/l	MW-7D - 12/18/2012 MW-7D-121812 mg/l
Ethane	NS		0.00057 U	0.00057 U	0.0011 U	0.00057 U
Ethylene	NS		0.00054 U	0.00054 U	0.0011 U	0.00054 U
Methane	NS		0.00061 U	0.0082	0.14	0.00061 U
Hydrogen*	NS		---	---	---	---

NOTES:
U - not detected, J - estimated, D - Diluted Result, R - unusable, NS - no standard
Dup - duplicate sample, B - Analyte detected in the associated Method Blank
[ ] - Exceeds NYS Class GA Ground Water Qaulity Standard
Data have note been validated
--- Not Analized
* - Unit in nM

Table 6
Groundwater Data - Dissolved Gases
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW Stds (mg/l)	Location ID Depth Interval Sample Date Sample ID	MW-7D - 5/23/2013 MW-7D-052313 mg/l	MW-7D - 8/20/2013 MW-7D-082013 mg/l	MW-7D - 12/17/2013 MW-7D-121713 mg/l	MW-7D - 3/26/2014 MW-7D-032614 mg/l
Ethane	NS		0.028 U	0.0002 U	0.0002 U	0.000018 U
Ethylene	NS		0.027 U	0.0002 U	0.0002 U	0.000019 U
Methane	NS		0.34	0.48	0.048	0.000019 U
Hydrogen*	NS		---	1	0.49 J	1.9

NOTES:
U - not detected, J - estimated, D - Diluted Result, R - unusable, NS - no standard
Dup - duplicate sample, B - Analyte detected in the associated Method Blank
[ ] - Exceeds NYS Class GA Ground Water Qaulity Standard
Data have note been validated
--- Not Analized
* - Unit in nM

Table 6
Groundwater Data - Dissolved Gases
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW Stds (mg/l)	Location ID Depth Interval Sample Date Sample ID	MW-7D - 6/11/2014 MW-7D-061114 mg/l	MW-7D - 9/24/2014 MW7D092414 mg/L	MW-7D - 4/12/0217 MW7D041217 mg/L	MW-7D - 9/13/2017 MW7D091317 mg/L
Ethane	NS		.0002 U	0.000063 J	0.0002 U	0.0002 U
Ethylene	NS		.0002 U	0.000031 J	0.0002 U	0.0002 U
Methane	NS		.00057	0.83	0.000077 JB	0.00053
Hydrogen*	NS		1.5	1.4	---	---

NOTES:
U - not detected, J - estimated, D - Diluted Result, R - unusable, NS - no standard
Dup - duplicate sample, B - Analyte detected in the associated Method Blank
[ ] - Exceeds NYS Class GA Ground Water Qaulity Standard
Data have note been validated
--- Not Analized
* - Unit in nM

Table 6
Groundwater Data - Dissolved Gases
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW Stds (mg/l)	Location ID Depth Interval Sample Date Sample ID	MW-7D - 9/18/2018 MW7D091818 mg/L	MW-7D - 3/19/2019 MW7D031919 mg/L	MW-07D - 9/24/2019 MW-7D-092419 mg/L	MW-07D - 3/18/2020 MW 7D 031820 mg/L
Ethane	NS		0.00020 U	0.00020 U	0.0000060 U	0.0000060 U
Ethylene	NS		0.000013 J	0.00020 U	0.000012 U	0.0002 U
Methane	NS		0.18	0.00011 J	0.0024	0.00023 J
Hydrogen*	NS		---	---	---	---

NOTES:
U - not detected, J - estimated, D - Diluted Result, R - unusable, NS - no standard
Dup - duplicate sample, B - Analyte detected in the associated Method Blank
[ ] - Exceeds NYS Class GA Ground Water Qaulity Standard
Data have note been validated
--- Not Analized
* - Unit in nM

RAMBOLL

Table 6
Groundwater Data - Dissolved Gases
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW Stds (mg/l)	Location ID Depth Interval Sample Date Sample ID	MW-07D - 9/24/2020 MW 7D 092420 mg/L	MW-07D - 3/25/2021 MW7D032521 mg/l	MW-07D - 9/22/2021 MW7D092221 mg/l	MW-07D - 3/23/2022 MW7D032322 mg/l	MW-07D - 9/28/2022 MW7D 092822 mg/L
Ethane	NS		0.000075 U	0.000075 U	0.00017 U	< 0.17 U	0.00017 U
Ethylene	NS		0.00012 U	0.00012 U	0.00024 U	< 0.24 U	0.00024 U
Methane	NS		0.73	0.086	0.002 U	< 2.0 U	0.002 U
Hydrogen*	NS		---	---	---	---	---

NOTES:
U - not detected, J - estimated, D - Diluted Result, R - unusable, NS - no standard
Dup - duplicate sample, B - Analyte detected in the associated Method Blank
[ ] - Exceeds NYS Class GA Ground Water Qaulity Standard
Data have note been validated
--- Not Analized
* - Unit in nM

Table 6
Groundwater Data - Dissolved Gases
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW Stds (mg/l)	Location ID Depth Interval Sample Date Sample ID	MW-07DD - 11/16/2005 MW-7DD_11162005 mg/l	MW-07DD - 11/15/2006 MW-7DD(2)_1115200(mg/l	MW-07DD - 10/31/2007 MW 7-DD 2-103107 mg/l	MW-07DD - 11/20/2008 MW 7-DD 2-112008 mg/l
Ethane	NS		0.075 J	0.027 U	0.00053 U	0.010 U
Ethylene	NS		0.13 U	0.027 U	0.0005 U	0.0098 U
Methane	NS		0.53	0.41	0.15	0.021
Hydrogen*	NS		---	---	---	---

NOTES:
U - not detected, J - estimated, D - Diluted Result, R - unusable, NS - no standard
Dup - duplicate sample, B - Analyte detected in the associated Method Blank
[ ] - Exceeds NYS Class GA Ground Water Qaulity Standard
Data have note been validated
--- Not Analized
* - Unit in nM

Table 6
Groundwater Data - Dissolved Gases
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW Stds (mg/l)	Location ID Depth Interval Sample Date Sample ID	MW-07DD - 10/20/2009 MW-7DD-102009 mg/l	MW-07DD - 05/17/2010 MW-7DD-051710 mg/l	MW-07DD - 1/18/2011 MW-7DD-011811 mg/l	MW-07DD - 4/19/2011 MW-7DD-041911 mg/l
Ethane	NS		0.0028	0.057 U	0.029 U	0.00057 U
Ethylene	NS		0.0005 U	0.054 U	0.00054	0.00054 U
Methane	NS		0.13	0.42	0.12	0.012
Hydrogen*	NS		---	---	---	---

NOTES:
U - not detected, J - estimated, D - Diluted Result, R - unusable, NS - no standard
Dup - duplicate sample, B - Analyte detected in the associated Method Blank
[ ] - Exceeds NYS Class GA Ground Water Qaulity Standard
Data have note been validated
--- Not Analized
* - Unit in nM

Table 6
Groundwater Data - Dissolved Gases
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW Stds (mg/l)	Location ID Depth Interval Sample Date Sample ID	MW-07DD - 7/27/2011 MW-7DD(2)-072711 mg/l	MW-07DD - 10/26/2011 MW-7DD-102611 mg/l	MW-7DD - 3/21/2012 MW-7DD-032112 mg/l	MW-7DD - 8/8/2012 MW-7DD-080812 mg/l
Ethane	NS		0.00057	0.00057 U	0.0073	0.011 U
Ethylene	NS		0.00054	0.00054 U	0.0025	0.011 U
Methane	NS		0.17	0.038 B	0.59	0.55
Hydrogen*	NS		---	---	---	---

NOTES:
U - not detected, J - estimated, D - Diluted Result, R - unusable, NS - no standard
Dup - duplicate sample, B - Analyte detected in the associated Method Blank
[ ] - Exceeds NYS Class GA Ground Water Qaulity Standard
Data have note been validated
--- Not Analized
* - Unit in nM

Table 6
Groundwater Data - Dissolved Gases
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW Stds (mg/l)	Location ID Depth Interval Sample Date Sample ID	MW-7DD - 12/18/2012 MW-7DD-121812 mg/l	X-1 - 12/18/2012 MW-7DD-121812 mg/l	MW-7DD - 5/23/2013 MW-7DD-052313 mg/l	MW-7DD - 8/20/2013 MW-7DD-082013 mg/l
Ethane	NS		0.057 U	0.056 U	0.028 U	0.0092
Ethylene	NS		0.054 U	0.054 U	0.027 U	0.0002 U
Methane	NS		0.53	0.28	0.63	1.4
Hydrogen*	NS		---	---	---	0.69

NOTES:
U - not detected, J - estimated, D - Diluted Result, R - unusable, NS - no standard
Dup - duplicate sample, B - Analyte detected in the associated Method Blank
[ ] - Exceeds NYS Class GA Ground Water Qaulity Standard
Data have note been validated
--- Not Analized
* - Unit in nM

Table 6
Groundwater Data - Dissolved Gases
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW Stds (mg/l)	Location ID Depth Interval Sample Date Sample ID	MW-7DD - 12/17/2013 MW-7DD-121713 mg/l	MW-7DD - 3/26/2014 MW-7DD-032614 mg/l	MW-7DD - 6/11/2014 MW-7DD-061114 mg/l	MW-7DD - 9/24/2014 MW7DD092414 mg/L
Ethane	NS		0.021	0.014	0.0036	0.013
Ethylene	NS		0.0002 U	0.000019 U	.0002 U	0.000017 J
Methane	NS		0.93	1.4	0.67	1
Hydrogen*	NS		0.46 J	0.68	1.7	0.83

NOTES:
U - not detected, J - estimated, D - Diluted Result, R - unusable, NS - no standard
Dup - duplicate sample, B - Analyte detected in the associated Method Blank
[ ] - Exceeds NYS Class GA Ground Water Qaulity Standard
Data have note been validated
--- Not Analized
* - Unit in nM

Table 6
Groundwater Data - Dissolved Gases
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW Stds (mg/l)	Location ID Depth Interval Sample Date Sample ID	MW-7DD - 4/12/2017 MW7DD041217 mg/L	MW-7DD - 9/13/2017 MW7DD091317 mg/L	MW-7DD - 9/13/2017 MW7DD091317 mg/L	MW-7DD - 3/19/2019 MW7DD031919 mg/L
Ethane	NS		0.000072 J	0.0057	0.0054	0.0051
Ethylene	NS		0.0002 U	0.0002 U	0.00020 U	0.00020 U
Methane	NS		0.08 B	0.21	0.91	0.39
Hydrogen*	NS		---	---	---	---

NOTES:
U - not detected, J - estimated, D - Diluted Result, R - unusable, NS - no standard
Dup - duplicate sample, B - Analyte detected in the associated Method Blank
[ ] - Exceeds NYS Class GA Ground Water Qaulity Standard
Data have note been validated
--- Not Analized
* - Unit in nM

Table 6
Groundwater Data - Dissolved Gases
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW Stds (mg/l)	Location ID Depth Interval Sample Date Sample ID	MW-7DD - 9/24/2019 MW-7DD-092419 mg/L	MW-07DD - 3/18/2020 MW 7DD 031820 mg/L	MW-07DD - 9/24/2020 MW 7DD 092420 mg/L	MW-07DD - 3/24/2021 MW7DD(2)032421 mg/l
Ethane	NS		0.04	0.000032 J	0.0075	0.0035
Ethylene	NS		0.00012 U	0.0002 U	0.00012 U	0.00017 J
Methane	NS		0.016	0.0062	0.099	0.032
Hydrogen*	NS		---	---	---	---

NOTES:
U - not detected, J - estimated, D - Diluted Result, R - unusable, NS - no standard
Dup - duplicate sample, B - Analyte detected in the associated Method Blank
[ ] - Exceeds NYS Class GA Ground Water Qaulity Standard
Data have note been validated
--- Not Analized
* - Unit in nM

Table 6
Groundwater Data - Dissolved Gases
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW Stds (mg/l)	Location ID Depth Interval Sample Date Sample ID	MW-07DD - 9/23/2021 MW7DD092321 mg/l	MW-07DD - 3/23/2022 MW7DD032322 mg/l	MW-07DD - 9/28/2022 MW7DD 092822 mg/L
Ethane	NS		0.0045	0.00062 J	0.003
Ethylene	NS		0.001 U	0.00024 U	0.00024 U
Methane	NS		0.040	0.047	0.026
Hydrogen*	NS		---	---	---

NOTES:
U - not detected, J - estimated, D - Diluted Result, R - unusable, NS - no standard
Dup - duplicate sample, B - Analyte detected in the associated Method Blank
[ ] - Exceeds NYS Class GA Ground Water Qaulity Standard
Data have note been validated
--- Not Analized
* - Unit in nM

RAMBOLL

Table 6
Groundwater Data - Dissolved Gases
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW Stds (mg/l)	Location ID Depth Interval Sample Date Sample ID	MW-08S - 2/18/2000 MW-08S_WG_021800 mg/l	MW-08S - 8/16/2001 MW-08S_WG_081601 mg/l	MW-08S - 11/28/2001 MW-08S_WG_112801 mg/l	MW-08S - 2/25/2002 MW-08S_WG_022502 mg/l
Ethane	NS		0.02 U	0.02 UJ	0.002 U	0.002 U
Ethylene	NS		0.02 U	0.02 U	0.002 U	0.002 U
Methane	NS		0.04	0.2	0.012	0.02
Hydrogen*	NS		---	---	---	---

NOTES:
U - not detected, J - estimated, D - Diluted Result, R - unusable, NS - no standard
Dup - duplicate sample, B - Analyte detected in the associated Method Blank
[ ] - Exceeds NYS Class GA Ground Water Qaulity Standard
Data have note been validated
--- Not Analized
* - Unit in nM

Table 6
Groundwater Data - Dissolved Gases
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW Stds (mg/l)	Location ID Depth Interval Sample Date Sample ID	MW-08S - 5/16/2002 MW-08S_WG_051602 mg/l	MW-08S - 11/16/2004 MW-08S_WG_111604 mg/l	MW-08S - 11/16/2005 MW-8S_11162005 mg/l	MW-08S - 11/15/2006 MW-8S_11152006 mg/l
Ethane	NS		0.0013 U	0.0022 U	0.0013 U	0.0013 U
Ethylene	NS		0.0013 U	0.0022 U	0.0013 U	0.0013 U
Methane	NS		0.013	0.002 U	0.00070 U	0.00071 U
Hydrogen*	NS		---	---	---	---

NOTES:
U - not detected, J - estimated, D - Diluted Result, R - unusable, NS - no standard
Dup - duplicate sample, B - Analyte detected in the associated Method Blank
[ ] - Exceeds NYS Class GA Ground Water Qaulity Standard
Data have note been validated
--- Not Analized
* - Unit in nM

Table 6
Groundwater Data - Dissolved Gases
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW Stds (mg/l)	Location ID Depth Interval Sample Date Sample ID	MW-08S - 11/1/2007 MW8-S-110107 mg/l	MW-08S - 11/18/2008 MW8-S-111808 mg/l	MW-8S - 10/20/2009 MW-8S-102009 mg/l	MW-08S - 05/18/2010 MW-8S-051810 mg/l
Ethane	NS		0.00053 U	0.00053 U	0.00053 U	0.00057 U
Ethylene	NS		0.0005 U	0.00051 U	0.0005 U	0.00054 U
Methane	NS		0.00038 J	0.00053 J	0.00048 J	0.00031 J
Hydrogen*	NS		---	---	---	---

NOTES:
U - not detected, J - estimated, D - Diluted Result, R - unusable, NS - no standard
Dup - duplicate sample, B - Analyte detected in the associated Method Blank
[ ] - Exceeds NYS Class GA Ground Water Qaulity Standard
Data have note been validated
--- Not Analized
* - Unit in nM

Table 6
Groundwater Data - Dissolved Gases
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW Stds (mg/l)	Location ID Depth Interval Sample Date Sample ID	MW-08S - 1/18/2011 MW-8S-011811 mg/l	MW-08S - 4/19/2011 MW-8S-041911 mg/l	MW-08S - 7/27/2011 MW-8S-072711 mg/l	MW-08S - 10/25/2011 MW-8S-102511 mg/l
Ethane	NS		0.00056 U	0.00056 U	0.00057 U	0.00057 U
Ethylene	NS		0.00053 U	0.00053 U	0.00054 U	0.00054 U
Methane	NS		0.0032	0.00042 J	0.0013 B	0.00038 J
Hydrogen*	NS		---	---	---	---

NOTES:
U - not detected, J - estimated, D - Diluted Result, R - unusable, NS - no standard
Dup - duplicate sample, B - Analyte detected in the associated Method Blank
[ ] - Exceeds NYS Class GA Ground Water Qaulity Standard
Data have note been validated
--- Not Analized
* - Unit in nM

Table 6
Groundwater Data - Dissolved Gases
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW Stds (mg/l)	Location ID Depth Interval Sample Date Sample ID	MW-8S - 3/21/2012 MW-8S-032112 mg/l	MW-8S - 8/8/2012 MW-8S-080812 mg/l	MW-8S - 12/18/2012 MW-8S-121812 mg/l	MW-8S - 5/22/2013 MW-8S-052213 mg/l
Ethane	NS		0.00057 U	0.00057 U	0.00057 U	0.00055 U
Ethylene	NS		0.00054 U	0.00054 U	0.00054 U	0.00053 U
Methane	NS		0.0013	0.00083	0.00061 U	0.018
Hydrogen*	NS		---	---	---	---

NOTES:
U - not detected, J - estimated, D - Diluted Result, R - unusable, NS - no standard
Dup - duplicate sample, B - Analyte detected in the associated Method Blank
[ ] - Exceeds NYS Class GA Ground Water Qaulity Standard
Data have note been validated
--- Not Analized
* - Unit in nM

Table 6
Groundwater Data - Dissolved Gases
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW Stds (mg/l)	Location ID Depth Interval Sample Date Sample ID	MW-8S - 8/20/2013 MW-8S-082013 mg/l	X-1 - 8/20/2013 MW-8S-082013 mg/l	MW-8S - 12/17/2013 MW-8S-121713 mg/l	MW-8S - 3/26/2014 MW-8S-032614 mg/l
Ethane	NS		.000031 J	.000033 J	0.0002 U	0.000018 U
Ethylene	NS		.000033 J	.000035 J	0.0002 U	0.000019 U
Methane	NS		0.0095	0.011	0.0033	0.00028
Hydrogen*	NS		1.4	---	0.66	0.76

NOTES:
U - not detected, J - estimated, D - Diluted Result, R - unusable, NS - no standard
Dup - duplicate sample, B - Analyte detected in the associated Method Blank
[ ] - Exceeds NYS Class GA Ground Water Qaulity Standard
Data have note been validated
--- Not Analized
* - Unit in nM

Table 6
Groundwater Data - Dissolved Gases
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW Stds (mg/l)	Location ID Depth Interval Sample Date Sample ID	MW-8S - 6/11/2014 MW-8S-061114 mg/l	MW-8S - 9/24/2014 MW8S092414 mg/L	MW-8S - 4/12/2017 MW8S041217 mg/L	MW-8S - 9/13/2017 MW8S091317 mg/L
Ethane	NS		.0000061 J	0.000012 J	0.0002 U	0.0002 U
Ethylene	NS		.0002 U	0.00002 J	0.0002 U	0.0002 U
Methane	NS		0.00057	0.0017	0.00028 JB	0.0025
Hydrogen*	NS		1.9	0.87	---	---

NOTES:
U - not detected, J - estimated, D - Diluted Result, R - unusable, NS - no standard
Dup - duplicate sample, B - Analyte detected in the associated Method Blank
[ ] - Exceeds NYS Class GA Ground Water Qaulity Standard
Data have note been validated
--- Not Analized
* - Unit in nM

Table 6
Groundwater Data - Dissolved Gases
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW Stds (mg/l)	Location ID Depth Interval Sample Date Sample ID	MW-8S - 9/18/2018 MW8S091818 mg/L	MW-8S - 3/19/2019 MW8S031919 mg/L	MW-08S - 9/24/2019 MW-8S-092419 mg/ L	MW-08S - 3/18/2020 MW 8S 031820 mg/ L
Ethane	NS		0.00020 U	0.00020 U	0.00010 J	0.000006 U
Ethylene	NS		0.000010 J	0.00020 U	0.00013 J	0.0002 U
Methane	NS		0.0018	0.00013 J	0.0016	0.0014
Hydrogen*	NS		---	---	---	---

NOTES:
U - not detected, J - estimated, D - Diluted Result, R - unusable, NS - no standard
Dup - duplicate sample, B - Analyte detected in the associated Method Blank
[ ] - Exceeds NYS Class GA Ground Water Qaulity Standard
Data have note been validated
--- Not Analized
* - Unit in nM

Table 6
Groundwater Data - Dissolved Gases
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW Stds (mg/l)	Location ID Depth Interval Sample Date Sample ID	MW-08S - 9/24/2020 MW 8S 092420 mg/ L	MW-08S - 3/25/2021 MW8S032521 mg/l	MW-08S - 9/22/2021 MW8S092221 mg/l	MW-08S - 3/23/2022 MW8S032322 mg/l
Ethane	NS		0.000075 U	0.000075 U	0.00017 U	0.00017 U
Ethylene	NS		0.00012 U	0.00012 U	0.00024 U	0.00024 U
Methane	NS		0.0045 J	0.0042 J	0.002 U	0.0031 J
Hydrogen*	NS		---	---	---	---

NOTES:
U - not detected, J - estimated, D - Diluted Result, R - unusable, NS - no standard
Dup - duplicate sample, B - Analyte detected in the associated Method Blank
[ ] - Exceeds NYS Class GA Ground Water Qaulity Standard
Data have note been validated
--- Not Analized
* - Unit in nM

Table 6
Groundwater Data - Dissolved Gases
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW Stds (mg/l)	Location ID Depth Interval Sample Date Sample ID	MW-08S - 9/28/2022 MW8S 092822 mg/L	MW-08S - 9/28/2022 X-1 092822 mg/L		
Ethane	NS		0.00017 U	0.00017 U		
Ethylene	NS		0.00024 U	0.00024 U		
Methane	NS		0.002 U	0.002 U		
Hydrogen*	NS		---	---		

NOTES:
U - not detected, J - estimated, D - Diluted Result, R - unusable, NS - no standard
Dup - duplicate sample, B - Analyte detected in the associated Method Blank
[ ] - Exceeds NYS Class GA Ground Water Qaulity Standard
Data have note been validated
--- Not Analized
* - Unit in nM

RAMBOLL

Table 6
Groundwater Data - Dissolved Gases
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW Stds (mg/l)	Location ID Depth Interval Sample Date Sample ID	MW-08D - 2/18/2000 MW-08D_WG_021800 mg/l	MW-08D - 8/16/2001 MW-08D_WG_081601 mg/l	MW-08D - 11/28/2001 MW-08D_WG_112801 mg/l	MW-08D - 2/25/2002 MW-08D_WG_022502 mg/l
Ethane	NS		0.02 U	0.01 U	0.002 U	0.02 U
Ethylene	NS		0.02 U	0.0009 J	0.002 U	0.02 U
Methane	NS		0.1	0.11	0.06	0.1
Hydrogen*	NS		---	---	---	---

NOTES:
U - not detected, J - estimated, D - Diluted Result, R - unusable, NS - no standard
Dup - duplicate sample, B - Analyte detected in the associated Method Blank
[ ] - Exceeds NYS Class GA Ground Water Qaulity Standard
Data have note been validated
--- Not Analized
* - Unit in nM

Table 6
Groundwater Data - Dissolved Gases
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW Stds (mg/l)	Location ID Depth Interval Sample Date Sample ID	MW-08D - 5/16/2002 MW-08D_WG_051602 mg/l	MW-08D - 11/16/2004 MW-08D_WG_111604 mg/l	MW-08D - 11/16/2005 MW-8D_11162005 mg/l	MW-08D - 11/15/2006 MW-8D_11152006 mg/l
Ethane	NS		0.0052 U	0.0022 U	0.026 U	0.0013 U
Ethylene	NS		0.0052 U	0.0022 U	0.026 U	0.0013 U
Methane	NS		0.068	0.029	0.13	0.017
Hydrogen*	NS		---	---	---	---

NOTES:
U - not detected, J - estimated, D - Diluted Result, R - unusable, NS - no standard
Dup - duplicate sample, B - Analyte detected in the associated Method Blank
[ ] - Exceeds NYS Class GA Ground Water Qaulity Standard
Data have note been validated
--- Not Analized
* - Unit in nM

Table 6
Groundwater Data - Dissolved Gases
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW Stds (mg/l)	Location ID Depth Interval Sample Date Sample ID	MW-08D - 11/1/2007 MW8-D-110107 mg/l	MW-08D - 11/18/2008 MW8-D-111808 mg/L	MW-08D - 10/20/2009 MW-8D-102009 mg/l	MW-08D - 5/18/2010 MW-8D-051810 mg/l
Ethane	NS		0.00053 U	0.0015	0.00052 U	0.00057 U
Ethylene	NS		0.0005 U	0.0017	0.00049 U	0.00054 U
Methane	NS		0.054	0.055	0.041	0.014
Hydrogen*	NS		---	---	---	---

NOTES:
U - not detected, J - estimated, D - Diluted Result, R - unusable, NS - no standard
Dup - duplicate sample, B - Analyte detected in the associated Method Blank
[ ] - Exceeds NYS Class GA Ground Water Qaulity Standard
Data have note been validated
--- Not Analized
* - Unit in nM

Table 6
Groundwater Data - Dissolved Gases
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW Stds (mg/l)	Location ID Depth Interval Sample Date Sample ID	MW-08D - 1/19/2011 MW-8D-011911 mg/l	MW-08D - 4/19/2011 MW-8D-041911 mg/l	MW-08D - 7/27/2011 MW-8D-072711 mg/l	MW-08D - 10/25/2011 MW-8D-102511 mg/l
Ethane	NS		0.00057 U	0.00057 U	0.00057 U	0.00057 U
Ethylene	NS		0.00054 U	0.00054 U	0.00054 U	0.00054 U
Methane	NS		0.1	0.031	0.039 B	0.045 B
Hydrogen*	NS		---	---	---	---

NOTES:
U - not detected, J - estimated, D - Diluted Result, R - unusable, NS - no standard
Dup - duplicate sample, B - Analyte detected in the associated Method Blank
[ ] - Exceeds NYS Class GA Ground Water Qaulity Standard
Data have note been validated
--- Not Analized
* - Unit in nM

Table 6
Groundwater Data - Dissolved Gases
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW Stds (mg/l)	Location ID Depth Interval Sample Date Sample ID	MW-8D - 3/21/2012 MW-8D-032112 mg/l	MW-8D - 8/8/2012 MW-8D-080812 mg/l	MW-8D - 12/18/2012 MW-8D-121812 mg/l	MW-8D - 5/22/2013 MW-8D-052213 mg/l
Ethane	NS		0.00057 U	0.00057 U	0.0028 U	0.0028 U
Ethylene	NS		0.00054 U	0.00054 U	0.0027 U	0.0027 U
Methane	NS		0.046	0.064	0.16	0.11
Hydrogen*	NS		---	---	---	---

NOTES:
U - not detected, J - estimated, D - Diluted Result, R - unusable, NS - no standard
Dup - duplicate sample, B - Analyte detected in the associated Method Blank
[ ] - Exceeds NYS Class GA Ground Water Qaulity Standard
Data have note been validated
--- Not Analized
* - Unit in nM

Table 6
Groundwater Data - Dissolved Gases
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW Stds (mg/l)	Location ID Depth Interval Sample Date Sample ID	MW-8D - 8/20/2013 MW-8D-082013 mg/l	MW-8D - 12/17/2013 MW-8D-121713 mg/l	MW-8D - 3/26/2014 MW-8D-032614 mg/l	X-1 - 3/26/2014 MW-8D-032614 mg/l
Ethane	NS		0.00023	0.00021	0.0002	0.00022
Ethylene	NS		0.00016 J	0.00011 J	0.00018 J	0.000055 J
Methane	NS		0.18	0.37	0.51	0.48
Hydrogen*	NS		1.3	0.6	0.73	---

NOTES:
U - not detected, J - estimated, D - Diluted Result, R - unusable, NS - no standard
Dup - duplicate sample, B - Analyte detected in the associated Method Blank
[ ] - Exceeds NYS Class GA Ground Water Qaulity Standard
Data have note been validated
--- Not Analized
* - Unit in nM

Table 6
Groundwater Data - Dissolved Gases
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW Stds (mg/l)	Location ID Depth Interval Sample Date Sample ID	MW-8D - 6/11/2014 MW-8D-061114 mg/l	MW-8D - 9/24/2014 MW8D092414 mg/L	X-1 - 9/24/2014 MW8D092414 mg/L	MW-8D - 4/13/2017 MW8D041317 mg/L
Ethane	NS		0.00033	0.00033	0.00036	0.00024
Ethylene	NS		.00014 J	0.00012 J	0.00012 J	0.000032 J
Methane	NS		0.13	0.092	0.1	0.49 d,B
Hydrogen*	NS		2	0.8	---	---

NOTES:
U - not detected, J - estimated, D - Diluted Result, R - unusable, NS - no standard
Dup - duplicate sample, B - Analyte detected in the associated Method Blank
[ ] - Exceeds NYS Class GA Ground Water Qaulity Standard
Data have note been validated
--- Not Analized
* - Unit in nM

Table 6
Groundwater Data - Dissolved Gases
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW Stds (mg/l)	Location ID Depth Interval Sample Date Sample ID	MW-8D - 9/13/2017 MW8D091317 mg/L	MW-8D - 9/18/2018 MW8D091819 mg/L	MW-8D - 3/19/2019 MW8D031919 mg/L	MW-08D - 9/24/2019 MW-8D-092419 mg/L
Ethane	NS		0.00026	0.00019 J	0.00016 J	0.02
Ethylene	NS		0.0002 U	0.000024 J	0.000017 J	0.00019 J
Methane	NS		0.17	0.26	0.26	0.26
Hydrogen*	NS		---	---	---	---

NOTES:
U - not detected, J - estimated, D - Diluted Result, R - unusable, NS - no standard
Dup - duplicate sample, B - Analyte detected in the associated Method Blank
[ ] - Exceeds NYS Class GA Ground Water Qaulity Standard
Data have note been validated
--- Not Analized
* - Unit in nM

Table 6
Groundwater Data - Dissolved Gases
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW Stds (mg/l)	Location ID Depth Interval Sample Date Sample ID	MW-08D - 3/18/2020 MW 8D 031820 mg/L	MW-08D - 9/23/2020 MW 8D 092320 mg/L	MW-08D - 3/25/2021 MW8D032521 mg/l	MW-08D - 9/22/2021 MW8D092221 mg/l
Ethane	NS		0.00014 J	0.0004 J	0.00068 J	0.00034 J
Ethylene	NS		0.0002 U	0.00012 U	0.00012 U	0.00024 U
Methane	NS		0.27	0.33	0.16	0.39
Hydrogen*	NS		---	---	---	---

NOTES:
U - not detected, J - estimated, D - Diluted Result, R - unusable, NS - no standard
Dup - duplicate sample, B - Analyte detected in the associated Method Blank
[ ] - Exceeds NYS Class GA Ground Water Qaulity Standard
Data have note been validated
--- Not Analized
* - Unit in nM

Table 6
Groundwater Data - Dissolved Gases
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW Stds (mg/l)	Location ID Depth Interval Sample Date Sample ID	MW-08D - 3/23/2022 MW8D032322 mg/l	MW-08D - 3/23/2022 X-1-032322 mg/l	MW-08D - 9/28/2022 MW8D 092822 mg/L
Ethane	NS		0.00029 J	0.00017 U	0.0002 J
Ethylene	NS		0.00024 U	0.00024 U	0.00024 U
Methane	NS		0.2	0.18	0.16
Hydrogen*	NS		---	---	---

NOTES:
U - not detected, J - estimated, D - Diluted Result, R - unusable, NS - no standard
Dup - duplicate sample, B - Analyte detected in the associated Method Blank
[ ] - Exceeds NYS Class GA Ground Water Qaulity Standard
Data have note been validated
--- Not Analized
* - Unit in nM

Table 6
Groundwater Data - Dissolved Gases
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW Stds (mg/l)	Location ID Depth Interval Sample Date Sample ID	MW-08DD - 11/16/2005 MW-8DD_11162005 mg/l	MW-08DD - 11/15/2006 MW-8DD_11152006 mg/l	MW-08DD - 11/1/2007 MW-8DD-110107 mg/l	MW-08DD - 11/18/2008 MW-8DD-111808 mg/l
Ethane	NS		0.014 J	0.0027 U	0.00053 U	0.001 U
Ethylene	NS		0.026 U	0.0027 U	0.0005 U	0.00098 U
Methane	NS		0.25	0.086	0.13	0.067
Hydrogen*	NS		---	---	---	---

NOTES:
U - not detected, J - estimated, D - Diluted Result, R - unusable, NS - no standard
Dup - duplicate sample, B - Analyte detected in the associated Method Blank
[ ] - Exceeds NYS Class GA Ground Water Qaulity Standard
Data have note been validated
--- Not Analized
* - Unit in nM

Table 6
Groundwater Data - Dissolved Gases
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW Stds (mg/l)	Location ID Depth Interval Sample Date Sample ID	MW-08DD - 10/20/2009 MW-8DD-102009 mg/l	MW-08DD - 05/18/2010 MW-8DD-051810 mg/l	MW-8DD - 1/18/2011 MW-8DD-011811 mg/l	MW-8DD - 4/19/2011 MW-8DD-041911 mg/l
Ethane	NS		0.0043	0.0013	0.00057 U	0.00057 U
Ethylene	NS		0.0005 U	0.00054 U	0.00054 U	0.00054 U
Methane	NS		0.054	0.053	0.031	0.00061 U
Hydrogen*	NS		---	---	---	---

NOTES:
U - not detected, J - estimated, D - Diluted Result, R - unusable, NS - no standard
Dup - duplicate sample, B - Analyte detected in the associated Method Blank
[ ] - Exceeds NYS Class GA Ground Water Qaulity Standard
Data have note been validated
--- Not Analized
* - Unit in nM

Table 6
Groundwater Data - Dissolved Gases
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW Stds (mg/l)	Location ID Depth Interval Sample Date Sample ID	MW-08DD - 7/27/2011 MW-8DD-072711 mg/l	MW-08DD - 10/25/2011 MW-8DD-102511 mg/l	MW-8DD - 3/21/2012 MW-8DD-032112 mg/l	MW-8DD - 8/8/2012 MW-8DD-080812 mg/l
Ethane	NS		0.00029 J	0.00057 U	0.00057 U	0.00057 U
Ethylene	NS		0.00054 U	0.00054 U	0.00054 U	0.00054 U
Methane	NS		0.027 B	0.017 B	0.015	0.033
Hydrogen*	NS		---	---	---	---

NOTES:
U - not detected, J - estimated, D - Diluted Result, R - unusable, NS - no standard
Dup - duplicate sample, B - Analyte detected in the associated Method Blank
[ ] - Exceeds NYS Class GA Ground Water Qaulity Standard
Data have note been validated
--- Not Analized
* - Unit in nM

RAMBOLL

Table 6
Groundwater Data - Dissolved Gases
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW Stds (mg/l)	Location ID Depth Interval Sample Date Sample ID	MW-8DD - 12/18/2012 MW-8DD-121812 mg/l	MW-8DD - 5/22/2013 MW-8DD-052213 mg/l	MW-8DD - 8/20/2013 MW-8DD-082013 mg/l	MW-8DD - 12/17/2013 MW-8DD-082013 mg/l
Ethane	NS		0.0028 U	0.0028 U	0.00093	0.0021
Ethylene	NS		0.0027 U	0.0027 U	2.5E-05 J	0.0002 U
Methane	NS		0.091	0.071	0.026	0.1
Hydrogen*	NS		---	---	0.73	1.2

NOTES:
U - not detected, J - estimated, D - Diluted Result, R - unusable, NS - no standard
Dup - duplicate sample, B - Analyte detected in the associated Method Blank
[ ] - Exceeds NYS Class GA Ground Water Qaulity Standard
Data have note been validated
--- Not Analized
* - Unit in nM

Table 6
Groundwater Data - Dissolved Gases
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW Stds (mg/l)	Location ID Depth Interval Sample Date Sample ID	MW-8DD - 3/26/2014 MW-8DD-032614 mg/l	MW-8DD - 6/11/2014 MW-8DD-061114 mg/l	MW-8DD - 9/24/2014 MW8DD092414 mg/L	MW-8DD - 4/13/2017 MW8DD041317 mg/L
Ethane	NS		0.00088	0.0012	0.0024	0.00013 J
Ethylene	NS		0.000025 J	.000018 J	0.000032 J	0.000014 J
Methane	NS		0.05	0.061	0.07	0.36d,B
Hydrogen*	NS		0.61	1.7	1.1	---

NOTES:
U - not detected, J - estimated, D - Diluted Result, R - unusable, NS - no standard
Dup - duplicate sample, B - Analyte detected in the associated Method Blank
[ ] - Exceeds NYS Class GA Ground Water Qaulity Standard
Data have note been validated
--- Not Analized
* - Unit in nM

Table 6
Groundwater Data - Dissolved Gases
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW Stds (mg/l)	Location ID Depth Interval Sample Date Sample ID	MW-8DD - 9/13/2017 MW8DD091317 mg/L	MW-8DD - 9/18/2018 MW8DD091818 mg/L	MW-8DD - 3/19/2019 MW8DD031919 mg/L	MW-08DD - 9/24/2019 MW-8DD-092419 mg/L
Ethane	NS		0.0019	0.0016	0.00019 J	0.0016 J
Ethylene	NS		0.0002 U	0.000013 J	0.000018 J	0.000032 J
Methane	NS		0.36	0.18	0.18	0.14
Hydrogen*	NS		---	---	---	---

NOTES:
U - not detected, J - estimated, D - Diluted Result, R - unusable, NS - no standard
Dup - duplicate sample, B - Analyte detected in the associated Method Blank
[ ] - Exceeds NYS Class GA Ground Water Qaulity Standard
Data have note been validated
--- Not Analized
* - Unit in nM

RAMBOLL

Table 6
Groundwater Data - Dissolved Gases
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW Stds (mg/l)	Location ID Depth Interval Sample Date Sample ID	MW-08DD - 3/18/2020 MW 8DD 031820 mg/L	MW-08DD - 9/23/2020 MW 8DD 092320 mg/L	MW-08DD - 3/25/2021 MW8DD032521 mg/l	MW-08DD - 9/22/2021 MW8DD092221 mg/l
Ethane	NS		0.000081 J	0.0031	0.0026 J	0.0019
Ethylene	NS		0.0002 U	0.00012 U	0.00012 U	0.00024 U
Methane	NS		0.093	0.085	0.31	0.080
Hydrogen*	NS		---	---	---	---

NOTES:
U - not detected, J - estimated, D - Diluted Result, R - unusable, NS - no standard
Dup - duplicate sample, B - Analyte detected in the associated Method Blank
[ ] - Exceeds NYS Class GA Ground Water Qaulity Standard
Data have note been validated
--- Not Analized
* - Unit in nM

Table 6
Groundwater Data - Dissolved Gases
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW Stds (mg/l)	Location ID Depth Interval Sample Date Sample ID	MW-08DD - 3/23/2022 MW8DD032322 mg/l	MW-08DD - 9/28/2022 MW8DD 092822 mg/L
Ethane	NS		0.00017 U	0.00041 J
Ethylene	NS		0.00024 U	0.00024 U
Methane	NS		0.1	0.39
Hydrogen*	NS		---	---

NOTES:
U - not detected, J - estimated, D - Diluted Result, R - unusable, NS - no standard
Dup - duplicate sample, B - Analyte detected in the associated Method Blank
[ ] - Exceeds NYS Class GA Ground Water Qaulity Standard
Data have note been validated
--- Not Analized
* - Unit in nM

Table 6
Groundwater Data - Dissolved Gases
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW Stds (mg/l)	Location ID Depth Interval Sample Date Sample ID	MW-10S - 2/15/2000 MW-10S_WG_021500 mg/l	MW-10S - 8/14/2001 MW-10S_WG_081401 mg/l	MW-10S - 11/29/2001 MW-10S_WG_112901 mg/l	MW-10S - 2/27/2002 MW-10S_WG_022702 mg/l
Ethane	NS		0.002 U	0.002 U	0.002 U	0.002 U
Ethylene	NS		0.002 U	0.002 U	0.002 U	0.002 U
Methane	NS		0.001	0.003 J	0.012 U	0.002 U
Hydrogen*	NS		---	---	---	---

NOTES:
U - not detected, J - estimated, D - Diluted Result, R - unusable, NS - no standard
Dup - duplicate sample, B - Analyte detected in the associated Method Blank
[ ] - Exceeds NYS Class GA Ground Water Qaulity Standard
Data have note been validated
--- Not Analized
* - Unit in nM

Table 6
Groundwater Data - Dissolved Gases
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW Stds (mg/l)	Location ID Depth Interval Sample Date Sample ID	MW-10S - 5/15/2002 MW-10S_WG_051502 mg/l	MW-10S - 11/17/2004 MW-10S_WG_111704 mg/l	MW-10S - 11/14/2005 MW-10S_11142005 mg/l	MW-10S - 11/14/2006 MW-10S_11142006 mg/l
Ethane	NS		0.0013 U	0.0022 U	0.0013 U	0.0013 U
Ethylene	NS		0.0013 U	0.0022 U	0.0013 U	0.0013 U
Methane	NS		0.0007 U	0.023	0.0085	0.0036
Hydrogen*	NS		---	---	---	---

NOTES:
U - not detected, J - estimated, D - Diluted Result, R - unusable, NS - no standard
Dup - duplicate sample, B - Analyte detected in the associated Method Blank
[ ] - Exceeds NYS Class GA Ground Water Qaulity Standard
Data have note been validated
--- Not Analized
* - Unit in nM

Table 6
Groundwater Data - Dissolved Gases
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW Stds (mg/l)	Location ID Depth Interval Sample Date Sample ID	MW-10S - 10/30/2007 MW 10 S-103007 mg/l	MW-10S - 11/19/2008 MW 10 S-111908 mg/l	MW-10S - 10/22/2009 MW-10S-102209 mg/l	MW-10S - 05/18/2010 MW-10S-051810 mg/l
Ethane	NS		0.00053 U	0.00052 U	0.00053 U	0.00057 U
Ethylene	NS		0.0005 U	0.00049 U	0.0005 U	0.00054 U
Methane	NS		0.011	0.0036	0.0048	0.0009
Hydrogen*	NS		---	---	---	---

NOTES:
U - not detected, J - estimated, D - Diluted Result, R - unusable, NS - no standard
Dup - duplicate sample, B - Analyte detected in the associated Method Blank
[ ] - Exceeds NYS Class GA Ground Water Qaulity Standard
Data have note been validated
--- Not Analized
* - Unit in nM

Table 6
Groundwater Data - Dissolved Gases
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW Stds (mg/l)	Location ID Depth Interval Sample Date Sample ID	MW-10S - 1/20/2011 MW-10S-012011 mg/l	MW-10S - 4/20/2011 MW-10S-042011 mg/l	MW-10S - 7/26/2011 MW-10S-072611 mg/l	MW-10S - 10/27/2011 MW-10S-102711 mg/l
Ethane	NS		0.00056 U	0.00057 U	0.00057 U	0.00057 U
Ethylene	NS		0.00053 U	0.00054 U	0.00054 U	0.00054 U
Methane	NS		0.0016	0.00066	0.0034 B	0.0055 B
Hydrogen*	NS		---	---	---	---

NOTES:
U - not detected, J - estimated, D - Diluted Result, R - unusable, NS - no standard
Dup - duplicate sample, B - Analyte detected in the associated Method Blank
[ ] - Exceeds NYS Class GA Ground Water Qaulity Standard
Data have note been validated
--- Not Analized
* - Unit in nM

Table 6
Groundwater Data - Dissolved Gases
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW Stds (mg/l)	Location ID Depth Interval Sample Date Sample ID	MW-10S - 3/20/2012 MW-10S-032012 mg/l	MW-10S - 8/7/2012 MW-10S-080712 mg/l	MW-10S - 12/19/2012 MW-10S-121912 mg/l	MW-10S - 5/21/2013 MW-10S-052113 mg/l
Ethane	NS		0.00057 U	0.00057 U	0.00057 U	0.00056 U
Ethylene	NS		0.00054 U	0.00054 U	0.00054 U	0.00053 U
Methane	NS		0.00055 J	0.0067	0.0024	0.0026
Hydrogen*	NS		---	---	---	---

NOTES:
U - not detected, J - estimated, D - Diluted Result, R - unusable, NS - no standard
Dup - duplicate sample, B - Analyte detected in the associated Method Blank
[ ] - Exceeds NYS Class GA Ground Water Qaulity Standard
Data have note been validated
--- Not Analized
* - Unit in nM

Table 6
Groundwater Data - Dissolved Gases
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW Stds (mg/l)	Location ID Depth Interval Sample Date Sample ID	MW-10S - 8/22/2013 MW-10S-082213 mg/l	MW-10S - 12/18/2013 MW-10S-121813 mg/l	MW-10S - 3/25/2014 MW-10S-032514 mg/l	MW-10S - 6/10/2014 MW-10S-061014 mg/l
Ethane	NS		.000027 J	.000032 J	0.000095 J	.000097 J
Ethylene	NS		0.0002 U	0.0002 U	0.000019 U	0.0000097
Methane	NS		0.0096	0.014	0.032	0.041
Hydrogen*	NS		0.71	0.69	0.73	1.2

NOTES:
U - not detected, J - estimated, D - Diluted Result, R - unusable, NS - no standard
Dup - duplicate sample, B - Analyte detected in the associated Method Blank
[ ] - Exceeds NYS Class GA Ground Water Qaulity Standard
Data have note been validated
--- Not Analized
* - Unit in nM

Table 6
Groundwater Data - Dissolved Gases
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW Stds (mg/l)	Location ID Depth Interval Sample Date Sample ID	MW-10S - 9/23/2014 MW10S092314 mg/L	MW-10S - 4/11/2017 MW10S041117 mg/L	MW-10S - 9/12/2017 MW10S091217 mg/L	MW-10S - 9/19/2018 MW10S091918 mg/L
Ethane	NS		0.000093 J	0.000048 J	0.00013 J	0.000072 J
Ethylene	NS		0.000074 J	0.0002 U	0.00014 J	0.000082 J
Methane	NS		0.025	0.031 B	0.034	0.028
Hydrogen*	NS		0.95	---	---	---

NOTES:
U - not detected, J - estimated, D - Diluted Result, R - unusable, NS - no standard
Dup - duplicate sample, B - Analyte detected in the associated Method Blank
[ ] - Exceeds NYS Class GA Ground Water Qaulity Standard
Data have note been validated
--- Not Analized
* - Unit in nM

Table 6
Groundwater Data - Dissolved Gases
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW Stds (mg/l)	Location ID Depth Interval Sample Date Sample ID	X-1 - 9/19/2018 MW10S091918 mg/L	MW-10S - 3/20/2019 MW10S031919 mg/L	MW-10S - 9/25/2019 MW-10S-092519 mg/L	MW-10S - 3/17/2020 MW 10S 031720 mg/L
Ethane	NS		0.000067 J	0.000098 J	0.000078 J	0.000073 J
Ethylene	NS		0.000076 J	0.0002 U	0.000085 J	0.000023 J
Methane	NS		0.029	0.074	0.032	0.059
Hydrogen*	NS		---	---	---	---

NOTES:
U - not detected, J - estimated, D - Diluted Result, R - unusable, NS - no standard
Dup - duplicate sample, B - Analyte detected in the associated Method Blank
[ ] - Exceeds NYS Class GA Ground Water Qaulity Standard
Data have note been validated
--- Not Analized
* - Unit in nM

Date Printed: 1/17/2023
File: https://ramboll-my.sharepoint.com/personal/yuri_veliz_ramboll_com/Documents/Desktop/Working Projects/Forest Glen/Annual Report 2022/Tables/Tab 6 - DisGas Hydrogen.xls
Database: Q:\6510_Goodyear\Forest Glen\Database\Forest_Gle

Table 6
Groundwater Data - Dissolved Gases
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW Stds (mg/l)	Location ID Depth Interval Sample Date Sample ID	MW-10S - 9/23/2020 MW 10S 092320 mg/L	MW-10S - 9/23/2020 X-1 092320 mg/L	MW-10S - 9/23/2021 MW10S092321 mg/l	MW-10S - 9/23/2021 X-1 092321 mg/l
Ethane	NS		0.000075 U	0.000075 U	0.00037 J	0.00032 J
Ethylene	NS		0.00012 U	0.00012 U	0.001 U	0.001 U
Methane	NS		0.036	0.045	0.038	0.042
Hydrogen*	NS		---	---	---	---

NOTES:
U - not detected, J - estimated, D - Diluted Result, R - unusable, NS - no standard
Dup - duplicate sample, B - Analyte detected in the associated Method Blank
[ ] - Exceeds NYS Class GA Ground Water Qaulity Standard
Data have note been validated
--- Not Analized
* - Unit in nM

Table 6
Groundwater Data - Dissolved Gases
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW Stds (mg/l)	Location ID Depth Interval Sample Date Sample ID	MW-10S - 3/24/2022 MW10S032422 mg/l	MW-10S - 9/29/2022 MW10S 092922 mg/L
Ethane	NS		< 0.17 U	0.00017 U
Ethylene	NS		< 0.24 U	0.00024 U
Methane	NS		240	0.72
Hydrogen*	NS		---	---

NOTES:
U - not detected, J - estimated, D - Diluted Result, R - unusable, NS - no standard
Dup - duplicate sample, B - Analyte detected in the associated Method Blank
[ ] - Exceeds NYS Class GA Ground Water Qaulity Standard
Data have note been validated
--- Not Analized
* - Unit in nM

RAMBOLL

Table 6
Groundwater Data - Dissolved Gases
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW Stds (mg/l)	Location ID Depth Interval Sample Date Sample ID	MW-10D - 2/15/2000 MW-10D_WG_021500 mg/l	MW-10D - 8/14/2001 MW-10D_WG_081401 mg/l	MW-10D - 11/29/2001 MW-10D_WG_112901 mg/l	MW-10D - 2/27/2002 MW-10D_WG_022702 mg/l
Ethane	NS		0.002 U	0.002 U	0.002 U	0.002 U
Ethylene	NS		0.002 U	0.002 U	0.002 U	0.002 U
Methane	NS		0.006	0.03	0.03	0.007
Hydrogen*	NS		---	---	---	---

NOTES:
U - not detected, J - estimated, D - Diluted Result, R - unusable, NS - no standard
Dup - duplicate sample, B - Analyte detected in the associated Method Blank
[ ] - Exceeds NYS Class GA Ground Water Qaulity Standard
Data have note been validated
--- Not Analized
* - Unit in nM

Table 6
Groundwater Data - Dissolved Gases
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW Stds (mg/l)	Location ID Depth Interval Sample Date Sample ID	MW-10D - 5/15/2002 MW-10D_WG_051502 mg/l	MW-10D - 11/17/2004 MW-10D_WG_111704 mg/l	MW-10D - 11/14/2005 MW-10D_11142005 mg/l	MW-10D - 11/14/2006 MW-10D_11142006 mg/l
Ethane	NS		0.0013 U	0.0022 U	0.0013 U	0.0013 U
Ethylene	NS		0.0013 U	0.0022 U	0.0013 U	0.0013 U
Methane	NS		0.015	0.026	0.022	0.012
Hydrogen*	NS		---	---	---	---

NOTES:
U - not detected, J - estimated, D - Diluted Result, R - unusable, NS - no standard
Dup - duplicate sample, B - Analyte detected in the associated Method Blank
[ ] - Exceeds NYS Class GA Ground Water Qaulity Standard
Data have note been validated
--- Not Analized
* - Unit in nM

Table 6
Groundwater Data - Dissolved Gases
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW Stds (mg/l)	Location ID Depth Interval Sample Date Sample ID	MW-10D - 10/30/2007 MW 10 D-103007 mg/l	MW-10D - 11/19/2008 MW 10 D-111908 mg/l	MW-10D - 10/22/2009 MW-10D-102209 mg/l	MW-10D - 05/18/2010 MW-10D-051810 mg/l
Ethane	NS		0.00052 U	0.00052 U	0.00053 U	0.00057 U
Ethylene	NS		0.00049 U	0.00049 U	0.0005 U	0.00054 U
Methane	NS		0.0039	0.0045	0.0068	0.0082
Hydrogen*	NS		---	---	---	---

NOTES:
U - not detected, J - estimated, D - Diluted Result, R - unusable, NS - no standard
Dup - duplicate sample, B - Analyte detected in the associated Method Blank
[ ] - Exceeds NYS Class GA Ground Water Qaulity Standard
Data have note been validated
--- Not Analized
* - Unit in nM

Table 6
Groundwater Data - Dissolved Gases
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW Stds (mg/l)	Location ID Depth Interval Sample Date Sample ID	MW-10D - 1/20/2011 MW-10D-012011 mg/l	MW-10D - 4/20/2011 MW-10D-045011 mg/l	MW-10D - 7/26/2011 MW-10D-072611 mg/l	MW-10D - 7/26/2011 X1-072611 mg/l
Ethane	NS		0.00056 U	0.00057 U	0.00057 U	0.00057 U
Ethylene	NS		0.00053 U	0.00054 U	0.00054 U	0.00054 U
Methane	NS		0.012	0.0058	0.0053 B	0.011 B
Hydrogen*	NS		---	---	---	---

NOTES:
U - not detected, J - estimated, D - Diluted Result, R - unusable, NS - no standard
Dup - duplicate sample, B - Analyte detected in the associated Method Blank
[ ] - Exceeds NYS Class GA Ground Water Qaulity Standard
Data have note been validated
--- Not Analized
* - Unit in nM

Table 6
Groundwater Data - Dissolved Gases
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW Stds (mg/l)	Location ID Depth Interval Sample Date Sample ID	MW-10D - 10/27/2011 MW-10D-102711 mg/l	MW-10D - 3/20/2012 MW-10D-032012 mg/l	MW-10D - 8/7/2012 MW-10D-080712 mg/l	MW-10D - 12/19/2012 MW-10D-121912 mg/l
Ethane	NS		0.00057 U	0.00057 U	0.00057 U	0.00057 U
Ethylene	NS		0.00054 U	0.00054 U	0.00054 U	0.00054 U
Methane	NS		0.0054 B	0.0042	0.014	0.032
Hydrogen*	NS		---	---	---	---

NOTES:
U - not detected, J - estimated, D - Diluted Result, R - unusable, NS - no standard
Dup - duplicate sample, B - Analyte detected in the associated Method Blank
[ ] - Exceeds NYS Class GA Ground Water Qaulity Standard
Data have note been validated
--- Not Analized
* - Unit in nM

Table 6
Groundwater Data - Dissolved Gases
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW Stds (mg/l)	Location ID Depth Interval Sample Date Sample ID	MW-10D - 5/21/2013 MW-10D-052113 mg/l	MW-10D - 8/22/2013 MW-10D-082213 mg/l	MW-10D - 12/18/2013 MW-10D-121813 mg/l	X-1-121813 - 12/18/2013 MW-10D-121813 mg/l
Ethane	NS		0.00056 U	.000076 J	.000073 J	.000063 J
Ethylene	NS		0.00053 U	0.0002 U	.000043 J	0.0002 U
Methane	NS		0.022	0.057	0.04	0.033
Hydrogen*	NS		---	0.98	0.62	---

NOTES:
U - not detected, J - estimated, D - Diluted Result, R - unusable, NS - no standard
Dup - duplicate sample, B - Analyte detected in the associated Method Blank
[ ] - Exceeds NYS Class GA Ground Water Qaulity Standard
Data have note been validated
--- Not Analized
* - Unit in nM

Table 6
Groundwater Data - Dissolved Gases
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW Stds (mg/l)	Location ID Depth Interval Sample Date Sample ID	MW-10D - 3/25/2014 MW-10D-032514 mg/l	MW-10D - 6/10/2014 MW-10D-061014 mg/l	MW-10D - 9/23/2014 MW10D092314 mg/L	MW-10D - 4/12/2017 MW10D041217 mg/L
Ethane	NS		0.000098 J	.00010 J	0.000094 J	0.000062 J
Ethylene	NS		0.000019 U	.000014 J	0.0000095 J	0.0000073 J
Methane	NS		0.051	0.042	0.029	0.11 B
Hydrogen*	NS		1.3	1.7	0.96	---

NOTES:
U - not detected, J - estimated, D - Diluted Result, R - unusable, NS - no standard
Dup - duplicate sample, B - Analyte detected in the associated Method Blank
[ ] - Exceeds NYS Class GA Ground Water Qaulity Standard
Data have note been validated
--- Not Analized
* - Unit in nM

Table 6
Groundwater Data - Dissolved Gases
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW Stds (mg/l)	Location ID Depth Interval Sample Date Sample ID	MW-10D - 9/12/2017 MW10D091217 mg/L	MW-10D - 9/19/2018 MW10D091918 mg/L	MW-10D - 3/20/219 MW10D032019 mg/L	MW-10D - 9/25/2019 MW-10D-092519 mg/L
Ethane	NS		0.00044	0.000094 J	0.000077 J	0.00007 J
Ethylene	NS		0.0002 U	0.00020 U	0.000015 J	0.000012 U
Methane	NS		0.18	0.084	0.07	0.07
Hydrogen*	NS		---	---	---	---

NOTES:
U - not detected, J - estimated, D - Diluted Result, R - unusable, NS - no standard
Dup - duplicate sample, B - Analyte detected in the associated Method Blank
[ ] - Exceeds NYS Class GA Ground Water Qaulity Standard
Data have note been validated
--- Not Analized
* - Unit in nM

Table 6
Groundwater Data - Dissolved Gases
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW Stds (mg/l)	Location ID Depth Interval Sample Date Sample ID	MW-10D - 3/17/2020 MW 10D 031720 mg/L	MW-10D - 3/17/2020 X-1 031720 mg/L	MW-10D - 9/22/2020 MW 10D 092220 mg/L	MW-10D - 3/24/2021 MW10D032421 mg/l
Ethane	NS		0.000061 J	0.00006 J	0.000075 U	0.00014 J
Ethylene	NS		0.0002 U	0.0002 U	0.00012 U	0.00012 U
Methane	NS		0.050	0.049	0.12	0.043
Hydrogen*	NS		---	---	---	---

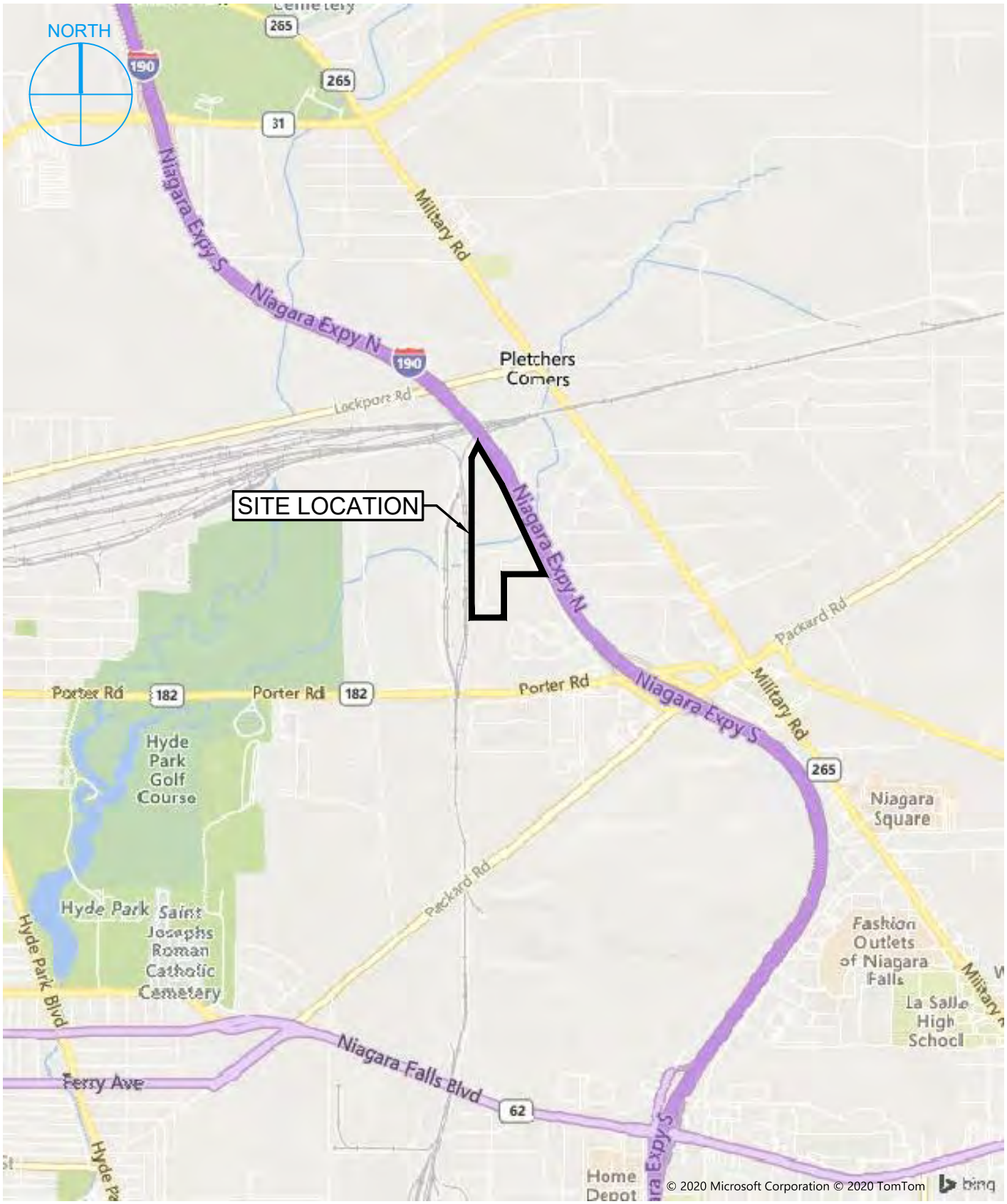
NOTES:
U - not detected, J - estimated, D - Diluted Result, R - unusable, NS - no standard
Dup - duplicate sample, B - Analyte detected in the associated Method Blank
[ ] - Exceeds NYS Class GA Ground Water Qaulity Standard
Data have note been validated
--- Not Analized
* - Unit in nM

Table 6
Groundwater Data - Dissolved Gases
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW Stds (mg/l)	Location ID Depth Interval Sample Date Sample ID	MW-10D - 9/23/2021 MW10D092321 mg/l	MW-10D - 3/24/2022 MW10D032422 mg/l	MW-10D - 9/29/2022 MW10D 092922 mg/L
Ethane	NS		0.001 U	0.00017 U	0.00017 U
Ethylene	NS		0.001 U	0.00024 U	0.00024 U
Methane	NS		0.053	0.34	0.76
Hydrogen*	NS		---	---	---

NOTES:
U - not detected, J - estimated, D - Diluted Result, R - unusable, NS - no standard
Dup - duplicate sample, B - Analyte detected in the associated Method Blank
[ ] - Exceeds NYS Class GA Ground Water Qaulity Standard
Data have note been validated
--- Not Analized
* - Unit in nM

FIGURES



MAP LOCATION

NEW YORK

2000' 0 2000'

SITE LOCATION

FOREST GLEN
SUPERFUND SITE
NIAGARA COUNTY, NEW YORK

FIGURE 01

RAMBOLL AMERICAS
ENGINEERING SOLUTIONS, INC.
A RAMBOLL COMPANY

RAMBOLL

PROJECT: 5540.70165 DATED: 1/19/2021 12:22 PM DESIGNER: KENTDO

I:\Goodyear.5540\70165.Forest-Glen-201\Docs\DWG\Sheets\70165-019-FIG1.dwg

I:\Goodyear.5540\70165.Forest-Glen-2011Docs\DWG\Sheets\70165-020-FIG2.dwg

NORTH

SERVICE ROAD

WEST LINE TOWN OF NIAGARA
EAST LINE CITY OF NIAGARA FALLS

LOUIS M. AND ANNIE DIMEO
S/L 43 PROPERTY

JOSEPH – THERESA
CANDELLA
(R/O)

ALFRED – JOAN
CANDELLA
(R/O)

MANOR ROAD

EDGEWOOD DRIVE

UTIL. POLE

8"ø RCP

SAN.M.H.

INV=593.3

INV=593.4

E 389,000

N 1,134,500

6NYCRR PART 360
TYPE COVER AREA

D.Y.C.L.

STOP SIGN

MW 2D & 2S

STOP BAR

MW 9D & 9S

DEAD
END (2)

24" WIDE, 5' O.C. YELLOW
REFLECTORIZED PAVEMENT STRIPES
NYSDOT 685.12

Switchgear

Communications Pullbox

EMH

GAS

STM.M.H.

SAN.M.H.

12" SAN

CB

CAP PERIMETER

LISA LANE

EXISTING WATER LINES

EXISTING WATER VALVE

MH-3C (MS#2)
INV. EL. 586.01'

E 388,500

ELECTRICAL PULL BOX

ELECTRICAL CONDUIT

1 1/2"ø CTS TUBING
PE-4710
(APPROXIMATE LOCATION)

HOT BOX ENCLOSURE

RW-3
(EXISTING)

MW 6D, 6DD & 6S

MW 10D

MW 10S

GRAVEL ACCESS ROAD
SEE "GRAVEL ACCESS
ROAD DETAIL" SHT. G-3

RECOVERY WELL
METERING STATION

WATER METER
CHAMBER

WATER VALVE

60' WIDE
UTILITY EASEMENT

12" SAN. SEWER

12"W

Building
Fin Fl. 604.40

6" SAN
Inv. 596.5

Storm Sewer Inv. 597.0

Storm Sewer Line

12" Discharge Line

Comm Pullbox

4" Water Line

8" Water Line

Storm Sewer

Transformer & Pad

Storm Sewer Inv. 585.01
Inv. 593.75

MH-3B (MS#1)

MH-3A

8" SAN

8" Sanitary

18" Water Line Inv 593.2

Approx. Buried Conduit

Approx. Buried Electric Conduit

1"ø HDPE

RW-1

RW-2

Hotbox

MW 4D & 4S

18' DRAINAGE
EASEMENT

MW 14S

MW 14D

SAN.M.H.
3.0'W.

Underground Utilities

UG Utilities

6" Water Line

100' 0 100'

PROJECT: 5540.70165 DATED: 1/19/2021 10:39 AM DESIGNER: KENTDO

LEGEND

- EXISTING FENCE
- UNDERGROUND UTILITY SERVICE
- UNDERGROUND GAS
- EXISTING SANITARY SEWER
- WATER SERVICE
- PROPERTY LINE
- LIMITS OF EASEMENT
- EXISTING MONITORING WELL (MW 5D & 5S)
- EXISTING WETLAND (FORMER WITHIN CAP LIMITS)
- RECOVERY WELL

SITE PLAN

FOREST GLEN SUPERFUND SITE
NIAGARA COUNTY, NEW YORK

JANUARY 2021

FIGURE 02

RAMBOLL AMERICAS
ENGINEERING SOLUTIONS, INC.
A RAMBOLL COMPANY

RAMBOLL

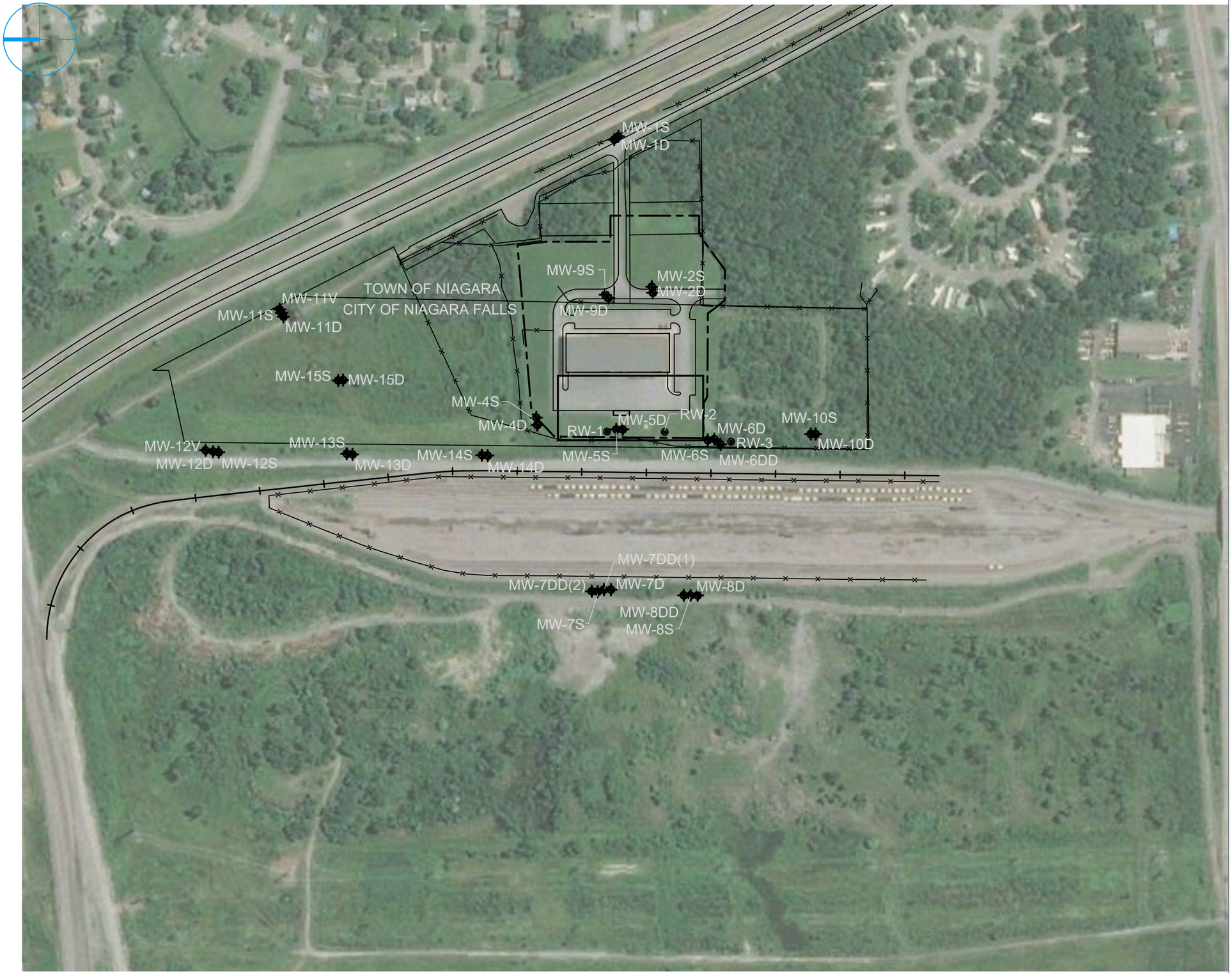


IMAGE REFERENCE: BING MAPS 11/2018.

LEGEND

- FENCE LINE
- RAILROAD TRACKS
- EXISTING MONITORING WELL LOCATION
- APPROXIMATE RECOVERY WELL LOCATION
- ENGINEERED CAP LIMITS

300' 0 300'

SITE OVERVIEW

FOREST GLEN SUPERFUND SITE
NIAGARA COUNTY, NEW YORK

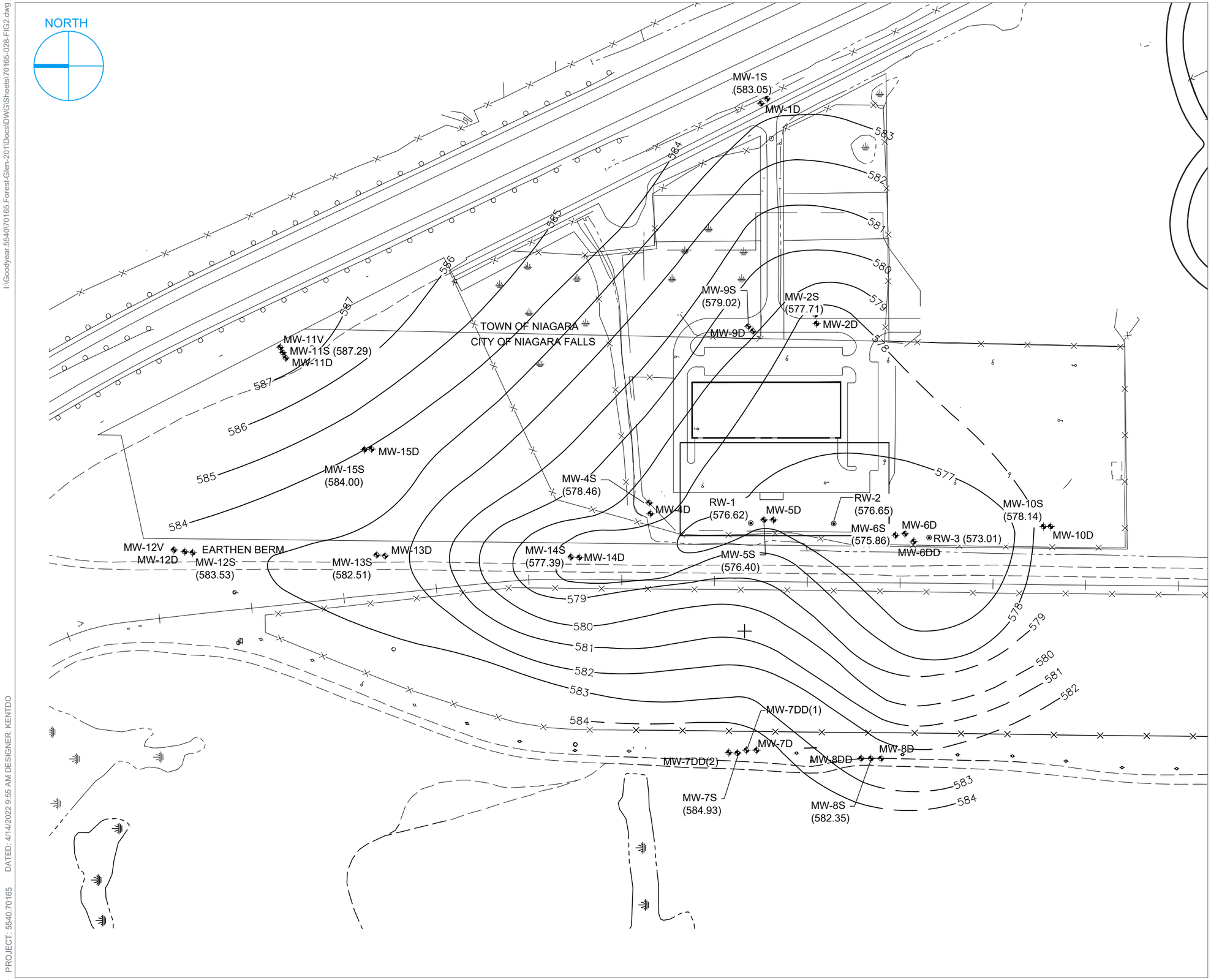
JANUARY 2021

FIGURE 03

RAMBOLL AMERICAS
ENGINEERING SOLUTIONS, INC.
A RAMBOLL COMPANY

RAMBOLL

PROJECT: 5540.70165 DATED: 1/19/2021 10:46 AM DESIGNER: KENTDO



LEGEND

- SWAMP/WETLANDS
- FENCE LINE
- RAILROAD TRACKS
- EXISTING MONITORING WELL LOCATION
- APPROXIMATE RECOVERY WELL LOCATION
- ENGINEERED CAP LIMITS
- GROUND WATER ELEVATION CONTOUR (DASHED WHERE INFERRED)
- (576.32) GROUND WATER ELEVATION

Note:
MONITORING WELLS MW-3S, MW-3D, MW-3C, AND MW-3P WERE ABANDONED IN 2002 AND ARE NOT SHOWN ON THIS FIGURE.

200' 0 200'

SHALLOW BEDROCK GROUND WATER ELEVATION CONTOURS (03/21/2022)

FOREST GLEN SUPERFUND SITE
NIAGARA COUNTY, NEW YORK

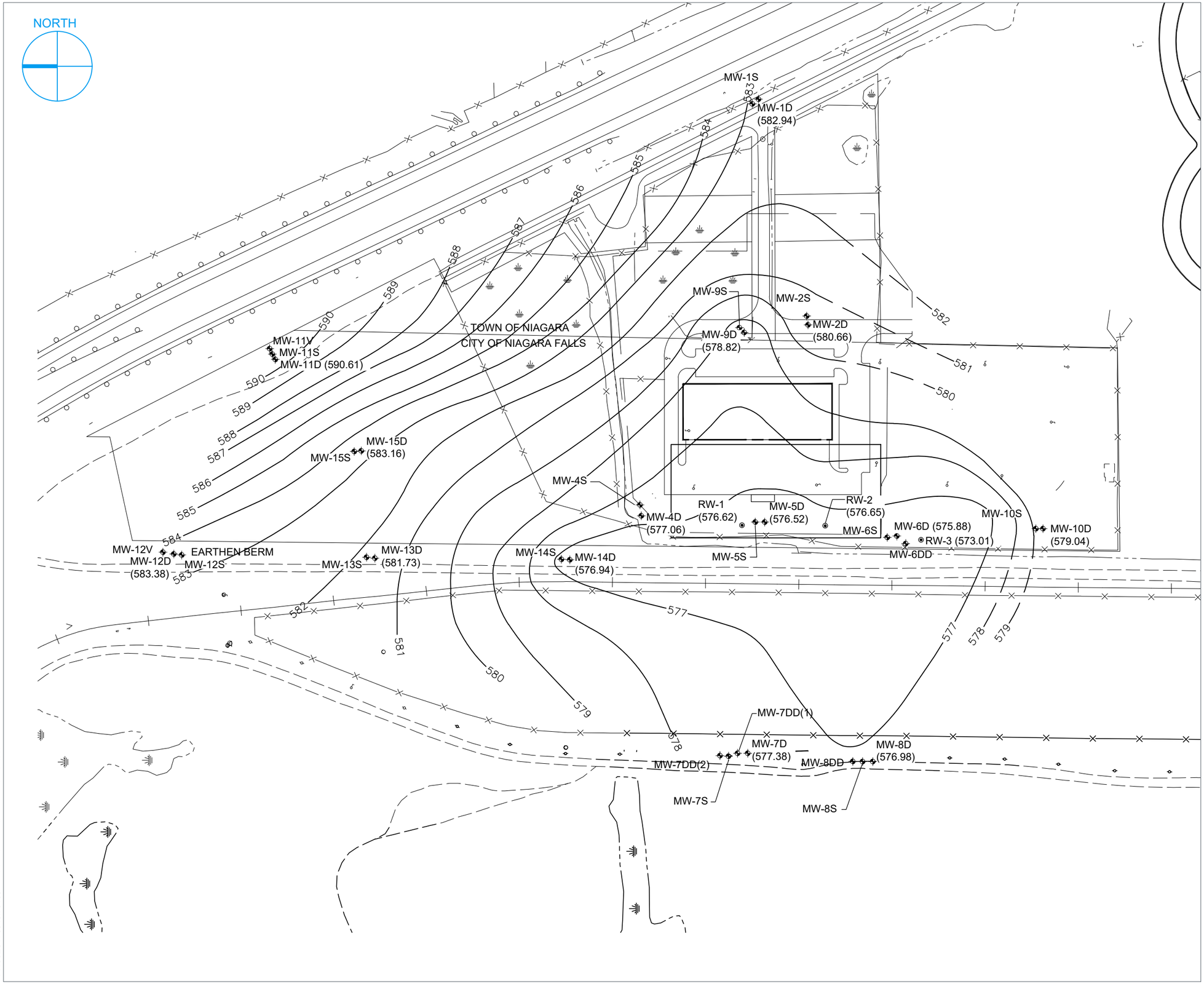
APRIL 2022

FIGURE 04

RAMBOLL AMERICAS
ENGINEERING SOLUTIONS, INC.
A RAMBOLL COMPANY

RAMBOLL

I:\Goodyear.5540\70165.Forest-Glen-2011Docs\DWG\Sheets\70165-028-FIG2.dwg
PROJECT: 5540.70165 DATED: 4/14/2022 9:55 AM DESIGNER: KENTDO



LEGEND

- SWAMP/WETLANDS
- FENCE LINE
- RAILROAD TRACKS
- EXISTING MONITORING WELL LOCATION
- APPROXIMATE RECOVERY WELL LOCATION
- ENGINEERED CAP LIMITS
- GROUND WATER ELEVATION CONTOUR (DASHED WHERE INFERRED)
- (576.32) GROUND WATER ELEVATION

Note:
MONITORING WELLS MW-3S, MW-3D, MW-3C, AND MW-3P WERE ABANDONED IN 2002 AND ARE NOT SHOWN ON THIS FIGURE.

200' 0 200'

DEEP BEDROCK GROUND WATER ELEVATION CONTOURS (03-21-2022)

FOREST GLEN SUPERFUND SITE
NIAGARA COUNTY, NEW YORK

APRIL 2022

FIGURE 05

RAMBOLL AMERICAS
ENGINEERING SOLUTIONS, INC.
A RAMBOLL COMPANY

RAMBOLL

I:\Goodyear.5540\70165.Forest-Glen-2011Docs\DWG\Sheets\70165-029-FIG3.dwg
PROJECT: 5540.70165 DATED: 4/14/2022 11:11 AM DESIGNER: KENTDO

NORTH

MW-1S
(580.70)
MW-1D
580
581
582
583
584
579
578
577
576
575
574
573
572
MW-9S
(577.78)
MW-2S
(574.95)
MW-2D
MW-9D
TOWN OF NIAGARA
CITY OF NIAGARA FALLS
MW-11V
MW-11S (584.80)
MW-11D
MW-15D
MW-15S
(581.42)
MW-4S
(576.10)
MW-4D
RW-1
(572.89)
MW-5D
RW-2
(573.53)
MW-6S
(575.21)
MW-6D
MW-6DD
RW-3 (570.57)
MW-10S
(573.31)
MW-10D
MW-12V
MW-12D
EARTHEN BERM
MW-12S
(580.93)
MW-13S
(580.00)
MW-13D
MW-14S
(574.14)
MW-14D
MW-5S
(573.23)
MW-7DD(1)
MW-7D
MW-8D
MW-8DD
MW-7DD(2)
MW-7S
(578.20)
MW-8S
(577.88)

LEGEND

- SWAMP/WETLANDS
- FENCE LINE
- RAILROAD TRACKS
- EXISTING MONITORING WELL LOCATION
- APPROXIMATE RECOVERY WELL LOCATION
- ENGINEERED CAP LIMITS
- GROUND WATER ELEVATION CONTOUR (DASHED WHERE INFERRED)
- (576.32) GROUND WATER ELEVATION

Note:
MONITORING WELLS MW-3S, MW-3D, MW-3C, AND MW-3P WERE ABANDONED IN 2002 AND ARE NOT SHOWN ON THIS FIGURE.

200' 0 200'

SHALLOW BEDROCK GROUND WATER ELEVATION CONTOURS (06/22/2022)

FOREST GLEN SUPERFUND SITE
NIAGARA COUNTY, NEW YORK

JUNE 2022

FIGURE 06

RAMBOLL AMERICAS
ENGINEERING SOLUTIONS, INC.
A RAMBOLL COMPANY

RAMBOLL

I:\Goodyear.5540\70165.Forest-Glen-201\Docs\DWG\Sheets\70165-030-FIG2.dwg
PROJECT: 5540.70165 DATED: 7/19/2022 10:04 AM DESIGNER: ASTERING

I:\Goodyear.5540\70165.Forest-Glen-201\Docs\DWG\Sheets\70165-031-FIG3.dwg

NORTH

MW-1S
MW-1D (580.45)
MW-11V
MW-11S
MW-11D (588.23)
MW-15D (580.85)
MW-15S
MW-4S
MW-4D (573.95)
RW-1 (572.89)
MW-5D (573.38)
RW-2 (573.53)
MW-6S
MW-6D (572.97)
RW-3 (570.57)
MW-6DD
MW-10S
MW-10D (576.11)
MW-9S
MW-2S
MW-2D (577.76)
MW-9D (575.87)
TOWN OF NIAGARA
CITY OF NIAGARA FALLS
MW-12V
MW-12D (580.54)
EARTHEN BERM
MW-12S
MW-13S
MW-13D (579.30)
MW-14S
MW-14D (573.83)
MW-5S
MW-7DD(1)
MW-7DD(2)
MW-7D (574.10)
MW-8DD
MW-8D (574.24)
MW-7S
MW-8S

580 581 582 583 584 585 586 587 588 579 578 577 576 575 574

LEGEND

- SWAMP/WETLANDS
- FENCE LINE
- RAILROAD TRACKS
- EXISTING MONITORING WELL LOCATION
- APPROXIMATE RECOVERY WELL LOCATION
- ENGINEERED CAP LIMITS
- GROUND WATER ELEVATION CONTOUR (DASHED WHERE INFERRED)

(576.32) GROUND WATER ELEVATION

Note:
MONITORING WELLS MW-3S, MW-3D, MW-3C, AND MW-3P WERE ABANDONED IN 2002 AND ARE NOT SHOWN ON THIS FIGURE.

200' 0 200'

DEEP BEDROCK GROUND WATER ELEVATION CONTOURS (06-22-2022)

FOREST GLEN SUPERFUND SITE
NIAGARA COUNTY, NEW YORK

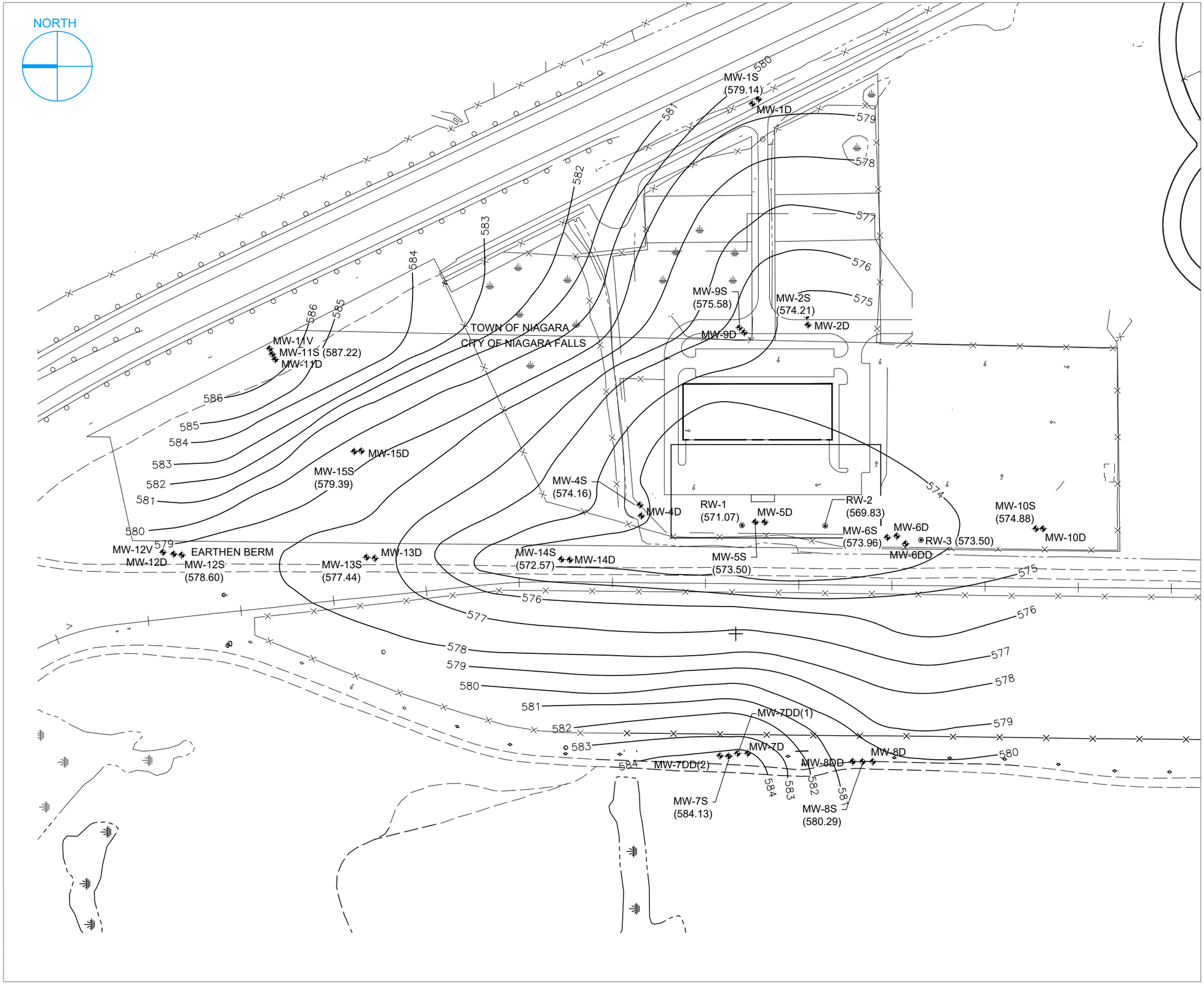
JUNE 2022

FIGURE 07

RAMBOLL AMERICAS
ENGINEERING SOLUTIONS, INC.
A RAMBOLL COMPANY

RAMBOLL

PROJECT: 5540.70165 DATED: 6/30/2022 4:21 PM DESIGNER: ASTERING



LEGEND

- SWAMP/WETLANDS
- FENCE LINE
- RAILROAD TRACKS
- EXISTING MONITORING WELL LOCATION
- APPROXIMATE RECOVERY WELL LOCATION
- ENGINEERED CAP LIMITS
- GROUND WATER ELEVATION CONTOUR (DASHED WHERE INFERRED)
- (576.32) GROUND WATER ELEVATION

Note:
MONITORING WELLS MW-3S, MW-3D, MW-3C, AND MW-3P WERE ABANDONED IN 2002 AND ARE NOT SHOWN ON THIS FIGURE.

200' 0 200'

SHALLOW BEDROCK GROUND WATER ELEVATION CONTOURS (09/26/2022)

FOREST GLEN SUPERFUND SITE
NIAGARA COUNTY, NEW YORK

OCTOBER 2022

FIGURE 08

RAMBOLL AMERICAS
ENGINEERING SOLUTIONS, INC.
A RAMBOLL COMPANY

RAMBOLL

I:\Goodyear.5540\70165.Forest-Glen-2011\Docs\DWG\Sheets\70165-034-FIG2.dwg
PROJECT: 5540.70165 DATED: 10/31/2022 12:02 PM DESIGNER: KENTDO

NORTH

MW-1S
MW-1D (579.41)
MW-9S
MW-2S
MW-2D (574.66)
MW-9D (574.17)
TOWN OF NIAGARA
CITY OF NIAGARA FALLS
MW-11V
MW-11S
MW-11D (582.86)
MW-15D
MW-15S (578.65)
MW-4S
MW-4D (572.53)
RW-1 (571.07)
MW-5D (571.94)
RW-2 (569.83)
MW-6S
MW-6D (571.67)
RW-3 (573.50)
MW-6DD
MW-10S
MW-10D (575.44)
MW-5S
MW-12V
MW-12D (578.74)
MW-12S
EARTHEN BERM
MW-13S
MW-13D (576.83)
MW-14S
MW-14D (572.46)
MW-7DD(1)
MW-7D (573.23)
MW-7DD(2)
MW-8DD
MW-8D (573.08)
MW-7S
MW-8S

578 577 576 575 574 573 572 571 570 569 568 567 566 565 564 563 562 561 560 559 558 557 556 555 554 553 552 551 550 549 548 547 546 545 544 543 542 541 540 539 538 537 536 535 534 533 532 531 530 529 528 527 526 525 524 523 522 521 520 519 518 517 516 515 514 513 512 511 510 509 508 507 506 505 504 503 502 501 500 499 498 497 496 495 494 493 492 491 490 489 488 487 486 485 484 483 482 481 480 479 478 477 476 475 474 473 472 471 470 469 468 467 466 465 464 463 462 461 460 459 458 457 456 455 454 453 452 451 450 449 448 447 446 445 444 443 442 441 440 439 438 437 436 435 434 433 432 431 430 429 428 427 426 425 424 423 422 421 420 419 418 417 416 415 414 413 412 411 410 409 408 407 406 405 404 403 402 401 400 399 398 397 396 395 394 393 392 391 390 389 388 387 386 385 384 383 382 381 380 379 378 377 376 375 374 373 372 371 370 369 368 367 366 365 364 363 362 361 360 359 358 357 356 355 354 353 352 351 350 349 348 347 346 345 344 343 342 341 340 339 338 337 336 335 334 333 332 331 330 329 328 327 326 325 324 323 322 321 320 319 318 317 316 315 314 313 312 311 310 309 308 307 306 305 304 303 302 301 300 299 298 297 296 295 294 293 292 291 290 289 288 287 286 285 284 283 282 281 280 279 278 277 276 275 274 273 272 271 270 269 268 267 266 265 264 263 262 261 260 259 258 257 256 255 254 253 252 251 250 249 248 247 246 245 244 243 242 241 240 239 238 237 236 235 234 233 232 231 230 229 228 227 226 225 224 223 222 221 220 219 218 217 216 215 214 213 212 211 210 209 208 207 206 205 204 203 202 201 200 199 198 197 196 195 194 193 192 191 190 189 188 187 186 185 184 183 182 181 180 179 178 177 176 175 174 173 172 171 170 169 168 167 166 165 164 163 162 161 160 159 158 157 156 155 154 153 152 151 150 149 148 147 146 145 144 143 142 141 140 139 138 137 136 135 134 133 132 131 130 129 128 127 126 125 124 123 122 121 120 119 118 117 116 115 114 113 112 111 110 109 108 107 106 105 104 103 102 101 100 99 98 97 96 95 94 93 92 91 90 89 88 87 86 85 84 83 82 81 80 79 78 77 76 75 74 73 72 71 70 69 68 67 66 65 64 63 62 61 60 59 58 57 56 55 54 53 52 51 50 49 48 47 46 45 44 43 42 41 40 39 38 37 36 35 34 33 32 31 30 29 28 27 26 25 24 23 22 21 20 19 18 17 16 15 14 13 12 11 10 9 8 7 6 5 4 3 2 1

LEGEND

- SWAMP/WETLANDS
- FENCE LINE
- RAILROAD TRACKS
- EXISTING MONITORING WELL LOCATION
- APPROXIMATE RECOVERY WELL LOCATION
- ENGINEERED CAP LIMITS
- GROUND WATER ELEVATION CONTOUR (DASHED WHERE INFERRED)

(576.32) GROUND WATER ELEVATION

Note:
MONITORING WELLS MW-3S, MW-3D, MW-3C, AND MW-3P WERE ABANDONED IN 2002 AND ARE NOT SHOWN ON THIS FIGURE.

200' 0 200'

DEEP BEDROCK GROUND WATER ELEVATION CONTOURS (09-26-2022)

FOREST GLEN SUPERFUND SITE
NIAGARA COUNTY, NEW YORK

OCTOBER 2022

FIGURE 09

RAMBOLL AMERICAS
ENGINEERING SOLUTIONS, INC.
A RAMBOLL COMPANY

RAMBOLL

PROJECT: 5540.70165 DATED: 10/31/2022 10:48 AM DESIGNER: KENTDO

NORTH

MW-1S
(582.17)
MW-1D
MW-9S
(578.18)
MW-2S
(576.25)
MW-2D
MW-9D
TOWN OF NIAGARA
CITY OF NIAGARA FALLS
MW-11V
MW-11S (585.99)
MW-11D
MW-15D
MW-15S
(582.68)
MW-4S
(576.82)
MW-4D
RW-1
(574.82)
MW-5D
RW-2
(574.53)
MW-6S
(575.38)
MW-6D
RW-3 (574.00)
MW-6DD
MW-10S
(576.89)
MW-10D
MW-12V
MW-12D
EARTHEN BERM
MW-12S
(582.23)
MW-13D
MW-13S
(581.06)
MW-14S
(575.99)
MW-14D
MW-5S
(574.83)
MW-7DD(1)
MW-7D
MW-8D
MW-7DD(2)
MW-8DD
MW-7S
(582.66)
MW-8S
(580.73)

583 584 585 582 581 580 579 578 577 576 575

LEGEND

- SWAMP/WETLANDS
- FENCE LINE
- RAILROAD TRACKS
- EXISTING MONITORING WELL LOCATION
- APPROXIMATE RECOVERY WELL LOCATION
- ENGINEERED CAP LIMITS
- GROUND WATER ELEVATION CONTOUR (DASHED WHERE INFERRED)
- (576.32) GROUND WATER ELEVATION

Note:
MONITORING WELLS MW-3S, MW-3D, MW-3C, AND MW-3P WERE ABANDONED IN 2002 AND ARE NOT SHOWN ON THIS FIGURE.

200' 0 200'

SHALLOW BEDROCK GROUND WATER ELEVATION CONTOURS (12/20/2022)

FOREST GLEN SUPERFUND SITE
NIAGARA COUNTY, NEW YORK

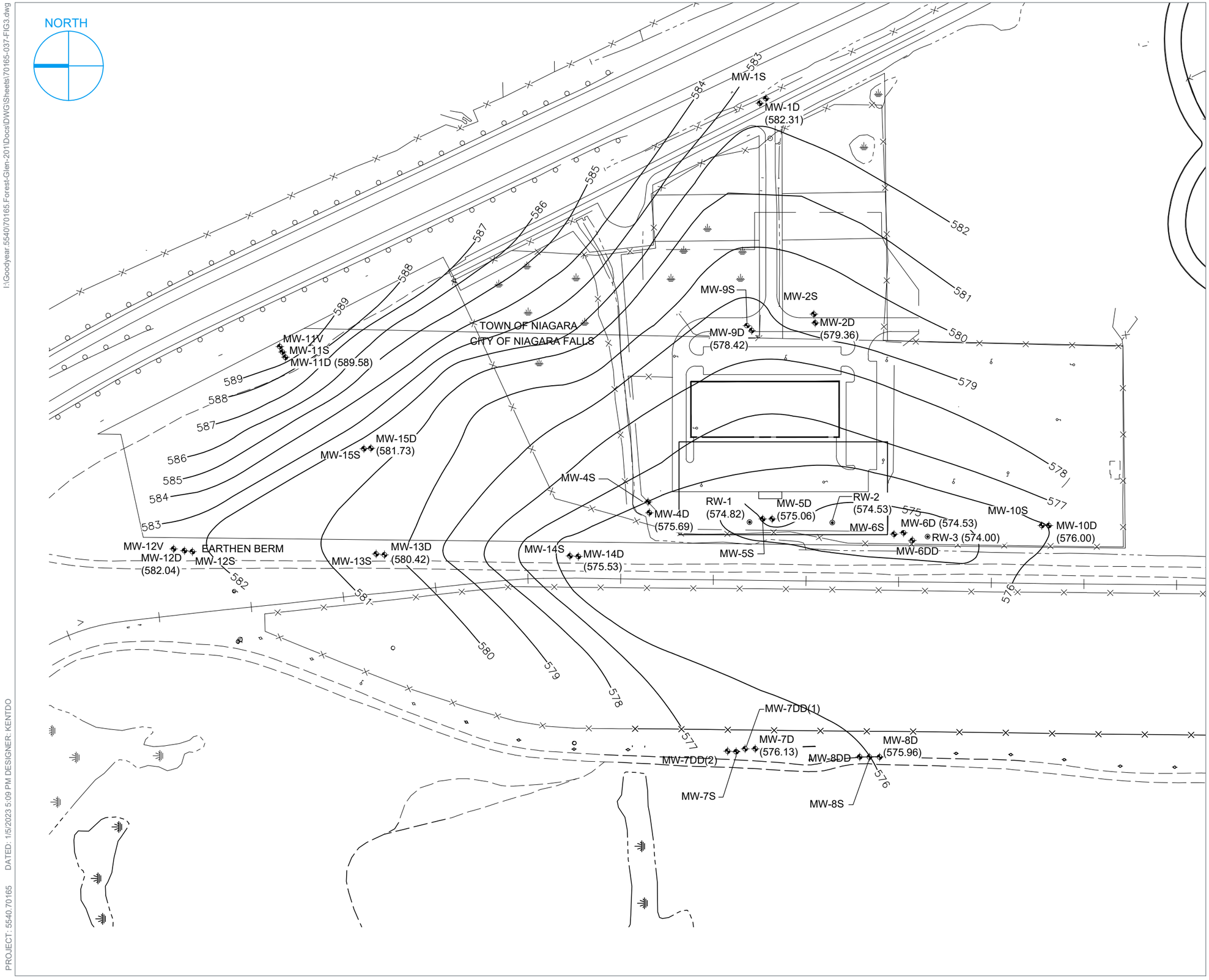
JANUARY 2023

FIGURE 10

RAMBOLL AMERICAS
ENGINEERING SOLUTIONS, INC.
A RAMBOLL COMPANY

RAMBOLL

PROJECT: 5540.70165 DATED: 1/9/2023 9:35 AM DESIGNER: KENTDO



LEGEND

- SWAMP/WETLANDS
- FENCE LINE
- RAILROAD TRACKS
- EXISTING MONITORING WELL LOCATION
- APPROXIMATE RECOVERY WELL LOCATION
- ENGINEERED CAP LIMITS
- GROUND WATER ELEVATION CONTOUR (DASHED WHERE INFERRED)
- (576.32) GROUND WATER ELEVATION

Note:
MONITORING WELLS MW-3S, MW-3D, MW-3C, AND MW-3P WERE ABANDONED IN 2002 AND ARE NOT SHOWN ON THIS FIGURE.

200' 0 200'

DEEP BEDROCK GROUND WATER ELEVATION CONTOURS (12/20/2022)

FOREST GLEN SUPERFUND SITE
NIAGARA COUNTY, NEW YORK

JANUARY 2023

FIGURE 11

RAMBOLL AMERICAS
ENGINEERING SOLUTIONS, INC.
A RAMBOLL COMPANY

RAMBOLL

I:\Goodyear.5540\70165.Forest-Glen-2011Docs\DWG\Sheets\70165-037-FIG3.dwg
DATED: 1/5/2023 5:09 PM DESIGNER: KENTDO
PROJECT: 5540.70165

Jan 23, 2015 - 1:54pm

FIGURE 12

MW-1S(581.48)
MW-1D
582
583
584
585
586
587
MW-11V
MW-11S (581.67)
MW-11D
TOWN OF NIAGARA
CITY OF NIAGARA FALLS
(583.71)MW-9S
MW-9D
(579.75)
MW-2S(583.48)
MW-2D
MW-3S
(583.90)
MW-3D
MW-15D
MW-15S
(585.67)
MW-4S
(583.29)
MW-4D
MW-5D
(584.66)
MW-13S
MW-13D (582.86)
MW-12V
MW-12D
MW-12S
(585.53)
EARTHEN BERM
MW-14S
(582.18)
MW-14D
(582.24) MW-5S
MW-6S
(585.55)
MW-6D
MW-10S
(580.82)
MW-10D
581
MW-7D
MW-8S
(582.97)
MW-8DD
MW-8D
MW-7S
(584.83)

LEGEND

- SWAMP/WETLANDS
- FENCE LINE
- RAILROAD TRACKS
- EXISTING MONITORING WELL LOCATION
- APPROXIMATE RECOVERY WELL LOCATION
- ENGINEERED CAP LIMITS
- 581 GROUND WATER ELEVATION CONTOURS (DASHED WHERE INFERRED)
- (580.82) GROUND WATER ELEVATIONS (FEET MEAN SEA LEVEL)

NOTE:

GROUND WATER ELEVATION AT MW-6S APPEARS ANOMALOUS AND WAS NOT USED IN CONTOUR GENERATION.

FOREST GLEN
SUPERFUND SITE
NIAGARA COUNTY, NEW YORK

BASELINE SHALLOW BEDROCK GROUNDWATER ELEVATION CONTOURS (2/14/00)

1"=200' 200 0 200

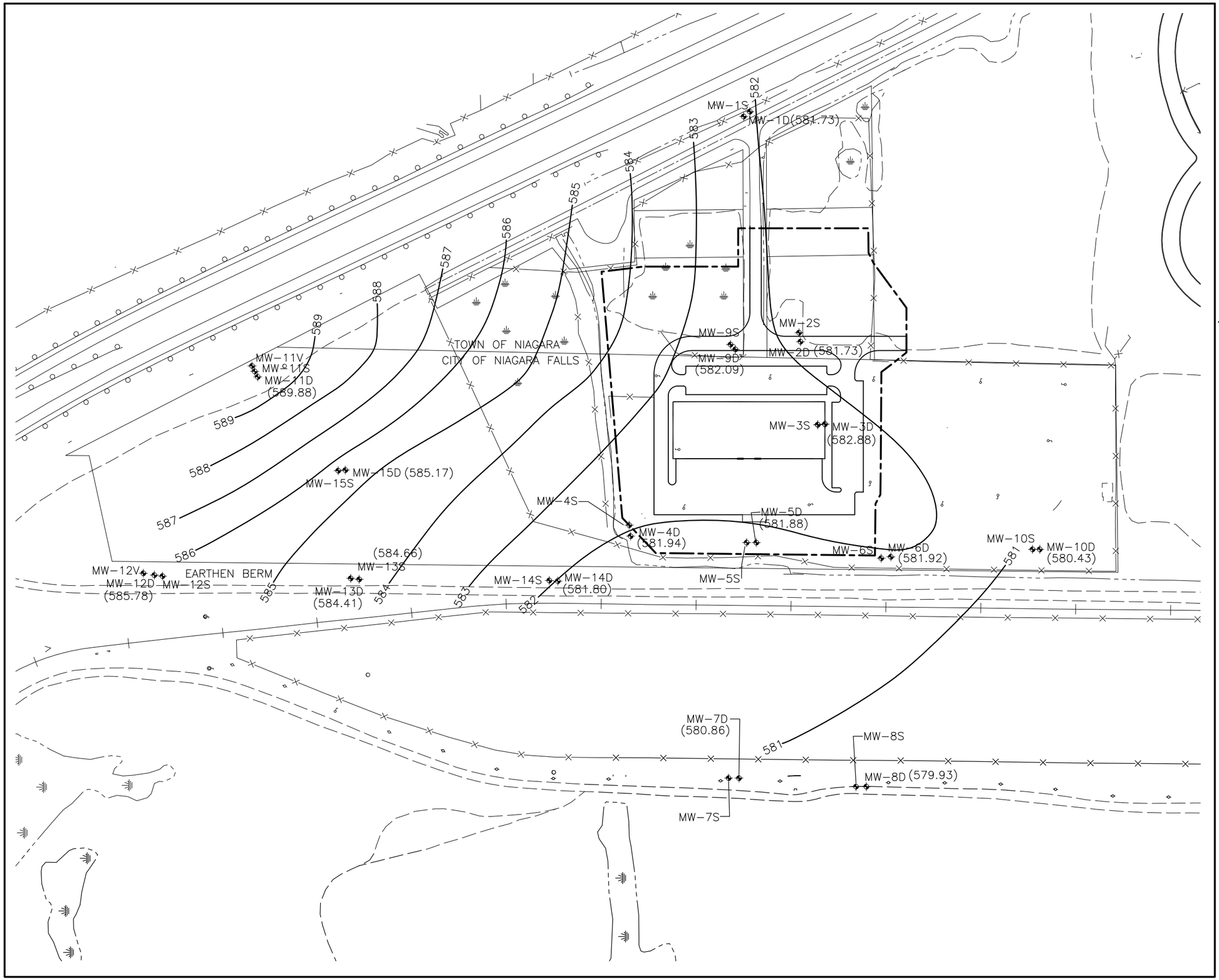
FILE NO. 5540.44667.017
MARCH 2010

O'BRIEN & GERE
ENGINEERS INC.

I:\Goodyear.5540\52347.Forest-Glen-7-1\Docs\DWG\Sheets\44667-017-Fig5A.dwg

Jan 23, 2015 - 1:55pm

FIGURE 13



LEGEND

- SWAMP/WETLANDS
- FENCE LINE
- RAILROAD TRACKS
- EXISTING MONITORING WELL LOCATION
- ENGINEERED CAP LIMITS
- 581 — GROUND WATER ELEVATION CONTOURS (DASHED WHERE INFERRED)
- (580.43) GROUND WATER ELEVATIONS (FEET MEAN SEA LEVEL)

FOREST GLEN
SUPERFUND SITE
NIAGARA COUNTY, NEW YORK

BASELINE DEEP BEDROCK GROUNDWATER ELEVATION CONTOURS (2/14/00)

1"=200' 200 0 200

FILE NO. 5540.44667.018
MARCH 2010

O'BRIEN & GERE
ENGINEERS INC.

I:\Goodyear.5540\52347.Forest-Glen-7-1\Docs\DWG\Sheets\44667-018-Fig5B.dwg

APPENDICES

APPENDIX A

EFFLUENT MONITORING REPORTS

RAMBOLL

ENVIRONMENT
& HEALTH

Mr. Joel Paradise
Niagara Falls Water Board
5815 Buffalo Avenue
Niagara Falls, New York 14304

February 9, 2022

Significant Industrial User (SIU) Permit No. 61 for Forest Glen Site – Quarterly Monitoring Report (Period ending February 28, 2022)

Dear Mr. Paradise:

This quarterly monitoring report for the period between December 1, 2021 and February 28, 2022 is provided for the groundwater recovery and discharge system (the "system") constructed at the Forest Glen Superfund Site in Niagara Falls, New York. The Goodyear Tire & Rubber Company (Goodyear) owns and operates the system, as agent for the Forest Glen Site Trust, under the Significant Industrial User (SIU) Permit No. 61 issued by the Niagara Falls Water Board (NFWB) on September 5, 2018.

Ramboll
333 West Washington Street
Syracuse, NY 13202
USA

T 315-956-6100
F 315-463-7554
https://ramboll.com

The groundwater recovery system comprises the following:

- Three groundwater recovery wells (RW-1, RW-2, and RW-3) located at the Forest Glen Site.
- An off-site electrical enclosure at Regulator No. 6C, on Hyde Park Avenue in Niagara Falls, housing a power disconnect switch, overflow level sensor, and remote monitoring unit (RMU).

In accordance with SIU Permit No. 61, Goodyear conducts self-monitoring of the monthly flow. The monthly flow data is provided to the NFWB in a separate report on or before the 15th day of the month following the end of the monthly reporting period. The self-monitoring also includes collection of four separate grab samples from recovery wells RW-1, RW-2, and RW-3. For the reporting period ending February 28, 2022, the four grab samples were collected between December 20 and 21, 2021. These samples were delivered to Eurofins TestAmerica in Amherst, NY where they were composited and analyzed for volatile organic compounds (VOCs) including vinyl chloride, 1,1-dichloroethylene, 1,2-dichloroethylene (cis

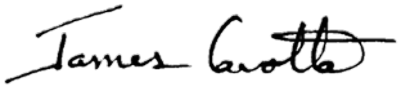
and trans), 1,1-dichloroethane, trichloroethylene, tetrachloroethylene and 1,1,1-trichloroethane using USEPA method 624. The results of the analyses are summarized in the attached Self-Monitoring Report, which presents the concentration for each well based on the composite samples. The Eurofins TestAmerica laboratory report is provided in the attached.

As required by the SIU permit, the results of the self-monitoring were used to calculate daily loading to the POTW. Based on the results, there were no permit limit violations for the quarter and the loads to the POTW were below the established limits.

Per section E3c of SIU Permit No. 61, a manual check of the Regulator 6C alarm system was conducted on December 22, 2021, and found to be operational.

If you have any questions concerning this report, please do not hesitate to call me at (315) 956-6836.

Yours sincerely,



James Cavotta
SENIOR PROJECT MANAGER

D 315-956-6836
M 315-575-0729
james.cavotta@ramboll.com

cc: Stephen Stewart – NFWB
Jeffrey Dyber – NYSDEC
Jenelle Gaylord – NYSDEC
Chris Wiley - Goodyear

NIAGARA FALLS WATER BOARD
WASTEWATER FACILITIES
ENFORCEMENT DIVISION

SELF-MONITORING REPORT
SIGNIFICANT INDUSTRIAL USERS

PERMIT NO. _____61__ QUARTER ___February 28, 2022_____

INDUSTRY NAME: ____The Goodyear Tire & Rubber Company_____

Pursuant to federal pretreatment reporting requirements and the Niagara Falls Water Board Regulations Part 1960, Significant Industrial Users shall submit periodic self-monitoring and compliance reports. Such reports shall be submitted using this form, according to the following schedule:

Quarterly	-	1st Quarter by February 28th
	-	2nd Quarter by May 31st
	-	3rd Quarter by August 31st
	-	4th Quarter by November 30th
Semi-Annual	-	by February 28th and
	-	by August 31st

Each section of this report form shall be filled out for those parameters listed in Section "G" of the company's Wastewater Discharge Permit. The analysis results must be reported in both concentration and mass. In addition, the calculated annual average load (lbs/day) for each pollutant shall also be reported.

The samples shall be collected at the monitoring points identified in the user permit. Identification of those points in this report should be as listed on page two (2) of the User Permit.

SELF-MONITORING REPORT
Significant Industrial Users (SIUs)

PAGE 2

PART II of the report is the Compliance Monitoring section. The user is obligated to determine if the analysis results indicates compliance. All violations noted should be brought to the Niagara Falls Water Board – Wastewater Facilities attention immediately upon noting and should also be reported in this section. The analysis result should be compared against all applicable federal, state and local standards and limitations. If no violations are noted then **"NO VIOLATIONS"** should appear on the report.

Pursuant to 40 CFR Part 403.12g of the Federal Standards, all violations noted must be followed up by a sample recollect/analysis and the results submitted to the Niagara Falls Water Board within thirty (30) days of first becoming aware of the violation.

Pursuant to 40 CFR Part 403.12g all Periodic Self-Monitoring Reports must be signed by a "responsible company official" certifying the following statement:

> I, certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Signed: Jeffrey G Drumm

Title: Senior Manager, Global Remediation

Date: January 14, 2022

PART I

ANALYTICAL RESULTS

SIU PERMIT NAME: **The Goodyear Tire & Rubber Company**

SIU PERMIT NO.: **61**

SAMPLE LOCATION: **Forest Glen Site**

	RESULTS RW-1 ug/ℓ	/ RW-2 ug/ℓ	RESULTS RW-3 ug/ℓ	/ Combined lbs/day	ANNUAL AVERAGE ug/ℓ	ANNUAL AVERAGE lbs/day
DATE SAMPLED: → 12/21/21						
24-HOUR FLOW IN MGD *						0.027735
BENZENE						
CARBON TETRACHLORIDE						
CHLORODIBROMOMETHANE						
MONOCHLOROBENZENE						
DICHLOROBROMOMETHANE						
CHLOROFORM						
1,1 – DICHLOROETHYLENE	5.0 U	5.0 U	5.0 U	0	0.036	0.00001
1,2 – DICHLOROETHYLENE	7.2	29	20	0.0045	16.917	0.0049
BROMOFORM						
ETHYLBENZENE						
1,1,2,2 – TETRACHLOROETHANE						
TETRACHLOROETHYLENE	5.0 U	5.0 U	5.0 U	0	0	0
TOLUENE						
1,1,1 – TRICHLOROETHANE	5.0 U	1.2 J	5.0 U	0.00012	0.513	0.0001
1,1,2 – TRICHLOROETHANE						
TRICHLOROETHYLENE	5.0 U	2.7 J	5.0 U	0.00026	0.525	0.00014
METHYLENE CHLORIDE						
MONOCHLOROTOLUENES						
MONOCHLOROBENZOTRIFLURIDE						
VINYL CHLORIDE	1.2 J	5.9	3.5 J	0.0009	4.264	0.0013
TETRAHYDRAFURAN						
XYLENE						

PART I

ANALYTICAL RESULTS

SIU PERMIT NAME: The Goodyear Tire & Rubber Company

SIU PERMIT NO.: 61

SAMPLE LOCATION: Forest Glen Site

	RESULTS RW-1 / RW-2		RESULTS RW-3 / Combined		ANNUAL AVERAGE	ANNUAL AVERAGE
	ug/ℓ	ug/ℓ	ug/ℓ	lbs/day	ug/ℓ	lbs/day
DATE SAMPLED: → 12/21/21						
24-HOUR FLOW IN MGD						0.027735
DIMETHYLPHTHALATE						
BUTYL BENZYL PHTHALATE						
Di-N-BUTHY PHTHALATE						
Di-N-OCTYL PHTHALATE						
DIETHYL PHTHALATE						
NITROSODIPHENYLAMINE						
DICHLOROBENZENES						
DICHLOROTOLUENE						
ACENAPHTHENE						
FLUORANTHENE						
CHRYSENE						
NAPHTHALENE						
BENZO (a) ANTHRACENE						
PYRENE						
TRICHLOROBENZENE						
TRICHLOROTOLUENE						
HEXACHLOROBUTADIENE						
TETRACHLOROBENZENE						
HEXACHLOROCYCLOPENTADIENE						
HEXCHLOROBENZENE						
DICHLOROBENZOTRIFLUORIDE						

PART I

ANALYTICAL RESULTS

SIU PERMIT NAME: The Goodyear Tire & Rubber Company

SIU PERMIT NO.: 61

SAMPLE LOCATION: Forest Glen Site

	RESULTS RW-1 ug/ℓ	/ RW-2 ug/ℓ	RESULTS RW-3 ug/ℓ	/ Combined lbs/day	ANNUAL AVERAGE ug/ℓ	ANNUAL AVERAGE lbs/day
DATE SAMPLED: → 12/21/21						
24-HOUR FLOW IN MGD						0.027735
PHENANTHRENE						
MONOCHLOROPHENOL						
DICHLOROPHENOL						
MONOCHLOROCRESOL						
TRICHLOROPHENOL						
PENTACHLOROPHENOL						
HEXACHLOROCYCLOHEXANES						
PCB's						
ENDOSULFAN I +						
ENDOSULFAN II +						
ENDOSULFAN SULFATE						
MIREX						
DECHLORANE PLUS						
HEPTACHLOR +						
HEPTACHLOR EPOXIDE						

PART I

ANALYTICAL RESULTS

SIU PERMIT NAME: **The Goodyear Tire & Rubber Company**

SIU PERMIT NO.: **61**

SAMPLE LOCATION: **Forest Glen Site**

	RESULTS RW-1 ug/ℓ	/ RW-2 ug/ℓ	RESULTS RW-3 ug/ℓ	/ Combined lbs/day	ANNUAL AVERAGE ug/ℓ	ANNUAL AVERAGE lbs/day
DATE SAMPLED: → 12/21/21						
24-HOUR FLOW IN MGD *						0.027735
1,2,4 – TRICHLOROBENZENE						
1,2 – DICHLOROETHANE						
1,1,1 – TRICHLOROETHANE	5.0 U	1.2 J	5.0 U	0.00012	0.513	0.0001
HEXACHLOROETHANE						
1,1 – DICHLOROETHANE	0.82 J	2.2 J	5.0 U	0.0003	1.311	0.0004
1,1,2 – TRICHLOROETHANE						
CHLOROETHANE						
1,2 – DICHLOROBENZENE						
1,3 – DICHLOROBENZENE						
1,4 – DICHLOROBENZENE						
1,1 DICHLOROETHYLENE	5.0 U	5.0 U	5.0 U	0	0.036	0.00001
1,2 – TRANS-DICHLOROETHYLENE						
1,3 – DICHLOROPROPYLENE						
METHYL CHLORIDE						
NITROBENZENE						
2 – NITROPHENOL						
4 – NITROPHENOL						
4,6 DINITRO-O-CRESOL						
BIS [2 – ETHYHEXYL] PHTHALATE						
ANTHRACENE						
DIETHYL PHTHALATE						
FLUORENE						

PART I

ANALYTICAL RESULTS

SIU PERMIT NAME: The Goodyear Tire & Rubber Company

SIU PERMIT NO.: 61

SAMPLE LOCATION: Forest Glen Site

	RESULTS RW-1 ug/ℓ	/ RW-2 ug/ℓ	RESULTS RW-3 ug/ℓ	/ Combined lbs/day	ANNUAL AVERAGE ug/ℓ	ANNUAL AVERAGE lbs/day
DATE SAMPLED: → 12/21/21						
24-HOUR FLOW IN MGD *						0.027735
1,2 - DICHLOROPROPANE						
VINYL CHLORIDE	1.2 J	5.9	3.5 J	0.0009	4.264	0.0013
ACENAPHTHENE						
BENZENE						
CARBON TETRACHLORIDE						
CHLOROBENZENE						
HEXACHLOROBENZENE						
CHLOROFORM						
ETHYLBENZENE						
FLUORANTHENE						
METHYLENE CHLORIDE						
HEXACHLOROBUTADIEN						
NAPHTHALENE DI – N – BUTHYL PHTHALATE						
DIMETHYL PHTHALATE						
PHENANTHRENE						
PYRENE						
TRACHLOROETHYLENE						
TOLUENE						
TRICHLOROETHYLENE	5.0 U	2.7 J	5.0 U	0.00026	0.525	0.00014
TOTAL CYANIDE						
TOTAL LEAD						
TOTAL ZINC						

PART I

ANALYTICAL RESULTS

SIU PERMIT NAME: **The Goodyear Tire & Rubber Company**

SIU PERMIT NO.: **61**

SAMPLE LOCATION: **Forest Glen Site**

	RESULTS RW-1 ug/ℓ	RW-2 ug/ℓ	RESULTS RW-3 ug/ℓ	Combined lbs/day	ANNUAL AVERAGE ug/ℓ	ANNUAL AVERAGE lbs/day
DATE SAMPLED: → 12/21/21						
24-HOUR FLOW IN MGD						0.027735
TOTAL SUSPENDED SOLIDS						
SOLUABLE ORGANIC CARBON						
TOTAL PHOSPHOROUS						
TOTAL PHENOL						
OIL and GREASE						
CADMIUM						
CHROMIUM						
COPPER						
LEAD						
MERCURY						
NICKEL						
ZINC						
ARSENIC						
BERYLLIUM						
BARIUM						
TOTAL CYANIDE						
pH (STANDARD UNITS)						
RESIDUAL CHLORINE						
TOTAL SODIUM CHLORIDE						
TOTAL AMMONIA						
DIETHYLENE GLYCOL						

PART II

COMPLIANCE MONITORING

The Goodyear Tire & Rubber Company

SIU NAME: _____

61

PERMIT NO.: _____

NO PERMIT VIOLATIONS

VIOLATION PARAMETER	DATE	FLOW [MGD]	SAMPLE POINT LOCATION	ACTUAL* DISCHARGE	PERMIT LIMIT	TYPE** LIMIT VIOLATED

NOTE:

* - Actual discharge – list actual analytical results and appropriate units.

** - Type Limit Violated – List Type:

A.A. = Annual Average

D.M. = Daily Maximum

L.L. = Local Limits (Regulation 1960.5)

QUARTERLY SELF-MONITORING SUMMARY
GROUNDWATER RECOVERY SYSTEM EFFLUENT

FOREST GLEN SUPERFUND SITE
NIAGARA FALLS, NEW YORK

		RW-1 volume 9,546 gallons		RW-2 volume 11,610 gallons		RW-3 volume 6,579 gallons		Total volume 27,735 gallons		
Analyte	12/21/2021	Contribution to	12/21/2021	Contribution to loading	12/21/2021	Contribution to loading		Total loading to POTW		
1,1,1-trichloroethane	5 U	0 lbs/day	1.2 J	0.00012 lbs/day	5 U	0	lbs/day	0.00012	lbs/day	0.5023 ug/l
1,1-dichloroethane	0.82 J	0.0001 lbs/day	2.2 J	0.00021 lbs/day	5 U	0	lbs/day	0.0003	lbs/day	1.2032 ug/l
1,1-dichloroethylene	5 U	0 lbs/day	5 U	0 lbs/day	5 U	0	lbs/day	0	lbs/day	0 ug/l
cis-1,2-dichloroethylene	7.2	0.0006 lbs/day	29.0	0.0028 lbs/day	20	0.0011	lbs/day	0.0045	lbs/day	19.3619 ug/l
tetrachloroethylene	5 U	0 lbs/day	5 U	0 lbs/day	5U	0	lbs/day	0	lbs/day	0 ug/l
trans-1,2-dichloroethylene	5 U	0 lbs/day	5 U	0 lbs/day	5 U	0	lbs/day	0	lbs/day	0 ug/l
trichloroethylene	5 U	0 lbs/day	2.7 J	0.00026 lbs/day	5U	0	lbs/day	0.00026	lbs/day	1.1302 ug/l
vinyl chloride	1.2 J	0.0001 lbs/day	5.9	0.00057 lbs/day	3.5 J	0.0002	lbs/day	0.0009	lbs/day	3.7130 ug/l

Notes
1. Concentrations reported in units of ug/l
2. U - undetected, with detection limit identified
3. J - estimated value

	3/23/2021	6/15/2021	9/21/2021	12/21/2021	Average
Analyte	ug/l	ug/l	ug/l	ug/l	ug/l
1,1,1-trichloroethane	0.5457	0.5478	0.4562	0.5023	0.513
1,1-dichloroethane	1.1303	1.3322	1.5802	1.2032	1.311
1,1-dichloroethylene	0	0.1445	0	0	0.036
cis-1,2-dichloroethylene	16.4658	14.3485	17.4906	19.3619	16.917
tetrachloroethylene	0	0	0	0	0
trans-1,2-dichloroethylene	0	0.1032	0	0	0.026
trichloroethylene	0.2738	0.3318	0.3645	1.1302	0.525
vinyl chloride	4.9843	4.9947	3.3648	3.7130	4.264

Analyte	lb/day	lb/day	lb/day	lb/day	lbs/day
1,1,1-trichloroethane	0.00016	0.00017	0.00014	0.00012	0.0001
1,1-dichloroethane	0.0003	0.0004	0.0005	0.0003	0.0004
1,1-dichloroethylene	0	0.00005	0	0	0.00001
cis-1,2-dichloroethylene	0.005	0.0046	0.0053	0.0045	0.0049
tetrachloroethylene	0	0	0	0	0
trans-1,2-dichloroethylene	0	0.00003	0	0	0.00001
trichloroethylene	0.00008	0.00011	0.00011	0.00026	0.00014
vinyl chloride	0.0015	0.0016	0.0010	0.0009	0.0013

eurofins | Environment Testing America

ANALYTICAL REPORT

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

Laboratory Job ID: 480-193677-1
Client Project/Site: Forest Glen Monitoring

For:
O'Brien & Gere Inc of North America
333 West Washington St.
PO BOX 4873
East Syracuse, New York 13221

Attn: Mr. David J Carnevale

Authorized for release by:
12/29/2021 2:31:13 PM
Rebecca Jones, Project Management Assistant I
Rebecca.Jones@Eurofinset.com

Designee for

John Schove, Project Manager II
(716)504-9838
John.Schove@Eurofinset.com

Table of Contents

Definitions/Glossary

Client: O'Brien & Gere Inc of North America
Job ID: 480-193677-1
Project/Site: Forest Glen Monitoring

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.

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

Job ID: 480-193677-1

Laboratory: Eurofins TestAmerica, Buffalo

Narrative

Job Narrative
480-193677-1

Comments
No additional comments.

Receipt
The samples were received on 12/21/2021 5:11 PM. Unless otherwise noted below, the samples arrived in good condition, and where required, properly preserved and on ice. The temperature of the cooler at receipt was 3.5º C.

GC/MS VOA
Method 624.1: The following Volatile sample(s) was composited by the laboratory on 12/23/2021 as requested by the client: RW-1 COMP (480-193677-13), RW-2 COMP (480-193677-14) and RW-3 COMP (480-193677-15). Regulatory defined guidance for in-laboratory compositing of samples, is currently not available. Laboratory sample compositing was performed using established project specifications and/or laboratory standard operating procedures.

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

Detection Summary

Client: O'Brien & Gere Inc of North America
Job ID: 480-193677-1
Project/Site: Forest Glen Monitoring

Client Sample ID: RW-1 COMP — Lab Sample ID: 480-193677-13

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	0.82	J	5.0	0.59	ug/L	1		624.1	Total/NA
cis-1,2-Dichloroethylene	7.2		5.0	0.57	ug/L	1		624.1	Total/NA
Vinyl chloride	1.2	J	5.0	0.75	ug/L	1		624.1	Total/NA

Client Sample ID: RW-2 COMP — Lab Sample ID: 480-193677-14

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1,1-Trichloroethane	1.2	J	5.0	0.39	ug/L	1		624.1	Total/NA
1,1-Dichloroethane	2.2	J	5.0	0.59	ug/L	1		624.1	Total/NA
cis-1,2-Dichloroethylene	29		5.0	0.57	ug/L	1		624.1	Total/NA
Trichloroethylene	2.7	J	5.0	0.60	ug/L	1		624.1	Total/NA
Vinyl chloride	5.9		5.0	0.75	ug/L	1		624.1	Total/NA

Client Sample ID: RW-3 COMP — Lab Sample ID: 480-193677-15

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethylene	20		5.0	0.57	ug/L	1		624.1	Total/NA
Vinyl chloride	3.5	J	5.0	0.75	ug/L	1		624.1	Total/NA

This Detection Summary does not include radiochemical test results.

Client: O'Brien & Gere Inc of North America
Project/Site: Forest Glen Monitoring

Job ID: 480-193677-1

Client Sample ID: RW-1 COMP
Date Collected: 12/21/21 08:30
Date Received: 12/21/21 17:11

Lab Sample ID: 480-193677-13
Matrix: Water

Method: 624.1 - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.0	0.39	ug/L			12/23/21 17:52	1
1,1-Dichloroethane	**0.82**	**J**	5.0	0.59	ug/L			12/23/21 17:52	1
1,1-Dichloroethylene	ND		5.0	0.85	ug/L			12/23/21 17:52	1
cis-1,2-Dichloroethylene	**7.2**		5.0	0.57	ug/L			12/23/21 17:52	1
Tetrachloroethylene	ND		5.0	0.34	ug/L			12/23/21 17:52	1
trans-1-2-Dichloroethylene	ND		5.0	0.59	ug/L			12/23/21 17:52	1
Trichloroethylene	ND		5.0	0.60	ug/L			12/23/21 17:52	1
Vinyl chloride	**1.2**	**J**	5.0	0.75	ug/L			12/23/21 17:52	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*94*		*68 - 130*		*12/23/21 17:52*	*1*
4-Bromofluorobenzene (Surr)	*100*		*76 - 123*		*12/23/21 17:52*	*1*
Dibromofluoromethane (Surr)	*106*		*75 - 123*		*12/23/21 17:52*	*1*
Toluene-d8 (Surr)	*103*		*77 - 120*		*12/23/21 17:52*	*1*

Client: O'Brien & Gere Inc of North America
Project/Site: Forest Glen Monitoring

Job ID: 480-193677-1

Client Sample ID: RW-2 COMP
Date Collected: 12/21/21 08:30
Date Received: 12/21/21 17:11

Lab Sample ID: 480-193677-14
Matrix: Water

Method: 624.1 - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	**1.2**	**J**	5.0	0.39	ug/L			12/23/21 18:15	1
1,1-Dichloroethane	**2.2**	**J**	5.0	0.59	ug/L			12/23/21 18:15	1
1,1-Dichloroethylene	ND		5.0	0.85	ug/L			12/23/21 18:15	1
cis-1,2-Dichloroethylene	**29**		5.0	0.57	ug/L			12/23/21 18:15	1
Tetrachloroethylene	ND		5.0	0.34	ug/L			12/23/21 18:15	1
trans-1-2-Dichloroethylene	ND		5.0	0.59	ug/L			12/23/21 18:15	1
Trichloroethylene	**2.7**	**J**	5.0	0.60	ug/L			12/23/21 18:15	1
Vinyl chloride	**5.9**		5.0	0.75	ug/L			12/23/21 18:15	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*92*		*68 - 130*		*12/23/21 18:15*	*1*
4-Bromofluorobenzene (Surr)	*98*		*76 - 123*		*12/23/21 18:15*	*1*
Dibromofluoromethane (Surr)	*104*		*75 - 123*		*12/23/21 18:15*	*1*
Toluene-d8 (Surr)	*102*		*77 - 120*		*12/23/21 18:15*	*1*

Client: O'Brien & Gere Inc of North America
Project/Site: Forest Glen Monitoring

Job ID: 480-193677-1

Client Sample ID: RW-3 COMP
Date Collected: 12/21/21 08:30
Date Received: 12/21/21 17:11

Lab Sample ID: 480-193677-15
Matrix: Water

Method: 624.1 - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.0	0.39	ug/L			12/23/21 18:39	1
1,1-Dichloroethane	ND		5.0	0.59	ug/L			12/23/21 18:39	1
1,1-Dichloroethylene	ND		5.0	0.85	ug/L			12/23/21 18:39	1
cis-1,2-Dichloroethylene	**20**		5.0	0.57	ug/L			12/23/21 18:39	1
Tetrachloroethylene	ND		5.0	0.34	ug/L			12/23/21 18:39	1
trans-1-2-Dichloroethylene	ND		5.0	0.59	ug/L			12/23/21 18:39	1
Trichloroethylene	ND		5.0	0.60	ug/L			12/23/21 18:39	1
Vinyl chloride	**3.5**	**J**	5.0	0.75	ug/L			12/23/21 18:39	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*94*		*68 - 130*		*12/23/21 18:39*	*1*
4-Bromofluorobenzene (Surr)	*100*		*76 - 123*		*12/23/21 18:39*	*1*
Dibromofluoromethane (Surr)	*104*		*75 - 123*		*12/23/21 18:39*	*1*
Toluene-d8 (Surr)	*103*		*77 - 120*		*12/23/21 18:39*	*1*

Surrogate Summary

Client: O'Brien & Gere Inc of North America
Project/Site: Forest Glen Monitoring

Job ID: 480-193677-1

Method: 624.1 - Volatile Organic Compounds (GC/MS)

Matrix: Water

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)			
		DCA	BFB	DBFM	TOL
Lab Sample ID	Client Sample ID	(68-130)	(76-123)	(75-123)	(77-120)
480-193677-13	RW-1 COMP	94	100	106	103
480-193677-14	RW-2 COMP	92	98	104	102
480-193677-15	RW-3 COMP	94	100	104	103
LCS 480-610005/6	Lab Control Sample	90	97	100	110
MB 480-610005/8	Method Blank	95	100	104	101

Surrogate Legend

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

Method: 624.1 - Volatile Organic Compounds (GC/MS)

Lab Sample ID: MB 480-610005/8
Matrix: Water
Analysis Batch: 610005

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	ND		5.0	0.39	ug/L			12/23/21 16:05	1
1,1-Dichloroethane	ND		5.0	0.59	ug/L			12/23/21 16:05	1
1,1-Dichloroethylene	ND		5.0	0.85	ug/L			12/23/21 16:05	1
cis-1,2-Dichloroethylene	ND		5.0	0.57	ug/L			12/23/21 16:05	1
Tetrachloroethylene	ND		5.0	0.34	ug/L			12/23/21 16:05	1
trans-1-2-Dichloroethylene	ND		5.0	0.59	ug/L			12/23/21 16:05	1
Trichloroethylene	ND		5.0	0.60	ug/L			12/23/21 16:05	1
Vinyl chloride	ND		5.0	0.75	ug/L			12/23/21 16:05	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*95*		*68 - 130*		*12/23/21 16:05*	*1*
4-Bromofluorobenzene (Surr)	*100*		*76 - 123*		*12/23/21 16:05*	*1*
Dibromofluoromethane (Surr)	*104*		*75 - 123*		*12/23/21 16:05*	*1*
Toluene-d8 (Surr)	*101*		*77 - 120*		*12/23/21 16:05*	*1*

Lab Sample ID: LCS 480-610005/6
Matrix: Water
Analysis Batch: 610005

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	20.0	20.1		ug/L		101	52 - 162
1,1-Dichloroethane	20.0	20.2		ug/L		101	59 - 155
1,1-Dichloroethylene	20.0	19.0		ug/L		95	1 - 234
Tetrachloroethylene	20.0	22.3		ug/L		112	64 - 148
trans-1-2-Dichloroethylene	20.0	19.7		ug/L		99	54 - 156
Trichloroethylene	20.0	20.6		ug/L		103	71 - 157
Vinyl chloride	20.0	20.2		ug/L		101	1 - 251

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*90*		*68 - 130*
4-Bromofluorobenzene (Surr)	*97*		*76 - 123*
Dibromofluoromethane (Surr)	*100*		*75 - 123*
Toluene-d8 (Surr)	*110*		*77 - 120*

QC Association Summary

Client: O'Brien & Gere Inc of North America
Project/Site: Forest Glen Monitoring

Job ID: 480-193677-1

GC/MS VOA

Analysis Batch: 610005

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-193677-13	RW-1 COMP	Total/NA	Water	624.1	
480-193677-14	RW-2 COMP	Total/NA	Water	624.1	
480-193677-15	RW-3 COMP	Total/NA	Water	624.1	
MB 480-610005/8	Method Blank	Total/NA	Water	624.1	
LCS 480-610005/6	Lab Control Sample	Total/NA	Water	624.1	

Lab Chronicle

Client: O'Brien & Gere Inc of North America
Job ID: 480-193677-1
Project/Site: Forest Glen Monitoring

Client Sample ID: RW-1 COMP
Lab Sample ID: 480-193677-13
Date Collected: 12/21/21 08:30
Matrix: Water
Date Received: 12/21/21 17:11

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	624.1		1	610005	12/23/21 17:52	ATG	TAL BUF

Client Sample ID: RW-2 COMP
Lab Sample ID: 480-193677-14
Date Collected: 12/21/21 08:30
Matrix: Water
Date Received: 12/21/21 17:11

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	624.1		1	610005	12/23/21 18:15	ATG	TAL BUF

Client Sample ID: RW-3 COMP
Lab Sample ID: 480-193677-15
Date Collected: 12/21/21 08:30
Matrix: Water
Date Received: 12/21/21 17:11

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	624.1		1	610005	12/23/21 18:39	ATG	TAL BUF

Laboratory References:

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

Accreditation/Certification Summary

Client: O'Brien & Gere Inc of North America
Job ID: 480-193677-1
Project/Site: Forest Glen Monitoring

Laboratory: Eurofins TestAmerica, Buffalo

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

Authority	Program	Identification Number	Expiration Date
New York	NELAP	10026	04-01-22

Method Summary

Client: O'Brien & Gere Inc of North America
Project/Site: Forest Glen Monitoring

Job ID: 480-193677-1

Method	Method Description	Protocol	Laboratory
624.1	Volatile Organic Compounds (GC/MS)	40CFR136A	TAL BUF

Protocol References:

40CFR136A = "Methods for Organic Chemical Analysis of Municipal Industrial Wastewater ", 40CFR, Part 136, Appendix A, October 26, 1984 and subsequent revisions.

Laboratory References:

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

Sample Summary

Client: O'Brien & Gere Inc of North America
Project/Site: Forest Glen Monitoring

Job ID: 480-193677-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
480-193677-13	RW-1 COMP	Water	12/21/21 08:30	12/21/21 17:11
480-193677-14	RW-2 COMP	Water	12/21/21 08:30	12/21/21 17:11
480-193677-15	RW-3 COMP	Water	12/21/21 08:30	12/21/21 17:11

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

Chain of Custody Record

eurofins | Environment Testing America

Client Information	Sampler: Martin Koennecke	Lab PM: Schove, John R	Carrier Tracking No(s):	COC No: 480-168696-36856.1
Client Contact: Yuri Veliz	Phone: 315-729-1300	E-Mail: John.Schove@Eurofinset.com	State of Origin:	Page: Page 1 of 1
Company: Ramboll US Corporation	PWSID:			Job #:
Address: 94 New Karner Rd Suite 106	Due Date Requested:			
City: Albany	TAT Requested (days):			
State, Zip: NY, 12203	Compliance Project: Δ Yes Δ No			
Phone: 315-956-6100(Tel) 315-463-7554(Fax)	PO #: 1950003279			
Email: Yuri.Veliz@ramboll.com	WO #:			
Project Name: Forest Glen Monitoring	Project #: 48002808			
Site:	SSOW#:			

Analysis Requested

Preservation Codes:

A - HCL	M - Hexane
B - NaOH	N - None
C - Zn Acetate	O - AsNaO2
D - Nitric Acid	P - Na2O4S
E - NaHSO4	Q - Na2SO3
F - MeOH	R - Na2S2O3
G - Amchlor	S - H2SO4
H - Ascorbic Acid	T - TSP Dodecahydrate
I - Ice	U - Acetone
J - DI Water	V - MCAA
K - EDTA	W - pH 4-5
L - EDA	Z - other (specify)

Other:

To Be Composited By LABS

Special Instructions/Note:

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	624.1_PREC - Site Specific List	Total Number of containers
			Preservation Code:				A	
RW-1 122021	12-20-21	11:00	G	Water			2	
RW-2 122021	12-20-21	11:00	G	Water			2	
RW-3 122021	12-20-21	11:00	G	Water			2	
RW-1 122021	12-20-21	13:00	G	W			2	
RW-2 122021	12-20-21	13:00	G	W			2	
RW-3 122021	12-20-21	13:00	G	W			2	
RW-1 122121	12-21-21	6:45	G	W			2	
RW-2 122121	12-21-21	6:45	G	W			2	
RW-3 122121	12-21-21	6:45	G	W			2	
RW-1 122121	12-21-21	8:30	G	W			2	
RW-2 122121	12-21-21	8:30	G	W			2	
RW-3 122121	12-21-21	8:30	G	W			2	

480-193677 Chain of Custody

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

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

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

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:			
Relinquished by: Martin Koennecke	Date/Time: 12-21-21 / 17:10	Company RAMBOLL	Received by:	Date/Time: 12/22/21 1711	Company LTAB UPPALO	
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company	
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company	

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks: 3.5 # ICE

Ver: 06/08/2021

Red cooler

Login Sample Receipt Checklist

Client: O'Brien & Gere Inc of North America

Job Number: 480-193677-1

Login Number: 193677

List Source: Eurofins TestAmerica, Buffalo

List Number: 1

Creator: Stopa, Erik S

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

RAMBOLL

ENVIRONMENT
& HEALTH

Mr. Joel Paradise
Niagara Falls Water Board
5815 Buffalo Avenue
Niagara Falls, New York 14304

May 23, 2022

Significant Industrial User (SIU) Permit No. 61 for Forest Glen Site – Quarterly Monitoring Report (Period ending May 31, 2022)

Dear Mr. Paradise:

This quarterly monitoring report for the period between March 1, 2022 and May 31, 2022 is provided for the groundwater recovery and discharge system (the "system") constructed at the Forest Glen Superfund Site in Niagara Falls, New York. The Goodyear Tire & Rubber Company (Goodyear) owns and operates the system, as agent for the Forest Glen Site Trust, under the Significant Industrial User (SIU) Permit No. 61 issued by the Niagara Falls Water Board (NFWB) on September 5, 2018.

Ramboll
333 West Washington Street
Syracuse, NY 13202
USA

T 315-956-6100
F 315-463-7554
https://ramboll.com

The groundwater recovery system comprises the following:

- Three groundwater recovery wells (RW-1, RW-2, and RW-3) located at the Forest Glen Site.
- An off-site electrical enclosure at Regulator No. 6C, on Hyde Park Avenue in Niagara Falls, housing a power disconnect switch, overflow level sensor, and remote monitoring unit (RMU).

In accordance with SIU Permit No. 61, Goodyear conducts self-monitoring of the monthly flow. The monthly flow data is provided to the NFWB in a separate report on or before the 15th day of the month following the end of the monthly reporting period. The self-monitoring also includes collection of four separate grab samples from recovery wells RW-1, RW-2, and RW-3. For the reporting period ending May 31, 2022, the four grab samples were collected between March 21 and 22, 2021. These samples were delivered to Eurofins TestAmerica in Amherst, NY where they were composited and analyzed for volatile organic compounds (VOCs) including vinyl chloride, 1,1-dichloroethylene, 1,2-dichloroethylene (cis and trans), 1,1-dichloroethane, trichloroethylene, tetrachloroethylene and 1,1,1-trichloroethane

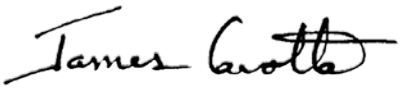
using USEPA method 624. The results of the analyses are summarized in the attached Self-Monitoring Report, which presents the concentration for each well based on the composite samples. The Eurofins TestAmerica laboratory report is provided in the attached.

As required by the SIU permit, the results of the self-monitoring were used to calculate daily loading to the POTW. Based on the results, there were no permit limit violations for the quarter and the loads to the POTW were below the established limits.

Per section E3c of SIU Permit No. 61, a manual check of the Regulator 6C alarm system was conducted on March 23, 2022 and found to be operational.

If you have any questions concerning this report, please do not hesitate to call me at (315) 956-6836.

Yours sincerely,



James Cavotta
SENIOR PROJECT MANAGER

D 315-956-6836
M 315-575-0729
james.cavotta@ramboll.com

cc: Stephen Stewart – NFWB
Jeffrey Dyber – NYSDEC
Jenelle Gaylord – NYSDEC
Chris Wiley - Goodyear

NIAGARA FALLS WATER BOARD
WASTEWATER FACILITIES
ENFORCEMENT DIVISION

SELF-MONITORING REPORT
SIGNIFICANT INDUSTRIAL USERS

PERMIT NO. 61 QUARTER May 31, 2022

INDUSTRY NAME: The Goodyear Tire & Rubber Company

Pursuant to federal pretreatment reporting requirements and the Niagara Falls Water Board Regulations Part 1960, Significant Industrial Users shall submit periodic self-monitoring and compliance reports. Such reports shall be submitted using this form, according to the following schedule:

Quarterly	-	1st Quarter by February 28th
	-	2nd Quarter by May 31st
	-	3rd Quarter by August 31st
	-	4th Quarter by November 30th
Semi-Annual	-	by February 28th and
	-	by August 31st

Each section of this report form shall be filled out for those parameters listed in Section "G" of the company's Wastewater Discharge Permit. The analysis results must be reported in both concentration and mass. In addition, the calculated annual average load (lbs/day) for each pollutant shall also be reported.

The samples shall be collected at the monitoring points identified in the user permit. Identification of those points in this report should be as listed on page two (2) of the User Permit.

SELF-MONITORING REPORT
Significant Industrial Users (SIUs)

PAGE 2

PART II of the report is the Compliance Monitoring section. The user is obligated to determine if the analysis results indicates compliance. All violations noted should be brought to the Niagara Falls Water Board – Wastewater Facilities attention immediately upon noting and should also be reported in this section. The analysis result should be compared against all applicable federal, state and local standards and limitations. If no violations are noted then **"NO VIOLATIONS"** should appear on the report.

Pursuant to 40 CFR Part 403.12g of the Federal Standards, all violations noted must be followed up by a sample recollect/analysis and the results submitted to the Niagara Falls Water Board within thirty (30) days of first becoming aware of the violation.

Pursuant to 40 CFR Part 403.12g all Periodic Self-Monitoring Reports must be signed by a "responsible company official" certifying the following statement:

> I, certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Signed: Jeffrey A Summers

Title: Senior Manager, Global Remediation

Date: May 17, 2022

PART I

ANALYTICAL RESULTS

SIU PERMIT NAME: **The Goodyear Tire & Rubber Company**

SIU PERMIT NO.: **61**

SAMPLE LOCATION: **Forest Glen Site**

	RESULTS RW-1 ug/ℓ	RW-2 ug/ℓ	RESULTS RW-3 ug/ℓ	Combined lbs/day	ANNUAL AVERAGE ug/ℓ	ANNUAL AVERAGE lbs/day
DATE SAMPLED: → 3/22/22						
24-HOUR FLOW IN MGD *						0.033723
BENZENE						
CARBON TETRACHLORIDE						
CHLORODIBROMOMETHANE						
MONOCHLOROBENZENE						
DICHLOROBROMOMETHANE						
CHLOROFORM						
1,1 – DICHLOROETHYLENE	5.0 U	5.0 U	5.0 U	0	0.036	0.00001
1,2 – DICHLOROETHYLENE	1.7 J	38	12	0.0052	17.426	0.0049
BROMOFORM						
ETHYLBENZENE						
1,1,2,2 – TETRACHLOROETHANE						
TETRACHLOROETHYLENE	5.0 U	5.0 U	5.0 U	0	0	0
TOLUENE						
1,1,1 – TRICHLOROETHANE	5.0 U	1.1 J	5.0 U	0.00013	0.489	0.0001
1,1,2 – TRICHLOROETHANE						
TRICHLOROETHYLENE	5.0 U	7.7	5.0 U	0.00089	1.243	0.0003
METHYLENE CHLORIDE						
MONOCHLOROTOLUENES						
MONOCHLOROBENZOTRIFLURIDE						
VINYL CHLORIDE	5.0 U	5.2	3.1 J	0.0008	3.698	0.0011
TETRAHYDRAFURAN						
XYLENE						

PART I

ANALYTICAL RESULTS

SIU PERMIT NAME: The Goodyear Tire & Rubber Company

SIU PERMIT NO.: 61

SAMPLE LOCATION: Forest Glen Site

	RESULTS RW-1	RW-2	RESULTS RW-3	Combined	ANNUAL AVERAGE	ANNUAL AVERAGE
	ug/ℓ /	ug/ℓ	ug/ℓ /	lbs/day	ug/ℓ	lbs/day
DATE SAMPLED: → 3/22/22						
24-HOUR FLOW IN MGD						0.033723
DIMETHYLPHTHALATE						
BUTYL BENZYL PHTHALATE						
Di-N-BUTHY PHTHALATE						
Di-N-OCTYL PHTHALATE						
DIETHYL PHTHALATE						
NITROSODIPHENYLAMINE						
DICHLOROBENZENES						
DICHLOROTOLUENE						
ACENAPHTHENE						
FLUORANTHENE						
CHRYSENE						
NAPHTHALENE						
BENZO (a) ANTHRACENE						
PYRENE						
TRICHLOROBENZENE						
TRICHLOROTOLUENE						
HEXACHLOROBUTADIENE						
TETRACHLOROBENZENE						
HEXACHLOROCYCLOPENTADIENE						
HEXCHLOROBENZENE						
DICHLOROBENZOTRIFLUORIDE						

PART I

ANALYTICAL RESULTS

SIU PERMIT NAME: The Goodyear Tire & Rubber Company

SIU PERMIT NO.: 61

SAMPLE LOCATION: Forest Glen Site

	RESULTS RW-1 ug/ℓ	/ RW-2 ug/ℓ	RESULTS RW-3 ug/ℓ	/ Combined lbs/day	ANNUAL AVERAGE ug/ℓ	ANNUAL AVERAGE lbs/day
DATE SAMPLED: → 3/22/22						
24-HOUR FLOW IN MGD						0.033723
PHENANTHRENE						
MONOCHLOROPHENOL						
DICHLOROPHENOL						
MONOCHLOROCRESOL						
TRICHLOROPHENOL						
PENTACHLOROPHENOL						
HEXACHLOROCYCLOHEXANES						
PCB's						
ENDOSULFAN I +						
ENDOSULFAN II +						
ENDOSULFAN SULFATE						
MIREX						
DECHLORANE PLUS						
HEPTACHLOR +						
HEPTACHLOR EPOXIDE						

PART I

ANALYTICAL RESULTS

SIU PERMIT NAME: The Goodyear Tire & Rubber Company

SIU PERMIT NO.: 61

SAMPLE LOCATION: Forest Glen Site

	RESULTS RW-1 ug/ℓ	/ RW-2 ug/ℓ	RESULTS RW-3 ug/ℓ	/ Combined lbs/day	ANNUAL AVERAGE ug/ℓ	ANNUAL AVERAGE lbs/day
DATE SAMPLED: → 3/22/22						
24-HOUR FLOW IN MGD *						0.033723
1,2,4 – TRICHLOROBENZENE						
1,2 – DICHLOROETHANE						
1,1,1 – TRICHLOROETHANE	5.0 U	1.1 J	5.0 U	0.00013	0.489	0.0001
HEXACHLOROETHANE						
1,1 – DICHLOROETHANE	0.79 J	2.1 J	5.0 U	0.0003	1.322	0.0004
1,1,2 – TRICHLOROETHANE						
CHLOROETHANE						
1,2 – DICHLOROBENZENE						
1,3 – DICHLOROBENZENE						
1,4 – DICHLOROBENZENE						
1,1 DICHLOROETHYLENE	5.0 U	5.0 U	5.0 U	0	0.036	0.00001
1,2 – TRANS-DICHLOROETHYLENE						
1,3 – DICHLOROPROPYLENE						
METHYL CHLORIDE						
NITROBENZENE						
2 – NITROPHENOL						
4 – NITROPHENOL						
4,6 DINITRO-O-CRESOL						
BIS [2 – ETHYHEXYL] PHTHALATE						
ANTHRACENE						
DIETHYL PHTHALATE						
FLUORENE						

PART I

ANALYTICAL RESULTS

SIU PERMIT NAME: The Goodyear Tire & Rubber Company

SIU PERMIT NO.: 61

SAMPLE LOCATION: Forest Glen Site

	RESULTS RW-1 ug/ℓ	/ RW-2 ug/ℓ	RESULTS RW-3 ug/ℓ	/ Combined lbs/day	ANNUAL AVERAGE ug/ℓ	ANNUAL AVERAGE lbs/day
DATE SAMPLED: → 3/22/22						
24-HOUR FLOW IN MGD *						0.033723
1,2 - DICHLOROPROPANE						
VINYL CHLORIDE	5.0 U	5.2	3.1 J	0.0008	3.698	0.0011
ACENAPHTHENE						
BENZENE						
CARBON TETRACHLORIDE						
CHLOROBENZENE						
HEXACHLOROBENZENE						
CHLOROFORM						
ETHYLBENZENE						
FLUORANTHENE						
METHYLENE CHLORIDE						
HEXACHLOROBUTADIEN						
NAPHTHALENE DI – N – BUTHYL PHTHALATE						
DIMETHYL PHTHALATE						
PHENANTHRENE						
PYRENE						
TRACHLOROETHYLENE						
TOLUENE						
TRICHLOROETHYLENE	5.0 U	7.7	5.0 U	0.00089	1.243	0.0003
TOTAL CYANIDE						
TOTAL LEAD						
TOTAL ZINC						

PART I

ANALYTICAL RESULTS

SIU PERMIT NAME: **The Goodyear Tire & Rubber Company**

SIU PERMIT NO.: **61**

SAMPLE LOCATION: **Forest Glen Site**

	RESULTS RW-1 ug/ℓ	/ RW-2 ug/ℓ	RESULTS RW-3 ug/ℓ	/ Combined lbs/day	ANNUAL AVERAGE ug/ℓ	ANNUAL AVERAGE lbs/day
DATE SAMPLED: → 3/22/22						
24-HOUR FLOW IN MGD						0.033723
TOTAL SUSPENDED SOLIDS						
SOLUABLE ORGANIC CARBON						
TOTAL PHOSPHOROUS						
TOTAL PHENOL						
OIL and GREASE						
CADMIUM						
CHROMIUM						
COPPER						
LEAD						
MERCURY						
NICKEL						
ZINC						
ARSENIC						
BERYLLIUM						
BARIUM						
TOTAL CYANIDE						
pH (STANDARD UNITS)						
RESIDUAL CHLORINE						
TOTAL SODIUM CHLORIDE						
TOTAL AMMONIA						
DIETHYLENE GLYCOL						

PART II

COMPLIANCE MONITORING

The Goodyear Tire & Rubber Company

SIU NAME: _____

61

PERMIT NO.: _____

NO PERMIT VIOLATIONS

VIOLATION PARAMETER	DATE	FLOW [MGD]	SAMPLE POINT LOCATION	ACTUAL* DISCHARGE	PERMIT LIMIT	TYPE** LIMIT VIOLATED

NOTE:

* - Actual discharge – list actual analytical results and appropriate units.

** - Type Limit Violated – List Type:

A.A. = Annual Average

D.M. = Daily Maximum

L.L. = Local Limits (Regulation 1960.5)

QUARTERLY SELF-MONITORING SUMMARY
GROUNDWATER RECOVERY SYSTEM EFFLUENT

FOREST GLEN SUPERFUND SITE
NIAGARA FALLS, NEW YORK

		RW-1 volume 13,489 gallons		RW-2 volume 13,776 gallons		RW-3 volume 6,458 gallons		Total volume 33,723 gallons		
Analyte	3/22/2022	Contribution to	3/22/2022	Contribution to loading	3/22/2022	Contribution to loading		Total loading to POTW		
1,1,1-trichloroethane	5 U	0 lbs/day	1.1 J	0.00013 lbs/day	5 U	0	lbs/day	0.00013	lbs/day	0.4494 ug/l
1,1-dichloroethane	0.79 J	0.0001 lbs/day	2.1 J	0.00024 lbs/day	5 U	0	lbs/day	0.0003	lbs/day	1.1739 ug/l
1,1-dichloroethylene	5 U	0 lbs/day	5 U	0 lbs/day	5 U	0	lbs/day	0	lbs/day	0 ug/l
cis-1,2-dichloroethylene	1.7 J	0.0002 lbs/day	38.0	0.0044 lbs/day	12	0.0006	lbs/day	0.0052	lbs/day	18.5012 ug/l
tetrachloroethylene	5 U	0 lbs/day	5 U	0 lbs/day	5U	0	lbs/day	0	lbs/day	0 ug/l
trans-1,2-dichloroethylene	5 U	0 lbs/day	5 U	0 lbs/day	5 U	0	lbs/day	0	lbs/day	0 ug/l
trichloroethylene	5 U	0 lbs/day	7.7	0.00089 lbs/day	5U	0	lbs/day	0.00089	lbs/day	3.1455 ug/l
vinyl chloride	5 U	0 lbs/day	5.2	0.00060 lbs/day	3.1 J	0.0002	lbs/day	0.0008	lbs/day	2.7179 ug/l

Notes
1. Concentrations reported in units of ug/l
2. U - undetected, with detection limit identified
3. J - estimated value

	6/15/2021	9/21/2021	12/21/2021	3/22/2022	Average
Analyte	ug/l	ug/l	ug/l	ug/l	ug/l
1,1,1-trichloroethane	0.5478	0.4562	0.5023	0.4494	0.489
1,1-dichloroethane	1.3322	1.5802	1.2032	1.1739	1.322
1,1-dichloroethylene	0.1445	0	0	0	0.036
cis-1,2-dichloroethylene	14.3485	17.4906	19.3619	18.5012	17.426
tetrachloroethylene	0	0	0	0	0
trans-1,2-dichloroethylene	0.1032	0	0	0	0.026
trichloroethylene	0.3318	0.3645	1.1302	3.1455	1.243
vinyl chloride	4.9947	3.3648	3.7130	2.7179	3.698

Analyte	lb/day	lb/day	lb/day	lb/day	lbs/day
1,1,1-trichloroethane	0.00017	0.00014	0.00012	0.00013	0.0001
1,1-dichloroethane	0.0004	0.0005	0.0003	0.0003	0.0004
1,1-dichloroethylene	0.00005	0	0	0	0.00001
cis-1,2-dichloroethylene	0.0046	0.0053	0.0045	0.0052	0.0049
tetrachloroethylene	0	0	0	0	0
trans-1,2-dichloroethylene	0.00003	0	0	0	0.0000
trichloroethylene	0.00011	0.00011	0.00026	0.00089	0.0003
vinyl chloride	0.0016	0.0010	0.0009	0.0008	0.0011

eurofins | Environment Testing America

ANALYTICAL REPORT

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

Laboratory Job ID: 480-196003-1
Client Project/Site: Forest Glen Monitoring

For:
O'Brien & Gere Inc of North America
333 West Washington St.
PO BOX 4873
East Syracuse, New York 13221

Attn: Mr. David J Carnevale

Authorized for release by:
3/28/2022 2:27:47 PM
Rebecca Jones, Project Management Assistant I
Rebecca.Jones@Eurofinset.com

Designee for

John Schove, Project Manager II
(716)504-9838
John.Schove@Eurofinset.com

Table of Contents

Definitions/Glossary

Client: O'Brien & Gere Inc of North America
Job ID: 480-196003-1
Project/Site: Forest Glen Monitoring

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.

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

Case Narrative

Client: O'Brien & Gere Inc of North America
Job ID: 480-196003-1
Project/Site: Forest Glen Monitoring

Job ID: 480-196003-1

Laboratory: Eurofins Buffalo

Narrative

Job Narrative
480-196003-1

Comments
No additional comments.

Receipt
The samples were received on 3/23/2022 8:00 AM. Unless otherwise noted below, the samples arrived in good condition, and where required, properly preserved and on ice. The temperature of the cooler at receipt was 3.9º C.

GC/MS VOA
Method 624.1: The following Volatile sample(s) was composited by the laboratory on 2/23/22 as requested by the client: RW-1 COMP (480-196003-13), RW-2 COMP (480-196003-14) and RW-3 COMP (480-196003-15). Regulatory defined guidance for in-laboratory compositing of samples, is currently not available. Laboratory sample compositing was performed using established project specifications and/or laboratory standard operating procedures.

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

Detection Summary

Client: O'Brien & Gere Inc of North America
Job ID: 480-196003-1
Project/Site: Forest Glen Monitoring

Client Sample ID: RW-1 COMP — Lab Sample ID: 480-196003-13

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	0.79	J	5.0	0.59	ug/L	1		624.1	Total/NA
cis-1,2-Dichloroethylene	1.7	J	5.0	0.57	ug/L	1		624.1	Total/NA

Client Sample ID: RW-2 COMP — Lab Sample ID: 480-196003-14

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1,1-Trichloroethane	1.1	J	5.0	0.39	ug/L	1		624.1	Total/NA
1,1-Dichloroethane	2.1	J	5.0	0.59	ug/L	1		624.1	Total/NA
cis-1,2-Dichloroethylene	38		5.0	0.57	ug/L	1		624.1	Total/NA
Trichloroethylene	7.7		5.0	0.60	ug/L	1		624.1	Total/NA
Vinyl chloride	5.2		5.0	0.75	ug/L	1		624.1	Total/NA

Client Sample ID: RW-3 COMP — Lab Sample ID: 480-196003-15

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethylene	12		5.0	0.57	ug/L	1		624.1	Total/NA
Vinyl chloride	3.1	J	5.0	0.75	ug/L	1		624.1	Total/NA

This Detection Summary does not include radiochemical test results.

Client: O'Brien & Gere Inc of North America
Project/Site: Forest Glen Monitoring

Job ID: 480-196003-1

Client Sample ID: RW-1 COMP
Date Collected: 03/22/22 11:20
Date Received: 03/23/22 08:00

Lab Sample ID: 480-196003-13
Matrix: Water

Method: 624.1 - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.0	0.39	ug/L			03/23/22 15:44	1
1,1-Dichloroethane	**0.79**	**J**	5.0	0.59	ug/L			03/23/22 15:44	1
1,1-Dichloroethylene	ND		5.0	0.85	ug/L			03/23/22 15:44	1
cis-1,2-Dichloroethylene	**1.7**	**J**	5.0	0.57	ug/L			03/23/22 15:44	1
Tetrachloroethylene	ND		5.0	0.34	ug/L			03/23/22 15:44	1
trans-1-2-Dichloroethylene	ND		5.0	0.59	ug/L			03/23/22 15:44	1
Trichloroethylene	ND		5.0	0.60	ug/L			03/23/22 15:44	1
Vinyl chloride	ND		5.0	0.75	ug/L			03/23/22 15:44	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*95*		*68 - 130*		*03/23/22 15:44*	*1*
4-Bromofluorobenzene (Surr)	*103*		*76 - 123*		*03/23/22 15:44*	*1*
Dibromofluoromethane (Surr)	*104*		*75 - 123*		*03/23/22 15:44*	*1*
Toluene-d8 (Surr)	*98*		*77 - 120*		*03/23/22 15:44*	*1*

Client: O'Brien & Gere Inc of North America
Project/Site: Forest Glen Monitoring

Job ID: 480-196003-1

Client Sample ID: RW-2 COMP
Date Collected: 03/22/22 11:20
Date Received: 03/23/22 08:00

Lab Sample ID: 480-196003-14
Matrix: Water

Method: 624.1 - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	**1.1**	**J**	5.0	0.39	ug/L			03/23/22 16:08	1
1,1-Dichloroethane	**2.1**	**J**	5.0	0.59	ug/L			03/23/22 16:08	1
1,1-Dichloroethylene	ND		5.0	0.85	ug/L			03/23/22 16:08	1
cis-1,2-Dichloroethylene	**38**		5.0	0.57	ug/L			03/23/22 16:08	1
Tetrachloroethylene	ND		5.0	0.34	ug/L			03/23/22 16:08	1
trans-1-2-Dichloroethylene	ND		5.0	0.59	ug/L			03/23/22 16:08	1
Trichloroethylene	**7.7**		5.0	0.60	ug/L			03/23/22 16:08	1
Vinyl chloride	**5.2**		5.0	0.75	ug/L			03/23/22 16:08	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*93*		*68 - 130*		*03/23/22 16:08*	*1*
4-Bromofluorobenzene (Surr)	*101*		*76 - 123*		*03/23/22 16:08*	*1*
Dibromofluoromethane (Surr)	*100*		*75 - 123*		*03/23/22 16:08*	*1*
Toluene-d8 (Surr)	*100*		*77 - 120*		*03/23/22 16:08*	*1*

Client: O'Brien & Gere Inc of North America
Project/Site: Forest Glen Monitoring

Job ID: 480-196003-1

Client Sample ID: RW-3 COMP
Date Collected: 03/22/22 11:20
Date Received: 03/23/22 08:00

Lab Sample ID: 480-196003-15
Matrix: Water

Method: 624.1 - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.0	0.39	ug/L			03/23/22 16:32	1
1,1-Dichloroethane	ND		5.0	0.59	ug/L			03/23/22 16:32	1
1,1-Dichloroethylene	ND		5.0	0.85	ug/L			03/23/22 16:32	1
cis-1,2-Dichloroethylene	**12**		5.0	0.57	ug/L			03/23/22 16:32	1
Tetrachloroethylene	ND		5.0	0.34	ug/L			03/23/22 16:32	1
trans-1-2-Dichloroethylene	ND		5.0	0.59	ug/L			03/23/22 16:32	1
Trichloroethylene	ND		5.0	0.60	ug/L			03/23/22 16:32	1
Vinyl chloride	**3.1**	**J**	5.0	0.75	ug/L			03/23/22 16:32	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*98*		*68 - 130*		*03/23/22 16:32*	*1*
4-Bromofluorobenzene (Surr)	*100*		*76 - 123*		*03/23/22 16:32*	*1*
Dibromofluoromethane (Surr)	*102*		*75 - 123*		*03/23/22 16:32*	*1*
Toluene-d8 (Surr)	*100*		*77 - 120*		*03/23/22 16:32*	*1*

Surrogate Summary

Client: O'Brien & Gere Inc of North America
Project/Site: Forest Glen Monitoring

Job ID: 480-196003-1

Method: 624.1 - Volatile Organic Compounds (GC/MS)

Matrix: Water

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)			
		DCA	BFB	DBFM	TOL
Lab Sample ID	Client Sample ID	(68-130)	(76-123)	(75-123)	(77-120)
480-196003-13	RW-1 COMP	95	103	104	98
480-196003-14	RW-2 COMP	93	101	100	100
480-196003-15	RW-3 COMP	98	100	102	100
LCS 480-618749/6	Lab Control Sample	98	99	103	101
MB 480-618749/8	Method Blank	102	103	105	99

Surrogate Legend

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

Client: O'Brien & Gere Inc of North America
Project/Site: Forest Glen Monitoring

Job ID: 480-196003-1

Method: 624.1 - Volatile Organic Compounds (GC/MS)

Lab Sample ID: MB 480-618749/8
Matrix: Water
Analysis Batch: 618749

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	ND		5.0	0.39	ug/L			03/23/22 13:20	1
1,1-Dichloroethane	ND		5.0	0.59	ug/L			03/23/22 13:20	1
1,1-Dichloroethylene	ND		5.0	0.85	ug/L			03/23/22 13:20	1
cis-1,2-Dichloroethylene	ND		5.0	0.57	ug/L			03/23/22 13:20	1
Tetrachloroethylene	ND		5.0	0.34	ug/L			03/23/22 13:20	1
trans-1-2-Dichloroethylene	ND		5.0	0.59	ug/L			03/23/22 13:20	1
Trichloroethylene	ND		5.0	0.60	ug/L			03/23/22 13:20	1
Vinyl chloride	ND		5.0	0.75	ug/L			03/23/22 13:20	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*102*		*68 - 130*		*03/23/22 13:20*	*1*
4-Bromofluorobenzene (Surr)	*103*		*76 - 123*		*03/23/22 13:20*	*1*
Dibromofluoromethane (Surr)	*105*		*75 - 123*		*03/23/22 13:20*	*1*
Toluene-d8 (Surr)	*99*		*77 - 120*		*03/23/22 13:20*	*1*

Lab Sample ID: LCS 480-618749/6
Matrix: Water
Analysis Batch: 618749

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	20.0	17.9		ug/L		90	52 - 162
1,1-Dichloroethane	20.0	20.8		ug/L		104	59 - 155
1,1-Dichloroethylene	20.0	20.7		ug/L		104	1 - 234
Tetrachloroethylene	20.0	21.1		ug/L		106	64 - 148
trans-1-2-Dichloroethylene	20.0	21.0		ug/L		105	54 - 156
Trichloroethylene	20.0	20.4		ug/L		102	71 - 157
Vinyl chloride	20.0	19.9		ug/L		99	1 - 251

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*98*		*68 - 130*
4-Bromofluorobenzene (Surr)	*99*		*76 - 123*
Dibromofluoromethane (Surr)	*103*		*75 - 123*
Toluene-d8 (Surr)	*101*		*77 - 120*

QC Association Summary

Client: O'Brien & Gere Inc of North America
Project/Site: Forest Glen Monitoring

Job ID: 480-196003-1

GC/MS VOA

Analysis Batch: 618749

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-196003-13	RW-1 COMP	Total/NA	Water	624.1	
480-196003-14	RW-2 COMP	Total/NA	Water	624.1	
480-196003-15	RW-3 COMP	Total/NA	Water	624.1	
MB 480-618749/8	Method Blank	Total/NA	Water	624.1	
LCS 480-618749/6	Lab Control Sample	Total/NA	Water	624.1	

Lab Chronicle

Client: O'Brien & Gere Inc of North America
Project/Site: Forest Glen Monitoring

Job ID: 480-196003-1

Client Sample ID: RW-1 COMP

Lab Sample ID: 480-196003-13

Date Collected: 03/22/22 11:20
Matrix: Water
Date Received: 03/23/22 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	624.1		1	618749	03/23/22 15:44	ATG	TAL BUF

Client Sample ID: RW-2 COMP

Lab Sample ID: 480-196003-14

Date Collected: 03/22/22 11:20
Matrix: Water
Date Received: 03/23/22 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	624.1		1	618749	03/23/22 16:08	ATG	TAL BUF

Client Sample ID: RW-3 COMP

Lab Sample ID: 480-196003-15

Date Collected: 03/22/22 11:20
Matrix: Water
Date Received: 03/23/22 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	624.1		1	618749	03/23/22 16:32	ATG	TAL BUF

Laboratory References:

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

Accreditation/Certification Summary

Client: O'Brien & Gere Inc of North America
Job ID: 480-196003-1
Project/Site: Forest Glen Monitoring

Laboratory: Eurofins Buffalo

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

Authority	Program	Identification Number	Expiration Date
New York	NELAP	10026	04-01-22

Method Summary

Client: O'Brien & Gere Inc of North America
Project/Site: Forest Glen Monitoring

Job ID: 480-196003-1

Method	Method Description	Protocol	Laboratory
624.1	Volatile Organic Compounds (GC/MS)	40CFR136A	TAL BUF

Protocol References:

40CFR136A = "Methods for Organic Chemical Analysis of Municipal Industrial Wastewater ", 40CFR, Part 136, Appendix A, October 26, 1984 and subsequent revisions.

Laboratory References:

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

Sample Summary

Client: O'Brien & Gere Inc of North America
Job ID: 480-196003-1
Project/Site: Forest Glen Monitoring

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
480-196003-13	RW-1 COMP	Water	03/22/22 11:20	03/23/22 08:00
480-196003-14	RW-2 COMP	Water	03/22/22 11:20	03/23/22 08:00
480-196003-15	RW-3 COMP	Water	03/22/22 11:20	03/23/22 08:00

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

Chain of Custody Record

eurofins | Environment Testing America

Client Information	Sampler: MARTIN KOENNECKE	Lab PM: Schove, John R	Carrier Tracking No(s):	COC No: 480-171885-36856.1
Client Contact: Mr. Yuri Veliz	Phone: 315-729-1300	E-Mail: John.Schove@Eurofinset.com	State of Origin:	Page: Page 1 of 1
Company: Ramboll US Corporation	PWSID:			Job #
Address: 94 New Karner Rd Suite 106	Due Date Requested:			
City: Albany	TAT Requested (days):			
State, Zip: NY, 12203	Compliance Project: Δ Yes Δ No			
Phone: 315-956-6100(Tel) 315-463-7554(Fax)	PO #: 1950003279			
Email: Yuri.Veliz@ramboll.com	WO #:			
Project Name: Forest Glen Monitoring	Project #: 48002808			
Site:	SSOW#:			

Analysis Requested

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
M - Hexane
N - None
O - AsNaO2
P - Na2O4S
Q - Na2SO3
R - Na2S2O3
S - H2SO4
T - TSP Dodecahydrate
U - Acetone
V - MCAA
W - pH 4-5
Z - other (specify)

Other:

To be composited By LABS

Special Instructions/Note:

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	624.1_PREC - Site Specific List	Total Number of containers
			Preservation Code:				A	
RW-1 032122	3-21-22	11:25	G	Water			2	
RW-2 032122	3-21-22	11:25	G	Water			2	
RW-3 032122	3-21-22	11:25	G	Water			2	
RW-1 032122	3-21-22	16:10	G	W			2	
RW-2 032122	3-21-22	16:10	G	W			2	
RW-3 032122	3-21-22	16:10	G	W			2	
RW-1 032222	3-22-22	7:00	G	W			2	
RW-2 032222	3-22-22	7:00	G	W			2	
RW-3 032222	3-22-22	7:00	G	W			2	
RW-1 032222	3-22-22	11:20	G	W			2	
RW2 032222	3-22-22	11:20	G	W			2	
RW-3 032222	3-22-22	11:20	G	W			2	

480-196003 Chain of Custody

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

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

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

Special Instructions/QC Requirements:

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

	Relinquished by	Date/Time	Company	Received by	Date/Time	Company
1	Martin Koennecke	3-22-22 / 17:05	VSW1G		3/22/22 1705	CTA
2						
3					3/23/22 0800	JFS

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

Cooler Temperature(s) °C and Other Remarks: 3.9 # 1 ICE

Ver: 06/08/2021

Login Sample Receipt Checklist

Client: O'Brien & Gere Inc of North America

Job Number: 480-196003-1

Login Number: 196003

List Source: Eurofins Buffalo

List Number: 1

Creator: Sabuda, Brendan D

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	3.9 #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	

RAMBOLL

ENVIRONMENT
& HEALTH

Mr. Joel Paradise
Niagara Falls Water Board
5815 Buffalo Avenue
Niagara Falls, New York 14304

August 23, 2022

Significant Industrial User (SIU) Permit No. 61 for Forest Glen Site – Quarterly Monitoring Report (Period ending August 31, 2022)

Dear Mr. Paradise:

This quarterly monitoring report for the period between June 1, 2022 and August 31, 2022 is provided for the groundwater recovery and discharge system (the "system") constructed at the Forest Glen Superfund Site in Niagara Falls, New York. The Goodyear Tire & Rubber Company (Goodyear) owns and operates the system, as agent for the Forest Glen Site Trust, under the Significant Industrial User (SIU) Permit No. 61 issued by the Niagara Falls Water Board (NFWB) on September 5, 2018.

Ramboll
333 West Washington Street
Syracuse, NY 13202
USA

T 315-956-6100
F 315-463-7554
https://ramboll.com

The groundwater recovery system comprises the following:

- Three groundwater recovery wells (RW-1, RW-2, and RW-3) located at the Forest Glen Site.
- An off-site electrical enclosure at Regulator No. 6C, on Hyde Park Avenue in Niagara Falls, housing a power disconnect switch, overflow level sensor, and remote monitoring unit (RMU).

In accordance with SIU Permit No. 61, Goodyear conducts self-monitoring of the monthly flow. The monthly flow data is provided to the NFWB in a separate report on or before the 15th day of the month following the end of the monthly reporting period. The self-monitoring also includes collection of four separate grab samples from recovery wells RW-1, RW-2, and RW-3. For the reporting period ending August 31, 2022, the four grab samples were collected between June 21 and 22, 2022. These samples were delivered to Eurofins in Amherst, NY where they were composited and analyzed for volatile organic compounds (VOCs) including vinyl chloride, 1,1-dichloroethylene, 1,2-dichloroethylene (cis and trans), 1,1-

dichloroethane, trichloroethylene, tetrachloroethylene and 1,1,1-trichloroethane using USEPA method 624. The results of the analyses are summarized in the attached Self-Monitoring Report, which presents the concentration for each well based on the composite samples. The Eurofins laboratory report is also attached.

As required by the SIU permit, the results of the self-monitoring were used to calculate daily loading to the POTW. Based on the results, there were no permit limit violations for the quarter and the loads to the POTW were below the established limits.

Per section E3c of SIU Permit No. 61, a manual check of the Regulator 6C alarm system was conducted on June 23, 2022 and found to be operational.

If you have any questions concerning this report, please do not hesitate to call me.

Yours sincerely,

James Cavotta
SENIOR PROJECT MANAGER

D 315-956-6836
M 315-575-0729
james.cavotta@ramboll.com

cc: Stephen Stewart – NFWB
Jeffrey Dyber – NYSDEC
Jenelle Gaylord – NYSDEC
Chris Wiley - Goodyear

NIAGARA FALLS WATER BOARD
WASTEWATER FACILITIES
ENFORCEMENT DIVISION

SELF-MONITORING REPORT
SIGNIFICANT INDUSTRIAL USERS

PERMIT NO. 61 QUARTER August 31, 2022

INDUSTRY NAME: The Goodyear Tire & Rubber Company

Pursuant to federal pretreatment reporting requirements and the Niagara Falls Water Board Regulations Part 1960, Significant Industrial Users shall submit periodic self-monitoring and compliance reports. Such reports shall be submitted using this form, according to the following schedule:

Quarterly	-	1st Quarter by February 28th
	-	2nd Quarter by May 31st
	-	3rd Quarter by August 31st
	-	4th Quarter by November 30th
Semi-Annual	-	by February 28th and
	-	by August 31st

Each section of this report form shall be filled out for those parameters listed in Section "G" of the company's Wastewater Discharge Permit. The analysis results must be reported in both concentration and mass. In addition, the calculated annual average load (lbs/day) for each pollutant shall also be reported.

The samples shall be collected at the monitoring points identified in the user permit. Identification of those points in this report should be as listed on page two (2) of the User Permit.

SELF-MONITORING REPORT
Significant Industrial Users (SIUs)

PAGE 2

PART II of the report is the Compliance Monitoring section. The user is obligated to determine if the analysis results indicates compliance. All violations noted should be brought to the Niagara Falls Water Board – Wastewater Facilities attention immediately upon noting and should also be reported in this section. The analysis result should be compared against all applicable federal, state and local standards and limitations. If no violations are noted then **"NO VIOLATIONS"** should appear on the report.

Pursuant to 40 CFR Part 403.12g of the Federal Standards, all violations noted must be followed up by a sample recollect/analysis and the results submitted to the Niagara Falls Water Board within thirty (30) days of first becoming aware of the violation.

Pursuant to 40 CFR Part 403.12g all Periodic Self-Monitoring Reports must be signed by a "responsible company official" certifying the following statement:

> I, certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Signed: Jeffrey A. Lamm

Title: SENIOR MANAGER, GLOBAL REMEDIATION

Date: AUGUST 10, 2022

PART I

ANALYTICAL RESULTS

SIU PERMIT NAME: The Goodyear Tire & Rubber Company

SIU PERMIT NO.: 61

SAMPLE LOCATION: Forest Glen Site

	RESULTS RW-1 ug/ℓ	/ RW-2 ug/ℓ	RESULTS RW-3 ug/ℓ	/ Combined lbs/day	ANNUAL AVERAGE ug/ℓ	ANNUAL AVERAGE lbs/day
DATE SAMPLED: → 6/22/22						
24-HOUR FLOW IN MGD *						0.038088
BENZENE						
CARBON TETRACHLORIDE						
CHLORODIBROMOMETHANE						
MONOCHLOROBENZENE						
DICHLOROBROMOMETHANE						
CHLOROFORM						
1,1 – DICHLOROETHYLENE	5.0 U	5.0 U	5.0 U	0	0	0
1,2 – DICHLOROETHYLENE	40	9.8	25	0.0075	19.767	0.006
BROMOFORM						
ETHYLBENZENE						
1,1,2,2 – TETRACHLOROETHANE						
TETRACHLOROETHYLENE	5.0 U	5.0 U	5.0 U	0	0	0
TOLUENE						
1,1,1 – TRICHLOROETHANE	1.5 J	5.0 U	5.0 U	0.0002	0.491	0.0001
1,1,2 – TRICHLOROETHANE						
TRICHLOROETHYLENE	5.0 U	0.86 J	5.0 U	0.0001	1.257	0.0003
METHYLENE CHLORIDE						
MONOCHLOROTOLUENES						
MONOCHLOROBENZOTRIFLURIDE						
VINYL CHLORIDE	11	4.3 J	5.0 U	0.0022	4.175	0.001
TETRAHYDRAFURAN						
XYLENE						

PART I

ANALYTICAL RESULTS

SIU PERMIT NAME: The Goodyear Tire & Rubber Company

SIU PERMIT NO.: 61

SAMPLE LOCATION: Forest Glen Site

	RESULTS RW-1 ug/ℓ	RW-2 ug/ℓ	RESULTS RW-3 ug/ℓ	Combined lbs/day	ANNUAL AVERAGE ug/ℓ	ANNUAL AVERAGE lbs/day
DATE SAMPLED: → 6/22/22						
24-HOUR FLOW IN MGD						0.038088
DIMETHYLPHTHALATE						
BUTYL BENZYL PHTHALATE						
Di-N-BUTHY PHTHALATE						
Di-N-OCTYL PHTHALATE						
DIETHYL PHTHALATE						
NITROSODIPHENYLAMINE						
DICHLOROBENZENES						
DICHLOROTOLUENE						
ACENAPHTHENE						
FLUORANTHENE						
CHRYSENE						
NAPHTHALENE						
BENZO (a) ANTHRACENE						
PYRENE						
TRICHLOROBENZENE						
TRICHLOROTOLUENE						
HEXACHLOROBUTADIENE						
TETRACHLOROBENZENE						
HEXACHLOROCYCLOPENTADIENE						
HEXCHLOROBENZENE						
DICHLOROBENZOTRIFLUORIDE						

PART I

ANALYTICAL RESULTS

SIU PERMIT NAME: The Goodyear Tire & Rubber Company

SIU PERMIT NO.: 61

SAMPLE LOCATION: Forest Glen Site

	RESULTS RW-1 ug/ℓ	/ RW-2 ug/ℓ	RESULTS RW-3 ug/ℓ	/ Combined lbs/day	ANNUAL AVERAGE ug/ℓ	ANNUAL AVERAGE lbs/day
DATE SAMPLED: → 6/22/22						
24-HOUR FLOW IN MGD						0.038088
PHENANTHRENE						
MONOCHLOROPHENOL						
DICHLOROPHENOL						
MONOCHLOROCRESOL						
TRICHLOROPHENOL						
PENTACHLOROPHENOL						
HEXACHLOROCYCLOHEXANES						
PCB's						
ENDOSULFAN I +						
ENDOSULFAN II +						
ENDOSULFAN SULFATE						
MIREX						
DECHLORANE PLUS						
HEPTACHLOR +						
HEPTACHLOR EPOXIDE						

PART I

ANALYTICAL RESULTS

SIU PERMIT NAME: The Goodyear Tire & Rubber Company

SIU PERMIT NO.: 61

SAMPLE LOCATION: Forest Glen Site

	RESULTS RW-1 ug/ℓ	/ RW-2 ug/ℓ	RESULTS RW-3 ug/ℓ	/ Combined lbs/day	ANNUAL AVERAGE ug/ℓ	ANNUAL AVERAGE lbs/day
DATE SAMPLED: → 6/22/22						
24-HOUR FLOW IN MGD *						0.038088
1,2,4 – TRICHLOROBENZENE						
1,2 – DICHLOROETHANE						
1,1,1 – TRICHLOROETHANE	1.5 J	5.0 U	5.0 U	0.0002	0.491	0.0001
HEXACHLOROETHANE						
1,1 – DICHLOROETHANE	3.1 J	5.0 U	5.0 U	0.0004	1.276	0.0004
1,1,2 – TRICHLOROETHANE						
CHLOROETHANE						
1,2 – DICHLOROBENZENE						
1,3 – DICHLOROBENZENE						
1,4 – DICHLOROBENZENE						
1,1 DICHLOROETHYLENE	5.0 U	5.0 U	5.0 U	0	0	0
1,2 – TRANS-DICHLOROETHYLENE						
1,3 – DICHLOROPROPYLENE						
METHYL CHLORIDE						
NITROBENZENE						
2 – NITROPHENOL						
4 – NITROPHENOL						
4,6 DINITRO-O-CRESOL						
BIS [2 – ETHYHEXYL] PHTHALATE						
ANTHRACENE						
DIETHYL PHTHALATE						
FLUORENE						

PART I

ANALYTICAL RESULTS

SIU PERMIT NAME: The Goodyear Tire & Rubber Company

SIU PERMIT NO.: 61

SAMPLE LOCATION: Forest Glen Site

	RESULTS RW-1 ug/ℓ	/ RW-2 ug/ℓ	RESULTS RW-3 ug/ℓ	/ Combined lbs/day	ANNUAL AVERAGE ug/ℓ	ANNUAL AVERAGE lbs/day
DATE SAMPLED: → 6/22/22						
24-HOUR FLOW IN MGD *						0.038088
1,2 - DICHLOROPROPANE						
VINYL CHLORIDE	11	4.3 J	5.0 U	0.0022	4.175	0.001
ACENAPHTHENE						
BENZENE						
CARBON TETRACHLORIDE						
CHLOROBENZENE						
HEXACHLOROBENZENE						
CHLOROFORM						
ETHYLBENZENE						
FLUORANTHENE						
METHYLENE CHLORIDE						
HEXACHLOROBUTADIEN						
NAPHTHALENE DI – N – BUTHYL PHTHALATE						
DIMETHYL PHTHALATE						
PHENANTHRENE						
PYRENE						
TRACHLOROETHYLENE						
TOLUENE						
TRICHLOROETHYLENE	5.0 U	0.86 J	5.0 U	0.0001	1.257	0.0003
TOTAL CYANIDE						
TOTAL LEAD						
TOTAL ZINC						

PART I

ANALYTICAL RESULTS

SIU PERMIT NAME: **The Goodyear Tire & Rubber Company**

SIU PERMIT NO.: **61**

SAMPLE LOCATION: **Forest Glen Site**

	RESULTS RW-1 ug/ℓ	/ RW-2 ug/ℓ	RESULTS RW-3 ug/ℓ	/ Combined lbs/day	ANNUAL AVERAGE ug/ℓ	ANNUAL AVERAGE lbs/day
DATE SAMPLED: → 6/22/22						
24-HOUR FLOW IN MGD						0.038088
TOTAL SUSPENDED SOLIDS						
SOLUABLE ORGANIC CARBON						
TOTAL PHOSPHOROUS						
TOTAL PHENOL						
OIL and GREASE						
CADMIUM						
CHROMIUM						
COPPER						
LEAD						
MERCURY						
NICKEL						
ZINC						
ARSENIC						
BERYLLIUM						
BARIUM						
TOTAL CYANIDE						
pH (STANDARD UNITS)						
RESIDUAL CHLORINE						
TOTAL SODIUM CHLORIDE						
TOTAL AMMONIA						
DIETHYLENE GLYCOL						

PART II

COMPLIANCE MONITORING

The Goodyear Tire & Rubber Company

SIU NAME: _____

61

PERMIT NO.: _____

NO PERMIT VIOLATIONS

VIOLATION PARAMETER	DATE	FLOW [MGD]	SAMPLE POINT LOCATION	ACTUAL* DISCHARGE	PERMIT LIMIT	TYPE** LIMIT VIOLATED

NOTE:

* - Actual discharge – list actual analytical results and appropriate units.

** - Type Limit Violated – List Type:

A.A. = Annual Average

D.M. = Daily Maximum

L.L. = Local Limits (Regulation 1960.5)

QUARTERLY SELF-MONITORING SUMMARY
GROUNDWATER RECOVERY SYSTEM EFFLUENT

FOREST GLEN SUPERFUND SITE
NIAGARA FALLS, NEW YORK

		RW-1 volume 14,076 gallons		RW-2 volume 17,112 gallons		RW-3 volume 6,900 gallons	Total volume 38,088 gallons	
Analyte	6/22/2022	Contribution to	6/22/2022	Contribution to loading	6/22/2022	Contribution to loading	Total loading to POTW	
1,1,1-trichloroethane	1.5 J	0.0002 lbs/day	5 U	0 lbs/day	5 U	0 lbs/day	0.0002 lbs/day	0.5543 ug/l
1,1-dichloroethane	3.1 J	0.0004 lbs/day	5 U	0 lbs/day	5 U	0 lbs/day	0.0004 lbs/day	1.1457 ug/l
1,1-dichloroethylene	5 U	0 lbs/day	5 U	0 lbs/day	5 U	0 lbs/day	0 lbs/day	0 ug/l
cis-1,2-dichloroethylene	40	0.0047 lbs/day	9.8	0.0014 lbs/day	25	0.0014 lbs/day	0.0075 lbs/day	23.7145 ug/l
tetrachloroethylene	5 U	0 lbs/day	5 U	0 lbs/day	5U	0 lbs/day	0 lbs/day	0 ug/l
trans-1,2-dichloroethylene	5 U	0 lbs/day	5 U	0 lbs/day	5 U	0 lbs/day	0 lbs/day	0 ug/l
trichloroethylene	5 U	0 lbs/day	0.86 J	0.00012 lbs/day	5U	0 lbs/day	0.0001 lbs/day	0.3864 ug/l
vinyl chloride	11	0.0013 lbs/day	4.3 J	0.00061 lbs/day	5.0 J	0.0003 lbs/day	0.0022 lbs/day	6.9029 ug/l

Notes
1. Concentrations reported in units of ug/l
2. U - undetected, with detection limit identified
3. J - estimated value

	9/21/2021	12/21/2021	3/22/2022	6/22/2022	Average
Analyte	ug/l	ug/l	ug/l	ug/l	ug/l
1,1,1-trichloroethane	0.4562	0.5023	0.4494	0.5543	0.491
1,1-dichloroethane	1.5802	1.2032	1.1739	1.1457	1.276
1,1-dichloroethylene	0	0	0	0	0
cis-1,2-dichloroethylene	17.4906	19.3619	18.5012	23.7145	19.767
tetrachloroethylene	0	0	0	0	0
trans-1,2-dichloroethylene	0	0	0	0	0
trichloroethylene	0.3645	1.1302	3.1455	0.3864	1.257
vinyl chloride	3.3648	3.7130	2.7179	6.9029	4.175

Analyte	lb/day	lb/day	lb/day	lb/day	lbs/day
1,1,1-trichloroethane	0.00014	0.00012	0.00013	0.00020	0.0001
1,1-dichloroethane	0.0005	0.0003	0.0003	0.0004	0.0004
1,1-dichloroethylene	0	0	0	0	0
cis-1,2-dichloroethylene	0.0053	0.0045	0.0052	0.0075	0.006
tetrachloroethylene	0	0	0	0	0
trans-1,2-dichloroethylene	0	0	0	0	0
trichloroethylene	0.00011	0.00026	0.00089	0.00010	0.0003
vinyl chloride	0.0010	0.0009	0.0008	0.0022	0.001

eurofins | Environment Testing America

ANALYTICAL REPORT

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

Laboratory Job ID: 480-199247-1
Client Project/Site: Discharge Analysis
Sampling Event: Discharge Analysis

For:
O'Brien & Gere Inc of North America
333 West Washington St.
PO BOX 4873
East Syracuse, New York 13221

Attn: Mr. David J Carnevale

Authorized for release by:
6/27/2022 11:41:42 AM
Rebecca Jones, Project Management Assistant I
Rebecca.Jones@et.eurofinsus.com

Designee for

John Schove, Project Manager II
(716)504-9838
John.Schove@et.eurofinsus.com

Table of Contents

Definitions/Glossary

Client: O'Brien & Gere Inc of North America
Job ID: 480-199247-1
Project/Site: Discharge Analysis

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.

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

Case Narrative

Client: O'Brien & Gere Inc of North America
Project/Site: Discharge Analysis

Job ID: 480-199247-1

Job ID: 480-199247-1

Laboratory: Eurofins Buffalo

Narrative

Job Narrative
480-199247-1

Comments
No additional comments.

Receipt
The samples were received on 6/22/2022 4:20 PM. Unless otherwise noted below, the samples arrived in good condition, and where required, properly preserved and on ice. The temperature of the cooler at receipt was 4.9º C.

GC/MS VOA
Method 624.1: The following Volatile samples were composited by the laboratory on 6/23 as requested by the client: RW-1 Composite (480-199247-13), RW-2 Composite (480-199247-14) and RW-3 Composite (480-199247-15).
Regulatory defined guidance for in-laboratory compositing of samples, is currently not available. Laboratory sample compositing was performed using established project specifications and/or laboratory standard operating procedures.

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

Detection Summary

Client: O'Brien & Gere Inc of North America
Job ID: 480-199247-1
Project/Site: Discharge Analysis

Client Sample ID: RW-1 Composite — Lab Sample ID: 480-199247-13

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1,1-Trichloroethane	1.5	J	5.0	0.39	ug/L	1		624.1	Total/NA
1,1-Dichloroethane	3.1	J	5.0	0.59	ug/L	1		624.1	Total/NA
cis-1,2-Dichloroethylene	40		5.0	0.57	ug/L	1		624.1	Total/NA
Vinyl chloride	11		5.0	0.75	ug/L	1		624.1	Total/NA

Client Sample ID: RW-2 Composite — Lab Sample ID: 480-199247-14

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethylene	9.8		5.0	0.57	ug/L	1		624.1	Total/NA
Trichloroethylene	0.86	J	5.0	0.60	ug/L	1		624.1	Total/NA
Vinyl chloride	4.3	J	5.0	0.75	ug/L	1		624.1	Total/NA

Client Sample ID: RW-3 Composite — Lab Sample ID: 480-199247-15

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethylene	25		5.0	0.57	ug/L	1		624.1	Total/NA
Vinyl chloride	5.0		5.0	0.75	ug/L	1		624.1	Total/NA

This Detection Summary does not include radiochemical test results.

Client: O'Brien & Gere Inc of North America
Job ID: 480-199247-1
Project/Site: Discharge Analysis

Client Sample ID: RW-1 Composite
Lab Sample ID: 480-199247-13
Date Collected: 06/22/22 09:30
Matrix: Wastewater
Date Received: 06/22/22 16:20

Method: 624.1 - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	**1.5**	**J**	5.0	0.39	ug/L			06/23/22 17:45	1
1,1-Dichloroethane	**3.1**	**J**	5.0	0.59	ug/L			06/23/22 17:45	1
1,1-Dichloroethylene	ND		5.0	0.85	ug/L			06/23/22 17:45	1
cis-1,2-Dichloroethylene	**40**		5.0	0.57	ug/L			06/23/22 17:45	1
Tetrachloroethylene	ND		5.0	0.34	ug/L			06/23/22 17:45	1
trans-1,2-Dichloroethylene	ND		5.0	0.59	ug/L			06/23/22 17:45	1
Trichloroethylene	ND		5.0	0.60	ug/L			06/23/22 17:45	1
Vinyl chloride	**11**		5.0	0.75	ug/L			06/23/22 17:45	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*94*		*68 - 130*		*06/23/22 17:45*	*1*
4-Bromofluorobenzene (Surr)	*98*		*76 - 123*		*06/23/22 17:45*	*1*
Dibromofluoromethane (Surr)	*97*		*75 - 123*		*06/23/22 17:45*	*1*
Toluene-d8 (Surr)	*103*		*77 - 120*		*06/23/22 17:45*	*1*

Client Sample ID: RW-2 Composite
Lab Sample ID: 480-199247-14
Date Collected: 06/22/22 09:30
Matrix: Wastewater
Date Received: 06/22/22 16:20

Method: 624.1 - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.0	0.39	ug/L			06/23/22 18:09	1
1,1-Dichloroethane	ND		5.0	0.59	ug/L			06/23/22 18:09	1
1,1-Dichloroethylene	ND		5.0	0.85	ug/L			06/23/22 18:09	1
cis-1,2-Dichloroethylene	**9.8**		5.0	0.57	ug/L			06/23/22 18:09	1
Tetrachloroethylene	ND		5.0	0.34	ug/L			06/23/22 18:09	1
trans-1,2-Dichloroethylene	ND		5.0	0.59	ug/L			06/23/22 18:09	1
Trichloroethylene	**0.86**	**J**	5.0	0.60	ug/L			06/23/22 18:09	1
Vinyl chloride	**4.3**	**J**	5.0	0.75	ug/L			06/23/22 18:09	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*97*		*68 - 130*		*06/23/22 18:09*	*1*
4-Bromofluorobenzene (Surr)	*96*		*76 - 123*		*06/23/22 18:09*	*1*
Dibromofluoromethane (Surr)	*96*		*75 - 123*		*06/23/22 18:09*	*1*
Toluene-d8 (Surr)	*103*		*77 - 120*		*06/23/22 18:09*	*1*

Client Sample ID: RW-3 Composite
Lab Sample ID: 480-199247-15
Date Collected: 06/22/22 09:30
Matrix: Wastewater
Date Received: 06/22/22 16:20

Method: 624.1 - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.0	0.39	ug/L			06/23/22 18:33	1
1,1-Dichloroethane	ND		5.0	0.59	ug/L			06/23/22 18:33	1
1,1-Dichloroethylene	ND		5.0	0.85	ug/L			06/23/22 18:33	1
cis-1,2-Dichloroethylene	**25**		5.0	0.57	ug/L			06/23/22 18:33	1
Tetrachloroethylene	ND		5.0	0.34	ug/L			06/23/22 18:33	1
trans-1,2-Dichloroethylene	ND		5.0	0.59	ug/L			06/23/22 18:33	1
Trichloroethylene	ND		5.0	0.60	ug/L			06/23/22 18:33	1
Vinyl chloride	**5.0**		5.0	0.75	ug/L			06/23/22 18:33	1

Client: O'Brien & Gere Inc of North America
Job ID: 480-199247-1
Project/Site: Discharge Analysis

Client Sample ID: RW-3 Composite
Lab Sample ID: 480-199247-15
Date Collected: 06/22/22 09:30
Matrix: Wastewater
Date Received: 06/22/22 16:20

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	97		68 - 130		06/23/22 18:33	1
4-Bromofluorobenzene (Surr)	97		76 - 123		06/23/22 18:33	1
Dibromofluoromethane (Surr)	96		75 - 123		06/23/22 18:33	1
Toluene-d8 (Surr)	102		77 - 120		06/23/22 18:33	1

Surrogate Summary

Client: O'Brien & Gere Inc of North America
Project/Site: Discharge Analysis

Job ID: 480-199247-1

Method: 624.1 - Volatile Organic Compounds (GC/MS)

Matrix: Wastewater — **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)			
		DCA	BFB	DBFM	TOL
Lab Sample ID	Client Sample ID	(68-130)	(76-123)	(75-123)	(77-120)
480-199247-13	RW-1 Composite	94	98	97	103
480-199247-14	RW-2 Composite	97	96	96	103
480-199247-15	RW-3 Composite	97	97	96	102

Surrogate Legend

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

Method: 624.1 - Volatile Organic Compounds (GC/MS)

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

		Percent Surrogate Recovery (Acceptance Limits)			
		DCA	BFB	DBFM	TOL
Lab Sample ID	Client Sample ID	(68-130)	(76-123)	(75-123)	(77-120)
LCS 480-631336/6	Lab Control Sample	99	95	95	103
MB 480-631336/8	Method Blank	96	97	97	103

Surrogate Legend

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

Client: O'Brien & Gere Inc of North America
Project/Site: Discharge Analysis

Job ID: 480-199247-1

Method: 624.1 - Volatile Organic Compounds (GC/MS)

Lab Sample ID: MB 480-631336/8
Matrix: Water
Analysis Batch: 631336

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	ND		5.0	0.39	ug/L			06/23/22 16:36	1
1,1-Dichloroethane	ND		5.0	0.59	ug/L			06/23/22 16:36	1
1,1-Dichloroethylene	ND		5.0	0.85	ug/L			06/23/22 16:36	1
cis-1,2-Dichloroethylene	ND		5.0	0.57	ug/L			06/23/22 16:36	1
Tetrachloroethylene	ND		5.0	0.34	ug/L			06/23/22 16:36	1
trans-1,2-Dichloroethylene	ND		5.0	0.59	ug/L			06/23/22 16:36	1
Trichloroethylene	ND		5.0	0.60	ug/L			06/23/22 16:36	1
Vinyl chloride	ND		5.0	0.75	ug/L			06/23/22 16:36	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*96*		*68 - 130*		*06/23/22 16:36*	*1*
4-Bromofluorobenzene (Surr)	*97*		*76 - 123*		*06/23/22 16:36*	*1*
Dibromofluoromethane (Surr)	*97*		*75 - 123*		*06/23/22 16:36*	*1*
Toluene-d8 (Surr)	*103*		*77 - 120*		*06/23/22 16:36*	*1*

Lab Sample ID: LCS 480-631336/6
Matrix: Water
Analysis Batch: 631336

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	20.0	19.0		ug/L		95	52 - 162
1,1-Dichloroethane	20.0	20.5		ug/L		103	59 - 155
1,1-Dichloroethylene	20.0	19.7		ug/L		99	1 - 234
Tetrachloroethylene	20.0	19.5		ug/L		97	64 - 148
trans-1,2-Dichloroethylene	20.0	20.0		ug/L		100	54 - 156
Trichloroethylene	20.0	19.8		ug/L		99	71 - 157
Vinyl chloride	20.0	19.6		ug/L		98	1 - 251

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*99*		*68 - 130*
4-Bromofluorobenzene (Surr)	*95*		*76 - 123*
Dibromofluoromethane (Surr)	*95*		*75 - 123*
Toluene-d8 (Surr)	*103*		*77 - 120*

QC Association Summary

Client: O'Brien & Gere Inc of North America
Project/Site: Discharge Analysis

Job ID: 480-199247-1

GC/MS VOA

Analysis Batch: 631336

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-199247-13	RW-1 Composite	Total/NA	Wastewater	624.1	
480-199247-14	RW-2 Composite	Total/NA	Wastewater	624.1	
480-199247-15	RW-3 Composite	Total/NA	Wastewater	624.1	
MB 480-631336/8	Method Blank	Total/NA	Water	624.1	
LCS 480-631336/6	Lab Control Sample	Total/NA	Water	624.1	

Lab Chronicle

Client: O'Brien & Gere Inc of North America
Job ID: 480-199247-1
Project/Site: Discharge Analysis

Client Sample ID: RW-1 Composite
Lab Sample ID: 480-199247-13
Date Collected: 06/22/22 09:30
Matrix: Wastewater
Date Received: 06/22/22 16:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	624.1		1	631336	06/23/22 17:45	ATG	TAL BUF

Client Sample ID: RW-2 Composite
Lab Sample ID: 480-199247-14
Date Collected: 06/22/22 09:30
Matrix: Wastewater
Date Received: 06/22/22 16:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	624.1		1	631336	06/23/22 18:09	ATG	TAL BUF

Client Sample ID: RW-3 Composite
Lab Sample ID: 480-199247-15
Date Collected: 06/22/22 09:30
Matrix: Wastewater
Date Received: 06/22/22 16:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	624.1		1	631336	06/23/22 18:33	ATG	TAL BUF

Laboratory References:

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

Accreditation/Certification Summary

Client: O'Brien & Gere Inc of North America
Job ID: 480-199247-1
Project/Site: Discharge Analysis

Laboratory: Eurofins Buffalo

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

Authority	Program	Identification Number	Expiration Date
New York	NELAP	10026	03-31-23

Method Summary

Client: O'Brien & Gere Inc of North America
Job ID: 480-199247-1
Project/Site: Discharge Analysis

Method	Method Description	Protocol	Laboratory
624.1	Volatile Organic Compounds (GC/MS)	40CFR136A	TAL BUF

Protocol References:

40CFR136A = "Methods for Organic Chemical Analysis of Municipal Industrial Wastewater ", 40CFR, Part 136, Appendix A, October 26, 1984 and subsequent revisions.

Laboratory References:

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

Sample Summary

Client: O'Brien & Gere Inc of North America
Job ID: 480-199247-1
Project/Site: Discharge Analysis

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
480-199247-13	RW-1 Composite	Wastewater	06/22/22 09:30	06/22/22 16:20
480-199247-14	RW-2 Composite	Wastewater	06/22/22 09:30	06/22/22 16:20
480-199247-15	RW-3 Composite	Wastewater	06/22/22 09:30	06/22/22 16:20

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

Chain of Custody Record

eurofins | Environment Testing America

Client Information	Sampler: MARTin Koennecke	Lab PM: Schove, John R	Carrier Tracking No(s):	COC No: 480-174856-14318 1
Client Contact: Mr. Yuri Veliz	Phone: 315-729-1300	E-Mail: John.Schove@et.eurofinsus.com	State of Origin:	Page: Page 1 of 2
Company: O'Brien & Gere Inc of North America	PWSID:	Analysis Requested		Job #:

Address: 333 West Washington St. PO BOX 4873	Due Date Requested:	
City: East Syracuse	TAT Requested (days): STANDARD	
State, Zip: NY, 13221	Compliance Project: Δ Yes Δ No	
Phone: 315-956-6100(Tel) 315-463-7554(Fax)	PO #: 1950001093	
Email: yuri.veliz@ramboll.com	WO #:	
Project Name: Forest Glen Discharge Analysis	Project #: 48002806	
Site: New York	SSOW#:	

Preservation Codes:

A - HCL	M - Hexane
B - NaOH	N - None
C - Zn Acetate	O - AsNaO2
D - Nitric Acid	P - Na2O4S
E - NaHSO4	Q - Na2SO3
F - MeOH	R - Na2S2O3
G - Amchlor	S - H2SO4
H - Ascorbic Acid	T - TSP Dodecahydrate
I - Ice	U - Acetone
J - DI Water	V - MCAA
K - EDTA	W - pH 4-5
L - EDA	Y - Trizma
	Z - other (specify)

Other:

To Be Composited By LABS

Special Instructions/Note:

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	624.1_PREC - VOCs - Custom List	Total Number of containers
			Preservation Code:				A	
RW-1 Composite				Water				
RW-2 Composite				Water				
RW-3 Composite				Water				
RW-1 Grab#1 062122	6-21-22	10:30	G	Water			3	
RW-2 Grab#1 062122	6-21-22	10:30	G	Water			3	
RW-3 Grab#1 062122	6-21-22	10:30	G	Water			3	
RW-1 Grab#2 062122	6-21-22	15:20	G	Water			3	
RW-2 Grab#2 062122	6-21-22	15:20	G	Water			3	
RW-3 Grab#2 062122	6-21-22	15:20	G	Water			3	
RW-1 Grab#3 062222	6-22-22	7:15	G	Water			3	
RW-2 Grab#3 062222	6-22-22	7:15	G	Water			3	

480-199247 Chain of Custody

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

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

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

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:
Relinquished by: Martin Koennecke	Date/Time: 6-22-22 / 16:20	Company: USW16	Received by: [signature] Date/Time: 6/22/22 1620 Company: TA
Relinquished by:	Date/Time:	Company	Received by: Date/Time: Company
Relinquished by:	Date/Time:	Company	Received by: Date/Time: Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks: 4.9 #1 ICE

Ver: 06/08/2021

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

Chain of Custody Record

eurofins | Environment Testing America

Client Information	Sampler: MARTIN KOENNECKE	Lab PM: Schove, John R	Carrier Tracking No(s):	COC No: 480-174856-14318.2
Client Contact: Mr. Yuri Veliz	Phone: 315-729-1300	E-Mail: John.Schove@et.eurofinsus.com	State of Origin:	Page: Page 2 of 2
Company: O'Brien & Gere Inc of North America	PWSID:	Analysis Requested		Job #:

Address: 333 West Washington St. PO BOX 4873	Due Date Requested:		
City: East Syracuse	TAT Requested (days): STANDARD		
State, Zip: NY, 13221	Compliance Project: Δ Yes Δ No		
Phone: 315-956-6100(Tel) 315-463-7554(Fax)	PO #: 1950001093		
Email: yuri.veliz@ramboll.com	WO #:		
Project Name: Forest Glen Discharge Analysis	Project #: 48002806		
Site: New York	SSOW#:		

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, M - Hexane, N - None, O - AsNaO2, P - Na2O4S, Q - Na2SO3, R - Na2S2O3, S - H2SO4, T - TSP Dodecahydrate, U - Acetone, V - MCAA, W - pH 4-5, Y - Trizma, Z - other (specify)

Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	624.1_PREC - VOCs - Custom List	Total Number of containers	Special Instructions/Note:
			Preservation Code:				A		To Be Composited By LABS
RW-3 Grab#3 062222	6-22-22	7:15	G	Water			3		
RW-1 Grab#4 062222	6-22-22	9:30	G	Water			3		
RW-2 Grab#4 062222	6-22-22	9:30	G	Water			3		
RW-3 Grab#4 062222	6-22-22	9:30	G	Water			3		

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

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

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

Special Instructions/QC Requirements:

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

	Date/Time	Company	Received by	Date/Time	Company
Relinquished by: Martin Koennecke	6-22-22 / 16:20	VSW IG	Received by: PG		
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

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

Ver: 06/08/2021

6/27/2022

Login Sample Receipt Checklist

Client: O'Brien & Gere Inc of North America

Job Number: 480-199247-1

Login Number: 199247

List Source: Eurofins Buffalo

List Number: 1

Creator: Yeager, Brian A

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

RAMBØLL

ENVIRONMENT
& HEALTH

Mr. Joel Paradise
Niagara Falls Water Board
5815 Buffalo Avenue
Niagara Falls, New York 14304

November 21, 2022

Significant Industrial User (SIU) Permit No. 61 for Forest Glen Site – Quarterly Monitoring Report (Period ending November 30, 2022)

Dear Mr. Paradise:

This quarterly monitoring report for the period between September 1, 2022 and November 30, 2022 is provided for the groundwater recovery and discharge system (the "system") constructed at the Forest Glen Superfund Site in Niagara Falls, New York. The Goodyear Tire & Rubber Company (Goodyear) owns and operates the system, as agent for the Forest Glen Site Trust, under the Significant Industrial User (SIU) Permit No. 61 issued by the Niagara Falls Water Board (NFWB) on September 5, 2018.

Ramboll
333 West Washington Street
Syracuse, NY 13202
USA

T 315-956-6100
F 315-463-7554
https://ramboll.com

The groundwater recovery system comprises the following:

- Three groundwater recovery wells (RW-1, RW-2, and RW-3) located at the Forest Glen Site.
- An off-site electrical enclosure at Regulator No. 6C, on Hyde Park Avenue in Niagara Falls, housing a power disconnect switch, overflow level sensor, and remote monitoring unit (RMU).

In accordance with SIU Permit No. 61, Goodyear conducts self-monitoring of the monthly flow. The monthly flow data is provided to the NFWB in a separate report on or before the 15th day of the month following the end of the monthly reporting period. The self-monitoring also includes collection of four separate grab samples from recovery wells RW-1, RW-2, and RW-3. For the reporting period ending November 30, 2022, the four grab samples were collected between September 26 and 27, 2022. These samples were delivered to Eurofins in Amherst, NY where they were composited and analyzed for volatile organic compounds (VOCs) including vinyl chloride, 1,1-dichloroethylene, 1,2-dichloroethylene (cis and

trans), 1,1-dichloroethane, trichloroethylene, tetrachloroethylene and 1,1,1-trichloroethane using USEPA method 624. The results of the analyses are summarized in the attached Self-Monitoring Report, which presents the concentration for each well based on the composite samples. The Eurofins laboratory report is also attached.

As required by the SIU permit, the results of the self-monitoring were used to calculate daily loading to the POTW. Based on the results, there were no permit limit violations for the quarter and the loads to the POTW were below the established limits.

Per section E3c of SIU Permit No. 61, a manual check of the Regulator 6C alarm system was conducted on September 28, 2022 and found to be operational.

If you have any questions concerning this report, please do not hesitate to call me at (315) 956-6836.

Yours sincerely,

James Cavotta
SENIOR PROJECT MANAGER

D 315-956-6836
M 315-575-0729
james.cavotta@ramboll.com

cc: Stephen Stewart – NFWB
Jeffrey Dyber – NYSDEC
Jenelle Gaylord – NYSDEC
Chris Wiley - Goodyear

NIAGARA FALLS WATER BOARD
WASTEWATER FACILITIES
ENFORCEMENT DIVISION

SELF-MONITORING REPORT
SIGNIFICANT INDUSTRIAL USERS

PERMIT NO. 61 QUARTER November 30, 2022

INDUSTRY NAME: The Goodyear Tire & Rubber Company

Pursuant to federal pretreatment reporting requirements and the Niagara Falls Water Board Regulations Part 1960, Significant Industrial Users shall submit periodic self-monitoring and compliance reports. Such reports shall be submitted using this form, according to the following schedule:

Quarterly	-	1st Quarter by February 28th
	-	2nd Quarter by May 31st
	-	3rd Quarter by August 31st
	-	4th Quarter by November 30th
Semi-Annual	-	by February 28th and
	-	by August 31st

Each section of this report form shall be filled out for those parameters listed in Section "G" of the company's Wastewater Discharge Permit. The analysis results must be reported in both concentration and mass. In addition, the calculated annual average load (lbs/day) for each pollutant shall also be reported.

The samples shall be collected at the monitoring points identified in the user permit. Identification of those points in this report should be as listed on page two (2) of the User Permit.

SELF-MONITORING REPORT
Significant Industrial Users (SIUs)

PAGE 2

PART II of the report is the Compliance Monitoring section. The user is obligated to determine if the analysis results indicates compliance. All violations noted should be brought to the Niagara Falls Water Board – Wastewater Facilities attention immediately upon noting and should also be reported in this section. The analysis result should be compared against all applicable federal, state and local standards and limitations. If no violations are noted then **"NO VIOLATIONS"** should appear on the report.

Pursuant to 40 CFR Part 403.12g of the Federal Standards, all violations noted must be followed up by a sample recollect/analysis and the results submitted to the Niagara Falls Water Board within thirty (30) days of first becoming aware of the violation.

Pursuant to 40 CFR Part 403.12g all Periodic Self-Monitoring Reports must be signed by a "responsible company official" certifying the following statement:

I, certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Signed: _____

Title: Senior Manager, Global Remediation

Date: November 17, 2022

PART I

ANALYTICAL RESULTS

SIU PERMIT NAME: The Goodyear Tire & Rubber Company

SIU PERMIT NO.: 61

SAMPLE LOCATION: Forest Glen Site

	RESULTS RW-1 ug/ℓ	/ RW-2 ug/ℓ	RESULTS RW-3 ug/ℓ	Combined / lbs/day	ANNUAL AVERAGE ug/ℓ	ANNUAL AVERAGE lbs/day
DATE SAMPLED: → 9/27/22						
24-HOUR FLOW IN MGD *						0.039204
BENZENE						
CARBON TETRACHLORIDE						
CHLORODIBROMOMETHANE						
MONOCHLOROBENZENE						
DICHLOROBROMOMETHANE						
CHLOROFORM						
1,1 – DICHLOROETHYLENE	5.0 U	5.0 U	5.0 U	0	0	0
1,2 – DICHLOROETHYLENE	12	3.1 J	32	0.0037	18.249	0.005
BROMOFORM						
ETHYLBENZENE						
1,1,2,2 – TETRACHLOROETHANE						
TETRACHLOROETHYLENE	5.0 U	5.0 U	5.0 U	0	0	0
TOLUENE						
1,1,1 – TRICHLOROETHANE	0.52 J	5.0 U	5.0 U	0.0001	0.431	0.0001
1,1,2 – TRICHLOROETHANE						
TRICHLOROETHYLENE	5.0 U	5.0 U	5.0 U	0	1.166	0.0003
METHYLENE CHLORIDE						
MONOCHLOROTOLUENES						
MONOCHLOROBENZOTRIFLURIDE						
VINYL CHLORIDE	4.4 J	2.8 J	8.2	0.0014	4.415	0.001
TETRAHYDRAFURAN						
XYLENE						

PART I

ANALYTICAL RESULTS

SIU PERMIT NAME: The Goodyear Tire & Rubber Company

SIU PERMIT NO.: 61

SAMPLE LOCATION: Forest Glen Site

	RESULTS RW-1 ug/ℓ	RW-2 ug/ℓ	RESULTS RW-3 ug/ℓ	Combined lbs/day	ANNUAL AVERAGE ug/ℓ	ANNUAL AVERAGE lbs/day
DATE SAMPLED: → 9/27/22						
24-HOUR FLOW IN MGD						0.039204
DIMETHYLPHTHALATE						
BUTYL BENZYL PHTHALATE						
Di-N-BUTHY PHTHALATE						
Di-N-OCTYL PHTHALATE						
DIETHYL PHTHALATE						
NITROSODIPHENYLAMINE						
DICHLOROBENZENES						
DICHLOROTOLUENE						
ACENAPHTHENE						
FLUORANTHENE						
CHRYSENE						
NAPHTHALENE						
BENZO (a) ANTHRACENE						
PYRENE						
TRICHLOROBENZENE						
TRICHLOROTOLUENE						
HEXACHLOROBUTADIENE						
TETRACHLOROBENZENE						
HEXACHLOROCYCLOPENTADIENE						
HEXCHLOROBENZENE						
DICHLOROBENZOTRIFLUORIDE						

PART I

ANALYTICAL RESULTS

SIU PERMIT NAME: The Goodyear Tire & Rubber Company

SIU PERMIT NO.: 61

SAMPLE LOCATION: Forest Glen Site

	RESULTS RW-1 ug/ℓ	RW-2 ug/ℓ	RESULTS RW-3 ug/ℓ	Combined lbs/day	ANNUAL AVERAGE ug/ℓ	ANNUAL AVERAGE lbs/day
DATE SAMPLED: → 9/27/22						
24-HOUR FLOW IN MGD						0.039204
PHENANTHRENE						
MONOCHLOROPHENOL						
DICHLOROPHENOL						
MONOCHLOROCRESOL						
TRICHLOROPHENOL						
PENTACHLOROPHENOL						
HEXACHLOROCYCLOHEXANES						
PCB's						
ENDOSULFAN I + ENDOSULFAN II + ENDOSULFAN SULFATE						
MIREX						
DECHLORANE PLUS						
HEPTACHLOR + HEPTACHLOR EPOXIDE						

PART I

ANALYTICAL RESULTS

SIU PERMIT NAME: The Goodyear Tire & Rubber Company

SIU PERMIT NO.: 61

SAMPLE LOCATION: Forest Glen Site

	RESULTS RW-1 ug/ℓ	/ RW-2 ug/ℓ	RESULTS RW-3 ug/ℓ	/ Combined lbs/day	ANNUAL AVERAGE ug/ℓ	ANNUAL AVERAGE lbs/day
DATE SAMPLED: → 9/27/22						
24-HOUR FLOW IN MGD *						0.039204
1,2,4 – TRICHLOROBENZENE						
1,2 – DICHLOROETHANE						
1,1,1 – TRICHLOROETHANE	0.52 J	5.0 U	5.0 U	0.0001	0.431	0.0001
HEXACHLOROETHANE						
1,1 – DICHLOROETHANE	1.6 J	5.0 U	5.0 U	0.0002	1.049	0.0003
1,1,2 – TRICHLOROETHANE						
CHLOROETHANE						
1,2 – DICHLOROBENZENE						
1,3 – DICHLOROBENZENE						
1,4 – DICHLOROBENZENE						
1,1 DICHLOROETHYLENE	5.0 U	5.0 U	5.0 U	0	0	0
1,2 – TRANS-DICHLOROETHYLENE						
1,3 – DICHLOROPROPYLENE						
METHYL CHLORIDE						
NITROBENZENE						
2 – NITROPHENOL						
4 – NITROPHENOL						
4,6 DINITRO-O-CRESOL						
BIS [2 – ETHYHEXYL] PHTHALATE						
ANTHRACENE						
DIETHYL PHTHALATE						
FLUORENE						

PART I

ANALYTICAL RESULTS

SIU PERMIT NAME: The Goodyear Tire & Rubber Company

SIU PERMIT NO.: 61

SAMPLE LOCATION: Forest Glen Site

	RESULTS RW-1 ug/ℓ	RW-2 ug/ℓ	RESULTS RW-3 ug/ℓ	Combined lbs/day	ANNUAL AVERAGE ug/ℓ	ANNUAL AVERAGE lbs/day
DATE SAMPLED: → 9/27/22						
24-HOUR FLOW IN MGD *						0.039204
1,2 - DICHLOROPROPANE						
VINYL CHLORIDE	4.4 J	2.8 J	8.2	0.0014	4.415	0.001
ACENAPHTHENE						
BENZENE						
CARBON TETRACHLORIDE						
CHLOROBENZENE						
HEXACHLOROBENZENE						
CHLOROFORM						
ETHYLBENZENE						
FLUORANTHENE						
METHYLENE CHLORIDE						
HEXACHLOROBUTADIEN						
NAPHTHALENE DI – N – BUTHYL PHTHALATE						
DIMETHYL PHTHALATE						
PHENANTHRENE						
PYRENE						
TRACHLOROETHYLENE						
TOLUENE						
TRICHLOROETHYLENE	5.0 U	5.0 U	5.0 U	0	1.166	0.0003
TOTAL CYANIDE						
TOTAL LEAD						
TOTAL ZINC						

PART I

ANALYTICAL RESULTS

SIU PERMIT NAME: The Goodyear Tire & Rubber Company

SIU PERMIT NO.: 61

SAMPLE LOCATION: Forest Glen Site

	RESULTS RW-1 ug/ℓ	/ RW-2 ug/ℓ	RESULTS RW-3 ug/ℓ	/ Combined lbs/day	ANNUAL AVERAGE ug/ℓ	ANNUAL AVERAGE lbs/day
DATE SAMPLED: → 9/27/22						
24-HOUR FLOW IN MGD						0.039204
TOTAL SUSPENDED SOLIDS						
SOLUABLE ORGANIC CARBON						
TOTAL PHOSPHOROUS						
TOTAL PHENOL						
OIL and GREASE						
CADMIUM						
CHROMIUM						
COPPER						
LEAD						
MERCURY						
NICKEL						
ZINC						
ARSENIC						
BERYLLIUM						
BARIUM						
TOTAL CYANIDE						
pH (STANDARD UNITS)						
RESIDUAL CHLORINE						
TOTAL SODIUM CHLORIDE						
TOTAL AMMONIA						
DIETHYLENE GLYCOL						

PART II

COMPLIANCE MONITORING

The Goodyear Tire & Rubber Company

SIU NAME: _____

PERMIT NO.: 61 _____

NO PERMIT VIOLATIONS

VIOLATION PARAMETER	DATE	FLOW [MGD]	SAMPLE POINT LOCATION	ACTUAL* DISCHARGE	PERMIT LIMIT	TYPE** LIMIT VIOLATED

NOTE:

* - Actual discharge – list actual analytical results and appropriate units.

** - Type Limit Violated – List Type:

A.A. = Annual Average

D.M. = Daily Maximum

L.L. = Local Limits (Regulation 1960.5)

QUARTERLY SELF-MONITORING SUMMARY
GROUNDWATER RECOVERY SYSTEM EFFLUENT

FOREST GLEN SUPERFUND SITE
NIAGARA FALLS, NEW YORK

		RW-1 volume 16,500 gallons		RW-2 volume 16,500 gallons		RW-3 volume 6,204 gallons	Total volume 39,204 gallons	
Analyte	9/27/2022	Contribution to	9/27/2022	Contribution to loading	9/27/2022	Contribution to loading	Total loading to POTW	
1,1,1-trichloroethane	0.52 J	0.0001 lbs/day	5 U	0 lbs/day	5 U	0 lbs/day	0.0001 lbs/day	0.2189 ug/l
1,1-dichloroethane	1.6 J	0.0002 lbs/day	5 U	0 lbs/day	5 U	0 lbs/day	0.0002 lbs/day	0.6734 ug/l
1,1-dichloroethylene	5 U	0 lbs/day	5 U	0 lbs/day	5 U	0 lbs/day	0 lbs/day	0 ug/l
cis-1,2-dichloroethylene	12	0.0017 lbs/day	3.1 J	0.0004 lbs/day	32	0.0017 lbs/day	0.0037 lbs/day	11.4192 ug/l
tetrachloroethylene	5 U	0 lbs/day	5 U	0 lbs/day	5U	0 lbs/day	0 lbs/day	0 ug/l
trans-1,2-dichloroethylene	5 U	0 lbs/day	5 U	0 lbs/day	5 U	0 lbs/day	0 lbs/day	0 ug/l
trichloroethylene	5 U	0 lbs/day	5 U	0 lbs/day	5U	0 lbs/day	0 lbs/day	0 ug/l
vinyl chloride	4.4 J	0.0006 lbs/day	2.8 J	0.00039 lbs/day	8.2	0.0004 lbs/day	0.0014 lbs/day	4.3279 ug/l

Notes
1. Concentrations reported in units of ug/l
2. U - undetected, with detection limit identified
3. J - estimated value

	12/21/2021	3/22/2022	6/22/2022	9/27/2022	Average
Analyte	ug/l	ug/l	ug/l	ug/l	ug/l
1,1,1-trichloroethane	0.5023	0.4494	0.5543	0.2189	0.431
1,1-dichloroethane	1.2032	1.1739	1.1457	0.6734	1.049
1,1-dichloroethylene	0	0	0	0	0
cis-1,2-dichloroethylene	19.3619	18.5012	23.7145	11.4192	18.249
tetrachloroethylene	0	0	0	0	0
trans-1,2-dichloroethylene	0	0	0	0	0
trichloroethylene	1.1302	3.1455	0.3864	0.0000	1.166
vinyl chloride	3.7130	2.7179	6.9029	4.3279	4.415

Analyte	lb/day	lb/day	lb/day	lb/day	lbs/day
1,1,1-trichloroethane	0.00012	0.00013	0.00020	0.0001	0.0001
1,1-dichloroethane	0.0003	0.0003	0.0004	0.0002	0.0003
1,1-dichloroethylene	0	0	0	0	0
cis-1,2-dichloroethylene	0.0045	0.0052	0.0075	0.0037	0.005
tetrachloroethylene	0	0	0	0	0
trans-1,2-dichloroethylene	0	0	0	0	0
trichloroethylene	0.00026	0.00089	0.00010	0.00000	0.0003
vinyl chloride	0.0009	0.0008	0.0022	0.0014	0.001

eurofins | Environment Testing America

ANALYTICAL REPORT

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

Laboratory Job ID: 480-202081-1
Client Project/Site: Forest Glen Discharge Analysis
Sampling Event: Discharge Analysis

For:
O'Brien & Gere Inc of North America
333 West Washington St.
PO BOX 4873
East Syracuse, New York 13221

Attn: Mr. David J Carnevale

Authorized for release by:
9/30/2022 10:39:54 AM
Rebecca Jones, Project Management Assistant I
(716)504-9884
Rebecca.Jones@et.eurofinsus.com

Designee for

John Schove, Project Manager II
(716)504-9838
John.Schove@et.eurofinsus.com

Table of Contents

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.

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

Job ID: 480-202081-1

Laboratory: Eurofins Buffalo

Narrative

Job Narrative
480-202081-1

Comments
No additional comments.

Receipt
The samples were received on 9/27/2022 5:00 PM. Unless otherwise noted below, the samples arrived in good condition, and where required, properly preserved and on ice. The temperature of the cooler at receipt was 4.7° C.

GC/MS VOA
Method 624.1: The following Volatile samples were composited by the laboratory on 9/28/2022 as requested by the client: RW-1 Composite (480-202081-1), RW-2 Composite (480-202081-6) and RW-3 Composite (480-202081-11).
Regulatory defined guidance for in-laboratory compositing of samples, is currently not available. Laboratory sample compositing was performed using established project specifications and/or laboratory standard operating procedures.

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

Detection Summary

Client: O'Brien & Gere Inc of North America
Project/Site: Forest Glen Discharge Analysis

Job ID: 480-202081-1

Client Sample ID: RW-1 Composite — Lab Sample ID: 480-202081-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1,1-Trichloroethane	0.52	J	5.0	0.39	ug/L	1		624.1	Total/NA
1,1-Dichloroethane	1.6	J	5.0	0.59	ug/L	1		624.1	Total/NA
cis-1,2-Dichloroethylene	12		5.0	0.57	ug/L	1		624.1	Total/NA
Vinyl chloride	4.4	J	5.0	0.75	ug/L	1		624.1	Total/NA

Client Sample ID: RW-2 Composite — Lab Sample ID: 480-202081-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethylene	3.1	J	5.0	0.57	ug/L	1		624.1	Total/NA
Vinyl chloride	2.8	J	5.0	0.75	ug/L	1		624.1	Total/NA

Client Sample ID: RW-3 Composite — Lab Sample ID: 480-202081-11

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethylene	32		5.0	0.57	ug/L	1		624.1	Total/NA
Vinyl chloride	8.2		5.0	0.75	ug/L	1		624.1	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: RW-1 Composite

Date Collected: 09/27/22 00:00
Date Received: 09/27/22 17:00

Lab Sample ID: 480-202081-1
Matrix: Wastewater

Method: 624.1 - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	**0.52**	**J**	5.0	0.39	ug/L			09/28/22 15:30	1
1,1-Dichloroethane	**1.6**	**J**	5.0	0.59	ug/L			09/28/22 15:30	1
1,1-Dichloroethylene	ND		5.0	0.85	ug/L			09/28/22 15:30	1
cis-1,2-Dichloroethylene	**12**		5.0	0.57	ug/L			09/28/22 15:30	1
Tetrachloroethylene	ND		5.0	0.34	ug/L			09/28/22 15:30	1
trans-1,2-Dichloroethylene	ND		5.0	0.59	ug/L			09/28/22 15:30	1
Trichloroethylene	ND		5.0	0.60	ug/L			09/28/22 15:30	1
Vinyl chloride	**4.4**	**J**	5.0	0.75	ug/L			09/28/22 15:30	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*111*		*68 - 130*		*09/28/22 15:30*	*1*
4-Bromofluorobenzene (Surr)	*101*		*76 - 123*		*09/28/22 15:30*	*1*
Dibromofluoromethane (Surr)	*107*		*75 - 123*		*09/28/22 15:30*	*1*
Toluene-d8 (Surr)	*100*		*77 - 120*		*09/28/22 15:30*	*1*

Client Sample ID: RW-2 Composite

Date Collected: 09/27/22 00:00
Date Received: 09/27/22 17:00

Lab Sample ID: 480-202081-6
Matrix: Wastewater

Method: 624.1 - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.0	0.39	ug/L			09/28/22 15:54	1
1,1-Dichloroethane	ND		5.0	0.59	ug/L			09/28/22 15:54	1
1,1-Dichloroethylene	ND		5.0	0.85	ug/L			09/28/22 15:54	1
cis-1,2-Dichloroethylene	**3.1**	**J**	5.0	0.57	ug/L			09/28/22 15:54	1
Tetrachloroethylene	ND		5.0	0.34	ug/L			09/28/22 15:54	1
trans-1,2-Dichloroethylene	ND		5.0	0.59	ug/L			09/28/22 15:54	1
Trichloroethylene	ND		5.0	0.60	ug/L			09/28/22 15:54	1
Vinyl chloride	**2.8**	**J**	5.0	0.75	ug/L			09/28/22 15:54	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*116*		*68 - 130*		*09/28/22 15:54*	*1*
4-Bromofluorobenzene (Surr)	*103*		*76 - 123*		*09/28/22 15:54*	*1*
Dibromofluoromethane (Surr)	*107*		*75 - 123*		*09/28/22 15:54*	*1*
Toluene-d8 (Surr)	*99*		*77 - 120*		*09/28/22 15:54*	*1*

Client Sample ID: RW-3 Composite

Date Collected: 09/27/22 00:00
Date Received: 09/27/22 17:00

Lab Sample ID: 480-202081-11
Matrix: Wastewater

Method: 624.1 - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.0	0.39	ug/L			09/28/22 16:18	1
1,1-Dichloroethane	ND		5.0	0.59	ug/L			09/28/22 16:18	1
1,1-Dichloroethylene	ND		5.0	0.85	ug/L			09/28/22 16:18	1
cis-1,2-Dichloroethylene	**32**		5.0	0.57	ug/L			09/28/22 16:18	1
Tetrachloroethylene	ND		5.0	0.34	ug/L			09/28/22 16:18	1
trans-1,2-Dichloroethylene	ND		5.0	0.59	ug/L			09/28/22 16:18	1
Trichloroethylene	ND		5.0	0.60	ug/L			09/28/22 16:18	1
Vinyl chloride	**8.2**		5.0	0.75	ug/L			09/28/22 16:18	1

Client Sample ID: RW-3 Composite
Date Collected: 09/27/22 00:00
Date Received: 09/27/22 17:00

Lab Sample ID: 480-202081-11
Matrix: Wastewater

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	113		68 - 130		09/28/22 16:18	1
4-Bromofluorobenzene (Surr)	101		76 - 123		09/28/22 16:18	1
Dibromofluoromethane (Surr)	107		75 - 123		09/28/22 16:18	1
Toluene-d8 (Surr)	98		77 - 120		09/28/22 16:18	1

Surrogate Summary

Client: O'Brien & Gere Inc of North America
Project/Site: Forest Glen Discharge Analysis

Job ID: 480-202081-1

Method: 624.1 - Volatile Organic Compounds (GC/MS)

Matrix: Wastewater

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)			
		DCA	BFB	DBFM	TOL
Lab Sample ID	Client Sample ID	(68-130)	(76-123)	(75-123)	(77-120)
480-202081-1	RW-1 Composite	111	101	107	100
480-202081-6	RW-2 Composite	116	103	107	99
480-202081-11	RW-3 Composite	113	101	107	98

Surrogate Legend

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

Method: 624.1 - Volatile Organic Compounds (GC/MS)

Matrix: Water

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)			
		DCA	BFB	DBFM	TOL
Lab Sample ID	Client Sample ID	(68-130)	(76-123)	(75-123)	(77-120)
LCS 480-643058/6	Lab Control Sample	109	101	104	99
MB 480-643058/8	Method Blank	116	102	106	98

Surrogate Legend

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

Method: 624.1 - Volatile Organic Compounds (GC/MS)

Lab Sample ID: MB 480-643058/8
Matrix: Water
Analysis Batch: 643058

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	ND		5.0	0.39	ug/L			09/28/22 12:53	1
1,1-Dichloroethane	ND		5.0	0.59	ug/L			09/28/22 12:53	1
1,1-Dichloroethylene	ND		5.0	0.85	ug/L			09/28/22 12:53	1
cis-1,2-Dichloroethylene	ND		5.0	0.57	ug/L			09/28/22 12:53	1
Tetrachloroethylene	ND		5.0	0.34	ug/L			09/28/22 12:53	1
trans-1,2-Dichloroethylene	ND		5.0	0.59	ug/L			09/28/22 12:53	1
Trichloroethylene	ND		5.0	0.60	ug/L			09/28/22 12:53	1
Vinyl chloride	ND		5.0	0.75	ug/L			09/28/22 12:53	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*116*		*68 - 130*		*09/28/22 12:53*	*1*
4-Bromofluorobenzene (Surr)	*102*		*76 - 123*		*09/28/22 12:53*	*1*
Dibromofluoromethane (Surr)	*106*		*75 - 123*		*09/28/22 12:53*	*1*
Toluene-d8 (Surr)	*98*		*77 - 120*		*09/28/22 12:53*	*1*

Lab Sample ID: LCS 480-643058/6
Matrix: Water
Analysis Batch: 643058

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	20.0	20.6		ug/L		103	52 - 162
1,1-Dichloroethane	20.0	19.2		ug/L		96	59 - 155
1,1-Dichloroethylene	20.0	19.6		ug/L		98	1 - 234
Tetrachloroethylene	20.0	18.8		ug/L		94	64 - 148
trans-1,2-Dichloroethylene	20.0	19.0		ug/L		95	54 - 156
Trichloroethylene	20.0	19.7		ug/L		98	71 - 157
Vinyl chloride	20.0	20.1		ug/L		100	1 - 251

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*109*		*68 - 130*
4-Bromofluorobenzene (Surr)	*101*		*76 - 123*
Dibromofluoromethane (Surr)	*104*		*75 - 123*
Toluene-d8 (Surr)	*99*		*77 - 120*

GC/MS VOA

Analysis Batch: 643058

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-202081-1	RW-1 Composite	Total/NA	Wastewater	624.1	
480-202081-6	RW-2 Composite	Total/NA	Wastewater	624.1	
480-202081-11	RW-3 Composite	Total/NA	Wastewater	624.1	
MB 480-643058/8	Method Blank	Total/NA	Water	624.1	
LCS 480-643058/6	Lab Control Sample	Total/NA	Water	624.1	

Lab Chronicle

Client: O'Brien & Gere Inc of North America
Project/Site: Forest Glen Discharge Analysis

Job ID: 480-202081-1

Client Sample ID: RW-1 Composite

Lab Sample ID: 480-202081-1
Matrix: Wastewater

Date Collected: 09/27/22 00:00
Date Received: 09/27/22 17:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	624.1		1	643058	ATG	EET BUF	09/28/22 15:30

Client Sample ID: RW-2 Composite

Lab Sample ID: 480-202081-6
Matrix: Wastewater

Date Collected: 09/27/22 00:00
Date Received: 09/27/22 17:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	624.1		1	643058	ATG	EET BUF	09/28/22 15:54

Client Sample ID: RW-3 Composite

Lab Sample ID: 480-202081-11
Matrix: Wastewater

Date Collected: 09/27/22 00:00
Date Received: 09/27/22 17:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	624.1		1	643058	ATG	EET BUF	09/28/22 16:18

Laboratory References:

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

Accreditation/Certification Summary

Client: O'Brien & Gere Inc of North America
Project/Site: Forest Glen Discharge Analysis

Job ID: 480-202081-1

Laboratory: Eurofins Buffalo

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

Authority	Program	Identification Number	Expiration Date
New York	NELAP	10026	03-31-23

Method Summary

Client: O'Brien & Gere Inc of North America
Project/Site: Forest Glen Discharge Analysis

Job ID: 480-202081-1

Method	Method Description	Protocol	Laboratory
624.1	Volatile Organic Compounds (GC/MS)	40CFR136A	EET BUF

Protocol References:

40CFR136A = "Methods for Organic Chemical Analysis of Municipal Industrial Wastewater", 40CFR, Part 136, Appendix A, October 26, 1984 and subsequent revisions.

Laboratory References:

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

Sample Summary

Client: O'Brien & Gere Inc of North America
Project/Site: Forest Glen Discharge Analysis

Job ID: 480-202081-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
480-202081-1	RW-1 Composite	Wastewater	09/27/22 00:00	09/27/22 17:00
480-202081-6	RW-2 Composite	Wastewater	09/27/22 00:00	09/27/22 17:00
480-202081-11	RW-3 Composite	Wastewater	09/27/22 00:00	09/27/22 17:00

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

Chain of Custody Record

eurofins Environment Testing America

Client Information	Sampler: Matt Koennecke	Lab PM: Schove, John R	Carrier Tracking No(s):	COC No: 480-177623-14318.1
Client Contact: Mr. Yuri Veliz	Phone: 315 729-1300	E-Mail: John.Schove@et.eurofinsus.com	State of Origin:	Page: Page 1 of 2
Company: O'Brien & Gere Inc of North America	PWSID:	Analysis Requested		Job #
Address: 333 West Washington St. PO BOX 4873	Due Date Requested:			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, M - Hexane, N - None, O - AsNaO2, P - Na2O4S, Q - Na2SO3, R - Na2S2O3, S - H2SO4, T - TSP Dodecahydrate, U - Acetone, V - MCAA, W - pH 4-5, Y - Trizma, Z - other (specify)
City: East Syracuse	TAT Requested (days): STANDARD			
State, Zip: NY, 13221	Compliance Project: Δ Yes Δ No			Other:
Phone: 315-956-6100(Tel) 315-463-7554(Fax)	PO #: 1950001093			
Email: yuri.veliz@ramboll.com	WO #:			
Project Name: Forest Glen Discharge Analysis	Project #: 48002806			
Site: New York	SSOW#:			To Be Composited By LABS — Special Instructions/Note:

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	624.1_PREC - VOCs - Custom List	Total Number of containers
			Preservation Code:				A	
RW-1 ~~Composite~~ 092622	9-26-22	10:30	G	Water			3	3
RW-2 ~~Composite~~ 092622	9-26-22	10:30	G	Water			3	1
RW-3 ~~Composite~~ 092622	9-26-22	10:30	G	Water			3	
RW-1 ~~Grab#1~~ 0926 22	9-26-22	14:35	G	Water			3	
RW-2 ~~Grab#1~~ 0926 22	9-26-22	14:35	G	Water			3	
RW-3 ~~Grab#1~~ 0926 22	9-26-22	14:35	G	Water			3	
RW-1 ~~Grab#2~~ 092722	9-27-22	7:00	G	Water			3	
RW-2 ~~Grab#2~~ 092722	9-27-22	7:00	G	Water			3	
RW-3 ~~Grab#2~~ 092722	9-27-22	7:00	G	Water			3	
RW-1 ~~Grab#3~~ 092722	9-27-22	8:20	G	Water			3	
RW-2 ~~Grab#3~~ 092722	9-27-22	8:20	G	Water			3	

480-202081 Chain of Custody

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

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

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

Special Instructions/QC Requirements:

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

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Matt Koennecke	9-27-22 / 17:00	ISW/G		9/27/22 1700	EA
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks: 4.7 # ICE

Ver: 06/08/2021

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

Chain of Custody Record

eurofins Environment Testing America

Client Information	Sampler: Matt Koerner	Lab PM: Schove, John R	Carrier Tracking No(s):	COC No: 480-177623-14318 2
Client Contact: Mr. Yuri Veliz	Phone: 315-729-1300	E-Mail: John.Schove@et.eurofinsus.com	State of Origin:	Page: Page 2 of 2
Company: O'Brien & Gere Inc of North America	PWSID:	Analysis Requested		Job #:
Address: 333 West Washington St. PO BOX 4873	Due Date Requested:			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, M - Hexane, N - None, O - AsNaO2, P - Na2O4S, Q - Na2SO3, R - Na2S2O3, S - H2SO4, T - TSP Dodecahydrate, U - Acetone, V - MCAA, W - pH 4-5, Y - Trizma, Z - other (specify)
City: East Syracuse	TAT Requested (days): STANDARD			
State, Zip: NY, 13221	Compliance Project: Δ Yes Δ No			
Phone: 315-956-6100(Tel) 315-463-7554(Fax)	PO #: 1950001093			
Email: yuri.veliz@ramboll.com	WO #:			Other:
Project Name: Forest Glen Discharge Analysis	Project #: 48002806			To Be Composited By LABS
Site: New York	SSOW#:			Special Instructions/Note:

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	624.1_PREC - VOCs - Custom List	Total Number of containers
			Preservation Code:				A	
RW-3 ~~Grab#4~~ 092722	9-27-22	8:20	G	Water			3	3
~~RW-1 Grab#4~~				Water				
~~RW-2 Grab#4~~				Water				
~~RW-3 Grab#4~~				Water				

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

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

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

Special Instructions/QC Requirements:

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

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Matt Koerner	9-27-22 / 17:00	VSWG		9/27/22 17:00	EA
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

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

Ver: 06/08/2021

Login Sample Receipt Checklist

Client: O'Brien & Gere Inc of North America

Job Number: 480-202081-1

Login Number: 202081
List Number: 1
Creator: Sabuda, Brendan D

List Source: Eurofins Buffalo

Question	Answer	Comment
Radioactivity either was not measured or, if measured, is at or below background	True	
The cooler's custody seal, if present, is intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	4.7 #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	

APPENDIX **B**

SIU DISCHARGE PERMIT 61

NIAGARA FALLS WATER BOARD

SIGNIFICANT INDUSTRIAL USER WASTEWATER DISCHARGE PERMIT

PERMIT NO. 61

In accordance with all terms and conditions of the
Niagara Falls Water Board Wastewater Regulations Part 1960
and also with all applicable provisions of Federal and State Law or regulation:

Permission is Hereby Granted To:

**THE GOODYEAR TIRE & RUBBER COMPANY,
AS AGENT FOR THE FOREST GLEN SITE TRUST**

Located at: **Edgewood Drive – Niagara Falls, NY 14304**

Classified by SIC Number: **4953**

For the contribution of wastewater into the Niagara Falls Water Board
Publicly-Owned Treatment Works (POTW).

Effective this 1st day of October 2018
To expire this 30th day of September 2023

Signed this 5th day of September, 2018

Joel R. Paradise

For
Rolfe S. Porter
Executive Director of the Niagara Falls Water Board

DISCHARGE IDENTIFICATION

OUTFALL	DESCRIPTION	LOCATION	RECEIVING
MS #1	**#001** Manholes MH-3B & MH-3C flow to the 8" site sanitary line then on to the 12" NFWB Sanitary line	Forest Glen Subdivision Manhole MH – 3B receives ground water via RW1 and RW2. Manhole MH-3C receives ground water via RW3.	Ground Water

WASTEWATER DISCHARGE PERMIT REQUIREMENTS FOR:

A. Discharges to the Niagara Falls Water Board (NFWB) Sewer

		ACTION REQUIRED	REQUIRED DATE OF SUBMISSION
1.	Identification of all discharges to the NFWB Sewer System on a current plant sewer map certified by a New York State licensed professional engineer.	NONE	SUBMISSION RECEIVED August 15th, 2018
2.	Identification of each contributing waste stream to each discharge to the NFWB Sewer System clearly marked on, or referenced to, a current plant sewer map certified by a New York State licensed professional engineer.	NONE	SUBMISSION RECEIVED August 15th, 2018
3.	Elimination of all uncontaminated discharges to the NFWB Sewer System. All uncontaminated flows should be clearly identified on a current sewer map certified by a New York State licensed professional engineer.	NONE	SUBMISSION RECEIVED August 15th, 2018
4.	Establishment of a control manhole that is continuously and immediately accessible for each discharge to the NFWB Sewer System.	NONE	SUBMISSION RECEIVED August 15th, 2018

B. Wastewater Discharge Management Practices

1.	Identification of a responsible person(s)	NONE

C. Slug Control Plan**

Pursuant to Section 40 CFR 403.12 (v) of the Federal Pretreatment Standards the Niagara Falls Water Board will evaluate the permittee, a minimum of once every two years for the need for a "Slug Control Plan." If a plan is required by the Niagara Falls Water Board, then the plan will contain, at a minimum, the following elements:

a) Description of discharge practices, including non-routine batch discharges;
b) Description of stored chemicals;
c) Procedures for immediately notifying the POTW of slug discharges, including any discharge that would violate a prohibition under 40 CFR 403.5 (b), with procedures for follow-up written notification within five days;
d) If necessary, procedures to prevent adverse impact from accidental spills, including inspection and maintenance of storage areas, handling and transfer of materials, loading and unloading operations, control of plant site runoff, worker training, building of containment structures or equipment, measures for containing toxic organic pollutants (including solvents), and/or measures and equipment necessary for emergency response.

**This section applies to all pollutants limited by the Niagara Falls Water Board SPDES Permit and all prohibited wastewater discharges (See Section 1960.5 of the Niagara Falls Water Board Wastewater Regulations).

D. General Wastewater Discharge Permit Conditions

1. Flow monitoring should be performed concurrently with any Wastewater Discharge Permit sampling and should be reported at the same time as analytical results. If it is not feasible to perform flow monitoring, an estimate of flow (method of estimated flow preapproved by the Niagara Falls Water Board) should be submitted with the analytical results.

2. All sampling for billing and pretreatment compliance purposes will be coordinated through the Niagara Falls Water Board Industrial Monitoring Coordinator.

3. All analysis must be performed by a State certified laboratory using analytical methods promulgated and consistent with 40 CFR 136 and amendments thereto. The permittee will request their contract laboratory to report both Practical Quantitation Limit (PQL) and Method Detection Limit (MDL). The PQL and MDL are defined in the NYSDEC Technical Guidance Series 1.3.7.

   The permittee should report results that are less than the MDL or PQL on the NFWB Self Monitoring Report, as non-detect (ND), by placing a less than sign (<) followed by the analytical result. Every effort should be made to attain results down to the MDL. If this is not possible; then results less than PQL but greater than MDL must also be additionally flagged with the qualifier "J" on the Self-Monitoring Report. For example, a result less than 5 PQL would be reported <5 (J). In either case the calculated load in lbs per day would be zero.

   Monitoring results which are lower than the PQL must be reported but will not be used to determine compliance with the permit limit.

4. An estimate of relative production levels for wastewater contributing processes at the time of any pretreatment compliance sampling will be submitted upon request of the Director of Niagara Falls Water Board - Wastewater Facilities.

5. All samples will be handled in accordance with EPA approved methods. Chain of Custody records will be submitted with all sampling results.

6. All conditions, standards and numeric limitations of Niagara Falls Water Board Wastewater Regulations are hereby incorporated into this permit by reference. These conditions, standards and numeric limitations must be complied with. Failure to comply with any part of said regulations constitutes a violation and is subject to enforcement actions(s) described in Section 1960.9 of said regulations, and in the Niagara Falls Water Board Pretreatment Administrative Procedure Number Five (5) - "Enforcement Response Guide." Violators are subject to all applicable *Civil* and *Criminal* penalties. In the event of a violation, including slug discharges or spills, the Niagara Falls Water Board must be notified immediately by phone and confirmed by letter within five (5) working days.

   Any person adjudicated of violating any provision in the Niagara Falls Water Board Wastewater Regulations shall be assessed a fine in the amount of up to $10,000. This amount is available for each violation, and each day of a violation is a separate incident for which penalties may be sought. (6. Cont.)

D. General Wastewater Discharge Permit Conditions (continued)

6. *(cont.)* The person violating any of the provisions of the Niagara Falls Water Board Wastewater Regulations will be liable for any expense, loss, or damage occasioned by reason of such violation. The expense, loss or damage will be taken to be to the extent determined by the Director.

   In addition, any person who knowingly makes any false statements; representation or certification in any application, record, report, plan or other document filed or required to be maintained pursuant to the Niagara Falls Water Board Wastewater Regulations or Wastewater Discharge Permit, or who falsifies, tampers with, or knowingly renders inaccurate any monitoring device or method required under the Niagara Falls Water Board Wastewater Regulations will, upon conviction be punished by a fine up to $5,000. Furthermore, the Niagara Falls Water Board may recover reasonable attorney's fees, court costs, court reporting fees, and other expenses of litigation by appropriate suit at law against the person found to have violated applicable laws, orders, rules and permits required by the Niagara Falls Water Board Wastewater Regulations.

7. In accordance with Federal Regulation CFR 40, Part 403.12(g), any exceedance of a numeric limitation noted by the SIU must be re-sampled, analyzed and resubmitted to the Niagara Falls Water Board Wastewater - Facilities within 30 days.

   Specifically, if any limit that is *listed* in Section F of this permit is exceeded, then the permittee will undertake a short term monitoring program for that pollutant. Samples will be collected identical to those required for routine monitoring purposes and will be collected on each of at least *two (2)* operating days and analyzed. Results will be reported in both concentration and mass, and will be submitted within *30* days of becoming aware of the exceedance.

8. Sampling frequency for any permitted compounds may be increased beyond the requirements set forth in Section F and G of this permit. If the permittee monitors (sample and analysis) more frequent than required under this permit, **all** results of this monitoring must be reported.

9. As noted in Section 1960.5g of the Niagara Falls Water Board Wastewater Regulations, "Personnel as designated by the Director will be permitted at any time for reasonable cause to enter upon all properties served by the Niagara Falls Water Board - Wastewater Facilities for the purpose of, and to carry out, inspection of the premises, observation, measurement, sampling and testing, in accordance with provisions of the Regulations."

10. As noted in Section 1960.5c of the Niagara Falls Water Board Wastewater Regulations, significant changes in discharge characteristics or volume must be reported immediately to the Niagara Falls Water Board - Wastewater Facilities.

11. As noted in Section 1960.6b of the Niagara Falls Water Board Wastewater Regulations, samples required to be collected via a 24-hour composite sampler must be retained refrigerated for an additional 24 hour plus unrefrigerated an additional 48 hours (total 72 hours). (D. continued)

D. General Wastewater Discharge Permit Conditions (continued)

12. As noted in Section 1960.5d of the Niagara Falls Water Board Wastewater Regulations, all "SIU's will keep on file for a minimum of three (3) years, all records, flow charts, laboratory calculations or any other pertinent data on their discharge to the Niagara Falls Water Board - Wastewater Facilities."

13. As noted in Section 1960.6g of the Niagara Falls Water Board Wastewater Regulations, "Permits are issued to a specific user for a specific monitoring station. A permit will not be reassigned or transferred without the approval of the Director which approval will not be unreasonably withheld. Any succeeding owner or user to which a permit has been transferred and approved will also comply with all the terms and conditions of the existing permit."

14. The Annual Average Limitation is equivalent to the specific SIU allocation, and will be defined as the permissible long term average discharge of a particular pollutant. These limitations are listed in Section F of this permit. The computation of the Annual Average will be as follows; for each compound listed in Section G of this permit, the Annual Average will be the average of the present monitoring quarter and three previous quarters' data.

15. The Daily Maximum Limitation will be defined as the maximum allowable discharge on anyone day. The Daily Maximum Limitation will allow for periodic short term discharge fluctuations. These specific limitations are listed in Section F of this permit.

16. Enforcement of the Annual Average Limitation will be based on the reported average of the last four quarters data vs. the Annual Average Limited listed in Section F of this permit. Enforcement of the Daily Maximum Limitation will be based on individual analysis results vs. the Daily Maximum Limit listed in Section F of this permit. These results may be obtained from self monitoring (Section G), Niagara Falls Water Board Verification, incident investigation or billing samples.

17. The Niagara Falls Water Board Administrative Procedure Number 6 "Procedure for Determination and Use of Local Limits" lists all pollutants noted in the Niagara Falls Water Board - Wastewater Facilities SPDES Permit. The limits defined in the procedure are values which are based on the quantity of substances discharged which can be easily related to the Treatment Plant's removal capacity.

    The pollutants listed in this procedure, which are not specifically listed in Section F and G of this permit may be present in the permittee's wastewater discharge, but at levels which do not require specific permit limitations. Consequently, if any of the limits listed in this procedure, for pollutants not identified in Section F and G of this permit, are exceeded then the permittee will undertake a short-term, high intensity monitoring program for that pollutant. Samples identical to those required for routine monitoring purposes will be collected on each of at least three operating days and analyzed. Results will be expressed in terms of both concentration and mass, and will be submitted no later than the end of the third month following the month when the limit was first exceeded.
    If levels higher than the limit are confirmed, the permit may be reopened by the Niagara Falls Water Board for consideration of revised permit limits.

E. Specific Wastewater Discharge Permit Conditions

1. Billing Agreement:

a) The determination of the quantity of flow will be based on effluent meter readings obtained from MS #1. The weekly readings and total average flow will be recorded on a monthly report. This report will be sent to the NFWB due 15 days after the monitoring month.

b) "Substances of Concern" charges will be based on pollutant analysis results contained in the permittee's Quarterly Self-Monitoring Report and other appropriate data collected by the permittee.

2. Self Monitoring:

The permittee will collect and analyze samples for pollutant analysis and submit the results as directed in Sections F and G of this permit.

3. Regulator 6C:

The NFWB maintains several flow regulators throughout the collection system. The purpose of the regulators is to divert excess flow during peak storm events away from the treatment plant. The permittee's discharge passes through regulator 6C, which is one of these devices. Therefore, during storm events the potential for this wastewater to bypass the treatment plant exists. The permittee is required to conduct the following;

a) Maintain an appropriate alarm system to indicate when regulator 6C is overflowing. Such a system will trigger all discharge from the site to cease until such time overflow at regulator 6C ceases.

b) A log of all such instances will be maintained. The log will be submitted with the Quarterly Self-Monitoring Report.

c) A check of the alarm system will be conducted quarterly and recorded on the log noted in item E3b.

F. Discharge Limitations & Monitoring Requirements

During the Period beginning the effective date of this Permit and lasting until the expiration date, discharge from the permitted facility outfall(s) will be limited and monitored by the permittee as specified below.

OUTFALL NUMBER/ EFFLUENT PARAMETER	DISCHARGE LIMITATIONS		UNITS	MINIMUM MONITORING REQUIREMENTS	
	ANNUAL AVERAGE	DAILY MAXIMUM		MEASUREMENT FREQUENCY	SAMPLE TYPE
MS#1 - Flow	0.04	0.06	MGD	**Continuous	N/A
MS#1 – Vinyl Chloride	0.02	0.03	lbs/d	1/Qrt	2
MS#1 – 1,1 Dichloroethylene	0.005	0.01	lbs/d	1/Qrt	2
MS#1 - *1, 2 Dichloroethylene	0.05	0.1	lbs/d	1/Qrt	2
MS#1 – 1,1 Dichloroethane	0.005	0.01	lbs/d	1/Qrt	2
MS#1 – Trichloroethylene	0.005	0.01	lbs/d	1/Qrt	2
MS#1 – Tetrachloroethylene	0.005	0.01	lbs/d	1/Qrt	2
MS#1 – 1,1,1 Trichloroethane	0.005	0.01	lbs/d	1/Qrt	2

*total cis and trans

** The flow meter must continuously operate, however the NFWB will allow to have the integrator readings recorded once (1) per week instead of daily. This data must be submitted in the monthly flow report.

SAMPLE TYPE FOOTNOTES

(1) Each sample will consist of four (4) grabs collected spaced throughout the **batch** discharge, such that they are representative of the effluent being discharged pursuant to 40CFR 403.12.b5iii. The four (4) grabs will be **composited in the laboratory** and analyzed as one sample.

(2) Each sample will consist of four (4) grabs collected spaced over the 24-hour period, such that they are representative of the effluent being discharged pursuant to 40CFR 403.12.b5iii. The four (4) grabs will be **composited in the laboratory** and analyzed as one sample.

(3) Each sample will consist of a 24-hour, **flow proportioned** composite sample collected from the monitoring point.

(4) Flow will be monitored continuously with the use of a water meter or another acceptable flow metering device.

(5) Each sample will consist of a 24-hour, **time proportioned** composite sample collected from the monitoring point.

(6) Reserved

(7) Same as (3), however, five (5) samples will be collected per quarter from the monitoring point and analyzed by and at the Niagara Falls Water Board's expense.

(8) Four (4) grab samples will be collected spaced over the 24-hour period, such that they are representative of the effluent being discharged pursuant to 40CFR 403.12.b5iii. Each grab will be **analyzed and reported separately**.

(9) A grab sample is defined as an aliquot collected over a period of not more than 15 minutes.

G. Discharge Monitoring Reporting Requirements

During the period beginning the effective date of this permit and lasting until its expiration date, discharge monitoring results will be summarized and reported by the permittee; Monthly - 14 days after monitoring period, **Quarterly - by the last day of the monitoring period = February 28, May 31, August 31, November 30.** Semiannual reports will be submitted on the last day of the monitoring period = February 28, August 31. The annual average for each parameter listed in Section F, will be computed and reported quarterly. The individual sample analysis for present quarter will also be reported quarterly unless directed otherwise in this permit.

OUTFALL NO	PARAMETER	REPORTING FREQUENCY
MS#1	Flow	Monthly
MS#1	Regulator 6c data, Inspections	Quarterly
MS#1	Vinyl Chloride	Quarterly
MS#1	1,1 – Dichloroethylene	Quarterly
MS#1	1,2 – Dichloroethylene	Quarterly
MS#1	1,1 - Dichloroethane	Quarterly
MS#1	Trichloroethylene	Quarterly
MS#1	Tetrachloroethylene	Quarterly
MS#1	1,1,1 – Trichloroethane	Quarterly

Quarterly reports submitted by SIU #61 are due by the last day of the monitoring period as follows: **1st Qt.**- February 28, **2nd Qt.** - May 31, **3rd Qt.** - August 31 and **4th Qt.** - November 30.

H. Comments/Revisions

APPENDIX **C**

GROUNDWATER LABORATORY REPORTS

eurofins | Environment Testing America

ANALYTICAL REPORT

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

Laboratory Job ID: 480-196001-1
Client Project/Site: Forest Glen Monitoring

For:
O'Brien & Gere Inc of North America
333 West Washington St.
PO BOX 4873
East Syracuse, New York 13221

Attn: Mr. David J Carnevale

Authorized for release by:
3/31/2022 12:05:18 PM
Rebecca Jones, Project Management Assistant I
Rebecca.Jones@Eurofinset.com

Designee for

John Schove, Project Manager II
(716)504-9838
John.Schove@Eurofinset.com

Table of Contents

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.

General Chemistry

Qualifier	Qualifier Description
4	MS, MSD: The analyte present in the original sample is greater than 4 times the matrix spike concentration; therefore, control limits are not applicable.
F1	MS and/or MSD recovery exceeds control limits.
H	Sample was prepped or analyzed beyond the specified holding time

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

Job ID: 480-196001-1

Laboratory: Eurofins Buffalo

Narrative

Job Narrative
480-196001-1

Comments
No additional comments.

Receipt
The samples were received on 3/23/2022 8:00 AM. Unless otherwise noted below, the samples arrived in good condition, and where required, properly preserved and on ice. The temperatures of the 2 coolers at receipt time were 2.2º C and 3.6º C.

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

HPLC/IC
Method 300.0: The following samples were diluted to bring the concentration of target analytes within the calibration range: MW1S 032122 (480-196001-1), MW1D 032122 (480-196001-2), MW55 032222 (480-196001-3), MW5D 032222 (480-196001-4), MW6S 032222 (480-196001-5), MW6D 032222 (480-196001-6), MW6DD 032222 (480-196001-7), MW4D 032222 (480-196001-8) and MW4S 032222 (480-196001-9). Elevated reporting limits (RLs) are provided.

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

General Chemistry
Method 353.2: The following sample(s) was received with minimum amount of time remaining on the test. As such, the laboratory had insufficient time remaining to perform the analysis within holding time: MW1S 032122 (480-196001-1) and MW1D 032122 (480-196001-2).

Method 353.2: The following sample(s) was received with minimum amount of time remaining on the test. As such, the laboratory had insufficient time remaining to perform the analysis within holding time: MW1S 032122 (480-196001-1) and MW1D 032122 (480-196001-2).

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

Detection Summary

Client: O'Brien & Gere Inc of North America
Project/Site: Forest Glen Monitoring

Job ID: 480-196001-1

Client Sample ID: MW1S 032122 — Lab Sample ID: 480-196001-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	1190		5.0	2.8	mg/L	10		300.0	Total/NA
Sulfate	244		20.0	3.5	mg/L	10		300.0	Total/NA
Alkalinity, Bicarbonate	351		50.0	20.0	mg/L	5		310.2_ASP	Total/NA
Dissolved Organic Carbon - Duplicate	5.0		1.0	0.43	mg/L	1		SM 5310C	Dissolved

Client Sample ID: MW1D 032122 — Lab Sample ID: 480-196001-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methyl tert-butyl ether	0.26	J	1.0	0.16	ug/L	1		8260C	Total/NA
Chloride	493		5.0	2.8	mg/L	10		300.0	Total/NA
Sulfate	205		20.0	3.5	mg/L	10		300.0	Total/NA
Alkalinity, Bicarbonate	371		50.0	20.0	mg/L	5		310.2_ASP	Total/NA
Dissolved Organic Carbon - Duplicate	4.8		1.0	0.43	mg/L	1		SM 5310C	Dissolved

Client Sample ID: MW55 032222 — Lab Sample ID: 480-196001-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	2.7		1.0	0.38	ug/L	1		8260C	Total/NA
cis-1,2-Dichloroethene	3.2		1.0	0.81	ug/L	1		8260C	Total/NA
Trichloroethene	1.0		1.0	0.46	ug/L	1		8260C	Total/NA
Chloride	15.4		1.0	0.56	mg/L	2		300.0	Total/NA
Sulfate	196		4.0	0.70	mg/L	2		300.0	Total/NA
Alkalinity, Bicarbonate	203		50.0	20.0	mg/L	5		310.2_ASP	Total/NA
Nitrate as N	0.090		0.050	0.020	mg/L	1		353.2	Total/NA
Dissolved Organic Carbon - Duplicate	3.6		1.0	0.43	mg/L	1		SM 5310C	Dissolved

Client Sample ID: MW5D 032222 — Lab Sample ID: 480-196001-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	0.41	J	1.0	0.38	ug/L	1		8260C	Total/NA
Methyl tert-butyl ether	0.43	J	1.0	0.16	ug/L	1		8260C	Total/NA
Chloride	203		2.5	1.4	mg/L	5		300.0	Total/NA
Sulfate	195		10.0	1.7	mg/L	5		300.0	Total/NA
Alkalinity, Bicarbonate	339		50.0	20.0	mg/L	5		310.2_ASP	Total/NA
Dissolved Organic Carbon - Duplicate	4.2		1.0	0.43	mg/L	1		SM 5310C	Dissolved

Client Sample ID: MW6S 032222 — Lab Sample ID: 480-196001-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	33		1.0	0.81	ug/L	1		8260C	Total/NA
Vinyl chloride	56		1.0	0.90	ug/L	1		8260C	Total/NA
Chloride	38.7		2.5	1.4	mg/L	5		300.0	Total/NA
Sulfate	228		10.0	1.7	mg/L	5		300.0	Total/NA
Alkalinity, Bicarbonate	410		50.0	20.0	mg/L	5		310.2_ASP	Total/NA
Dissolved Organic Carbon - Duplicate	4.5		1.0	0.43	mg/L	1		SM 5310C	Dissolved

Client Sample ID: MW6D 032222 — Lab Sample ID: 480-196001-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	0.39	J	1.0	0.38	ug/L	1		8260C	Total/NA
Chloride	185		2.5	1.4	mg/L	5		300.0	Total/NA
Sulfate	254		10.0	1.7	mg/L	5		300.0	Total/NA
Alkalinity, Bicarbonate	338		50.0	20.0	mg/L	5		310.2_ASP	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins Buffalo

Client Sample ID: MW6D 032222 (Continued) — Lab Sample ID: 480-196001-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Dissolved Organic Carbon - Duplicate	4.7		1.0	0.43	mg/L	1		SM 5310C	Dissolved

Client Sample ID: MW6DD 032222 — Lab Sample ID: 480-196001-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	11		1.0	0.81	ug/L	1		8260C	Total/NA
Chloride	147		2.5	1.4	mg/L	5		300.0	Total/NA
Sulfate	164		10.0	1.7	mg/L	5		300.0	Total/NA
Alkalinity, Bicarbonate	270		50.0	20.0	mg/L	5		310.2_ASP	Total/NA
Nitrate as N	0.11		0.050	0.020	mg/L	1		353.2	Total/NA
Dissolved Organic Carbon - Duplicate	5.2		1.0	0.43	mg/L	1		SM 5310C	Dissolved

Client Sample ID: MW4D 032222 — Lab Sample ID: 480-196001-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	283		2.5	1.4	mg/L	5		300.0	Total/NA
Sulfate	318		10.0	1.7	mg/L	5		300.0	Total/NA
Alkalinity, Bicarbonate	342	F1	50.0	20.0	mg/L	5		310.2_ASP	Total/NA
Sulfide	1.2		1.0	0.67	mg/L	1		SM 4500 S2 F	Total/NA
Dissolved Organic Carbon - Duplicate	4.1		1.0	0.43	mg/L	1		SM 5310C	Dissolved

Client Sample ID: MW4S 032222 — Lab Sample ID: 480-196001-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	69.9		2.5	1.4	mg/L	5		300.0	Total/NA
Sulfate	487		10.0	1.7	mg/L	5		300.0	Total/NA
Alkalinity, Bicarbonate	402		50.0	20.0	mg/L	5		310.2_ASP	Total/NA
Nitrate as N	0.063		0.050	0.020	mg/L	1		353.2	Total/NA
Dissolved Organic Carbon - Duplicate	4.7		1.0	0.43	mg/L	1		SM 5310C	Dissolved

Client Sample ID: TRIP BLANK — Lab Sample ID: 480-196001-12

No Detections.

This Detection Summary does not include radiochemical test results.

Client: O'Brien & Gere Inc of North America
Project/Site: Forest Glen Monitoring

Job ID: 480-196001-1

Client Sample ID: MW1S 032122
Date Collected: 03/21/22 14:52
Date Received: 03/23/22 08:00

Lab Sample ID: 480-196001-1
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	ND		1.0	0.82	ug/L			03/23/22 12:48	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			03/23/22 12:48	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			03/23/22 12:48	1
1,1,2-Trichlorotrifluoroethane	ND		1.0	0.31	ug/L			03/23/22 12:48	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			03/23/22 12:48	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			03/23/22 12:48	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			03/23/22 12:48	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			03/23/22 12:48	1
1,2-Dibromoethane (EDB)	ND		1.0	0.73	ug/L			03/23/22 12:48	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			03/23/22 12:48	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			03/23/22 12:48	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			03/23/22 12:48	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			03/23/22 12:48	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			03/23/22 12:48	1
2-Hexanone	ND		5.0	1.2	ug/L			03/23/22 12:48	1
2-Butanone (MEK)	ND		10	1.3	ug/L			03/23/22 12:48	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			03/23/22 12:48	1
Acetone	ND		10	3.0	ug/L			03/23/22 12:48	1
Benzene	ND		1.0	0.41	ug/L			03/23/22 12:48	1
Bromodichloromethane	ND		1.0	0.39	ug/L			03/23/22 12:48	1
Bromoform	ND		1.0	0.26	ug/L			03/23/22 12:48	1
Bromomethane	ND		1.0	0.69	ug/L			03/23/22 12:48	1
Carbon disulfide	ND		1.0	0.19	ug/L			03/23/22 12:48	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			03/23/22 12:48	1
Chlorobenzene	ND		1.0	0.75	ug/L			03/23/22 12:48	1
Chlorodibromomethane	ND		1.0	0.32	ug/L			03/23/22 12:48	1
Chloroethane	ND		1.0	0.32	ug/L			03/23/22 12:48	1
Chloroform	ND		1.0	0.34	ug/L			03/23/22 12:48	1
Chloromethane	ND		1.0	0.35	ug/L			03/23/22 12:48	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			03/23/22 12:48	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			03/23/22 12:48	1
Cyclohexane	ND		1.0	0.18	ug/L			03/23/22 12:48	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			03/23/22 12:48	1
Ethylbenzene	ND		1.0	0.74	ug/L			03/23/22 12:48	1
Isopropylbenzene	ND		1.0	0.79	ug/L			03/23/22 12:48	1
Methyl acetate	ND		1.3	1.3	ug/L			03/23/22 12:48	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			03/23/22 12:48	1
Methylcyclohexane	ND		1.0	0.16	ug/L			03/23/22 12:48	1
Methylene Chloride	ND		1.0	0.44	ug/L			03/23/22 12:48	1
Styrene	ND		1.0	0.73	ug/L			03/23/22 12:48	1
Tetrachloroethene	ND		1.0	0.36	ug/L			03/23/22 12:48	1
Toluene	ND		1.0	0.51	ug/L			03/23/22 12:48	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			03/23/22 12:48	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			03/23/22 12:48	1
Trichloroethene	ND		1.0	0.46	ug/L			03/23/22 12:48	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			03/23/22 12:48	1
Vinyl chloride	ND		1.0	0.90	ug/L			03/23/22 12:48	1
Xylenes, Total	ND		2.0	0.66	ug/L			03/23/22 12:48	1

Client: O'Brien & Gere Inc of North America
Job ID: 480-196001-1
Project/Site: Forest Glen Monitoring

Client Sample ID: MW1S 032122
Lab Sample ID: 480-196001-1
Date Collected: 03/21/22 14:52
Matrix: Water
Date Received: 03/23/22 08:00

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	*101*		*77 - 120*		*03/23/22 12:48*	*1*
Toluene-d8 (Surr)	*99*		*80 - 120*		*03/23/22 12:48*	*1*
4-Bromofluorobenzene (Surr)	*103*		*73 - 120*		*03/23/22 12:48*	*1*
Dibromofluoromethane (Surr)	*98*		*75 - 123*		*03/23/22 12:48*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**1190**		5.0	2.8	mg/L			03/30/22 02:47	10
Sulfate	**244**		20.0	3.5	mg/L			03/30/22 02:47	10
Alkalinity, Bicarbonate	**351**		50.0	20.0	mg/L			03/29/22 15:08	5
Nitrate as N	ND	H	0.050	0.020	mg/L			03/23/22 16:36	1
Nitrite as N	ND	H	0.050	0.020	mg/L			03/23/22 16:36	1
Sulfide	ND		1.0	0.67	mg/L			03/25/22 14:55	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dissolved Organic Carbon - Duplicate	**5.0**		1.0	0.43	mg/L			03/24/22 08:02	1

Client: O'Brien & Gere Inc of North America
Project/Site: Forest Glen Monitoring

Job ID: 480-196001-1

Client Sample ID: MW1D 032122
Date Collected: 03/21/22 14:55
Date Received: 03/23/22 08:00

Lab Sample ID: 480-196001-2
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	ND		1.0	0.82	ug/L			03/23/22 13:11	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			03/23/22 13:11	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			03/23/22 13:11	1
1,1,2-Trichlorotrifluoroethane	ND		1.0	0.31	ug/L			03/23/22 13:11	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			03/23/22 13:11	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			03/23/22 13:11	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			03/23/22 13:11	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			03/23/22 13:11	1
1,2-Dibromoethane (EDB)	ND		1.0	0.73	ug/L			03/23/22 13:11	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			03/23/22 13:11	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			03/23/22 13:11	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			03/23/22 13:11	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			03/23/22 13:11	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			03/23/22 13:11	1
2-Hexanone	ND		5.0	1.2	ug/L			03/23/22 13:11	1
2-Butanone (MEK)	ND		10	1.3	ug/L			03/23/22 13:11	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			03/23/22 13:11	1
Acetone	ND		10	3.0	ug/L			03/23/22 13:11	1
Benzene	ND		1.0	0.41	ug/L			03/23/22 13:11	1
Bromodichloromethane	ND		1.0	0.39	ug/L			03/23/22 13:11	1
Bromoform	ND		1.0	0.26	ug/L			03/23/22 13:11	1
Bromomethane	ND		1.0	0.69	ug/L			03/23/22 13:11	1
Carbon disulfide	ND		1.0	0.19	ug/L			03/23/22 13:11	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			03/23/22 13:11	1
Chlorobenzene	ND		1.0	0.75	ug/L			03/23/22 13:11	1
Chlorodibromomethane	ND		1.0	0.32	ug/L			03/23/22 13:11	1
Chloroethane	ND		1.0	0.32	ug/L			03/23/22 13:11	1
Chloroform	ND		1.0	0.34	ug/L			03/23/22 13:11	1
Chloromethane	ND		1.0	0.35	ug/L			03/23/22 13:11	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			03/23/22 13:11	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			03/23/22 13:11	1
Cyclohexane	ND		1.0	0.18	ug/L			03/23/22 13:11	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			03/23/22 13:11	1
Ethylbenzene	ND		1.0	0.74	ug/L			03/23/22 13:11	1
Isopropylbenzene	ND		1.0	0.79	ug/L			03/23/22 13:11	1
Methyl acetate	ND		1.3	1.3	ug/L			03/23/22 13:11	1
Methyl tert-butyl ether	**0.26**	**J**	1.0	0.16	ug/L			03/23/22 13:11	1
Methylcyclohexane	ND		1.0	0.16	ug/L			03/23/22 13:11	1
Methylene Chloride	ND		1.0	0.44	ug/L			03/23/22 13:11	1
Styrene	ND		1.0	0.73	ug/L			03/23/22 13:11	1
Tetrachloroethene	ND		1.0	0.36	ug/L			03/23/22 13:11	1
Toluene	ND		1.0	0.51	ug/L			03/23/22 13:11	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			03/23/22 13:11	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			03/23/22 13:11	1
Trichloroethene	ND		1.0	0.46	ug/L			03/23/22 13:11	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			03/23/22 13:11	1
Vinyl chloride	ND		1.0	0.90	ug/L			03/23/22 13:11	1
Xylenes, Total	ND		2.0	0.66	ug/L			03/23/22 13:11	1

Client: O'Brien & Gere Inc of North America
Job ID: 480-196001-1
Project/Site: Forest Glen Monitoring

Client Sample ID: MW1D 032122
Lab Sample ID: 480-196001-2
Date Collected: 03/21/22 14:55
Matrix: Water
Date Received: 03/23/22 08:00

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*101*		*77 - 120*		*03/23/22 13:11*	*1*
Toluene-d8 (Surr)	*98*		*80 - 120*		*03/23/22 13:11*	*1*
4-Bromofluorobenzene (Surr)	*100*		*73 - 120*		*03/23/22 13:11*	*1*
Dibromofluoromethane (Surr)	*100*		*75 - 123*		*03/23/22 13:11*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**493**		5.0	2.8	mg/L			03/30/22 03:02	10
Sulfate	**205**		20.0	3.5	mg/L			03/30/22 03:02	10
Alkalinity, Bicarbonate	**371**		50.0	20.0	mg/L			03/29/22 15:09	5
Nitrate as N	ND	H	0.050	0.020	mg/L			03/23/22 16:50	1
Nitrite as N	ND	H	0.050	0.020	mg/L			03/23/22 16:50	1
Sulfide	ND		1.0	0.67	mg/L			03/25/22 14:55	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dissolved Organic Carbon - Duplicate	**4.8**		1.0	0.43	mg/L			03/24/22 08:30	1

Client: O'Brien & Gere Inc of North America
Project/Site: Forest Glen Monitoring

Job ID: 480-196001-1

Client Sample ID: MW55 032222
Date Collected: 03/22/22 10:55
Date Received: 03/23/22 08:00

Lab Sample ID: 480-196001-3
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	ND		1.0	0.82	ug/L			03/23/22 13:33	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			03/23/22 13:33	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			03/23/22 13:33	1
1,1,2-Trichlorotrifluoroethane	ND		1.0	0.31	ug/L			03/23/22 13:33	1
1,1-Dichloroethane	**2.7**		1.0	0.38	ug/L			03/23/22 13:33	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			03/23/22 13:33	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			03/23/22 13:33	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			03/23/22 13:33	1
1,2-Dibromoethane (EDB)	ND		1.0	0.73	ug/L			03/23/22 13:33	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			03/23/22 13:33	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			03/23/22 13:33	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			03/23/22 13:33	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			03/23/22 13:33	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			03/23/22 13:33	1
2-Hexanone	ND		5.0	1.2	ug/L			03/23/22 13:33	1
2-Butanone (MEK)	ND		10	1.3	ug/L			03/23/22 13:33	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			03/23/22 13:33	1
Acetone	ND		10	3.0	ug/L			03/23/22 13:33	1
Benzene	ND		1.0	0.41	ug/L			03/23/22 13:33	1
Bromodichloromethane	ND		1.0	0.39	ug/L			03/23/22 13:33	1
Bromoform	ND		1.0	0.26	ug/L			03/23/22 13:33	1
Bromomethane	ND		1.0	0.69	ug/L			03/23/22 13:33	1
Carbon disulfide	ND		1.0	0.19	ug/L			03/23/22 13:33	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			03/23/22 13:33	1
Chlorobenzene	ND		1.0	0.75	ug/L			03/23/22 13:33	1
Chlorodibromomethane	ND		1.0	0.32	ug/L			03/23/22 13:33	1
Chloroethane	ND		1.0	0.32	ug/L			03/23/22 13:33	1
Chloroform	ND		1.0	0.34	ug/L			03/23/22 13:33	1
Chloromethane	ND		1.0	0.35	ug/L			03/23/22 13:33	1
cis-1,2-Dichloroethene	**3.2**		1.0	0.81	ug/L			03/23/22 13:33	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			03/23/22 13:33	1
Cyclohexane	ND		1.0	0.18	ug/L			03/23/22 13:33	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			03/23/22 13:33	1
Ethylbenzene	ND		1.0	0.74	ug/L			03/23/22 13:33	1
Isopropylbenzene	ND		1.0	0.79	ug/L			03/23/22 13:33	1
Methyl acetate	ND		1.3	1.3	ug/L			03/23/22 13:33	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			03/23/22 13:33	1
Methylcyclohexane	ND		1.0	0.16	ug/L			03/23/22 13:33	1
Methylene Chloride	ND		1.0	0.44	ug/L			03/23/22 13:33	1
Styrene	ND		1.0	0.73	ug/L			03/23/22 13:33	1
Tetrachloroethene	ND		1.0	0.36	ug/L			03/23/22 13:33	1
Toluene	ND		1.0	0.51	ug/L			03/23/22 13:33	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			03/23/22 13:33	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			03/23/22 13:33	1
Trichloroethene	**1.0**		1.0	0.46	ug/L			03/23/22 13:33	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			03/23/22 13:33	1
Vinyl chloride	ND		1.0	0.90	ug/L			03/23/22 13:33	1
Xylenes, Total	ND		2.0	0.66	ug/L			03/23/22 13:33	1

Client: O'Brien & Gere Inc of North America
Project/Site: Forest Glen Monitoring

Job ID: 480-196001-1

Client Sample ID: MW55 032222

Date Collected: 03/22/22 10:55
Date Received: 03/23/22 08:00

Lab Sample ID: 480-196001-3

Matrix: Water

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*98*		*77 - 120*		*03/23/22 13:33*	*1*
Toluene-d8 (Surr)	*96*		*80 - 120*		*03/23/22 13:33*	*1*
4-Bromofluorobenzene (Surr)	*97*		*73 - 120*		*03/23/22 13:33*	*1*
Dibromofluoromethane (Surr)	*97*		*75 - 123*		*03/23/22 13:33*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**15.4**		1.0	0.56	mg/L			03/30/22 03:16	2
Sulfate	**196**		4.0	0.70	mg/L			03/30/22 03:16	2
Alkalinity, Bicarbonate	**203**		50.0	20.0	mg/L			03/29/22 15:09	5
Nitrate as N	**0.090**		0.050	0.020	mg/L			03/23/22 18:23	1
Nitrite as N	ND		0.050	0.020	mg/L			03/23/22 20:06	1
Sulfide	ND		1.0	0.67	mg/L			03/25/22 14:55	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dissolved Organic Carbon - Duplicate	**3.6**		1.0	0.43	mg/L			03/24/22 08:58	1

Client: O'Brien & Gere Inc of North America
Project/Site: Forest Glen Monitoring

Job ID: 480-196001-1

Client Sample ID: MW5D 032222
Date Collected: 03/22/22 09:15
Date Received: 03/23/22 08:00

Lab Sample ID: 480-196001-4
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	ND		1.0	0.82	ug/L			03/23/22 13:56	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			03/23/22 13:56	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			03/23/22 13:56	1
1,1,2-Trichlorotrifluoroethane	ND		1.0	0.31	ug/L			03/23/22 13:56	1
1,1-Dichloroethane	**0.41**	**J**	1.0	0.38	ug/L			03/23/22 13:56	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			03/23/22 13:56	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			03/23/22 13:56	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			03/23/22 13:56	1
1,2-Dibromoethane (EDB)	ND		1.0	0.73	ug/L			03/23/22 13:56	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			03/23/22 13:56	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			03/23/22 13:56	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			03/23/22 13:56	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			03/23/22 13:56	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			03/23/22 13:56	1
2-Hexanone	ND		5.0	1.2	ug/L			03/23/22 13:56	1
2-Butanone (MEK)	ND		10	1.3	ug/L			03/23/22 13:56	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			03/23/22 13:56	1
Acetone	ND		10	3.0	ug/L			03/23/22 13:56	1
Benzene	ND		1.0	0.41	ug/L			03/23/22 13:56	1
Bromodichloromethane	ND		1.0	0.39	ug/L			03/23/22 13:56	1
Bromoform	ND		1.0	0.26	ug/L			03/23/22 13:56	1
Bromomethane	ND		1.0	0.69	ug/L			03/23/22 13:56	1
Carbon disulfide	ND		1.0	0.19	ug/L			03/23/22 13:56	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			03/23/22 13:56	1
Chlorobenzene	ND		1.0	0.75	ug/L			03/23/22 13:56	1
Chlorodibromomethane	ND		1.0	0.32	ug/L			03/23/22 13:56	1
Chloroethane	ND		1.0	0.32	ug/L			03/23/22 13:56	1
Chloroform	ND		1.0	0.34	ug/L			03/23/22 13:56	1
Chloromethane	ND		1.0	0.35	ug/L			03/23/22 13:56	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			03/23/22 13:56	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			03/23/22 13:56	1
Cyclohexane	ND		1.0	0.18	ug/L			03/23/22 13:56	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			03/23/22 13:56	1
Ethylbenzene	ND		1.0	0.74	ug/L			03/23/22 13:56	1
Isopropylbenzene	ND		1.0	0.79	ug/L			03/23/22 13:56	1
Methyl acetate	ND		1.3	1.3	ug/L			03/23/22 13:56	1
Methyl tert-butyl ether	**0.43**	**J**	1.0	0.16	ug/L			03/23/22 13:56	1
Methylcyclohexane	ND		1.0	0.16	ug/L			03/23/22 13:56	1
Methylene Chloride	ND		1.0	0.44	ug/L			03/23/22 13:56	1
Styrene	ND		1.0	0.73	ug/L			03/23/22 13:56	1
Tetrachloroethene	ND		1.0	0.36	ug/L			03/23/22 13:56	1
Toluene	ND		1.0	0.51	ug/L			03/23/22 13:56	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			03/23/22 13:56	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			03/23/22 13:56	1
Trichloroethene	ND		1.0	0.46	ug/L			03/23/22 13:56	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			03/23/22 13:56	1
Vinyl chloride	ND		1.0	0.90	ug/L			03/23/22 13:56	1
Xylenes, Total	ND		2.0	0.66	ug/L			03/23/22 13:56	1

Client: O'Brien & Gere Inc of North America
Project/Site: Forest Glen Monitoring

Job ID: 480-196001-1

Client Sample ID: MW5D 032222

Date Collected: 03/22/22 09:15
Date Received: 03/23/22 08:00

Lab Sample ID: 480-196001-4

Matrix: Water

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*93*		*77 - 120*		*03/23/22 13:56*	*1*
Toluene-d8 (Surr)	*93*		*80 - 120*		*03/23/22 13:56*	*1*
4-Bromofluorobenzene (Surr)	*91*		*73 - 120*		*03/23/22 13:56*	*1*
Dibromofluoromethane (Surr)	*92*		*75 - 123*		*03/23/22 13:56*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**203**		2.5	1.4	mg/L			03/30/22 03:30	5
Sulfate	**195**		10.0	1.7	mg/L			03/30/22 03:30	5
Alkalinity, Bicarbonate	**339**		50.0	20.0	mg/L			03/29/22 15:10	5
Nitrate as N	ND		0.050	0.020	mg/L			03/23/22 17:28	1
Nitrite as N	ND		0.050	0.020	mg/L			03/23/22 17:28	1
Sulfide	ND		1.0	0.67	mg/L			03/25/22 14:55	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dissolved Organic Carbon - Duplicate	**4.2**		1.0	0.43	mg/L			03/24/22 09:26	1

Client: O'Brien & Gere Inc of North America
Project/Site: Forest Glen Monitoring

Job ID: 480-196001-1

Client Sample ID: MW6S 032222
Date Collected: 03/22/22 10:40
Date Received: 03/23/22 08:00

Lab Sample ID: 480-196001-5
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	ND		1.0	0.82	ug/L			03/23/22 14:19	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			03/23/22 14:19	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			03/23/22 14:19	1
1,1,2-Trichlorotrifluoroethane	ND		1.0	0.31	ug/L			03/23/22 14:19	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			03/23/22 14:19	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			03/23/22 14:19	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			03/23/22 14:19	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			03/23/22 14:19	1
1,2-Dibromoethane (EDB)	ND		1.0	0.73	ug/L			03/23/22 14:19	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			03/23/22 14:19	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			03/23/22 14:19	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			03/23/22 14:19	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			03/23/22 14:19	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			03/23/22 14:19	1
2-Hexanone	ND		5.0	1.2	ug/L			03/23/22 14:19	1
2-Butanone (MEK)	ND		10	1.3	ug/L			03/23/22 14:19	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			03/23/22 14:19	1
Acetone	ND		10	3.0	ug/L			03/23/22 14:19	1
Benzene	ND		1.0	0.41	ug/L			03/23/22 14:19	1
Bromodichloromethane	ND		1.0	0.39	ug/L			03/23/22 14:19	1
Bromoform	ND		1.0	0.26	ug/L			03/23/22 14:19	1
Bromomethane	ND		1.0	0.69	ug/L			03/23/22 14:19	1
Carbon disulfide	ND		1.0	0.19	ug/L			03/23/22 14:19	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			03/23/22 14:19	1
Chlorobenzene	ND		1.0	0.75	ug/L			03/23/22 14:19	1
Chlorodibromomethane	ND		1.0	0.32	ug/L			03/23/22 14:19	1
Chloroethane	ND		1.0	0.32	ug/L			03/23/22 14:19	1
Chloroform	ND		1.0	0.34	ug/L			03/23/22 14:19	1
Chloromethane	ND		1.0	0.35	ug/L			03/23/22 14:19	1
cis-1,2-Dichloroethene	**33**		1.0	0.81	ug/L			03/23/22 14:19	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			03/23/22 14:19	1
Cyclohexane	ND		1.0	0.18	ug/L			03/23/22 14:19	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			03/23/22 14:19	1
Ethylbenzene	ND		1.0	0.74	ug/L			03/23/22 14:19	1
Isopropylbenzene	ND		1.0	0.79	ug/L			03/23/22 14:19	1
Methyl acetate	ND		1.3	1.3	ug/L			03/23/22 14:19	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			03/23/22 14:19	1
Methylcyclohexane	ND		1.0	0.16	ug/L			03/23/22 14:19	1
Methylene Chloride	ND		1.0	0.44	ug/L			03/23/22 14:19	1
Styrene	ND		1.0	0.73	ug/L			03/23/22 14:19	1
Tetrachloroethene	ND		1.0	0.36	ug/L			03/23/22 14:19	1
Toluene	ND		1.0	0.51	ug/L			03/23/22 14:19	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			03/23/22 14:19	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			03/23/22 14:19	1
Trichloroethene	ND		1.0	0.46	ug/L			03/23/22 14:19	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			03/23/22 14:19	1
Vinyl chloride	**56**		1.0	0.90	ug/L			03/23/22 14:19	1
Xylenes, Total	ND		2.0	0.66	ug/L			03/23/22 14:19	1

Client: O'Brien & Gere Inc of North America
Project/Site: Forest Glen Monitoring

Job ID: 480-196001-1

Client Sample ID: MW6S 032222

Date Collected: 03/22/22 10:40
Date Received: 03/23/22 08:00

Lab Sample ID: 480-196001-5

Matrix: Water

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*99*		*77 - 120*		*03/23/22 14:19*	*1*
Toluene-d8 (Surr)	*97*		*80 - 120*		*03/23/22 14:19*	*1*
4-Bromofluorobenzene (Surr)	*98*		*73 - 120*		*03/23/22 14:19*	*1*
Dibromofluoromethane (Surr)	*100*		*75 - 123*		*03/23/22 14:19*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**38.7**		2.5	1.4	mg/L			03/30/22 03:44	5
Sulfate	**228**		10.0	1.7	mg/L			03/30/22 03:44	5
Alkalinity, Bicarbonate	**410**		50.0	20.0	mg/L			03/29/22 15:13	5
Nitrate as N	ND		0.050	0.020	mg/L			03/23/22 16:40	1
Nitrite as N	ND		0.050	0.020	mg/L			03/23/22 16:40	1
Sulfide	ND		1.0	0.67	mg/L			03/25/22 14:55	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dissolved Organic Carbon - Duplicate	**4.5**		1.0	0.43	mg/L			03/24/22 09:53	1

Client: O'Brien & Gere Inc of North America
Project/Site: Forest Glen Monitoring

Job ID: 480-196001-1

Client Sample ID: MW6D 032222
Date Collected: 03/22/22 12:00
Date Received: 03/23/22 08:00

Lab Sample ID: 480-196001-6
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	ND		1.0	0.82	ug/L			03/23/22 14:42	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			03/23/22 14:42	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			03/23/22 14:42	1
1,1,2-Trichlorotrifluoroethane	ND		1.0	0.31	ug/L			03/23/22 14:42	1
1,1-Dichloroethane	**0.39**	**J**	1.0	0.38	ug/L			03/23/22 14:42	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			03/23/22 14:42	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			03/23/22 14:42	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			03/23/22 14:42	1
1,2-Dibromoethane (EDB)	ND		1.0	0.73	ug/L			03/23/22 14:42	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			03/23/22 14:42	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			03/23/22 14:42	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			03/23/22 14:42	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			03/23/22 14:42	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			03/23/22 14:42	1
2-Hexanone	ND		5.0	1.2	ug/L			03/23/22 14:42	1
2-Butanone (MEK)	ND		10	1.3	ug/L			03/23/22 14:42	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			03/23/22 14:42	1
Acetone	ND		10	3.0	ug/L			03/23/22 14:42	1
Benzene	ND		1.0	0.41	ug/L			03/23/22 14:42	1
Bromodichloromethane	ND		1.0	0.39	ug/L			03/23/22 14:42	1
Bromoform	ND		1.0	0.26	ug/L			03/23/22 14:42	1
Bromomethane	ND		1.0	0.69	ug/L			03/23/22 14:42	1
Carbon disulfide	ND		1.0	0.19	ug/L			03/23/22 14:42	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			03/23/22 14:42	1
Chlorobenzene	ND		1.0	0.75	ug/L			03/23/22 14:42	1
Chlorodibromomethane	ND		1.0	0.32	ug/L			03/23/22 14:42	1
Chloroethane	ND		1.0	0.32	ug/L			03/23/22 14:42	1
Chloroform	ND		1.0	0.34	ug/L			03/23/22 14:42	1
Chloromethane	ND		1.0	0.35	ug/L			03/23/22 14:42	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			03/23/22 14:42	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			03/23/22 14:42	1
Cyclohexane	ND		1.0	0.18	ug/L			03/23/22 14:42	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			03/23/22 14:42	1
Ethylbenzene	ND		1.0	0.74	ug/L			03/23/22 14:42	1
Isopropylbenzene	ND		1.0	0.79	ug/L			03/23/22 14:42	1
Methyl acetate	ND		1.3	1.3	ug/L			03/23/22 14:42	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			03/23/22 14:42	1
Methylcyclohexane	ND		1.0	0.16	ug/L			03/23/22 14:42	1
Methylene Chloride	ND		1.0	0.44	ug/L			03/23/22 14:42	1
Styrene	ND		1.0	0.73	ug/L			03/23/22 14:42	1
Tetrachloroethene	ND		1.0	0.36	ug/L			03/23/22 14:42	1
Toluene	ND		1.0	0.51	ug/L			03/23/22 14:42	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			03/23/22 14:42	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			03/23/22 14:42	1
Trichloroethene	ND		1.0	0.46	ug/L			03/23/22 14:42	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			03/23/22 14:42	1
Vinyl chloride	ND		1.0	0.90	ug/L			03/23/22 14:42	1
Xylenes, Total	ND		2.0	0.66	ug/L			03/23/22 14:42	1

Client: O'Brien & Gere Inc of North America
Job ID: 480-196001-1
Project/Site: Forest Glen Monitoring

Client Sample ID: MW6D 032222
Lab Sample ID: 480-196001-6

Date Collected: 03/22/22 12:00
Matrix: Water

Date Received: 03/23/22 08:00

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*96*		*77 - 120*		*03/23/22 14:42*	*1*
Toluene-d8 (Surr)	*97*		*80 - 120*		*03/23/22 14:42*	*1*
4-Bromofluorobenzene (Surr)	*99*		*73 - 120*		*03/23/22 14:42*	*1*
Dibromofluoromethane (Surr)	*99*		*75 - 123*		*03/23/22 14:42*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**185**		2.5	1.4	mg/L			03/30/22 03:58	5
Sulfate	**254**		10.0	1.7	mg/L			03/30/22 03:58	5
Alkalinity, Bicarbonate	**338**		50.0	20.0	mg/L			03/29/22 15:14	5
Nitrate as N	ND		0.050	0.020	mg/L			03/23/22 16:42	1
Nitrite as N	ND		0.050	0.020	mg/L			03/23/22 16:42	1
Sulfide	ND		1.0	0.67	mg/L			03/25/22 14:55	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dissolved Organic Carbon - Duplicate	**4.7**		1.0	0.43	mg/L			03/24/22 11:45	1

Client: O'Brien & Gere Inc of North America
Project/Site: Forest Glen Monitoring

Job ID: 480-196001-1

Client Sample ID: MW6DD 032222
Date Collected: 03/22/22 09:10
Date Received: 03/23/22 08:00

Lab Sample ID: 480-196001-7
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	ND		1.0	0.82	ug/L			03/23/22 15:05	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			03/23/22 15:05	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			03/23/22 15:05	1
1,1,2-Trichlorotrifluoroethane	ND		1.0	0.31	ug/L			03/23/22 15:05	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			03/23/22 15:05	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			03/23/22 15:05	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			03/23/22 15:05	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			03/23/22 15:05	1
1,2-Dibromoethane (EDB)	ND		1.0	0.73	ug/L			03/23/22 15:05	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			03/23/22 15:05	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			03/23/22 15:05	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			03/23/22 15:05	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			03/23/22 15:05	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			03/23/22 15:05	1
2-Hexanone	ND		5.0	1.2	ug/L			03/23/22 15:05	1
2-Butanone (MEK)	ND		10	1.3	ug/L			03/23/22 15:05	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			03/23/22 15:05	1
Acetone	ND		10	3.0	ug/L			03/23/22 15:05	1
Benzene	ND		1.0	0.41	ug/L			03/23/22 15:05	1
Bromodichloromethane	ND		1.0	0.39	ug/L			03/23/22 15:05	1
Bromoform	ND		1.0	0.26	ug/L			03/23/22 15:05	1
Bromomethane	ND		1.0	0.69	ug/L			03/23/22 15:05	1
Carbon disulfide	ND		1.0	0.19	ug/L			03/23/22 15:05	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			03/23/22 15:05	1
Chlorobenzene	ND		1.0	0.75	ug/L			03/23/22 15:05	1
Chlorodibromomethane	ND		1.0	0.32	ug/L			03/23/22 15:05	1
Chloroethane	ND		1.0	0.32	ug/L			03/23/22 15:05	1
Chloroform	ND		1.0	0.34	ug/L			03/23/22 15:05	1
Chloromethane	ND		1.0	0.35	ug/L			03/23/22 15:05	1
cis-1,2-Dichloroethene	**11**		1.0	0.81	ug/L			03/23/22 15:05	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			03/23/22 15:05	1
Cyclohexane	ND		1.0	0.18	ug/L			03/23/22 15:05	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			03/23/22 15:05	1
Ethylbenzene	ND		1.0	0.74	ug/L			03/23/22 15:05	1
Isopropylbenzene	ND		1.0	0.79	ug/L			03/23/22 15:05	1
Methyl acetate	ND		1.3	1.3	ug/L			03/23/22 15:05	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			03/23/22 15:05	1
Methylcyclohexane	ND		1.0	0.16	ug/L			03/23/22 15:05	1
Methylene Chloride	ND		1.0	0.44	ug/L			03/23/22 15:05	1
Styrene	ND		1.0	0.73	ug/L			03/23/22 15:05	1
Tetrachloroethene	ND		1.0	0.36	ug/L			03/23/22 15:05	1
Toluene	ND		1.0	0.51	ug/L			03/23/22 15:05	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			03/23/22 15:05	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			03/23/22 15:05	1
Trichloroethene	ND		1.0	0.46	ug/L			03/23/22 15:05	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			03/23/22 15:05	1
Vinyl chloride	ND		1.0	0.90	ug/L			03/23/22 15:05	1
Xylenes, Total	ND		2.0	0.66	ug/L			03/23/22 15:05	1

Client: O'Brien & Gere Inc of North America
Job ID: 480-196001-1
Project/Site: Forest Glen Monitoring

Client Sample ID: MW6DD 032222
Lab Sample ID: 480-196001-7
Date Collected: 03/22/22 09:10
Matrix: Water
Date Received: 03/23/22 08:00

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*100*		*77 - 120*		*03/23/22 15:05*	*1*
Toluene-d8 (Surr)	*101*		*80 - 120*		*03/23/22 15:05*	*1*
4-Bromofluorobenzene (Surr)	*101*		*73 - 120*		*03/23/22 15:05*	*1*
Dibromofluoromethane (Surr)	*99*		*75 - 123*		*03/23/22 15:05*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**147**		2.5	1.4	mg/L			03/30/22 04:12	5
Sulfate	**164**		10.0	1.7	mg/L			03/30/22 04:12	5
Alkalinity, Bicarbonate	**270**		50.0	20.0	mg/L			03/29/22 15:14	5
Nitrate as N	**0.11**		0.050	0.020	mg/L			03/23/22 16:43	1
Nitrite as N	ND		0.050	0.020	mg/L			03/23/22 20:08	1
Sulfide	ND		1.0	0.67	mg/L			03/25/22 14:55	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dissolved Organic Carbon - Duplicate	**5.2**		1.0	0.43	mg/L			03/24/22 12:40	1

Client: O'Brien & Gere Inc of North America
Job ID: 480-196001-1
Project/Site: Forest Glen Monitoring

Client Sample ID: MW4D 032222
Lab Sample ID: 480-196001-8
Date Collected: 03/22/22 13:20
Matrix: Water
Date Received: 03/23/22 08:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			03/23/22 15:27	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			03/23/22 15:27	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			03/23/22 15:27	1
1,1,2-Trichlorotrifluoroethane	ND		1.0	0.31	ug/L			03/23/22 15:27	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			03/23/22 15:27	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			03/23/22 15:27	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			03/23/22 15:27	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			03/23/22 15:27	1
1,2-Dibromoethane (EDB)	ND		1.0	0.73	ug/L			03/23/22 15:27	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			03/23/22 15:27	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			03/23/22 15:27	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			03/23/22 15:27	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			03/23/22 15:27	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			03/23/22 15:27	1
2-Hexanone	ND		5.0	1.2	ug/L			03/23/22 15:27	1
2-Butanone (MEK)	ND		10	1.3	ug/L			03/23/22 15:27	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			03/23/22 15:27	1
Acetone	ND		10	3.0	ug/L			03/23/22 15:27	1
Benzene	ND		1.0	0.41	ug/L			03/23/22 15:27	1
Bromodichloromethane	ND		1.0	0.39	ug/L			03/23/22 15:27	1
Bromoform	ND		1.0	0.26	ug/L			03/23/22 15:27	1
Bromomethane	ND		1.0	0.69	ug/L			03/23/22 15:27	1
Carbon disulfide	ND		1.0	0.19	ug/L			03/23/22 15:27	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			03/23/22 15:27	1
Chlorobenzene	ND		1.0	0.75	ug/L			03/23/22 15:27	1
Chlorodibromomethane	ND		1.0	0.32	ug/L			03/23/22 15:27	1
Chloroethane	ND		1.0	0.32	ug/L			03/23/22 15:27	1
Chloroform	ND		1.0	0.34	ug/L			03/23/22 15:27	1
Chloromethane	ND		1.0	0.35	ug/L			03/23/22 15:27	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			03/23/22 15:27	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			03/23/22 15:27	1
Cyclohexane	ND		1.0	0.18	ug/L			03/23/22 15:27	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			03/23/22 15:27	1
Ethylbenzene	ND		1.0	0.74	ug/L			03/23/22 15:27	1
Isopropylbenzene	ND		1.0	0.79	ug/L			03/23/22 15:27	1
Methyl acetate	ND		1.3	1.3	ug/L			03/23/22 15:27	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			03/23/22 15:27	1
Methylcyclohexane	ND		1.0	0.16	ug/L			03/23/22 15:27	1
Methylene Chloride	ND		1.0	0.44	ug/L			03/23/22 15:27	1
Styrene	ND		1.0	0.73	ug/L			03/23/22 15:27	1
Tetrachloroethene	ND		1.0	0.36	ug/L			03/23/22 15:27	1
Toluene	ND		1.0	0.51	ug/L			03/23/22 15:27	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			03/23/22 15:27	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			03/23/22 15:27	1
Trichloroethene	ND		1.0	0.46	ug/L			03/23/22 15:27	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			03/23/22 15:27	1
Vinyl chloride	ND		1.0	0.90	ug/L			03/23/22 15:27	1
Xylenes, Total	ND		2.0	0.66	ug/L			03/23/22 15:27	1

Client: O'Brien & Gere Inc of North America
Project/Site: Forest Glen Monitoring

Job ID: 480-196001-1

Client Sample ID: MW4D 032222

Date Collected: 03/22/22 13:20
Date Received: 03/23/22 08:00

Lab Sample ID: 480-196001-8

Matrix: Water

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*99*		*77 - 120*		*03/23/22 15:27*	*1*
Toluene-d8 (Surr)	*99*		*80 - 120*		*03/23/22 15:27*	*1*
4-Bromofluorobenzene (Surr)	*98*		*73 - 120*		*03/23/22 15:27*	*1*
Dibromofluoromethane (Surr)	*98*		*75 - 123*		*03/23/22 15:27*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**283**		2.5	1.4	mg/L			03/30/22 01:37	5
Sulfate	**318**		10.0	1.7	mg/L			03/30/22 01:37	5
Alkalinity, Bicarbonate	**342**	**F1**	50.0	20.0	mg/L			03/29/22 15:15	5
Nitrate as N	ND		0.050	0.020	mg/L			03/23/22 18:19	1
Nitrite as N	ND		0.050	0.020	mg/L			03/23/22 20:02	1
Sulfide	**1.2**		1.0	0.67	mg/L			03/25/22 14:55	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dissolved Organic Carbon - Duplicate	**4.1**		1.0	0.43	mg/L			03/24/22 07:34	1

Client: O'Brien & Gere Inc of North America
Job ID: 480-196001-1
Project/Site: Forest Glen Monitoring

Client Sample ID: MW4S 032222
Lab Sample ID: 480-196001-9
Date Collected: 03/22/22 15:00
Matrix: Water
Date Received: 03/23/22 08:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			03/23/22 15:49	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			03/23/22 15:49	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			03/23/22 15:49	1
1,1,2-Trichlorotrifluoroethane	ND		1.0	0.31	ug/L			03/23/22 15:49	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			03/23/22 15:49	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			03/23/22 15:49	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			03/23/22 15:49	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			03/23/22 15:49	1
1,2-Dibromoethane (EDB)	ND		1.0	0.73	ug/L			03/23/22 15:49	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			03/23/22 15:49	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			03/23/22 15:49	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			03/23/22 15:49	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			03/23/22 15:49	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			03/23/22 15:49	1
2-Hexanone	ND		5.0	1.2	ug/L			03/23/22 15:49	1
2-Butanone (MEK)	ND		10	1.3	ug/L			03/23/22 15:49	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			03/23/22 15:49	1
Acetone	ND		10	3.0	ug/L			03/23/22 15:49	1
Benzene	ND		1.0	0.41	ug/L			03/23/22 15:49	1
Bromodichloromethane	ND		1.0	0.39	ug/L			03/23/22 15:49	1
Bromoform	ND		1.0	0.26	ug/L			03/23/22 15:49	1
Bromomethane	ND		1.0	0.69	ug/L			03/23/22 15:49	1
Carbon disulfide	ND		1.0	0.19	ug/L			03/23/22 15:49	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			03/23/22 15:49	1
Chlorobenzene	ND		1.0	0.75	ug/L			03/23/22 15:49	1
Chlorodibromomethane	ND		1.0	0.32	ug/L			03/23/22 15:49	1
Chloroethane	ND		1.0	0.32	ug/L			03/23/22 15:49	1
Chloroform	ND		1.0	0.34	ug/L			03/23/22 15:49	1
Chloromethane	ND		1.0	0.35	ug/L			03/23/22 15:49	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			03/23/22 15:49	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			03/23/22 15:49	1
Cyclohexane	ND		1.0	0.18	ug/L			03/23/22 15:49	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			03/23/22 15:49	1
Ethylbenzene	ND		1.0	0.74	ug/L			03/23/22 15:49	1
Isopropylbenzene	ND		1.0	0.79	ug/L			03/23/22 15:49	1
Methyl acetate	ND		1.3	1.3	ug/L			03/23/22 15:49	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			03/23/22 15:49	1
Methylcyclohexane	ND		1.0	0.16	ug/L			03/23/22 15:49	1
Methylene Chloride	ND		1.0	0.44	ug/L			03/23/22 15:49	1
Styrene	ND		1.0	0.73	ug/L			03/23/22 15:49	1
Tetrachloroethene	ND		1.0	0.36	ug/L			03/23/22 15:49	1
Toluene	ND		1.0	0.51	ug/L			03/23/22 15:49	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			03/23/22 15:49	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			03/23/22 15:49	1
Trichloroethene	ND		1.0	0.46	ug/L			03/23/22 15:49	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			03/23/22 15:49	1
Vinyl chloride	ND		1.0	0.90	ug/L			03/23/22 15:49	1
Xylenes, Total	ND		2.0	0.66	ug/L			03/23/22 15:49	1

Client: O'Brien & Gere Inc of North America
Job ID: 480-196001-1
Project/Site: Forest Glen Monitoring

Client Sample ID: MW4S 032222
Lab Sample ID: 480-196001-9

Date Collected: 03/22/22 15:00
Matrix: Water

Date Received: 03/23/22 08:00

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*100*		*77 - 120*		*03/23/22 15:49*	*1*
Toluene-d8 (Surr)	*98*		*80 - 120*		*03/23/22 15:49*	*1*
4-Bromofluorobenzene (Surr)	*101*		*73 - 120*		*03/23/22 15:49*	*1*
Dibromofluoromethane (Surr)	*98*		*75 - 123*		*03/23/22 15:49*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**69.9**		2.5	1.4	mg/L			03/30/22 04:26	5
Sulfate	**487**		10.0	1.7	mg/L			03/30/22 04:26	5
Alkalinity, Bicarbonate	**402**		50.0	20.0	mg/L			03/29/22 15:15	5
Nitrate as N	**0.063**		0.050	0.020	mg/L			03/23/22 16:44	1
Nitrite as N	ND		0.050	0.020	mg/L			03/23/22 20:09	1
Sulfide	ND		1.0	0.67	mg/L			03/25/22 14:55	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dissolved Organic Carbon - Duplicate	**4.7**		1.0	0.43	mg/L			03/24/22 13:08	1

Client: O'Brien & Gere Inc of North America
Project/Site: Forest Glen Monitoring

Job ID: 480-196001-1

Client Sample ID: TRIP BLANK
Date Collected: 03/22/22 00:00
Date Received: 03/23/22 08:00

Lab Sample ID: 480-196001-12
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	ND		1.0	0.82	ug/L			03/23/22 16:13	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			03/23/22 16:13	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			03/23/22 16:13	1
1,1,2-Trichlorotrifluoroethane	ND		1.0	0.31	ug/L			03/23/22 16:13	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			03/23/22 16:13	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			03/23/22 16:13	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			03/23/22 16:13	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			03/23/22 16:13	1
1,2-Dibromoethane (EDB)	ND		1.0	0.73	ug/L			03/23/22 16:13	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			03/23/22 16:13	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			03/23/22 16:13	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			03/23/22 16:13	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			03/23/22 16:13	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			03/23/22 16:13	1
2-Hexanone	ND		5.0	1.2	ug/L			03/23/22 16:13	1
2-Butanone (MEK)	ND		10	1.3	ug/L			03/23/22 16:13	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			03/23/22 16:13	1
Acetone	ND		10	3.0	ug/L			03/23/22 16:13	1
Benzene	ND		1.0	0.41	ug/L			03/23/22 16:13	1
Bromodichloromethane	ND		1.0	0.39	ug/L			03/23/22 16:13	1
Bromoform	ND		1.0	0.26	ug/L			03/23/22 16:13	1
Bromomethane	ND		1.0	0.69	ug/L			03/23/22 16:13	1
Carbon disulfide	ND		1.0	0.19	ug/L			03/23/22 16:13	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			03/23/22 16:13	1
Chlorobenzene	ND		1.0	0.75	ug/L			03/23/22 16:13	1
Chlorodibromomethane	ND		1.0	0.32	ug/L			03/23/22 16:13	1
Chloroethane	ND		1.0	0.32	ug/L			03/23/22 16:13	1
Chloroform	ND		1.0	0.34	ug/L			03/23/22 16:13	1
Chloromethane	ND		1.0	0.35	ug/L			03/23/22 16:13	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			03/23/22 16:13	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			03/23/22 16:13	1
Cyclohexane	ND		1.0	0.18	ug/L			03/23/22 16:13	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			03/23/22 16:13	1
Ethylbenzene	ND		1.0	0.74	ug/L			03/23/22 16:13	1
Isopropylbenzene	ND		1.0	0.79	ug/L			03/23/22 16:13	1
Methyl acetate	ND		1.3	1.3	ug/L			03/23/22 16:13	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			03/23/22 16:13	1
Methylcyclohexane	ND		1.0	0.16	ug/L			03/23/22 16:13	1
Methylene Chloride	ND		1.0	0.44	ug/L			03/23/22 16:13	1
Styrene	ND		1.0	0.73	ug/L			03/23/22 16:13	1
Tetrachloroethene	ND		1.0	0.36	ug/L			03/23/22 16:13	1
Toluene	ND		1.0	0.51	ug/L			03/23/22 16:13	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			03/23/22 16:13	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			03/23/22 16:13	1
Trichloroethene	ND		1.0	0.46	ug/L			03/23/22 16:13	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			03/23/22 16:13	1
Vinyl chloride	ND		1.0	0.90	ug/L			03/23/22 16:13	1
Xylenes, Total	ND		2.0	0.66	ug/L			03/23/22 16:13	1

Client: O'Brien & Gere Inc of North America
Project/Site: Forest Glen Monitoring

Job ID: 480-196001-1

Client Sample ID: TRIP BLANK
Date Collected: 03/22/22 00:00
Date Received: 03/23/22 08:00

Lab Sample ID: 480-196001-12
Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	99		77 - 120		03/23/22 16:13	1
Toluene-d8 (Surr)	98		80 - 120		03/23/22 16:13	1
4-Bromofluorobenzene (Surr)	99		73 - 120		03/23/22 16:13	1
Dibromofluoromethane (Surr)	98		75 - 123		03/23/22 16:13	1

Surrogate Summary

Client: O'Brien & Gere Inc of North America
Project/Site: Forest Glen Monitoring

Job ID: 480-196001-1

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

Matrix: Water

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)			
		DCA	TOL	BFB	DBFM
Lab Sample ID	Client Sample ID	(77-120)	(80-120)	(73-120)	(75-123)
480-196001-1	MW1S 032122	101	99	103	98
480-196001-2	MW1D 032122	101	98	100	100
480-196001-3	MW55 032222	98	96	97	97
480-196001-4	MW5D 032222	93	93	91	92
480-196001-5	MW6S 032222	99	97	98	100
480-196001-6	MW6D 032222	96	97	99	99
480-196001-7	MW6DD 032222	100	101	101	99
480-196001-8	MW4D 032222	99	99	98	98
480-196001-8 MS	MW4D MS 032222	95	102	103	96
480-196001-8 MSD	MW4D MSD 032222	95	100	100	96
480-196001-9	MW4S 032222	100	98	101	98
480-196001-12	TRIP BLANK	99	98	99	98
LCS 480-618735/5	Lab Control Sample	98	100	99	98
MB 480-618735/7	Method Blank	97	98	102	98

Surrogate Legend

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

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

Lab Sample ID: MB 480-618735/7
Matrix: Water
Analysis Batch: 618735

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	ND		1.0	0.82	ug/L			03/23/22 10:33	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			03/23/22 10:33	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			03/23/22 10:33	1
1,1,2-Trichlorotrifluoroethane	ND		1.0	0.31	ug/L			03/23/22 10:33	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			03/23/22 10:33	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			03/23/22 10:33	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			03/23/22 10:33	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			03/23/22 10:33	1
1,2-Dibromoethane (EDB)	ND		1.0	0.73	ug/L			03/23/22 10:33	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			03/23/22 10:33	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			03/23/22 10:33	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			03/23/22 10:33	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			03/23/22 10:33	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			03/23/22 10:33	1
2-Hexanone	ND		5.0	1.2	ug/L			03/23/22 10:33	1
2-Butanone (MEK)	ND		10	1.3	ug/L			03/23/22 10:33	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			03/23/22 10:33	1
Acetone	ND		10	3.0	ug/L			03/23/22 10:33	1
Benzene	ND		1.0	0.41	ug/L			03/23/22 10:33	1
Bromodichloromethane	ND		1.0	0.39	ug/L			03/23/22 10:33	1
Bromoform	ND		1.0	0.26	ug/L			03/23/22 10:33	1
Bromomethane	ND		1.0	0.69	ug/L			03/23/22 10:33	1
Carbon disulfide	ND		1.0	0.19	ug/L			03/23/22 10:33	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			03/23/22 10:33	1
Chlorobenzene	ND		1.0	0.75	ug/L			03/23/22 10:33	1
Chlorodibromomethane	ND		1.0	0.32	ug/L			03/23/22 10:33	1
Chloroethane	ND		1.0	0.32	ug/L			03/23/22 10:33	1
Chloroform	ND		1.0	0.34	ug/L			03/23/22 10:33	1
Chloromethane	ND		1.0	0.35	ug/L			03/23/22 10:33	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			03/23/22 10:33	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			03/23/22 10:33	1
Cyclohexane	ND		1.0	0.18	ug/L			03/23/22 10:33	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			03/23/22 10:33	1
Ethylbenzene	ND		1.0	0.74	ug/L			03/23/22 10:33	1
Isopropylbenzene	ND		1.0	0.79	ug/L			03/23/22 10:33	1
Methyl acetate	ND		1.3	1.3	ug/L			03/23/22 10:33	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			03/23/22 10:33	1
Methylcyclohexane	ND		1.0	0.16	ug/L			03/23/22 10:33	1
Methylene Chloride	ND		1.0	0.44	ug/L			03/23/22 10:33	1
Styrene	ND		1.0	0.73	ug/L			03/23/22 10:33	1
Tetrachloroethene	ND		1.0	0.36	ug/L			03/23/22 10:33	1
Toluene	ND		1.0	0.51	ug/L			03/23/22 10:33	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			03/23/22 10:33	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			03/23/22 10:33	1
Trichloroethene	ND		1.0	0.46	ug/L			03/23/22 10:33	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			03/23/22 10:33	1
Vinyl chloride	ND		1.0	0.90	ug/L			03/23/22 10:33	1
Xylenes, Total	ND		2.0	0.66	ug/L			03/23/22 10:33	1

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

Lab Sample ID: MB 480-618735/7
Matrix: Water
Analysis Batch: 618735

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

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	*97*		*77 - 120*		*03/23/22 10:33*	*1*
Toluene-d8 (Surr)	*98*		*80 - 120*		*03/23/22 10:33*	*1*
4-Bromofluorobenzene (Surr)	*102*		*73 - 120*		*03/23/22 10:33*	*1*
Dibromofluoromethane (Surr)	*98*		*75 - 123*		*03/23/22 10:33*	*1*

Lab Sample ID: LCS 480-618735/5
Matrix: Water
Analysis Batch: 618735

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1-Trichloroethane	25.0	23.3		ug/L		93	73 - 126
1,1,2,2-Tetrachloroethane	25.0	26.2		ug/L		105	76 - 120
1,1,2-Trichloroethane	25.0	25.8		ug/L		103	76 - 122
1,1,2-Trichlorotrifluoroethane	25.0	17.4		ug/L		69	61 - 148
1,1-Dichloroethane	25.0	24.1		ug/L		96	77 - 120
1,1-Dichloroethene	25.0	19.4		ug/L		78	66 - 127
1,2,4-Trichlorobenzene	25.0	26.1		ug/L		104	79 - 122
1,2-Dibromo-3-Chloropropane	25.0	28.4		ug/L		114	56 - 134
1,2-Dibromoethane (EDB)	25.0	25.8		ug/L		103	77 - 120
1,2-Dichlorobenzene	25.0	24.7		ug/L		99	80 - 124
1,2-Dichloroethane	25.0	23.9		ug/L		95	75 - 120
1,2-Dichloropropane	25.0	25.4		ug/L		102	76 - 120
1,3-Dichlorobenzene	25.0	24.4		ug/L		98	77 - 120
1,4-Dichlorobenzene	25.0	24.1		ug/L		96	80 - 120
2-Hexanone	125	143		ug/L		114	65 - 127
2-Butanone (MEK)	125	144		ug/L		115	57 - 140
4-Methyl-2-pentanone (MIBK)	125	137		ug/L		109	71 - 125
Acetone	125	133		ug/L		106	56 - 142
Benzene	25.0	24.3		ug/L		97	71 - 124
Bromodichloromethane	25.0	25.3		ug/L		101	80 - 122
Bromoform	25.0	26.9		ug/L		108	61 - 132
Bromomethane	25.0	24.5		ug/L		98	55 - 144
Carbon disulfide	25.0	23.2		ug/L		93	59 - 134
Carbon tetrachloride	25.0	23.2		ug/L		93	72 - 134
Chlorobenzene	25.0	23.3		ug/L		93	80 - 120
Chlorodibromomethane	25.0	25.8		ug/L		103	75 - 125
Chloroethane	25.0	23.1		ug/L		92	69 - 136
Chloroform	25.0	24.0		ug/L		96	73 - 127
Chloromethane	25.0	24.3		ug/L		97	68 - 124
cis-1,2-Dichloroethene	25.0	24.4		ug/L		98	74 - 124
cis-1,3-Dichloropropene	25.0	27.6		ug/L		111	74 - 124
Cyclohexane	25.0	20.9		ug/L		83	59 - 135
Dichlorodifluoromethane	25.0	23.0		ug/L		92	59 - 135
Ethylbenzene	25.0	23.4		ug/L		94	77 - 123
Isopropylbenzene	25.0	25.3		ug/L		101	77 - 122
Methyl acetate	50.0	51.6		ug/L		103	74 - 133
Methyl tert-butyl ether	25.0	26.4		ug/L		106	77 - 120
Methylcyclohexane	25.0	20.5		ug/L		82	68 - 134

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

Lab Sample ID: LCS 480-618735/5
Matrix: Water
Analysis Batch: 618735

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Methylene Chloride	25.0	25.8		ug/L		103	75 - 124
Styrene	25.0	25.5		ug/L		102	80 - 120
Tetrachloroethene	25.0	21.1		ug/L		84	74 - 122
Toluene	25.0	23.9		ug/L		95	80 - 122
trans-1,2-Dichloroethene	25.0	23.2		ug/L		93	73 - 127
trans-1,3-Dichloropropene	25.0	27.6		ug/L		110	80 - 120
Trichloroethene	25.0	23.4		ug/L		93	74 - 123
Trichlorofluoromethane	25.0	21.6		ug/L		86	62 - 150
Vinyl chloride	25.0	23.5		ug/L		94	65 - 133

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*98*		*77 - 120*
Toluene-d8 (Surr)	*100*		*80 - 120*
4-Bromofluorobenzene (Surr)	*99*		*73 - 120*
Dibromofluoromethane (Surr)	*98*		*75 - 123*

Lab Sample ID: 480-196001-8 MS
Matrix: Water
Analysis Batch: 618735

Client Sample ID: MW4D MS 032222
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1-Trichloroethane	ND		25.0	27.3		ug/L		109	73 - 126
1,1,2,2-Tetrachloroethane	ND		25.0	27.8		ug/L		111	76 - 120
1,1,2-Trichloroethane	ND		25.0	27.9		ug/L		112	76 - 122
1,1,2-Trichlorotrifluoroethane	ND		25.0	22.3		ug/L		89	61 - 148
1,1-Dichloroethane	ND		25.0	27.5		ug/L		110	77 - 120
1,1-Dichloroethene	ND		25.0	24.9		ug/L		100	66 - 127
1,2,4-Trichlorobenzene	ND		25.0	27.3		ug/L		109	79 - 122
1,2-Dibromo-3-Chloropropane	ND		25.0	27.9		ug/L		112	56 - 134
1,2-Dibromoethane (EDB)	ND		25.0	27.7		ug/L		111	77 - 120
1,2-Dichlorobenzene	ND		25.0	26.8		ug/L		107	80 - 124
1,2-Dichloroethane	ND		25.0	25.6		ug/L		102	75 - 120
1,2-Dichloropropane	ND		25.0	27.4		ug/L		110	76 - 120
1,3-Dichlorobenzene	ND		25.0	27.1		ug/L		108	77 - 120
1,4-Dichlorobenzene	ND		25.0	26.6		ug/L		106	78 - 124
2-Hexanone	ND		125	153		ug/L		123	65 - 127
2-Butanone (MEK)	ND		125	142		ug/L		113	57 - 140
4-Methyl-2-pentanone (MIBK)	ND		125	147		ug/L		118	71 - 125
Acetone	ND		125	116		ug/L		93	56 - 142
Benzene	ND		25.0	27.4		ug/L		110	71 - 124
Bromodichloromethane	ND		25.0	27.2		ug/L		109	80 - 122
Bromoform	ND		25.0	27.3		ug/L		109	61 - 132
Bromomethane	ND		25.0	28.6		ug/L		114	55 - 144
Carbon disulfide	ND		25.0	28.0		ug/L		112	59 - 134
Carbon tetrachloride	ND		25.0	27.4		ug/L		110	72 - 134
Chlorobenzene	ND		25.0	27.5		ug/L		110	80 - 120
Chlorodibromomethane	ND		25.0	27.3		ug/L		109	75 - 125
Chloroethane	ND		25.0	26.4		ug/L		106	69 - 136

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

Lab Sample ID: 480-196001-8 MS
Matrix: Water
Analysis Batch: 618735

Client Sample ID: MW4D MS 032222
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloroform	ND		25.0	27.2		ug/L		109	73 - 127
Chloromethane	ND		25.0	25.4		ug/L		102	68 - 124
cis-1,2-Dichloroethene	ND		25.0	27.1		ug/L		108	74 - 124
cis-1,3-Dichloropropene	ND		25.0	26.4		ug/L		106	74 - 124
Cyclohexane	ND		25.0	26.5		ug/L		106	59 - 135
Dichlorodifluoromethane	ND		25.0	28.0		ug/L		112	59 - 135
Ethylbenzene	ND		25.0	28.1		ug/L		112	77 - 123
Isopropylbenzene	ND		25.0	29.6		ug/L		118	77 - 122
Methyl acetate	ND		50.0	50.8		ug/L		102	74 - 133
Methyl tert-butyl ether	ND		25.0	27.2		ug/L		109	77 - 120
Methylcyclohexane	ND		25.0	25.5		ug/L		102	68 - 134
Methylene Chloride	ND		25.0	28.8		ug/L		115	75 - 124
Styrene	ND		25.0	28.8		ug/L		115	80 - 120
Tetrachloroethene	ND		25.0	27.0		ug/L		108	74 - 122
Toluene	ND		25.0	28.0		ug/L		112	80 - 122
trans-1,2-Dichloroethene	ND		25.0	27.6		ug/L		110	73 - 127
trans-1,3-Dichloropropene	ND		25.0	27.3		ug/L		109	80 - 120
Trichloroethene	ND		25.0	26.5		ug/L		106	74 - 123
Trichlorofluoromethane	ND		25.0	26.4		ug/L		106	62 - 150
Vinyl chloride	ND		25.0	29.9		ug/L		120	65 - 133

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*95*		*77 - 120*
Toluene-d8 (Surr)	*102*		*80 - 120*
4-Bromofluorobenzene (Surr)	*103*		*73 - 120*
Dibromofluoromethane (Surr)	*96*		*75 - 123*

Lab Sample ID: 480-196001-8 MSD
Matrix: Water
Analysis Batch: 618735

Client Sample ID: MW4D MSD 032222
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	ND		25.0	25.8		ug/L		103	73 - 126	6	15
1,1,2,2-Tetrachloroethane	ND		25.0	27.4		ug/L		110	76 - 120	1	15
1,1,2-Trichloroethane	ND		25.0	26.8		ug/L		107	76 - 122	4	15
1,1,2-Trichlorotrifluoroethane	ND		25.0	23.3		ug/L		93	61 - 148	4	20
1,1-Dichloroethane	ND		25.0	26.2		ug/L		105	77 - 120	5	20
1,1-Dichloroethene	ND		25.0	26.2		ug/L		105	66 - 127	5	16
1,2,4-Trichlorobenzene	ND		25.0	26.5		ug/L		106	79 - 122	3	20
1,2-Dibromo-3-Chloropropane	ND		25.0	27.7		ug/L		111	56 - 134	1	15
1,2-Dibromoethane (EDB)	ND		25.0	26.6		ug/L		106	77 - 120	4	15
1,2-Dichlorobenzene	ND		25.0	25.5		ug/L		102	80 - 124	5	20
1,2-Dichloroethane	ND		25.0	24.6		ug/L		98	75 - 120	4	20
1,2-Dichloropropane	ND		25.0	27.7		ug/L		111	76 - 120	1	20
1,3-Dichlorobenzene	ND		25.0	25.5		ug/L		102	77 - 120	6	20
1,4-Dichlorobenzene	ND		25.0	25.3		ug/L		101	78 - 124	5	20
2-Hexanone	ND		125	143		ug/L		114	65 - 127	7	15
2-Butanone (MEK)	ND		125	140		ug/L		112	57 - 140	1	20

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

Lab Sample ID: 480-196001-8 MSD
Matrix: Water
Analysis Batch: 618735

Client Sample ID: MW4D MSD 032222
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
4-Methyl-2-pentanone (MIBK)	ND		125	140		ug/L		112	71 - 125	5	35
Acetone	ND		125	119		ug/L		95	56 - 142	2	15
Benzene	ND		25.0	25.8		ug/L		103	71 - 124	6	13
Bromodichloromethane	ND		25.0	26.5		ug/L		106	80 - 122	2	15
Bromoform	ND		25.0	26.8		ug/L		107	61 - 132	2	15
Bromomethane	ND		25.0	29.3		ug/L		117	55 - 144	2	15
Carbon disulfide	ND		25.0	26.0		ug/L		104	59 - 134	7	15
Carbon tetrachloride	ND		25.0	26.0		ug/L		104	72 - 134	5	15
Chlorobenzene	ND		25.0	25.1		ug/L		100	80 - 120	9	25
Chlorodibromomethane	ND		25.0	26.3		ug/L		105	75 - 125	4	15
Chloroethane	ND		25.0	27.3		ug/L		109	69 - 136	3	15
Chloroform	ND		25.0	25.5		ug/L		102	73 - 127	7	20
Chloromethane	ND		25.0	25.0		ug/L		100	68 - 124	2	15
cis-1,2-Dichloroethene	ND		25.0	25.6		ug/L		103	74 - 124	6	15
cis-1,3-Dichloropropene	ND		25.0	26.1		ug/L		104	74 - 124	1	15
Cyclohexane	ND		25.0	25.0		ug/L		100	59 - 135	6	20
Dichlorodifluoromethane	ND		25.0	27.1		ug/L		108	59 - 135	3	20
Ethylbenzene	ND		25.0	26.1		ug/L		104	77 - 123	7	15
Isopropylbenzene	ND		25.0	27.6		ug/L		111	77 - 122	7	20
Methyl acetate	ND		50.0	49.7		ug/L		99	74 - 133	2	20
Methyl tert-butyl ether	ND		25.0	26.3		ug/L		105	77 - 120	3	37
Methylcyclohexane	ND		25.0	24.2		ug/L		97	68 - 134	5	20
Methylene Chloride	ND		25.0	26.6		ug/L		106	75 - 124	8	15
Styrene	ND		25.0	27.4		ug/L		109	80 - 120	5	20
Tetrachloroethene	ND		25.0	25.1		ug/L		100	74 - 122	7	20
Toluene	ND		25.0	26.2		ug/L		105	80 - 122	7	15
trans-1,2-Dichloroethene	ND		25.0	25.5		ug/L		102	73 - 127	8	20
trans-1,3-Dichloropropene	ND		25.0	26.3		ug/L		105	80 - 120	4	15
Trichloroethene	ND		25.0	26.1		ug/L		104	74 - 123	2	16
Trichlorofluoromethane	ND		25.0	26.9		ug/L		108	62 - 150	2	20
Vinyl chloride	ND		25.0	29.9		ug/L		119	65 - 133	0	15

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*95*		*77 - 120*
Toluene-d8 (Surr)	*100*		*80 - 120*
4-Bromofluorobenzene (Surr)	*100*		*73 - 120*
Dibromofluoromethane (Surr)	*96*		*75 - 123*

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 480-619591/28
Matrix: Water
Analysis Batch: 619591

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		0.50	0.28	mg/L			03/29/22 23:58	1
Sulfate	ND		2.0	0.35	mg/L			03/29/22 23:58	1

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: LCS 480-619591/29
Matrix: Water
Analysis Batch: 619591

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	50.14		mg/L		100	90 - 110		
Sulfate			50.0	49.34		mg/L		99	90 - 110		

Lab Sample ID: 480-196001-8 MS
Matrix: Water
Analysis Batch: 619591

Client Sample ID: MW4D MS 032222
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits		
Chloride	283		250	508.7		mg/L		90	81 - 120		
Sulfate	318		250	535.2		mg/L		87	80 - 120		

Lab Sample ID: 480-196001-8 MSD
Matrix: Water
Analysis Batch: 619591

Client Sample ID: MW4D MSD 032222
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	283		250	507.2		mg/L		90	81 - 120	0	15
Sulfate	318		250	536.1		mg/L		87	80 - 120	0	15

Method: 310.2_ASP - Alkalinity - Colorimetric

Lab Sample ID: MB 480-619615/118
Matrix: Water
Analysis Batch: 619615

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Alkalinity, Bicarbonate	ND		10.0	4.0	mg/L			03/29/22 15:25	1

Lab Sample ID: MB 480-619615/131
Matrix: Water
Analysis Batch: 619615

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Alkalinity, Bicarbonate	ND		10.0	4.0	mg/L			03/29/22 15:32	1

Lab Sample ID: MB 480-619615/17
Matrix: Water
Analysis Batch: 619615

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Alkalinity, Bicarbonate	ND		10.0	4.0	mg/L			03/29/22 14:22	1

Lab Sample ID: MB 480-619615/21
Matrix: Water
Analysis Batch: 619615

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Alkalinity, Bicarbonate	ND		10.0	4.0	mg/L			03/29/22 14:38	1

Method: 310.2_ASP - Alkalinity - Colorimetric (Continued)

Lab Sample ID: MB 480-619615/56
Matrix: Water
Analysis Batch: 619615

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Alkalinity, Bicarbonate	ND		10.0	4.0	mg/L			03/29/22 14:54	1

Lab Sample ID: MB 480-619615/67
Matrix: Water
Analysis Batch: 619615

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Alkalinity, Bicarbonate	ND		10.0	4.0	mg/L			03/29/22 15:08	1

Lab Sample ID: MB 480-619615/79
Matrix: Water
Analysis Batch: 619615

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Alkalinity, Bicarbonate	ND		10.0	4.0	mg/L			03/29/22 15:10	1

Lab Sample ID: MB 480-619615/88
Matrix: Water
Analysis Batch: 619615

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Alkalinity, Bicarbonate	ND		10.0	4.0	mg/L			03/29/22 15:13	1

Lab Sample ID: MB 480-619615/99
Matrix: Water
Analysis Batch: 619615

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Alkalinity, Bicarbonate	ND		10.0	4.0	mg/L			03/29/22 15:16	1

Lab Sample ID: LCS 480-619615/130
Matrix: Water
Analysis Batch: 619615

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Alkalinity, Bicarbonate	50.0	48.21		mg/L		96	90 - 110

Lab Sample ID: LCS 480-619615/20
Matrix: Water
Analysis Batch: 619615

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Alkalinity, Bicarbonate	50.0	47.07		mg/L		94	90 - 110

Lab Sample ID: LCS 480-619615/66
Matrix: Water
Analysis Batch: 619615

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Alkalinity, Bicarbonate	50.0	48.51		mg/L		97	90 - 110

Method: 310.2_ASP - Alkalinity - Colorimetric

Lab Sample ID: LCS 480-619615/87
Matrix: Water
Analysis Batch: 619615

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Alkalinity, Bicarbonate	50.0	47.45		mg/L		95	90 - 110

Lab Sample ID: LCS 480-619615/98
Matrix: Water
Analysis Batch: 619615

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Alkalinity, Bicarbonate	50.0	48.95		mg/L		98	90 - 110

Lab Sample ID: 480-196001-8 MS
Matrix: Water
Analysis Batch: 619615

Client Sample ID: MW4D MS 032222
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Alkalinity, Bicarbonate	342	F1	100	359.1	F1	mg/L		17	60 - 140

Lab Sample ID: 480-196001-8 MSD
Matrix: Water
Analysis Batch: 619615

Client Sample ID: MW4D MSD 032222
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Alkalinity, Bicarbonate	342	F1	80.0	351.2	4	mg/L		11	60 - 140	2	20

Method: 353.2 - Nitrogen, Nitrite

Lab Sample ID: MB 480-618885/27
Matrix: Water
Analysis Batch: 618885

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrite as N	ND		0.050	0.020	mg/L			03/23/22 20:32	1

Lab Sample ID: MB 480-618885/3
Matrix: Water
Analysis Batch: 618885

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrite as N	ND		0.050	0.020	mg/L			03/23/22 19:59	1

Lab Sample ID: LCS 480-618885/28
Matrix: Water
Analysis Batch: 618885

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Nitrite as N	1.50	1.56		mg/L		104	90 - 110

Method: 353.2 - Nitrogen, Nitrite (Continued)

Lab Sample ID: LCS 480-618885/4
Matrix: Water
Analysis Batch: 618885

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

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Nitrite as N			1.50	1.53		mg/L		102	90 - 110		

Lab Sample ID: 480-196001-8 MS
Matrix: Water
Analysis Batch: 618885

Client Sample ID: MW4D MS 032222
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits		
Nitrite as N	ND		1.00	1.10		mg/L		110	90 - 110		

Lab Sample ID: 480-196001-8 MSD
Matrix: Water
Analysis Batch: 618885

Client Sample ID: MW4D MSD 032222
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	ND		1.00	1.10		mg/L		110	90 - 110	0	20

Method: SM 4500 S2 F - Sulfide, Total

Lab Sample ID: MB 480-619189/3
Matrix: Water
Analysis Batch: 619189

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfide	ND		1.0	0.67	mg/L			03/25/22 14:55	1

Lab Sample ID: LCS 480-619189/4
Matrix: Water
Analysis Batch: 619189

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

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Sulfide			6.60	7.20		mg/L		109	90 - 110		

Lab Sample ID: 480-196001-8 MS
Matrix: Water
Analysis Batch: 619189

Client Sample ID: MW4D MS 032222
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits		
Sulfide	1.2		1.80	2.40		mg/L		67	40 - 150		

Lab Sample ID: 480-196001-8 MSD
Matrix: Water
Analysis Batch: 619189

Client Sample ID: MW4D MSD 032222
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Sulfide	1.2		1.80	2.40		mg/L		67	40 - 150	0	20

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

Lab Sample ID: 480-196001-6 DU
Matrix: Water
Analysis Batch: 619189

Client Sample ID: MW6D 032222
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Sulfide	ND			ND		mg/L				NC	20

Method: SM 5310C - Organic Carbon, Dissolved (DOC)

Lab Sample ID: MB 480-619131/28
Matrix: Water
Analysis Batch: 619131

Client Sample ID: Method Blank
Prep Type: Dissolved

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dissolved Organic Carbon - Duplicate	ND		1.0	0.43	mg/L			03/24/22 05:43	1

Lab Sample ID: LCS 480-619131/29
Matrix: Water
Analysis Batch: 619131

Client Sample ID: Lab Control Sample
Prep Type: Dissolved

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Dissolved Organic Carbon - Duplicate			60.1	60.49		mg/L		101	90 - 110		

Lab Sample ID: 480-196001-6 MS
Matrix: Water
Analysis Batch: 619131

Client Sample ID: MW6D 032222
Prep Type: Dissolved

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits		
Dissolved Organic Carbon - Duplicate	4.7		23.3	30.81		mg/L		112	54 - 131		

Lab Sample ID: 480-196001-8 MS
Matrix: Water
Analysis Batch: 619131

Client Sample ID: MW4D MS 032222
Prep Type: Dissolved

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits		
Dissolved Organic Carbon - Duplicate	4.1		23.3	27.97		mg/L		103	54 - 131		

Lab Sample ID: 480-196001-8 MSD
Matrix: Water
Analysis Batch: 619131

Client Sample ID: MW4D MSD 032222
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 - Duplicate	4.1		23.3	28.12		mg/L		103	54 - 131	1	20

Lab Sample ID: 480-196001-7 DU
Matrix: Water
Analysis Batch: 619131

Client Sample ID: MW6DD 032222
Prep Type: Dissolved

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Dissolved Organic Carbon - Duplicate	5.2			4.93		mg/L				5	20

GC/MS VOA

Analysis Batch: 618735

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-196001-1	MW1S 032122	Total/NA	Water	8260C	
480-196001-2	MW1D 032122	Total/NA	Water	8260C	
480-196001-3	MW55 032222	Total/NA	Water	8260C	
480-196001-4	MW5D 032222	Total/NA	Water	8260C	
480-196001-5	MW6S 032222	Total/NA	Water	8260C	
480-196001-6	MW6D 032222	Total/NA	Water	8260C	
480-196001-7	MW6DD 032222	Total/NA	Water	8260C	
480-196001-8	MW4D 032222	Total/NA	Water	8260C	
480-196001-9	MW4S 032222	Total/NA	Water	8260C	
480-196001-12	TRIP BLANK	Total/NA	Water	8260C	
MB 480-618735/7	Method Blank	Total/NA	Water	8260C	
LCS 480-618735/5	Lab Control Sample	Total/NA	Water	8260C	
480-196001-8 MS	MW4D MS 032222	Total/NA	Water	8260C	
480-196001-8 MSD	MW4D MSD 032222	Total/NA	Water	8260C	

General Chemistry

Analysis Batch: 618883

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-196001-1	MW1S 032122	Total/NA	Water	353.2	
480-196001-2	MW1D 032122	Total/NA	Water	353.2	
480-196001-3	MW55 032222	Total/NA	Water	353.2	
480-196001-4	MW5D 032222	Total/NA	Water	353.2	
480-196001-5	MW6S 032222	Total/NA	Water	353.2	
480-196001-6	MW6D 032222	Total/NA	Water	353.2	
480-196001-7	MW6DD 032222	Total/NA	Water	353.2	
480-196001-8	MW4D 032222	Total/NA	Water	353.2	
480-196001-9	MW4S 032222	Total/NA	Water	353.2	

Analysis Batch: 618884

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-196001-1	MW1S 032122	Total/NA	Water	353.2	
480-196001-2	MW1D 032122	Total/NA	Water	353.2	
480-196001-4	MW5D 032222	Total/NA	Water	353.2	
480-196001-5	MW6S 032222	Total/NA	Water	353.2	
480-196001-6	MW6D 032222	Total/NA	Water	353.2	

Analysis Batch: 618885

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-196001-3	MW55 032222	Total/NA	Water	353.2	
480-196001-7	MW6DD 032222	Total/NA	Water	353.2	
480-196001-8	MW4D 032222	Total/NA	Water	353.2	
480-196001-9	MW4S 032222	Total/NA	Water	353.2	
MB 480-618885/27	Method Blank	Total/NA	Water	353.2	
MB 480-618885/3	Method Blank	Total/NA	Water	353.2	
LCS 480-618885/28	Lab Control Sample	Total/NA	Water	353.2	
LCS 480-618885/4	Lab Control Sample	Total/NA	Water	353.2	
480-196001-8 MS	MW4D MS 032222	Total/NA	Water	353.2	
480-196001-8 MSD	MW4D MSD 032222	Total/NA	Water	353.2	

General Chemistry

Analysis Batch: 619131

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-196001-1	MW1S 032122	Dissolved	Water	SM 5310C	
480-196001-2	MW1D 032122	Dissolved	Water	SM 5310C	
480-196001-3	MW55 032222	Dissolved	Water	SM 5310C	
480-196001-4	MW5D 032222	Dissolved	Water	SM 5310C	
480-196001-5	MW6S 032222	Dissolved	Water	SM 5310C	
480-196001-6	MW6D 032222	Dissolved	Water	SM 5310C	
480-196001-7	MW6DD 032222	Dissolved	Water	SM 5310C	
480-196001-8	MW4D 032222	Dissolved	Water	SM 5310C	
480-196001-9	MW4S 032222	Dissolved	Water	SM 5310C	
MB 480-619131/28	Method Blank	Dissolved	Water	SM 5310C	
LCS 480-619131/29	Lab Control Sample	Dissolved	Water	SM 5310C	
480-196001-6 MS	MW6D 032222	Dissolved	Water	SM 5310C	
480-196001-8 MS	MW4D MS 032222	Dissolved	Water	SM 5310C	
480-196001-8 MSD	MW4D MSD 032222	Dissolved	Water	SM 5310C	
480-196001-7 DU	MW6DD 032222	Dissolved	Water	SM 5310C	

Analysis Batch: 619189

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-196001-1	MW1S 032122	Total/NA	Water	SM 4500 S2 F	
480-196001-2	MW1D 032122	Total/NA	Water	SM 4500 S2 F	
480-196001-3	MW55 032222	Total/NA	Water	SM 4500 S2 F	
480-196001-4	MW5D 032222	Total/NA	Water	SM 4500 S2 F	
480-196001-5	MW6S 032222	Total/NA	Water	SM 4500 S2 F	
480-196001-6	MW6D 032222	Total/NA	Water	SM 4500 S2 F	
480-196001-7	MW6DD 032222	Total/NA	Water	SM 4500 S2 F	
480-196001-8	MW4D 032222	Total/NA	Water	SM 4500 S2 F	
480-196001-9	MW4S 032222	Total/NA	Water	SM 4500 S2 F	
MB 480-619189/3	Method Blank	Total/NA	Water	SM 4500 S2 F	
LCS 480-619189/4	Lab Control Sample	Total/NA	Water	SM 4500 S2 F	
480-196001-8 MS	MW4D MS 032222	Total/NA	Water	SM 4500 S2 F	
480-196001-8 MSD	MW4D MSD 032222	Total/NA	Water	SM 4500 S2 F	
480-196001-6 DU	MW6D 032222	Total/NA	Water	SM 4500 S2 F	

Analysis Batch: 619591

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-196001-1	MW1S 032122	Total/NA	Water	300.0	
480-196001-2	MW1D 032122	Total/NA	Water	300.0	
480-196001-3	MW55 032222	Total/NA	Water	300.0	
480-196001-4	MW5D 032222	Total/NA	Water	300.0	
480-196001-5	MW6S 032222	Total/NA	Water	300.0	
480-196001-6	MW6D 032222	Total/NA	Water	300.0	
480-196001-7	MW6DD 032222	Total/NA	Water	300.0	
480-196001-8	MW4D 032222	Total/NA	Water	300.0	
480-196001-9	MW4S 032222	Total/NA	Water	300.0	
MB 480-619591/28	Method Blank	Total/NA	Water	300.0	
LCS 480-619591/29	Lab Control Sample	Total/NA	Water	300.0	
480-196001-8 MS	MW4D MS 032222	Total/NA	Water	300.0	
480-196001-8 MSD	MW4D MSD 032222	Total/NA	Water	300.0	

General Chemistry

Analysis Batch: 619615

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-196001-1	MW1S 032122	Total/NA	Water	310.2_ASP	
480-196001-2	MW1D 032122	Total/NA	Water	310.2_ASP	
480-196001-3	MW55 032222	Total/NA	Water	310.2_ASP	
480-196001-4	MW5D 032222	Total/NA	Water	310.2_ASP	
480-196001-5	MW6S 032222	Total/NA	Water	310.2_ASP	
480-196001-6	MW6D 032222	Total/NA	Water	310.2_ASP	
480-196001-7	MW6DD 032222	Total/NA	Water	310.2_ASP	
480-196001-8	MW4D 032222	Total/NA	Water	310.2_ASP	
480-196001-9	MW4S 032222	Total/NA	Water	310.2_ASP	
MB 480-619615/118	Method Blank	Total/NA	Water	310.2_ASP	
MB 480-619615/131	Method Blank	Total/NA	Water	310.2_ASP	
MB 480-619615/17	Method Blank	Total/NA	Water	310.2_ASP	
MB 480-619615/21	Method Blank	Total/NA	Water	310.2_ASP	
MB 480-619615/56	Method Blank	Total/NA	Water	310.2_ASP	
MB 480-619615/67	Method Blank	Total/NA	Water	310.2_ASP	
MB 480-619615/79	Method Blank	Total/NA	Water	310.2_ASP	
MB 480-619615/88	Method Blank	Total/NA	Water	310.2_ASP	
MB 480-619615/99	Method Blank	Total/NA	Water	310.2_ASP	
LCS 480-619615/130	Lab Control Sample	Total/NA	Water	310.2_ASP	
LCS 480-619615/20	Lab Control Sample	Total/NA	Water	310.2_ASP	
LCS 480-619615/66	Lab Control Sample	Total/NA	Water	310.2_ASP	
LCS 480-619615/87	Lab Control Sample	Total/NA	Water	310.2_ASP	
LCS 480-619615/98	Lab Control Sample	Total/NA	Water	310.2_ASP	
480-196001-8 MS	MW4D MS 032222	Total/NA	Water	310.2_ASP	
480-196001-8 MSD	MW4D MSD 032222	Total/NA	Water	310.2_ASP	

Client Sample ID: MW1S 032122

Lab Sample ID: 480-196001-1

Date Collected: 03/21/22 14:52

Matrix: Water

Date Received: 03/23/22 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	618735	03/23/22 12:48	CRL	TAL BUF
Total/NA	Analysis	300.0		10	619591	03/30/22 02:47	IMZ	TAL BUF
Total/NA	Analysis	310.2_ASP		5	619615	03/29/22 15:08	RDA	TAL BUF
Total/NA	Analysis	353.2		1	618883	03/23/22 16:36	CSS	TAL BUF
Total/NA	Analysis	353.2		1	618884	03/23/22 16:36	CSS	TAL BUF
Total/NA	Analysis	SM 4500 S2 F		1	619189	03/25/22 14:55	JGO	TAL BUF
Dissolved	Analysis	SM 5310C		1	619131	03/24/22 08:02	KER	TAL BUF

Client Sample ID: MW1D 032122

Lab Sample ID: 480-196001-2

Date Collected: 03/21/22 14:55

Matrix: Water

Date Received: 03/23/22 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	618735	03/23/22 13:11	CRL	TAL BUF
Total/NA	Analysis	300.0		10	619591	03/30/22 03:02	IMZ	TAL BUF
Total/NA	Analysis	310.2_ASP		5	619615	03/29/22 15:09	RDA	TAL BUF
Total/NA	Analysis	353.2		1	618883	03/23/22 16:50	CSS	TAL BUF
Total/NA	Analysis	353.2		1	618884	03/23/22 16:50	CSS	TAL BUF
Total/NA	Analysis	SM 4500 S2 F		1	619189	03/25/22 14:55	JGO	TAL BUF
Dissolved	Analysis	SM 5310C		1	619131	03/24/22 08:30	KER	TAL BUF

Client Sample ID: MW55 032222

Lab Sample ID: 480-196001-3

Date Collected: 03/22/22 10:55

Matrix: Water

Date Received: 03/23/22 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	618735	03/23/22 13:33	CRL	TAL BUF
Total/NA	Analysis	300.0		2	619591	03/30/22 03:16	IMZ	TAL BUF
Total/NA	Analysis	310.2_ASP		5	619615	03/29/22 15:09	RDA	TAL BUF
Total/NA	Analysis	353.2		1	618883	03/23/22 18:23	CSS	TAL BUF
Total/NA	Analysis	353.2		1	618885	03/23/22 20:06	CSS	TAL BUF
Total/NA	Analysis	SM 4500 S2 F		1	619189	03/25/22 14:55	JGO	TAL BUF
Dissolved	Analysis	SM 5310C		1	619131	03/24/22 08:58	KER	TAL BUF

Client Sample ID: MW5D 032222

Lab Sample ID: 480-196001-4

Date Collected: 03/22/22 09:15

Matrix: Water

Date Received: 03/23/22 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	618735	03/23/22 13:56	CRL	TAL BUF
Total/NA	Analysis	300.0		5	619591	03/30/22 03:30	IMZ	TAL BUF
Total/NA	Analysis	310.2_ASP		5	619615	03/29/22 15:10	RDA	TAL BUF
Total/NA	Analysis	353.2		1	618883	03/23/22 17:28	CSS	TAL BUF

Client Sample ID: MW5D 032222

Lab Sample ID: 480-196001-4

Date Collected: 03/22/22 09:15

Matrix: Water

Date Received: 03/23/22 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	353.2		1	618884	03/23/22 17:28	CSS	TAL BUF
Total/NA	Analysis	SM 4500 S2 F		1	619189	03/25/22 14:55	JGO	TAL BUF
Dissolved	Analysis	SM 5310C		1	619131	03/24/22 09:26	KER	TAL BUF

Client Sample ID: MW6S 032222

Lab Sample ID: 480-196001-5

Date Collected: 03/22/22 10:40

Matrix: Water

Date Received: 03/23/22 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	618735	03/23/22 14:19	CRL	TAL BUF
Total/NA	Analysis	300.0		5	619591	03/30/22 03:44	IMZ	TAL BUF
Total/NA	Analysis	310.2_ASP		5	619615	03/29/22 15:13	RDA	TAL BUF
Total/NA	Analysis	353.2		1	618883	03/23/22 16:40	CSS	TAL BUF
Total/NA	Analysis	353.2		1	618884	03/23/22 16:40	CSS	TAL BUF
Total/NA	Analysis	SM 4500 S2 F		1	619189	03/25/22 14:55	JGO	TAL BUF
Dissolved	Analysis	SM 5310C		1	619131	03/24/22 09:53	KER	TAL BUF

Client Sample ID: MW6D 032222

Lab Sample ID: 480-196001-6

Date Collected: 03/22/22 12:00

Matrix: Water

Date Received: 03/23/22 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	618735	03/23/22 14:42	CRL	TAL BUF
Total/NA	Analysis	300.0		5	619591	03/30/22 03:58	IMZ	TAL BUF
Total/NA	Analysis	310.2_ASP		5	619615	03/29/22 15:14	RDA	TAL BUF
Total/NA	Analysis	353.2		1	618883	03/23/22 16:42	CSS	TAL BUF
Total/NA	Analysis	353.2		1	618884	03/23/22 16:42	CSS	TAL BUF
Total/NA	Analysis	SM 4500 S2 F		1	619189	03/25/22 14:55	JGO	TAL BUF
Dissolved	Analysis	SM 5310C		1	619131	03/24/22 11:45	KER	TAL BUF

Client Sample ID: MW6DD 032222

Lab Sample ID: 480-196001-7

Date Collected: 03/22/22 09:10

Matrix: Water

Date Received: 03/23/22 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	618735	03/23/22 15:05	CRL	TAL BUF
Total/NA	Analysis	300.0		5	619591	03/30/22 04:12	IMZ	TAL BUF
Total/NA	Analysis	310.2_ASP		5	619615	03/29/22 15:14	RDA	TAL BUF
Total/NA	Analysis	353.2		1	618883	03/23/22 16:43	CSS	TAL BUF
Total/NA	Analysis	353.2		1	618885	03/23/22 20:08	CSS	TAL BUF
Total/NA	Analysis	SM 4500 S2 F		1	619189	03/25/22 14:55	JGO	TAL BUF
Dissolved	Analysis	SM 5310C		1	619131	03/24/22 12:40	KER	TAL BUF

Lab Chronicle

Client: O'Brien & Gere Inc of North America
Project/Site: Forest Glen Monitoring

Job ID: 480-196001-1

Client Sample ID: MW4D 032222

Lab Sample ID: 480-196001-8

Date Collected: 03/22/22 13:20

Matrix: Water

Date Received: 03/23/22 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	618735	03/23/22 15:27	CRL	TAL BUF
Total/NA	Analysis	300.0		5	619591	03/30/22 01:37	IMZ	TAL BUF
Total/NA	Analysis	310.2_ASP		5	619615	03/29/22 15:15	RDA	TAL BUF
Total/NA	Analysis	353.2		1	618883	03/23/22 18:19	CSS	TAL BUF
Total/NA	Analysis	353.2		1	618885	03/23/22 20:02	CSS	TAL BUF
Total/NA	Analysis	SM 4500 S2 F		1	619189	03/25/22 14:55	JGO	TAL BUF
Dissolved	Analysis	SM 5310C		1	619131	03/24/22 07:34	KER	TAL BUF

Client Sample ID: MW4S 032222

Lab Sample ID: 480-196001-9

Date Collected: 03/22/22 15:00

Matrix: Water

Date Received: 03/23/22 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	618735	03/23/22 15:49	CRL	TAL BUF
Total/NA	Analysis	300.0		5	619591	03/30/22 04:26	IMZ	TAL BUF
Total/NA	Analysis	310.2_ASP		5	619615	03/29/22 15:15	RDA	TAL BUF
Total/NA	Analysis	353.2		1	618883	03/23/22 16:44	CSS	TAL BUF
Total/NA	Analysis	353.2		1	618885	03/23/22 20:09	CSS	TAL BUF
Total/NA	Analysis	SM 4500 S2 F		1	619189	03/25/22 14:55	JGO	TAL BUF
Dissolved	Analysis	SM 5310C		1	619131	03/24/22 13:08	KER	TAL BUF

Client Sample ID: TRIP BLANK

Lab Sample ID: 480-196001-12

Date Collected: 03/22/22 00:00

Matrix: Water

Date Received: 03/23/22 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	618735	03/23/22 16:13	CRL	TAL BUF

Laboratory References:

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

Accreditation/Certification Summary

Client: O'Brien & Gere Inc of North America
Job ID: 480-196001-1
Project/Site: Forest Glen Monitoring

Laboratory: Eurofins 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
310.2_ASP		Water	Alkalinity, Bicarbonate
SM 5310C		Water	Dissolved Organic Carbon - Duplicate

Method Summary

Client: O'Brien & Gere Inc of North America
Project/Site: Forest Glen Monitoring

Job ID: 480-196001-1

Method	Method Description	Protocol	Laboratory
8260C	Volatile Organic Compounds by GC/MS	SW846	TAL BUF
300.0	Anions, Ion Chromatography	MCAWW	TAL BUF
310.2_ASP	Alkalinity - Colorimetric	MCAWW	TAL BUF
353.2	Nitrate	EPA	TAL BUF
353.2	Nitrogen, Nitrite	MCAWW	TAL BUF
SM 4500 S2 F	Sulfide, Total	SM	TAL BUF
SM 5310C	Organic Carbon, Dissolved (DOC)	SM	TAL BUF
5030C	Purge and Trap	SW846	TAL BUF

Protocol References:

EPA = US Environmental Protection Agency

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

Sample Summary

Client: O'Brien & Gere Inc of North America
Job ID: 480-196001-1
Project/Site: Forest Glen Monitoring

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
480-196001-1	MW1S 032122	Water	03/21/22 14:52	03/23/22 08:00
480-196001-2	MW1D 032122	Water	03/21/22 14:55	03/23/22 08:00
480-196001-3	MW55 032222	Water	03/22/22 10:55	03/23/22 08:00
480-196001-4	MW5D 032222	Water	03/22/22 09:15	03/23/22 08:00
480-196001-5	MW6S 032222	Water	03/22/22 10:40	03/23/22 08:00
480-196001-6	MW6D 032222	Water	03/22/22 12:00	03/23/22 08:00
480-196001-7	MW6DD 032222	Water	03/22/22 09:10	03/23/22 08:00
480-196001-8	MW4D 032222	Water	03/22/22 13:20	03/23/22 08:00
480-196001-9	MW4S 032222	Water	03/22/22 15:00	03/23/22 08:00
480-196001-12	TRIP BLANK	Water	03/22/22 00:00	03/23/22 08:00

Quantitation Limit Exceptions Summary

Client: O'Brien & Gere Inc of North America
Job ID: 480-196001-1
Project/Site: Forest Glen Monitoring

The requested project specific reporting limits listed below were less than laboratory standard quantitation limits (PQL) but greater than or equal to the laboratory method detection limits (MDL). It must be noted that results reported below lab standard quantitation limits may result in false positive/false negative values and less accurate quantitation. Routine laboratory procedures do not indicate corrective action for detections below the laboratory's PQL.

Method	Analyte	Matrix	Prep Type	Unit	Client RL	Lab PQL
8260C	Methyl acetate	Water	Total/NA	ug/L	1.3	2.5

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

Chain of Custody Record

eurofins | Environment Testing America

Client Information	Sampler: MARTIN Koennecke	Lab PM: Schove, John R	Carrier Tracking No(s):	COC No: 480-171884-27221.1
Client Contact: Mr. Yuri Veliz	Phone: 315-729-1300	E-Mail: John.Schove@Eurofinset.com	State of Origin:	Page: Page 1 of 2
Company: O'Brien & Gere Inc of North America	PWSID:			Job #:
Address: 333 West Washington St. PO BOX 4873	Due Date Requested:			
City: East Syracuse	TAT Requested (days):			
State, Zip: NY, 13221	Compliance Project: Δ Yes Δ No			
Phone: 315-956-6100(Tel) 315-463-7554(Fax)	PO #: 1950003279			
Email: yuri.veliz@ramboll.com	WO #:			
Project Name: Forest Glen Monitoring	Project #: 48002808			
Site:	SSOW#:			

Analysis Requested

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, M - Hexane, N - None, O - AsNaO2, P - Na2O4S, Q - Na2SO3, R - Na2S2O3, S - H2SO4, T - TSP Dodecahydrate, U - Acetone, V - MCAA, W - pH 4-5, Z - other (specify)

Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8260C - TCL List VOCs	300.0_28D - Chloride & Sulfate	353.2, 353.2_Nitrite, Nitrate_Calc	SM5310_DOC_C - Dissolved Organic Carbon	310.2 - Alkalinity	SM4500_S2_F - Sulfide, Total	8260C - TCL Volatiles	Total Number of containers	Special Instructions/Note:
			Preservation Code:				A	N	N	A	N	CB	A		
MW 1S 032122	3-21-22	1452	G	Water			3	1	2	2	1	1			
mw 1D 032122	3-21-22	14:55	G	Water						1					
MW 5S 032222	3-22-22	10:55	G	Water											
mw 5D 032222	3-22-22	9:15	G	Water											
MW 6S 032222	3-22-22	10:40	G	Water											
mw 6D 032222	3-22-22	12:00	G	Water											
mw 6DD 032222	3-22-22	9:10	G	Water											
MW 4D 032222	3-22-22	13:20	G	Water											
mw 4D MS 032222	3-22-22	13:20	G	Water											
mw 4D MSD 032222	3-22-22	13:20	G	Water											
MW 4S 032222	3-22-22	15:00	G	Water			↓	↓	↓	↓	↓	↓			

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

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

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

Special Instructions/QC Requirements:

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

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Martin Koennecke	3-22-22 / 17:05	GSW16		3/22/22 1705	eta
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
				3/23/22 0800	JMB

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

Cooler Temperature(s) °C and Other Remarks: 2.2 3.6 # ice

Ver: 06/08/2021

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

Chain of Custody Record

eurofins | Environment Testing America

Client Information	Sampler: Martin Kaminski	Lab PM: Schove, John R	Carrier Tracking No(s):	COC No: 480-171884-27221.2
Client Contact: Mr. Yuri Veliz	Phone: 315-729-1300	E-Mail: John.Schove@Eurofinset.com	State of Origin:	Page: Page 2 of 2
Company: O'Brien & Gere Inc of North America	PWSID:			Job #:
Address: 333 West Washington St. PO BOX 4873	Due Date Requested:			
City: East Syracuse	TAT Requested (days):			
State, Zip: NY, 13221	Compliance Project: Δ Yes Δ No			
Phone: 315-956-6100(Tel) 315-463-7554(Fax)	PO #: 1950003279			
Email: yuri.veliz@ramboll.com	WO #:			
Project Name: Forest Glen Monitoring	Project #: 48002808			
Site:	SSOW#:			

Analysis Requested

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, M - Hexane, N - None, O - AsNaO2, P - Na2O4S, Q - Na2SO3, R - Na2S2O3, S - H2SO4, T - TSP Dodecahydrate, U - Acetone, V - MCAA, W - pH 4-5, Z - other (specify)

Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8260C - TCL List VOCs	300.0_28D - Chloride & Sulfate	353.2, 353.2_Nitrite, Nitrate_Calc	SM5310_DOC_C - Dissolved Organic Carbon	310.2 - Alkalinity	SM4500_S2_F - Sulfide, Total	8260C - TCL Volatiles	Total Number of containers	Special Instructions/Note:
			Preservation Code:				A	N	N	A	N	CB	A		
QC Trip Blank	3-22-22			Water									1		
				Water											
				Water											
				Water											
				Water											
				Water											
				Water											
				Water											
				Water											
				Water											
				Water											

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

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

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

Special Instructions/QC Requirements:

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

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Martin Kaminski	3-22-22 / 17:05	VSW16		3/22/22 1705	ETA
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time: 3/23/22 0800	Company

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

Cooler Temperature(s) °C and Other Remarks:

Ver: 06/08/2021

Login Sample Receipt Checklist

Client: O'Brien & Gere Inc of North America

Job Number: 480-196001-1

Login Number: 196001

List Source: Eurofins Buffalo

List Number: 1

Creator: Sabuda, Brendan D

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	2.2 3.6 #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	

eurofins | Environment Testing America

ANALYTICAL REPORT

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

Laboratory Job ID: 480-196078-1
Client Project/Site: Forest Glen Monitoring

For:
O'Brien & Gere Inc of North America
333 West Washington St.
PO BOX 4873
East Syracuse, New York 13221

Attn: Mr. David J Carnevale

Authorized for release by:
4/5/2022 3:15:17 PM
Rebecca Jones, Project Management Assistant I
Rebecca.Jones@et.eurofinsus.com

Designee for

John Schove, Project Manager II
(716)504-9838
John.Schove@et.eurofinsus.com

Table of Contents

Definitions/Glossary

Client: O'Brien & Gere Inc of North America
Project/Site: Forest Glen Monitoring

Job ID: 480-196078-1

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
*1	LCS/LCSD 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.

General Chemistry

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.

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

Job ID: 480-196078-1

Laboratory: Eurofins Buffalo

Narrative

Job Narrative
480-196078-1

Comments
No additional comments.

Receipt
The samples were received on 3/24/2022 11:55 AM. Unless otherwise noted below, the samples arrived in good condition, and where required, properly preserved and on ice. The temperature of the cooler at receipt was 3.3º C.

Receipt Exceptions

The following sample was listed on the Chain of Custody (COC); however, no sample was received: QC TRIP BLANK (480-196078-10).

GC/MS VOA
Method 8260C: The RPD of the laboratory control sample (LCS) and laboratory control sample duplicate (LCSD) for analytical batch 480-618965 recovered outside control limits for the following analytes: Chloroethane. The associated samples are impacted: MW8D 032322 (480-196078-1), MW8S 032322 (480-196078-2), MW8DD 032322 (480-196078-3), MW7S 032322 (480-196078-4), MW7DD 032322 (480-196078-5), X1 (480-196078-6), MW7D 032322 (480-196078-7), MW10S 032422 (480-196078-8) and MW10D 032422 (480-196078-9).

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

HPLC/IC
Method 300.0: The following samples were diluted to bring the concentration of target analytes within the calibration range: MW8D 032322 (480-196078-1) and MW8DD 032322 (480-196078-3). Elevated reporting limits (RLs) are provided.

Method 300.0: The following samples were diluted to bring the concentration of target analytes within the calibration range: MW7S 032322 (480-196078-4), MW7DD 032322 (480-196078-5), X1 (480-196078-6), MW7D 032322 (480-196078-7), MW10S 032422 (480-196078-8) and MW10D 032422 (480-196078-9). Elevated reporting limits (RLs) are provided.

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

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

Detection Summary

Client: O'Brien & Gere Inc of North America
Project/Site: Forest Glen Monitoring

Job ID: 480-196078-1

Client Sample ID: MW8D 032322 — Lab Sample ID: 480-196078-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	73.5		2.5	1.4	mg/L	5		300.0	Total/NA
Sulfate	108		10.0	1.7	mg/L	5		300.0	Total/NA
Alkalinity, Bicarbonate	259		50.0	20.0	mg/L	5		310.2_ASP	Total/NA
Dissolved Organic Carbon - Duplicate	4.6		1.0	0.43	mg/L	1		SM 5310C	Dissolved

Client Sample ID: MW8S 032322 — Lab Sample ID: 480-196078-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	1.8		1.0	0.81	ug/L	1		8260C	Total/NA
Tetrachloroethene	0.55	J	1.0	0.36	ug/L	1		8260C	Total/NA
Trichloroethene	2.2		1.0	0.46	ug/L	1		8260C	Total/NA
Chloride	5.1		0.50	0.28	mg/L	1		300.0	Total/NA
Sulfate	39.1		2.0	0.35	mg/L	1		300.0	Total/NA
Alkalinity, Bicarbonate	158		20.0	8.0	mg/L	2		310.2_ASP	Total/NA
Nitrate as N	0.090		0.050	0.020	mg/L	1		353.2	Total/NA
Dissolved Organic Carbon - Duplicate	2.1		1.0	0.43	mg/L	1		SM 5310C	Dissolved

Client Sample ID: MW8DD 032322 — Lab Sample ID: 480-196078-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	54.3		2.5	1.4	mg/L	5		300.0	Total/NA
Sulfate	113		10.0	1.7	mg/L	5		300.0	Total/NA
Alkalinity, Bicarbonate	240		50.0	20.0	mg/L	5		310.2_ASP	Total/NA
Nitrate as N	0.97		0.050	0.020	mg/L	1		353.2	Total/NA
Dissolved Organic Carbon - Duplicate	4.1		1.0	0.43	mg/L	1		SM 5310C	Dissolved

Client Sample ID: MW7S 032322 — Lab Sample ID: 480-196078-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Trichloroethene	0.93	J	1.0	0.46	ug/L	1		8260C	Total/NA
Chloride	33.5		1.0	0.56	mg/L	2		300.0	Total/NA
Sulfate	67.5		4.0	0.70	mg/L	2		300.0	Total/NA
Alkalinity, Bicarbonate	244		50.0	20.0	mg/L	5		310.2_ASP	Total/NA
Dissolved Organic Carbon - Duplicate	3.8		1.0	0.43	mg/L	1		SM 5310C	Dissolved

Client Sample ID: MW7DD 032322 — Lab Sample ID: 480-196078-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	32.3		1.0	0.56	mg/L	2		300.0	Total/NA
Sulfate	122		4.0	0.70	mg/L	2		300.0	Total/NA
Alkalinity, Bicarbonate	214		50.0	20.0	mg/L	5		310.2_ASP	Total/NA
Nitrate as N	0.23		0.050	0.020	mg/L	1		353.2	Total/NA
Dissolved Organic Carbon - Duplicate	4.9		1.0	0.43	mg/L	1		SM 5310C	Dissolved

Client Sample ID: X1 — Lab Sample ID: 480-196078-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	75.9		2.5	1.4	mg/L	5		300.0	Total/NA
Sulfate	106		10.0	1.7	mg/L	5		300.0	Total/NA
Alkalinity, Bicarbonate	265		50.0	20.0	mg/L	5		310.2_ASP	Total/NA
Nitrate as N	0.022	J	0.050	0.020	mg/L	1		353.2	Total/NA
Dissolved Organic Carbon - Duplicate	4.8		1.0	0.43	mg/L	1		SM 5310C	Dissolved

This Detection Summary does not include radiochemical test results.

Eurofins Buffalo

Detection Summary

Client: O'Brien & Gere Inc of North America
Project/Site: Forest Glen Monitoring

Job ID: 480-196078-1

Client Sample ID: MW7D 032322 — Lab Sample ID: 480-196078-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Trichloroethene	0.97	J	1.0	0.46	ug/L	1		8260C	Total/NA
Chloride	19.2		1.0	0.56	mg/L	2		300.0	Total/NA
Sulfate	46.1		4.0	0.70	mg/L	2		300.0	Total/NA
Alkalinity, Bicarbonate	205		30.0	12.0	mg/L	3		310.2_ASP	Total/NA
Nitrate as N	0.36		0.050	0.020	mg/L	1		353.2	Total/NA
Dissolved Organic Carbon - Duplicate	4.8		1.0	0.43	mg/L	1		SM 5310C	Dissolved

Client Sample ID: MW10S 032422 — Lab Sample ID: 480-196078-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	1.3		1.0	0.81	ug/L	1		8260C	Total/NA
Methyl tert-butyl ether	0.25	J	1.0	0.16	ug/L	1		8260C	Total/NA
Chloride	324		2.5	1.4	mg/L	5		300.0	Total/NA
Sulfate	244		10.0	1.7	mg/L	5		300.0	Total/NA
Alkalinity, Bicarbonate	281		50.0	20.0	mg/L	5		310.2_ASP	Total/NA
Dissolved Organic Carbon - Duplicate	4.1		1.0	0.43	mg/L	1		SM 5310C	Dissolved

Client Sample ID: MW10D 032422 — Lab Sample ID: 480-196078-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methyl tert-butyl ether	0.24	J	1.0	0.16	ug/L	1		8260C	Total/NA
Chloride	337		2.5	1.4	mg/L	5		300.0	Total/NA
Sulfate	238		10.0	1.7	mg/L	5		300.0	Total/NA
Alkalinity, Bicarbonate	281		50.0	20.0	mg/L	5		310.2_ASP	Total/NA
Nitrate as N	1.7		0.050	0.020	mg/L	1		353.2	Total/NA
Dissolved Organic Carbon - Duplicate	4.6		1.0	0.43	mg/L	1		SM 5310C	Dissolved

This Detection Summary does not include radiochemical test results.

Client: O'Brien & Gere Inc of North America
Project/Site: Forest Glen Monitoring

Job ID: 480-196078-1

Client Sample ID: MW8D 032322
Date Collected: 03/23/22 09:10
Date Received: 03/24/22 11:55

Lab Sample ID: 480-196078-1
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	ND		1.0	0.82	ug/L			03/24/22 20:44	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			03/24/22 20:44	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			03/24/22 20:44	1
1,1,2-Trichlorotrifluoroethane	ND		1.0	0.31	ug/L			03/24/22 20:44	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			03/24/22 20:44	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			03/24/22 20:44	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			03/24/22 20:44	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			03/24/22 20:44	1
1,2-Dibromoethane (EDB)	ND		1.0	0.73	ug/L			03/24/22 20:44	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			03/24/22 20:44	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			03/24/22 20:44	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			03/24/22 20:44	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			03/24/22 20:44	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			03/24/22 20:44	1
2-Hexanone	ND		5.0	1.2	ug/L			03/24/22 20:44	1
2-Butanone (MEK)	ND		10	1.3	ug/L			03/24/22 20:44	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			03/24/22 20:44	1
Acetone	ND		10	3.0	ug/L			03/24/22 20:44	1
Benzene	ND		1.0	0.41	ug/L			03/24/22 20:44	1
Bromodichloromethane	ND		1.0	0.39	ug/L			03/24/22 20:44	1
Bromoform	ND		1.0	0.26	ug/L			03/24/22 20:44	1
Bromomethane	ND		1.0	0.69	ug/L			03/24/22 20:44	1
Carbon disulfide	ND		1.0	0.19	ug/L			03/24/22 20:44	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			03/24/22 20:44	1
Chlorobenzene	ND		1.0	0.75	ug/L			03/24/22 20:44	1
Chlorodibromomethane	ND		1.0	0.32	ug/L			03/24/22 20:44	1
Chloroethane	ND	*1	1.0	0.32	ug/L			03/24/22 20:44	1
Chloroform	ND		1.0	0.34	ug/L			03/24/22 20:44	1
Chloromethane	ND		1.0	0.35	ug/L			03/24/22 20:44	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			03/24/22 20:44	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			03/24/22 20:44	1
Cyclohexane	ND		1.0	0.18	ug/L			03/24/22 20:44	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			03/24/22 20:44	1
Ethylbenzene	ND		1.0	0.74	ug/L			03/24/22 20:44	1
Isopropylbenzene	ND		1.0	0.79	ug/L			03/24/22 20:44	1
Methyl acetate	ND		1.3	1.3	ug/L			03/24/22 20:44	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			03/24/22 20:44	1
Methylcyclohexane	ND		1.0	0.16	ug/L			03/24/22 20:44	1
Methylene Chloride	ND		1.0	0.44	ug/L			03/24/22 20:44	1
Styrene	ND		1.0	0.73	ug/L			03/24/22 20:44	1
Tetrachloroethene	ND		1.0	0.36	ug/L			03/24/22 20:44	1
Toluene	ND		1.0	0.51	ug/L			03/24/22 20:44	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			03/24/22 20:44	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			03/24/22 20:44	1
Trichloroethene	ND		1.0	0.46	ug/L			03/24/22 20:44	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			03/24/22 20:44	1
Vinyl chloride	ND		1.0	0.90	ug/L			03/24/22 20:44	1
Xylenes, Total	ND		2.0	0.66	ug/L			03/24/22 20:44	1

Client: O'Brien & Gere Inc of North America
Project/Site: Forest Glen Monitoring

Job ID: 480-196078-1

Client Sample ID: MW8D 032322

Date Collected: 03/23/22 09:10
Date Received: 03/24/22 11:55

Lab Sample ID: 480-196078-1

Matrix: Water

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*97*		*77 - 120*		*03/24/22 20:44*	*1*
Toluene-d8 (Surr)	*103*		*80 - 120*		*03/24/22 20:44*	*1*
4-Bromofluorobenzene (Surr)	*91*		*73 - 120*		*03/24/22 20:44*	*1*
Dibromofluoromethane (Surr)	*91*		*75 - 123*		*03/24/22 20:44*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**73.5**		2.5	1.4	mg/L			03/31/22 08:16	5
Sulfate	**108**		10.0	1.7	mg/L			03/31/22 08:16	5
Alkalinity, Bicarbonate	**259**		50.0	20.0	mg/L			03/29/22 16:27	5
Nitrate as N	ND		0.050	0.020	mg/L			03/24/22 19:05	1
Nitrite as N	ND		0.050	0.020	mg/L			03/24/22 19:05	1
Sulfide	ND		1.0	0.67	mg/L			03/29/22 15:22	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dissolved Organic Carbon - Duplicate	**4.6**		1.0	0.43	mg/L			03/25/22 20:21	1

Client: O'Brien & Gere Inc of North America
Project/Site: Forest Glen Monitoring

Job ID: 480-196078-1

Client Sample ID: MW8S 032322

Date Collected: 03/23/22 10:45
Date Received: 03/24/22 11:55

Lab Sample ID: 480-196078-2

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	ND		1.0	0.82	ug/L			03/24/22 21:07	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			03/24/22 21:07	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			03/24/22 21:07	1
1,1,2-Trichlorotrifluoroethane	ND		1.0	0.31	ug/L			03/24/22 21:07	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			03/24/22 21:07	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			03/24/22 21:07	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			03/24/22 21:07	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			03/24/22 21:07	1
1,2-Dibromoethane (EDB)	ND		1.0	0.73	ug/L			03/24/22 21:07	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			03/24/22 21:07	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			03/24/22 21:07	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			03/24/22 21:07	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			03/24/22 21:07	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			03/24/22 21:07	1
2-Hexanone	ND		5.0	1.2	ug/L			03/24/22 21:07	1
2-Butanone (MEK)	ND		10	1.3	ug/L			03/24/22 21:07	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			03/24/22 21:07	1
Acetone	ND		10	3.0	ug/L			03/24/22 21:07	1
Benzene	ND		1.0	0.41	ug/L			03/24/22 21:07	1
Bromodichloromethane	ND		1.0	0.39	ug/L			03/24/22 21:07	1
Bromoform	ND		1.0	0.26	ug/L			03/24/22 21:07	1
Bromomethane	ND		1.0	0.69	ug/L			03/24/22 21:07	1
Carbon disulfide	ND		1.0	0.19	ug/L			03/24/22 21:07	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			03/24/22 21:07	1
Chlorobenzene	ND		1.0	0.75	ug/L			03/24/22 21:07	1
Chlorodibromomethane	ND		1.0	0.32	ug/L			03/24/22 21:07	1
Chloroethane	ND	*1	1.0	0.32	ug/L			03/24/22 21:07	1
Chloroform	ND		1.0	0.34	ug/L			03/24/22 21:07	1
Chloromethane	ND		1.0	0.35	ug/L			03/24/22 21:07	1
cis-1,2-Dichloroethene	**1.8**		1.0	0.81	ug/L			03/24/22 21:07	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			03/24/22 21:07	1
Cyclohexane	ND		1.0	0.18	ug/L			03/24/22 21:07	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			03/24/22 21:07	1
Ethylbenzene	ND		1.0	0.74	ug/L			03/24/22 21:07	1
Isopropylbenzene	ND		1.0	0.79	ug/L			03/24/22 21:07	1
Methyl acetate	ND		1.3	1.3	ug/L			03/24/22 21:07	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			03/24/22 21:07	1
Methylcyclohexane	ND		1.0	0.16	ug/L			03/24/22 21:07	1
Methylene Chloride	ND		1.0	0.44	ug/L			03/24/22 21:07	1
Styrene	ND		1.0	0.73	ug/L			03/24/22 21:07	1
Tetrachloroethene	**0.55**	**J**	1.0	0.36	ug/L			03/24/22 21:07	1
Toluene	ND		1.0	0.51	ug/L			03/24/22 21:07	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			03/24/22 21:07	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			03/24/22 21:07	1
Trichloroethene	**2.2**		1.0	0.46	ug/L			03/24/22 21:07	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			03/24/22 21:07	1
Vinyl chloride	ND		1.0	0.90	ug/L			03/24/22 21:07	1
Xylenes, Total	ND		2.0	0.66	ug/L			03/24/22 21:07	1

Client: O'Brien & Gere Inc of North America
Project/Site: Forest Glen Monitoring

Job ID: 480-196078-1

Client Sample ID: MW8S 032322

Date Collected: 03/23/22 10:45
Date Received: 03/24/22 11:55

Lab Sample ID: 480-196078-2

Matrix: Water

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*101*		*77 - 120*		*03/24/22 21:07*	*1*
Toluene-d8 (Surr)	*101*		*80 - 120*		*03/24/22 21:07*	*1*
4-Bromofluorobenzene (Surr)	*91*		*73 - 120*		*03/24/22 21:07*	*1*
Dibromofluoromethane (Surr)	*93*		*75 - 123*		*03/24/22 21:07*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**5.1**		0.50	0.28	mg/L			03/31/22 08:35	1
Sulfate	**39.1**		2.0	0.35	mg/L			03/31/22 08:35	1
Alkalinity, Bicarbonate	**158**		20.0	8.0	mg/L			03/29/22 16:15	2
Nitrate as N	**0.090**		0.050	0.020	mg/L			03/24/22 19:12	1
Nitrite as N	ND		0.050	0.020	mg/L			03/24/22 21:07	1
Sulfide	ND		1.0	0.67	mg/L			03/29/22 15:22	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dissolved Organic Carbon - Duplicate	**2.1**		1.0	0.43	mg/L			03/25/22 21:07	1

Client: O'Brien & Gere Inc of North America
Project/Site: Forest Glen Monitoring

Job ID: 480-196078-1

Client Sample ID: MW8DD 032322

Date Collected: 03/23/22 12:15
Date Received: 03/24/22 11:55

Lab Sample ID: 480-196078-3

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	ND		1.0	0.82	ug/L			03/24/22 21:30	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			03/24/22 21:30	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			03/24/22 21:30	1
1,1,2-Trichlorotrifluoroethane	ND		1.0	0.31	ug/L			03/24/22 21:30	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			03/24/22 21:30	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			03/24/22 21:30	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			03/24/22 21:30	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			03/24/22 21:30	1
1,2-Dibromoethane (EDB)	ND		1.0	0.73	ug/L			03/24/22 21:30	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			03/24/22 21:30	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			03/24/22 21:30	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			03/24/22 21:30	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			03/24/22 21:30	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			03/24/22 21:30	1
2-Hexanone	ND		5.0	1.2	ug/L			03/24/22 21:30	1
2-Butanone (MEK)	ND		10	1.3	ug/L			03/24/22 21:30	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			03/24/22 21:30	1
Acetone	ND		10	3.0	ug/L			03/24/22 21:30	1
Benzene	ND		1.0	0.41	ug/L			03/24/22 21:30	1
Bromodichloromethane	ND		1.0	0.39	ug/L			03/24/22 21:30	1
Bromoform	ND		1.0	0.26	ug/L			03/24/22 21:30	1
Bromomethane	ND		1.0	0.69	ug/L			03/24/22 21:30	1
Carbon disulfide	ND		1.0	0.19	ug/L			03/24/22 21:30	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			03/24/22 21:30	1
Chlorobenzene	ND		1.0	0.75	ug/L			03/24/22 21:30	1
Chlorodibromomethane	ND		1.0	0.32	ug/L			03/24/22 21:30	1
Chloroethane	ND	*1	1.0	0.32	ug/L			03/24/22 21:30	1
Chloroform	ND		1.0	0.34	ug/L			03/24/22 21:30	1
Chloromethane	ND		1.0	0.35	ug/L			03/24/22 21:30	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			03/24/22 21:30	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			03/24/22 21:30	1
Cyclohexane	ND		1.0	0.18	ug/L			03/24/22 21:30	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			03/24/22 21:30	1
Ethylbenzene	ND		1.0	0.74	ug/L			03/24/22 21:30	1
Isopropylbenzene	ND		1.0	0.79	ug/L			03/24/22 21:30	1
Methyl acetate	ND		1.3	1.3	ug/L			03/24/22 21:30	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			03/24/22 21:30	1
Methylcyclohexane	ND		1.0	0.16	ug/L			03/24/22 21:30	1
Methylene Chloride	ND		1.0	0.44	ug/L			03/24/22 21:30	1
Styrene	ND		1.0	0.73	ug/L			03/24/22 21:30	1
Tetrachloroethene	ND		1.0	0.36	ug/L			03/24/22 21:30	1
Toluene	ND		1.0	0.51	ug/L			03/24/22 21:30	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			03/24/22 21:30	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			03/24/22 21:30	1
Trichloroethene	ND		1.0	0.46	ug/L			03/24/22 21:30	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			03/24/22 21:30	1
Vinyl chloride	ND		1.0	0.90	ug/L			03/24/22 21:30	1
Xylenes, Total	ND		2.0	0.66	ug/L			03/24/22 21:30	1

Client: O'Brien & Gere Inc of North America
Project/Site: Forest Glen Monitoring

Job ID: 480-196078-1

Client Sample ID: MW8DD 032322

Date Collected: 03/23/22 12:15
Date Received: 03/24/22 11:55

Lab Sample ID: 480-196078-3

Matrix: Water

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*98*		*77 - 120*		*03/24/22 21:30*	*1*
Toluene-d8 (Surr)	*103*		*80 - 120*		*03/24/22 21:30*	*1*
4-Bromofluorobenzene (Surr)	*90*		*73 - 120*		*03/24/22 21:30*	*1*
Dibromofluoromethane (Surr)	*90*		*75 - 123*		*03/24/22 21:30*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**54.3**		2.5	1.4	mg/L			03/31/22 08:55	5
Sulfate	**113**		10.0	1.7	mg/L			03/31/22 08:55	5
Alkalinity, Bicarbonate	**240**		50.0	20.0	mg/L			03/29/22 16:28	5
Nitrate as N	**0.97**		0.050	0.020	mg/L			03/24/22 19:26	1
Nitrite as N	ND		0.050	0.020	mg/L			03/24/22 21:17	1
Sulfide	ND		1.0	0.67	mg/L			03/29/22 15:22	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dissolved Organic Carbon - Duplicate	**4.1**		1.0	0.43	mg/L			03/25/22 21:22	1

Client: O'Brien & Gere Inc of North America
Project/Site: Forest Glen Monitoring

Job ID: 480-196078-1

Client Sample ID: MW7S 032322
Date Collected: 03/23/22 11:50
Date Received: 03/24/22 11:55

Lab Sample ID: 480-196078-4
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	ND		1.0	0.82	ug/L			03/24/22 21:53	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			03/24/22 21:53	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			03/24/22 21:53	1
1,1,2-Trichlorotrifluoroethane	ND		1.0	0.31	ug/L			03/24/22 21:53	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			03/24/22 21:53	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			03/24/22 21:53	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			03/24/22 21:53	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			03/24/22 21:53	1
1,2-Dibromoethane (EDB)	ND		1.0	0.73	ug/L			03/24/22 21:53	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			03/24/22 21:53	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			03/24/22 21:53	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			03/24/22 21:53	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			03/24/22 21:53	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			03/24/22 21:53	1
2-Hexanone	ND		5.0	1.2	ug/L			03/24/22 21:53	1
2-Butanone (MEK)	ND		10	1.3	ug/L			03/24/22 21:53	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			03/24/22 21:53	1
Acetone	ND		10	3.0	ug/L			03/24/22 21:53	1
Benzene	ND		1.0	0.41	ug/L			03/24/22 21:53	1
Bromodichloromethane	ND		1.0	0.39	ug/L			03/24/22 21:53	1
Bromoform	ND		1.0	0.26	ug/L			03/24/22 21:53	1
Bromomethane	ND		1.0	0.69	ug/L			03/24/22 21:53	1
Carbon disulfide	ND		1.0	0.19	ug/L			03/24/22 21:53	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			03/24/22 21:53	1
Chlorobenzene	ND		1.0	0.75	ug/L			03/24/22 21:53	1
Chlorodibromomethane	ND		1.0	0.32	ug/L			03/24/22 21:53	1
Chloroethane	ND	*1	1.0	0.32	ug/L			03/24/22 21:53	1
Chloroform	ND		1.0	0.34	ug/L			03/24/22 21:53	1
Chloromethane	ND		1.0	0.35	ug/L			03/24/22 21:53	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			03/24/22 21:53	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			03/24/22 21:53	1
Cyclohexane	ND		1.0	0.18	ug/L			03/24/22 21:53	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			03/24/22 21:53	1
Ethylbenzene	ND		1.0	0.74	ug/L			03/24/22 21:53	1
Isopropylbenzene	ND		1.0	0.79	ug/L			03/24/22 21:53	1
Methyl acetate	ND		1.3	1.3	ug/L			03/24/22 21:53	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			03/24/22 21:53	1
Methylcyclohexane	ND		1.0	0.16	ug/L			03/24/22 21:53	1
Methylene Chloride	ND		1.0	0.44	ug/L			03/24/22 21:53	1
Styrene	ND		1.0	0.73	ug/L			03/24/22 21:53	1
Tetrachloroethene	ND		1.0	0.36	ug/L			03/24/22 21:53	1
Toluene	ND		1.0	0.51	ug/L			03/24/22 21:53	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			03/24/22 21:53	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			03/24/22 21:53	1
Trichloroethene	**0.93**	**J**	1.0	0.46	ug/L			03/24/22 21:53	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			03/24/22 21:53	1
Vinyl chloride	ND		1.0	0.90	ug/L			03/24/22 21:53	1
Xylenes, Total	ND		2.0	0.66	ug/L			03/24/22 21:53	1

Client: O'Brien & Gere Inc of North America
Project/Site: Forest Glen Monitoring

Job ID: 480-196078-1

Client Sample ID: MW7S 032322

Date Collected: 03/23/22 11:50
Date Received: 03/24/22 11:55

Lab Sample ID: 480-196078-4

Matrix: Water

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*99*		*77 - 120*		*03/24/22 21:53*	*1*
Toluene-d8 (Surr)	*98*		*80 - 120*		*03/24/22 21:53*	*1*
4-Bromofluorobenzene (Surr)	*88*		*73 - 120*		*03/24/22 21:53*	*1*
Dibromofluoromethane (Surr)	*92*		*75 - 123*		*03/24/22 21:53*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**33.5**		1.0	0.56	mg/L			03/31/22 11:42	2
Sulfate	**67.5**		4.0	0.70	mg/L			03/31/22 11:42	2
Alkalinity, Bicarbonate	**244**		50.0	20.0	mg/L			03/29/22 16:28	5
Nitrate as N	ND		0.050	0.020	mg/L			03/24/22 19:24	1
Nitrite as N	ND		0.050	0.020	mg/L			03/24/22 19:24	1
Sulfide	ND		1.0	0.67	mg/L			03/29/22 15:22	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dissolved Organic Carbon - Duplicate	**3.8**		1.0	0.43	mg/L			03/25/22 21:37	1

Client: O'Brien & Gere Inc of North America
Project/Site: Forest Glen Monitoring

Job ID: 480-196078-1

Client Sample ID: MW7DD 032322
Date Collected: 03/23/22 10:35
Date Received: 03/24/22 11:55

Lab Sample ID: 480-196078-5
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	ND		1.0	0.82	ug/L			03/24/22 22:16	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			03/24/22 22:16	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			03/24/22 22:16	1
1,1,2-Trichlorotrifluoroethane	ND		1.0	0.31	ug/L			03/24/22 22:16	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			03/24/22 22:16	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			03/24/22 22:16	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			03/24/22 22:16	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			03/24/22 22:16	1
1,2-Dibromoethane (EDB)	ND		1.0	0.73	ug/L			03/24/22 22:16	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			03/24/22 22:16	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			03/24/22 22:16	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			03/24/22 22:16	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			03/24/22 22:16	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			03/24/22 22:16	1
2-Hexanone	ND		5.0	1.2	ug/L			03/24/22 22:16	1
2-Butanone (MEK)	ND		10	1.3	ug/L			03/24/22 22:16	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			03/24/22 22:16	1
Acetone	ND		10	3.0	ug/L			03/24/22 22:16	1
Benzene	ND		1.0	0.41	ug/L			03/24/22 22:16	1
Bromodichloromethane	ND		1.0	0.39	ug/L			03/24/22 22:16	1
Bromoform	ND		1.0	0.26	ug/L			03/24/22 22:16	1
Bromomethane	ND		1.0	0.69	ug/L			03/24/22 22:16	1
Carbon disulfide	ND		1.0	0.19	ug/L			03/24/22 22:16	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			03/24/22 22:16	1
Chlorobenzene	ND		1.0	0.75	ug/L			03/24/22 22:16	1
Chlorodibromomethane	ND		1.0	0.32	ug/L			03/24/22 22:16	1
Chloroethane	ND	*1	1.0	0.32	ug/L			03/24/22 22:16	1
Chloroform	ND		1.0	0.34	ug/L			03/24/22 22:16	1
Chloromethane	ND		1.0	0.35	ug/L			03/24/22 22:16	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			03/24/22 22:16	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			03/24/22 22:16	1
Cyclohexane	ND		1.0	0.18	ug/L			03/24/22 22:16	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			03/24/22 22:16	1
Ethylbenzene	ND		1.0	0.74	ug/L			03/24/22 22:16	1
Isopropylbenzene	ND		1.0	0.79	ug/L			03/24/22 22:16	1
Methyl acetate	ND		1.3	1.3	ug/L			03/24/22 22:16	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			03/24/22 22:16	1
Methylcyclohexane	ND		1.0	0.16	ug/L			03/24/22 22:16	1
Methylene Chloride	ND		1.0	0.44	ug/L			03/24/22 22:16	1
Styrene	ND		1.0	0.73	ug/L			03/24/22 22:16	1
Tetrachloroethene	ND		1.0	0.36	ug/L			03/24/22 22:16	1
Toluene	ND		1.0	0.51	ug/L			03/24/22 22:16	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			03/24/22 22:16	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			03/24/22 22:16	1
Trichloroethene	ND		1.0	0.46	ug/L			03/24/22 22:16	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			03/24/22 22:16	1
Vinyl chloride	ND		1.0	0.90	ug/L			03/24/22 22:16	1
Xylenes, Total	ND		2.0	0.66	ug/L			03/24/22 22:16	1

Client: O'Brien & Gere Inc of North America
Project/Site: Forest Glen Monitoring

Job ID: 480-196078-1

Client Sample ID: MW7DD 032322

Date Collected: 03/23/22 10:35
Date Received: 03/24/22 11:55

Lab Sample ID: 480-196078-5

Matrix: Water

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*100*		*77 - 120*		*03/24/22 22:16*	*1*
Toluene-d8 (Surr)	*102*		*80 - 120*		*03/24/22 22:16*	*1*
4-Bromofluorobenzene (Surr)	*91*		*73 - 120*		*03/24/22 22:16*	*1*
Dibromofluoromethane (Surr)	*94*		*75 - 123*		*03/24/22 22:16*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**32.3**		1.0	0.56	mg/L			03/31/22 11:56	2
Sulfate	**122**		4.0	0.70	mg/L			03/31/22 11:56	2
Alkalinity, Bicarbonate	**214**		50.0	20.0	mg/L			03/29/22 16:28	5
Nitrate as N	**0.23**		0.050	0.020	mg/L			03/24/22 19:10	1
Nitrite as N	ND		0.050	0.020	mg/L			03/24/22 21:06	1
Sulfide	ND		1.0	0.67	mg/L			03/29/22 15:22	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dissolved Organic Carbon - Duplicate	**4.9**		1.0	0.43	mg/L			03/25/22 21:52	1

Client: O'Brien & Gere Inc of North America
Project/Site: Forest Glen Monitoring

Job ID: 480-196078-1

Client Sample ID: X1
Date Collected: 03/23/22 00:00
Date Received: 03/24/22 11:55

Lab Sample ID: 480-196078-6
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	ND		1.0	0.82	ug/L			03/24/22 22:39	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			03/24/22 22:39	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			03/24/22 22:39	1
1,1,2-Trichlorotrifluoroethane	ND		1.0	0.31	ug/L			03/24/22 22:39	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			03/24/22 22:39	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			03/24/22 22:39	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			03/24/22 22:39	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			03/24/22 22:39	1
1,2-Dibromoethane (EDB)	ND		1.0	0.73	ug/L			03/24/22 22:39	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			03/24/22 22:39	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			03/24/22 22:39	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			03/24/22 22:39	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			03/24/22 22:39	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			03/24/22 22:39	1
2-Hexanone	ND		5.0	1.2	ug/L			03/24/22 22:39	1
2-Butanone (MEK)	ND		10	1.3	ug/L			03/24/22 22:39	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			03/24/22 22:39	1
Acetone	ND		10	3.0	ug/L			03/24/22 22:39	1
Benzene	ND		1.0	0.41	ug/L			03/24/22 22:39	1
Bromodichloromethane	ND		1.0	0.39	ug/L			03/24/22 22:39	1
Bromoform	ND		1.0	0.26	ug/L			03/24/22 22:39	1
Bromomethane	ND		1.0	0.69	ug/L			03/24/22 22:39	1
Carbon disulfide	ND		1.0	0.19	ug/L			03/24/22 22:39	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			03/24/22 22:39	1
Chlorobenzene	ND		1.0	0.75	ug/L			03/24/22 22:39	1
Chlorodibromomethane	ND		1.0	0.32	ug/L			03/24/22 22:39	1
Chloroethane	ND	*1	1.0	0.32	ug/L			03/24/22 22:39	1
Chloroform	ND		1.0	0.34	ug/L			03/24/22 22:39	1
Chloromethane	ND		1.0	0.35	ug/L			03/24/22 22:39	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			03/24/22 22:39	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			03/24/22 22:39	1
Cyclohexane	ND		1.0	0.18	ug/L			03/24/22 22:39	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			03/24/22 22:39	1
Ethylbenzene	ND		1.0	0.74	ug/L			03/24/22 22:39	1
Isopropylbenzene	ND		1.0	0.79	ug/L			03/24/22 22:39	1
Methyl acetate	ND		1.3	1.3	ug/L			03/24/22 22:39	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			03/24/22 22:39	1
Methylcyclohexane	ND		1.0	0.16	ug/L			03/24/22 22:39	1
Methylene Chloride	ND		1.0	0.44	ug/L			03/24/22 22:39	1
Styrene	ND		1.0	0.73	ug/L			03/24/22 22:39	1
Tetrachloroethene	ND		1.0	0.36	ug/L			03/24/22 22:39	1
Toluene	ND		1.0	0.51	ug/L			03/24/22 22:39	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			03/24/22 22:39	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			03/24/22 22:39	1
Trichloroethene	ND		1.0	0.46	ug/L			03/24/22 22:39	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			03/24/22 22:39	1
Vinyl chloride	ND		1.0	0.90	ug/L			03/24/22 22:39	1
Xylenes, Total	ND		2.0	0.66	ug/L			03/24/22 22:39	1

Client: O'Brien & Gere Inc of North America
Project/Site: Forest Glen Monitoring

Job ID: 480-196078-1

Client Sample ID: X1

Date Collected: 03/23/22 00:00
Date Received: 03/24/22 11:55

Lab Sample ID: 480-196078-6

Matrix: Water

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*98*		*77 - 120*		*03/24/22 22:39*	*1*
Toluene-d8 (Surr)	*101*		*80 - 120*		*03/24/22 22:39*	*1*
4-Bromofluorobenzene (Surr)	*89*		*73 - 120*		*03/24/22 22:39*	*1*
Dibromofluoromethane (Surr)	*91*		*75 - 123*		*03/24/22 22:39*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**75.9**		2.5	1.4	mg/L			03/31/22 12:10	5
Sulfate	**106**		10.0	1.7	mg/L			03/31/22 12:10	5
Alkalinity, Bicarbonate	**265**		50.0	20.0	mg/L			03/29/22 16:28	5
Nitrate as N	**0.022**	**J**	0.050	0.020	mg/L			03/24/22 18:59	1
Nitrite as N	ND		0.050	0.020	mg/L			03/24/22 18:59	1
Sulfide	ND		1.0	0.67	mg/L			03/30/22 16:20	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dissolved Organic Carbon - Duplicate	**4.8**		1.0	0.43	mg/L			03/25/22 23:27	1

Client: O'Brien & Gere Inc of North America
Project/Site: Forest Glen Monitoring

Job ID: 480-196078-1

Client Sample ID: MW7D 032322
Date Collected: 03/23/22 13:20
Date Received: 03/24/22 11:55

Lab Sample ID: 480-196078-7
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	ND		1.0	0.82	ug/L			03/24/22 23:02	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			03/24/22 23:02	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			03/24/22 23:02	1
1,1,2-Trichlorotrifluoroethane	ND		1.0	0.31	ug/L			03/24/22 23:02	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			03/24/22 23:02	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			03/24/22 23:02	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			03/24/22 23:02	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			03/24/22 23:02	1
1,2-Dibromoethane (EDB)	ND		1.0	0.73	ug/L			03/24/22 23:02	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			03/24/22 23:02	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			03/24/22 23:02	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			03/24/22 23:02	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			03/24/22 23:02	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			03/24/22 23:02	1
2-Hexanone	ND		5.0	1.2	ug/L			03/24/22 23:02	1
2-Butanone (MEK)	ND		10	1.3	ug/L			03/24/22 23:02	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			03/24/22 23:02	1
Acetone	ND		10	3.0	ug/L			03/24/22 23:02	1
Benzene	ND		1.0	0.41	ug/L			03/24/22 23:02	1
Bromodichloromethane	ND		1.0	0.39	ug/L			03/24/22 23:02	1
Bromoform	ND		1.0	0.26	ug/L			03/24/22 23:02	1
Bromomethane	ND		1.0	0.69	ug/L			03/24/22 23:02	1
Carbon disulfide	ND		1.0	0.19	ug/L			03/24/22 23:02	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			03/24/22 23:02	1
Chlorobenzene	ND		1.0	0.75	ug/L			03/24/22 23:02	1
Chlorodibromomethane	ND		1.0	0.32	ug/L			03/24/22 23:02	1
Chloroethane	ND	*1	1.0	0.32	ug/L			03/24/22 23:02	1
Chloroform	ND		1.0	0.34	ug/L			03/24/22 23:02	1
Chloromethane	ND		1.0	0.35	ug/L			03/24/22 23:02	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			03/24/22 23:02	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			03/24/22 23:02	1
Cyclohexane	ND		1.0	0.18	ug/L			03/24/22 23:02	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			03/24/22 23:02	1
Ethylbenzene	ND		1.0	0.74	ug/L			03/24/22 23:02	1
Isopropylbenzene	ND		1.0	0.79	ug/L			03/24/22 23:02	1
Methyl acetate	ND		1.3	1.3	ug/L			03/24/22 23:02	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			03/24/22 23:02	1
Methylcyclohexane	ND		1.0	0.16	ug/L			03/24/22 23:02	1
Methylene Chloride	ND		1.0	0.44	ug/L			03/24/22 23:02	1
Styrene	ND		1.0	0.73	ug/L			03/24/22 23:02	1
Tetrachloroethene	ND		1.0	0.36	ug/L			03/24/22 23:02	1
Toluene	ND		1.0	0.51	ug/L			03/24/22 23:02	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			03/24/22 23:02	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			03/24/22 23:02	1
Trichloroethene	**0.97**	**J**	1.0	0.46	ug/L			03/24/22 23:02	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			03/24/22 23:02	1
Vinyl chloride	ND		1.0	0.90	ug/L			03/24/22 23:02	1
Xylenes, Total	ND		2.0	0.66	ug/L			03/24/22 23:02	1

Client: O'Brien & Gere Inc of North America
Project/Site: Forest Glen Monitoring

Job ID: 480-196078-1

Client Sample ID: MW7D 032322

Date Collected: 03/23/22 13:20
Date Received: 03/24/22 11:55

Lab Sample ID: 480-196078-7

Matrix: Water

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*99*		*77 - 120*		*03/24/22 23:02*	*1*
Toluene-d8 (Surr)	*102*		*80 - 120*		*03/24/22 23:02*	*1*
4-Bromofluorobenzene (Surr)	*92*		*73 - 120*		*03/24/22 23:02*	*1*
Dibromofluoromethane (Surr)	*94*		*75 - 123*		*03/24/22 23:02*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**19.2**		1.0	0.56	mg/L			03/31/22 12:24	2
Sulfate	**46.1**		4.0	0.70	mg/L			03/31/22 12:24	2
Alkalinity, Bicarbonate	**205**		30.0	12.0	mg/L			03/29/22 16:59	3
Nitrate as N	**0.36**		0.050	0.020	mg/L			03/24/22 19:27	1
Nitrite as N	ND		0.050	0.020	mg/L			03/24/22 21:18	1
Sulfide	ND		1.0	0.67	mg/L			03/30/22 16:20	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dissolved Organic Carbon - Duplicate	**4.8**		1.0	0.43	mg/L			03/25/22 23:42	1

Client: O'Brien & Gere Inc of North America
Project/Site: Forest Glen Monitoring

Job ID: 480-196078-1

Client Sample ID: MW10S 032422
Date Collected: 03/24/22 08:55
Date Received: 03/24/22 11:55

Lab Sample ID: 480-196078-8
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	ND		1.0	0.82	ug/L			03/24/22 23:25	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			03/24/22 23:25	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			03/24/22 23:25	1
1,1,2-Trichlorotrifluoroethane	ND		1.0	0.31	ug/L			03/24/22 23:25	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			03/24/22 23:25	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			03/24/22 23:25	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			03/24/22 23:25	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			03/24/22 23:25	1
1,2-Dibromoethane (EDB)	ND		1.0	0.73	ug/L			03/24/22 23:25	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			03/24/22 23:25	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			03/24/22 23:25	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			03/24/22 23:25	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			03/24/22 23:25	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			03/24/22 23:25	1
2-Hexanone	ND		5.0	1.2	ug/L			03/24/22 23:25	1
2-Butanone (MEK)	ND		10	1.3	ug/L			03/24/22 23:25	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			03/24/22 23:25	1
Acetone	ND		10	3.0	ug/L			03/24/22 23:25	1
Benzene	ND		1.0	0.41	ug/L			03/24/22 23:25	1
Bromodichloromethane	ND		1.0	0.39	ug/L			03/24/22 23:25	1
Bromoform	ND		1.0	0.26	ug/L			03/24/22 23:25	1
Bromomethane	ND		1.0	0.69	ug/L			03/24/22 23:25	1
Carbon disulfide	ND		1.0	0.19	ug/L			03/24/22 23:25	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			03/24/22 23:25	1
Chlorobenzene	ND		1.0	0.75	ug/L			03/24/22 23:25	1
Chlorodibromomethane	ND		1.0	0.32	ug/L			03/24/22 23:25	1
Chloroethane	ND	*1	1.0	0.32	ug/L			03/24/22 23:25	1
Chloroform	ND		1.0	0.34	ug/L			03/24/22 23:25	1
Chloromethane	ND		1.0	0.35	ug/L			03/24/22 23:25	1
cis-1,2-Dichloroethene	**1.3**		1.0	0.81	ug/L			03/24/22 23:25	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			03/24/22 23:25	1
Cyclohexane	ND		1.0	0.18	ug/L			03/24/22 23:25	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			03/24/22 23:25	1
Ethylbenzene	ND		1.0	0.74	ug/L			03/24/22 23:25	1
Isopropylbenzene	ND		1.0	0.79	ug/L			03/24/22 23:25	1
Methyl acetate	ND		1.3	1.3	ug/L			03/24/22 23:25	1
Methyl tert-butyl ether	**0.25**	**J**	1.0	0.16	ug/L			03/24/22 23:25	1
Methylcyclohexane	ND		1.0	0.16	ug/L			03/24/22 23:25	1
Methylene Chloride	ND		1.0	0.44	ug/L			03/24/22 23:25	1
Styrene	ND		1.0	0.73	ug/L			03/24/22 23:25	1
Tetrachloroethene	ND		1.0	0.36	ug/L			03/24/22 23:25	1
Toluene	ND		1.0	0.51	ug/L			03/24/22 23:25	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			03/24/22 23:25	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			03/24/22 23:25	1
Trichloroethene	ND		1.0	0.46	ug/L			03/24/22 23:25	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			03/24/22 23:25	1
Vinyl chloride	ND		1.0	0.90	ug/L			03/24/22 23:25	1
Xylenes, Total	ND		2.0	0.66	ug/L			03/24/22 23:25	1

Client: O'Brien & Gere Inc of North America
Project/Site: Forest Glen Monitoring

Job ID: 480-196078-1

Client Sample ID: MW10S 032422

Date Collected: 03/24/22 08:55
Date Received: 03/24/22 11:55

Lab Sample ID: 480-196078-8

Matrix: Water

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*97*		*77 - 120*		*03/24/22 23:25*	*1*
Toluene-d8 (Surr)	*104*		*80 - 120*		*03/24/22 23:25*	*1*
4-Bromofluorobenzene (Surr)	*89*		*73 - 120*		*03/24/22 23:25*	*1*
Dibromofluoromethane (Surr)	*91*		*75 - 123*		*03/24/22 23:25*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**324**		2.5	1.4	mg/L			03/31/22 12:38	5
Sulfate	**244**		10.0	1.7	mg/L			03/31/22 12:38	5
Alkalinity, Bicarbonate	**281**		50.0	20.0	mg/L			03/29/22 16:29	5
Nitrate as N	ND		0.050	0.020	mg/L			03/24/22 19:37	1
Nitrite as N	ND		0.050	0.020	mg/L			03/24/22 19:37	1
Sulfide	ND		1.0	0.67	mg/L			03/30/22 16:20	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dissolved Organic Carbon - Duplicate	**4.1**		1.0	0.43	mg/L			03/25/22 23:57	1

Client: O'Brien & Gere Inc of North America
Project/Site: Forest Glen Monitoring

Job ID: 480-196078-1

Client Sample ID: MW10D 032422
Date Collected: 03/24/22 08:58
Date Received: 03/24/22 11:55

Lab Sample ID: 480-196078-9
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	ND		1.0	0.82	ug/L			03/24/22 23:48	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			03/24/22 23:48	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			03/24/22 23:48	1
1,1,2-Trichlorotrifluoroethane	ND		1.0	0.31	ug/L			03/24/22 23:48	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			03/24/22 23:48	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			03/24/22 23:48	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			03/24/22 23:48	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			03/24/22 23:48	1
1,2-Dibromoethane (EDB)	ND		1.0	0.73	ug/L			03/24/22 23:48	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			03/24/22 23:48	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			03/24/22 23:48	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			03/24/22 23:48	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			03/24/22 23:48	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			03/24/22 23:48	1
2-Hexanone	ND		5.0	1.2	ug/L			03/24/22 23:48	1
2-Butanone (MEK)	ND		10	1.3	ug/L			03/24/22 23:48	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			03/24/22 23:48	1
Acetone	ND		10	3.0	ug/L			03/24/22 23:48	1
Benzene	ND		1.0	0.41	ug/L			03/24/22 23:48	1
Bromodichloromethane	ND		1.0	0.39	ug/L			03/24/22 23:48	1
Bromoform	ND		1.0	0.26	ug/L			03/24/22 23:48	1
Bromomethane	ND		1.0	0.69	ug/L			03/24/22 23:48	1
Carbon disulfide	ND		1.0	0.19	ug/L			03/24/22 23:48	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			03/24/22 23:48	1
Chlorobenzene	ND		1.0	0.75	ug/L			03/24/22 23:48	1
Chlorodibromomethane	ND		1.0	0.32	ug/L			03/24/22 23:48	1
Chloroethane	ND	*1	1.0	0.32	ug/L			03/24/22 23:48	1
Chloroform	ND		1.0	0.34	ug/L			03/24/22 23:48	1
Chloromethane	ND		1.0	0.35	ug/L			03/24/22 23:48	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			03/24/22 23:48	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			03/24/22 23:48	1
Cyclohexane	ND		1.0	0.18	ug/L			03/24/22 23:48	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			03/24/22 23:48	1
Ethylbenzene	ND		1.0	0.74	ug/L			03/24/22 23:48	1
Isopropylbenzene	ND		1.0	0.79	ug/L			03/24/22 23:48	1
Methyl acetate	ND		1.3	1.3	ug/L			03/24/22 23:48	1
Methyl tert-butyl ether	**0.24**	**J**	1.0	0.16	ug/L			03/24/22 23:48	1
Methylcyclohexane	ND		1.0	0.16	ug/L			03/24/22 23:48	1
Methylene Chloride	ND		1.0	0.44	ug/L			03/24/22 23:48	1
Styrene	ND		1.0	0.73	ug/L			03/24/22 23:48	1
Tetrachloroethene	ND		1.0	0.36	ug/L			03/24/22 23:48	1
Toluene	ND		1.0	0.51	ug/L			03/24/22 23:48	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			03/24/22 23:48	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			03/24/22 23:48	1
Trichloroethene	ND		1.0	0.46	ug/L			03/24/22 23:48	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			03/24/22 23:48	1
Vinyl chloride	ND		1.0	0.90	ug/L			03/24/22 23:48	1
Xylenes, Total	ND		2.0	0.66	ug/L			03/24/22 23:48	1

Client: O'Brien & Gere Inc of North America
Project/Site: Forest Glen Monitoring

Job ID: 480-196078-1

Client Sample ID: MW10D 032422

Date Collected: 03/24/22 08:58
Date Received: 03/24/22 11:55

Lab Sample ID: 480-196078-9

Matrix: Water

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*100*		*77 - 120*		*03/24/22 23:48*	*1*
Toluene-d8 (Surr)	*104*		*80 - 120*		*03/24/22 23:48*	*1*
4-Bromofluorobenzene (Surr)	*91*		*73 - 120*		*03/24/22 23:48*	*1*
Dibromofluoromethane (Surr)	*92*		*75 - 123*		*03/24/22 23:48*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**337**		2.5	1.4	mg/L			03/31/22 12:52	5
Sulfate	**238**		10.0	1.7	mg/L			03/31/22 12:52	5
Alkalinity, Bicarbonate	**281**		50.0	20.0	mg/L			03/29/22 16:29	5
Nitrate as N	**1.7**		0.050	0.020	mg/L			03/24/22 19:28	1
Nitrite as N	ND		0.050	0.020	mg/L			03/24/22 21:20	1
Sulfide	ND		1.0	0.67	mg/L			03/30/22 16:20	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dissolved Organic Carbon - Duplicate	**4.6**		1.0	0.43	mg/L			03/26/22 00:12	1

Surrogate Summary

Client: O'Brien & Gere Inc of North America
Project/Site: Forest Glen Monitoring

Job ID: 480-196078-1

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

Matrix: Water

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)			
		DCA	TOL	BFB	DBFM
Lab Sample ID	Client Sample ID	(77-120)	(80-120)	(73-120)	(75-123)
480-196078-1	MW8D 032322	97	103	91	91
480-196078-2	MW8S 032322	101	101	91	93
480-196078-3	MW8DD 032322	98	103	90	90
480-196078-4	MW7S 032322	99	98	88	92
480-196078-5	MW7DD 032322	100	102	91	94
480-196078-6	X1	98	101	89	91
480-196078-7	MW7D 032322	99	102	92	94
480-196078-8	MW10S 032422	97	104	89	91
480-196078-9	MW10D 032422	100	104	91	92
LCS 480-618965/5	Lab Control Sample	93	106	96	92
LCSD 480-618965/31	Lab Control Sample Dup	93	103	93	88
MB 480-618965/9	Method Blank	95	105	93	90

Surrogate Legend

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

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

Lab Sample ID: MB 480-618965/9
Matrix: Water
Analysis Batch: 618965

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	ND		1.0	0.82	ug/L			03/24/22 15:57	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			03/24/22 15:57	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			03/24/22 15:57	1
1,1,2-Trichlorotrifluoroethane	ND		1.0	0.31	ug/L			03/24/22 15:57	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			03/24/22 15:57	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			03/24/22 15:57	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			03/24/22 15:57	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			03/24/22 15:57	1
1,2-Dibromoethane (EDB)	ND		1.0	0.73	ug/L			03/24/22 15:57	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			03/24/22 15:57	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			03/24/22 15:57	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			03/24/22 15:57	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			03/24/22 15:57	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			03/24/22 15:57	1
2-Hexanone	ND		5.0	1.2	ug/L			03/24/22 15:57	1
2-Butanone (MEK)	ND		10	1.3	ug/L			03/24/22 15:57	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			03/24/22 15:57	1
Acetone	ND		10	3.0	ug/L			03/24/22 15:57	1
Benzene	ND		1.0	0.41	ug/L			03/24/22 15:57	1
Bromodichloromethane	ND		1.0	0.39	ug/L			03/24/22 15:57	1
Bromoform	ND		1.0	0.26	ug/L			03/24/22 15:57	1
Bromomethane	ND		1.0	0.69	ug/L			03/24/22 15:57	1
Carbon disulfide	ND		1.0	0.19	ug/L			03/24/22 15:57	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			03/24/22 15:57	1
Chlorobenzene	ND		1.0	0.75	ug/L			03/24/22 15:57	1
Chlorodibromomethane	ND		1.0	0.32	ug/L			03/24/22 15:57	1
Chloroethane	ND		1.0	0.32	ug/L			03/24/22 15:57	1
Chloroform	ND		1.0	0.34	ug/L			03/24/22 15:57	1
Chloromethane	ND		1.0	0.35	ug/L			03/24/22 15:57	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			03/24/22 15:57	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			03/24/22 15:57	1
Cyclohexane	ND		1.0	0.18	ug/L			03/24/22 15:57	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			03/24/22 15:57	1
Ethylbenzene	ND		1.0	0.74	ug/L			03/24/22 15:57	1
Isopropylbenzene	ND		1.0	0.79	ug/L			03/24/22 15:57	1
Methyl acetate	ND		1.3	1.3	ug/L			03/24/22 15:57	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			03/24/22 15:57	1
Methylcyclohexane	ND		1.0	0.16	ug/L			03/24/22 15:57	1
Methylene Chloride	ND		1.0	0.44	ug/L			03/24/22 15:57	1
Styrene	ND		1.0	0.73	ug/L			03/24/22 15:57	1
Tetrachloroethene	ND		1.0	0.36	ug/L			03/24/22 15:57	1
Toluene	ND		1.0	0.51	ug/L			03/24/22 15:57	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			03/24/22 15:57	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			03/24/22 15:57	1
Trichloroethene	ND		1.0	0.46	ug/L			03/24/22 15:57	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			03/24/22 15:57	1
Vinyl chloride	ND		1.0	0.90	ug/L			03/24/22 15:57	1
Xylenes, Total	ND		2.0	0.66	ug/L			03/24/22 15:57	1

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

Lab Sample ID: MB 480-618965/9
Matrix: Water
Analysis Batch: 618965

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

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	*95*		*77 - 120*		*03/24/22 15:57*	*1*
Toluene-d8 (Surr)	*105*		*80 - 120*		*03/24/22 15:57*	*1*
4-Bromofluorobenzene (Surr)	*93*		*73 - 120*		*03/24/22 15:57*	*1*
Dibromofluoromethane (Surr)	*90*		*75 - 123*		*03/24/22 15:57*	*1*

Lab Sample ID: LCS 480-618965/5
Matrix: Water
Analysis Batch: 618965

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	24.7		ug/L		99	73 - 126
1,1,2,2-Tetrachloroethane	25.0	27.3		ug/L		109	76 - 120
1,1,2-Trichloroethane	25.0	25.3		ug/L		101	76 - 122
1,1,2-Trichlorotrifluoroethane	25.0	26.9		ug/L		107	61 - 148
1,1-Dichloroethane	25.0	25.3		ug/L		101	77 - 120
1,1-Dichloroethene	25.0	25.9		ug/L		103	66 - 127
1,2,4-Trichlorobenzene	25.0	27.2		ug/L		109	79 - 122
1,2-Dibromo-3-Chloropropane	25.0	27.4		ug/L		110	56 - 134
1,2-Dibromoethane (EDB)	25.0	24.4		ug/L		98	77 - 120
1,2-Dichlorobenzene	25.0	25.6		ug/L		102	80 - 124
1,2-Dichloroethane	25.0	24.1		ug/L		96	75 - 120
1,2-Dichloropropane	25.0	24.5		ug/L		98	76 - 120
1,3-Dichlorobenzene	25.0	25.9		ug/L		104	77 - 120
1,4-Dichlorobenzene	25.0	25.6		ug/L		102	80 - 120
2-Hexanone	125	136		ug/L		109	65 - 127
2-Butanone (MEK)	125	112		ug/L		90	57 - 140
4-Methyl-2-pentanone (MIBK)	125	130		ug/L		104	71 - 125
Acetone	125	114		ug/L		91	56 - 142
Benzene	25.0	24.9		ug/L		100	71 - 124
Bromodichloromethane	25.0	24.7		ug/L		99	80 - 122
Bromoform	25.0	27.4		ug/L		110	61 - 132
Bromomethane	25.0	23.1		ug/L		93	55 - 144
Carbon disulfide	25.0	26.9		ug/L		108	59 - 134
Carbon tetrachloride	25.0	25.0		ug/L		100	72 - 134
Chlorobenzene	25.0	26.5		ug/L		106	80 - 120
Chlorodibromomethane	25.0	27.4		ug/L		110	75 - 125
Chloroethane	25.0	24.7		ug/L		99	69 - 136
Chloroform	25.0	23.8		ug/L		95	73 - 127
Chloromethane	25.0	24.0		ug/L		96	68 - 124
cis-1,2-Dichloroethene	25.0	23.1		ug/L		92	74 - 124
cis-1,3-Dichloropropene	25.0	25.5		ug/L		102	74 - 124
Cyclohexane	25.0	27.9		ug/L		112	59 - 135
Dichlorodifluoromethane	25.0	23.8		ug/L		95	59 - 135
Ethylbenzene	25.0	27.7		ug/L		111	77 - 123
Isopropylbenzene	25.0	28.1		ug/L		112	77 - 122
Methyl acetate	50.0	46.0		ug/L		92	74 - 133
Methyl tert-butyl ether	25.0	24.9		ug/L		99	77 - 120
Methylcyclohexane	25.0	27.6		ug/L		110	68 - 134

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

Lab Sample ID: LCS 480-618965/5
Matrix: Water
Analysis Batch: 618965

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Methylene Chloride	25.0	24.2		ug/L		97	75 - 124
Styrene	25.0	26.3		ug/L		105	80 - 120
Tetrachloroethene	25.0	24.1		ug/L		96	74 - 122
Toluene	25.0	25.7		ug/L		103	80 - 122
trans-1,2-Dichloroethene	25.0	25.6		ug/L		102	73 - 127
trans-1,3-Dichloropropene	25.0	28.3		ug/L		113	80 - 120
Trichloroethene	25.0	23.4		ug/L		94	74 - 123
Trichlorofluoromethane	25.0	25.9		ug/L		104	62 - 150
Vinyl chloride	25.0	24.9		ug/L		100	65 - 133

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*93*		*77 - 120*
Toluene-d8 (Surr)	*106*		*80 - 120*
4-Bromofluorobenzene (Surr)	*96*		*73 - 120*
Dibromofluoromethane (Surr)	*92*		*75 - 123*

Lab Sample ID: LCSD 480-618965/31
Matrix: Water
Analysis Batch: 618965

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

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1,1-Trichloroethane	25.0	23.8		ug/L		95	73 - 126	4	15
1,1,2,2-Tetrachloroethane	25.0	28.7		ug/L		115	76 - 120	5	15
1,1,2-Trichloroethane	25.0	26.2		ug/L		105	76 - 122	3	15
1,1,2-Trichlorotrifluoroethane	25.0	23.7		ug/L		95	61 - 148	12	20
1,1-Dichloroethane	25.0	25.0		ug/L		100	77 - 120	1	20
1,1-Dichloroethene	25.0	24.3		ug/L		97	66 - 127	6	16
1,2,4-Trichlorobenzene	25.0	25.5		ug/L		102	79 - 122	6	20
1,2-Dibromo-3-Chloropropane	25.0	29.9		ug/L		120	56 - 134	9	15
1,2-Dibromoethane (EDB)	25.0	25.1		ug/L		101	77 - 120	3	15
1,2-Dichlorobenzene	25.0	25.7		ug/L		103	80 - 124	1	20
1,2-Dichloroethane	25.0	24.4		ug/L		98	75 - 120	1	20
1,2-Dichloropropane	25.0	24.7		ug/L		99	76 - 120	1	20
1,3-Dichlorobenzene	25.0	26.5		ug/L		106	77 - 120	2	20
1,4-Dichlorobenzene	25.0	26.3		ug/L		105	80 - 120	3	20
2-Hexanone	125	157		ug/L		126	65 - 127	15	15
2-Butanone (MEK)	125	135		ug/L		108	57 - 140	19	20
4-Methyl-2-pentanone (MIBK)	125	143		ug/L		115	71 - 125	10	35
Acetone	125	125		ug/L		100	56 - 142	10	15
Benzene	25.0	24.7		ug/L		99	71 - 124	1	13
Bromodichloromethane	25.0	24.5		ug/L		98	80 - 122	1	15
Bromoform	25.0	25.2		ug/L		101	61 - 132	8	15
Bromomethane	25.0	20.5		ug/L		82	55 - 144	12	15
Carbon disulfide	25.0	25.2		ug/L		101	59 - 134	6	15
Carbon tetrachloride	25.0	22.3		ug/L		89	72 - 134	12	15
Chlorobenzene	25.0	26.5		ug/L		106	80 - 120	0	25
Chlorodibromomethane	25.0	26.1		ug/L		105	75 - 125	5	15
Chloroethane	25.0	20.7	*1	ug/L		83	69 - 136	18	15

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

Lab Sample ID: LCSD 480-618965/31
Matrix: Water
Analysis Batch: 618965

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
Chloroform			25.0	23.1		ug/L		93	73 - 127	3	20
Chloromethane			25.0	20.9		ug/L		84	68 - 124	13	15
cis-1,2-Dichloroethene			25.0	22.9		ug/L		92	74 - 124	1	15
cis-1,3-Dichloropropene			25.0	25.1		ug/L		100	74 - 124	2	15
Cyclohexane			25.0	25.4		ug/L		102	59 - 135	9	20
Dichlorodifluoromethane			25.0	23.4		ug/L		94	59 - 135	2	20
Ethylbenzene			25.0	27.9		ug/L		112	77 - 123	1	15
Isopropylbenzene			25.0	28.4		ug/L		114	77 - 122	1	20
Methyl acetate			50.0	51.2		ug/L		102	74 - 133	11	20
Methyl tert-butyl ether			25.0	24.2		ug/L		97	77 - 120	3	37
Methylcyclohexane			25.0	25.8		ug/L		103	68 - 134	7	20
Methylene Chloride			25.0	23.4		ug/L		93	75 - 124	4	15
Styrene			25.0	27.0		ug/L		108	80 - 120	3	20
Tetrachloroethene			25.0	23.6		ug/L		94	74 - 122	2	20
Toluene			25.0	26.5		ug/L		106	80 - 122	3	15
trans-1,2-Dichloroethene			25.0	23.7		ug/L		95	73 - 127	8	20
trans-1,3-Dichloropropene			25.0	28.6		ug/L		114	80 - 120	1	15
Trichloroethene			25.0	23.6		ug/L		95	74 - 123	1	16
Trichlorofluoromethane			25.0	23.8		ug/L		95	62 - 150	8	20
Vinyl chloride			25.0	21.4		ug/L		86	65 - 133	15	15

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*93*		*77 - 120*
Toluene-d8 (Surr)	*103*		*80 - 120*
4-Bromofluorobenzene (Surr)	*93*		*73 - 120*
Dibromofluoromethane (Surr)	*88*		*75 - 123*

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 480-619779/28
Matrix: Water
Analysis Batch: 619779

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		0.50	0.28	mg/L			03/31/22 02:23	1
Sulfate	ND		2.0	0.35	mg/L			03/31/22 02:23	1

Lab Sample ID: LCS 480-619779/29
Matrix: Water
Analysis Batch: 619779

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	48.81		mg/L		98	90 - 110		
Sulfate			50.0	49.31		mg/L		99	90 - 110		

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: 480-196078-3 MS
Matrix: Water
Analysis Batch: 619779

Client Sample ID: MW8DD 032322
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	54.3		250	289.0		mg/L		94	81 - 120
Sulfate	113		250	345.6		mg/L		93	80 - 120

Lab Sample ID: MB 480-619783/4
Matrix: Water
Analysis Batch: 619783

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		0.50	0.28	mg/L			03/31/22 11:13	1
Sulfate	ND		2.0	0.35	mg/L			03/31/22 11:13	1

Lab Sample ID: LCS 480-619783/5
Matrix: Water
Analysis Batch: 619783

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	50.23		mg/L		100	90 - 110
Sulfate	50.0	48.52		mg/L		97	90 - 110

Lab Sample ID: 480-196078-9 MS
Matrix: Water
Analysis Batch: 619783

Client Sample ID: MW10D 032422
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	337		250	563.3		mg/L		91	81 - 120
Sulfate	238		250	466.5		mg/L		92	80 - 120

Lab Sample ID: 480-196078-9 MSD
Matrix: Water
Analysis Batch: 619783

Client Sample ID: MW10D 032422
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	337		250	559.9		mg/L		89	81 - 120	1	15
Sulfate	238		250	465.5		mg/L		91	80 - 120	0	15

Method: 310.2_ASP - Alkalinity - Colorimetric

Lab Sample ID: MB 480-619615/108
Matrix: Water
Analysis Batch: 619615

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Alkalinity, Bicarbonate	ND		10.0	4.0	mg/L			03/29/22 15:22	1

Lab Sample ID: MB 480-619615/118
Matrix: Water
Analysis Batch: 619615

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Alkalinity, Bicarbonate	ND		10.0	4.0	mg/L			03/29/22 15:25	1

Method: 310.2_ASP - Alkalinity - Colorimetric (Continued)

Lab Sample ID: MB 480-619615/131
Matrix: Water
Analysis Batch: 619615

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Alkalinity, Bicarbonate	ND		10.0	4.0	mg/L			03/29/22 15:32	1

Lab Sample ID: MB 480-619615/143
Matrix: Water
Analysis Batch: 619615

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Alkalinity, Bicarbonate	ND		10.0	4.0	mg/L			03/29/22 15:47	1

Lab Sample ID: MB 480-619615/154
Matrix: Water
Analysis Batch: 619615

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Alkalinity, Bicarbonate	ND		10.0	4.0	mg/L			03/29/22 15:59	1

Lab Sample ID: MB 480-619615/166
Matrix: Water
Analysis Batch: 619615

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Alkalinity, Bicarbonate	ND		10.0	4.0	mg/L			03/29/22 16:01	1

Lab Sample ID: MB 480-619615/17
Matrix: Water
Analysis Batch: 619615

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Alkalinity, Bicarbonate	ND		10.0	4.0	mg/L			03/29/22 14:22	1

Lab Sample ID: MB 480-619615/177
Matrix: Water
Analysis Batch: 619615

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Alkalinity, Bicarbonate	ND		10.0	4.0	mg/L			03/29/22 16:14	1

Lab Sample ID: MB 480-619615/21
Matrix: Water
Analysis Batch: 619615

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Alkalinity, Bicarbonate	ND		10.0	4.0	mg/L			03/29/22 14:38	1

Lab Sample ID: MB 480-619615/99
Matrix: Water
Analysis Batch: 619615

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Alkalinity, Bicarbonate	ND		10.0	4.0	mg/L			03/29/22 15:16	1

Method: 310.2_ASP - Alkalinity - Colorimetric

Lab Sample ID: LCS 480-619615/107
Matrix: Water
Analysis Batch: 619615

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Alkalinity, Bicarbonate	50.0	49.33		mg/L		99	90 - 110

Lab Sample ID: LCS 480-619615/130
Matrix: Water
Analysis Batch: 619615

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Alkalinity, Bicarbonate	50.0	48.21		mg/L		96	90 - 110

Lab Sample ID: LCS 480-619615/142
Matrix: Water
Analysis Batch: 619615

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Alkalinity, Bicarbonate	50.0	47.91		mg/L		96	90 - 110

Lab Sample ID: LCS 480-619615/153
Matrix: Water
Analysis Batch: 619615

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Alkalinity, Bicarbonate	50.0	48.03		mg/L		96	90 - 110

Lab Sample ID: LCS 480-619615/176
Matrix: Water
Analysis Batch: 619615

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Alkalinity, Bicarbonate	50.0	46.40		mg/L		93	90 - 110

Lab Sample ID: LCS 480-619615/20
Matrix: Water
Analysis Batch: 619615

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Alkalinity, Bicarbonate	50.0	47.07		mg/L		94	90 - 110

Method: 353.2 - Nitrogen, Nitrite

Lab Sample ID: MB 480-619153/27
Matrix: Water
Analysis Batch: 619153

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrite as N	ND		0.050	0.020	mg/L			03/24/22 21:12	1

Method: 353.2 - Nitrogen, Nitrite (Continued)

Lab Sample ID: MB 480-619153/3
Matrix: Water
Analysis Batch: 619153

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrite as N	ND		0.050	0.020	mg/L			03/24/22 20:39	1

Lab Sample ID: LCS 480-619153/28
Matrix: Water
Analysis Batch: 619153

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

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

Lab Sample ID: LCS 480-619153/4
Matrix: Water
Analysis Batch: 619153

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

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

Method: SM 4500 S2 F - Sulfide, Total

Lab Sample ID: MB 480-619572/3
Matrix: Water
Analysis Batch: 619572

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfide	ND		1.0	0.67	mg/L			03/29/22 15:22	1

Lab Sample ID: LCS 480-619572/4
Matrix: Water
Analysis Batch: 619572

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Sulfide	6.00	6.00		mg/L		100	90 - 110

Lab Sample ID: MB 480-619775/3
Matrix: Water
Analysis Batch: 619775

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfide	ND		1.0	0.67	mg/L			03/30/22 16:20	1

Lab Sample ID: LCS 480-619775/4
Matrix: Water
Analysis Batch: 619775

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Sulfide	6.40	6.40		mg/L		100	90 - 110

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

Lab Sample ID: 480-196078-8 DU
Matrix: Water
Analysis Batch: 619775

Client Sample ID: MW10S 032422
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Sulfide	ND		ND		mg/L		NC	20

Method: SM 5310C - Organic Carbon, Dissolved (DOC)

Lab Sample ID: MB 480-619381/28
Matrix: Water
Analysis Batch: 619381

Client Sample ID: Method Blank
Prep Type: Dissolved

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dissolved Organic Carbon - Duplicate	ND		1.0	0.43	mg/L			03/26/22 01:44	1

Lab Sample ID: MB 480-619381/4
Matrix: Water
Analysis Batch: 619381

Client Sample ID: Method Blank
Prep Type: Dissolved

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dissolved Organic Carbon - Duplicate	ND		1.0	0.43	mg/L			03/25/22 19:36	1

Lab Sample ID: LCS 480-619381/29
Matrix: Water
Analysis Batch: 619381

Client Sample ID: Lab Control Sample
Prep Type: Dissolved

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Dissolved Organic Carbon - Duplicate	60.1	60.25		mg/L		100	90 - 110

Lab Sample ID: LCS 480-619381/5
Matrix: Water
Analysis Batch: 619381

Client Sample ID: Lab Control Sample
Prep Type: Dissolved

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Dissolved Organic Carbon - Duplicate	60.1	60.94		mg/L		101	90 - 110

Lab Sample ID: 480-196078-2 MS
Matrix: Water
Analysis Batch: 619381

Client Sample ID: MW8S 032322
Prep Type: Dissolved

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Dissolved Organic Carbon - Duplicate	2.1		22.8	26.87		mg/L		109	54 - 131

Lab Sample ID: 480-196078-2 MSD
Matrix: Water
Analysis Batch: 619381

Client Sample ID: MW8S 032322
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 - Duplicate	2.1		22.8	27.14		mg/L		110	54 - 131	1	20

GC/MS VOA

Analysis Batch: 618965

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-196078-1	MW8D 032322	Total/NA	Water	8260C	
480-196078-2	MW8S 032322	Total/NA	Water	8260C	
480-196078-3	MW8DD 032322	Total/NA	Water	8260C	
480-196078-4	MW7S 032322	Total/NA	Water	8260C	
480-196078-5	MW7DD 032322	Total/NA	Water	8260C	
480-196078-6	X1	Total/NA	Water	8260C	
480-196078-7	MW7D 032322	Total/NA	Water	8260C	
480-196078-8	MW10S 032422	Total/NA	Water	8260C	
480-196078-9	MW10D 032422	Total/NA	Water	8260C	
MB 480-618965/9	Method Blank	Total/NA	Water	8260C	
LCS 480-618965/5	Lab Control Sample	Total/NA	Water	8260C	
LCSD 480-618965/31	Lab Control Sample Dup	Total/NA	Water	8260C	

General Chemistry

Analysis Batch: 619153

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-196078-2	MW8S 032322	Total/NA	Water	353.2	
480-196078-3	MW8DD 032322	Total/NA	Water	353.2	
480-196078-5	MW7DD 032322	Total/NA	Water	353.2	
480-196078-7	MW7D 032322	Total/NA	Water	353.2	
480-196078-9	MW10D 032422	Total/NA	Water	353.2	
MB 480-619153/27	Method Blank	Total/NA	Water	353.2	
MB 480-619153/3	Method Blank	Total/NA	Water	353.2	
LCS 480-619153/28	Lab Control Sample	Total/NA	Water	353.2	
LCS 480-619153/4	Lab Control Sample	Total/NA	Water	353.2	

Analysis Batch: 619161

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-196078-1	MW8D 032322	Total/NA	Water	353.2	
480-196078-2	MW8S 032322	Total/NA	Water	353.2	
480-196078-3	MW8DD 032322	Total/NA	Water	353.2	
480-196078-4	MW7S 032322	Total/NA	Water	353.2	
480-196078-5	MW7DD 032322	Total/NA	Water	353.2	
480-196078-6	X1	Total/NA	Water	353.2	
480-196078-7	MW7D 032322	Total/NA	Water	353.2	
480-196078-8	MW10S 032422	Total/NA	Water	353.2	
480-196078-9	MW10D 032422	Total/NA	Water	353.2	

Analysis Batch: 619162

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-196078-1	MW8D 032322	Total/NA	Water	353.2	
480-196078-4	MW7S 032322	Total/NA	Water	353.2	
480-196078-6	X1	Total/NA	Water	353.2	
480-196078-8	MW10S 032422	Total/NA	Water	353.2	

Analysis Batch: 619381

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-196078-1	MW8D 032322	Dissolved	Water	SM 5310C	
480-196078-2	MW8S 032322	Dissolved	Water	SM 5310C	
480-196078-3	MW8DD 032322	Dissolved	Water	SM 5310C	

General Chemistry (Continued)

Analysis Batch: 619381 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-196078-4	MW7S 032322	Dissolved	Water	SM 5310C	
480-196078-5	MW7DD 032322	Dissolved	Water	SM 5310C	
480-196078-6	X1	Dissolved	Water	SM 5310C	
480-196078-7	MW7D 032322	Dissolved	Water	SM 5310C	
480-196078-8	MW10S 032422	Dissolved	Water	SM 5310C	
480-196078-9	MW10D 032422	Dissolved	Water	SM 5310C	
MB 480-619381/28	Method Blank	Dissolved	Water	SM 5310C	
MB 480-619381/4	Method Blank	Dissolved	Water	SM 5310C	
LCS 480-619381/29	Lab Control Sample	Dissolved	Water	SM 5310C	
LCS 480-619381/5	Lab Control Sample	Dissolved	Water	SM 5310C	
480-196078-2 MS	MW8S 032322	Dissolved	Water	SM 5310C	
480-196078-2 MSD	MW8S 032322	Dissolved	Water	SM 5310C	

Analysis Batch: 619572

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-196078-1	MW8D 032322	Total/NA	Water	SM 4500 S2 F	
480-196078-2	MW8S 032322	Total/NA	Water	SM 4500 S2 F	
480-196078-3	MW8DD 032322	Total/NA	Water	SM 4500 S2 F	
480-196078-4	MW7S 032322	Total/NA	Water	SM 4500 S2 F	
480-196078-5	MW7DD 032322	Total/NA	Water	SM 4500 S2 F	
MB 480-619572/3	Method Blank	Total/NA	Water	SM 4500 S2 F	
LCS 480-619572/4	Lab Control Sample	Total/NA	Water	SM 4500 S2 F	

Analysis Batch: 619615

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-196078-1	MW8D 032322	Total/NA	Water	310.2_ASP	
480-196078-2	MW8S 032322	Total/NA	Water	310.2_ASP	
480-196078-3	MW8DD 032322	Total/NA	Water	310.2_ASP	
480-196078-4	MW7S 032322	Total/NA	Water	310.2_ASP	
480-196078-5	MW7DD 032322	Total/NA	Water	310.2_ASP	
480-196078-6	X1	Total/NA	Water	310.2_ASP	
480-196078-7	MW7D 032322	Total/NA	Water	310.2_ASP	
480-196078-8	MW10S 032422	Total/NA	Water	310.2_ASP	
480-196078-9	MW10D 032422	Total/NA	Water	310.2_ASP	
MB 480-619615/108	Method Blank	Total/NA	Water	310.2_ASP	
MB 480-619615/118	Method Blank	Total/NA	Water	310.2_ASP	
MB 480-619615/131	Method Blank	Total/NA	Water	310.2_ASP	
MB 480-619615/143	Method Blank	Total/NA	Water	310.2_ASP	
MB 480-619615/154	Method Blank	Total/NA	Water	310.2_ASP	
MB 480-619615/166	Method Blank	Total/NA	Water	310.2_ASP	
MB 480-619615/17	Method Blank	Total/NA	Water	310.2_ASP	
MB 480-619615/177	Method Blank	Total/NA	Water	310.2_ASP	
MB 480-619615/21	Method Blank	Total/NA	Water	310.2_ASP	
MB 480-619615/99	Method Blank	Total/NA	Water	310.2_ASP	
LCS 480-619615/107	Lab Control Sample	Total/NA	Water	310.2_ASP	
LCS 480-619615/130	Lab Control Sample	Total/NA	Water	310.2_ASP	
LCS 480-619615/142	Lab Control Sample	Total/NA	Water	310.2_ASP	
LCS 480-619615/153	Lab Control Sample	Total/NA	Water	310.2_ASP	
LCS 480-619615/176	Lab Control Sample	Total/NA	Water	310.2_ASP	
LCS 480-619615/20	Lab Control Sample	Total/NA	Water	310.2_ASP	

QC Association Summary

Client: O'Brien & Gere Inc of North America
Project/Site: Forest Glen Monitoring

Job ID: 480-196078-1

General Chemistry

Analysis Batch: 619775

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-196078-6	X1	Total/NA	Water	SM 4500 S2 F	
480-196078-7	MW7D 032322	Total/NA	Water	SM 4500 S2 F	
480-196078-8	MW10S 032422	Total/NA	Water	SM 4500 S2 F	
480-196078-9	MW10D 032422	Total/NA	Water	SM 4500 S2 F	
MB 480-619775/3	Method Blank	Total/NA	Water	SM 4500 S2 F	
LCS 480-619775/4	Lab Control Sample	Total/NA	Water	SM 4500 S2 F	
480-196078-8 DU	MW10S 032422	Total/NA	Water	SM 4500 S2 F	

Analysis Batch: 619779

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-196078-1	MW8D 032322	Total/NA	Water	300.0	
480-196078-2	MW8S 032322	Total/NA	Water	300.0	
480-196078-3	MW8DD 032322	Total/NA	Water	300.0	
MB 480-619779/28	Method Blank	Total/NA	Water	300.0	
LCS 480-619779/29	Lab Control Sample	Total/NA	Water	300.0	
480-196078-3 MS	MW8DD 032322	Total/NA	Water	300.0	

Analysis Batch: 619783

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-196078-4	MW7S 032322	Total/NA	Water	300.0	
480-196078-5	MW7DD 032322	Total/NA	Water	300.0	
480-196078-6	X1	Total/NA	Water	300.0	
480-196078-7	MW7D 032322	Total/NA	Water	300.0	
480-196078-8	MW10S 032422	Total/NA	Water	300.0	
480-196078-9	MW10D 032422	Total/NA	Water	300.0	
MB 480-619783/4	Method Blank	Total/NA	Water	300.0	
LCS 480-619783/5	Lab Control Sample	Total/NA	Water	300.0	
480-196078-9 MS	MW10D 032422	Total/NA	Water	300.0	
480-196078-9 MSD	MW10D 032422	Total/NA	Water	300.0	

Client Sample ID: MW8D 032322

Lab Sample ID: 480-196078-1

Date Collected: 03/23/22 09:10

Matrix: Water

Date Received: 03/24/22 11:55

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	618965	03/24/22 20:44	ATG	TAL BUF
Total/NA	Analysis	300.0		5	619779	03/31/22 08:16	IMZ	TAL BUF
Total/NA	Analysis	310.2_ASP		5	619615	03/29/22 16:27	RDA	TAL BUF
Total/NA	Analysis	353.2		1	619161	03/24/22 19:05	CSS	TAL BUF
Total/NA	Analysis	353.2		1	619162	03/24/22 19:05	CSS	TAL BUF
Total/NA	Analysis	SM 4500 S2 F		1	619572	03/29/22 15:22	JGO	TAL BUF
Dissolved	Analysis	SM 5310C		1	619381	03/25/22 20:21	KER	TAL BUF

Client Sample ID: MW8S 032322

Lab Sample ID: 480-196078-2

Date Collected: 03/23/22 10:45

Matrix: Water

Date Received: 03/24/22 11:55

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	618965	03/24/22 21:07	ATG	TAL BUF
Total/NA	Analysis	300.0		1	619779	03/31/22 08:35	IMZ	TAL BUF
Total/NA	Analysis	310.2_ASP		2	619615	03/29/22 16:15	RDA	TAL BUF
Total/NA	Analysis	353.2		1	619161	03/24/22 19:12	CSS	TAL BUF
Total/NA	Analysis	353.2		1	619153	03/24/22 21:07	JJK	TAL BUF
Total/NA	Analysis	SM 4500 S2 F		1	619572	03/29/22 15:22	JGO	TAL BUF
Dissolved	Analysis	SM 5310C		1	619381	03/25/22 21:07	KER	TAL BUF

Client Sample ID: MW8DD 032322

Lab Sample ID: 480-196078-3

Date Collected: 03/23/22 12:15

Matrix: Water

Date Received: 03/24/22 11:55

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	618965	03/24/22 21:30	ATG	TAL BUF
Total/NA	Analysis	300.0		5	619779	03/31/22 08:55	IMZ	TAL BUF
Total/NA	Analysis	310.2_ASP		5	619615	03/29/22 16:28	RDA	TAL BUF
Total/NA	Analysis	353.2		1	619161	03/24/22 19:26	CSS	TAL BUF
Total/NA	Analysis	353.2		1	619153	03/24/22 21:17	JJK	TAL BUF
Total/NA	Analysis	SM 4500 S2 F		1	619572	03/29/22 15:22	JGO	TAL BUF
Dissolved	Analysis	SM 5310C		1	619381	03/25/22 21:22	KER	TAL BUF

Client Sample ID: MW7S 032322

Lab Sample ID: 480-196078-4

Date Collected: 03/23/22 11:50

Matrix: Water

Date Received: 03/24/22 11:55

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	618965	03/24/22 21:53	ATG	TAL BUF
Total/NA	Analysis	300.0		2	619783	03/31/22 11:42	IMZ	TAL BUF
Total/NA	Analysis	310.2_ASP		5	619615	03/29/22 16:28	RDA	TAL BUF
Total/NA	Analysis	353.2		1	619161	03/24/22 19:24	CSS	TAL BUF

Lab Chronicle

Client: O'Brien & Gere Inc of North America
Project/Site: Forest Glen Monitoring

Job ID: 480-196078-1

Client Sample ID: MW7S 032322

Lab Sample ID: 480-196078-4

Date Collected: 03/23/22 11:50

Matrix: Water

Date Received: 03/24/22 11:55

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	353.2		1	619162	03/24/22 19:24	CSS	TAL BUF
Total/NA	Analysis	SM 4500 S2 F		1	619572	03/29/22 15:22	JGO	TAL BUF
Dissolved	Analysis	SM 5310C		1	619381	03/25/22 21:37	KER	TAL BUF

Client Sample ID: MW7DD 032322

Lab Sample ID: 480-196078-5

Date Collected: 03/23/22 10:35

Matrix: Water

Date Received: 03/24/22 11:55

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	618965	03/24/22 22:16	ATG	TAL BUF
Total/NA	Analysis	300.0		2	619783	03/31/22 11:56	IMZ	TAL BUF
Total/NA	Analysis	310.2_ASP		5	619615	03/29/22 16:28	RDA	TAL BUF
Total/NA	Analysis	353.2		1	619161	03/24/22 19:10	CSS	TAL BUF
Total/NA	Analysis	353.2		1	619153	03/24/22 21:06	JJK	TAL BUF
Total/NA	Analysis	SM 4500 S2 F		1	619572	03/29/22 15:22	JGO	TAL BUF
Dissolved	Analysis	SM 5310C		1	619381	03/25/22 21:52	KER	TAL BUF

Client Sample ID: X1

Lab Sample ID: 480-196078-6

Date Collected: 03/23/22 00:00

Matrix: Water

Date Received: 03/24/22 11:55

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	618965	03/24/22 22:39	ATG	TAL BUF
Total/NA	Analysis	300.0		5	619783	03/31/22 12:10	IMZ	TAL BUF
Total/NA	Analysis	310.2_ASP		5	619615	03/29/22 16:28	RDA	TAL BUF
Total/NA	Analysis	353.2		1	619161	03/24/22 18:59	CSS	TAL BUF
Total/NA	Analysis	353.2		1	619162	03/24/22 18:59	CSS	TAL BUF
Total/NA	Analysis	SM 4500 S2 F		1	619775	03/30/22 16:20	JGO	TAL BUF
Dissolved	Analysis	SM 5310C		1	619381	03/25/22 23:27	KER	TAL BUF

Client Sample ID: MW7D 032322

Lab Sample ID: 480-196078-7

Date Collected: 03/23/22 13:20

Matrix: Water

Date Received: 03/24/22 11:55

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	618965	03/24/22 23:02	ATG	TAL BUF
Total/NA	Analysis	300.0		2	619783	03/31/22 12:24	IMZ	TAL BUF
Total/NA	Analysis	310.2_ASP		3	619615	03/29/22 16:59	RDA	TAL BUF
Total/NA	Analysis	353.2		1	619161	03/24/22 19:27	CSS	TAL BUF
Total/NA	Analysis	353.2		1	619153	03/24/22 21:18	JJK	TAL BUF
Total/NA	Analysis	SM 4500 S2 F		1	619775	03/30/22 16:20	JGO	TAL BUF
Dissolved	Analysis	SM 5310C		1	619381	03/25/22 23:42	KER	TAL BUF

Lab Chronicle

Client: O'Brien & Gere Inc of North America
Project/Site: Forest Glen Monitoring

Job ID: 480-196078-1

Client Sample ID: MW10S 032422

Lab Sample ID: 480-196078-8

Date Collected: 03/24/22 08:55

Matrix: Water

Date Received: 03/24/22 11:55

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	618965	03/24/22 23:25	ATG	TAL BUF
Total/NA	Analysis	300.0		5	619783	03/31/22 12:38	IMZ	TAL BUF
Total/NA	Analysis	310.2_ASP		5	619615	03/29/22 16:29	RDA	TAL BUF
Total/NA	Analysis	353.2		1	619161	03/24/22 19:37	CSS	TAL BUF
Total/NA	Analysis	353.2		1	619162	03/24/22 19:37	CSS	TAL BUF
Total/NA	Analysis	SM 4500 S2 F		1	619775	03/30/22 16:20	JGO	TAL BUF
Dissolved	Analysis	SM 5310C		1	619381	03/25/22 23:57	KER	TAL BUF

Client Sample ID: MW10D 032422

Lab Sample ID: 480-196078-9

Date Collected: 03/24/22 08:58

Matrix: Water

Date Received: 03/24/22 11:55

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	618965	03/24/22 23:48	ATG	TAL BUF
Total/NA	Analysis	300.0		5	619783	03/31/22 12:52	IMZ	TAL BUF
Total/NA	Analysis	310.2_ASP		5	619615	03/29/22 16:29	RDA	TAL BUF
Total/NA	Analysis	353.2		1	619161	03/24/22 19:28	CSS	TAL BUF
Total/NA	Analysis	353.2		1	619153	03/24/22 21:20	JJK	TAL BUF
Total/NA	Analysis	SM 4500 S2 F		1	619775	03/30/22 16:20	JGO	TAL BUF
Dissolved	Analysis	SM 5310C		1	619381	03/26/22 00:12	KER	TAL BUF

Laboratory References:

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

Accreditation/Certification Summary

Client: O'Brien & Gere Inc of North America
Job ID: 480-196078-1
Project/Site: Forest Glen Monitoring

Laboratory: Eurofins 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	03-31-22

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
310.2_ASP		Water	Alkalinity, Bicarbonate
SM 5310C		Water	Dissolved Organic Carbon - Duplicate

Method Summary

Client: O'Brien & Gere Inc of North America
Project/Site: Forest Glen Monitoring

Job ID: 480-196078-1

Method	Method Description	Protocol	Laboratory
8260C	Volatile Organic Compounds by GC/MS	SW846	TAL BUF
300.0	Anions, Ion Chromatography	MCAWW	TAL BUF
310.2_ASP	Alkalinity - Colorimetric	MCAWW	TAL BUF
353.2	Nitrate	EPA	TAL BUF
353.2	Nitrogen, Nitrite	MCAWW	TAL BUF
SM 4500 S2 F	Sulfide, Total	SM	TAL BUF
SM 5310C	Organic Carbon, Dissolved (DOC)	SM	TAL BUF
5030C	Purge and Trap	SW846	TAL BUF

Protocol References:

EPA = US Environmental Protection Agency

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

Sample Summary

Client: O'Brien & Gere Inc of North America
Project/Site: Forest Glen Monitoring

Job ID: 480-196078-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
480-196078-1	MW8D 032322	Water	03/23/22 09:10	03/24/22 11:55
480-196078-2	MW8S 032322	Water	03/23/22 10:45	03/24/22 11:55
480-196078-3	MW8DD 032322	Water	03/23/22 12:15	03/24/22 11:55
480-196078-4	MW7S 032322	Water	03/23/22 11:50	03/24/22 11:55
480-196078-5	MW7DD 032322	Water	03/23/22 10:35	03/24/22 11:55
480-196078-6	X1	Water	03/23/22 00:00	03/24/22 11:55
480-196078-7	MW7D 032322	Water	03/23/22 13:20	03/24/22 11:55
480-196078-8	MW10S 032422	Water	03/24/22 08:55	03/24/22 11:55
480-196078-9	MW10D 032422	Water	03/24/22 08:58	03/24/22 11:55

Quantitation Limit Exceptions Summary

Client: O'Brien & Gere Inc of North America
Job ID: 480-196078-1
Project/Site: Forest Glen Monitoring

The requested project specific reporting limits listed below were less than laboratory standard quantitation limits (PQL) but greater than or equal to the laboratory method detection limits (MDL). It must be noted that results reported below lab standard quantitation limits may result in false positive/false negative values and less accurate quantitation. Routine laboratory procedures do not indicate corrective action for detections below the laboratory's PQL.

Method	Analyte	Matrix	Prep Type	Unit	Client RL	Lab PQL
8260C	Methyl acetate	Water	Total/NA	ug/L	1.3	2.5

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

Chain of Custody Record

eurofins | Environment Testing America

Client Information	Sampler: Martin Koenneke	Lab PM: Schove, John R	Carrier Tracking No(s):	COC No: 480-171884-27221.3
Client Contact: Mr. Yuri Veliz	Phone: 315-729-1300	E-Mail: John.Schove@Eurofinset.com	State of Origin:	Page: Page 1 of 1
Company: O'Brien & Gere Inc of North America	PWSID:			Job #:
Address: 333 West Washington St. PO BOX 4873	Due Date Requested:			
City: East Syracuse	TAT Requested (days):			
State, Zip: NY, 13221	Compliance Project: Δ Yes Δ No			
Phone: 315-956-6100(Tel) 315-463-7554(Fax)	PO #: 1950003279			
Email: yuri.veliz@ramboll.com	WO #:			
Project Name: Forest Glen Monitoring	Project #: 48002808			
Site:	SSOW#:			

Analysis Requested

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, M - Hexane, N - None, O - AsNaO2, P - Na2O4S, Q - Na2SO3, R - Na2S2O3, S - H2SO4, T - TSP Dodecahydrate, U - Acetone, V - MCAA, W - pH 4-5, Z - other (specify)

Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8260C - TCL List VOCs	300.0_28D - Chloride & Sulfate	353.2, 353.2_Nitrite, Nitrate_Calc	SM5310_DOC_C - Dissolved Organic Carbon	310.2 - Alkalinity	SM4500_S2_F - Sulfide, Total	8260C - TCL Volatiles	Total Number of containers	Special Instructions/Note:
			Preservation Code:				A	N	N	A	N	CB	A		
MW8D032322	3/23/22	0910	G	Water			3	1	2	2	1	1			
MW8S032322	3/23/22	1045		Water											
MW8DD032322	3/23/22	1215													
MW7S032322	3/23/22	1150													
MW7DD032322	3/23/22	1035													
X1	3/23/22	—													
MW7D032322	3/23/22	1320													
MW10S032422	3/24/22	0855													
MW10DO32422	3/24/22	0858													
QC Trip Blank	3/24/22	—	✓	✓									3		

480-196078 Chain of Custody

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

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

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

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:
Relinquished by: Martin Koenneke	Date/Time: 3-24-22	Company: VSW16	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time: 3/24/22 1155	Company TA

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

Cooler Temperature(s) °C and Other Remarks: 3.3 #1 ICE

Ver: 06/08/2021

Login Sample Receipt Checklist

Client: O'Brien & Gere Inc of North America

Job Number: 480-196078-1

Login Number: 196078
List Number: 1
Creator: Sabuda, Brendan D

List Source: Eurofins Buffalo

Question	Answer	Comment
Radioactivity either was not measured or, if measured, is at or below background	True	
The cooler's custody seal, if present, is intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	3.3 #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.	False	No trip blanks received
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	

LELAP CERTIFICATE NUMBER: 01955
DOD-ELAP ACCREDITATION NUMBER: 74960

ANALYTICAL RESULTS

PERFORMED BY

Pace Analytical Gulf Coast
7979 Innovation Park Dr.
Baton Rouge, LA 70820
(225) 769-4900

Report Date 04/01/2022

Report # 222032325

Project Forest Glen Monitoring

Samples Collected 3/21/22 - 3/22/22

Deliver To	***Additional Recipients***
Yuri Veliz Ramboll Americas 333 W Washington St Syracuse, NY 13202 315-956-6100	David Carnevale, Ramboll Americas

Laboratory Endorsement

Sample analysis was performed in accordance with approved methodologies provided by the Environmental Protection Agency or other recognized agencies. The samples and their corresponding extracts will be maintained for a period of 30 days unless otherwise arranged. Following this retention period the samples will be disposed in accordance with Pace Gulf Coast's Standard Operating Procedures.

Common Abbreviations that may be Utilized in this Report

ND	Indicates the result was Not Detected at the specified reporting limit
NO	Indicates the sample did not ignite when preliminary test performed for EPA Method 1030
DO	Indicates the result was Diluted Out
MI	Indicates the result was subject to Matrix Interference
TNTC	Indicates the result was Too Numerous To Count
SUBC	Indicates the analysis was Sub-Contracted
FLD	Indicates the analysis was performed in the Field
DL	Detection Limit
LOD	Limit of Detection
LOQ	Limit of Quantitation
RE	Re-analysis
CF	HPLC or GC Confirmation
00:01	Reported as a time equivalent to 12:00 AM

Reporting Flags that may be Utilized in this Report

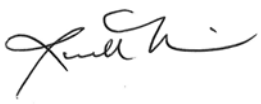
J or I	Indicates the result is between the MDL and LOQ
J	DOD flag on analyte in the parent sample for MS/MSD outside acceptance criteria
U	Indicates the compound was analyzed for but not detected
B or V	Indicates the analyte was detected in the associated Method Blank
Q	Indicates a non-compliant QC Result (See Q Flag Application Report)
*****	Indicates a non-compliant or not applicable QC recovery or RPD – see narrative
E	Organics - The result is estimated because it exceeded the instrument calibration range
E	Metals - % diference for the serial dilution is > 10%
L	Reporting Limits adjusted to meet risk-based limit.
P	RPD between primary and confirmation result is greater than 40
DL	Diluted analysis – when appended to Client Sample ID

Sample receipt at Pace Gulf Coast is documented through the attached chain of custody. In accordance with NELAC, this report shall be reproduced only in full and with the written permission of Pace Gulf Coast. The results contained within this report relate only to the samples reported. The documented results are presented within this report.

This report pertains only to the samples listed in the Report Sample Summary and should be retained as a permanent record thereof. The results contained within this report are intended for the use of the client. Any unauthorized use of the information contained in this report is prohibited.

I certify that this data package is in compliance with The NELAC Institute (TNI) Standard 2009 and terms and conditions of the contract and Statement of Work both technically and for completeness, for other than the conditions in the case narrative. Release of the data contained in this hardcopy data package and in the computer readable data submitted has been authorized by the Quality Assurance Manager or his/her designee, as verified by the following signature.

Estimated uncertainty of measurement is available upon request. This report is in compliance with the DOD QSM as specified in the contract if applicable.



Authorized Signature
Pace Gulf Coast Report 222032325

Certifications

Certification	Certification Number
DOD ELAP	74960
Alabama	01955
Arkansas	88-0655
Colorado	01955
Delaware	01955
Florida	E87854
Georgia	01955
Hawaii	01955
Idaho	01955
Illinois	200048
Indiana	01955
Kansas	E-10354
Kentucky	95
Louisiana	01955
Maryland	01955
Massachusetts	01955
Michigan	01955
Mississippi	01955
Missouri	01955
Montana	N/A
Nebraska	01955
New Mexico	01955
North Carolina	618
North Dakota	R-195
Oklahoma	9403
South Carolina	73006001
South Dakota	01955
Tennessee	01955
Texas	T104704178
Vermont	01955
Virginia	460215
Washington	C929
USDA Soil Permit	P330-16-00234

Case Narrative

Client: O'Brien & Gere NY **Report:** 222032325

Pace Analytical Gulf Coast received and analyzed the sample(s) listed
on the Report Sample Summary page of this report. Receipt of the sample(s) is documented
by the attached chain of custody. This applies only to the sample(s) listed in this report.
No sample integrity or quality control exceptions were identified unless noted below.

VOLATILES GAS CHROMATOGRAPHY

In the EPA RSK175 analysis for analytical batch 737367, the MS and/or MSD recovery is outside control limits for Ethane. The LCS recovery is acceptable.

MISCELLANEOUS

For Sample 22203232512 (QC TRIPBLANK), a date, time of collection or sample ID discrepancy between a container label and the chain of custody was noted at receipt.

Sample Summary

Lab ID	Client ID	Matrix	Collect Date	Receive Date
22203232501	MW1S032122	Water	3/21/22 14:52	3/23/22 10:20
22203232502	MW1D032122	Water	3/21/22 14:55	3/23/22 10:20
22203232503	MW5S032222	Water	3/22/22 10:55	3/23/22 10:20
22203232504	MW5D032222	Water	3/22/22 09:15	3/23/22 10:20
22203232505	MW6S032222	Water	3/22/22 10:40	3/23/22 10:20
22203232506	MW6D032222	Water	3/22/22 12:00	3/23/22 10:20
22203232507	MW6DD032222	Water	3/22/22 09:10	3/23/22 10:20
22203232508	MW4D032222	Water	3/22/22 13:20	3/23/22 10:20
22203232509	MW4DMS032222	Water	3/22/22 13:20	3/23/22 10:20
22203232510	MW4DMSD032222	Water	3/22/22 13:20	3/23/22 10:20
22203232511	MW4S032222	Water	3/22/22 15:00	3/23/22 10:20
22203232512	QC TRIPBLANK	Water	3/22/22 00:01	3/23/22 10:20

Detect Summary

Results and Detection Limits are adjusted for dilution and moisture when applicable

EPA RSK175						
Lab ID	**Client ID**	**Parameter**	**Units**	**Result**	**Dil.**	**%Moist**
22203232501	MW1S032122	Ethane	ug/L	0.20J	1	NA
22203232501	MW1S032122	Methane	ug/L	7.8	1	NA
22203232502	MW1D032122	Ethane	ug/L	0.19J	1	NA
22203232502	MW1D032122	Methane	ug/L	44	1	NA
22203232504	MW5D032222	Ethane	ug/L	0.18J	1	NA
22203232504	MW5D032222	Methane	ug/L	79	1	NA
22203232505	MW6S032222	Ethane	ug/L	0.37J	1	NA
22203232505	MW6S032222	Ethene	ug/L	2.3	1	NA
22203232505	MW6S032222	Methane	ug/L	22	1	NA
22203232506	MW6D032222	Methane	ug/L	240	1	NA
22203232507	MW6DD032222	Ethane	ug/L	0.31J	1	NA
22203232507	MW6DD032222	Methane	ug/L	12	1	NA
22203232508	MW4D032222	Ethane	ug/L	0.41J	1	NA
22203232508	MW4D032222	Methane	ug/L	34	1	NA
22203232511	MW4S032222	Ethane	ug/L	0.26J	1	NA
22203232511	MW4S032222	Methane	ug/L	31	1	NA

Sample Results

MW1S032122

Collect Date	03/21/2022 14:52	Lab ID	22203232501
Receive Date	03/23/2022 10:20	Matrix	Water

EPA RSK175

Prep Date	Prep Batch	Prep Method	Dilution	Run Date	Run Batch	Analyst	%Moisture
NA	NA	NA	1	03/31/22 19:55	737367	AWE	NA

CAS#	Parameter	Result	DL	LOQ	Units
74-84-0	**Ethane**	**0.20J**	0.17	1.0	ug/L
74-85-1	Ethene	0.24U	0.24	1.0	ug/L
74-82-8	**Methane**	**7.8**	2.0	5.0	ug/L

MW1D032122

Collect Date	03/21/2022 14:55	Lab ID	22203232502
Receive Date	03/23/2022 10:20	Matrix	Water

EPA RSK175

Prep Date	Prep Batch	Prep Method	Dilution	Run Date	Run Batch	Analyst	%Moisture
NA	NA	NA	1	03/31/22 20:06	737367	AWE	NA

CAS#	Parameter	Result	DL	LOQ	Units
74-84-0	**Ethane**	**0.19J**	0.17	1.0	ug/L
74-85-1	Ethene	0.24U	0.24	1.0	ug/L
74-82-8	**Methane**	**44**	2.0	5.0	ug/L

MW5S032222

Collect Date	03/22/2022 10:55	Lab ID	22203232503
Receive Date	03/23/2022 10:20	Matrix	Water

EPA RSK175

Prep Date	Prep Batch	Prep Method	Dilution	Run Date	Run Batch	Analyst	%Moisture
NA	NA	NA	1	03/31/22 20:18	737367	AWE	NA

CAS#	Parameter	Result	DL	LOQ	Units
74-84-0	Ethane	0.17U	0.17	1.0	ug/L
74-85-1	Ethene	0.24U	0.24	1.0	ug/L
74-82-8	Methane	2.0U	2.0	5.0	ug/L

MW5D032222

Collect Date	03/22/2022 09:15	Lab ID	22203232504
Receive Date	03/23/2022 10:20	Matrix	Water

EPA RSK175

Prep Date	Prep Batch	Prep Method	Dilution	Run Date	Run Batch	Analyst	%Moisture
NA	NA	NA	1	03/31/22 20:29	737367	AWE	NA

CAS#	Parameter	Result	DL	LOQ	Units
74-84-0	**Ethane**	**0.18J**	0.17	1.0	ug/L
74-85-1	Ethene	0.24U	0.24	1.0	ug/L

Sample Results

MW5D032222

Collect Date 03/22/2022 09:15 **Lab ID** 22203232504
Receive Date 03/23/2022 10:20 **Matrix** Water

EPA RSK175 (Continued)

Prep Date	Prep Batch	Prep Method	Dilution	Run Date	Run Batch	Analyst	%Moisture
NA	NA	NA	1	03/31/22 20:29	737367	AWE	NA

CAS#	Parameter	Result	DL	LOQ	Units
74-82-8	**Methane**	**79**	2.0	5.0	ug/L

MW6S032222

Collect Date 03/22/2022 10:40 **Lab ID** 22203232505
Receive Date 03/23/2022 10:20 **Matrix** Water

EPA RSK175

Prep Date	Prep Batch	Prep Method	Dilution	Run Date	Run Batch	Analyst	%Moisture
NA	NA	NA	1	03/31/22 20:40	737367	AWE	NA

CAS#	Parameter	Result	DL	LOQ	Units
74-84-0	**Ethane**	**0.37J**	0.17	1.0	ug/L
74-85-1	**Ethene**	**2.3**	0.24	1.0	ug/L
74-82-8	**Methane**	**22**	2.0	5.0	ug/L

MW6D032222

Collect Date 03/22/2022 12:00 **Lab ID** 22203232506
Receive Date 03/23/2022 10:20 **Matrix** Water

EPA RSK175

Prep Date	Prep Batch	Prep Method	Dilution	Run Date	Run Batch	Analyst	%Moisture
NA	NA	NA	1	03/31/22 20:52	737367	AWE	NA

CAS#	Parameter	Result	DL	LOQ	Units
74-84-0	Ethane	0.17U	0.17	1.0	ug/L
74-85-1	Ethene	0.24U	0.24	1.0	ug/L
74-82-8	**Methane**	**240**	2.0	5.0	ug/L

MW6DD032222

Collect Date 03/22/2022 09:10 **Lab ID** 22203232507
Receive Date 03/23/2022 10:20 **Matrix** Water

EPA RSK175

Prep Date	Prep Batch	Prep Method	Dilution	Run Date	Run Batch	Analyst	%Moisture
NA	NA	NA	1	03/31/22 21:03	737367	AWE	NA

CAS#	Parameter	Result	DL	LOQ	Units
74-84-0	**Ethane**	**0.31J**	0.17	1.0	ug/L
74-85-1	Ethene	0.24U	0.24	1.0	ug/L

Sample Results

MW6DD032222

Collect Date: 03/22/2022 09:10 | Lab ID: 22203232507
Receive Date: 03/23/2022 10:20 | Matrix: Water

EPA RSK175 (Continued)

Prep Date	Prep Batch	Prep Method	Dilution	Run Date	Run Batch	Analyst	%Moisture
NA	NA	NA	1	03/31/22 21:03	737367	AWE	NA

CAS#	Parameter	Result	DL	LOQ	Units
74-82-8	**Methane**	**12**	2.0	5.0	ug/L

MW4D032222

Collect Date: 03/22/2022 13:20 | Lab ID: 22203232508
Receive Date: 03/23/2022 10:20 | Matrix: Water

EPA RSK175

Prep Date	Prep Batch	Prep Method	Dilution	Run Date	Run Batch	Analyst	%Moisture
NA	NA	NA	1	03/31/22 21:15	737367	AWE	NA

CAS#	Parameter	Result	DL	LOQ	Units
74-84-0	**Ethane**	**0.41J**	0.17	1.0	ug/L
74-85-1	Ethene	0.24U	0.24	1.0	ug/L
74-82-8	**Methane**	**34**	2.0	5.0	ug/L

MW4DMS032222

Collect Date: 03/22/2022 13:20 | Lab ID: 22203232509
Receive Date: 03/23/2022 10:20 | Matrix: Water

EPA RSK175

Prep Date	Prep Batch	Prep Method	Dilution	Run Date	Run Batch	Analyst	%Moisture
NA	NA	NA	1	03/31/22 21:26	737367	AWE	NA

CAS#	Parameter	Result	DL	LOQ	Units
74-84-0	**Ethane**	**65**	0.17	1.0	ug/L
74-85-1	**Ethene**	**86**	0.24	1.0	ug/L
74-82-8	**Methane**	**330**	2.0	5.0	ug/L

MW4DMSD032222

Collect Date: 03/22/2022 13:20 | Lab ID: 22203232510
Receive Date: 03/23/2022 10:20 | Matrix: Water

EPA RSK175

Prep Date	Prep Batch	Prep Method	Dilution	Run Date	Run Batch	Analyst	%Moisture
NA	NA	NA	1	03/31/22 21:37	737367	AWE	NA

CAS#	Parameter	Result	DL	LOQ	Units
74-84-0	**Ethane**	**67**	0.17	1.0	ug/L
74-85-1	**Ethene**	**89**	0.24	1.0	ug/L

Sample Results

MW4DMSD032222

Collect Date	03/22/2022 13:20	Lab ID	22203232510
Receive Date	03/23/2022 10:20	Matrix	Water

EPA RSK175 (Continued)

Prep Date	Prep Batch	Prep Method	Dilution	Run Date	Run Batch	Analyst	%Moisture
NA	NA	NA	1	03/31/22 21:37	737367	AWE	NA

CAS#	Parameter	Result	DL	LOQ	Units
74-82-8	**Methane**	**330**	2.0	5.0	ug/L

MW4S032222

Collect Date	03/22/2022 15:00	Lab ID	22203232511
Receive Date	03/23/2022 10:20	Matrix	Water

EPA RSK175

Prep Date	Prep Batch	Prep Method	Dilution	Run Date	Run Batch	Analyst	%Moisture
NA	NA	NA	1	03/31/22 21:49	737367	AWE	NA

CAS#	Parameter	Result	DL	LOQ	Units
74-84-0	**Ethane**	**0.26J**	0.17	1.0	ug/L
74-85-1	Ethene	0.24U	0.24	1.0	ug/L
74-82-8	**Methane**	**31**	2.0	5.0	ug/L

QC TRIPBLANK

Collect Date	03/22/2022 00:01	Lab ID	22203232512
Receive Date	03/23/2022 10:20	Matrix	Water

EPA RSK175

Prep Date	Prep Batch	Prep Method	Dilution	Run Date	Run Batch	Analyst	%Moisture
NA	NA	NA	1	03/31/22 22:00	737367	AWE	NA

CAS#	Parameter	Result	DL	LOQ	Units
74-84-0	Ethane	0.17U	0.17	1.0	ug/L
74-85-1	Ethene	0.24U	0.24	1.0	ug/L
74-82-8	Methane	2.0U	2.0	5.0	ug/L

General Chromatography QC Summary

Analytical Batch 737367	Client ID	MB737367		LCS737367				LCSD737367				
	Lab ID	2326036		2326037				2326038				
	Sample Type	MB		LCS				LCSD				
	Prep Date	NA		NA				NA				
	Analysis Date	03/31/22 15:01		03/31/22 14:28				03/31/22 14:39				
	Matrix	Water		Water				Water				
EPA RSK175		Units Result	ug/L DL	Spike Added	Result	%R	Control Limits%R	Spike Added	Result	%R	RPD	RPD Limit
Ethane	74-84-0	0.17U	0.17	97	93	96	70 - 130	97	100	103	7	30
Ethene	74-85-1	0.24U	0.24	120	120	99	70 - 130	120	120	104	5	30
Methane	74-82-8	2.0U	2.0	380	410	108	70 - 130	380	430	113	5	30

Analytical Batch 737367	Client ID	MW4D032222		MW4DMS032222				MW4DMSD032222				
	Lab ID	22203232508		22203232509				22203232510				
	Sample Type	SAMPLE		MS				MSD				
	Prep Date	NA		NA				NA				
	Analysis Date	03/31/2022 21:15		03/31/22 21:26				03/31/22 21:37				
	Matrix	Water		Water				Water				
EPA RSK175		Units Result	ug/L DL	Spike Added	Result	%R	Control Limits%R	Spike Added	Result	%R	RPD	RPD Limit
Ethane	74-84-0	0.41	0.17	97	65	**67***	70 - 130	97	67	**69***	3	30
Ethene	74-85-1	0.11	0.24	120	86	72	70 - 130	120	89	74	3	30
Methane	74-82-8	34	2.0	380	330	76	70 - 130	380	330	78	2	30

Pace Analytical

CHAIN-OF-CUSTODY Analytical Request Document

Chain-of-Custody is a LEGAL DOCUMENT - Complete all relevent fields

LAB USE ONLY- Affix Wor

Client ID: OBG-NY - O'Brien & Gere NY

SDG: 222032325

PM: RWe

ALL SHAD

Container Preservative Ty

P

** Preservative Types: (1) nitric acid, (2) sulfuric acid, (3) hydrochloric acid, (4) sodium hydroxide, (5) zinc acetate, (6) methanol, (7) sodium bisulfate, (8) sodium thiosulfate, (9) hexane, (A) ascorbic acid, (B) ammonium sulfate, (C) ammonium hydroxide, (D) TSP, (U) Unpreserved, (O) Other _____

Company: Ramboll	Billing Information:
Address: 333 W. Washington St, Syracuse NY	
Report To: Yuri Veliz	Email To: Yuri.Veliz@ramboll.com
Copy To:	Site Collection Info/Address:
Customer Project Name/Number: Forest Glen Montana	State: NY / County/City: Niagara Falls / Time Zone Collected: [ ]PT [ ]MT [ ]CT [X]ET
Phone: / Email:	Site/Facility ID #: / Compliance Monitoring? [ ] Yes [ ] No
Collected By (print): Matt Schappert	Purchase Order #: 1950003279 / Quote #: / DW PWS ID #: / DW Location Code:
Collected By (signature):	Turnaround Date Required: / Immediately Packed on Ice: [X] Yes [ ] No
Sample Disposal: [ ] Dispose as appropriate [ ] Return [ ] Archive: _____ [ ] Hold: _____	Rush: [ ] Same Day [ ] Next Day [ ] 2 Day [ ] 3 Day [ ] 4 Day [ ] 5 Day (Expedite Charges Apply) / Field Filtered (if applicable): [ ] Yes [ ] No Analysis: _____

* Matrix Codes (Insert in Matrix box below): Drinking Water (DW), Ground Water (GW), Wastewater (WW), Product (P), Soil/Solid (SL), Oil (OL), Wipe (WP), Air (AR), Tissue (TS), Bioassay (B), Vapor (V), Other (OT)

Analyses: Light Hydrocarbons

Lab Profile/Line:

Lab Sample Receipt Checklist:

Custody Seals Present/Intact	Y N NA
Custody Signatures Present	Y N NA
Collector Signature Present	Y N NA
Bottles Intact	Y N NA
Correct Bottles	Y N NA
Sufficient Volume	Y N NA
Samples Received on Ice	Y N NA
VOA - Headspace Acceptable	Y N NA
USDA Regulated Soils	Y N NA
Samples in Holding Time	Y N NA
Residual Chlorine Present	Y N NA
Cl Strips: _____	
Sample pH Acceptable	Y N NA
pH Strips: _____	
Sulfide Present	Y N NA
Lead Acetate Strips: _____	

LAB USE ONLY:
Lab Sample # / Comments:

Customer Sample ID	Matrix *	Comp / Grab	Collected (or Composite Start) Date	Collected (or Composite Start) Time	Composite End Date	Composite End Time	Res Cl	# of Ctns	Light Hydrocarbons	
MW1S032122	Water	G	3/21/22	1452				3	1	1
MW1D032122		G	3/21/22	1455					1	2
MW5S032222		G	3/22/22	1055					1	3
MW5D032222		G		0915					1	4
MW6S032222		G		1040					1	5
MW6D032222		G		1200					1	6
MW6DD032222		G		0910					1	7
MW4D032222		G		1320					1	8
MW4DMS032222		G		1320					1	9
MW4DMSD032222		G		1320					1	10

Customer Remarks / Special Conditions / Possible Hazards:

Type of Ice Used: Wet Blue Dry None

Packing Material Used: 12 830 7WY 01 8944 5216

Radchem sample(s) screened (<500 cpm): Y N NA

SHORT HOLDS PRESENT (<72 hours): Y N N/A

Lab Tracking #: 2779462

Samples received via: FEDEX UPS Client Courier Pace Courier

Lab Sample Temperature Info:
Temp Blank Received: Y N NA
Therm ID#: _____
Cooler 1 Temp Upon Receipt: _____oC
Cooler 1 Therm Corr. Factor: _____oC
Cooler 1 Corrected Temp: _____oC
Comments: E34 5.4

Relinquished by/Company: (Signature) Matt Schappert Ramboll	Date/Time: 3/22/22 1600	Received by/Company: (Signature)	Date/Time:
Relinquished by/Company: (Signature) UPS	Date/Time: 3/23/22 1035	Received by/Company: (Signature) Brennan Perkins	Date/Time: 3/23/22 1035
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:

MTJL LAB USE ONLY
Table #:
Acctnum:
Template:
Prelogin:
PM:
PB:

Trip Blank Received: Y N NA
HCL MeOH TSP Other

Non Conformance(s): YES / NO

Page: _____ of: _____

Client ID: OBG-NY - O'Brien & Gere NY
SDG: 222032325
PM: RWe

CHAIN-OF-CUSTODY Analytical Request Document

Pace Analytical

Chain-of-Custody is a LEGAL DOCUMENT - Complete all relevent fields

LAB USE ONLY- Affix Wor

ALL SHAD

Company: Ramboll	Billing Information:
Address: 333 W. Washington Street	
Report To: Yuri Veliz	Email To: Yuri.Veliz@Ramboll.com
Copy To:	Site Collection Info/Address:
Customer Project Name/Number: Forest Glen Monitoring	State: NY / County/City: Niagara Falls / Time Zone Collected: [ ]PT [ ]MT [ ]CT [X]ET
Phone: / Email:	Site/Facility ID #: / Compliance Monitoring? [ ] Yes [ ] No
Collected By (print): Matt Schuppert	Purchase Order #: 1950003279 / Quote #: / DW PWS ID #: / DW Location Code:
Collected By (signature):	Turnaround Date Required: / Immediately Packed on Ice: [X] Yes [ ] No
Sample Disposal: [ ] Dispose as appropriate [ ] Return [ ] Archive: ____ [ ] Hold: ____	Rush: [ ] Same Day [ ] Next Day [ ] 2 Day [ ] 3 Day [ ] 4 Day [ ] 5 Day (Expedite Charges Apply) / Field Filtered (if applicable): [ ] Yes [ ] No / Analysis: ____

Container Preservative Type: D

** Preservative Types: (1) nitric acid, (2) sulfuric acid, (3) hydrochloric acid, (4) sodium hydroxide, (5) zinc acetate, (6) methanol, (7) sodium bisulfate, (8) sodium thiosulfate, (9) hexane, (A) ascorbic acid, (B) ammonium sulfate, (C) ammonium hydroxide, (D) TSP, (U) Unpreserved, (O) Other ____

* Matrix Codes (Insert in Matrix box below): Drinking Water (DW), Ground Water (GW), Wastewater (WW), Product (P), Soil/Solid (SL), Oil (OL), Wipe (WP), Air (AR), Tissue (TS), Bioassay (B), Vapor (V), Other (OT)

Customer Sample ID	Matrix *	Comp / Grab	Collected (or Composite Start) Date	Collected (or Composite Start) Time	Composite End Date	Composite End Time	Res Cl	# of Ctns	Analyses: Light Hydrocarbons	Lab Profile/Line
MW45032222	Water	G	3/22/22	1500				3	X	11
QC Trip Blank								2		12

Lab Sample Receipt Checklist:

Custody Seals Present/Intact	Y N NA
Custody Signatures Present	Y N NA
Collector Signature Present	Y N NA
Bottles Intact	Y N NA
Correct Bottles	Y N NA
Sufficient Volume	Y N NA
Samples Received on Ice	Y N NA
VOA - Headspace Acceptable	Y N NA
USDA Regulated Soils	Y N NA
Samples in Holding Time	Y N NA
Residual Chlorine Present	Y N NA
Cl Strips: ____	
Sample pH Acceptable	Y N NA
pH Strips: ____	
Sulfide Present	Y N NA
Lead Acetate Strips: ____	

LAB USE ONLY:
Lab Sample # / Comments:

Customer Remarks / Special Conditions / Possible Hazards:

Type of Ice Used: Wet Blue Dry None

Packing Material Used: 1Z 830 7WX 01 8944 5246

Radchem sample(s) screened (<500 cpm): Y N NA

SHORT HOLDS PRESENT (<72 hours): Y N N/A

Lab Tracking #: 2779463

Samples received via: FEDEX UPS Client Courier Pace Courier

Lab Sample Temperature Info:
Temp Blank Received: Y N NA
Therm ID#: ____
Cooler 1 Temp Upon Receipt: ____oC
Cooler 1 Therm Corr. Factor: ____oC
Cooler 1 Corrected Temp: ____oC
Comments: E34 5.4

Relinquished by/Company: (Signature) Ramboll	Date/Time: 3/22/22 1600	Received by/Company: (Signature)	Date/Time:
Relinquished by/Company: (Signature) UPS	Date/Time: 3/23/22 1035	Received by/Company: (Signature)	Date/Time: 3/23/22 1035
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:

MTJL LAB USE ONLY
Table #:
Acctnum:
Template:
Prelogin:
PM:
PB:

Trip Blank Received: Y N NA
HCL MeOH TSP Other

Non Conformance(s): YES / NO

Page: ____ of: ____

SAMPLE RECEIVING CHECKLIST

SAMPLE DELIVERY GROUP 222032325	
Client **PM** RWe OBG-NY - O'Brien & Gere NY	**Transport Method** UPS
Profile Number 284604	**Received By** Henderson, Jacob R.
Line Item(s) 1 - RSK-175	**Receive Date(s)** 03/23/22

CHECKLIST	YES	NO
Samples received with proper thermal preservation?	☑	☐
Radioactivity is <1600 cpm? If no, record cpm value in notes section.	☑	☐
COC relinquished and complete (including sampleIDs, collect times, and sampler)?	☐	☑
All containers received in good condition and within hold time?	☑	☐
All sample labels and containers received match the chain of custody?	☑	☐
Preservative added to any containers?	☐	☑
If received, was headspace for VOC water containers < 6mm?	☑	☐
Samples collected in containers provided by Pace Gulf Coast?	☑	☐

COOLERS

Airbill	Thermometer ID: E34	Temp °C
		5.4

DISCREPANCIES

22203232512 - QC TRIPBLANK:
Sample Discrepancy

LAB PRESERVATIONS

None

NOTES

NO TIME FOR TB SAMPLE

LELAP CERTIFICATE NUMBER: 01955
DOD-ELAP ACCREDITATION NUMBER: 74960

ANALYTICAL RESULTS

PERFORMED BY

Pace Analytical Gulf Coast
7979 Innovation Park Dr.
Baton Rouge, LA 70820
(225) 769-4900

Report Date 04/06/2022

Report # 222032592

Project Forest Glen Superfund

Samples Collected 3/23/22 - 3/24/22

Deliver To	***Additional Recipients***
Yuri Veliz Ramboll Americas 333 W Washington St Syracuse, NY 13202 315-956-6100	David Carnevale, Ramboll Americas

Laboratory Endorsement

Sample analysis was performed in accordance with approved methodologies provided by the Environmental Protection Agency or other recognized agencies. The samples and their corresponding extracts will be maintained for a period of 30 days unless otherwise arranged. Following this retention period the samples will be disposed in accordance with Pace Gulf Coast's Standard Operating Procedures.

Common Abbreviations that may be Utilized in this Report

ND	Indicates the result was Not Detected at the specified reporting limit
NO	Indicates the sample did not ignite when preliminary test performed for EPA Method 1030
DO	Indicates the result was Diluted Out
MI	Indicates the result was subject to Matrix Interference
TNTC	Indicates the result was Too Numerous To Count
SUBC	Indicates the analysis was Sub-Contracted
FLD	Indicates the analysis was performed in the Field
DL	Detection Limit
LOD	Limit of Detection
LOQ	Limit of Quantitation
RE	Re-analysis
CF	HPLC or GC Confirmation
00:01	Reported as a time equivalent to 12:00 AM

Reporting Flags that may be Utilized in this Report

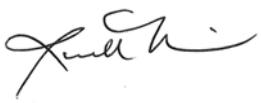
J or I	Indicates the result is between the MDL and LOQ
J	DOD flag on analyte in the parent sample for MS/MSD outside acceptance criteria
U	Indicates the compound was analyzed for but not detected
B or V	Indicates the analyte was detected in the associated Method Blank
Q	Indicates a non-compliant QC Result (See Q Flag Application Report)
*****	Indicates a non-compliant or not applicable QC recovery or RPD – see narrative
E	Organics - The result is estimated because it exceeded the instrument calibration range
E	Metals - % diference for the serial dilution is > 10%
L	Reporting Limits adjusted to meet risk-based limit.
P	RPD between primary and confirmation result is greater than 40
DL	Diluted analysis – when appended to Client Sample ID

Sample receipt at Pace Gulf Coast is documented through the attached chain of custody. In accordance with NELAC, this report shall be reproduced only in full and with the written permission of Pace Gulf Coast. The results contained within this report relate only to the samples reported. The documented results are presented within this report.

This report pertains only to the samples listed in the Report Sample Summary and should be retained as a permanent record thereof. The results contained within this report are intended for the use of the client. Any unauthorized use of the information contained in this report is prohibited.

I certify that this data package is in compliance with The NELAC Institute (TNI) Standard 2009 and terms and conditions of the contract and Statement of Work both technically and for completeness, for other than the conditions in the case narrative. Release of the data contained in this hardcopy data package and in the computer readable data submitted has been authorized by the Quality Assurance Manager or his/her designee, as verified by the following signature.

Estimated uncertainty of measurement is available upon request. This report is in compliance with the DOD QSM as specified in the contract if applicable.



Authorized Signature
Pace Gulf Coast Report 222032592

Certifications

Certification	Certification Number
DOD ELAP	74960
Alabama	01955
Arkansas	88-0655
Colorado	01955
Delaware	01955
Florida	E87854
Georgia	01955
Hawaii	01955
Idaho	01955
Illinois	200048
Indiana	01955
Kansas	E-10354
Kentucky	95
Louisiana	01955
Maryland	01955
Massachusetts	01955
Michigan	01955
Mississippi	01955
Missouri	01955
Montana	N/A
Nebraska	01955
New Mexico	01955
North Carolina	618
North Dakota	R-195
Oklahoma	9403
South Carolina	73006001
South Dakota	01955
Tennessee	01955
Texas	T104704178
Vermont	01955
Virginia	460215
Washington	C929
USDA Soil Permit	P330-16-00234

Case Narrative

Client: O'Brien & Gere NY **Report:** 222032592

Pace Analytical Gulf Coast received and analyzed the sample(s) listed
on the Report Sample Summary page of this report. Receipt of the sample(s) is documented
by the attached chain of custody. This applies only to the sample(s) listed in this report.
No sample integrity or quality control exceptions were identified unless noted below.

No anomalies were found for the analyzed sample(s).

Sample Summary

Lab ID	Client ID	Matrix	Collect Date	Receive Date
22203259201	MW8D032322	Water	3/23/22 09:10	3/25/22 09:50
22203259202	MW8S032322	Water	3/23/22 10:45	3/25/22 09:50
22203259203	MW8DD032322	Water	3/23/22 12:15	3/25/22 09:50
22203259204	MW7S032322	Water	3/23/22 11:50	3/25/22 09:50
22203259205	MW7DD032322	Water	3/23/22 10:35	3/25/22 09:50
22203259206	X1	Water	3/23/22 00:01	3/25/22 09:50
22203259207	MW7D032322	Water	3/23/22 13:20	3/25/22 09:50
22203259208	MW10S032422	Water	3/24/22 08:55	3/25/22 09:50
22203259209	MW10D032422	Water	3/24/22 08:58	3/25/22 09:50
22203259210	QCTRIP BLANK	Water	3/24/22 00:01	3/25/22 09:50

Detect Summary

Results and Detection Limits are adjusted for dilution and moisture when applicable

EPA RSK175						
Lab ID	**Client ID**	**Parameter**	**Units**	**Result**	**Dil.**	**%Moist**
22203259201	MW8D032322	Ethane	ug/L	0.29J	1	NA
22203259201	MW8D032322	Methane	ug/L	200	1	NA
22203259202	MW8S032322	Methane	ug/L	3.1J	1	NA
22203259203	MW8DD032322	Methane	ug/L	100	1	NA
22203259204	MW7S032322	Methane	ug/L	3.6J	1	NA
22203259205	MW7DD032322	Ethane	ug/L	0.62J	1	NA
22203259205	MW7DD032322	Methane	ug/L	47	1	NA
22203259206	X1	Methane	ug/L	180	1	NA
22203259208	MW10S032422	Methane	ug/L	240	1	NA
22203259209	MW10D032422	Methane	ug/L	340	1	NA
22203259210	QCTRIP BLANK	Methane	ug/L	2.2J	1	NA

Sample Results

MW8D032322

Collect Date	03/23/2022 09:10	Lab ID	22203259201
Receive Date	03/25/2022 09:50	Matrix	Water

EPA RSK175

Prep Date	Prep Batch	Prep Method	Dilution	Run Date	Run Batch	Analyst	%Moisture
NA	NA	NA	1	04/05/22 14:18	737686	AWE	NA

CAS#	Parameter	Result	DL	LOQ	Units
74-84-0	**Ethane**	**0.29J**	0.17	1.0	ug/L
74-85-1	Ethene	0.24U	0.24	1.0	ug/L
74-82-8	**Methane**	**200**	2.0	5.0	ug/L

MW8S032322

Collect Date	03/23/2022 10:45	Lab ID	22203259202
Receive Date	03/25/2022 09:50	Matrix	Water

EPA RSK175

Prep Date	Prep Batch	Prep Method	Dilution	Run Date	Run Batch	Analyst	%Moisture
NA	NA	NA	1	04/05/22 14:29	737686	AWE	NA

CAS#	Parameter	Result	DL	LOQ	Units
74-84-0	Ethane	0.17U	0.17	1.0	ug/L
74-85-1	Ethene	0.24U	0.24	1.0	ug/L
74-82-8	**Methane**	**3.1J**	2.0	5.0	ug/L

MW8DD032322

Collect Date	03/23/2022 12:15	Lab ID	22203259203
Receive Date	03/25/2022 09:50	Matrix	Water

EPA RSK175

Prep Date	Prep Batch	Prep Method	Dilution	Run Date	Run Batch	Analyst	%Moisture
NA	NA	NA	1	04/05/22 14:41	737686	AWE	NA

CAS#	Parameter	Result	DL	LOQ	Units
74-84-0	Ethane	0.17U	0.17	1.0	ug/L
74-85-1	Ethene	0.24U	0.24	1.0	ug/L
74-82-8	**Methane**	**100**	2.0	5.0	ug/L

MW7S032322

Collect Date	03/23/2022 11:50	Lab ID	22203259204
Receive Date	03/25/2022 09:50	Matrix	Water

EPA RSK175

Prep Date	Prep Batch	Prep Method	Dilution	Run Date	Run Batch	Analyst	%Moisture
NA	NA	NA	1	04/05/22 14:52	737686	AWE	NA

CAS#	Parameter	Result	DL	LOQ	Units
74-84-0	Ethane	0.17U	0.17	1.0	ug/L
74-85-1	Ethene	0.24U	0.24	1.0	ug/L

Sample Results

MW7S032322

Collect Date	03/23/2022 11:50	Lab ID	22203259204
Receive Date	03/25/2022 09:50	Matrix	Water

EPA RSK175 (Continued)

Prep Date	Prep Batch	Prep Method	Dilution	Run Date	Run Batch	Analyst	%Moisture
NA	NA	NA	1	04/05/22 14:52	737686	AWE	NA

CAS#	Parameter	Result	DL	LOQ	Units
74-82-8	**Methane**	**3.6J**	2.0	5.0	ug/L

MW7DD032322

Collect Date	03/23/2022 10:35	Lab ID	22203259205
Receive Date	03/25/2022 09:50	Matrix	Water

EPA RSK175

Prep Date	Prep Batch	Prep Method	Dilution	Run Date	Run Batch	Analyst	%Moisture
NA	NA	NA	1	04/05/22 15:04	737686	AWE	NA

CAS#	Parameter	Result	DL	LOQ	Units
74-84-0	**Ethane**	**0.62J**	0.17	1.0	ug/L
74-85-1	Ethene	0.24U	0.24	1.0	ug/L
74-82-8	**Methane**	**47**	2.0	5.0	ug/L

X1

Collect Date	03/23/2022 00:01	Lab ID	22203259206
Receive Date	03/25/2022 09:50	Matrix	Water

EPA RSK175

Prep Date	Prep Batch	Prep Method	Dilution	Run Date	Run Batch	Analyst	%Moisture
NA	NA	NA	1	04/05/22 15:22	737686	AWE	NA

CAS#	Parameter	Result	DL	LOQ	Units
74-84-0	Ethane	0.17U	0.17	1.0	ug/L
74-85-1	Ethene	0.24U	0.24	1.0	ug/L
74-82-8	**Methane**	**180**	2.0	5.0	ug/L

MW7D032322

Collect Date	03/23/2022 13:20	Lab ID	22203259207
Receive Date	03/25/2022 09:50	Matrix	Water

EPA RSK175

Prep Date	Prep Batch	Prep Method	Dilution	Run Date	Run Batch	Analyst	%Moisture
NA	NA	NA	1	04/05/22 15:41	737686	AWE	NA

CAS#	Parameter	Result	DL	LOQ	Units
74-84-0	Ethane	0.17U	0.17	1.0	ug/L
74-85-1	Ethene	0.24U	0.24	1.0	ug/L

Sample Results

MW7D032322

Collect Date	03/23/2022 13:20	Lab ID	22203259207
Receive Date	03/25/2022 09:50	Matrix	Water

EPA RSK175 (Continued)

Prep Date	Prep Batch	Prep Method	Dilution	Run Date	Run Batch	Analyst	%Moisture
NA	NA	NA	1	04/05/22 15:41	737686	AWE	NA

CAS#	Parameter	Result	DL	LOQ	Units
74-82-8	Methane	2.0U	2.0	5.0	ug/L

MW10S032422

Collect Date	03/24/2022 08:55	Lab ID	22203259208
Receive Date	03/25/2022 09:50	Matrix	Water

EPA RSK175

Prep Date	Prep Batch	Prep Method	Dilution	Run Date	Run Batch	Analyst	%Moisture
NA	NA	NA	1	04/05/22 15:52	737686	AWE	NA

CAS#	Parameter	Result	DL	LOQ	Units
74-84-0	Ethane	0.17U	0.17	1.0	ug/L
74-85-1	Ethene	0.24U	0.24	1.0	ug/L
74-82-8	**Methane**	**240**	2.0	5.0	ug/L

MW10D032422

Collect Date	03/24/2022 08:58	Lab ID	22203259209
Receive Date	03/25/2022 09:50	Matrix	Water

EPA RSK175

Prep Date	Prep Batch	Prep Method	Dilution	Run Date	Run Batch	Analyst	%Moisture
NA	NA	NA	1	04/05/22 18:25	737716	AWE	NA

CAS#	Parameter	Result	DL	LOQ	Units
74-84-0	Ethane	0.17U	0.17	1.0	ug/L
74-85-1	Ethene	0.24U	0.24	1.0	ug/L
74-82-8	**Methane**	**340**	2.0	5.0	ug/L

QCTRIP BLANK

Collect Date	03/24/2022 00:01	Lab ID	22203259210
Receive Date	03/25/2022 09:50	Matrix	Water

EPA RSK175

Prep Date	Prep Batch	Prep Method	Dilution	Run Date	Run Batch	Analyst	%Moisture
NA	NA	NA	1	04/05/22 18:36	737716	AWE	NA

CAS#	Parameter	Result	DL	LOQ	Units
74-84-0	Ethane	0.17U	0.17	1.0	ug/L
74-85-1	Ethene	0.24U	0.24	1.0	ug/L

Sample Results

QCTRIP BLANK

Collect Date	03/24/2022 00:01	**Lab ID**	22203259210
Receive Date	03/25/2022 09:50	**Matrix**	Water

EPA RSK175 (Continued)

Prep Date	Prep Batch	Prep Method	Dilution	Run Date	Run Batch	Analyst	%Moisture
NA	NA	NA	1	04/05/22 18:36	737716	AWE	NA

CAS#	Parameter	Result	DL	LOQ	Units
74-82-8	Methane	2.2J	2.0	5.0	ug/L

General Chromatography QC Summary

Analytical Batch 737686	Client ID	MB737686		LCS737686				LCSD737686				
	Lab ID	2327750		2327751				2327752				
	Sample Type	MB		LCS				LCSD				
	Prep Date	NA		NA				NA				
	Analysis Date	04/05/22 11:09		04/05/22 10:35				04/05/22 10:46				
	Matrix	Water		Water				Water				
EPA RSK175		Units Result	ug/L DL	Spike Added	Result	%R	Control Limits%R	Spike Added	Result	%R	RPD	RPD Limit
Ethane	74-84-0	0.17U	0.17	97	83	85	70 - 130	97	88	91	6	30
Ethene	74-85-1	0.24U	0.24	120	110	89	70 - 130	120	110	93	5	30
Methane	74-82-8	2.0U	2.0	380	360	92	70 - 130	380	370	96	4	30

Analytical Batch 737716	Client ID	MB737716		LCS737716				LCSD737716				
	Lab ID	2327915		2327916				2327917				
	Sample Type	MB		LCS				LCSD				
	Prep Date	NA		NA				NA				
	Analysis Date	04/05/22 17:24		04/05/22 16:37				04/05/22 17:02				
	Matrix	Water		Water				Water				
EPA RSK175		Units Result	ug/L DL	Spike Added	Result	%R	Control Limits%R	Spike Added	Result	%R	RPD	RPD Limit
Ethane	74-84-0	0.17U	0.17	97	92	94	70 - 130	97	93	96	2	30
Ethene	74-85-1	0.24U	0.24	120	120	97	70 - 130	120	120	99	3	30
Methane	74-82-8	2.0U	2.0	380	390	101	70 - 130	380	390	102	1	30

Client ID: OBG-NY - O'Brien & Gere NY
SDG: 222032592
PM: RWe

CHAIN-OF-CUSTODY Analytical Request Document

Pace Analytical

Chain-of-Custody is a LEGAL DOCUMENT - Complete all relevent fields

LAB USE ONLY- Affix Work

ALL SHAD

Company: Ramboll
Billing Information:
Address: 333 W. Washington St, Syracuse NY
Report To: Yuri Veliz
Email To: Yuri.Veliz@ramboil.com
Copy To:
Site Collection Info/Address:
Customer Project Name/Number: Forest Glen Monitoring
State: NY County/City: Niagara Falls Time Zone Collected: [ ]PT [ ]MT [ ]CT [X]ET
Phone:
Email:
Site/Facility ID #:
Compliance Monitoring? [ ] Yes [ ] No
Collected By (print): MBS / MK
Purchase Order #: 195 000 3279
Quote #:
DW PWS ID #:
DW Location Code:
Collected By (signature):
Turnaround Date Required:
Immediately Packed on Ice: [X] Yes [ ] No
Sample Disposal: [ ] Dispose as appropriate [ ] Return [ ] Archive: [ ] Hold:
Rush: [ ] Same Day [ ] Next Day [ ] 2 Day [ ] 3 Day [ ] 4 Day [ ] 5 Day (Expedite Charges Apply)
Field Filtered (if applicable): [ ] Yes [ ] No
Analysis:

* Matrix Codes (Insert in Matrix box below): Drinking Water (DW), Ground Water (GW), Wastewater (WW), Product (P), Soil/Solid (SL), Oil (OL), Wipe (WP), Air (AR), Tissue (TS), Bioassay (B), Vapor (V), Other (OT)

Container Preservative Type: D

** Preservative Types: (1) nitric acid, (2) sulfuric acid, (3) hydrochloric acid, (4) sodium hydroxide, (5) zinc acetate, (6) methanol, (7) sodium bisulfate, (8) sodium thiosulfate, (9) hexane, (A) ascorbic acid, (B) ammonium sulfate, (C) ammonium hydroxide, (D) TSP, (U) Unpreserved, (O) Other

Analyses: Light hydrocarbons

Customer Sample ID	Matrix *	Comp / Grab	Collected (or Composite Start) Date	Collected (or Composite Start) Time	Composite End Date	Composite End Time	Res Cl	# of Ctns	Light hydrocarbons	
MW8D032322	Water	G	3/23/22	0910				3	X	1
MW85032322	Water	G	3/23/22	1045				3		2
MW8DD032322	Water	G	3/23/22	1215				3		3
MW75032322	Water	G	3/23/22	1150				3		4
MW7DD032322	Water	G	3/23/22	1035				3		5
X1	Water	G	3/23/22					3		6
MW7D032322	Water	G	3/23/22	1320				3		7
MW185032422	Water	G	3/24/22	0855				3		8
MW10D032422	Water	G	3/24/22	0858				3		9
QCTripBlank	Water	G	3/24/22					2	X	10

Lab Profile/Line:

Lab Sample Receipt Checklist:

Custody Seals Present/Intact	Y N NA
Custody Signatures Present	Y N NA
Collector Signature Present	Y N NA
Bottles Intact	Y N NA
Correct Bottles	Y N NA
Sufficient Volume	Y N NA
Samples Received on Ice	Y N NA
VOA - Headspace Acceptable	Y N NA
USDA Regulated Soils	Y N NA
Samples in Holding Time	Y N NA
Residual Chlorine Present	Y N NA
Cl Strips:	
Sample pH Acceptable	Y N NA
pH Strips:	
Sulfide Present	Y N NA
Lead Acetate Strips:	

LAB USE ONLY:
Lab Sample # / Comments:

Customer Remarks / Special Conditions / Possible Hazards:

Type of Ice Used: Wet Blue Dry None

Packing Material Used: 12 830 TWX 01 2247

Radchem sample(s) screened (<500 cpm): Y N NA

SHORT HOLDS PRESENT (<72 hours): Y N N/A

Lab Tracking #: 7958 2779464

Samples received via: FEDEX UPS Client Courier Pace Courier

Lab Sample Temperature Info:
Temp Blank Received: Y N NA
Therm ID#:
Cooler 1 Temp Upon Receipt: ____oC
Cooler 1 Therm Corr. Factor: ____oC
Cooler 1 Corrected Temp: ____oC
Comments: E34 3.8

Relinquished by/Company: (Signature) Ramboll	Date/Time: 3/24/22 1200	Received by/Company: (Signature) Brennan Perkins	Date/Time: 3/25/22	MTJL LAB USE ONLY
Relinquished by/Company: (Signature)	Date/Time: 0950 3/25/22	Received by/Company: (Signature) Brennan Perkins	Date/Time: 0950 3/25/22	Table #: Acctnum: Template: Prelogin: PM: PB:
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:	

Trip Blank Received: Y N NA
HCL MeOH TSP Other

Non Conformance(s): YES / NO

Page: ____ of: ____

SAMPLE RECEIVING CHECKLIST

SAMPLE DELIVERY GROUP 222032592	
Client **PM** RWe OBG-NY - O'Brien & Gere NY	**Transport Method** UPS
Profile Number 284604	**Received By** Henderson, Jacob R.
Line Item(s) 1 - RSK-175	**Receive Date(s)** 03/25/22

CHECKLIST	YES	NO
Samples received with proper thermal preservation?	☑	☐
Radioactivity is <1600 cpm? If no, record cpm value in notes section.	☑	☐
COC relinquished and complete (including sampleIDs, collect times, and sampler)?	☑	☐
All containers received in good condition and within hold time?	☑	☐
All sample labels and containers received match the chain of custody?	☑	☐
Preservative added to any containers?	☐	☑
If received, was headspace for VOC water containers < 6mm?	☑	☐
Samples collected in containers provided by Pace Gulf Coast?	☑	☐

COOLERS

Airbill	Thermometer ID: E34	Temp °C
		3.8

DISCREPANCIES

None

LAB PRESERVATIONS

None

NOTES

eurofins | Environment Testing America

ANALYTICAL REPORT

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

Laboratory Job ID: 480-199246-1
Laboratory Sample Delivery Group: 480-199246-1
Client Project/Site: Forest Glen Monitoring

For:
O'Brien & Gere Inc of North America
333 West Washington St.
PO BOX 4873
East Syracuse, New York 13221

Attn: Mr. David J Carnevale

Authorized for release by:
6/29/2022 6:45:48 PM
Rebecca Jones, Project Management Assistant I
Rebecca.Jones@et.eurofinsus.com

Designee for

John Schove, Project Manager II
(716)504-9838
John.Schove@et.eurofinsus.com

Table of Contents

Definitions/Glossary

Client: O'Brien & Gere Inc of North America
Project/Site: Forest Glen Monitoring

Job ID: 480-199246-1
SDG: 480-199246-1

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
E	Result exceeded calibration range.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

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

Job ID: 480-199246-1

Laboratory: Eurofins Buffalo

Narrative

Job Narrative
480-199246-1

Comments
No additional comments.

Receipt
The samples were received on 6/22/2022 4:20 PM and 6/23/2022 1:20 PM. Unless otherwise noted below, the samples arrived in good condition, and where required, properly preserved and on ice. The temperatures of the 2 coolers at receipt time were 5.2º C and 14.3º C.

GC/MS VOA
Method 8260C: The continuing calibration verification (CCV) associated with batch 480-631257 recovered outside acceptance criteria, low biased, for 2-Hexanone, 2-Butanone (MEK) and 4-Methyl-2-pentanone (MIBK). A reporting limit (RL) standard was analyzed, and the target analytes are detected. Since the associated samples were non-detect for the analytes, the data are reported. The associated samples are impacted: MW-1D 062122 (480-199246-1), MW-1S 062122 (480-199246-2), MW-6D 062222 (480-199246-3), MW-6DD 062222 (480-199246-4), MW-6S 062222 (480-199246-5), MW-5D 062222 (480-199246-6), MW-5S 062222 (480-199246-7), MW-10D 062222 (480-199246-8), MW-4D 062222 (480-199246-9), MW-10S 062222 (480-199246-10), X-1 062222 (480-199246-11) and TRIP BLANK (480-199246-12).

Method 8260C: The continuing calibration verification (CCV) associated with batch 480-631257 recovered above the upper control limit for 1,2,4-Trichlorobenzene. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated samples are impacted: MW-1D 062122 (480-199246-1), MW-1S 062122 (480-199246-2), MW-6D 062222 (480-199246-3), MW-6DD 062222 (480-199246-4), MW-6S 062222 (480-199246-5), MW-5D 062222 (480-199246-6), MW-5S 062222 (480-199246-7), MW-10D 062222 (480-199246-8), MW-4D 062222 (480-199246-9), MW-10S 062222 (480-199246-10), X-1 062222 (480-199246-11) and TRIP BLANK (480-199246-12).

Method 8260C: The following sample was diluted to bring the concentration of target analytes within the calibration range: MW-5S 062222 (480-199246-7). Elevated reporting limits (RLs) are provided.

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

Detection Summary

Client: O'Brien & Gere Inc of North America
Project/Site: Forest Glen Monitoring

Job ID: 480-199246-1
SDG: 480-199246-1

Client Sample ID: MW-1D 062122 — Lab Sample ID: 480-199246-1

No Detections.

Client Sample ID: MW-1S 062122 — Lab Sample ID: 480-199246-2

No Detections.

Client Sample ID: MW-6D 062222 — Lab Sample ID: 480-199246-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	0.50	J	1.0	0.38	ug/L	1		8260C	Total/NA
Vinyl chloride	1.1		1.0	0.90	ug/L	1		8260C	Total/NA

Client Sample ID: MW-6DD 062222 — Lab Sample ID: 480-199246-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	22		1.0	0.81	ug/L	1		8260C	Total/NA
Vinyl chloride	6.3		1.0	0.90	ug/L	1		8260C	Total/NA

Client Sample ID: MW-6S 062222 — Lab Sample ID: 480-199246-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	8.2		1.0	0.81	ug/L	1		8260C	Total/NA

Client Sample ID: MW-5D 062222 — Lab Sample ID: 480-199246-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	0.40	J	1.0	0.38	ug/L	1		8260C	Total/NA
Methyl tert-butyl ether	0.40	J	1.0	0.16	ug/L	1		8260C	Total/NA

Client Sample ID: MW-5S 062222 — Lab Sample ID: 480-199246-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1,1-Trichloroethane	6.8		1.0	0.82	ug/L	1		8260C	Total/NA
1,1-Dichloroethane	32		1.0	0.38	ug/L	1		8260C	Total/NA
1,1-Dichloroethene	3.7		1.0	0.29	ug/L	1		8260C	Total/NA
cis-1,2-Dichloroethene	110	E	1.0	0.81	ug/L	1		8260C	Total/NA
Tetrachloroethene	0.55	J	1.0	0.36	ug/L	1		8260C	Total/NA
trans-1,2-Dichloroethene	4.2		1.0	0.90	ug/L	1		8260C	Total/NA
Trichloroethene	30		1.0	0.46	ug/L	1		8260C	Total/NA
Vinyl chloride	4.9		1.0	0.90	ug/L	1		8260C	Total/NA
1,1,1-Trichloroethane - DL	5.8		2.0	1.6	ug/L	2		8260C	Total/NA
1,1-Dichloroethane - DL	30		2.0	0.76	ug/L	2		8260C	Total/NA
1,1-Dichloroethene - DL	3.3		2.0	0.58	ug/L	2		8260C	Total/NA
cis-1,2-Dichloroethene - DL	110		2.0	1.6	ug/L	2		8260C	Total/NA
trans-1,2-Dichloroethene - DL	3.9		2.0	1.8	ug/L	2		8260C	Total/NA
Trichloroethene - DL	27		2.0	0.92	ug/L	2		8260C	Total/NA
Vinyl chloride - DL	5.3		2.0	1.8	ug/L	2		8260C	Total/NA

Client Sample ID: MW-10D 062222 — Lab Sample ID: 480-199246-8

No Detections.

Client Sample ID: MW-4D 062222 — Lab Sample ID: 480-199246-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methyl tert-butyl ether	0.41	J	1.0	0.16	ug/L	1		8260C	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins Buffalo

Detection Summary

Client: O'Brien & Gere Inc of North America
Project/Site: Forest Glen Monitoring

Job ID: 480-199246-1
SDG: 480-199246-1

Client Sample ID: MW-10S 062222 — Lab Sample ID: 480-199246-10

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	32		1.0	0.81	ug/L	1		8260C	Total/NA
Vinyl chloride	4.7		1.0	0.90	ug/L	1		8260C	Total/NA

Client Sample ID: X-1 062222 — Lab Sample ID: 480-199246-11

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methyl tert-butyl ether	0.39	J	1.0	0.16	ug/L	1		8260C	Total/NA

Client Sample ID: TRIP BLANK — Lab Sample ID: 480-199246-12

No Detections.

Client Sample ID: MW-8DD 062322 — Lab Sample ID: 480-199280-1

No Detections.

Client Sample ID: MW-7D 062322 — Lab Sample ID: 480-199280-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Trichloroethene	0.98	J	1.0	0.46	ug/L	1		8260C	Total/NA

Client Sample ID: MW-8S 062322 — Lab Sample ID: 480-199280-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	2.2		1.0	0.81	ug/L	1		8260C	Total/NA
Tetrachloroethene	0.46	J	1.0	0.36	ug/L	1		8260C	Total/NA
Trichloroethene	2.4		1.0	0.46	ug/L	1		8260C	Total/NA

Client Sample ID: MW-7S 062322 — Lab Sample ID: 480-199280-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Trichloroethene	0.75	J	1.0	0.46	ug/L	1		8260C	Total/NA

Client Sample ID: MW-8D 062322 — Lab Sample ID: 480-199280-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methyl tert-butyl ether	0.18	J	1.0	0.16	ug/L	1		8260C	Total/NA
Vinyl chloride	1.4		1.0	0.90	ug/L	1		8260C	Total/NA

Client Sample ID: MW-7DD-2 062322 — Lab Sample ID: 480-199280-6

No Detections.

Client Sample ID: MW-4S 062322 — Lab Sample ID: 480-199280-7

No Detections.

Client Sample ID: TRIP BLANK — Lab Sample ID: 480-199280-8

No Detections.

This Detection Summary does not include radiochemical test results.

Client: O'Brien & Gere Inc of North America
Project/Site: Forest Glen Monitoring

Job ID: 480-199246-1
SDG: 480-199246-1

Client Sample ID: MW-1D 062122
Date Collected: 06/21/22 14:50
Date Received: 06/22/22 16:20

Lab Sample ID: 480-199246-1
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	ND		1.0	0.82	ug/L			06/23/22 14:21	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			06/23/22 14:21	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			06/23/22 14:21	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			06/23/22 14:21	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			06/23/22 14:21	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			06/23/22 14:21	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			06/23/22 14:21	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			06/23/22 14:21	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			06/23/22 14:21	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			06/23/22 14:21	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			06/23/22 14:21	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			06/23/22 14:21	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			06/23/22 14:21	1
2-Butanone (MEK)	ND		10	1.3	ug/L			06/23/22 14:21	1
2-Hexanone	ND		5.0	1.2	ug/L			06/23/22 14:21	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			06/23/22 14:21	1
Acetone	ND		10	3.0	ug/L			06/23/22 14:21	1
Benzene	ND		1.0	0.41	ug/L			06/23/22 14:21	1
Bromodichloromethane	ND		1.0	0.39	ug/L			06/23/22 14:21	1
Bromoform	ND		1.0	0.26	ug/L			06/23/22 14:21	1
Bromomethane	ND		1.0	0.69	ug/L			06/23/22 14:21	1
Carbon disulfide	ND		1.0	0.19	ug/L			06/23/22 14:21	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			06/23/22 14:21	1
Chlorobenzene	ND		1.0	0.75	ug/L			06/23/22 14:21	1
Dibromochloromethane	ND		1.0	0.32	ug/L			06/23/22 14:21	1
Chloroethane	ND		1.0	0.32	ug/L			06/23/22 14:21	1
Chloroform	ND		1.0	0.34	ug/L			06/23/22 14:21	1
Chloromethane	ND		1.0	0.35	ug/L			06/23/22 14:21	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			06/23/22 14:21	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			06/23/22 14:21	1
Cyclohexane	ND		1.0	0.18	ug/L			06/23/22 14:21	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			06/23/22 14:21	1
Ethylbenzene	ND		1.0	0.74	ug/L			06/23/22 14:21	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			06/23/22 14:21	1
Isopropylbenzene	ND		1.0	0.79	ug/L			06/23/22 14:21	1
Methyl acetate	ND		2.5	1.3	ug/L			06/23/22 14:21	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			06/23/22 14:21	1
Methylcyclohexane	ND		1.0	0.16	ug/L			06/23/22 14:21	1
Methylene Chloride	ND		1.0	0.44	ug/L			06/23/22 14:21	1
Styrene	ND		1.0	0.73	ug/L			06/23/22 14:21	1
Tetrachloroethene	ND		1.0	0.36	ug/L			06/23/22 14:21	1
Toluene	ND		1.0	0.51	ug/L			06/23/22 14:21	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			06/23/22 14:21	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			06/23/22 14:21	1
Trichloroethene	ND		1.0	0.46	ug/L			06/23/22 14:21	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			06/23/22 14:21	1
Vinyl chloride	ND		1.0	0.90	ug/L			06/23/22 14:21	1
Xylenes, Total	ND		2.0	0.66	ug/L			06/23/22 14:21	1

Client Sample ID: MW-1D 062122

Date Collected: 06/21/22 14:50
Date Received: 06/22/22 16:20

Lab Sample ID: 480-199246-1

Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	96		80 - 120		06/23/22 14:21	1
1,2-Dichloroethane-d4 (Surr)	102		77 - 120		06/23/22 14:21	1
4-Bromofluorobenzene (Surr)	112		73 - 120		06/23/22 14:21	1
Dibromofluoromethane (Surr)	102		75 - 123		06/23/22 14:21	1

Client: O'Brien & Gere Inc of North America
Project/Site: Forest Glen Monitoring

Job ID: 480-199246-1
SDG: 480-199246-1

Client Sample ID: MW-1S 062122
Date Collected: 06/21/22 16:05
Date Received: 06/22/22 16:20

Lab Sample ID: 480-199246-2
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	ND		1.0	0.82	ug/L			06/23/22 14:43	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			06/23/22 14:43	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			06/23/22 14:43	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			06/23/22 14:43	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			06/23/22 14:43	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			06/23/22 14:43	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			06/23/22 14:43	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			06/23/22 14:43	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			06/23/22 14:43	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			06/23/22 14:43	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			06/23/22 14:43	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			06/23/22 14:43	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			06/23/22 14:43	1
2-Butanone (MEK)	ND		10	1.3	ug/L			06/23/22 14:43	1
2-Hexanone	ND		5.0	1.2	ug/L			06/23/22 14:43	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			06/23/22 14:43	1
Acetone	ND		10	3.0	ug/L			06/23/22 14:43	1
Benzene	ND		1.0	0.41	ug/L			06/23/22 14:43	1
Bromodichloromethane	ND		1.0	0.39	ug/L			06/23/22 14:43	1
Bromoform	ND		1.0	0.26	ug/L			06/23/22 14:43	1
Bromomethane	ND		1.0	0.69	ug/L			06/23/22 14:43	1
Carbon disulfide	ND		1.0	0.19	ug/L			06/23/22 14:43	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			06/23/22 14:43	1
Chlorobenzene	ND		1.0	0.75	ug/L			06/23/22 14:43	1
Dibromochloromethane	ND		1.0	0.32	ug/L			06/23/22 14:43	1
Chloroethane	ND		1.0	0.32	ug/L			06/23/22 14:43	1
Chloroform	ND		1.0	0.34	ug/L			06/23/22 14:43	1
Chloromethane	ND		1.0	0.35	ug/L			06/23/22 14:43	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			06/23/22 14:43	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			06/23/22 14:43	1
Cyclohexane	ND		1.0	0.18	ug/L			06/23/22 14:43	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			06/23/22 14:43	1
Ethylbenzene	ND		1.0	0.74	ug/L			06/23/22 14:43	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			06/23/22 14:43	1
Isopropylbenzene	ND		1.0	0.79	ug/L			06/23/22 14:43	1
Methyl acetate	ND		2.5	1.3	ug/L			06/23/22 14:43	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			06/23/22 14:43	1
Methylcyclohexane	ND		1.0	0.16	ug/L			06/23/22 14:43	1
Methylene Chloride	ND		1.0	0.44	ug/L			06/23/22 14:43	1
Styrene	ND		1.0	0.73	ug/L			06/23/22 14:43	1
Tetrachloroethene	ND		1.0	0.36	ug/L			06/23/22 14:43	1
Toluene	ND		1.0	0.51	ug/L			06/23/22 14:43	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			06/23/22 14:43	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			06/23/22 14:43	1
Trichloroethene	ND		1.0	0.46	ug/L			06/23/22 14:43	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			06/23/22 14:43	1
Vinyl chloride	ND		1.0	0.90	ug/L			06/23/22 14:43	1
Xylenes, Total	ND		2.0	0.66	ug/L			06/23/22 14:43	1

Client: O'Brien & Gere Inc of North America
Project/Site: Forest Glen Monitoring

Job ID: 480-199246-1
SDG: 480-199246-1

Client Sample ID: MW-1S 062122
Date Collected: 06/21/22 16:05
Date Received: 06/22/22 16:20

Lab Sample ID: 480-199246-2
Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	98		80 - 120		06/23/22 14:43	1
1,2-Dichloroethane-d4 (Surr)	103		77 - 120		06/23/22 14:43	1
4-Bromofluorobenzene (Surr)	111		73 - 120		06/23/22 14:43	1
Dibromofluoromethane (Surr)	104		75 - 123		06/23/22 14:43	1

Client: O'Brien & Gere Inc of North America
Project/Site: Forest Glen Monitoring

Job ID: 480-199246-1
SDG: 480-199246-1

Client Sample ID: MW-6D 062222
Date Collected: 06/22/22 08:25
Date Received: 06/22/22 16:20

Lab Sample ID: 480-199246-3
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	ND		1.0	0.82	ug/L			06/23/22 15:05	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			06/23/22 15:05	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			06/23/22 15:05	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			06/23/22 15:05	1
1,1-Dichloroethane	**0.50**	**J**	1.0	0.38	ug/L			06/23/22 15:05	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			06/23/22 15:05	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			06/23/22 15:05	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			06/23/22 15:05	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			06/23/22 15:05	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			06/23/22 15:05	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			06/23/22 15:05	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			06/23/22 15:05	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			06/23/22 15:05	1
2-Butanone (MEK)	ND		10	1.3	ug/L			06/23/22 15:05	1
2-Hexanone	ND		5.0	1.2	ug/L			06/23/22 15:05	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			06/23/22 15:05	1
Acetone	ND		10	3.0	ug/L			06/23/22 15:05	1
Benzene	ND		1.0	0.41	ug/L			06/23/22 15:05	1
Bromodichloromethane	ND		1.0	0.39	ug/L			06/23/22 15:05	1
Bromoform	ND		1.0	0.26	ug/L			06/23/22 15:05	1
Bromomethane	ND		1.0	0.69	ug/L			06/23/22 15:05	1
Carbon disulfide	ND		1.0	0.19	ug/L			06/23/22 15:05	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			06/23/22 15:05	1
Chlorobenzene	ND		1.0	0.75	ug/L			06/23/22 15:05	1
Dibromochloromethane	ND		1.0	0.32	ug/L			06/23/22 15:05	1
Chloroethane	ND		1.0	0.32	ug/L			06/23/22 15:05	1
Chloroform	ND		1.0	0.34	ug/L			06/23/22 15:05	1
Chloromethane	ND		1.0	0.35	ug/L			06/23/22 15:05	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			06/23/22 15:05	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			06/23/22 15:05	1
Cyclohexane	ND		1.0	0.18	ug/L			06/23/22 15:05	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			06/23/22 15:05	1
Ethylbenzene	ND		1.0	0.74	ug/L			06/23/22 15:05	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			06/23/22 15:05	1
Isopropylbenzene	ND		1.0	0.79	ug/L			06/23/22 15:05	1
Methyl acetate	ND		2.5	1.3	ug/L			06/23/22 15:05	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			06/23/22 15:05	1
Methylcyclohexane	ND		1.0	0.16	ug/L			06/23/22 15:05	1
Methylene Chloride	ND		1.0	0.44	ug/L			06/23/22 15:05	1
Styrene	ND		1.0	0.73	ug/L			06/23/22 15:05	1
Tetrachloroethene	ND		1.0	0.36	ug/L			06/23/22 15:05	1
Toluene	ND		1.0	0.51	ug/L			06/23/22 15:05	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			06/23/22 15:05	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			06/23/22 15:05	1
Trichloroethene	ND		1.0	0.46	ug/L			06/23/22 15:05	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			06/23/22 15:05	1
Vinyl chloride	**1.1**		1.0	0.90	ug/L			06/23/22 15:05	1
Xylenes, Total	ND		2.0	0.66	ug/L			06/23/22 15:05	1

Client: O'Brien & Gere Inc of North America
Project/Site: Forest Glen Monitoring

Job ID: 480-199246-1
SDG: 480-199246-1

Client Sample ID: MW-6D 062222
Date Collected: 06/22/22 08:25
Date Received: 06/22/22 16:20

Lab Sample ID: 480-199246-3
Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	97		80 - 120		06/23/22 15:05	1
1,2-Dichloroethane-d4 (Surr)	105		77 - 120		06/23/22 15:05	1
4-Bromofluorobenzene (Surr)	113		73 - 120		06/23/22 15:05	1
Dibromofluoromethane (Surr)	106		75 - 123		06/23/22 15:05	1

Client: O'Brien & Gere Inc of North America
Project/Site: Forest Glen Monitoring

Job ID: 480-199246-1
SDG: 480-199246-1

Client Sample ID: MW-6DD 062222
Date Collected: 06/22/22 09:45
Date Received: 06/22/22 16:20

Lab Sample ID: 480-199246-4
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	ND		1.0	0.82	ug/L			06/23/22 15:27	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			06/23/22 15:27	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			06/23/22 15:27	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			06/23/22 15:27	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			06/23/22 15:27	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			06/23/22 15:27	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			06/23/22 15:27	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			06/23/22 15:27	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			06/23/22 15:27	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			06/23/22 15:27	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			06/23/22 15:27	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			06/23/22 15:27	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			06/23/22 15:27	1
2-Butanone (MEK)	ND		10	1.3	ug/L			06/23/22 15:27	1
2-Hexanone	ND		5.0	1.2	ug/L			06/23/22 15:27	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			06/23/22 15:27	1
Acetone	ND		10	3.0	ug/L			06/23/22 15:27	1
Benzene	ND		1.0	0.41	ug/L			06/23/22 15:27	1
Bromodichloromethane	ND		1.0	0.39	ug/L			06/23/22 15:27	1
Bromoform	ND		1.0	0.26	ug/L			06/23/22 15:27	1
Bromomethane	ND		1.0	0.69	ug/L			06/23/22 15:27	1
Carbon disulfide	ND		1.0	0.19	ug/L			06/23/22 15:27	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			06/23/22 15:27	1
Chlorobenzene	ND		1.0	0.75	ug/L			06/23/22 15:27	1
Dibromochloromethane	ND		1.0	0.32	ug/L			06/23/22 15:27	1
Chloroethane	ND		1.0	0.32	ug/L			06/23/22 15:27	1
Chloroform	ND		1.0	0.34	ug/L			06/23/22 15:27	1
Chloromethane	ND		1.0	0.35	ug/L			06/23/22 15:27	1
cis-1,2-Dichloroethene	**22**		1.0	0.81	ug/L			06/23/22 15:27	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			06/23/22 15:27	1
Cyclohexane	ND		1.0	0.18	ug/L			06/23/22 15:27	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			06/23/22 15:27	1
Ethylbenzene	ND		1.0	0.74	ug/L			06/23/22 15:27	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			06/23/22 15:27	1
Isopropylbenzene	ND		1.0	0.79	ug/L			06/23/22 15:27	1
Methyl acetate	ND		2.5	1.3	ug/L			06/23/22 15:27	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			06/23/22 15:27	1
Methylcyclohexane	ND		1.0	0.16	ug/L			06/23/22 15:27	1
Methylene Chloride	ND		1.0	0.44	ug/L			06/23/22 15:27	1
Styrene	ND		1.0	0.73	ug/L			06/23/22 15:27	1
Tetrachloroethene	ND		1.0	0.36	ug/L			06/23/22 15:27	1
Toluene	ND		1.0	0.51	ug/L			06/23/22 15:27	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			06/23/22 15:27	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			06/23/22 15:27	1
Trichloroethene	ND		1.0	0.46	ug/L			06/23/22 15:27	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			06/23/22 15:27	1
Vinyl chloride	**6.3**		1.0	0.90	ug/L			06/23/22 15:27	1
Xylenes, Total	ND		2.0	0.66	ug/L			06/23/22 15:27	1

Client: O'Brien & Gere Inc of North America
Project/Site: Forest Glen Monitoring

Job ID: 480-199246-1
SDG: 480-199246-1

Client Sample ID: MW-6DD 062222
Date Collected: 06/22/22 09:45
Date Received: 06/22/22 16:20

Lab Sample ID: 480-199246-4
Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	96		80 - 120		06/23/22 15:27	1
1,2-Dichloroethane-d4 (Surr)	104		77 - 120		06/23/22 15:27	1
4-Bromofluorobenzene (Surr)	112		73 - 120		06/23/22 15:27	1
Dibromofluoromethane (Surr)	104		75 - 123		06/23/22 15:27	1

Client: O'Brien & Gere Inc of North America
Project/Site: Forest Glen Monitoring

Job ID: 480-199246-1
SDG: 480-199246-1

Client Sample ID: MW-6S 062222
Date Collected: 06/22/22 10:40
Date Received: 06/22/22 16:20

Lab Sample ID: 480-199246-5
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	ND		1.0	0.82	ug/L			06/23/22 15:49	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			06/23/22 15:49	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			06/23/22 15:49	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			06/23/22 15:49	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			06/23/22 15:49	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			06/23/22 15:49	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			06/23/22 15:49	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			06/23/22 15:49	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			06/23/22 15:49	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			06/23/22 15:49	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			06/23/22 15:49	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			06/23/22 15:49	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			06/23/22 15:49	1
2-Butanone (MEK)	ND		10	1.3	ug/L			06/23/22 15:49	1
2-Hexanone	ND		5.0	1.2	ug/L			06/23/22 15:49	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			06/23/22 15:49	1
Acetone	ND		10	3.0	ug/L			06/23/22 15:49	1
Benzene	ND		1.0	0.41	ug/L			06/23/22 15:49	1
Bromodichloromethane	ND		1.0	0.39	ug/L			06/23/22 15:49	1
Bromoform	ND		1.0	0.26	ug/L			06/23/22 15:49	1
Bromomethane	ND		1.0	0.69	ug/L			06/23/22 15:49	1
Carbon disulfide	ND		1.0	0.19	ug/L			06/23/22 15:49	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			06/23/22 15:49	1
Chlorobenzene	ND		1.0	0.75	ug/L			06/23/22 15:49	1
Dibromochloromethane	ND		1.0	0.32	ug/L			06/23/22 15:49	1
Chloroethane	ND		1.0	0.32	ug/L			06/23/22 15:49	1
Chloroform	ND		1.0	0.34	ug/L			06/23/22 15:49	1
Chloromethane	ND		1.0	0.35	ug/L			06/23/22 15:49	1
cis-1,2-Dichloroethene	**8.2**		1.0	0.81	ug/L			06/23/22 15:49	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			06/23/22 15:49	1
Cyclohexane	ND		1.0	0.18	ug/L			06/23/22 15:49	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			06/23/22 15:49	1
Ethylbenzene	ND		1.0	0.74	ug/L			06/23/22 15:49	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			06/23/22 15:49	1
Isopropylbenzene	ND		1.0	0.79	ug/L			06/23/22 15:49	1
Methyl acetate	ND		2.5	1.3	ug/L			06/23/22 15:49	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			06/23/22 15:49	1
Methylcyclohexane	ND		1.0	0.16	ug/L			06/23/22 15:49	1
Methylene Chloride	ND		1.0	0.44	ug/L			06/23/22 15:49	1
Styrene	ND		1.0	0.73	ug/L			06/23/22 15:49	1
Tetrachloroethene	ND		1.0	0.36	ug/L			06/23/22 15:49	1
Toluene	ND		1.0	0.51	ug/L			06/23/22 15:49	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			06/23/22 15:49	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			06/23/22 15:49	1
Trichloroethene	ND		1.0	0.46	ug/L			06/23/22 15:49	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			06/23/22 15:49	1
Vinyl chloride	ND		1.0	0.90	ug/L			06/23/22 15:49	1
Xylenes, Total	ND		2.0	0.66	ug/L			06/23/22 15:49	1

Client: O'Brien & Gere Inc of North America
Project/Site: Forest Glen Monitoring

Job ID: 480-199246-1
SDG: 480-199246-1

Client Sample ID: MW-6S 062222
Date Collected: 06/22/22 10:40
Date Received: 06/22/22 16:20

Lab Sample ID: 480-199246-5
Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	98		80 - 120		06/23/22 15:49	1
1,2-Dichloroethane-d4 (Surr)	105		77 - 120		06/23/22 15:49	1
4-Bromofluorobenzene (Surr)	115		73 - 120		06/23/22 15:49	1
Dibromofluoromethane (Surr)	106		75 - 123		06/23/22 15:49	1

Client: O'Brien & Gere Inc of North America
Project/Site: Forest Glen Monitoring

Job ID: 480-199246-1
SDG: 480-199246-1

Client Sample ID: MW-5D 062222
Date Collected: 06/22/22 11:45
Date Received: 06/22/22 16:20

Lab Sample ID: 480-199246-6
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	ND		1.0	0.82	ug/L			06/23/22 16:11	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			06/23/22 16:11	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			06/23/22 16:11	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			06/23/22 16:11	1
1,1-Dichloroethane	**0.40**	**J**	1.0	0.38	ug/L			06/23/22 16:11	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			06/23/22 16:11	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			06/23/22 16:11	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			06/23/22 16:11	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			06/23/22 16:11	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			06/23/22 16:11	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			06/23/22 16:11	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			06/23/22 16:11	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			06/23/22 16:11	1
2-Butanone (MEK)	ND		10	1.3	ug/L			06/23/22 16:11	1
2-Hexanone	ND		5.0	1.2	ug/L			06/23/22 16:11	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			06/23/22 16:11	1
Acetone	ND		10	3.0	ug/L			06/23/22 16:11	1
Benzene	ND		1.0	0.41	ug/L			06/23/22 16:11	1
Bromodichloromethane	ND		1.0	0.39	ug/L			06/23/22 16:11	1
Bromoform	ND		1.0	0.26	ug/L			06/23/22 16:11	1
Bromomethane	ND		1.0	0.69	ug/L			06/23/22 16:11	1
Carbon disulfide	ND		1.0	0.19	ug/L			06/23/22 16:11	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			06/23/22 16:11	1
Chlorobenzene	ND		1.0	0.75	ug/L			06/23/22 16:11	1
Dibromochloromethane	ND		1.0	0.32	ug/L			06/23/22 16:11	1
Chloroethane	ND		1.0	0.32	ug/L			06/23/22 16:11	1
Chloroform	ND		1.0	0.34	ug/L			06/23/22 16:11	1
Chloromethane	ND		1.0	0.35	ug/L			06/23/22 16:11	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			06/23/22 16:11	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			06/23/22 16:11	1
Cyclohexane	ND		1.0	0.18	ug/L			06/23/22 16:11	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			06/23/22 16:11	1
Ethylbenzene	ND		1.0	0.74	ug/L			06/23/22 16:11	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			06/23/22 16:11	1
Isopropylbenzene	ND		1.0	0.79	ug/L			06/23/22 16:11	1
Methyl acetate	ND		2.5	1.3	ug/L			06/23/22 16:11	1
Methyl tert-butyl ether	**0.40**	**J**	1.0	0.16	ug/L			06/23/22 16:11	1
Methylcyclohexane	ND		1.0	0.16	ug/L			06/23/22 16:11	1
Methylene Chloride	ND		1.0	0.44	ug/L			06/23/22 16:11	1
Styrene	ND		1.0	0.73	ug/L			06/23/22 16:11	1
Tetrachloroethene	ND		1.0	0.36	ug/L			06/23/22 16:11	1
Toluene	ND		1.0	0.51	ug/L			06/23/22 16:11	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			06/23/22 16:11	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			06/23/22 16:11	1
Trichloroethene	ND		1.0	0.46	ug/L			06/23/22 16:11	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			06/23/22 16:11	1
Vinyl chloride	ND		1.0	0.90	ug/L			06/23/22 16:11	1
Xylenes, Total	ND		2.0	0.66	ug/L			06/23/22 16:11	1

Client Sample Results

Client: O'Brien & Gere Inc of North America
Project/Site: Forest Glen Monitoring

Job ID: 480-199246-1
SDG: 480-199246-1

Client Sample ID: MW-5D 062222
Date Collected: 06/22/22 11:45
Date Received: 06/22/22 16:20

Lab Sample ID: 480-199246-6
Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	97		80 - 120		06/23/22 16:11	1
1,2-Dichloroethane-d4 (Surr)	106		77 - 120		06/23/22 16:11	1
4-Bromofluorobenzene (Surr)	113		73 - 120		06/23/22 16:11	1
Dibromofluoromethane (Surr)	104		75 - 123		06/23/22 16:11	1

Client Sample ID: MW-5S 062222

Date Collected: 06/22/22 13:20
Date Received: 06/22/22 16:20

Lab Sample ID: 480-199246-7

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	**6.8**		1.0	0.82	ug/L			06/23/22 16:34	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			06/23/22 16:34	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			06/23/22 16:34	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			06/23/22 16:34	1
1,1-Dichloroethane	**32**		1.0	0.38	ug/L			06/23/22 16:34	1
1,1-Dichloroethene	**3.7**		1.0	0.29	ug/L			06/23/22 16:34	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			06/23/22 16:34	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			06/23/22 16:34	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			06/23/22 16:34	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			06/23/22 16:34	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			06/23/22 16:34	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			06/23/22 16:34	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			06/23/22 16:34	1
2-Butanone (MEK)	ND		10	1.3	ug/L			06/23/22 16:34	1
2-Hexanone	ND		5.0	1.2	ug/L			06/23/22 16:34	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			06/23/22 16:34	1
Acetone	ND		10	3.0	ug/L			06/23/22 16:34	1
Benzene	ND		1.0	0.41	ug/L			06/23/22 16:34	1
Bromodichloromethane	ND		1.0	0.39	ug/L			06/23/22 16:34	1
Bromoform	ND		1.0	0.26	ug/L			06/23/22 16:34	1
Bromomethane	ND		1.0	0.69	ug/L			06/23/22 16:34	1
Carbon disulfide	ND		1.0	0.19	ug/L			06/23/22 16:34	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			06/23/22 16:34	1
Chlorobenzene	ND		1.0	0.75	ug/L			06/23/22 16:34	1
Dibromochloromethane	ND		1.0	0.32	ug/L			06/23/22 16:34	1
Chloroethane	ND		1.0	0.32	ug/L			06/23/22 16:34	1
Chloroform	ND		1.0	0.34	ug/L			06/23/22 16:34	1
Chloromethane	ND		1.0	0.35	ug/L			06/23/22 16:34	1
cis-1,2-Dichloroethene	**110**	**E**	1.0	0.81	ug/L			06/23/22 16:34	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			06/23/22 16:34	1
Cyclohexane	ND		1.0	0.18	ug/L			06/23/22 16:34	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			06/23/22 16:34	1
Ethylbenzene	ND		1.0	0.74	ug/L			06/23/22 16:34	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			06/23/22 16:34	1
Isopropylbenzene	ND		1.0	0.79	ug/L			06/23/22 16:34	1
Methyl acetate	ND		2.5	1.3	ug/L			06/23/22 16:34	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			06/23/22 16:34	1
Methylcyclohexane	ND		1.0	0.16	ug/L			06/23/22 16:34	1
Methylene Chloride	ND		1.0	0.44	ug/L			06/23/22 16:34	1
Styrene	ND		1.0	0.73	ug/L			06/23/22 16:34	1
Tetrachloroethene	**0.55**	**J**	1.0	0.36	ug/L			06/23/22 16:34	1
Toluene	ND		1.0	0.51	ug/L			06/23/22 16:34	1
trans-1,2-Dichloroethene	**4.2**		1.0	0.90	ug/L			06/23/22 16:34	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			06/23/22 16:34	1
Trichloroethene	**30**		1.0	0.46	ug/L			06/23/22 16:34	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			06/23/22 16:34	1
Vinyl chloride	**4.9**		1.0	0.90	ug/L			06/23/22 16:34	1
Xylenes, Total	ND		2.0	0.66	ug/L			06/23/22 16:34	1

Client: O'Brien & Gere Inc of North America
Project/Site: Forest Glen Monitoring

Job ID: 480-199246-1
SDG: 480-199246-1

Client Sample ID: MW-5S 062222

Date Collected: 06/22/22 13:20
Date Received: 06/22/22 16:20

Lab Sample ID: 480-199246-7

Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	*97*		*80 - 120*		*06/23/22 16:34*	*1*
1,2-Dichloroethane-d4 (Surr)	*103*		*77 - 120*		*06/23/22 16:34*	*1*
4-Bromofluorobenzene (Surr)	*112*		*73 - 120*		*06/23/22 16:34*	*1*
Dibromofluoromethane (Surr)	*105*		*75 - 123*		*06/23/22 16:34*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	**5.8**		2.0	1.6	ug/L			06/24/22 13:58	2
1,1,2,2-Tetrachloroethane	ND		2.0	0.42	ug/L			06/24/22 13:58	2
1,1,2-Trichloroethane	ND		2.0	0.46	ug/L			06/24/22 13:58	2
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		2.0	0.62	ug/L			06/24/22 13:58	2
1,1-Dichloroethane	**30**		2.0	0.76	ug/L			06/24/22 13:58	2
1,1-Dichloroethene	**3.3**		2.0	0.58	ug/L			06/24/22 13:58	2
1,2,4-Trichlorobenzene	ND		2.0	0.82	ug/L			06/24/22 13:58	2
1,2-Dibromo-3-Chloropropane	ND		2.0	0.78	ug/L			06/24/22 13:58	2
1,2-Dichlorobenzene	ND		2.0	1.6	ug/L			06/24/22 13:58	2
1,2-Dichloroethane	ND		2.0	0.42	ug/L			06/24/22 13:58	2
1,2-Dichloropropane	ND		2.0	1.4	ug/L			06/24/22 13:58	2
1,3-Dichlorobenzene	ND		2.0	1.6	ug/L			06/24/22 13:58	2
1,4-Dichlorobenzene	ND		2.0	1.7	ug/L			06/24/22 13:58	2
2-Butanone (MEK)	ND		20	2.6	ug/L			06/24/22 13:58	2
2-Hexanone	ND		10	2.5	ug/L			06/24/22 13:58	2
4-Methyl-2-pentanone (MIBK)	ND		10	4.2	ug/L			06/24/22 13:58	2
Acetone	ND		20	6.0	ug/L			06/24/22 13:58	2
Benzene	ND		2.0	0.82	ug/L			06/24/22 13:58	2
Bromodichloromethane	ND		2.0	0.78	ug/L			06/24/22 13:58	2
Bromoform	ND		2.0	0.52	ug/L			06/24/22 13:58	2
Bromomethane	ND		2.0	1.4	ug/L			06/24/22 13:58	2
Carbon disulfide	ND		2.0	0.38	ug/L			06/24/22 13:58	2
Carbon tetrachloride	ND		2.0	0.54	ug/L			06/24/22 13:58	2
Chlorobenzene	ND		2.0	1.5	ug/L			06/24/22 13:58	2
Dibromochloromethane	ND		2.0	0.64	ug/L			06/24/22 13:58	2
Chloroethane	ND		2.0	0.64	ug/L			06/24/22 13:58	2
Chloroform	ND		2.0	0.68	ug/L			06/24/22 13:58	2
Chloromethane	ND		2.0	0.70	ug/L			06/24/22 13:58	2
cis-1,2-Dichloroethene	**110**		2.0	1.6	ug/L			06/24/22 13:58	2
cis-1,3-Dichloropropene	ND		2.0	0.72	ug/L			06/24/22 13:58	2
Cyclohexane	ND		2.0	0.36	ug/L			06/24/22 13:58	2
Dichlorodifluoromethane	ND		2.0	1.4	ug/L			06/24/22 13:58	2
Ethylbenzene	ND		2.0	1.5	ug/L			06/24/22 13:58	2
1,2-Dibromoethane	ND		2.0	1.5	ug/L			06/24/22 13:58	2
Isopropylbenzene	ND		2.0	1.6	ug/L			06/24/22 13:58	2
Methyl acetate	ND		5.0	2.6	ug/L			06/24/22 13:58	2
Methyl tert-butyl ether	ND		2.0	0.32	ug/L			06/24/22 13:58	2
Methylcyclohexane	ND		2.0	0.32	ug/L			06/24/22 13:58	2
Methylene Chloride	ND		2.0	0.88	ug/L			06/24/22 13:58	2
Styrene	ND		2.0	1.5	ug/L			06/24/22 13:58	2
Tetrachloroethene	ND		2.0	0.72	ug/L			06/24/22 13:58	2
Toluene	ND		2.0	1.0	ug/L			06/24/22 13:58	2
trans-1,2-Dichloroethene	**3.9**		2.0	1.8	ug/L			06/24/22 13:58	2

Client: O'Brien & Gere Inc of North America
Project/Site: Forest Glen Monitoring

Job ID: 480-199246-1
SDG: 480-199246-1

Client Sample ID: MW-5S 062222
Date Collected: 06/22/22 13:20
Date Received: 06/22/22 16:20

Lab Sample ID: 480-199246-7
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
trans-1,3-Dichloropropene	ND		2.0	0.74	ug/L			06/24/22 13:58	2
Trichloroethene	**27**		2.0	0.92	ug/L			06/24/22 13:58	2
Trichlorofluoromethane	ND		2.0	1.8	ug/L			06/24/22 13:58	2
Vinyl chloride	**5.3**		2.0	1.8	ug/L			06/24/22 13:58	2
Xylenes, Total	ND		4.0	1.3	ug/L			06/24/22 13:58	2

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*90*		*80 - 120*		*06/24/22 13:58*	*2*
1,2-Dichloroethane-d4 (Surr)	*88*		*77 - 120*		*06/24/22 13:58*	*2*
4-Bromofluorobenzene (Surr)	*102*		*73 - 120*		*06/24/22 13:58*	*2*
Dibromofluoromethane (Surr)	*100*		*75 - 123*		*06/24/22 13:58*	*2*

Client: O'Brien & Gere Inc of North America
Project/Site: Forest Glen Monitoring

Job ID: 480-199246-1
SDG: 480-199246-1

Client Sample ID: MW-10D 062222
Date Collected: 06/22/22 14:00
Date Received: 06/22/22 16:20

Lab Sample ID: 480-199246-8
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	ND		1.0	0.82	ug/L			06/23/22 18:23	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			06/23/22 18:23	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			06/23/22 18:23	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			06/23/22 18:23	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			06/23/22 18:23	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			06/23/22 18:23	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			06/23/22 18:23	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			06/23/22 18:23	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			06/23/22 18:23	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			06/23/22 18:23	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			06/23/22 18:23	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			06/23/22 18:23	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			06/23/22 18:23	1
2-Butanone (MEK)	ND		10	1.3	ug/L			06/23/22 18:23	1
2-Hexanone	ND		5.0	1.2	ug/L			06/23/22 18:23	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			06/23/22 18:23	1
Acetone	ND		10	3.0	ug/L			06/23/22 18:23	1
Benzene	ND		1.0	0.41	ug/L			06/23/22 18:23	1
Bromodichloromethane	ND		1.0	0.39	ug/L			06/23/22 18:23	1
Bromoform	ND		1.0	0.26	ug/L			06/23/22 18:23	1
Bromomethane	ND		1.0	0.69	ug/L			06/23/22 18:23	1
Carbon disulfide	ND		1.0	0.19	ug/L			06/23/22 18:23	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			06/23/22 18:23	1
Chlorobenzene	ND		1.0	0.75	ug/L			06/23/22 18:23	1
Dibromochloromethane	ND		1.0	0.32	ug/L			06/23/22 18:23	1
Chloroethane	ND		1.0	0.32	ug/L			06/23/22 18:23	1
Chloroform	ND		1.0	0.34	ug/L			06/23/22 18:23	1
Chloromethane	ND		1.0	0.35	ug/L			06/23/22 18:23	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			06/23/22 18:23	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			06/23/22 18:23	1
Cyclohexane	ND		1.0	0.18	ug/L			06/23/22 18:23	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			06/23/22 18:23	1
Ethylbenzene	ND		1.0	0.74	ug/L			06/23/22 18:23	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			06/23/22 18:23	1
Isopropylbenzene	ND		1.0	0.79	ug/L			06/23/22 18:23	1
Methyl acetate	ND		2.5	1.3	ug/L			06/23/22 18:23	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			06/23/22 18:23	1
Methylcyclohexane	ND		1.0	0.16	ug/L			06/23/22 18:23	1
Methylene Chloride	ND		1.0	0.44	ug/L			06/23/22 18:23	1
Styrene	ND		1.0	0.73	ug/L			06/23/22 18:23	1
Tetrachloroethene	ND		1.0	0.36	ug/L			06/23/22 18:23	1
Toluene	ND		1.0	0.51	ug/L			06/23/22 18:23	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			06/23/22 18:23	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			06/23/22 18:23	1
Trichloroethene	ND		1.0	0.46	ug/L			06/23/22 18:23	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			06/23/22 18:23	1
Vinyl chloride	ND		1.0	0.90	ug/L			06/23/22 18:23	1
Xylenes, Total	ND		2.0	0.66	ug/L			06/23/22 18:23	1

Client Sample Results

Client: O'Brien & Gere Inc of North America
Project/Site: Forest Glen Monitoring

Job ID: 480-199246-1
SDG: 480-199246-1

Client Sample ID: MW-10D 062222

Date Collected: 06/22/22 14:00
Date Received: 06/22/22 16:20

Lab Sample ID: 480-199246-8

Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	98		80 - 120		06/23/22 18:23	1
1,2-Dichloroethane-d4 (Surr)	107		77 - 120		06/23/22 18:23	1
4-Bromofluorobenzene (Surr)	112		73 - 120		06/23/22 18:23	1
Dibromofluoromethane (Surr)	108		75 - 123		06/23/22 18:23	1

Client: O'Brien & Gere Inc of North America
Project/Site: Forest Glen Monitoring

Job ID: 480-199246-1
SDG: 480-199246-1

Client Sample ID: MW-4D 062222
Date Collected: 06/22/22 14:45
Date Received: 06/22/22 16:20

Lab Sample ID: 480-199246-9
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	ND		1.0	0.82	ug/L			06/23/22 16:56	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			06/23/22 16:56	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			06/23/22 16:56	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			06/23/22 16:56	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			06/23/22 16:56	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			06/23/22 16:56	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			06/23/22 16:56	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			06/23/22 16:56	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			06/23/22 16:56	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			06/23/22 16:56	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			06/23/22 16:56	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			06/23/22 16:56	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			06/23/22 16:56	1
2-Butanone (MEK)	ND		10	1.3	ug/L			06/23/22 16:56	1
2-Hexanone	ND		5.0	1.2	ug/L			06/23/22 16:56	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			06/23/22 16:56	1
Acetone	ND		10	3.0	ug/L			06/23/22 16:56	1
Benzene	ND		1.0	0.41	ug/L			06/23/22 16:56	1
Bromodichloromethane	ND		1.0	0.39	ug/L			06/23/22 16:56	1
Bromoform	ND		1.0	0.26	ug/L			06/23/22 16:56	1
Bromomethane	ND		1.0	0.69	ug/L			06/23/22 16:56	1
Carbon disulfide	ND		1.0	0.19	ug/L			06/23/22 16:56	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			06/23/22 16:56	1
Chlorobenzene	ND		1.0	0.75	ug/L			06/23/22 16:56	1
Dibromochloromethane	ND		1.0	0.32	ug/L			06/23/22 16:56	1
Chloroethane	ND		1.0	0.32	ug/L			06/23/22 16:56	1
Chloroform	ND		1.0	0.34	ug/L			06/23/22 16:56	1
Chloromethane	ND		1.0	0.35	ug/L			06/23/22 16:56	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			06/23/22 16:56	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			06/23/22 16:56	1
Cyclohexane	ND		1.0	0.18	ug/L			06/23/22 16:56	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			06/23/22 16:56	1
Ethylbenzene	ND		1.0	0.74	ug/L			06/23/22 16:56	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			06/23/22 16:56	1
Isopropylbenzene	ND		1.0	0.79	ug/L			06/23/22 16:56	1
Methyl acetate	ND		2.5	1.3	ug/L			06/23/22 16:56	1
Methyl tert-butyl ether	**0.41**	**J**	1.0	0.16	ug/L			06/23/22 16:56	1
Methylcyclohexane	ND		1.0	0.16	ug/L			06/23/22 16:56	1
Methylene Chloride	ND		1.0	0.44	ug/L			06/23/22 16:56	1
Styrene	ND		1.0	0.73	ug/L			06/23/22 16:56	1
Tetrachloroethene	ND		1.0	0.36	ug/L			06/23/22 16:56	1
Toluene	ND		1.0	0.51	ug/L			06/23/22 16:56	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			06/23/22 16:56	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			06/23/22 16:56	1
Trichloroethene	ND		1.0	0.46	ug/L			06/23/22 16:56	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			06/23/22 16:56	1
Vinyl chloride	ND		1.0	0.90	ug/L			06/23/22 16:56	1
Xylenes, Total	ND		2.0	0.66	ug/L			06/23/22 16:56	1

Client: O'Brien & Gere Inc of North America
Project/Site: Forest Glen Monitoring

Job ID: 480-199246-1
SDG: 480-199246-1

Client Sample ID: MW-4D 062222
Date Collected: 06/22/22 14:45
Date Received: 06/22/22 16:20

Lab Sample ID: 480-199246-9
Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	94		80 - 120		06/23/22 16:56	1
1,2-Dichloroethane-d4 (Surr)	108		77 - 120		06/23/22 16:56	1
4-Bromofluorobenzene (Surr)	112		73 - 120		06/23/22 16:56	1
Dibromofluoromethane (Surr)	107		75 - 123		06/23/22 16:56	1

Client: O'Brien & Gere Inc of North America
Project/Site: Forest Glen Monitoring

Job ID: 480-199246-1
SDG: 480-199246-1

Client Sample ID: MW-10S 062222
Date Collected: 06/22/22 15:10
Date Received: 06/22/22 16:20

Lab Sample ID: 480-199246-10
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	ND		1.0	0.82	ug/L			06/23/22 17:17	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			06/23/22 17:17	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			06/23/22 17:17	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			06/23/22 17:17	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			06/23/22 17:17	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			06/23/22 17:17	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			06/23/22 17:17	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			06/23/22 17:17	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			06/23/22 17:17	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			06/23/22 17:17	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			06/23/22 17:17	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			06/23/22 17:17	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			06/23/22 17:17	1
2-Butanone (MEK)	ND		10	1.3	ug/L			06/23/22 17:17	1
2-Hexanone	ND		5.0	1.2	ug/L			06/23/22 17:17	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			06/23/22 17:17	1
Acetone	ND		10	3.0	ug/L			06/23/22 17:17	1
Benzene	ND		1.0	0.41	ug/L			06/23/22 17:17	1
Bromodichloromethane	ND		1.0	0.39	ug/L			06/23/22 17:17	1
Bromoform	ND		1.0	0.26	ug/L			06/23/22 17:17	1
Bromomethane	ND		1.0	0.69	ug/L			06/23/22 17:17	1
Carbon disulfide	ND		1.0	0.19	ug/L			06/23/22 17:17	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			06/23/22 17:17	1
Chlorobenzene	ND		1.0	0.75	ug/L			06/23/22 17:17	1
Dibromochloromethane	ND		1.0	0.32	ug/L			06/23/22 17:17	1
Chloroethane	ND		1.0	0.32	ug/L			06/23/22 17:17	1
Chloroform	ND		1.0	0.34	ug/L			06/23/22 17:17	1
Chloromethane	ND		1.0	0.35	ug/L			06/23/22 17:17	1
cis-1,2-Dichloroethene	**32**		1.0	0.81	ug/L			06/23/22 17:17	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			06/23/22 17:17	1
Cyclohexane	ND		1.0	0.18	ug/L			06/23/22 17:17	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			06/23/22 17:17	1
Ethylbenzene	ND		1.0	0.74	ug/L			06/23/22 17:17	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			06/23/22 17:17	1
Isopropylbenzene	ND		1.0	0.79	ug/L			06/23/22 17:17	1
Methyl acetate	ND		2.5	1.3	ug/L			06/23/22 17:17	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			06/23/22 17:17	1
Methylcyclohexane	ND		1.0	0.16	ug/L			06/23/22 17:17	1
Methylene Chloride	ND		1.0	0.44	ug/L			06/23/22 17:17	1
Styrene	ND		1.0	0.73	ug/L			06/23/22 17:17	1
Tetrachloroethene	ND		1.0	0.36	ug/L			06/23/22 17:17	1
Toluene	ND		1.0	0.51	ug/L			06/23/22 17:17	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			06/23/22 17:17	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			06/23/22 17:17	1
Trichloroethene	ND		1.0	0.46	ug/L			06/23/22 17:17	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			06/23/22 17:17	1
Vinyl chloride	**4.7**		1.0	0.90	ug/L			06/23/22 17:17	1
Xylenes, Total	ND		2.0	0.66	ug/L			06/23/22 17:17	1

Client: O'Brien & Gere Inc of North America
Project/Site: Forest Glen Monitoring

Job ID: 480-199246-1
SDG: 480-199246-1

Client Sample ID: MW-10S 062222
Date Collected: 06/22/22 15:10
Date Received: 06/22/22 16:20

Lab Sample ID: 480-199246-10
Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	98		80 - 120		06/23/22 17:17	1
1,2-Dichloroethane-d4 (Surr)	104		77 - 120		06/23/22 17:17	1
4-Bromofluorobenzene (Surr)	113		73 - 120		06/23/22 17:17	1
Dibromofluoromethane (Surr)	105		75 - 123		06/23/22 17:17	1

Client: O'Brien & Gere Inc of North America
Project/Site: Forest Glen Monitoring

Job ID: 480-199246-1
SDG: 480-199246-1

Client Sample ID: X-1 062222
Date Collected: 06/22/22 00:00
Date Received: 06/22/22 16:20

Lab Sample ID: 480-199246-11
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	ND		1.0	0.82	ug/L			06/23/22 17:39	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			06/23/22 17:39	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			06/23/22 17:39	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			06/23/22 17:39	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			06/23/22 17:39	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			06/23/22 17:39	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			06/23/22 17:39	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			06/23/22 17:39	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			06/23/22 17:39	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			06/23/22 17:39	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			06/23/22 17:39	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			06/23/22 17:39	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			06/23/22 17:39	1
2-Butanone (MEK)	ND		10	1.3	ug/L			06/23/22 17:39	1
2-Hexanone	ND		5.0	1.2	ug/L			06/23/22 17:39	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			06/23/22 17:39	1
Acetone	ND		10	3.0	ug/L			06/23/22 17:39	1
Benzene	ND		1.0	0.41	ug/L			06/23/22 17:39	1
Bromodichloromethane	ND		1.0	0.39	ug/L			06/23/22 17:39	1
Bromoform	ND		1.0	0.26	ug/L			06/23/22 17:39	1
Bromomethane	ND		1.0	0.69	ug/L			06/23/22 17:39	1
Carbon disulfide	ND		1.0	0.19	ug/L			06/23/22 17:39	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			06/23/22 17:39	1
Chlorobenzene	ND		1.0	0.75	ug/L			06/23/22 17:39	1
Dibromochloromethane	ND		1.0	0.32	ug/L			06/23/22 17:39	1
Chloroethane	ND		1.0	0.32	ug/L			06/23/22 17:39	1
Chloroform	ND		1.0	0.34	ug/L			06/23/22 17:39	1
Chloromethane	ND		1.0	0.35	ug/L			06/23/22 17:39	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			06/23/22 17:39	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			06/23/22 17:39	1
Cyclohexane	ND		1.0	0.18	ug/L			06/23/22 17:39	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			06/23/22 17:39	1
Ethylbenzene	ND		1.0	0.74	ug/L			06/23/22 17:39	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			06/23/22 17:39	1
Isopropylbenzene	ND		1.0	0.79	ug/L			06/23/22 17:39	1
Methyl acetate	ND		2.5	1.3	ug/L			06/23/22 17:39	1
Methyl tert-butyl ether	**0.39**	**J**	1.0	0.16	ug/L			06/23/22 17:39	1
Methylcyclohexane	ND		1.0	0.16	ug/L			06/23/22 17:39	1
Methylene Chloride	ND		1.0	0.44	ug/L			06/23/22 17:39	1
Styrene	ND		1.0	0.73	ug/L			06/23/22 17:39	1
Tetrachloroethene	ND		1.0	0.36	ug/L			06/23/22 17:39	1
Toluene	ND		1.0	0.51	ug/L			06/23/22 17:39	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			06/23/22 17:39	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			06/23/22 17:39	1
Trichloroethene	ND		1.0	0.46	ug/L			06/23/22 17:39	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			06/23/22 17:39	1
Vinyl chloride	ND		1.0	0.90	ug/L			06/23/22 17:39	1
Xylenes, Total	ND		2.0	0.66	ug/L			06/23/22 17:39	1

Client: O'Brien & Gere Inc of North America
Project/Site: Forest Glen Monitoring

Job ID: 480-199246-1
SDG: 480-199246-1

Client Sample ID: X-1 062222
Date Collected: 06/22/22 00:00
Date Received: 06/22/22 16:20

Lab Sample ID: 480-199246-11
Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	97		80 - 120		06/23/22 17:39	1
1,2-Dichloroethane-d4 (Surr)	107		77 - 120		06/23/22 17:39	1
4-Bromofluorobenzene (Surr)	114		73 - 120		06/23/22 17:39	1
Dibromofluoromethane (Surr)	107		75 - 123		06/23/22 17:39	1

Client: O'Brien & Gere Inc of North America
Project/Site: Forest Glen Monitoring

Job ID: 480-199246-1
SDG: 480-199246-1

Client Sample ID: TRIP BLANK
Date Collected: 06/22/22 00:00
Date Received: 06/22/22 16:20

Lab Sample ID: 480-199246-12
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	ND		1.0	0.82	ug/L			06/23/22 18:01	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			06/23/22 18:01	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			06/23/22 18:01	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			06/23/22 18:01	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			06/23/22 18:01	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			06/23/22 18:01	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			06/23/22 18:01	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			06/23/22 18:01	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			06/23/22 18:01	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			06/23/22 18:01	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			06/23/22 18:01	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			06/23/22 18:01	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			06/23/22 18:01	1
2-Butanone (MEK)	ND		10	1.3	ug/L			06/23/22 18:01	1
2-Hexanone	ND		5.0	1.2	ug/L			06/23/22 18:01	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			06/23/22 18:01	1
Acetone	ND		10	3.0	ug/L			06/23/22 18:01	1
Benzene	ND		1.0	0.41	ug/L			06/23/22 18:01	1
Bromodichloromethane	ND		1.0	0.39	ug/L			06/23/22 18:01	1
Bromoform	ND		1.0	0.26	ug/L			06/23/22 18:01	1
Bromomethane	ND		1.0	0.69	ug/L			06/23/22 18:01	1
Carbon disulfide	ND		1.0	0.19	ug/L			06/23/22 18:01	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			06/23/22 18:01	1
Chlorobenzene	ND		1.0	0.75	ug/L			06/23/22 18:01	1
Dibromochloromethane	ND		1.0	0.32	ug/L			06/23/22 18:01	1
Chloroethane	ND		1.0	0.32	ug/L			06/23/22 18:01	1
Chloroform	ND		1.0	0.34	ug/L			06/23/22 18:01	1
Chloromethane	ND		1.0	0.35	ug/L			06/23/22 18:01	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			06/23/22 18:01	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			06/23/22 18:01	1
Cyclohexane	ND		1.0	0.18	ug/L			06/23/22 18:01	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			06/23/22 18:01	1
Ethylbenzene	ND		1.0	0.74	ug/L			06/23/22 18:01	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			06/23/22 18:01	1
Isopropylbenzene	ND		1.0	0.79	ug/L			06/23/22 18:01	1
Methyl acetate	ND		2.5	1.3	ug/L			06/23/22 18:01	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			06/23/22 18:01	1
Methylcyclohexane	ND		1.0	0.16	ug/L			06/23/22 18:01	1
Methylene Chloride	ND		1.0	0.44	ug/L			06/23/22 18:01	1
Styrene	ND		1.0	0.73	ug/L			06/23/22 18:01	1
Tetrachloroethene	ND		1.0	0.36	ug/L			06/23/22 18:01	1
Toluene	ND		1.0	0.51	ug/L			06/23/22 18:01	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			06/23/22 18:01	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			06/23/22 18:01	1
Trichloroethene	ND		1.0	0.46	ug/L			06/23/22 18:01	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			06/23/22 18:01	1
Vinyl chloride	ND		1.0	0.90	ug/L			06/23/22 18:01	1
Xylenes, Total	ND		2.0	0.66	ug/L			06/23/22 18:01	1

Client Sample Results

Client: O'Brien & Gere Inc of North America
Project/Site: Forest Glen Monitoring

Job ID: 480-199246-1
SDG: 480-199246-1

Client Sample ID: TRIP BLANK

Date Collected: 06/22/22 00:00
Date Received: 06/22/22 16:20

Lab Sample ID: 480-199246-12

Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	96		80 - 120		06/23/22 18:01	1
1,2-Dichloroethane-d4 (Surr)	105		77 - 120		06/23/22 18:01	1
4-Bromofluorobenzene (Surr)	112		73 - 120		06/23/22 18:01	1
Dibromofluoromethane (Surr)	107		75 - 123		06/23/22 18:01	1

Client: O'Brien & Gere Inc of North America
Project/Site: Forest Glen Monitoring

Job ID: 480-199246-1
SDG: 480-199246-1

Client Sample ID: MW-8DD 062322
Date Collected: 06/23/22 08:32
Date Received: 06/23/22 13:20

Lab Sample ID: 480-199280-1
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	ND		1.0	0.82	ug/L			06/23/22 23:25	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			06/23/22 23:25	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			06/23/22 23:25	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			06/23/22 23:25	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			06/23/22 23:25	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			06/23/22 23:25	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			06/23/22 23:25	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			06/23/22 23:25	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			06/23/22 23:25	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			06/23/22 23:25	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			06/23/22 23:25	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			06/23/22 23:25	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			06/23/22 23:25	1
2-Butanone (MEK)	ND		10	1.3	ug/L			06/23/22 23:25	1
2-Hexanone	ND		5.0	1.2	ug/L			06/23/22 23:25	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			06/23/22 23:25	1
Acetone	ND		10	3.0	ug/L			06/23/22 23:25	1
Benzene	ND		1.0	0.41	ug/L			06/23/22 23:25	1
Bromodichloromethane	ND		1.0	0.39	ug/L			06/23/22 23:25	1
Bromoform	ND		1.0	0.26	ug/L			06/23/22 23:25	1
Bromomethane	ND		1.0	0.69	ug/L			06/23/22 23:25	1
Carbon disulfide	ND		1.0	0.19	ug/L			06/23/22 23:25	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			06/23/22 23:25	1
Chlorobenzene	ND		1.0	0.75	ug/L			06/23/22 23:25	1
Dibromochloromethane	ND		1.0	0.32	ug/L			06/23/22 23:25	1
Chloroethane	ND		1.0	0.32	ug/L			06/23/22 23:25	1
Chloroform	ND		1.0	0.34	ug/L			06/23/22 23:25	1
Chloromethane	ND		1.0	0.35	ug/L			06/23/22 23:25	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			06/23/22 23:25	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			06/23/22 23:25	1
Cyclohexane	ND		1.0	0.18	ug/L			06/23/22 23:25	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			06/23/22 23:25	1
Ethylbenzene	ND		1.0	0.74	ug/L			06/23/22 23:25	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			06/23/22 23:25	1
Isopropylbenzene	ND		1.0	0.79	ug/L			06/23/22 23:25	1
Methyl acetate	ND		2.5	1.3	ug/L			06/23/22 23:25	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			06/23/22 23:25	1
Methylcyclohexane	ND		1.0	0.16	ug/L			06/23/22 23:25	1
Methylene Chloride	ND		1.0	0.44	ug/L			06/23/22 23:25	1
Styrene	ND		1.0	0.73	ug/L			06/23/22 23:25	1
Tetrachloroethene	ND		1.0	0.36	ug/L			06/23/22 23:25	1
Toluene	ND		1.0	0.51	ug/L			06/23/22 23:25	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			06/23/22 23:25	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			06/23/22 23:25	1
Trichloroethene	ND		1.0	0.46	ug/L			06/23/22 23:25	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			06/23/22 23:25	1
Vinyl chloride	ND		1.0	0.90	ug/L			06/23/22 23:25	1
Xylenes, Total	ND		2.0	0.66	ug/L			06/23/22 23:25	1

Client: O'Brien & Gere Inc of North America
Project/Site: Forest Glen Monitoring

Job ID: 480-199246-1
SDG: 480-199246-1

Client Sample ID: MW-8DD 062322
Date Collected: 06/23/22 08:32
Date Received: 06/23/22 13:20

Lab Sample ID: 480-199280-1
Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	99		80 - 120		06/23/22 23:25	1
1,2-Dichloroethane-d4 (Surr)	104		77 - 120		06/23/22 23:25	1
4-Bromofluorobenzene (Surr)	103		73 - 120		06/23/22 23:25	1
Dibromofluoromethane (Surr)	102		75 - 123		06/23/22 23:25	1

Client: O'Brien & Gere Inc of North America
Project/Site: Forest Glen Monitoring

Job ID: 480-199246-1
SDG: 480-199246-1

Client Sample ID: MW-7D 062322
Date Collected: 06/23/22 08:35
Date Received: 06/23/22 13:20

Lab Sample ID: 480-199280-2
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	ND		1.0	0.82	ug/L			06/23/22 23:49	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			06/23/22 23:49	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			06/23/22 23:49	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			06/23/22 23:49	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			06/23/22 23:49	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			06/23/22 23:49	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			06/23/22 23:49	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			06/23/22 23:49	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			06/23/22 23:49	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			06/23/22 23:49	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			06/23/22 23:49	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			06/23/22 23:49	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			06/23/22 23:49	1
2-Butanone (MEK)	ND		10	1.3	ug/L			06/23/22 23:49	1
2-Hexanone	ND		5.0	1.2	ug/L			06/23/22 23:49	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			06/23/22 23:49	1
Acetone	ND		10	3.0	ug/L			06/23/22 23:49	1
Benzene	ND		1.0	0.41	ug/L			06/23/22 23:49	1
Bromodichloromethane	ND		1.0	0.39	ug/L			06/23/22 23:49	1
Bromoform	ND		1.0	0.26	ug/L			06/23/22 23:49	1
Bromomethane	ND		1.0	0.69	ug/L			06/23/22 23:49	1
Carbon disulfide	ND		1.0	0.19	ug/L			06/23/22 23:49	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			06/23/22 23:49	1
Chlorobenzene	ND		1.0	0.75	ug/L			06/23/22 23:49	1
Dibromochloromethane	ND		1.0	0.32	ug/L			06/23/22 23:49	1
Chloroethane	ND		1.0	0.32	ug/L			06/23/22 23:49	1
Chloroform	ND		1.0	0.34	ug/L			06/23/22 23:49	1
Chloromethane	ND		1.0	0.35	ug/L			06/23/22 23:49	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			06/23/22 23:49	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			06/23/22 23:49	1
Cyclohexane	ND		1.0	0.18	ug/L			06/23/22 23:49	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			06/23/22 23:49	1
Ethylbenzene	ND		1.0	0.74	ug/L			06/23/22 23:49	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			06/23/22 23:49	1
Isopropylbenzene	ND		1.0	0.79	ug/L			06/23/22 23:49	1
Methyl acetate	ND		2.5	1.3	ug/L			06/23/22 23:49	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			06/23/22 23:49	1
Methylcyclohexane	ND		1.0	0.16	ug/L			06/23/22 23:49	1
Methylene Chloride	ND		1.0	0.44	ug/L			06/23/22 23:49	1
Styrene	ND		1.0	0.73	ug/L			06/23/22 23:49	1
Tetrachloroethene	ND		1.0	0.36	ug/L			06/23/22 23:49	1
Toluene	ND		1.0	0.51	ug/L			06/23/22 23:49	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			06/23/22 23:49	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			06/23/22 23:49	1
Trichloroethene	**0.98**	**J**	1.0	0.46	ug/L			06/23/22 23:49	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			06/23/22 23:49	1
Vinyl chloride	ND		1.0	0.90	ug/L			06/23/22 23:49	1
Xylenes, Total	ND		2.0	0.66	ug/L			06/23/22 23:49	1

Client Sample Results

Client: O'Brien & Gere Inc of North America
Project/Site: Forest Glen Monitoring

Job ID: 480-199246-1
SDG: 480-199246-1

Client Sample ID: MW-7D 062322
Date Collected: 06/23/22 08:35
Date Received: 06/23/22 13:20

Lab Sample ID: 480-199280-2
Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	101		80 - 120		06/23/22 23:49	1
1,2-Dichloroethane-d4 (Surr)	103		77 - 120		06/23/22 23:49	1
4-Bromofluorobenzene (Surr)	106		73 - 120		06/23/22 23:49	1
Dibromofluoromethane (Surr)	103		75 - 123		06/23/22 23:49	1

Client: O'Brien & Gere Inc of North America
Project/Site: Forest Glen Monitoring

Job ID: 480-199246-1
SDG: 480-199246-1

Client Sample ID: MW-8S 062322
Date Collected: 06/23/22 09:35
Date Received: 06/23/22 13:20

Lab Sample ID: 480-199280-3
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	ND		1.0	0.82	ug/L			06/24/22 00:12	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			06/24/22 00:12	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			06/24/22 00:12	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			06/24/22 00:12	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			06/24/22 00:12	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			06/24/22 00:12	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			06/24/22 00:12	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			06/24/22 00:12	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			06/24/22 00:12	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			06/24/22 00:12	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			06/24/22 00:12	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			06/24/22 00:12	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			06/24/22 00:12	1
2-Butanone (MEK)	ND		10	1.3	ug/L			06/24/22 00:12	1
2-Hexanone	ND		5.0	1.2	ug/L			06/24/22 00:12	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			06/24/22 00:12	1
Acetone	ND		10	3.0	ug/L			06/24/22 00:12	1
Benzene	ND		1.0	0.41	ug/L			06/24/22 00:12	1
Bromodichloromethane	ND		1.0	0.39	ug/L			06/24/22 00:12	1
Bromoform	ND		1.0	0.26	ug/L			06/24/22 00:12	1
Bromomethane	ND		1.0	0.69	ug/L			06/24/22 00:12	1
Carbon disulfide	ND		1.0	0.19	ug/L			06/24/22 00:12	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			06/24/22 00:12	1
Chlorobenzene	ND		1.0	0.75	ug/L			06/24/22 00:12	1
Dibromochloromethane	ND		1.0	0.32	ug/L			06/24/22 00:12	1
Chloroethane	ND		1.0	0.32	ug/L			06/24/22 00:12	1
Chloroform	ND		1.0	0.34	ug/L			06/24/22 00:12	1
Chloromethane	ND		1.0	0.35	ug/L			06/24/22 00:12	1
cis-1,2-Dichloroethene	**2.2**		1.0	0.81	ug/L			06/24/22 00:12	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			06/24/22 00:12	1
Cyclohexane	ND		1.0	0.18	ug/L			06/24/22 00:12	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			06/24/22 00:12	1
Ethylbenzene	ND		1.0	0.74	ug/L			06/24/22 00:12	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			06/24/22 00:12	1
Isopropylbenzene	ND		1.0	0.79	ug/L			06/24/22 00:12	1
Methyl acetate	ND		2.5	1.3	ug/L			06/24/22 00:12	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			06/24/22 00:12	1
Methylcyclohexane	ND		1.0	0.16	ug/L			06/24/22 00:12	1
Methylene Chloride	ND		1.0	0.44	ug/L			06/24/22 00:12	1
Styrene	ND		1.0	0.73	ug/L			06/24/22 00:12	1
Tetrachloroethene	**0.46**	**J**	1.0	0.36	ug/L			06/24/22 00:12	1
Toluene	ND		1.0	0.51	ug/L			06/24/22 00:12	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			06/24/22 00:12	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			06/24/22 00:12	1
Trichloroethene	**2.4**		1.0	0.46	ug/L			06/24/22 00:12	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			06/24/22 00:12	1
Vinyl chloride	ND		1.0	0.90	ug/L			06/24/22 00:12	1
Xylenes, Total	ND		2.0	0.66	ug/L			06/24/22 00:12	1

Client: O'Brien & Gere Inc of North America
Project/Site: Forest Glen Monitoring

Job ID: 480-199246-1
SDG: 480-199246-1

Client Sample ID: MW-8S 062322
Date Collected: 06/23/22 09:35
Date Received: 06/23/22 13:20

Lab Sample ID: 480-199280-3
Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	100		80 - 120		06/24/22 00:12	1
1,2-Dichloroethane-d4 (Surr)	99		77 - 120		06/24/22 00:12	1
4-Bromofluorobenzene (Surr)	104		73 - 120		06/24/22 00:12	1
Dibromofluoromethane (Surr)	100		75 - 123		06/24/22 00:12	1

Client: O'Brien & Gere Inc of North America
Project/Site: Forest Glen Monitoring

Job ID: 480-199246-1
SDG: 480-199246-1

Client Sample ID: MW-7S 062322
Date Collected: 06/23/22 09:40
Date Received: 06/23/22 13:20

Lab Sample ID: 480-199280-4
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	ND		1.0	0.82	ug/L			06/24/22 00:36	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			06/24/22 00:36	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			06/24/22 00:36	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			06/24/22 00:36	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			06/24/22 00:36	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			06/24/22 00:36	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			06/24/22 00:36	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			06/24/22 00:36	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			06/24/22 00:36	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			06/24/22 00:36	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			06/24/22 00:36	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			06/24/22 00:36	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			06/24/22 00:36	1
2-Butanone (MEK)	ND		10	1.3	ug/L			06/24/22 00:36	1
2-Hexanone	ND		5.0	1.2	ug/L			06/24/22 00:36	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			06/24/22 00:36	1
Acetone	ND		10	3.0	ug/L			06/24/22 00:36	1
Benzene	ND		1.0	0.41	ug/L			06/24/22 00:36	1
Bromodichloromethane	ND		1.0	0.39	ug/L			06/24/22 00:36	1
Bromoform	ND		1.0	0.26	ug/L			06/24/22 00:36	1
Bromomethane	ND		1.0	0.69	ug/L			06/24/22 00:36	1
Carbon disulfide	ND		1.0	0.19	ug/L			06/24/22 00:36	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			06/24/22 00:36	1
Chlorobenzene	ND		1.0	0.75	ug/L			06/24/22 00:36	1
Dibromochloromethane	ND		1.0	0.32	ug/L			06/24/22 00:36	1
Chloroethane	ND		1.0	0.32	ug/L			06/24/22 00:36	1
Chloroform	ND		1.0	0.34	ug/L			06/24/22 00:36	1
Chloromethane	ND		1.0	0.35	ug/L			06/24/22 00:36	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			06/24/22 00:36	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			06/24/22 00:36	1
Cyclohexane	ND		1.0	0.18	ug/L			06/24/22 00:36	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			06/24/22 00:36	1
Ethylbenzene	ND		1.0	0.74	ug/L			06/24/22 00:36	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			06/24/22 00:36	1
Isopropylbenzene	ND		1.0	0.79	ug/L			06/24/22 00:36	1
Methyl acetate	ND		2.5	1.3	ug/L			06/24/22 00:36	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			06/24/22 00:36	1
Methylcyclohexane	ND		1.0	0.16	ug/L			06/24/22 00:36	1
Methylene Chloride	ND		1.0	0.44	ug/L			06/24/22 00:36	1
Styrene	ND		1.0	0.73	ug/L			06/24/22 00:36	1
Tetrachloroethene	ND		1.0	0.36	ug/L			06/24/22 00:36	1
Toluene	ND		1.0	0.51	ug/L			06/24/22 00:36	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			06/24/22 00:36	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			06/24/22 00:36	1
Trichloroethene	**0.75**	**J**	1.0	0.46	ug/L			06/24/22 00:36	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			06/24/22 00:36	1
Vinyl chloride	ND		1.0	0.90	ug/L			06/24/22 00:36	1
Xylenes, Total	ND		2.0	0.66	ug/L			06/24/22 00:36	1

Client Sample ID: MW-7S 062322
Date Collected: 06/23/22 09:40
Date Received: 06/23/22 13:20

Lab Sample ID: 480-199280-4
Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	100		80 - 120		06/24/22 00:36	1
1,2-Dichloroethane-d4 (Surr)	100		77 - 120		06/24/22 00:36	1
4-Bromofluorobenzene (Surr)	104		73 - 120		06/24/22 00:36	1
Dibromofluoromethane (Surr)	99		75 - 123		06/24/22 00:36	1

Client: O'Brien & Gere Inc of North America
Project/Site: Forest Glen Monitoring

Job ID: 480-199246-1
SDG: 480-199246-1

Client Sample ID: MW-8D 062322
Date Collected: 06/23/22 10:42
Date Received: 06/23/22 13:20

Lab Sample ID: 480-199280-5
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	ND		1.0	0.82	ug/L			06/24/22 00:59	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			06/24/22 00:59	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			06/24/22 00:59	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			06/24/22 00:59	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			06/24/22 00:59	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			06/24/22 00:59	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			06/24/22 00:59	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			06/24/22 00:59	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			06/24/22 00:59	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			06/24/22 00:59	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			06/24/22 00:59	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			06/24/22 00:59	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			06/24/22 00:59	1
2-Butanone (MEK)	ND		10	1.3	ug/L			06/24/22 00:59	1
2-Hexanone	ND		5.0	1.2	ug/L			06/24/22 00:59	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			06/24/22 00:59	1
Acetone	ND		10	3.0	ug/L			06/24/22 00:59	1
Benzene	ND		1.0	0.41	ug/L			06/24/22 00:59	1
Bromodichloromethane	ND		1.0	0.39	ug/L			06/24/22 00:59	1
Bromoform	ND		1.0	0.26	ug/L			06/24/22 00:59	1
Bromomethane	ND		1.0	0.69	ug/L			06/24/22 00:59	1
Carbon disulfide	ND		1.0	0.19	ug/L			06/24/22 00:59	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			06/24/22 00:59	1
Chlorobenzene	ND		1.0	0.75	ug/L			06/24/22 00:59	1
Dibromochloromethane	ND		1.0	0.32	ug/L			06/24/22 00:59	1
Chloroethane	ND		1.0	0.32	ug/L			06/24/22 00:59	1
Chloroform	ND		1.0	0.34	ug/L			06/24/22 00:59	1
Chloromethane	ND		1.0	0.35	ug/L			06/24/22 00:59	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			06/24/22 00:59	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			06/24/22 00:59	1
Cyclohexane	ND		1.0	0.18	ug/L			06/24/22 00:59	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			06/24/22 00:59	1
Ethylbenzene	ND		1.0	0.74	ug/L			06/24/22 00:59	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			06/24/22 00:59	1
Isopropylbenzene	ND		1.0	0.79	ug/L			06/24/22 00:59	1
Methyl acetate	ND		2.5	1.3	ug/L			06/24/22 00:59	1
Methyl tert-butyl ether	**0.18**	**J**	1.0	0.16	ug/L			06/24/22 00:59	1
Methylcyclohexane	ND		1.0	0.16	ug/L			06/24/22 00:59	1
Methylene Chloride	ND		1.0	0.44	ug/L			06/24/22 00:59	1
Styrene	ND		1.0	0.73	ug/L			06/24/22 00:59	1
Tetrachloroethene	ND		1.0	0.36	ug/L			06/24/22 00:59	1
Toluene	ND		1.0	0.51	ug/L			06/24/22 00:59	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			06/24/22 00:59	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			06/24/22 00:59	1
Trichloroethene	ND		1.0	0.46	ug/L			06/24/22 00:59	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			06/24/22 00:59	1
Vinyl chloride	**1.4**		1.0	0.90	ug/L			06/24/22 00:59	1
Xylenes, Total	ND		2.0	0.66	ug/L			06/24/22 00:59	1

Client: O'Brien & Gere Inc of North America
Project/Site: Forest Glen Monitoring

Job ID: 480-199246-1
SDG: 480-199246-1

Client Sample ID: MW-8D 062322
Date Collected: 06/23/22 10:42
Date Received: 06/23/22 13:20

Lab Sample ID: 480-199280-5
Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	102		80 - 120		06/24/22 00:59	1
1,2-Dichloroethane-d4 (Surr)	100		77 - 120		06/24/22 00:59	1
4-Bromofluorobenzene (Surr)	106		73 - 120		06/24/22 00:59	1
Dibromofluoromethane (Surr)	101		75 - 123		06/24/22 00:59	1

Client: O'Brien & Gere Inc of North America
Project/Site: Forest Glen Monitoring

Job ID: 480-199246-1
SDG: 480-199246-1

Client Sample ID: MW-7DD-2 062322
Date Collected: 06/23/22 10:50
Date Received: 06/23/22 13:20

Lab Sample ID: 480-199280-6
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	ND		1.0	0.82	ug/L			06/24/22 01:22	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			06/24/22 01:22	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			06/24/22 01:22	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			06/24/22 01:22	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			06/24/22 01:22	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			06/24/22 01:22	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			06/24/22 01:22	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			06/24/22 01:22	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			06/24/22 01:22	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			06/24/22 01:22	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			06/24/22 01:22	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			06/24/22 01:22	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			06/24/22 01:22	1
2-Butanone (MEK)	ND		10	1.3	ug/L			06/24/22 01:22	1
2-Hexanone	ND		5.0	1.2	ug/L			06/24/22 01:22	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			06/24/22 01:22	1
Acetone	ND		10	3.0	ug/L			06/24/22 01:22	1
Benzene	ND		1.0	0.41	ug/L			06/24/22 01:22	1
Bromodichloromethane	ND		1.0	0.39	ug/L			06/24/22 01:22	1
Bromoform	ND		1.0	0.26	ug/L			06/24/22 01:22	1
Bromomethane	ND		1.0	0.69	ug/L			06/24/22 01:22	1
Carbon disulfide	ND		1.0	0.19	ug/L			06/24/22 01:22	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			06/24/22 01:22	1
Chlorobenzene	ND		1.0	0.75	ug/L			06/24/22 01:22	1
Dibromochloromethane	ND		1.0	0.32	ug/L			06/24/22 01:22	1
Chloroethane	ND		1.0	0.32	ug/L			06/24/22 01:22	1
Chloroform	ND		1.0	0.34	ug/L			06/24/22 01:22	1
Chloromethane	ND		1.0	0.35	ug/L			06/24/22 01:22	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			06/24/22 01:22	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			06/24/22 01:22	1
Cyclohexane	ND		1.0	0.18	ug/L			06/24/22 01:22	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			06/24/22 01:22	1
Ethylbenzene	ND		1.0	0.74	ug/L			06/24/22 01:22	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			06/24/22 01:22	1
Isopropylbenzene	ND		1.0	0.79	ug/L			06/24/22 01:22	1
Methyl acetate	ND		2.5	1.3	ug/L			06/24/22 01:22	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			06/24/22 01:22	1
Methylcyclohexane	ND		1.0	0.16	ug/L			06/24/22 01:22	1
Methylene Chloride	ND		1.0	0.44	ug/L			06/24/22 01:22	1
Styrene	ND		1.0	0.73	ug/L			06/24/22 01:22	1
Tetrachloroethene	ND		1.0	0.36	ug/L			06/24/22 01:22	1
Toluene	ND		1.0	0.51	ug/L			06/24/22 01:22	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			06/24/22 01:22	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			06/24/22 01:22	1
Trichloroethene	ND		1.0	0.46	ug/L			06/24/22 01:22	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			06/24/22 01:22	1
Vinyl chloride	ND		1.0	0.90	ug/L			06/24/22 01:22	1
Xylenes, Total	ND		2.0	0.66	ug/L			06/24/22 01:22	1

Client: O'Brien & Gere Inc of North America
Project/Site: Forest Glen Monitoring

Job ID: 480-199246-1
SDG: 480-199246-1

Client Sample ID: MW-7DD-2 062322
Date Collected: 06/23/22 10:50
Date Received: 06/23/22 13:20

Lab Sample ID: 480-199280-6
Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	102		80 - 120		06/24/22 01:22	1
1,2-Dichloroethane-d4 (Surr)	103		77 - 120		06/24/22 01:22	1
4-Bromofluorobenzene (Surr)	105		73 - 120		06/24/22 01:22	1
Dibromofluoromethane (Surr)	104		75 - 123		06/24/22 01:22	1

Client: O'Brien & Gere Inc of North America
Project/Site: Forest Glen Monitoring

Job ID: 480-199246-1
SDG: 480-199246-1

Client Sample ID: MW-4S 062322
Date Collected: 06/23/22 11:50
Date Received: 06/23/22 13:20

Lab Sample ID: 480-199280-7
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	ND		1.0	0.82	ug/L			06/24/22 01:46	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			06/24/22 01:46	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			06/24/22 01:46	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			06/24/22 01:46	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			06/24/22 01:46	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			06/24/22 01:46	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			06/24/22 01:46	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			06/24/22 01:46	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			06/24/22 01:46	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			06/24/22 01:46	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			06/24/22 01:46	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			06/24/22 01:46	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			06/24/22 01:46	1
2-Butanone (MEK)	ND		10	1.3	ug/L			06/24/22 01:46	1
2-Hexanone	ND		5.0	1.2	ug/L			06/24/22 01:46	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			06/24/22 01:46	1
Acetone	ND		10	3.0	ug/L			06/24/22 01:46	1
Benzene	ND		1.0	0.41	ug/L			06/24/22 01:46	1
Bromodichloromethane	ND		1.0	0.39	ug/L			06/24/22 01:46	1
Bromoform	ND		1.0	0.26	ug/L			06/24/22 01:46	1
Bromomethane	ND		1.0	0.69	ug/L			06/24/22 01:46	1
Carbon disulfide	ND		1.0	0.19	ug/L			06/24/22 01:46	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			06/24/22 01:46	1
Chlorobenzene	ND		1.0	0.75	ug/L			06/24/22 01:46	1
Dibromochloromethane	ND		1.0	0.32	ug/L			06/24/22 01:46	1
Chloroethane	ND		1.0	0.32	ug/L			06/24/22 01:46	1
Chloroform	ND		1.0	0.34	ug/L			06/24/22 01:46	1
Chloromethane	ND		1.0	0.35	ug/L			06/24/22 01:46	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			06/24/22 01:46	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			06/24/22 01:46	1
Cyclohexane	ND		1.0	0.18	ug/L			06/24/22 01:46	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			06/24/22 01:46	1
Ethylbenzene	ND		1.0	0.74	ug/L			06/24/22 01:46	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			06/24/22 01:46	1
Isopropylbenzene	ND		1.0	0.79	ug/L			06/24/22 01:46	1
Methyl acetate	ND		2.5	1.3	ug/L			06/24/22 01:46	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			06/24/22 01:46	1
Methylcyclohexane	ND		1.0	0.16	ug/L			06/24/22 01:46	1
Methylene Chloride	ND		1.0	0.44	ug/L			06/24/22 01:46	1
Styrene	ND		1.0	0.73	ug/L			06/24/22 01:46	1
Tetrachloroethene	ND		1.0	0.36	ug/L			06/24/22 01:46	1
Toluene	ND		1.0	0.51	ug/L			06/24/22 01:46	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			06/24/22 01:46	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			06/24/22 01:46	1
Trichloroethene	ND		1.0	0.46	ug/L			06/24/22 01:46	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			06/24/22 01:46	1
Vinyl chloride	ND		1.0	0.90	ug/L			06/24/22 01:46	1
Xylenes, Total	ND		2.0	0.66	ug/L			06/24/22 01:46	1

Client Sample Results

Client: O'Brien & Gere Inc of North America
Project/Site: Forest Glen Monitoring

Job ID: 480-199246-1
SDG: 480-199246-1

Client Sample ID: MW-4S 062322

Date Collected: 06/23/22 11:50
Date Received: 06/23/22 13:20

Lab Sample ID: 480-199280-7

Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	99		80 - 120		06/24/22 01:46	1
1,2-Dichloroethane-d4 (Surr)	102		77 - 120		06/24/22 01:46	1
4-Bromofluorobenzene (Surr)	102		73 - 120		06/24/22 01:46	1
Dibromofluoromethane (Surr)	100		75 - 123		06/24/22 01:46	1

Client: O'Brien & Gere Inc of North America
Project/Site: Forest Glen Monitoring

Job ID: 480-199246-1
SDG: 480-199246-1

Client Sample ID: TRIP BLANK
Date Collected: 06/23/22 00:00
Date Received: 06/23/22 13:20

Lab Sample ID: 480-199280-8
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	ND		1.0	0.82	ug/L			06/24/22 02:09	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			06/24/22 02:09	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			06/24/22 02:09	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			06/24/22 02:09	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			06/24/22 02:09	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			06/24/22 02:09	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			06/24/22 02:09	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			06/24/22 02:09	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			06/24/22 02:09	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			06/24/22 02:09	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			06/24/22 02:09	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			06/24/22 02:09	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			06/24/22 02:09	1
2-Butanone (MEK)	ND		10	1.3	ug/L			06/24/22 02:09	1
2-Hexanone	ND		5.0	1.2	ug/L			06/24/22 02:09	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			06/24/22 02:09	1
Acetone	ND		10	3.0	ug/L			06/24/22 02:09	1
Benzene	ND		1.0	0.41	ug/L			06/24/22 02:09	1
Bromodichloromethane	ND		1.0	0.39	ug/L			06/24/22 02:09	1
Bromoform	ND		1.0	0.26	ug/L			06/24/22 02:09	1
Bromomethane	ND		1.0	0.69	ug/L			06/24/22 02:09	1
Carbon disulfide	ND		1.0	0.19	ug/L			06/24/22 02:09	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			06/24/22 02:09	1
Chlorobenzene	ND		1.0	0.75	ug/L			06/24/22 02:09	1
Dibromochloromethane	ND		1.0	0.32	ug/L			06/24/22 02:09	1
Chloroethane	ND		1.0	0.32	ug/L			06/24/22 02:09	1
Chloroform	ND		1.0	0.34	ug/L			06/24/22 02:09	1
Chloromethane	ND		1.0	0.35	ug/L			06/24/22 02:09	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			06/24/22 02:09	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			06/24/22 02:09	1
Cyclohexane	ND		1.0	0.18	ug/L			06/24/22 02:09	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			06/24/22 02:09	1
Ethylbenzene	ND		1.0	0.74	ug/L			06/24/22 02:09	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			06/24/22 02:09	1
Isopropylbenzene	ND		1.0	0.79	ug/L			06/24/22 02:09	1
Methyl acetate	ND		2.5	1.3	ug/L			06/24/22 02:09	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			06/24/22 02:09	1
Methylcyclohexane	ND		1.0	0.16	ug/L			06/24/22 02:09	1
Methylene Chloride	ND		1.0	0.44	ug/L			06/24/22 02:09	1
Styrene	ND		1.0	0.73	ug/L			06/24/22 02:09	1
Tetrachloroethene	ND		1.0	0.36	ug/L			06/24/22 02:09	1
Toluene	ND		1.0	0.51	ug/L			06/24/22 02:09	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			06/24/22 02:09	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			06/24/22 02:09	1
Trichloroethene	ND		1.0	0.46	ug/L			06/24/22 02:09	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			06/24/22 02:09	1
Vinyl chloride	ND		1.0	0.90	ug/L			06/24/22 02:09	1
Xylenes, Total	ND		2.0	0.66	ug/L			06/24/22 02:09	1

Client: O'Brien & Gere Inc of North America
Project/Site: Forest Glen Monitoring

Job ID: 480-199246-1
SDG: 480-199246-1

Client Sample ID: TRIP BLANK
Date Collected: 06/23/22 00:00
Date Received: 06/23/22 13:20

Lab Sample ID: 480-199280-8
Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	102		80 - 120		06/24/22 02:09	1
1,2-Dichloroethane-d4 (Surr)	106		77 - 120		06/24/22 02:09	1
4-Bromofluorobenzene (Surr)	106		73 - 120		06/24/22 02:09	1
Dibromofluoromethane (Surr)	107		75 - 123		06/24/22 02:09	1

Surrogate Summary

Client: O'Brien & Gere Inc of North America
Project/Site: Forest Glen Monitoring

Job ID: 480-199246-1
SDG: 480-199246-1

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

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

		Percent Surrogate Recovery (Acceptance Limits)			
		TOL	DCA	BFB	DBFM
Lab Sample ID	Client Sample ID	(80-120)	(77-120)	(73-120)	(75-123)
480-199246-1	MW-1D 062122	96	102	112	102
480-199246-2	MW-1S 062122	98	103	111	104
480-199246-3	MW-6D 062222	97	105	113	106
480-199246-4	MW-6DD 062222	96	104	112	104
480-199246-5	MW-6S 062222	98	105	115	106
480-199246-6	MW-5D 062222	97	106	113	104
480-199246-7	MW-5S 062222	97	103	112	105
480-199246-7 - DL	MW-5S 062222	90	88	102	100
480-199246-8	MW-10D 062222	98	107	112	108
480-199246-8 MS	MW-10D MS 062222	101	103	109	104
480-199246-8 MSD	MW-10D MSD 062222	100	103	110	103
480-199246-9	MW-4D 062222	94	108	112	107
480-199246-10	MW-10S 062222	98	104	113	105
480-199246-11	X-1 062222	97	107	114	107
480-199246-12	TRIP BLANK	96	105	112	107
480-199280-1	MW-8DD 062322	99	104	103	102
480-199280-2	MW-7D 062322	101	103	106	103
480-199280-3	MW-8S 062322	100	99	104	100
480-199280-4	MW-7S 062322	100	100	104	99
480-199280-5	MW-8D 062322	102	100	106	101
480-199280-6	MW-7DD-2 062322	102	103	105	104
480-199280-7	MW-4S 062322	99	102	102	100
480-199280-8	TRIP BLANK	102	106	106	107
LCS 480-631257/5	Lab Control Sample	100	98	102	100
LCS 480-631337/6	Lab Control Sample	105	100	105	103
LCS 480-631448/5	Lab Control Sample	93	85	104	94
LCSD 480-631337/57	Lab Control Sample Dup	105	98	105	103
MB 480-631257/7	Method Blank	98	100	108	101
MB 480-631337/8	Method Blank	100	98	103	100
MB 480-631448/7	Method Blank	91	86	104	96

Surrogate Legend

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

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

Lab Sample ID: MB 480-631257/7
Matrix: Water
Analysis Batch: 631257

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	ND		1.0	0.82	ug/L			06/23/22 13:09	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			06/23/22 13:09	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			06/23/22 13:09	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			06/23/22 13:09	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			06/23/22 13:09	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			06/23/22 13:09	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			06/23/22 13:09	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			06/23/22 13:09	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			06/23/22 13:09	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			06/23/22 13:09	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			06/23/22 13:09	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			06/23/22 13:09	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			06/23/22 13:09	1
2-Butanone (MEK)	ND		10	1.3	ug/L			06/23/22 13:09	1
2-Hexanone	ND		5.0	1.2	ug/L			06/23/22 13:09	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			06/23/22 13:09	1
Acetone	ND		10	3.0	ug/L			06/23/22 13:09	1
Benzene	ND		1.0	0.41	ug/L			06/23/22 13:09	1
Bromodichloromethane	ND		1.0	0.39	ug/L			06/23/22 13:09	1
Bromoform	ND		1.0	0.26	ug/L			06/23/22 13:09	1
Bromomethane	ND		1.0	0.69	ug/L			06/23/22 13:09	1
Carbon disulfide	ND		1.0	0.19	ug/L			06/23/22 13:09	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			06/23/22 13:09	1
Chlorobenzene	ND		1.0	0.75	ug/L			06/23/22 13:09	1
Dibromochloromethane	ND		1.0	0.32	ug/L			06/23/22 13:09	1
Chloroethane	ND		1.0	0.32	ug/L			06/23/22 13:09	1
Chloroform	ND		1.0	0.34	ug/L			06/23/22 13:09	1
Chloromethane	ND		1.0	0.35	ug/L			06/23/22 13:09	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			06/23/22 13:09	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			06/23/22 13:09	1
Cyclohexane	ND		1.0	0.18	ug/L			06/23/22 13:09	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			06/23/22 13:09	1
Ethylbenzene	ND		1.0	0.74	ug/L			06/23/22 13:09	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			06/23/22 13:09	1
Isopropylbenzene	ND		1.0	0.79	ug/L			06/23/22 13:09	1
Methyl acetate	ND		2.5	1.3	ug/L			06/23/22 13:09	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			06/23/22 13:09	1
Methylcyclohexane	ND		1.0	0.16	ug/L			06/23/22 13:09	1
Methylene Chloride	ND		1.0	0.44	ug/L			06/23/22 13:09	1
Styrene	ND		1.0	0.73	ug/L			06/23/22 13:09	1
Tetrachloroethene	ND		1.0	0.36	ug/L			06/23/22 13:09	1
Toluene	ND		1.0	0.51	ug/L			06/23/22 13:09	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			06/23/22 13:09	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			06/23/22 13:09	1
Trichloroethene	ND		1.0	0.46	ug/L			06/23/22 13:09	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			06/23/22 13:09	1
Vinyl chloride	ND		1.0	0.90	ug/L			06/23/22 13:09	1
Xylenes, Total	ND		2.0	0.66	ug/L			06/23/22 13:09	1

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

Lab Sample ID: MB 480-631257/7
Matrix: Water
Analysis Batch: 631257

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*		*06/23/22 13:09*	*1*
1,2-Dichloroethane-d4 (Surr)	*100*		*77 - 120*		*06/23/22 13:09*	*1*
4-Bromofluorobenzene (Surr)	*108*		*73 - 120*		*06/23/22 13:09*	*1*
Dibromofluoromethane (Surr)	*101*		*75 - 123*		*06/23/22 13:09*	*1*

Lab Sample ID: LCS 480-631257/5
Matrix: Water
Analysis Batch: 631257

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1-Trichloroethane	25.0	25.9		ug/L		104	73 - 126
1,1,2,2-Tetrachloroethane	25.0	24.2		ug/L		97	76 - 120
1,1,2-Trichloroethane	25.0	24.6		ug/L		98	76 - 122
1,1,2-Trichloro-1,2,2-trifluoroethane	25.0	22.8		ug/L		91	61 - 148
1,1-Dichloroethane	25.0	25.0		ug/L		100	77 - 120
1,1-Dichloroethene	25.0	25.1		ug/L		100	66 - 127
1,2,4-Trichlorobenzene	25.0	30.4		ug/L		121	79 - 122
1,2-Dibromo-3-Chloropropane	25.0	25.0		ug/L		100	56 - 134
1,2-Dichlorobenzene	25.0	25.8		ug/L		103	80 - 124
1,2-Dichloroethane	25.0	23.5		ug/L		94	75 - 120
1,2-Dichloropropane	25.0	24.2		ug/L		97	76 - 120
1,3-Dichlorobenzene	25.0	26.1		ug/L		104	77 - 120
1,4-Dichlorobenzene	25.0	25.3		ug/L		101	80 - 120
2-Butanone (MEK)	125	96.0		ug/L		77	57 - 140
2-Hexanone	125	102		ug/L		82	65 - 127
4-Methyl-2-pentanone (MIBK)	125	102		ug/L		82	71 - 125
Acetone	125	102		ug/L		82	56 - 142
Benzene	25.0	25.6		ug/L		102	71 - 124
Bromodichloromethane	25.0	25.8		ug/L		103	80 - 122
Bromoform	25.0	25.6		ug/L		102	61 - 132
Bromomethane	25.0	27.1		ug/L		108	55 - 144
Carbon disulfide	25.0	26.5		ug/L		106	59 - 134
Carbon tetrachloride	25.0	25.4		ug/L		102	72 - 134
Chlorobenzene	25.0	25.3		ug/L		101	80 - 120
Dibromochloromethane	25.0	25.9		ug/L		104	75 - 125
Chloroethane	25.0	27.3		ug/L		109	69 - 136
Chloroform	25.0	24.9		ug/L		100	73 - 127
Chloromethane	25.0	20.7		ug/L		83	68 - 124
cis-1,2-Dichloroethene	25.0	26.6		ug/L		106	74 - 124
cis-1,3-Dichloropropene	25.0	26.8		ug/L		107	74 - 124
Cyclohexane	25.0	22.7		ug/L		91	59 - 135
Dichlorodifluoromethane	25.0	24.7		ug/L		99	59 - 135
Ethylbenzene	25.0	24.6		ug/L		98	77 - 123
1,2-Dibromoethane	25.0	24.9		ug/L		100	77 - 120
Isopropylbenzene	25.0	24.7		ug/L		99	77 - 122
Methyl acetate	50.0	40.7		ug/L		81	74 - 133
Methyl tert-butyl ether	25.0	26.1		ug/L		104	77 - 120
Methylcyclohexane	25.0	24.2		ug/L		97	68 - 134

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

Lab Sample ID: LCS 480-631257/5
Matrix: Water
Analysis Batch: 631257

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Methylene Chloride	25.0	25.4		ug/L		102	75 - 124
Styrene	25.0	25.6		ug/L		102	80 - 120
Tetrachloroethene	25.0	26.1		ug/L		104	74 - 122
Toluene	25.0	26.4		ug/L		106	80 - 122
trans-1,2-Dichloroethene	25.0	27.5		ug/L		110	73 - 127
trans-1,3-Dichloropropene	25.0	26.3		ug/L		105	80 - 120
Trichloroethene	25.0	27.4		ug/L		110	74 - 123
Trichlorofluoromethane	25.0	27.6		ug/L		110	62 - 150
Vinyl chloride	25.0	24.4		ug/L		98	65 - 133

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Toluene-d8 (Surr)	*100*		*80 - 120*
1,2-Dichloroethane-d4 (Surr)	*98*		*77 - 120*
4-Bromofluorobenzene (Surr)	*102*		*73 - 120*
Dibromofluoromethane (Surr)	*100*		*75 - 123*

Lab Sample ID: 480-199246-8 MS
Matrix: Water
Analysis Batch: 631257

Client Sample ID: MW-10D MS 062222
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1-Trichloroethane	ND		25.0	30.1		ug/L		121	73 - 126
1,1,2,2-Tetrachloroethane	ND		25.0	23.2		ug/L		93	76 - 120
1,1,2-Trichloroethane	ND		25.0	25.1		ug/L		100	76 - 122
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		25.0	30.1		ug/L		120	61 - 148
1,1-Dichloroethane	ND		25.0	26.9		ug/L		107	77 - 120
1,1-Dichloroethene	ND		25.0	29.4		ug/L		118	66 - 127
1,2,4-Trichlorobenzene	ND		25.0	29.2		ug/L		117	79 - 122
1,2-Dibromo-3-Chloropropane	ND		25.0	24.5		ug/L		98	56 - 134
1,2-Dichlorobenzene	ND		25.0	26.0		ug/L		104	80 - 124
1,2-Dichloroethane	ND		25.0	26.1		ug/L		104	75 - 120
1,2-Dichloropropane	ND		25.0	26.2		ug/L		105	76 - 120
1,3-Dichlorobenzene	ND		25.0	26.8		ug/L		107	77 - 120
1,4-Dichlorobenzene	ND		25.0	26.0		ug/L		104	78 - 124
2-Butanone (MEK)	ND		125	102		ug/L		82	57 - 140
2-Hexanone	ND		125	109		ug/L		87	65 - 127
4-Methyl-2-pentanone (MIBK)	ND		125	109		ug/L		87	71 - 125
Acetone	ND		125	98.9		ug/L		79	56 - 142
Benzene	ND		25.0	27.3		ug/L		109	71 - 124
Bromodichloromethane	ND		25.0	28.2		ug/L		113	80 - 122
Bromoform	ND		25.0	26.8		ug/L		107	61 - 132
Bromomethane	ND		25.0	28.0		ug/L		112	55 - 144
Carbon disulfide	ND		25.0	27.6		ug/L		110	59 - 134
Carbon tetrachloride	ND		25.0	30.3		ug/L		121	72 - 134
Chlorobenzene	ND		25.0	26.7		ug/L		107	80 - 120
Dibromochloromethane	ND		25.0	27.2		ug/L		109	75 - 125
Chloroethane	ND		25.0	28.1		ug/L		113	69 - 136
Chloroform	ND		25.0	27.3		ug/L		109	73 - 127

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

Lab Sample ID: 480-199246-8 MS
Matrix: Water
Analysis Batch: 631257

Client Sample ID: MW-10D MS 062222
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloromethane	ND		25.0	22.0		ug/L		88	68 - 124
cis-1,2-Dichloroethene	ND		25.0	28.0		ug/L		112	74 - 124
cis-1,3-Dichloropropene	ND		25.0	27.0		ug/L		108	74 - 124
Cyclohexane	ND		25.0	26.2		ug/L		105	59 - 135
Dichlorodifluoromethane	ND		25.0	28.7		ug/L		115	59 - 135
Ethylbenzene	ND		25.0	25.9		ug/L		104	77 - 123
1,2-Dibromoethane	ND		25.0	26.1		ug/L		104	77 - 120
Isopropylbenzene	ND		25.0	24.4		ug/L		98	77 - 122
Methyl acetate	ND		50.0	41.3		ug/L		83	74 - 133
Methyl tert-butyl ether	ND		25.0	26.5		ug/L		106	77 - 120
Methylcyclohexane	ND		25.0	26.8		ug/L		107	68 - 134
Methylene Chloride	ND		25.0	26.3		ug/L		105	75 - 124
Styrene	ND		25.0	27.4		ug/L		110	80 - 120
Tetrachloroethene	ND		25.0	29.0		ug/L		116	74 - 122
Toluene	ND		25.0	27.2		ug/L		109	80 - 122
trans-1,2-Dichloroethene	ND		25.0	30.0		ug/L		120	73 - 127
trans-1,3-Dichloropropene	ND		25.0	26.2		ug/L		105	80 - 120
Trichloroethene	ND		25.0	30.1		ug/L		121	74 - 123
Trichlorofluoromethane	ND		25.0	33.2		ug/L		133	62 - 150
Vinyl chloride	ND		25.0	26.3		ug/L		105	65 - 133

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
Toluene-d8 (Surr)	*101*		*80 - 120*
1,2-Dichloroethane-d4 (Surr)	*103*		*77 - 120*
4-Bromofluorobenzene (Surr)	*109*		*73 - 120*
Dibromofluoromethane (Surr)	*104*		*75 - 123*

Lab Sample ID: 480-199246-8 MSD
Matrix: Water
Analysis Batch: 631257

Client Sample ID: MW-10D MSD 062222
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	ND		25.0	29.1		ug/L		116	73 - 126	4	15
1,1,2,2-Tetrachloroethane	ND		25.0	23.6		ug/L		94	76 - 120	2	15
1,1,2-Trichloroethane	ND		25.0	25.0		ug/L		100	76 - 122	0	15
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		25.0	24.6		ug/L		98	61 - 148	20	20
1,1-Dichloroethane	ND		25.0	26.3		ug/L		105	77 - 120	2	20
1,1-Dichloroethene	ND		25.0	27.6		ug/L		111	66 - 127	6	16
1,2,4-Trichlorobenzene	ND		25.0	30.4		ug/L		122	79 - 122	4	20
1,2-Dibromo-3-Chloropropane	ND		25.0	25.5		ug/L		102	56 - 134	4	15
1,2-Dichlorobenzene	ND		25.0	26.3		ug/L		105	80 - 124	1	20
1,2-Dichloroethane	ND		25.0	26.0		ug/L		104	75 - 120	0	20
1,2-Dichloropropane	ND		25.0	25.3		ug/L		101	76 - 120	3	20
1,3-Dichlorobenzene	ND		25.0	26.9		ug/L		107	77 - 120	0	20
1,4-Dichlorobenzene	ND		25.0	26.2		ug/L		105	78 - 124	1	20
2-Butanone (MEK)	ND		125	100		ug/L		80	57 - 140	2	20
2-Hexanone	ND		125	108		ug/L		86	65 - 127	0	15
4-Methyl-2-pentanone (MIBK)	ND		125	109		ug/L		87	71 - 125	0	35

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

Lab Sample ID: 480-199246-8 MSD
Matrix: Water
Analysis Batch: 631257

Client Sample ID: MW-10D MSD 062222
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Acetone	ND		125	94.6		ug/L		76	56 - 142	4	15
Benzene	ND		25.0	26.9		ug/L		108	71 - 124	2	13
Bromodichloromethane	ND		25.0	27.9		ug/L		112	80 - 122	1	15
Bromoform	ND		25.0	27.3		ug/L		109	61 - 132	2	15
Bromomethane	ND		25.0	28.8		ug/L		115	55 - 144	3	15
Carbon disulfide	ND		25.0	27.0		ug/L		108	59 - 134	2	15
Carbon tetrachloride	ND		25.0	29.4		ug/L		118	72 - 134	3	15
Chlorobenzene	ND		25.0	26.9		ug/L		108	80 - 120	1	25
Dibromochloromethane	ND		25.0	27.4		ug/L		110	75 - 125	1	15
Chloroethane	ND		25.0	29.3		ug/L		117	69 - 136	4	15
Chloroform	ND		25.0	26.8		ug/L		107	73 - 127	2	20
Chloromethane	ND		25.0	25.3		ug/L		101	68 - 124	14	15
cis-1,2-Dichloroethene	ND		25.0	27.6		ug/L		110	74 - 124	2	15
cis-1,3-Dichloropropene	ND		25.0	26.5		ug/L		106	74 - 124	2	15
Cyclohexane	ND		25.0	24.4		ug/L		97	59 - 135	7	20
Dichlorodifluoromethane	ND		25.0	28.6		ug/L		114	59 - 135	0	20
Ethylbenzene	ND		25.0	26.1		ug/L		104	77 - 123	1	15
1,2-Dibromoethane	ND		25.0	26.3		ug/L		105	77 - 120	1	15
Isopropylbenzene	ND		25.0	24.4		ug/L		97	77 - 122	0	20
Methyl acetate	ND		50.0	39.7		ug/L		79	74 - 133	4	20
Methyl tert-butyl ether	ND		25.0	26.5		ug/L		106	77 - 120	0	37
Methylcyclohexane	ND		25.0	25.3		ug/L		101	68 - 134	5	20
Methylene Chloride	ND		25.0	25.6		ug/L		102	75 - 124	3	15
Styrene	ND		25.0	26.9		ug/L		108	80 - 120	2	20
Tetrachloroethene	ND		25.0	29.4		ug/L		118	74 - 122	2	20
Toluene	ND		25.0	27.2		ug/L		109	80 - 122	0	15
trans-1,2-Dichloroethene	ND		25.0	28.8		ug/L		115	73 - 127	4	20
trans-1,3-Dichloropropene	ND		25.0	26.4		ug/L		105	80 - 120	1	15
Trichloroethene	ND		25.0	29.3		ug/L		117	74 - 123	3	16
Trichlorofluoromethane	ND		25.0	33.7		ug/L		135	62 - 150	1	20
Vinyl chloride	ND		25.0	30.2		ug/L		121	65 - 133	14	15

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
Toluene-d8 (Surr)	*100*		*80 - 120*
1,2-Dichloroethane-d4 (Surr)	*103*		*77 - 120*
4-Bromofluorobenzene (Surr)	*110*		*73 - 120*
Dibromofluoromethane (Surr)	*103*		*75 - 123*

Lab Sample ID: MB 480-631337/8
Matrix: Water
Analysis Batch: 631337

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	ND		1.0	0.82	ug/L			06/23/22 16:34	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			06/23/22 16:34	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			06/23/22 16:34	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			06/23/22 16:34	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			06/23/22 16:34	1

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

Lab Sample ID: MB 480-631337/8
Matrix: Water
Analysis Batch: 631337

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	ND		1.0	0.29	ug/L			06/23/22 16:34	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			06/23/22 16:34	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			06/23/22 16:34	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			06/23/22 16:34	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			06/23/22 16:34	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			06/23/22 16:34	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			06/23/22 16:34	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			06/23/22 16:34	1
2-Butanone (MEK)	ND		10	1.3	ug/L			06/23/22 16:34	1
2-Hexanone	ND		5.0	1.2	ug/L			06/23/22 16:34	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			06/23/22 16:34	1
Acetone	ND		10	3.0	ug/L			06/23/22 16:34	1
Benzene	ND		1.0	0.41	ug/L			06/23/22 16:34	1
Bromodichloromethane	ND		1.0	0.39	ug/L			06/23/22 16:34	1
Bromoform	ND		1.0	0.26	ug/L			06/23/22 16:34	1
Bromomethane	ND		1.0	0.69	ug/L			06/23/22 16:34	1
Carbon disulfide	ND		1.0	0.19	ug/L			06/23/22 16:34	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			06/23/22 16:34	1
Chlorobenzene	ND		1.0	0.75	ug/L			06/23/22 16:34	1
Dibromochloromethane	ND		1.0	0.32	ug/L			06/23/22 16:34	1
Chloroethane	ND		1.0	0.32	ug/L			06/23/22 16:34	1
Chloroform	ND		1.0	0.34	ug/L			06/23/22 16:34	1
Chloromethane	ND		1.0	0.35	ug/L			06/23/22 16:34	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			06/23/22 16:34	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			06/23/22 16:34	1
Cyclohexane	ND		1.0	0.18	ug/L			06/23/22 16:34	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			06/23/22 16:34	1
Ethylbenzene	ND		1.0	0.74	ug/L			06/23/22 16:34	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			06/23/22 16:34	1
Isopropylbenzene	ND		1.0	0.79	ug/L			06/23/22 16:34	1
Methyl acetate	ND		2.5	1.3	ug/L			06/23/22 16:34	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			06/23/22 16:34	1
Methylcyclohexane	ND		1.0	0.16	ug/L			06/23/22 16:34	1
Methylene Chloride	ND		1.0	0.44	ug/L			06/23/22 16:34	1
Styrene	ND		1.0	0.73	ug/L			06/23/22 16:34	1
Tetrachloroethene	ND		1.0	0.36	ug/L			06/23/22 16:34	1
Toluene	ND		1.0	0.51	ug/L			06/23/22 16:34	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			06/23/22 16:34	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			06/23/22 16:34	1
Trichloroethene	ND		1.0	0.46	ug/L			06/23/22 16:34	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			06/23/22 16:34	1
Vinyl chloride	ND		1.0	0.90	ug/L			06/23/22 16:34	1
Xylenes, Total	ND		2.0	0.66	ug/L			06/23/22 16:34	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*100*		*80 - 120*		*06/23/22 16:34*	*1*
1,2-Dichloroethane-d4 (Surr)	*98*		*77 - 120*		*06/23/22 16:34*	*1*
4-Bromofluorobenzene (Surr)	*103*		*73 - 120*		*06/23/22 16:34*	*1*

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

Lab Sample ID: MB 480-631337/8
Matrix: Water
Analysis Batch: 631337

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

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Dibromofluoromethane (Surr)	*100*		*75 - 123*		*06/23/22 16:34*	*1*

Lab Sample ID: LCS 480-631337/6
Matrix: Water
Analysis Batch: 631337

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	24.0		ug/L		96	73 - 126
1,1,2,2-Tetrachloroethane	25.0	23.2		ug/L		93	76 - 120
1,1,2-Trichloroethane	25.0	24.1		ug/L		96	76 - 122
1,1,2-Trichloro-1,2,2-trifluoroethane	25.0	22.2		ug/L		89	61 - 148
1,1-Dichloroethane	25.0	24.2		ug/L		97	77 - 120
1,1-Dichloroethene	25.0	23.3		ug/L		93	66 - 127
1,2,4-Trichlorobenzene	25.0	25.3		ug/L		101	79 - 122
1,2-Dibromo-3-Chloropropane	25.0	20.1		ug/L		80	56 - 134
1,2-Dichlorobenzene	25.0	25.0		ug/L		100	80 - 124
1,2-Dichloroethane	25.0	23.3		ug/L		93	75 - 120
1,2-Dichloropropane	25.0	23.4		ug/L		94	76 - 120
1,3-Dichlorobenzene	25.0	24.5		ug/L		98	77 - 120
1,4-Dichlorobenzene	25.0	24.4		ug/L		98	80 - 120
2-Butanone (MEK)	125	106		ug/L		85	57 - 140
2-Hexanone	125	105		ug/L		84	65 - 127
4-Methyl-2-pentanone (MIBK)	125	105		ug/L		84	71 - 125
Acetone	125	108		ug/L		86	56 - 142
Benzene	25.0	24.4		ug/L		98	71 - 124
Bromodichloromethane	25.0	23.6		ug/L		94	80 - 122
Bromoform	25.0	22.4		ug/L		90	61 - 132
Bromomethane	25.0	23.3		ug/L		93	55 - 144
Carbon disulfide	25.0	21.9		ug/L		87	59 - 134
Carbon tetrachloride	25.0	23.3		ug/L		93	72 - 134
Chlorobenzene	25.0	25.1		ug/L		100	80 - 120
Dibromochloromethane	25.0	24.1		ug/L		96	75 - 125
Chloroethane	25.0	22.4		ug/L		90	69 - 136
Chloroform	25.0	23.5		ug/L		94	73 - 127
Chloromethane	25.0	20.0		ug/L		80	68 - 124
cis-1,2-Dichloroethene	25.0	24.6		ug/L		99	74 - 124
cis-1,3-Dichloropropene	25.0	24.4		ug/L		98	74 - 124
Cyclohexane	25.0	24.1		ug/L		96	59 - 135
Dichlorodifluoromethane	25.0	18.3		ug/L		73	59 - 135
Ethylbenzene	25.0	24.3		ug/L		97	77 - 123
1,2-Dibromoethane	25.0	24.5		ug/L		98	77 - 120
Isopropylbenzene	25.0	24.4		ug/L		98	77 - 122
Methyl acetate	50.0	40.7		ug/L		81	74 - 133
Methyl tert-butyl ether	25.0	23.4		ug/L		93	77 - 120
Methylcyclohexane	25.0	23.5		ug/L		94	68 - 134
Methylene Chloride	25.0	25.0		ug/L		100	75 - 124
Styrene	25.0	25.7		ug/L		103	80 - 120
Tetrachloroethene	25.0	25.1		ug/L		100	74 - 122

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

Lab Sample ID: LCS 480-631337/6
Matrix: Water
Analysis Batch: 631337

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

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Toluene			25.0	24.5		ug/L		98	80 - 122		
trans-1,2-Dichloroethene			25.0	24.0		ug/L		96	73 - 127		
trans-1,3-Dichloropropene			25.0	23.8		ug/L		95	80 - 120		
Trichloroethene			25.0	24.5		ug/L		98	74 - 123		
Trichlorofluoromethane			25.0	23.4		ug/L		94	62 - 150		
Vinyl chloride			25.0	21.5		ug/L		86	65 - 133		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Toluene-d8 (Surr)	*105*		*80 - 120*
1,2-Dichloroethane-d4 (Surr)	*100*		*77 - 120*
4-Bromofluorobenzene (Surr)	*105*		*73 - 120*
Dibromofluoromethane (Surr)	*103*		*75 - 123*

Lab Sample ID: LCSD 480-631337/57
Matrix: Water
Analysis Batch: 631337

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

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1,1-Trichloroethane			25.0	24.6		ug/L		98	73 - 126	3	15
1,1,2,2-Tetrachloroethane			25.0	23.0		ug/L		92	76 - 120	1	15
1,1,2-Trichloroethane			25.0	24.7		ug/L		99	76 - 122	3	15
1,1,2-Trichloro-1,2,2-trifluoroethane			25.0	23.7		ug/L		95	61 - 148	7	20
1,1-Dichloroethane			25.0	24.9		ug/L		99	77 - 120	3	20
1,1-Dichloroethene			25.0	23.8		ug/L		95	66 - 127	2	16
1,2,4-Trichlorobenzene			25.0	24.0		ug/L		96	79 - 122	5	20
1,2-Dibromo-3-Chloropropane			25.0	20.6		ug/L		83	56 - 134	3	15
1,2-Dichlorobenzene			25.0	24.5		ug/L		98	80 - 124	2	20
1,2-Dichloroethane			25.0	24.1		ug/L		96	75 - 120	3	20
1,2-Dichloropropane			25.0	24.7		ug/L		99	76 - 120	5	20
1,3-Dichlorobenzene			25.0	24.9		ug/L		100	77 - 120	2	20
1,4-Dichlorobenzene			25.0	24.6		ug/L		99	80 - 120	1	20
2-Butanone (MEK)			125	110		ug/L		88	57 - 140	4	20
2-Hexanone			125	119		ug/L		95	65 - 127	12	15
4-Methyl-2-pentanone (MIBK)			125	114		ug/L		91	71 - 125	7	35
Acetone			125	108		ug/L		87	56 - 142	1	15
Benzene			25.0	25.1		ug/L		100	71 - 124	3	13
Bromodichloromethane			25.0	23.8		ug/L		95	80 - 122	1	15
Bromoform			25.0	22.4		ug/L		89	61 - 132	0	15
Bromomethane			25.0	23.2		ug/L		93	55 - 144	0	15
Carbon disulfide			25.0	22.1		ug/L		88	59 - 134	1	15
Carbon tetrachloride			25.0	24.4		ug/L		98	72 - 134	5	15
Chlorobenzene			25.0	26.0		ug/L		104	80 - 120	4	25
Dibromochloromethane			25.0	23.8		ug/L		95	75 - 125	1	15
Chloroethane			25.0	23.2		ug/L		93	69 - 136	3	15
Chloroform			25.0	24.3		ug/L		97	73 - 127	3	20
Chloromethane			25.0	20.1		ug/L		81	68 - 124	1	15
cis-1,2-Dichloroethene			25.0	25.5		ug/L		102	74 - 124	3	15
cis-1,3-Dichloropropene			25.0	23.8		ug/L		95	74 - 124	3	15

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

Lab Sample ID: LCSD 480-631337/57
Matrix: Water
Analysis Batch: 631337

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
Cyclohexane			25.0	23.7		ug/L		95	59 - 135	2	20
Dichlorodifluoromethane			25.0	19.2		ug/L		77	59 - 135	5	20
Ethylbenzene			25.0	25.6		ug/L		103	77 - 123	5	15
1,2-Dibromoethane			25.0	25.3		ug/L		101	77 - 120	3	15
Isopropylbenzene			25.0	24.1		ug/L		97	77 - 122	1	20
Methyl acetate			50.0	42.3		ug/L		85	74 - 133	4	20
Methyl tert-butyl ether			25.0	23.4		ug/L		93	77 - 120	0	37
Methylcyclohexane			25.0	24.3		ug/L		97	68 - 134	3	20
Methylene Chloride			25.0	25.2		ug/L		101	75 - 124	1	15
Styrene			25.0	26.9		ug/L		108	80 - 120	4	20
Tetrachloroethene			25.0	25.5		ug/L		102	74 - 122	2	20
Toluene			25.0	24.8		ug/L		99	80 - 122	2	15
trans-1,2-Dichloroethene			25.0	24.9		ug/L		100	73 - 127	4	20
trans-1,3-Dichloropropene			25.0	22.8		ug/L		91	80 - 120	4	15
Trichloroethene			25.0	25.5		ug/L		102	74 - 123	4	16
Trichlorofluoromethane			25.0	23.6		ug/L		94	62 - 150	1	20
Vinyl chloride			25.0	21.3		ug/L		85	65 - 133	1	15

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
Toluene-d8 (Surr)	*105*		*80 - 120*
1,2-Dichloroethane-d4 (Surr)	*98*		*77 - 120*
4-Bromofluorobenzene (Surr)	*105*		*73 - 120*
Dibromofluoromethane (Surr)	*103*		*75 - 123*

Lab Sample ID: MB 480-631448/7
Matrix: Water
Analysis Batch: 631448

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	ND		1.0	0.82	ug/L			06/24/22 12:36	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			06/24/22 12:36	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			06/24/22 12:36	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			06/24/22 12:36	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			06/24/22 12:36	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			06/24/22 12:36	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			06/24/22 12:36	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			06/24/22 12:36	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			06/24/22 12:36	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			06/24/22 12:36	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			06/24/22 12:36	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			06/24/22 12:36	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			06/24/22 12:36	1
2-Butanone (MEK)	ND		10	1.3	ug/L			06/24/22 12:36	1
2-Hexanone	ND		5.0	1.2	ug/L			06/24/22 12:36	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			06/24/22 12:36	1
Acetone	ND		10	3.0	ug/L			06/24/22 12:36	1
Benzene	ND		1.0	0.41	ug/L			06/24/22 12:36	1
Bromodichloromethane	ND		1.0	0.39	ug/L			06/24/22 12:36	1

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

Lab Sample ID: MB 480-631448/7
Matrix: Water
Analysis Batch: 631448

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bromoform	ND		1.0	0.26	ug/L			06/24/22 12:36	1
Bromomethane	ND		1.0	0.69	ug/L			06/24/22 12:36	1
Carbon disulfide	ND		1.0	0.19	ug/L			06/24/22 12:36	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			06/24/22 12:36	1
Chlorobenzene	ND		1.0	0.75	ug/L			06/24/22 12:36	1
Dibromochloromethane	ND		1.0	0.32	ug/L			06/24/22 12:36	1
Chloroethane	ND		1.0	0.32	ug/L			06/24/22 12:36	1
Chloroform	ND		1.0	0.34	ug/L			06/24/22 12:36	1
Chloromethane	ND		1.0	0.35	ug/L			06/24/22 12:36	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			06/24/22 12:36	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			06/24/22 12:36	1
Cyclohexane	ND		1.0	0.18	ug/L			06/24/22 12:36	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			06/24/22 12:36	1
Ethylbenzene	ND		1.0	0.74	ug/L			06/24/22 12:36	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			06/24/22 12:36	1
Isopropylbenzene	ND		1.0	0.79	ug/L			06/24/22 12:36	1
Methyl acetate	ND		2.5	1.3	ug/L			06/24/22 12:36	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			06/24/22 12:36	1
Methylcyclohexane	ND		1.0	0.16	ug/L			06/24/22 12:36	1
Methylene Chloride	ND		1.0	0.44	ug/L			06/24/22 12:36	1
Styrene	ND		1.0	0.73	ug/L			06/24/22 12:36	1
Tetrachloroethene	ND		1.0	0.36	ug/L			06/24/22 12:36	1
Toluene	ND		1.0	0.51	ug/L			06/24/22 12:36	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			06/24/22 12:36	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			06/24/22 12:36	1
Trichloroethene	ND		1.0	0.46	ug/L			06/24/22 12:36	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			06/24/22 12:36	1
Vinyl chloride	ND		1.0	0.90	ug/L			06/24/22 12:36	1
Xylenes, Total	ND		2.0	0.66	ug/L			06/24/22 12:36	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*91*		*80 - 120*		*06/24/22 12:36*	*1*
1,2-Dichloroethane-d4 (Surr)	*86*		*77 - 120*		*06/24/22 12:36*	*1*
4-Bromofluorobenzene (Surr)	*104*		*73 - 120*		*06/24/22 12:36*	*1*
Dibromofluoromethane (Surr)	*96*		*75 - 123*		*06/24/22 12:36*	*1*

Lab Sample ID: LCS 480-631448/5
Matrix: Water
Analysis Batch: 631448

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	22.0		ug/L		88	73 - 126
1,1,2,2-Tetrachloroethane	25.0	22.2		ug/L		89	76 - 120
1,1,2-Trichloroethane	25.0	22.4		ug/L		90	76 - 122
1,1,2-Trichloro-1,2,2-trifluoroethane	25.0	23.7		ug/L		95	61 - 148
1,1-Dichloroethane	25.0	23.7		ug/L		95	77 - 120
1,1-Dichloroethene	25.0	23.1		ug/L		93	66 - 127
1,2,4-Trichlorobenzene	25.0	26.4		ug/L		106	79 - 122

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

Lab Sample ID: LCS 480-631448/5
Matrix: Water
Analysis Batch: 631448

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,2-Dibromo-3-Chloropropane	25.0	19.4		ug/L		78	56 - 134
1,2-Dichlorobenzene	25.0	24.6		ug/L		98	80 - 124
1,2-Dichloroethane	25.0	20.3		ug/L		81	75 - 120
1,2-Dichloropropane	25.0	26.1		ug/L		104	76 - 120
1,3-Dichlorobenzene	25.0	23.8		ug/L		95	77 - 120
1,4-Dichlorobenzene	25.0	24.3		ug/L		97	80 - 120
2-Butanone (MEK)	125	107		ug/L		85	57 - 140
2-Hexanone	125	105		ug/L		84	65 - 127
4-Methyl-2-pentanone (MIBK)	125	108		ug/L		86	71 - 125
Acetone	125	102		ug/L		82	56 - 142
Benzene	25.0	24.2		ug/L		97	71 - 124
Bromodichloromethane	25.0	22.8		ug/L		91	80 - 122
Bromoform	25.0	22.6		ug/L		90	61 - 132
Bromomethane	25.0	22.8		ug/L		91	55 - 144
Carbon disulfide	25.0	23.4		ug/L		94	59 - 134
Carbon tetrachloride	25.0	22.5		ug/L		90	72 - 134
Chlorobenzene	25.0	24.6		ug/L		99	80 - 120
Dibromochloromethane	25.0	23.5		ug/L		94	75 - 125
Chloroethane	25.0	22.8		ug/L		91	69 - 136
Chloroform	25.0	22.5		ug/L		90	73 - 127
Chloromethane	25.0	21.7		ug/L		87	68 - 124
cis-1,2-Dichloroethene	25.0	24.3		ug/L		97	74 - 124
cis-1,3-Dichloropropene	25.0	25.0		ug/L		100	74 - 124
Cyclohexane	25.0	24.8		ug/L		99	59 - 135
Dichlorodifluoromethane	25.0	16.3		ug/L		65	59 - 135
Ethylbenzene	25.0	23.5		ug/L		94	77 - 123
1,2-Dibromoethane	25.0	22.8		ug/L		91	77 - 120
Isopropylbenzene	25.0	23.1		ug/L		92	77 - 122
Methyl acetate	50.0	42.4		ug/L		85	74 - 133
Methyl tert-butyl ether	25.0	21.4		ug/L		86	77 - 120
Methylcyclohexane	25.0	24.3		ug/L		97	68 - 134
Methylene Chloride	25.0	25.6		ug/L		102	75 - 124
Styrene	25.0	25.9		ug/L		104	80 - 120
Tetrachloroethene	25.0	25.7		ug/L		103	74 - 122
Toluene	25.0	22.7		ug/L		91	80 - 122
trans-1,2-Dichloroethene	25.0	24.5		ug/L		98	73 - 127
trans-1,3-Dichloropropene	25.0	22.9		ug/L		92	80 - 120
Trichloroethene	25.0	23.5		ug/L		94	74 - 123
Trichlorofluoromethane	25.0	22.3		ug/L		89	62 - 150
Vinyl chloride	25.0	24.3		ug/L		97	65 - 133

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Toluene-d8 (Surr)	*93*		*80 - 120*
1,2-Dichloroethane-d4 (Surr)	*85*		*77 - 120*
4-Bromofluorobenzene (Surr)	*104*		*73 - 120*
Dibromofluoromethane (Surr)	*94*		*75 - 123*

GC/MS VOA

Analysis Batch: 631257

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-199246-1	MW-1D 062122	Total/NA	Water	8260C	
480-199246-2	MW-1S 062122	Total/NA	Water	8260C	
480-199246-3	MW-6D 062222	Total/NA	Water	8260C	
480-199246-4	MW-6DD 062222	Total/NA	Water	8260C	
480-199246-5	MW-6S 062222	Total/NA	Water	8260C	
480-199246-6	MW-5D 062222	Total/NA	Water	8260C	
480-199246-7	MW-5S 062222	Total/NA	Water	8260C	
480-199246-8	MW-10D 062222	Total/NA	Water	8260C	
480-199246-9	MW-4D 062222	Total/NA	Water	8260C	
480-199246-10	MW-10S 062222	Total/NA	Water	8260C	
480-199246-11	X-1 062222	Total/NA	Water	8260C	
480-199246-12	TRIP BLANK	Total/NA	Water	8260C	
MB 480-631257/7	Method Blank	Total/NA	Water	8260C	
LCS 480-631257/5	Lab Control Sample	Total/NA	Water	8260C	
480-199246-8 MS	MW-10D MS 062222	Total/NA	Water	8260C	
480-199246-8 MSD	MW-10D MSD 062222	Total/NA	Water	8260C	

Analysis Batch: 631337

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-199280-1	MW-8DD 062322	Total/NA	Water	8260C	
480-199280-2	MW-7D 062322	Total/NA	Water	8260C	
480-199280-3	MW-8S 062322	Total/NA	Water	8260C	
480-199280-4	MW-7S 062322	Total/NA	Water	8260C	
480-199280-5	MW-8D 062322	Total/NA	Water	8260C	
480-199280-6	MW-7DD-2 062322	Total/NA	Water	8260C	
480-199280-7	MW-4S 062322	Total/NA	Water	8260C	
480-199280-8	TRIP BLANK	Total/NA	Water	8260C	
MB 480-631337/8	Method Blank	Total/NA	Water	8260C	
LCS 480-631337/6	Lab Control Sample	Total/NA	Water	8260C	
LCSD 480-631337/57	Lab Control Sample Dup	Total/NA	Water	8260C	

Analysis Batch: 631448

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-199246-7 - DL	MW-5S 062222	Total/NA	Water	8260C	
MB 480-631448/7	Method Blank	Total/NA	Water	8260C	
LCS 480-631448/5	Lab Control Sample	Total/NA	Water	8260C	

Lab Chronicle

Client: O'Brien & Gere Inc of North America
Project/Site: Forest Glen Monitoring

Job ID: 480-199246-1
SDG: 480-199246-1

Client Sample ID: MW-1D 062122
Date Collected: 06/21/22 14:50
Date Received: 06/22/22 16:20

Lab Sample ID: 480-199246-1
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	631257	06/23/22 14:21	CRL	TAL BUF

Client Sample ID: MW-1S 062122
Date Collected: 06/21/22 16:05
Date Received: 06/22/22 16:20

Lab Sample ID: 480-199246-2
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	631257	06/23/22 14:43	CRL	TAL BUF

Client Sample ID: MW-6D 062222
Date Collected: 06/22/22 08:25
Date Received: 06/22/22 16:20

Lab Sample ID: 480-199246-3
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	631257	06/23/22 15:05	CRL	TAL BUF

Client Sample ID: MW-6DD 062222
Date Collected: 06/22/22 09:45
Date Received: 06/22/22 16:20

Lab Sample ID: 480-199246-4
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	631257	06/23/22 15:27	CRL	TAL BUF

Client Sample ID: MW-6S 062222
Date Collected: 06/22/22 10:40
Date Received: 06/22/22 16:20

Lab Sample ID: 480-199246-5
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	631257	06/23/22 15:49	CRL	TAL BUF

Client Sample ID: MW-5D 062222
Date Collected: 06/22/22 11:45
Date Received: 06/22/22 16:20

Lab Sample ID: 480-199246-6
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	631257	06/23/22 16:11	CRL	TAL BUF

Client Sample ID: MW-5S 062222
Date Collected: 06/22/22 13:20
Date Received: 06/22/22 16:20

Lab Sample ID: 480-199246-7
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C	DL	2	631448	06/24/22 13:58	CR	TAL BUF
Total/NA	Analysis	8260C		1	631257	06/23/22 16:34	CRL	TAL BUF

Lab Chronicle

Client: O'Brien & Gere Inc of North America
Project/Site: Forest Glen Monitoring

Job ID: 480-199246-1
SDG: 480-199246-1

Client Sample ID: MW-10D 062222
Lab Sample ID: 480-199246-8
Date Collected: 06/22/22 14:00
Matrix: Water
Date Received: 06/22/22 16:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	631257	06/23/22 18:23	CRL	TAL BUF

Client Sample ID: MW-4D 062222
Lab Sample ID: 480-199246-9
Date Collected: 06/22/22 14:45
Matrix: Water
Date Received: 06/22/22 16:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	631257	06/23/22 16:56	CRL	TAL BUF

Client Sample ID: MW-10S 062222
Lab Sample ID: 480-199246-10
Date Collected: 06/22/22 15:10
Matrix: Water
Date Received: 06/22/22 16:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	631257	06/23/22 17:17	CRL	TAL BUF

Client Sample ID: X-1 062222
Lab Sample ID: 480-199246-11
Date Collected: 06/22/22 00:00
Matrix: Water
Date Received: 06/22/22 16:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	631257	06/23/22 17:39	CRL	TAL BUF

Client Sample ID: TRIP BLANK
Lab Sample ID: 480-199246-12
Date Collected: 06/22/22 00:00
Matrix: Water
Date Received: 06/22/22 16:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	631257	06/23/22 18:01	CRL	TAL BUF

Client Sample ID: MW-8DD 062322
Lab Sample ID: 480-199280-1
Date Collected: 06/23/22 08:32
Matrix: Water
Date Received: 06/23/22 13:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	631337	06/23/22 23:25	CRL	TAL BUF

Client Sample ID: MW-7D 062322
Lab Sample ID: 480-199280-2
Date Collected: 06/23/22 08:35
Matrix: Water
Date Received: 06/23/22 13:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	631337	06/23/22 23:49	CRL	TAL BUF

Lab Chronicle

Client: O'Brien & Gere Inc of North America
Project/Site: Forest Glen Monitoring

Job ID: 480-199246-1
SDG: 480-199246-1

Client Sample ID: MW-8S 062322
Date Collected: 06/23/22 09:35
Date Received: 06/23/22 13:20

Lab Sample ID: 480-199280-3
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	631337	06/24/22 00:12	CRL	TAL BUF

Client Sample ID: MW-7S 062322
Date Collected: 06/23/22 09:40
Date Received: 06/23/22 13:20

Lab Sample ID: 480-199280-4
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	631337	06/24/22 00:36	CRL	TAL BUF

Client Sample ID: MW-8D 062322
Date Collected: 06/23/22 10:42
Date Received: 06/23/22 13:20

Lab Sample ID: 480-199280-5
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	631337	06/24/22 00:59	CRL	TAL BUF

Client Sample ID: MW-7DD-2 062322
Date Collected: 06/23/22 10:50
Date Received: 06/23/22 13:20

Lab Sample ID: 480-199280-6
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	631337	06/24/22 01:22	CRL	TAL BUF

Client Sample ID: MW-4S 062322
Date Collected: 06/23/22 11:50
Date Received: 06/23/22 13:20

Lab Sample ID: 480-199280-7
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	631337	06/24/22 01:46	CRL	TAL BUF

Client Sample ID: TRIP BLANK
Date Collected: 06/23/22 00:00
Date Received: 06/23/22 13:20

Lab Sample ID: 480-199280-8
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	631337	06/24/22 02:09	CRL	TAL BUF

Laboratory References:

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

Accreditation/Certification Summary

Client: O'Brien & Gere Inc of North America
Project/Site: Forest Glen Monitoring

Job ID: 480-199246-1
SDG: 480-199246-1

Laboratory: Eurofins Buffalo

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

Authority	Program	Identification Number	Expiration Date
New York	NELAP	10026	03-31-23

Method Summary

Client: O'Brien & Gere Inc of North America
Project/Site: Forest Glen Monitoring

Job ID: 480-199246-1
SDG: 480-199246-1

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

Protocol References:

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

Laboratory References:

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

Sample Summary

Client: O'Brien & Gere Inc of North America
Project/Site: Forest Glen Monitoring

Job ID: 480-199246-1
SDG: 480-199246-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
480-199246-1	MW-1D 062122	Water	06/21/22 14:50	06/22/22 16:20
480-199246-2	MW-1S 062122	Water	06/21/22 16:05	06/22/22 16:20
480-199246-3	MW-6D 062222	Water	06/22/22 08:25	06/22/22 16:20
480-199246-4	MW-6DD 062222	Water	06/22/22 09:45	06/22/22 16:20
480-199246-5	MW-6S 062222	Water	06/22/22 10:40	06/22/22 16:20
480-199246-6	MW-5D 062222	Water	06/22/22 11:45	06/22/22 16:20
480-199246-7	MW-5S 062222	Water	06/22/22 13:20	06/22/22 16:20
480-199246-8	MW-10D 062222	Water	06/22/22 14:00	06/22/22 16:20
480-199246-9	MW-4D 062222	Water	06/22/22 14:45	06/22/22 16:20
480-199246-10	MW-10S 062222	Water	06/22/22 15:10	06/22/22 16:20
480-199246-11	X-1 062222	Water	06/22/22 00:00	06/22/22 16:20
480-199246-12	TRIP BLANK	Water	06/22/22 00:00	06/22/22 16:20
480-199280-1	MW-8DD 062322	Water	06/23/22 08:32	06/23/22 13:20
480-199280-2	MW-7D 062322	Water	06/23/22 08:35	06/23/22 13:20
480-199280-3	MW-8S 062322	Water	06/23/22 09:35	06/23/22 13:20
480-199280-4	MW-7S 062322	Water	06/23/22 09:40	06/23/22 13:20
480-199280-5	MW-8D 062322	Water	06/23/22 10:42	06/23/22 13:20
480-199280-6	MW-7DD-2 062322	Water	06/23/22 10:50	06/23/22 13:20
480-199280-7	MW-4S 062322	Water	06/23/22 11:50	06/23/22 13:20
480-199280-8	TRIP BLANK	Water	06/23/22 00:00	06/23/22 13:20

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

Chain of Custody Record

eurofins | Environment Testing America

Client Information	Sampler: Martin Koerwer	Lab PM: Schove, John R	Carrier Tracking No(s):	COC No: 480-174855-26531.1
Client Contact: Mr. Yuri Veliz	Phone: 315-729-1300	E-Mail: John.Schove@et.eurofinsus.com	State of Origin:	Page: Page 1 of 3
Company: Ramboll US Corporation	PWSID:	Analysis Requested		Job #:
Address: 94 New Karner Rd Suite 106	Due Date Requested:			Preservation Codes: A - HCL, B - NaOH, C - Zn Acetate, D - Nitric Acid, E - NaHSO4, F - MeOH, M - Hexane, N - None, O - AsNaO2, P - Na2O4S, Q - Na2SO3, R - Na2S2O3, S - H2SO4, T - TSP Dodecahydrate, U - Acetone, V - MCAA, W - pH 4-5, Y - Trizma, Z - other (specify)
City: Albany	TAT Requested (days): STANDARD			
State, Zip: NY, 12203	Compliance Project: Δ Yes Δ No			
Phone: 315-956-6100(Tel) 315-463-7554(Fax)	PO #: 1950003279			
Email: Yuri.Veliz@ramboll.com	WO #:			
Project Name: Forest Glen Monitoring	Project #: 48002808			
Site:	SSOW#:			

480-199246 Chain of Custody

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8260C - TCL Volatiles	Total Numb	Special Instructions/Note:
			Preservation Code:				A		
MW 1D 062122	6-21-22	14:50	G	Water			3		
MW 1S 062122	6-21-22	16:05	G	Water			3		
MW 6D 062222	6-22-22	8:25	G	Water			3		
MW 6DD 062222	6-22-22	9:45	G	Water			3		
MW 6S 062222	6-22-22	10:40	G	Water			3		
MW 5D 062222	6-22-22	11:45	G	Water			3		
MW 5S 062222	6-22-22	13:20	G	Water			3		
MW 10D 062222	6-22-22	14:00	G	Water			3		
MW 10D MS 062222	6-22-22	14:00	G	Water			3		
MW 10D MSD 062222	6-22-22	14:00	G	Water			3		
MW 4D 062222	6-22-22	14:45	G	Water			3		

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

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

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

Special Instructions/QC Requirements:

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

Relinquished by	Date/Time	Company	Received by	Date/Time	Company
Martin Koerwer	6-22-22 / 16:20	VSW1G		6/22/22 1620	TA
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks: 5.2 #1 ICE

Ver: 06/08/2021

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

Chain of Custody Record

eurofins | Environment Testing America

Client Information	Sampler: MARTIN Koennecke	Lab PM: Schove, John R	Carrier Tracking No(s):	COC No: 480-174855-26531.2
Client Contact: Mr. Yuri Veliz	Phone: 315-729-1300	E-Mail: John.Schove@et.eurofinsus.com	State of Origin:	Page: Page 2 of 3
Company: Ramboll US Corporation	PWSID:	Analysis Requested		Job #:
Address: 94 New Karner Rd Suite 106	Due Date Requested:			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, M - Hexane, N - None, O - AsNaO2, P - Na2O4S, Q - Na2SO3, R - Na2S2O3, S - H2SO4, T - TSP Dodecahydrate, U - Acetone, V - MCAA, W - pH 4-5, Y - Trizma, Z - other (specify), Other:
City: Albany	TAT Requested (days): STANDARD			
State, Zip: NY, 12203	Compliance Project: Δ Yes Δ No			
Phone: 315-956-6100(Tel) 315-463-7554(Fax)	PO #: 1950003279			
Email: Yuri.Veliz@ramboll.com	WO #:			
Project Name: Forest Glen Monitoring	Project #: 48002808			
Site:	SSOW#:			

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8260C - TCL Volatiles	Total Number of containers	Special Instructions/Note:
			Preservation Code:				A		
MW 105 062222	6-22-22	15:10	G	Water			3		
X-1 062222	6-22-22	—	G	Water			3		
QC TRIP BLANKS				Water			2		
				Water					
				Water					
				Water					
				Water					
				Water					
				Water					
				Water					
				Water					

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

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

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

Special Instructions/QC Requirements:

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

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Martin Koennecke	6/22/22 / 16:20	VSW16	PSL		
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

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

Ver: 06/08/2021

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

Chain of Custody Record

eurofins | Environment Testing America

Client Information	Sampler: MARTIN Koennecke	Lab PM: Schove, John R	Carrier Tracking No(s):	COC No: 480-174855-26531.1
Client Contact: Mr. Yuri Veliz	Phone: 315-729-1300	E-Mail: John.Schove@et.eurofinsus.com	State of Origin:	Page: Page 1 of 6
Company: Ramboll US Corporation	PWSID:			Job #:
Address: 94 New Karner Rd Suite 106	Due Date Requested:			
City: Albany	TAT Requested (days): STANDARD			
State, Zip: NY, 12203	Compliance Project: Δ Yes Δ No			
Phone: 315-956-6100(Tel) 315-463-7554(Fax)	PO #: 1950003279			
Email: Yuri.Veliz@ramboll.com	WO #:			
Project Name: Forest Glen Monitoring	Project #: 48002808			
Site:	SSOW#:			

Analysis Requested

Preservation Codes:
A - HCL
B - NaOH
C - Zn Acetate
D - Nitric Acid
E - NaHSO4
M - Hexane
N - None
O - AsNaO2
P - Na2O4S
Q - Na2SO3
R - Na2S2O3
S - H2SO4
T - TSP Dodecahydrate
U - Acetone
V - MCAA
W - pH 4-5
Y - Trizma
Z - other (specify)

480-199280 Chain of Custody

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8260C - TCL Volatiles	Total Number of
			Preservation Code:				A	
MW 8DD 062322	6-23-22	8:32	G	Water			3	
MW 7D 062322	6-23-22	8:35	G	Water			3	
MW 8S 062322	6-23-22	9:35	G	Water			3	
MW 7S 062322	6-23-22	9:40	G	Water			3	
MW 8D 062322	6-23-22	10:42	G	Water			3	
MW 7DD-2 062322	6-23-22	10:50	G	Water			3	
MW 4S 062322	6-23-22	11:50	G	Water			3	
QC Trip Blanks				Water			2	
				Water				
				Water				
				Water				

Special Instructions/Note:

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

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

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

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:
Relinquished by: Martin Koennecke	Date/Time: 6-23-22 / 13:20	Company: USK16	Received by: [illegible] USK16
Relinquished by:	Date/Time:	Company:	Received by: Date/Time: 6/23/22 1320 Company: TA
Relinquished by:	Date/Time:	Company:	Received by: Date/Time: Company:

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

Cooler Temperature(s) °C and Other Remarks: 14.3 # ICE

Ver: 06/08/2021

Login Sample Receipt Checklist

Client: O'Brien & Gere Inc of North America

Job Number: 480-199246-1
SDG Number: 480-199246-1

Login Number: 199246
List Number: 1
Creator: Stopa, Erik S

List Source: Eurofins Buffalo

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

Job Number: 480-199246-1
SDG Number: 480-199246-1

Login Number: 199280
List Number: 1
Creator: Stopa, Erik S

List Source: Eurofins Buffalo

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

eurofins | Environment Testing America

ANALYTICAL REPORT

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

Laboratory Job ID: 480-202113-1
Laboratory Sample Delivery Group: 480-202113-1
Client Project/Site: Forest Glen Monitoring

For:
O'Brien & Gere Inc of North America
333 West Washington St.
PO BOX 4873
East Syracuse, New York 13221

Attn: Mr. David J Carnevale

Authorized for release by:
10/13/2022 11:08:11 AM
Rebecca Jones, Project Management Assistant I
(716)504-9884
Rebecca.Jones@et.eurofinsus.com

Designee for

John Schove, Project Manager II
(716)504-9838
John.Schove@et.eurofinsus.com

Table of Contents

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
*+	LCS and/or LCSD is outside acceptance limits, high biased.
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.
S1-	Surrogate recovery exceeds control limits, low biased.

General Chemistry

Qualifier	Qualifier Description
^2	Calibration Blank (ICB and/or CCB) is outside acceptance limits.
4	MS, MSD: The analyte present in the original sample is greater than 4 times the matrix spike concentration; therefore, control limits are not applicable.
B	Compound was found in the blank and sample.
F1	MS and/or MSD recovery 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.

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

Job ID: 480-202113-1

Laboratory: Eurofins Buffalo

Narrative

Job Narrative
480-202113-1

Comments
No additional comments.

Receipt
The samples were received on 9/28/2022 4:00 PM and 9/29/2022 1:35 PM. Unless otherwise noted below, the samples arrived in good condition, and where required, properly preserved and on ice. The temperatures of the 3 coolers at receipt time were 2.1º C, 2.5º C and 3.8º C.

GC/MS VOA
Method 8260C: The continuing calibration verification (CCV) associated with batch 480-643447 recovered above the upper control limit for 1,2,4-Trichlorobenzene. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated samples are impacted: MW6DD 092722 (480-202113-1), MW6D 092722 (480-202113-2), MW6S 092722 (480-202113-3), MW1S 092722 (480-202113-4), MW5D 092722 (480-202113-5), MW1D 092722 (480-202113-6), MW8D 092822 (480-202113-8), MW7D 092822 (480-202113-9), X-1 092822 (480-202113-10), MW8S 092822 (480-202113-11), MW7S 092822 (480-202113-12), MW8DD 092822 (480-202113-13), MW7DD 092822 (480-202113-14) and TRIP BLANK (480-202113-15).

Method 8260C: The laboratory control sample (LCS) and / or laboratory control sample duplicate (LCSD) for analytical batch 480-643447 recovered outside control limits for the following analytes: Methyl tert-butyl ether, 1,2-Dichlorobenzene, cis-1,3-Dichloropropene, 1,2,4-Trichlorobenzene, Styrene, Bromodichloromethane, 1,3-Dichlorobenzene, 1,1,2,2-Tetrachloroethane, Chlorodibromomethane, Methylene Chloride, Isopropylbenzene, 1,2-Dichloroethane, Tetrachloroethene, Ethylene Dibromide, Methyl acetate, 1,2-Dichloropropane, 1,4-Dichlorobenzene and 1,1-Dichloroethane. These analytes were biased high in the LCS and were not detected in the associated samples; therefore, the data have been reported. The associated samples are impacted: MW6DD 092722 (480-202113-1), MW6D 092722 (480-202113-2), MW6S 092722 (480-202113-3), MW1S 092722 (480-202113-4), MW5D 092722 (480-202113-5), MW1D 092722 (480-202113-6), MW8D 092822 (480-202113-8), MW7D 092822 (480-202113-9), X-1 092822 (480-202113-10), MW8S 092822 (480-202113-11), MW7S 092822 (480-202113-12), MW8DD 092822 (480-202113-13), MW7DD 092822 (480-202113-14) and TRIP BLANK (480-202113-15).

Method 8260C: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for analytical batch 480-643447 were outside control limits. The following samples were affected : MW8DD 092822 (480-202113-13[MS]) and MW8DD 092822 (480-202113-13[MSD]).

Method 8260C: The following volatiles sample was diluted due to foaming at the time of purging during the original sample analysis: MW1S 092722 (480-202113-4). Elevated reporting limits (RLs) are provided.

Method 8260C: Due to the coelution of Ethyl Acetate with 2-Butanone in the full spike solution, these analytes exceeded control limits in the laboratory control sample (LCS) and/or laboratory control sample duplicate (LCSD) associated with batch 480-643447 . The following samples were affected : MW6DD 092722 (480-202113-1), MW6D 092722 (480-202113-2), MW6S 092722 (480-202113-3), MW1S 092722 (480-202113-4), MW5D 092722 (480-202113-5), MW1D 092722 (480-202113-6), MW8D 092822 (480-202113-8), MW7D 092822 (480-202113-9), X-1 092822 (480-202113-10), MW8S 092822 (480-202113-11), MW7S 092822 (480-202113-12), MW8DD 092822 (480-202113-13), MW7DD 092822 (480-202113-14) and TRIP BLANK (480-202113-15).

Method 8260C: The laboratory control sample (LCS) for analytical batch 480-643837 recovered outside control limits for the following analytes: 1,2-Dichlorobenzene, 1,2,4-Trichlorobenzene, Styrene, 1,3-Dichlorobenzene, 1,1,2,2-Tetrachloroethane, Methylene Chloride, Ethylene Dibromide, 1,2-Dichloroethane and 1,4-Dichlorobenzene. These analytes were biased high in the LCS and were not detected in the associated samples; therefore, the data have been reported. The associated samples are impacted: MW10D 092922 (480-202150-1), MW4D 092922 (480-202150-2) and QC TRIP BLANKS (480-202150-4).

Method 8260C: The continuing calibration verification (CCV) associated with batch 480-643837 recovered above the upper control limit for 1,2-Dichlorobenzene, 1,2,4-Trichlorobenzene and 1,4-Dichlorobenzene. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated samples are impacted: MW10D 092922 (480-202150-1), MW4D 092922 (480-202150-2) and QC TRIP BLANKS (480-202150-4).

Method 8260C: The continuing calibration verification (CCV) associated with batch 480-643837 recovered outside acceptance criteria, low

Job ID: 480-202113-1 (Continued)

Laboratory: Eurofins Buffalo (Continued)

biased, for Cyclohexane. A reporting limit (RL) standard was analyzed, and the target analytes are detected. Since the associated samples were non-detect for the analyte, the data are reported. The associated samples are impacted: MW10D 092922 (480-202150-1), MW4D 092922 (480-202150-2) and QC TRIP BLANKS (480-202150-4).

Method 8260C: The surrogate recovery for the blank associated with analytical batch 480-643837 was outside control limits by 2% low. The surrogate recovery for the samples was within limits. The following samples are impacted: MW10D 092922 (480-202150-1), MW4D 092922 (480-202150-2) and QC TRIP BLANKS (480-202150-4)

Method 8260C: The method requirement for no headspace was not met. The following volatile sample was analyzed with headspace in the sample container(s): MW10S 092922 (480-202150-3).

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

HPLC/IC

Method 300.0: The following samples were diluted to bring the concentration of target analytes within the calibration range: MW6S 092722 (480-202113-3), MW1S 092722 (480-202113-4), MW5D 092722 (480-202113-5), MW1D 092722 (480-202113-6), MW5S 092722 (480-202113-7), MW8D 092822 (480-202113-8), MW7D 092822 (480-202113-9), X-1 092822 (480-202113-10), MW8S 092822 (480-202113-11), MW7S 092822 (480-202113-12), MW8DD 092822 (480-202113-13) and MW7DD 092822 (480-202113-14). Elevated reporting limits (RLs) are provided.

Method 300.0: The following samples were diluted to bring the concentration of target analytes within the calibration range: MW6DD 092722 (480-202113-1) and MW6D 092722 (480-202113-2). Elevated reporting limits (RLs) are provided.

Method 300.0: The following samples were diluted to bring the concentration of target analytes within the calibration range: MW10D 092922 (480-202150-1), MW4D 092922 (480-202150-2) and MW10S 092922 (480-202150-3). Elevated reporting limits (RLs) are provided.

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

General Chemistry

Method SM 5310C: The continuing calibration blank (CCB) for analytical batch 480-644482 contained total organic carbon (TOC) above the reporting limit (RL). All reported samples associated with this CCB were either ND for this analyte or contained this analyte at a concentration greater than 10X the value found in the CCB; therefore, re-analysis of samples was not performed.

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

Detection Summary

Client: O'Brien & Gere Inc of North America
Project/Site: Forest Glen Monitoring

Job ID: 480-202113-1
SDG: 480-202113-1

Client Sample ID: MW6DD 092722 — Lab Sample ID: 480-202113-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	32		1.0	0.81	ug/L	1		8260C	Total/NA
Methyl tert-butyl ether	0.25	J *+	1.0	0.16	ug/L	1		8260C	Total/NA
Vinyl chloride	10		1.0	0.90	ug/L	1		8260C	Total/NA
Chloride	270		2.5	1.4	mg/L	5		300.0	Total/NA
Sulfate	345		10.0	1.7	mg/L	5		300.0	Total/NA
Alkalinity, Bicarbonate	300		50.0	20.0	mg/L	5		310.2_ASP	Total/NA
Dissolved Organic Carbon - Duplicate	7.7		1.0	0.43	mg/L	1		SM 5310C	Dissolved

Client Sample ID: MW6D 092722 — Lab Sample ID: 480-202113-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	0.47	J *+	1.0	0.38	ug/L	1		8260C	Total/NA
cis-1,2-Dichloroethene	1.4		1.0	0.81	ug/L	1		8260C	Total/NA
Vinyl chloride	1.2		1.0	0.90	ug/L	1		8260C	Total/NA
Chloride	265		2.5	1.4	mg/L	5		300.0	Total/NA
Sulfate	244		10.0	1.7	mg/L	5		300.0	Total/NA
Alkalinity, Bicarbonate	354		50.0	20.0	mg/L	5		310.2_ASP	Total/NA
Dissolved Organic Carbon - Duplicate	4.7		1.0	0.43	mg/L	1		SM 5310C	Dissolved

Client Sample ID: MW6S 092722 — Lab Sample ID: 480-202113-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	14		1.0	0.81	ug/L	1		8260C	Total/NA
Vinyl chloride	32		1.0	0.90	ug/L	1		8260C	Total/NA
Chloride	34.4		2.5	1.4	mg/L	5		300.0	Total/NA
Sulfate	280		10.0	1.7	mg/L	5		300.0	Total/NA
Alkalinity, Bicarbonate	336		50.0	20.0	mg/L	5		310.2_ASP	Total/NA
Dissolved Organic Carbon - Duplicate	19.1		1.0	0.43	mg/L	1		SM 5310C	Dissolved

Client Sample ID: MW1S 092722 — Lab Sample ID: 480-202113-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	1330		10.0	5.6	mg/L	20		300.0	Total/NA
Sulfate	253		40.0	7.0	mg/L	20		300.0	Total/NA
Alkalinity, Bicarbonate	461		50.0	20.0	mg/L	5		310.2_ASP	Total/NA
Dissolved Organic Carbon - Duplicate	8.5		1.0	0.43	mg/L	1		SM 5310C	Dissolved

Client Sample ID: MW5D 092722 — Lab Sample ID: 480-202113-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	0.48	J *+	1.0	0.38	ug/L	1		8260C	Total/NA
Chloride	206		2.5	1.4	mg/L	5		300.0	Total/NA
Sulfate	237		10.0	1.7	mg/L	5		300.0	Total/NA
Alkalinity, Bicarbonate	409		50.0	20.0	mg/L	5		310.2_ASP	Total/NA
Dissolved Organic Carbon - Duplicate	18.7		1.0	0.43	mg/L	1		SM 5310C	Dissolved

Client Sample ID: MW1D 092722 — Lab Sample ID: 480-202113-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methyl tert-butyl ether	0.85	J *+	1.0	0.16	ug/L	1		8260C	Total/NA
Chloride	347		2.5	1.4	mg/L	5		300.0	Total/NA
Sulfate	188		10.0	1.7	mg/L	5		300.0	Total/NA
Alkalinity, Bicarbonate	369		50.0	20.0	mg/L	5		310.2_ASP	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins Buffalo

Client Sample ID: MW1D 092722 (Continued) — Lab Sample ID: 480-202113-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Dissolved Organic Carbon - Duplicate	12.5		1.0	0.43	mg/L	1		SM 5310C	Dissolved

Client Sample ID: MW5S 092722 — Lab Sample ID: 480-202113-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1,1-Trichloroethane	4.4		1.0	0.82	ug/L	1		8260C	Total/NA
1,1-Dichloroethane	40		1.0	0.38	ug/L	1		8260C	Total/NA
1,1-Dichloroethene	2.3		1.0	0.29	ug/L	1		8260C	Total/NA
cis-1,2-Dichloroethene	33		1.0	0.81	ug/L	1		8260C	Total/NA
Trichloroethene	7.0		1.0	0.46	ug/L	1		8260C	Total/NA
Vinyl chloride	7.7		1.0	0.90	ug/L	1		8260C	Total/NA
Chloride	13.6		2.5	1.4	mg/L	5		300.0	Total/NA
Sulfate	171		10.0	1.7	mg/L	5		300.0	Total/NA
Alkalinity, Bicarbonate	336		50.0	20.0	mg/L	5		310.2_ASP	Total/NA
Dissolved Organic Carbon - Duplicate	9.1		1.0	0.43	mg/L	1		SM 5310C	Dissolved

Client Sample ID: MW8D 092822 — Lab Sample ID: 480-202113-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	0.71	J *+	1.0	0.38	ug/L	1		8260C	Total/NA
Methyl tert-butyl ether	0.25	J *+	1.0	0.16	ug/L	1		8260C	Total/NA
Chloride	326		2.5	1.4	mg/L	5		300.0	Total/NA
Sulfate	259		10.0	1.7	mg/L	5		300.0	Total/NA
Alkalinity, Bicarbonate	345		50.0	20.0	mg/L	5		310.2_ASP	Total/NA
Dissolved Organic Carbon - Duplicate	16.4		1.0	0.43	mg/L	1		SM 5310C	Dissolved

Client Sample ID: MW7D 092822 — Lab Sample ID: 480-202113-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Tetrachloroethene	0.37	J *+	1.0	0.36	ug/L	1		8260C	Total/NA
Trichloroethene	0.97	J	1.0	0.46	ug/L	1		8260C	Total/NA
Chloride	9.0		1.0	0.56	mg/L	2		300.0	Total/NA
Sulfate	66.1		4.0	0.70	mg/L	2		300.0	Total/NA
Alkalinity, Bicarbonate	198		20.0	8.0	mg/L	2		310.2_ASP	Total/NA
Nitrate as N	0.096		0.050	0.020	mg/L	1		353.2	Total/NA
Dissolved Organic Carbon - Duplicate	14.1		1.0	0.43	mg/L	1		SM 5310C	Dissolved

Client Sample ID: X-1 092822 — Lab Sample ID: 480-202113-10

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	3.4		1.0	0.81	ug/L	1		8260C	Total/NA
Tetrachloroethene	0.77	J *+	1.0	0.36	ug/L	1		8260C	Total/NA
Trichloroethene	3.5		1.0	0.46	ug/L	1		8260C	Total/NA
Chloride	4.6		1.0	0.56	mg/L	2		300.0	Total/NA
Sulfate	61.6		4.0	0.70	mg/L	2		300.0	Total/NA
Alkalinity, Bicarbonate	221		50.0	20.0	mg/L	5		310.2_ASP	Total/NA
Nitrate as N	0.021	J	0.050	0.020	mg/L	1		353.2	Total/NA
Dissolved Organic Carbon - Duplicate	5.1		1.0	0.43	mg/L	1		SM 5310C	Dissolved

Client Sample ID: MW8S 092822 — Lab Sample ID: 480-202113-11

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	2.9		1.0	0.81	ug/L	1		8260C	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: MW8S 092822 (Continued) — Lab Sample ID: 480-202113-11

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Tetrachloroethene	0.61	J *+	1.0	0.36	ug/L	1		8260C	Total/NA
Trichloroethene	3.1		1.0	0.46	ug/L	1		8260C	Total/NA
Chloride	4.5		1.0	0.56	mg/L	2		300.0	Total/NA
Sulfate	61.5		4.0	0.70	mg/L	2		300.0	Total/NA
Alkalinity, Bicarbonate	214		50.0	20.0	mg/L	5		310.2_ASP	Total/NA
Nitrate as N	0.031	J	0.050	0.020	mg/L	1		353.2	Total/NA
Dissolved Organic Carbon - Duplicate	5.1		1.0	0.43	mg/L	1		SM 5310C	Dissolved

Client Sample ID: MW7S 092822 — Lab Sample ID: 480-202113-12

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Tetrachloroethene	0.60	J *+	1.0	0.36	ug/L	1		8260C	Total/NA
Trichloroethene	1.4		1.0	0.46	ug/L	1		8260C	Total/NA
Chloride	9.3		1.0	0.56	mg/L	2		300.0	Total/NA
Sulfate	62.2		4.0	0.70	mg/L	2		300.0	Total/NA
Alkalinity, Bicarbonate	195		20.0	8.0	mg/L	2		310.2_ASP	Total/NA
Nitrate as N	0.048	J	0.050	0.020	mg/L	1		353.2	Total/NA
Nitrite as N	0.033	J	0.050	0.020	mg/L	1		353.2	Total/NA
Dissolved Organic Carbon - Duplicate	28.9		1.0	0.43	mg/L	1		SM 5310C	Dissolved

Client Sample ID: MW8DD 092822 — Lab Sample ID: 480-202113-13

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methyl tert-butyl ether	0.25	J *+ F1	1.0	0.16	ug/L	1		8260C	Total/NA
Vinyl chloride	0.90	J F1	1.0	0.90	ug/L	1		8260C	Total/NA
Chloride	294	F1	2.5	1.4	mg/L	5		300.0	Total/NA
Sulfate	335	F1	10.0	1.7	mg/L	5		300.0	Total/NA
Alkalinity, Bicarbonate	288	B	50.0	20.0	mg/L	5		310.2_ASP	Total/NA
Dissolved Organic Carbon - Duplicate	6.9		1.0	0.43	mg/L	1		SM 5310C	Dissolved

Client Sample ID: MW7DD 092822 — Lab Sample ID: 480-202113-14

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	43.3		2.5	1.4	mg/L	5		300.0	Total/NA
Sulfate	302		10.0	1.7	mg/L	5		300.0	Total/NA
Alkalinity, Bicarbonate	254		50.0	20.0	mg/L	5		310.2_ASP	Total/NA
Dissolved Organic Carbon - Duplicate	38.2		1.0	0.43	mg/L	1		SM 5310C	Dissolved

Client Sample ID: TRIP BLANK — Lab Sample ID: 480-202113-15

No Detections.

Client Sample ID: MW10D 092922 — Lab Sample ID: 480-202150-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	369		2.5	1.4	mg/L	5		300.0	Total/NA
Sulfate	236		10.0	1.7	mg/L	5		300.0	Total/NA
Alkalinity, Bicarbonate	293	B	50.0	20.0	mg/L	5		310.2_ASP	Total/NA
Nitrate as N	0.025	J	0.050	0.020	mg/L	1		353.2	Total/NA
Dissolved Organic Carbon - Duplicate	15.5	^2	1.0	0.43	mg/L	1		SM 5310C	Dissolved

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: O'Brien & Gere Inc of North America
Project/Site: Forest Glen Monitoring

Job ID: 480-202113-1
SDG: 480-202113-1

Client Sample ID: MW4D 092922 — Lab Sample ID: 480-202150-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	285		2.5	1.4	mg/L	5		300.0	Total/NA
Sulfate	347		10.0	1.7	mg/L	5		300.0	Total/NA
Alkalinity, Bicarbonate	318	B	50.0	20.0	mg/L	5		310.2_ASP	Total/NA
Nitrate as N	0.023	J	0.050	0.020	mg/L	1		353.2	Total/NA
Dissolved Organic Carbon - Duplicate	29.1	^2	1.0	0.43	mg/L	1		SM 5310C	Dissolved

Client Sample ID: MW10S 092922 — Lab Sample ID: 480-202150-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	350		2.5	1.4	mg/L	5		300.0	Total/NA
Sulfate	260		10.0	1.7	mg/L	5		300.0	Total/NA
Alkalinity, Bicarbonate	284	B	50.0	20.0	mg/L	5		310.2_ASP	Total/NA
Dissolved Organic Carbon - Duplicate	18.6		1.0	0.43	mg/L	1		SM 5310C	Dissolved

Client Sample ID: QC TRIP BLANKS — Lab Sample ID: 480-202150-4

No Detections.

This Detection Summary does not include radiochemical test results.

Client Sample ID: MW6DD 092722

Date Collected: 09/27/22 09:15
Date Received: 09/28/22 16:00

Lab Sample ID: 480-202113-1

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			09/30/22 15:34	1
1,1,2,2-Tetrachloroethane	ND	*+	1.0	0.21	ug/L			09/30/22 15:34	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			09/30/22 15:34	1
1,1,2-Trichlorotrifluoroethane	ND		1.0	0.31	ug/L			09/30/22 15:34	1
1,1-Dichloroethane	ND	*+	1.0	0.38	ug/L			09/30/22 15:34	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			09/30/22 15:34	1
1,2,4-Trichlorobenzene	ND	*+	1.0	0.41	ug/L			09/30/22 15:34	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			09/30/22 15:34	1
1,2-Dibromoethane (EDB)	ND	*+	1.0	0.73	ug/L			09/30/22 15:34	1
1,2-Dichlorobenzene	ND	*+	1.0	0.79	ug/L			09/30/22 15:34	1
1,2-Dichloroethane	ND	*+	1.0	0.21	ug/L			09/30/22 15:34	1
1,2-Dichloropropane	ND	*+	1.0	0.72	ug/L			09/30/22 15:34	1
1,3-Dichlorobenzene	ND	*+	1.0	0.78	ug/L			09/30/22 15:34	1
1,4-Dichlorobenzene	ND	*+	1.0	0.84	ug/L			09/30/22 15:34	1
2-Hexanone	ND		5.0	1.2	ug/L			09/30/22 15:34	1
2-Butanone (MEK)	ND	*+	10	1.3	ug/L			09/30/22 15:34	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			09/30/22 15:34	1
Acetone	ND		10	3.0	ug/L			09/30/22 15:34	1
Benzene	ND		1.0	0.41	ug/L			09/30/22 15:34	1
Bromodichloromethane	ND	*+	1.0	0.39	ug/L			09/30/22 15:34	1
Bromoform	ND		1.0	0.26	ug/L			09/30/22 15:34	1
Bromomethane	ND		1.0	0.69	ug/L			09/30/22 15:34	1
Carbon disulfide	ND		1.0	0.19	ug/L			09/30/22 15:34	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			09/30/22 15:34	1
Chlorobenzene	ND		1.0	0.75	ug/L			09/30/22 15:34	1
Chlorodibromomethane	ND	*+	1.0	0.32	ug/L			09/30/22 15:34	1
Chloroethane	ND		1.0	0.32	ug/L			09/30/22 15:34	1
Chloroform	ND		1.0	0.34	ug/L			09/30/22 15:34	1
Chloromethane	ND		1.0	0.35	ug/L			09/30/22 15:34	1
cis-1,2-Dichloroethene	32		1.0	0.81	ug/L			09/30/22 15:34	1
cis-1,3-Dichloropropene	ND	*+	1.0	0.36	ug/L			09/30/22 15:34	1
Cyclohexane	ND		1.0	0.18	ug/L			09/30/22 15:34	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			09/30/22 15:34	1
Ethylbenzene	ND		1.0	0.74	ug/L			09/30/22 15:34	1
Isopropylbenzene	ND	*+	1.0	0.79	ug/L			09/30/22 15:34	1
Methyl acetate	ND	*+	1.3	1.3	ug/L			09/30/22 15:34	1
Methyl tert-butyl ether	0.25	J *+	1.0	0.16	ug/L			09/30/22 15:34	1
Methylcyclohexane	ND		1.0	0.16	ug/L			09/30/22 15:34	1
Methylene Chloride	ND	*+	1.0	0.44	ug/L			09/30/22 15:34	1
Styrene	ND	*+	1.0	0.73	ug/L			09/30/22 15:34	1
Tetrachloroethene	ND	*+	1.0	0.36	ug/L			09/30/22 15:34	1
Toluene	ND		1.0	0.51	ug/L			09/30/22 15:34	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			09/30/22 15:34	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			09/30/22 15:34	1
Trichloroethene	ND		1.0	0.46	ug/L			09/30/22 15:34	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			09/30/22 15:34	1
Vinyl chloride	10		1.0	0.90	ug/L			09/30/22 15:34	1
Xylenes, Total	ND		2.0	0.66	ug/L			09/30/22 15:34	1

Client: O'Brien & Gere Inc of North America
Project/Site: Forest Glen Monitoring

Job ID: 480-202113-1
SDG: 480-202113-1

Client Sample ID: MW6DD 092722

Date Collected: 09/27/22 09:15
Date Received: 09/28/22 16:00

Lab Sample ID: 480-202113-1

Matrix: Water

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*99*		*77 - 120*		*09/30/22 15:34*	*1*
Toluene-d8 (Surr)	*89*		*80 - 120*		*09/30/22 15:34*	*1*
4-Bromofluorobenzene (Surr)	*88*		*73 - 120*		*09/30/22 15:34*	*1*
Dibromofluoromethane (Surr)	*96*		*75 - 123*		*09/30/22 15:34*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride (MCAWW 300.0)	**270**		2.5	1.4	mg/L			10/03/22 21:39	5
Sulfate (MCAWW 300.0)	**345**		10.0	1.7	mg/L			10/03/22 21:39	5
Alkalinity, Bicarbonate (MCAWW 310.2_ASP)	**300**		50.0	20.0	mg/L			10/04/22 15:19	5
Nitrate as N (EPA 353.2)	ND		0.050	0.020	mg/L			09/28/22 19:46	1
Nitrite as N (MCAWW 353.2)	ND		0.050	0.020	mg/L			09/28/22 19:46	1
Sulfide (SM 4500 S2 F)	ND		1.0	0.67	mg/L			09/30/22 10:35	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dissolved Organic Carbon - Duplicate (SM 5310C)	**7.7**		1.0	0.43	mg/L			10/03/22 22:59	1

Client Sample ID: MW6D 092722

Date Collected: 09/27/22 09:20
Date Received: 09/28/22 16:00

Lab Sample ID: 480-202113-2

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			09/30/22 15:56	1
1,1,2,2-Tetrachloroethane	ND	*+	1.0	0.21	ug/L			09/30/22 15:56	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			09/30/22 15:56	1
1,1,2-Trichlorotrifluoroethane	ND		1.0	0.31	ug/L			09/30/22 15:56	1
1,1-Dichloroethane	0.47	J *+	1.0	0.38	ug/L			09/30/22 15:56	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			09/30/22 15:56	1
1,2,4-Trichlorobenzene	ND	*+	1.0	0.41	ug/L			09/30/22 15:56	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			09/30/22 15:56	1
1,2-Dibromoethane (EDB)	ND	*+	1.0	0.73	ug/L			09/30/22 15:56	1
1,2-Dichlorobenzene	ND	*+	1.0	0.79	ug/L			09/30/22 15:56	1
1,2-Dichloroethane	ND	*+	1.0	0.21	ug/L			09/30/22 15:56	1
1,2-Dichloropropane	ND	*+	1.0	0.72	ug/L			09/30/22 15:56	1
1,3-Dichlorobenzene	ND	*+	1.0	0.78	ug/L			09/30/22 15:56	1
1,4-Dichlorobenzene	ND	*+	1.0	0.84	ug/L			09/30/22 15:56	1
2-Hexanone	ND		5.0	1.2	ug/L			09/30/22 15:56	1
2-Butanone (MEK)	ND	*+	10	1.3	ug/L			09/30/22 15:56	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			09/30/22 15:56	1
Acetone	ND		10	3.0	ug/L			09/30/22 15:56	1
Benzene	ND		1.0	0.41	ug/L			09/30/22 15:56	1
Bromodichloromethane	ND	*+	1.0	0.39	ug/L			09/30/22 15:56	1
Bromoform	ND		1.0	0.26	ug/L			09/30/22 15:56	1
Bromomethane	ND		1.0	0.69	ug/L			09/30/22 15:56	1
Carbon disulfide	ND		1.0	0.19	ug/L			09/30/22 15:56	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			09/30/22 15:56	1
Chlorobenzene	ND		1.0	0.75	ug/L			09/30/22 15:56	1
Chlorodibromomethane	ND	*+	1.0	0.32	ug/L			09/30/22 15:56	1
Chloroethane	ND		1.0	0.32	ug/L			09/30/22 15:56	1
Chloroform	ND		1.0	0.34	ug/L			09/30/22 15:56	1
Chloromethane	ND		1.0	0.35	ug/L			09/30/22 15:56	1
cis-1,2-Dichloroethene	1.4		1.0	0.81	ug/L			09/30/22 15:56	1
cis-1,3-Dichloropropene	ND	*+	1.0	0.36	ug/L			09/30/22 15:56	1
Cyclohexane	ND		1.0	0.18	ug/L			09/30/22 15:56	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			09/30/22 15:56	1
Ethylbenzene	ND		1.0	0.74	ug/L			09/30/22 15:56	1
Isopropylbenzene	ND	*+	1.0	0.79	ug/L			09/30/22 15:56	1
Methyl acetate	ND	*+	1.3	1.3	ug/L			09/30/22 15:56	1
Methyl tert-butyl ether	ND	*+	1.0	0.16	ug/L			09/30/22 15:56	1
Methylcyclohexane	ND		1.0	0.16	ug/L			09/30/22 15:56	1
Methylene Chloride	ND	*+	1.0	0.44	ug/L			09/30/22 15:56	1
Styrene	ND	*+	1.0	0.73	ug/L			09/30/22 15:56	1
Tetrachloroethene	ND	*+	1.0	0.36	ug/L			09/30/22 15:56	1
Toluene	ND		1.0	0.51	ug/L			09/30/22 15:56	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			09/30/22 15:56	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			09/30/22 15:56	1
Trichloroethene	ND		1.0	0.46	ug/L			09/30/22 15:56	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			09/30/22 15:56	1
Vinyl chloride	1.2		1.0	0.90	ug/L			09/30/22 15:56	1
Xylenes, Total	ND		2.0	0.66	ug/L			09/30/22 15:56	1

Client Sample ID: MW6D 092722

Date Collected: 09/27/22 09:20
Date Received: 09/28/22 16:00

Lab Sample ID: 480-202113-2

Matrix: Water

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*96*		*77 - 120*		*09/30/22 15:56*	*1*
Toluene-d8 (Surr)	*86*		*80 - 120*		*09/30/22 15:56*	*1*
4-Bromofluorobenzene (Surr)	*88*		*73 - 120*		*09/30/22 15:56*	*1*
Dibromofluoromethane (Surr)	*94*		*75 - 123*		*09/30/22 15:56*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride (MCAWW 300.0)	**265**		2.5	1.4	mg/L			10/03/22 21:50	5
Sulfate (MCAWW 300.0)	**244**		10.0	1.7	mg/L			10/03/22 21:50	5
Alkalinity, Bicarbonate (MCAWW 310.2_ASP)	**354**		50.0	20.0	mg/L			10/02/22 13:41	5
Nitrate as N (EPA 353.2)	ND		0.050	0.020	mg/L			09/28/22 19:47	1
Nitrite as N (MCAWW 353.2)	ND		0.050	0.020	mg/L			09/28/22 19:47	1
Sulfide (SM 4500 S2 F)	ND		1.0	0.67	mg/L			09/30/22 10:35	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dissolved Organic Carbon - Duplicate (SM 5310C)	**4.7**		1.0	0.43	mg/L			10/03/22 23:15	1

Client: O'Brien & Gere Inc of North America
Project/Site: Forest Glen Monitoring

Job ID: 480-202113-1
SDG: 480-202113-1

Client Sample ID: MW6S 092722
Date Collected: 09/27/22 11:30
Date Received: 09/28/22 16:00

Lab Sample ID: 480-202113-3
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			09/30/22 16:18	1
1,1,2,2-Tetrachloroethane	ND	*+	1.0	0.21	ug/L			09/30/22 16:18	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			09/30/22 16:18	1
1,1,2-Trichlorotrifluoroethane	ND		1.0	0.31	ug/L			09/30/22 16:18	1
1,1-Dichloroethane	ND	*+	1.0	0.38	ug/L			09/30/22 16:18	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			09/30/22 16:18	1
1,2,4-Trichlorobenzene	ND	*+	1.0	0.41	ug/L			09/30/22 16:18	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			09/30/22 16:18	1
1,2-Dibromoethane (EDB)	ND	*+	1.0	0.73	ug/L			09/30/22 16:18	1
1,2-Dichlorobenzene	ND	*+	1.0	0.79	ug/L			09/30/22 16:18	1
1,2-Dichloroethane	ND	*+	1.0	0.21	ug/L			09/30/22 16:18	1
1,2-Dichloropropane	ND	*+	1.0	0.72	ug/L			09/30/22 16:18	1
1,3-Dichlorobenzene	ND	*+	1.0	0.78	ug/L			09/30/22 16:18	1
1,4-Dichlorobenzene	ND	*+	1.0	0.84	ug/L			09/30/22 16:18	1
2-Hexanone	ND		5.0	1.2	ug/L			09/30/22 16:18	1
2-Butanone (MEK)	ND	*+	10	1.3	ug/L			09/30/22 16:18	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			09/30/22 16:18	1
Acetone	ND		10	3.0	ug/L			09/30/22 16:18	1
Benzene	ND		1.0	0.41	ug/L			09/30/22 16:18	1
Bromodichloromethane	ND	*+	1.0	0.39	ug/L			09/30/22 16:18	1
Bromoform	ND		1.0	0.26	ug/L			09/30/22 16:18	1
Bromomethane	ND		1.0	0.69	ug/L			09/30/22 16:18	1
Carbon disulfide	ND		1.0	0.19	ug/L			09/30/22 16:18	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			09/30/22 16:18	1
Chlorobenzene	ND		1.0	0.75	ug/L			09/30/22 16:18	1
Chlorodibromomethane	ND	*+	1.0	0.32	ug/L			09/30/22 16:18	1
Chloroethane	ND		1.0	0.32	ug/L			09/30/22 16:18	1
Chloroform	ND		1.0	0.34	ug/L			09/30/22 16:18	1
Chloromethane	ND		1.0	0.35	ug/L			09/30/22 16:18	1
cis-1,2-Dichloroethene	14		1.0	0.81	ug/L			09/30/22 16:18	1
cis-1,3-Dichloropropene	ND	*+	1.0	0.36	ug/L			09/30/22 16:18	1
Cyclohexane	ND		1.0	0.18	ug/L			09/30/22 16:18	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			09/30/22 16:18	1
Ethylbenzene	ND		1.0	0.74	ug/L			09/30/22 16:18	1
Isopropylbenzene	ND	*+	1.0	0.79	ug/L			09/30/22 16:18	1
Methyl acetate	ND	*+	1.3	1.3	ug/L			09/30/22 16:18	1
Methyl tert-butyl ether	ND	*+	1.0	0.16	ug/L			09/30/22 16:18	1
Methylcyclohexane	ND		1.0	0.16	ug/L			09/30/22 16:18	1
Methylene Chloride	ND	*+	1.0	0.44	ug/L			09/30/22 16:18	1
Styrene	ND	*+	1.0	0.73	ug/L			09/30/22 16:18	1
Tetrachloroethene	ND	*+	1.0	0.36	ug/L			09/30/22 16:18	1
Toluene	ND		1.0	0.51	ug/L			09/30/22 16:18	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			09/30/22 16:18	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			09/30/22 16:18	1
Trichloroethene	ND		1.0	0.46	ug/L			09/30/22 16:18	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			09/30/22 16:18	1
Vinyl chloride	32		1.0	0.90	ug/L			09/30/22 16:18	1
Xylenes, Total	ND		2.0	0.66	ug/L			09/30/22 16:18	1

Client: O'Brien & Gere Inc of North America
Project/Site: Forest Glen Monitoring

Job ID: 480-202113-1
SDG: 480-202113-1

Client Sample ID: MW6S 092722
Date Collected: 09/27/22 11:30
Date Received: 09/28/22 16:00

Lab Sample ID: 480-202113-3
Matrix: Water

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*97*		*77 - 120*		*09/30/22 16:18*	*1*
Toluene-d8 (Surr)	*88*		*80 - 120*		*09/30/22 16:18*	*1*
4-Bromofluorobenzene (Surr)	*88*		*73 - 120*		*09/30/22 16:18*	*1*
Dibromofluoromethane (Surr)	*99*		*75 - 123*		*09/30/22 16:18*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride (MCAWW 300.0)	**34.4**		2.5	1.4	mg/L			10/04/22 00:03	5
Sulfate (MCAWW 300.0)	**280**		10.0	1.7	mg/L			10/04/22 00:03	5
Alkalinity, Bicarbonate (MCAWW 310.2_ASP)	**336**		50.0	20.0	mg/L			10/02/22 14:58	5
Nitrate as N (EPA 353.2)	ND		0.050	0.020	mg/L			09/28/22 19:48	1
Nitrite as N (MCAWW 353.2)	ND		0.050	0.020	mg/L			09/28/22 19:48	1
Sulfide (SM 4500 S2 F)	ND		1.0	0.67	mg/L			09/30/22 10:35	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dissolved Organic Carbon - Duplicate (SM 5310C)	**19.1**		1.0	0.43	mg/L			10/03/22 23:31	1

Client: O'Brien & Gere Inc of North America
Project/Site: Forest Glen Monitoring

Job ID: 480-202113-1
SDG: 480-202113-1

Client Sample ID: MW1S 092722
Date Collected: 09/27/22 11:55
Date Received: 09/28/22 16:00

Lab Sample ID: 480-202113-4
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		2.0	1.6	ug/L			09/30/22 16:40	2
1,1,2,2-Tetrachloroethane	ND	*+	2.0	0.42	ug/L			09/30/22 16:40	2
1,1,2-Trichloroethane	ND		2.0	0.46	ug/L			09/30/22 16:40	2
1,1,2-Trichlorotrifluoroethane	ND		2.0	0.62	ug/L			09/30/22 16:40	2
1,1-Dichloroethane	ND	*+	2.0	0.76	ug/L			09/30/22 16:40	2
1,1-Dichloroethene	ND		2.0	0.58	ug/L			09/30/22 16:40	2
1,2,4-Trichlorobenzene	ND	*+	2.0	0.82	ug/L			09/30/22 16:40	2
1,2-Dibromo-3-Chloropropane	ND		2.0	0.78	ug/L			09/30/22 16:40	2
1,2-Dibromoethane (EDB)	ND	*+	2.0	1.5	ug/L			09/30/22 16:40	2
1,2-Dichlorobenzene	ND	*+	2.0	1.6	ug/L			09/30/22 16:40	2
1,2-Dichloroethane	ND	*+	2.0	0.42	ug/L			09/30/22 16:40	2
1,2-Dichloropropane	ND	*+	2.0	1.4	ug/L			09/30/22 16:40	2
1,3-Dichlorobenzene	ND	*+	2.0	1.6	ug/L			09/30/22 16:40	2
1,4-Dichlorobenzene	ND	*+	2.0	1.7	ug/L			09/30/22 16:40	2
2-Hexanone	ND		10	2.5	ug/L			09/30/22 16:40	2
2-Butanone (MEK)	ND	*+	20	2.6	ug/L			09/30/22 16:40	2
4-Methyl-2-pentanone (MIBK)	ND		10	4.2	ug/L			09/30/22 16:40	2
Acetone	ND		20	6.0	ug/L			09/30/22 16:40	2
Benzene	ND		2.0	0.82	ug/L			09/30/22 16:40	2
Bromodichloromethane	ND	*+	2.0	0.78	ug/L			09/30/22 16:40	2
Bromoform	ND		2.0	0.52	ug/L			09/30/22 16:40	2
Bromomethane	ND		2.0	1.4	ug/L			09/30/22 16:40	2
Carbon disulfide	ND		2.0	0.38	ug/L			09/30/22 16:40	2
Carbon tetrachloride	ND		2.0	0.54	ug/L			09/30/22 16:40	2
Chlorobenzene	ND		2.0	1.5	ug/L			09/30/22 16:40	2
Chlorodibromomethane	ND	*+	2.0	0.64	ug/L			09/30/22 16:40	2
Chloroethane	ND		2.0	0.64	ug/L			09/30/22 16:40	2
Chloroform	ND		2.0	0.68	ug/L			09/30/22 16:40	2
Chloromethane	ND		2.0	0.70	ug/L			09/30/22 16:40	2
cis-1,2-Dichloroethene	ND		2.0	1.6	ug/L			09/30/22 16:40	2
cis-1,3-Dichloropropene	ND	*+	2.0	0.72	ug/L			09/30/22 16:40	2
Cyclohexane	ND		2.0	0.36	ug/L			09/30/22 16:40	2
Dichlorodifluoromethane	ND		2.0	1.4	ug/L			09/30/22 16:40	2
Ethylbenzene	ND		2.0	1.5	ug/L			09/30/22 16:40	2
Isopropylbenzene	ND	*+	2.0	1.6	ug/L			09/30/22 16:40	2
Methyl acetate	ND	*+	2.6	2.6	ug/L			09/30/22 16:40	2
Methyl tert-butyl ether	ND	*+	2.0	0.32	ug/L			09/30/22 16:40	2
Methylcyclohexane	ND		2.0	0.32	ug/L			09/30/22 16:40	2
Methylene Chloride	ND	*+	2.0	0.88	ug/L			09/30/22 16:40	2
Styrene	ND	*+	2.0	1.5	ug/L			09/30/22 16:40	2
Tetrachloroethene	ND	*+	2.0	0.72	ug/L			09/30/22 16:40	2
Toluene	ND		2.0	1.0	ug/L			09/30/22 16:40	2
trans-1,2-Dichloroethene	ND		2.0	1.8	ug/L			09/30/22 16:40	2
trans-1,3-Dichloropropene	ND		2.0	0.74	ug/L			09/30/22 16:40	2
Trichloroethene	ND		2.0	0.92	ug/L			09/30/22 16:40	2
Trichlorofluoromethane	ND		2.0	1.8	ug/L			09/30/22 16:40	2
Vinyl chloride	ND		2.0	1.8	ug/L			09/30/22 16:40	2
Xylenes, Total	ND		4.0	1.3	ug/L			09/30/22 16:40	2

Client: O'Brien & Gere Inc of North America
Project/Site: Forest Glen Monitoring

Job ID: 480-202113-1
SDG: 480-202113-1

Client Sample ID: MW1S 092722
Date Collected: 09/27/22 11:55
Date Received: 09/28/22 16:00

Lab Sample ID: 480-202113-4
Matrix: Water

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*95*		*77 - 120*		*09/30/22 16:40*	*2*
Toluene-d8 (Surr)	*83*		*80 - 120*		*09/30/22 16:40*	*2*
4-Bromofluorobenzene (Surr)	*89*		*73 - 120*		*09/30/22 16:40*	*2*
Dibromofluoromethane (Surr)	*97*		*75 - 123*		*09/30/22 16:40*	*2*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride (MCAWW 300.0)	**1330**		10.0	5.6	mg/L			10/04/22 00:23	20
Sulfate (MCAWW 300.0)	**253**		40.0	7.0	mg/L			10/04/22 00:23	20
Alkalinity, Bicarbonate (MCAWW 310.2_ASP)	**461**		50.0	20.0	mg/L			10/02/22 14:59	5
Nitrate as N (EPA 353.2)	ND		0.050	0.020	mg/L			09/28/22 19:50	1
Nitrite as N (MCAWW 353.2)	ND		0.050	0.020	mg/L			09/28/22 19:50	1
Sulfide (SM 4500 S2 F)	ND		1.0	0.67	mg/L			09/30/22 10:35	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dissolved Organic Carbon - Duplicate (SM 5310C)	**8.5**		1.0	0.43	mg/L			10/03/22 23:47	1

Client Sample ID: MW5D 092722

Date Collected: 09/27/22 13:50
Date Received: 09/28/22 16:00

Lab Sample ID: 480-202113-5

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			09/30/22 17:02	1
1,1,2,2-Tetrachloroethane	ND	*+	1.0	0.21	ug/L			09/30/22 17:02	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			09/30/22 17:02	1
1,1,2-Trichlorotrifluoroethane	ND		1.0	0.31	ug/L			09/30/22 17:02	1
1,1-Dichloroethane	0.48	J *+	1.0	0.38	ug/L			09/30/22 17:02	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			09/30/22 17:02	1
1,2,4-Trichlorobenzene	ND	*+	1.0	0.41	ug/L			09/30/22 17:02	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			09/30/22 17:02	1
1,2-Dibromoethane (EDB)	ND	*+	1.0	0.73	ug/L			09/30/22 17:02	1
1,2-Dichlorobenzene	ND	*+	1.0	0.79	ug/L			09/30/22 17:02	1
1,2-Dichloroethane	ND	*+	1.0	0.21	ug/L			09/30/22 17:02	1
1,2-Dichloropropane	ND	*+	1.0	0.72	ug/L			09/30/22 17:02	1
1,3-Dichlorobenzene	ND	*+	1.0	0.78	ug/L			09/30/22 17:02	1
1,4-Dichlorobenzene	ND	*+	1.0	0.84	ug/L			09/30/22 17:02	1
2-Hexanone	ND		5.0	1.2	ug/L			09/30/22 17:02	1
2-Butanone (MEK)	ND	*+	10	1.3	ug/L			09/30/22 17:02	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			09/30/22 17:02	1
Acetone	ND		10	3.0	ug/L			09/30/22 17:02	1
Benzene	ND		1.0	0.41	ug/L			09/30/22 17:02	1
Bromodichloromethane	ND	*+	1.0	0.39	ug/L			09/30/22 17:02	1
Bromoform	ND		1.0	0.26	ug/L			09/30/22 17:02	1
Bromomethane	ND		1.0	0.69	ug/L			09/30/22 17:02	1
Carbon disulfide	ND		1.0	0.19	ug/L			09/30/22 17:02	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			09/30/22 17:02	1
Chlorobenzene	ND		1.0	0.75	ug/L			09/30/22 17:02	1
Chlorodibromomethane	ND	*+	1.0	0.32	ug/L			09/30/22 17:02	1
Chloroethane	ND		1.0	0.32	ug/L			09/30/22 17:02	1
Chloroform	ND		1.0	0.34	ug/L			09/30/22 17:02	1
Chloromethane	ND		1.0	0.35	ug/L			09/30/22 17:02	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			09/30/22 17:02	1
cis-1,3-Dichloropropene	ND	*+	1.0	0.36	ug/L			09/30/22 17:02	1
Cyclohexane	ND		1.0	0.18	ug/L			09/30/22 17:02	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			09/30/22 17:02	1
Ethylbenzene	ND		1.0	0.74	ug/L			09/30/22 17:02	1
Isopropylbenzene	ND	*+	1.0	0.79	ug/L			09/30/22 17:02	1
Methyl acetate	ND	*+	1.3	1.3	ug/L			09/30/22 17:02	1
Methyl tert-butyl ether	ND	*+	1.0	0.16	ug/L			09/30/22 17:02	1
Methylcyclohexane	ND		1.0	0.16	ug/L			09/30/22 17:02	1
Methylene Chloride	ND	*+	1.0	0.44	ug/L			09/30/22 17:02	1
Styrene	ND	*+	1.0	0.73	ug/L			09/30/22 17:02	1
Tetrachloroethene	ND	*+	1.0	0.36	ug/L			09/30/22 17:02	1
Toluene	ND		1.0	0.51	ug/L			09/30/22 17:02	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			09/30/22 17:02	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			09/30/22 17:02	1
Trichloroethene	ND		1.0	0.46	ug/L			09/30/22 17:02	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			09/30/22 17:02	1
Vinyl chloride	ND		1.0	0.90	ug/L			09/30/22 17:02	1
Xylenes, Total	ND		2.0	0.66	ug/L			09/30/22 17:02	1

Client: O'Brien & Gere Inc of North America
Project/Site: Forest Glen Monitoring

Job ID: 480-202113-1
SDG: 480-202113-1

Client Sample ID: MW5D 092722

Date Collected: 09/27/22 13:50
Date Received: 09/28/22 16:00

Lab Sample ID: 480-202113-5

Matrix: Water

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*96*		*77 - 120*		*09/30/22 17:02*	*1*
Toluene-d8 (Surr)	*85*		*80 - 120*		*09/30/22 17:02*	*1*
4-Bromofluorobenzene (Surr)	*90*		*73 - 120*		*09/30/22 17:02*	*1*
Dibromofluoromethane (Surr)	*97*		*75 - 123*		*09/30/22 17:02*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride (MCAWW 300.0)	**206**		2.5	1.4	mg/L			10/04/22 02:21	5
Sulfate (MCAWW 300.0)	**237**		10.0	1.7	mg/L			10/04/22 02:21	5
Alkalinity, Bicarbonate (MCAWW 310.2_ASP)	**409**		50.0	20.0	mg/L			10/02/22 15:01	5
Nitrate as N (EPA 353.2)	ND		0.050	0.020	mg/L			09/28/22 20:02	1
Nitrite as N (MCAWW 353.2)	ND		0.050	0.020	mg/L			09/28/22 20:02	1
Sulfide (SM 4500 S2 F)	ND		1.0	0.67	mg/L			09/30/22 10:35	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dissolved Organic Carbon - Duplicate (SM 5310C)	**18.7**		1.0	0.43	mg/L			10/04/22 00:04	1

Client: O'Brien & Gere Inc of North America
Project/Site: Forest Glen Monitoring

Job ID: 480-202113-1
SDG: 480-202113-1

Client Sample ID: MW1D 092722
Date Collected: 09/27/22 14:05
Date Received: 09/28/22 16:00

Lab Sample ID: 480-202113-6
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			09/30/22 17:24	1
1,1,2,2-Tetrachloroethane	ND	*+	1.0	0.21	ug/L			09/30/22 17:24	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			09/30/22 17:24	1
1,1,2-Trichlorotrifluoroethane	ND		1.0	0.31	ug/L			09/30/22 17:24	1
1,1-Dichloroethane	ND	*+	1.0	0.38	ug/L			09/30/22 17:24	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			09/30/22 17:24	1
1,2,4-Trichlorobenzene	ND	*+	1.0	0.41	ug/L			09/30/22 17:24	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			09/30/22 17:24	1
1,2-Dibromoethane (EDB)	ND	*+	1.0	0.73	ug/L			09/30/22 17:24	1
1,2-Dichlorobenzene	ND	*+	1.0	0.79	ug/L			09/30/22 17:24	1
1,2-Dichloroethane	ND	*+	1.0	0.21	ug/L			09/30/22 17:24	1
1,2-Dichloropropane	ND	*+	1.0	0.72	ug/L			09/30/22 17:24	1
1,3-Dichlorobenzene	ND	*+	1.0	0.78	ug/L			09/30/22 17:24	1
1,4-Dichlorobenzene	ND	*+	1.0	0.84	ug/L			09/30/22 17:24	1
2-Hexanone	ND		5.0	1.2	ug/L			09/30/22 17:24	1
2-Butanone (MEK)	ND	*+	10	1.3	ug/L			09/30/22 17:24	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			09/30/22 17:24	1
Acetone	ND		10	3.0	ug/L			09/30/22 17:24	1
Benzene	ND		1.0	0.41	ug/L			09/30/22 17:24	1
Bromodichloromethane	ND	*+	1.0	0.39	ug/L			09/30/22 17:24	1
Bromoform	ND		1.0	0.26	ug/L			09/30/22 17:24	1
Bromomethane	ND		1.0	0.69	ug/L			09/30/22 17:24	1
Carbon disulfide	ND		1.0	0.19	ug/L			09/30/22 17:24	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			09/30/22 17:24	1
Chlorobenzene	ND		1.0	0.75	ug/L			09/30/22 17:24	1
Chlorodibromomethane	ND	*+	1.0	0.32	ug/L			09/30/22 17:24	1
Chloroethane	ND		1.0	0.32	ug/L			09/30/22 17:24	1
Chloroform	ND		1.0	0.34	ug/L			09/30/22 17:24	1
Chloromethane	ND		1.0	0.35	ug/L			09/30/22 17:24	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			09/30/22 17:24	1
cis-1,3-Dichloropropene	ND	*+	1.0	0.36	ug/L			09/30/22 17:24	1
Cyclohexane	ND		1.0	0.18	ug/L			09/30/22 17:24	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			09/30/22 17:24	1
Ethylbenzene	ND		1.0	0.74	ug/L			09/30/22 17:24	1
Isopropylbenzene	ND	*+	1.0	0.79	ug/L			09/30/22 17:24	1
Methyl acetate	ND	*+	1.3	1.3	ug/L			09/30/22 17:24	1
Methyl tert-butyl ether	0.85	J *+	1.0	0.16	ug/L			09/30/22 17:24	1
Methylcyclohexane	ND		1.0	0.16	ug/L			09/30/22 17:24	1
Methylene Chloride	ND	*+	1.0	0.44	ug/L			09/30/22 17:24	1
Styrene	ND	*+	1.0	0.73	ug/L			09/30/22 17:24	1
Tetrachloroethene	ND	*+	1.0	0.36	ug/L			09/30/22 17:24	1
Toluene	ND		1.0	0.51	ug/L			09/30/22 17:24	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			09/30/22 17:24	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			09/30/22 17:24	1
Trichloroethene	ND		1.0	0.46	ug/L			09/30/22 17:24	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			09/30/22 17:24	1
Vinyl chloride	ND		1.0	0.90	ug/L			09/30/22 17:24	1
Xylenes, Total	ND		2.0	0.66	ug/L			09/30/22 17:24	1

Client Sample ID: MW1D 092722

Date Collected: 09/27/22 14:05
Date Received: 09/28/22 16:00

Lab Sample ID: 480-202113-6

Matrix: Water

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*95*		*77 - 120*		*09/30/22 17:24*	*1*
Toluene-d8 (Surr)	*83*		*80 - 120*		*09/30/22 17:24*	*1*
4-Bromofluorobenzene (Surr)	*87*		*73 - 120*		*09/30/22 17:24*	*1*
Dibromofluoromethane (Surr)	*98*		*75 - 123*		*09/30/22 17:24*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride (MCAWW 300.0)	**347**		2.5	1.4	mg/L			10/04/22 02:40	5
Sulfate (MCAWW 300.0)	**188**		10.0	1.7	mg/L			10/04/22 02:40	5
Alkalinity, Bicarbonate (MCAWW 310.2_ASP)	**369**		50.0	20.0	mg/L			10/02/22 15:01	5
Nitrate as N (EPA 353.2)	ND		0.050	0.020	mg/L			09/28/22 19:57	1
Nitrite as N (MCAWW 353.2)	ND		0.050	0.020	mg/L			09/28/22 19:57	1
Sulfide (SM 4500 S2 F)	ND		1.0	0.67	mg/L			09/30/22 10:35	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dissolved Organic Carbon - Duplicate (SM 5310C)	**12.5**		1.0	0.43	mg/L			10/04/22 01:23	1

Client: O'Brien & Gere Inc of North America
Project/Site: Forest Glen Monitoring

Job ID: 480-202113-1
SDG: 480-202113-1

Client Sample ID: MW5S 092722
Date Collected: 09/27/22 16:00
Date Received: 09/28/22 16:00

Lab Sample ID: 480-202113-7
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	**4.4**		1.0	0.82	ug/L			10/03/22 12:33	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			10/03/22 12:33	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			10/03/22 12:33	1
1,1,2-Trichlorotrifluoroethane	ND		1.0	0.31	ug/L			10/03/22 12:33	1
1,1-Dichloroethane	**40**		1.0	0.38	ug/L			10/03/22 12:33	1
1,1-Dichloroethene	**2.3**		1.0	0.29	ug/L			10/03/22 12:33	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			10/03/22 12:33	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			10/03/22 12:33	1
1,2-Dibromoethane (EDB)	ND		1.0	0.73	ug/L			10/03/22 12:33	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			10/03/22 12:33	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			10/03/22 12:33	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			10/03/22 12:33	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			10/03/22 12:33	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			10/03/22 12:33	1
2-Hexanone	ND		5.0	1.2	ug/L			10/03/22 12:33	1
2-Butanone (MEK)	ND		10	1.3	ug/L			10/03/22 12:33	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			10/03/22 12:33	1
Acetone	ND		10	3.0	ug/L			10/03/22 12:33	1
Benzene	ND		1.0	0.41	ug/L			10/03/22 12:33	1
Bromodichloromethane	ND		1.0	0.39	ug/L			10/03/22 12:33	1
Bromoform	ND		1.0	0.26	ug/L			10/03/22 12:33	1
Bromomethane	ND		1.0	0.69	ug/L			10/03/22 12:33	1
Carbon disulfide	ND		1.0	0.19	ug/L			10/03/22 12:33	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			10/03/22 12:33	1
Chlorobenzene	ND		1.0	0.75	ug/L			10/03/22 12:33	1
Chlorodibromomethane	ND		1.0	0.32	ug/L			10/03/22 12:33	1
Chloroethane	ND		1.0	0.32	ug/L			10/03/22 12:33	1
Chloroform	ND		1.0	0.34	ug/L			10/03/22 12:33	1
Chloromethane	ND		1.0	0.35	ug/L			10/03/22 12:33	1
cis-1,2-Dichloroethene	**33**		1.0	0.81	ug/L			10/03/22 12:33	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			10/03/22 12:33	1
Cyclohexane	ND		1.0	0.18	ug/L			10/03/22 12:33	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			10/03/22 12:33	1
Ethylbenzene	ND		1.0	0.74	ug/L			10/03/22 12:33	1
Isopropylbenzene	ND		1.0	0.79	ug/L			10/03/22 12:33	1
Methyl acetate	ND		1.3	1.3	ug/L			10/03/22 12:33	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			10/03/22 12:33	1
Methylcyclohexane	ND		1.0	0.16	ug/L			10/03/22 12:33	1
Methylene Chloride	ND		1.0	0.44	ug/L			10/03/22 12:33	1
Styrene	ND		1.0	0.73	ug/L			10/03/22 12:33	1
Tetrachloroethene	ND		1.0	0.36	ug/L			10/03/22 12:33	1
Toluene	ND		1.0	0.51	ug/L			10/03/22 12:33	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			10/03/22 12:33	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			10/03/22 12:33	1
Trichloroethene	**7.0**		1.0	0.46	ug/L			10/03/22 12:33	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			10/03/22 12:33	1
Vinyl chloride	**7.7**		1.0	0.90	ug/L			10/03/22 12:33	1
Xylenes, Total	ND		2.0	0.66	ug/L			10/03/22 12:33	1

Client: O'Brien & Gere Inc of North America
Project/Site: Forest Glen Monitoring

Job ID: 480-202113-1
SDG: 480-202113-1

Client Sample ID: MW5S 092722

Date Collected: 09/27/22 16:00
Date Received: 09/28/22 16:00

Lab Sample ID: 480-202113-7

Matrix: Water

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*94*		*77 - 120*		*10/03/22 12:33*	*1*
Toluene-d8 (Surr)	*86*		*80 - 120*		*10/03/22 12:33*	*1*
4-Bromofluorobenzene (Surr)	*93*		*73 - 120*		*10/03/22 12:33*	*1*
Dibromofluoromethane (Surr)	*92*		*75 - 123*		*10/03/22 12:33*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride (MCAWW 300.0)	**13.6**		2.5	1.4	mg/L			10/04/22 03:00	5
Sulfate (MCAWW 300.0)	**171**		10.0	1.7	mg/L			10/04/22 03:00	5
Alkalinity, Bicarbonate (MCAWW 310.2_ASP)	**336**		50.0	20.0	mg/L			10/02/22 14:40	5
Nitrate as N (EPA 353.2)	ND		0.050	0.020	mg/L			09/28/22 20:03	1
Nitrite as N (MCAWW 353.2)	ND		0.050	0.020	mg/L			09/28/22 20:03	1
Sulfide (SM 4500 S2 F)	ND		1.0	0.67	mg/L			09/30/22 10:35	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dissolved Organic Carbon - Duplicate (SM 5310C)	**9.1**		1.0	0.43	mg/L			10/04/22 01:39	1

Client: O'Brien & Gere Inc of North America
Project/Site: Forest Glen Monitoring

Job ID: 480-202113-1
SDG: 480-202113-1

Client Sample ID: MW8D 092822
Date Collected: 09/28/22 09:05
Date Received: 09/28/22 16:00

Lab Sample ID: 480-202113-8
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			09/30/22 18:08	1
1,1,2,2-Tetrachloroethane	ND	*+	1.0	0.21	ug/L			09/30/22 18:08	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			09/30/22 18:08	1
1,1,2-Trichlorotrifluoroethane	ND		1.0	0.31	ug/L			09/30/22 18:08	1
1,1-Dichloroethane	0.71	J *+	1.0	0.38	ug/L			09/30/22 18:08	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			09/30/22 18:08	1
1,2,4-Trichlorobenzene	ND	*+	1.0	0.41	ug/L			09/30/22 18:08	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			09/30/22 18:08	1
1,2-Dibromoethane (EDB)	ND	*+	1.0	0.73	ug/L			09/30/22 18:08	1
1,2-Dichlorobenzene	ND	*+	1.0	0.79	ug/L			09/30/22 18:08	1
1,2-Dichloroethane	ND	*+	1.0	0.21	ug/L			09/30/22 18:08	1
1,2-Dichloropropane	ND	*+	1.0	0.72	ug/L			09/30/22 18:08	1
1,3-Dichlorobenzene	ND	*+	1.0	0.78	ug/L			09/30/22 18:08	1
1,4-Dichlorobenzene	ND	*+	1.0	0.84	ug/L			09/30/22 18:08	1
2-Hexanone	ND		5.0	1.2	ug/L			09/30/22 18:08	1
2-Butanone (MEK)	ND	*+	10	1.3	ug/L			09/30/22 18:08	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			09/30/22 18:08	1
Acetone	ND		10	3.0	ug/L			09/30/22 18:08	1
Benzene	ND		1.0	0.41	ug/L			09/30/22 18:08	1
Bromodichloromethane	ND	*+	1.0	0.39	ug/L			09/30/22 18:08	1
Bromoform	ND		1.0	0.26	ug/L			09/30/22 18:08	1
Bromomethane	ND		1.0	0.69	ug/L			09/30/22 18:08	1
Carbon disulfide	ND		1.0	0.19	ug/L			09/30/22 18:08	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			09/30/22 18:08	1
Chlorobenzene	ND		1.0	0.75	ug/L			09/30/22 18:08	1
Chlorodibromomethane	ND	*+	1.0	0.32	ug/L			09/30/22 18:08	1
Chloroethane	ND		1.0	0.32	ug/L			09/30/22 18:08	1
Chloroform	ND		1.0	0.34	ug/L			09/30/22 18:08	1
Chloromethane	ND		1.0	0.35	ug/L			09/30/22 18:08	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			09/30/22 18:08	1
cis-1,3-Dichloropropene	ND	*+	1.0	0.36	ug/L			09/30/22 18:08	1
Cyclohexane	ND		1.0	0.18	ug/L			09/30/22 18:08	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			09/30/22 18:08	1
Ethylbenzene	ND		1.0	0.74	ug/L			09/30/22 18:08	1
Isopropylbenzene	ND	*+	1.0	0.79	ug/L			09/30/22 18:08	1
Methyl acetate	ND	*+	1.3	1.3	ug/L			09/30/22 18:08	1
Methyl tert-butyl ether	0.25	J *+	1.0	0.16	ug/L			09/30/22 18:08	1
Methylcyclohexane	ND		1.0	0.16	ug/L			09/30/22 18:08	1
Methylene Chloride	ND	*+	1.0	0.44	ug/L			09/30/22 18:08	1
Styrene	ND	*+	1.0	0.73	ug/L			09/30/22 18:08	1
Tetrachloroethene	ND	*+	1.0	0.36	ug/L			09/30/22 18:08	1
Toluene	ND		1.0	0.51	ug/L			09/30/22 18:08	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			09/30/22 18:08	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			09/30/22 18:08	1
Trichloroethene	ND		1.0	0.46	ug/L			09/30/22 18:08	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			09/30/22 18:08	1
Vinyl chloride	ND		1.0	0.90	ug/L			09/30/22 18:08	1
Xylenes, Total	ND		2.0	0.66	ug/L			09/30/22 18:08	1

Client: O'Brien & Gere Inc of North America
Project/Site: Forest Glen Monitoring

Job ID: 480-202113-1
SDG: 480-202113-1

Client Sample ID: MW8D 092822

Date Collected: 09/28/22 09:05
Date Received: 09/28/22 16:00

Lab Sample ID: 480-202113-8

Matrix: Water

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*98*		*77 - 120*		*09/30/22 18:08*	*1*
Toluene-d8 (Surr)	*82*		*80 - 120*		*09/30/22 18:08*	*1*
4-Bromofluorobenzene (Surr)	*87*		*73 - 120*		*09/30/22 18:08*	*1*
Dibromofluoromethane (Surr)	*95*		*75 - 123*		*09/30/22 18:08*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride (MCAWW 300.0)	**326**		2.5	1.4	mg/L			10/04/22 03:20	5
Sulfate (MCAWW 300.0)	**259**		10.0	1.7	mg/L			10/04/22 03:20	5
Alkalinity, Bicarbonate (MCAWW 310.2_ASP)	**345**		50.0	20.0	mg/L			10/02/22 14:41	5
Nitrate as N (EPA 353.2)	ND		0.050	0.020	mg/L			09/28/22 20:05	1
Nitrite as N (MCAWW 353.2)	ND		0.050	0.020	mg/L			09/28/22 20:05	1
Sulfide (SM 4500 S2 F)	ND		1.0	0.67	mg/L			09/30/22 10:35	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dissolved Organic Carbon - Duplicate (SM 5310C)	**16.4**		1.0	0.43	mg/L			10/04/22 01:55	1

Client Sample ID: MW7D 092822

Date Collected: 09/28/22 09:50
Date Received: 09/28/22 16:00

Lab Sample ID: 480-202113-9

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			09/30/22 18:30	1
1,1,2,2-Tetrachloroethane	ND	*+	1.0	0.21	ug/L			09/30/22 18:30	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			09/30/22 18:30	1
1,1,2-Trichlorotrifluoroethane	ND		1.0	0.31	ug/L			09/30/22 18:30	1
1,1-Dichloroethane	ND	*+	1.0	0.38	ug/L			09/30/22 18:30	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			09/30/22 18:30	1
1,2,4-Trichlorobenzene	ND	*+	1.0	0.41	ug/L			09/30/22 18:30	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			09/30/22 18:30	1
1,2-Dibromoethane (EDB)	ND	*+	1.0	0.73	ug/L			09/30/22 18:30	1
1,2-Dichlorobenzene	ND	*+	1.0	0.79	ug/L			09/30/22 18:30	1
1,2-Dichloroethane	ND	*+	1.0	0.21	ug/L			09/30/22 18:30	1
1,2-Dichloropropane	ND	*+	1.0	0.72	ug/L			09/30/22 18:30	1
1,3-Dichlorobenzene	ND	*+	1.0	0.78	ug/L			09/30/22 18:30	1
1,4-Dichlorobenzene	ND	*+	1.0	0.84	ug/L			09/30/22 18:30	1
2-Hexanone	ND		5.0	1.2	ug/L			09/30/22 18:30	1
2-Butanone (MEK)	ND	*+	10	1.3	ug/L			09/30/22 18:30	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			09/30/22 18:30	1
Acetone	ND		10	3.0	ug/L			09/30/22 18:30	1
Benzene	ND		1.0	0.41	ug/L			09/30/22 18:30	1
Bromodichloromethane	ND	*+	1.0	0.39	ug/L			09/30/22 18:30	1
Bromoform	ND		1.0	0.26	ug/L			09/30/22 18:30	1
Bromomethane	ND		1.0	0.69	ug/L			09/30/22 18:30	1
Carbon disulfide	ND		1.0	0.19	ug/L			09/30/22 18:30	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			09/30/22 18:30	1
Chlorobenzene	ND		1.0	0.75	ug/L			09/30/22 18:30	1
Chlorodibromomethane	ND	*+	1.0	0.32	ug/L			09/30/22 18:30	1
Chloroethane	ND		1.0	0.32	ug/L			09/30/22 18:30	1
Chloroform	ND		1.0	0.34	ug/L			09/30/22 18:30	1
Chloromethane	ND		1.0	0.35	ug/L			09/30/22 18:30	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			09/30/22 18:30	1
cis-1,3-Dichloropropene	ND	*+	1.0	0.36	ug/L			09/30/22 18:30	1
Cyclohexane	ND		1.0	0.18	ug/L			09/30/22 18:30	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			09/30/22 18:30	1
Ethylbenzene	ND		1.0	0.74	ug/L			09/30/22 18:30	1
Isopropylbenzene	ND	*+	1.0	0.79	ug/L			09/30/22 18:30	1
Methyl acetate	ND	*+	1.3	1.3	ug/L			09/30/22 18:30	1
Methyl tert-butyl ether	ND	*+	1.0	0.16	ug/L			09/30/22 18:30	1
Methylcyclohexane	ND		1.0	0.16	ug/L			09/30/22 18:30	1
Methylene Chloride	ND	*+	1.0	0.44	ug/L			09/30/22 18:30	1
Styrene	ND	*+	1.0	0.73	ug/L			09/30/22 18:30	1
Tetrachloroethene	0.37	J *+	1.0	0.36	ug/L			09/30/22 18:30	1
Toluene	ND		1.0	0.51	ug/L			09/30/22 18:30	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			09/30/22 18:30	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			09/30/22 18:30	1
Trichloroethene	0.97	J	1.0	0.46	ug/L			09/30/22 18:30	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			09/30/22 18:30	1
Vinyl chloride	ND		1.0	0.90	ug/L			09/30/22 18:30	1
Xylenes, Total	ND		2.0	0.66	ug/L			09/30/22 18:30	1

Client: O'Brien & Gere Inc of North America
Project/Site: Forest Glen Monitoring

Job ID: 480-202113-1
SDG: 480-202113-1

Client Sample ID: MW7D 092822

Date Collected: 09/28/22 09:50
Date Received: 09/28/22 16:00

Lab Sample ID: 480-202113-9

Matrix: Water

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*95*		*77 - 120*		*09/30/22 18:30*	*1*
Toluene-d8 (Surr)	*83*		*80 - 120*		*09/30/22 18:30*	*1*
4-Bromofluorobenzene (Surr)	*89*		*73 - 120*		*09/30/22 18:30*	*1*
Dibromofluoromethane (Surr)	*90*		*75 - 123*		*09/30/22 18:30*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride (MCAWW 300.0)	**9.0**		1.0	0.56	mg/L			10/04/22 03:39	2
Sulfate (MCAWW 300.0)	**66.1**		4.0	0.70	mg/L			10/04/22 03:39	2
Alkalinity, Bicarbonate (MCAWW 310.2_ASP)	**198**		20.0	8.0	mg/L			10/02/22 13:51	2
Nitrate as N (EPA 353.2)	**0.096**		0.050	0.020	mg/L			09/28/22 19:59	1
Nitrite as N (MCAWW 353.2)	ND		0.050	0.020	mg/L			09/28/22 22:24	1
Sulfide (SM 4500 S2 F)	ND		1.0	0.67	mg/L			09/30/22 10:35	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dissolved Organic Carbon - Duplicate (SM 5310C)	**14.1**		1.0	0.43	mg/L			10/04/22 02:12	1

Client Sample ID: X-1 092822

Date Collected: 09/28/22 00:00
Date Received: 09/28/22 16:00

Lab Sample ID: 480-202113-10

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			09/30/22 18:52	1
1,1,2,2-Tetrachloroethane	ND	*+	1.0	0.21	ug/L			09/30/22 18:52	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			09/30/22 18:52	1
1,1,2-Trichlorotrifluoroethane	ND		1.0	0.31	ug/L			09/30/22 18:52	1
1,1-Dichloroethane	ND	*+	1.0	0.38	ug/L			09/30/22 18:52	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			09/30/22 18:52	1
1,2,4-Trichlorobenzene	ND	*+	1.0	0.41	ug/L			09/30/22 18:52	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			09/30/22 18:52	1
1,2-Dibromoethane (EDB)	ND	*+	1.0	0.73	ug/L			09/30/22 18:52	1
1,2-Dichlorobenzene	ND	*+	1.0	0.79	ug/L			09/30/22 18:52	1
1,2-Dichloroethane	ND	*+	1.0	0.21	ug/L			09/30/22 18:52	1
1,2-Dichloropropane	ND	*+	1.0	0.72	ug/L			09/30/22 18:52	1
1,3-Dichlorobenzene	ND	*+	1.0	0.78	ug/L			09/30/22 18:52	1
1,4-Dichlorobenzene	ND	*+	1.0	0.84	ug/L			09/30/22 18:52	1
2-Hexanone	ND		5.0	1.2	ug/L			09/30/22 18:52	1
2-Butanone (MEK)	ND	*+	10	1.3	ug/L			09/30/22 18:52	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			09/30/22 18:52	1
Acetone	ND		10	3.0	ug/L			09/30/22 18:52	1
Benzene	ND		1.0	0.41	ug/L			09/30/22 18:52	1
Bromodichloromethane	ND	*+	1.0	0.39	ug/L			09/30/22 18:52	1
Bromoform	ND		1.0	0.26	ug/L			09/30/22 18:52	1
Bromomethane	ND		1.0	0.69	ug/L			09/30/22 18:52	1
Carbon disulfide	ND		1.0	0.19	ug/L			09/30/22 18:52	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			09/30/22 18:52	1
Chlorobenzene	ND		1.0	0.75	ug/L			09/30/22 18:52	1
Chlorodibromomethane	ND	*+	1.0	0.32	ug/L			09/30/22 18:52	1
Chloroethane	ND		1.0	0.32	ug/L			09/30/22 18:52	1
Chloroform	ND		1.0	0.34	ug/L			09/30/22 18:52	1
Chloromethane	ND		1.0	0.35	ug/L			09/30/22 18:52	1
cis-1,2-Dichloroethene	3.4		1.0	0.81	ug/L			09/30/22 18:52	1
cis-1,3-Dichloropropene	ND	*+	1.0	0.36	ug/L			09/30/22 18:52	1
Cyclohexane	ND		1.0	0.18	ug/L			09/30/22 18:52	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			09/30/22 18:52	1
Ethylbenzene	ND		1.0	0.74	ug/L			09/30/22 18:52	1
Isopropylbenzene	ND	*+	1.0	0.79	ug/L			09/30/22 18:52	1
Methyl acetate	ND	*+	1.3	1.3	ug/L			09/30/22 18:52	1
Methyl tert-butyl ether	ND	*+	1.0	0.16	ug/L			09/30/22 18:52	1
Methylcyclohexane	ND		1.0	0.16	ug/L			09/30/22 18:52	1
Methylene Chloride	ND	*+	1.0	0.44	ug/L			09/30/22 18:52	1
Styrene	ND	*+	1.0	0.73	ug/L			09/30/22 18:52	1
Tetrachloroethene	0.77	J *+	1.0	0.36	ug/L			09/30/22 18:52	1
Toluene	ND		1.0	0.51	ug/L			09/30/22 18:52	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			09/30/22 18:52	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			09/30/22 18:52	1
Trichloroethene	3.5		1.0	0.46	ug/L			09/30/22 18:52	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			09/30/22 18:52	1
Vinyl chloride	ND		1.0	0.90	ug/L			09/30/22 18:52	1
Xylenes, Total	ND		2.0	0.66	ug/L			09/30/22 18:52	1

Client Sample ID: X-1 092822

Date Collected: 09/28/22 00:00
Date Received: 09/28/22 16:00

Lab Sample ID: 480-202113-10

Matrix: Water

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*101*		*77 - 120*		*09/30/22 18:52*	*1*
Toluene-d8 (Surr)	*86*		*80 - 120*		*09/30/22 18:52*	*1*
4-Bromofluorobenzene (Surr)	*87*		*73 - 120*		*09/30/22 18:52*	*1*
Dibromofluoromethane (Surr)	*97*		*75 - 123*		*09/30/22 18:52*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride (MCAWW 300.0)	**4.6**		1.0	0.56	mg/L			10/04/22 05:37	2
Sulfate (MCAWW 300.0)	**61.6**		4.0	0.70	mg/L			10/04/22 05:37	2
Alkalinity, Bicarbonate (MCAWW 310.2_ASP)	**221**		50.0	20.0	mg/L			10/02/22 14:41	5
Nitrate as N (EPA 353.2)	**0.021**	**J**	0.050	0.020	mg/L			09/28/22 20:06	1
Nitrite as N (MCAWW 353.2)	ND		0.050	0.020	mg/L			09/28/22 20:06	1
Sulfide (SM 4500 S2 F)	ND		1.0	0.67	mg/L			09/30/22 10:35	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dissolved Organic Carbon - Duplicate (SM 5310C)	**5.1**		1.0	0.43	mg/L			10/04/22 02:27	1

Client: O'Brien & Gere Inc of North America
Project/Site: Forest Glen Monitoring

Job ID: 480-202113-1
SDG: 480-202113-1

Client Sample ID: MW8S 092822
Date Collected: 09/28/22 10:30
Date Received: 09/28/22 16:00

Lab Sample ID: 480-202113-11
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			09/30/22 19:14	1
1,1,2,2-Tetrachloroethane	ND	*+	1.0	0.21	ug/L			09/30/22 19:14	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			09/30/22 19:14	1
1,1,2-Trichlorotrifluoroethane	ND		1.0	0.31	ug/L			09/30/22 19:14	1
1,1-Dichloroethane	ND	*+	1.0	0.38	ug/L			09/30/22 19:14	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			09/30/22 19:14	1
1,2,4-Trichlorobenzene	ND	*+	1.0	0.41	ug/L			09/30/22 19:14	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			09/30/22 19:14	1
1,2-Dibromoethane (EDB)	ND	*+	1.0	0.73	ug/L			09/30/22 19:14	1
1,2-Dichlorobenzene	ND	*+	1.0	0.79	ug/L			09/30/22 19:14	1
1,2-Dichloroethane	ND	*+	1.0	0.21	ug/L			09/30/22 19:14	1
1,2-Dichloropropane	ND	*+	1.0	0.72	ug/L			09/30/22 19:14	1
1,3-Dichlorobenzene	ND	*+	1.0	0.78	ug/L			09/30/22 19:14	1
1,4-Dichlorobenzene	ND	*+	1.0	0.84	ug/L			09/30/22 19:14	1
2-Hexanone	ND		5.0	1.2	ug/L			09/30/22 19:14	1
2-Butanone (MEK)	ND	*+	10	1.3	ug/L			09/30/22 19:14	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			09/30/22 19:14	1
Acetone	ND		10	3.0	ug/L			09/30/22 19:14	1
Benzene	ND		1.0	0.41	ug/L			09/30/22 19:14	1
Bromodichloromethane	ND	*+	1.0	0.39	ug/L			09/30/22 19:14	1
Bromoform	ND		1.0	0.26	ug/L			09/30/22 19:14	1
Bromomethane	ND		1.0	0.69	ug/L			09/30/22 19:14	1
Carbon disulfide	ND		1.0	0.19	ug/L			09/30/22 19:14	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			09/30/22 19:14	1
Chlorobenzene	ND		1.0	0.75	ug/L			09/30/22 19:14	1
Chlorodibromomethane	ND	*+	1.0	0.32	ug/L			09/30/22 19:14	1
Chloroethane	ND		1.0	0.32	ug/L			09/30/22 19:14	1
Chloroform	ND		1.0	0.34	ug/L			09/30/22 19:14	1
Chloromethane	ND		1.0	0.35	ug/L			09/30/22 19:14	1
cis-1,2-Dichloroethene	**2.9**		1.0	0.81	ug/L			09/30/22 19:14	1
cis-1,3-Dichloropropene	ND	*+	1.0	0.36	ug/L			09/30/22 19:14	1
Cyclohexane	ND		1.0	0.18	ug/L			09/30/22 19:14	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			09/30/22 19:14	1
Ethylbenzene	ND		1.0	0.74	ug/L			09/30/22 19:14	1
Isopropylbenzene	ND	*+	1.0	0.79	ug/L			09/30/22 19:14	1
Methyl acetate	ND	*+	1.3	1.3	ug/L			09/30/22 19:14	1
Methyl tert-butyl ether	ND	*+	1.0	0.16	ug/L			09/30/22 19:14	1
Methylcyclohexane	ND		1.0	0.16	ug/L			09/30/22 19:14	1
Methylene Chloride	ND	*+	1.0	0.44	ug/L			09/30/22 19:14	1
Styrene	ND	*+	1.0	0.73	ug/L			09/30/22 19:14	1
Tetrachloroethene	**0.61**	**J *+**	1.0	0.36	ug/L			09/30/22 19:14	1
Toluene	ND		1.0	0.51	ug/L			09/30/22 19:14	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			09/30/22 19:14	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			09/30/22 19:14	1
Trichloroethene	**3.1**		1.0	0.46	ug/L			09/30/22 19:14	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			09/30/22 19:14	1
Vinyl chloride	ND		1.0	0.90	ug/L			09/30/22 19:14	1
Xylenes, Total	ND		2.0	0.66	ug/L			09/30/22 19:14	1

Client: O'Brien & Gere Inc of North America
Project/Site: Forest Glen Monitoring

Job ID: 480-202113-1
SDG: 480-202113-1

Client Sample ID: MW8S 092822
Date Collected: 09/28/22 10:30
Date Received: 09/28/22 16:00

Lab Sample ID: 480-202113-11
Matrix: Water

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*102*		*77 - 120*		*09/30/22 19:14*	*1*
Toluene-d8 (Surr)	*85*		*80 - 120*		*09/30/22 19:14*	*1*
4-Bromofluorobenzene (Surr)	*86*		*73 - 120*		*09/30/22 19:14*	*1*
Dibromofluoromethane (Surr)	*96*		*75 - 123*		*09/30/22 19:14*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride (MCAWW 300.0)	**4.5**		1.0	0.56	mg/L			10/04/22 05:56	2
Sulfate (MCAWW 300.0)	**61.5**		4.0	0.70	mg/L			10/04/22 05:56	2
Alkalinity, Bicarbonate (MCAWW 310.2_ASP)	**214**		50.0	20.0	mg/L			10/02/22 14:41	5
Nitrate as N (EPA 353.2)	**0.031**	**J**	0.050	0.020	mg/L			09/28/22 20:14	1
Nitrite as N (MCAWW 353.2)	ND		0.050	0.020	mg/L			09/28/22 20:14	1
Sulfide (SM 4500 S2 F)	ND		1.0	0.67	mg/L			09/30/22 10:35	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dissolved Organic Carbon - Duplicate (SM 5310C)	**5.1**		1.0	0.43	mg/L			10/04/22 04:03	1

Client: O'Brien & Gere Inc of North America
Project/Site: Forest Glen Monitoring

Job ID: 480-202113-1
SDG: 480-202113-1

Client Sample ID: MW7S 092822
Date Collected: 09/28/22 11:25
Date Received: 09/28/22 16:00

Lab Sample ID: 480-202113-12
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			09/30/22 19:36	1
1,1,2,2-Tetrachloroethane	ND	*+	1.0	0.21	ug/L			09/30/22 19:36	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			09/30/22 19:36	1
1,1,2-Trichlorotrifluoroethane	ND		1.0	0.31	ug/L			09/30/22 19:36	1
1,1-Dichloroethane	ND	*+	1.0	0.38	ug/L			09/30/22 19:36	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			09/30/22 19:36	1
1,2,4-Trichlorobenzene	ND	*+	1.0	0.41	ug/L			09/30/22 19:36	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			09/30/22 19:36	1
1,2-Dibromoethane (EDB)	ND	*+	1.0	0.73	ug/L			09/30/22 19:36	1
1,2-Dichlorobenzene	ND	*+	1.0	0.79	ug/L			09/30/22 19:36	1
1,2-Dichloroethane	ND	*+	1.0	0.21	ug/L			09/30/22 19:36	1
1,2-Dichloropropane	ND	*+	1.0	0.72	ug/L			09/30/22 19:36	1
1,3-Dichlorobenzene	ND	*+	1.0	0.78	ug/L			09/30/22 19:36	1
1,4-Dichlorobenzene	ND	*+	1.0	0.84	ug/L			09/30/22 19:36	1
2-Hexanone	ND		5.0	1.2	ug/L			09/30/22 19:36	1
2-Butanone (MEK)	ND	*+	10	1.3	ug/L			09/30/22 19:36	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			09/30/22 19:36	1
Acetone	ND		10	3.0	ug/L			09/30/22 19:36	1
Benzene	ND		1.0	0.41	ug/L			09/30/22 19:36	1
Bromodichloromethane	ND	*+	1.0	0.39	ug/L			09/30/22 19:36	1
Bromoform	ND		1.0	0.26	ug/L			09/30/22 19:36	1
Bromomethane	ND		1.0	0.69	ug/L			09/30/22 19:36	1
Carbon disulfide	ND		1.0	0.19	ug/L			09/30/22 19:36	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			09/30/22 19:36	1
Chlorobenzene	ND		1.0	0.75	ug/L			09/30/22 19:36	1
Chlorodibromomethane	ND	*+	1.0	0.32	ug/L			09/30/22 19:36	1
Chloroethane	ND		1.0	0.32	ug/L			09/30/22 19:36	1
Chloroform	ND		1.0	0.34	ug/L			09/30/22 19:36	1
Chloromethane	ND		1.0	0.35	ug/L			09/30/22 19:36	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			09/30/22 19:36	1
cis-1,3-Dichloropropene	ND	*+	1.0	0.36	ug/L			09/30/22 19:36	1
Cyclohexane	ND		1.0	0.18	ug/L			09/30/22 19:36	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			09/30/22 19:36	1
Ethylbenzene	ND		1.0	0.74	ug/L			09/30/22 19:36	1
Isopropylbenzene	ND	*+	1.0	0.79	ug/L			09/30/22 19:36	1
Methyl acetate	ND	*+	1.3	1.3	ug/L			09/30/22 19:36	1
Methyl tert-butyl ether	ND	*+	1.0	0.16	ug/L			09/30/22 19:36	1
Methylcyclohexane	ND		1.0	0.16	ug/L			09/30/22 19:36	1
Methylene Chloride	ND	*+	1.0	0.44	ug/L			09/30/22 19:36	1
Styrene	ND	*+	1.0	0.73	ug/L			09/30/22 19:36	1
Tetrachloroethene	**0.60**	**J *+**	1.0	0.36	ug/L			09/30/22 19:36	1
Toluene	ND		1.0	0.51	ug/L			09/30/22 19:36	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			09/30/22 19:36	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			09/30/22 19:36	1
Trichloroethene	**1.4**		1.0	0.46	ug/L			09/30/22 19:36	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			09/30/22 19:36	1
Vinyl chloride	ND		1.0	0.90	ug/L			09/30/22 19:36	1
Xylenes, Total	ND		2.0	0.66	ug/L			09/30/22 19:36	1

Client: O'Brien & Gere Inc of North America
Project/Site: Forest Glen Monitoring

Job ID: 480-202113-1
SDG: 480-202113-1

Client Sample ID: MW7S 092822
Date Collected: 09/28/22 11:25
Date Received: 09/28/22 16:00

Lab Sample ID: 480-202113-12
Matrix: Water

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*96*		*77 - 120*		*09/30/22 19:36*	*1*
Toluene-d8 (Surr)	*84*		*80 - 120*		*09/30/22 19:36*	*1*
4-Bromofluorobenzene (Surr)	*87*		*73 - 120*		*09/30/22 19:36*	*1*
Dibromofluoromethane (Surr)	*90*		*75 - 123*		*09/30/22 19:36*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride (MCAWW 300.0)	**9.3**		1.0	0.56	mg/L			10/04/22 06:16	2
Sulfate (MCAWW 300.0)	**62.2**		4.0	0.70	mg/L			10/04/22 06:16	2
Alkalinity, Bicarbonate (MCAWW 310.2_ASP)	**195**		20.0	8.0	mg/L			10/02/22 13:56	2
Nitrate as N (EPA 353.2)	**0.048**	**J**	0.050	0.020	mg/L			09/28/22 20:16	1
Nitrite as N (MCAWW 353.2)	**0.033**	**J**	0.050	0.020	mg/L			09/28/22 22:33	1
Sulfide (SM 4500 S2 F)	ND		1.0	0.67	mg/L			09/30/22 10:35	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dissolved Organic Carbon - Duplicate (SM 5310C)	**28.9**		1.0	0.43	mg/L			10/04/22 04:20	1

Client Sample ID: MW8DD 092822

Date Collected: 09/28/22 12:55
Date Received: 09/28/22 16:00

Lab Sample ID: 480-202113-13

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND	F1	1.0	0.82	ug/L			09/30/22 19:58	1
1,1,2,2-Tetrachloroethane	ND	*+ F1	1.0	0.21	ug/L			09/30/22 19:58	1
1,1,2-Trichloroethane	ND	F1	1.0	0.23	ug/L			09/30/22 19:58	1
1,1,2-Trichlorotrifluoroethane	ND	F1	1.0	0.31	ug/L			09/30/22 19:58	1
1,1-Dichloroethane	ND	*+ F1	1.0	0.38	ug/L			09/30/22 19:58	1
1,1-Dichloroethene	ND	F1	1.0	0.29	ug/L			09/30/22 19:58	1
1,2,4-Trichlorobenzene	ND	*+ F1	1.0	0.41	ug/L			09/30/22 19:58	1
1,2-Dibromo-3-Chloropropane	ND	F1	1.0	0.39	ug/L			09/30/22 19:58	1
1,2-Dibromoethane (EDB)	ND	*+ F1	1.0	0.73	ug/L			09/30/22 19:58	1
1,2-Dichlorobenzene	ND	*+ F1	1.0	0.79	ug/L			09/30/22 19:58	1
1,2-Dichloroethane	ND	*+ F1	1.0	0.21	ug/L			09/30/22 19:58	1
1,2-Dichloropropane	ND	*+ F1	1.0	0.72	ug/L			09/30/22 19:58	1
1,3-Dichlorobenzene	ND	*+ F1	1.0	0.78	ug/L			09/30/22 19:58	1
1,4-Dichlorobenzene	ND	*+ F1	1.0	0.84	ug/L			09/30/22 19:58	1
2-Hexanone	ND	F1	5.0	1.2	ug/L			09/30/22 19:58	1
2-Butanone (MEK)	ND	*+ F1	10	1.3	ug/L			09/30/22 19:58	1
4-Methyl-2-pentanone (MIBK)	ND	F1	5.0	2.1	ug/L			09/30/22 19:58	1
Acetone	ND	F1	10	3.0	ug/L			09/30/22 19:58	1
Benzene	ND	F1	1.0	0.41	ug/L			09/30/22 19:58	1
Bromodichloromethane	ND	*+ F1	1.0	0.39	ug/L			09/30/22 19:58	1
Bromoform	ND	F1	1.0	0.26	ug/L			09/30/22 19:58	1
Bromomethane	ND	F1 F2	1.0	0.69	ug/L			09/30/22 19:58	1
Carbon disulfide	ND	F1	1.0	0.19	ug/L			09/30/22 19:58	1
Carbon tetrachloride	ND	F1	1.0	0.27	ug/L			09/30/22 19:58	1
Chlorobenzene	ND	F1	1.0	0.75	ug/L			09/30/22 19:58	1
Chlorodibromomethane	ND	*+ F1	1.0	0.32	ug/L			09/30/22 19:58	1
Chloroethane	ND	F1	1.0	0.32	ug/L			09/30/22 19:58	1
Chloroform	ND	F1	1.0	0.34	ug/L			09/30/22 19:58	1
Chloromethane	ND	F1	1.0	0.35	ug/L			09/30/22 19:58	1
cis-1,2-Dichloroethene	ND	F1	1.0	0.81	ug/L			09/30/22 19:58	1
cis-1,3-Dichloropropene	ND	*+ F1	1.0	0.36	ug/L			09/30/22 19:58	1
Cyclohexane	ND	F1	1.0	0.18	ug/L			09/30/22 19:58	1
Dichlorodifluoromethane	ND	F1	1.0	0.68	ug/L			09/30/22 19:58	1
Ethylbenzene	ND	F1	1.0	0.74	ug/L			09/30/22 19:58	1
Isopropylbenzene	ND	*+ F1	1.0	0.79	ug/L			09/30/22 19:58	1
Methyl acetate	ND	*+ F1	1.3	1.3	ug/L			09/30/22 19:58	1
Methyl tert-butyl ether	**0.25**	**J *+ F1**	1.0	0.16	ug/L			09/30/22 19:58	1
Methylcyclohexane	ND	F1	1.0	0.16	ug/L			09/30/22 19:58	1
Methylene Chloride	ND	*+ F1	1.0	0.44	ug/L			09/30/22 19:58	1
Styrene	ND	*+ F1	1.0	0.73	ug/L			09/30/22 19:58	1
Tetrachloroethene	ND	*+ F1	1.0	0.36	ug/L			09/30/22 19:58	1
Toluene	ND	F1	1.0	0.51	ug/L			09/30/22 19:58	1
trans-1,2-Dichloroethene	ND	F1	1.0	0.90	ug/L			09/30/22 19:58	1
trans-1,3-Dichloropropene	ND	F1	1.0	0.37	ug/L			09/30/22 19:58	1
Trichloroethene	ND	F1	1.0	0.46	ug/L			09/30/22 19:58	1
Trichlorofluoromethane	ND	F1	1.0	0.88	ug/L			09/30/22 19:58	1
Vinyl chloride	**0.90**	**J F1**	1.0	0.90	ug/L			09/30/22 19:58	1
Xylenes, Total	ND	F1	2.0	0.66	ug/L			09/30/22 19:58	1

Client: O'Brien & Gere Inc of North America
Project/Site: Forest Glen Monitoring

Job ID: 480-202113-1
SDG: 480-202113-1

Client Sample ID: MW8DD 092822

Date Collected: 09/28/22 12:55
Date Received: 09/28/22 16:00

Lab Sample ID: 480-202113-13

Matrix: Water

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*96*		*77 - 120*		*09/30/22 19:58*	*1*
Toluene-d8 (Surr)	*85*		*80 - 120*		*09/30/22 19:58*	*1*
4-Bromofluorobenzene (Surr)	*90*		*73 - 120*		*09/30/22 19:58*	*1*
Dibromofluoromethane (Surr)	*92*		*75 - 123*		*09/30/22 19:58*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride (MCAWW 300.0)	**294**	**F1**	2.5	1.4	mg/L			10/04/22 03:59	5
Sulfate (MCAWW 300.0)	**335**	**F1**	10.0	1.7	mg/L			10/04/22 03:59	5
Alkalinity, Bicarbonate (MCAWW 310.2_ASP)	**288**	**B**	50.0	20.0	mg/L			10/02/22 11:15	5
Nitrate as N (EPA 353.2)	ND		0.050	0.020	mg/L			09/28/22 20:10	1
Nitrite as N (MCAWW 353.2)	ND		0.050	0.020	mg/L			09/28/22 22:28	1
Sulfide (SM 4500 S2 F)	ND		1.0	0.67	mg/L			09/30/22 10:35	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dissolved Organic Carbon - Duplicate (SM 5310C)	**6.9**		1.0	0.43	mg/L			10/04/22 03:15	1

Client: O'Brien & Gere Inc of North America
Project/Site: Forest Glen Monitoring

Job ID: 480-202113-1
SDG: 480-202113-1

Client Sample ID: MW7DD 092822
Date Collected: 09/28/22 13:50
Date Received: 09/28/22 16:00

Lab Sample ID: 480-202113-14
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			09/30/22 20:20	1
1,1,2,2-Tetrachloroethane	ND	*+	1.0	0.21	ug/L			09/30/22 20:20	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			09/30/22 20:20	1
1,1,2-Trichlorotrifluoroethane	ND		1.0	0.31	ug/L			09/30/22 20:20	1
1,1-Dichloroethane	ND	*+	1.0	0.38	ug/L			09/30/22 20:20	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			09/30/22 20:20	1
1,2,4-Trichlorobenzene	ND	*+	1.0	0.41	ug/L			09/30/22 20:20	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			09/30/22 20:20	1
1,2-Dibromoethane (EDB)	ND	*+	1.0	0.73	ug/L			09/30/22 20:20	1
1,2-Dichlorobenzene	ND	*+	1.0	0.79	ug/L			09/30/22 20:20	1
1,2-Dichloroethane	ND	*+	1.0	0.21	ug/L			09/30/22 20:20	1
1,2-Dichloropropane	ND	*+	1.0	0.72	ug/L			09/30/22 20:20	1
1,3-Dichlorobenzene	ND	*+	1.0	0.78	ug/L			09/30/22 20:20	1
1,4-Dichlorobenzene	ND	*+	1.0	0.84	ug/L			09/30/22 20:20	1
2-Hexanone	ND		5.0	1.2	ug/L			09/30/22 20:20	1
2-Butanone (MEK)	ND	*+	10	1.3	ug/L			09/30/22 20:20	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			09/30/22 20:20	1
Acetone	ND		10	3.0	ug/L			09/30/22 20:20	1
Benzene	ND		1.0	0.41	ug/L			09/30/22 20:20	1
Bromodichloromethane	ND	*+	1.0	0.39	ug/L			09/30/22 20:20	1
Bromoform	ND		1.0	0.26	ug/L			09/30/22 20:20	1
Bromomethane	ND		1.0	0.69	ug/L			09/30/22 20:20	1
Carbon disulfide	ND		1.0	0.19	ug/L			09/30/22 20:20	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			09/30/22 20:20	1
Chlorobenzene	ND		1.0	0.75	ug/L			09/30/22 20:20	1
Chlorodibromomethane	ND	*+	1.0	0.32	ug/L			09/30/22 20:20	1
Chloroethane	ND		1.0	0.32	ug/L			09/30/22 20:20	1
Chloroform	ND		1.0	0.34	ug/L			09/30/22 20:20	1
Chloromethane	ND		1.0	0.35	ug/L			09/30/22 20:20	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			09/30/22 20:20	1
cis-1,3-Dichloropropene	ND	*+	1.0	0.36	ug/L			09/30/22 20:20	1
Cyclohexane	ND		1.0	0.18	ug/L			09/30/22 20:20	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			09/30/22 20:20	1
Ethylbenzene	ND		1.0	0.74	ug/L			09/30/22 20:20	1
Isopropylbenzene	ND	*+	1.0	0.79	ug/L			09/30/22 20:20	1
Methyl acetate	ND	*+	1.3	1.3	ug/L			09/30/22 20:20	1
Methyl tert-butyl ether	ND	*+	1.0	0.16	ug/L			09/30/22 20:20	1
Methylcyclohexane	ND		1.0	0.16	ug/L			09/30/22 20:20	1
Methylene Chloride	ND	*+	1.0	0.44	ug/L			09/30/22 20:20	1
Styrene	ND	*+	1.0	0.73	ug/L			09/30/22 20:20	1
Tetrachloroethene	ND	*+	1.0	0.36	ug/L			09/30/22 20:20	1
Toluene	ND		1.0	0.51	ug/L			09/30/22 20:20	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			09/30/22 20:20	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			09/30/22 20:20	1
Trichloroethene	ND		1.0	0.46	ug/L			09/30/22 20:20	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			09/30/22 20:20	1
Vinyl chloride	ND		1.0	0.90	ug/L			09/30/22 20:20	1
Xylenes, Total	ND		2.0	0.66	ug/L			09/30/22 20:20	1

Client: O'Brien & Gere Inc of North America
Project/Site: Forest Glen Monitoring

Job ID: 480-202113-1
SDG: 480-202113-1

Client Sample ID: MW7DD 092822

Date Collected: 09/28/22 13:50
Date Received: 09/28/22 16:00

Lab Sample ID: 480-202113-14

Matrix: Water

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*96*		*77 - 120*		*09/30/22 20:20*	*1*
Toluene-d8 (Surr)	*84*		*80 - 120*		*09/30/22 20:20*	*1*
4-Bromofluorobenzene (Surr)	*94*		*73 - 120*		*09/30/22 20:20*	*1*
Dibromofluoromethane (Surr)	*95*		*75 - 123*		*09/30/22 20:20*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride (MCAWW 300.0)	**43.3**		2.5	1.4	mg/L			10/04/22 06:36	5
Sulfate (MCAWW 300.0)	**302**		10.0	1.7	mg/L			10/04/22 06:36	5
Alkalinity, Bicarbonate (MCAWW 310.2_ASP)	**254**		50.0	20.0	mg/L			10/02/22 14:42	5
Nitrate as N (EPA 353.2)	ND		0.050	0.020	mg/L			09/28/22 20:17	1
Nitrite as N (MCAWW 353.2)	ND		0.050	0.020	mg/L			09/28/22 20:17	1
Sulfide (SM 4500 S2 F)	ND		1.0	0.67	mg/L			09/30/22 10:35	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dissolved Organic Carbon - Duplicate (SM 5310C)	**38.2**		1.0	0.43	mg/L			10/04/22 04:36	1

Client: O'Brien & Gere Inc of North America
Project/Site: Forest Glen Monitoring

Job ID: 480-202113-1
SDG: 480-202113-1

Client Sample ID: TRIP BLANK
Date Collected: 09/28/22 00:00
Date Received: 09/28/22 16:00

Lab Sample ID: 480-202113-15
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			09/30/22 20:42	1
1,1,2,2-Tetrachloroethane	ND	*+	1.0	0.21	ug/L			09/30/22 20:42	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			09/30/22 20:42	1
1,1,2-Trichlorotrifluoroethane	ND		1.0	0.31	ug/L			09/30/22 20:42	1
1,1-Dichloroethane	ND	*+	1.0	0.38	ug/L			09/30/22 20:42	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			09/30/22 20:42	1
1,2,4-Trichlorobenzene	ND	*+	1.0	0.41	ug/L			09/30/22 20:42	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			09/30/22 20:42	1
1,2-Dibromoethane (EDB)	ND	*+	1.0	0.73	ug/L			09/30/22 20:42	1
1,2-Dichlorobenzene	ND	*+	1.0	0.79	ug/L			09/30/22 20:42	1
1,2-Dichloroethane	ND	*+	1.0	0.21	ug/L			09/30/22 20:42	1
1,2-Dichloropropane	ND	*+	1.0	0.72	ug/L			09/30/22 20:42	1
1,3-Dichlorobenzene	ND	*+	1.0	0.78	ug/L			09/30/22 20:42	1
1,4-Dichlorobenzene	ND	*+	1.0	0.84	ug/L			09/30/22 20:42	1
2-Hexanone	ND		5.0	1.2	ug/L			09/30/22 20:42	1
2-Butanone (MEK)	ND	*+	10	1.3	ug/L			09/30/22 20:42	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			09/30/22 20:42	1
Acetone	ND		10	3.0	ug/L			09/30/22 20:42	1
Benzene	ND		1.0	0.41	ug/L			09/30/22 20:42	1
Bromodichloromethane	ND	*+	1.0	0.39	ug/L			09/30/22 20:42	1
Bromoform	ND		1.0	0.26	ug/L			09/30/22 20:42	1
Bromomethane	ND		1.0	0.69	ug/L			09/30/22 20:42	1
Carbon disulfide	ND		1.0	0.19	ug/L			09/30/22 20:42	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			09/30/22 20:42	1
Chlorobenzene	ND		1.0	0.75	ug/L			09/30/22 20:42	1
Chlorodibromomethane	ND	*+	1.0	0.32	ug/L			09/30/22 20:42	1
Chloroethane	ND		1.0	0.32	ug/L			09/30/22 20:42	1
Chloroform	ND		1.0	0.34	ug/L			09/30/22 20:42	1
Chloromethane	ND		1.0	0.35	ug/L			09/30/22 20:42	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			09/30/22 20:42	1
cis-1,3-Dichloropropene	ND	*+	1.0	0.36	ug/L			09/30/22 20:42	1
Cyclohexane	ND		1.0	0.18	ug/L			09/30/22 20:42	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			09/30/22 20:42	1
Ethylbenzene	ND		1.0	0.74	ug/L			09/30/22 20:42	1
Isopropylbenzene	ND	*+	1.0	0.79	ug/L			09/30/22 20:42	1
Methyl acetate	ND	*+	1.3	1.3	ug/L			09/30/22 20:42	1
Methyl tert-butyl ether	ND	*+	1.0	0.16	ug/L			09/30/22 20:42	1
Methylcyclohexane	ND		1.0	0.16	ug/L			09/30/22 20:42	1
Methylene Chloride	ND	*+	1.0	0.44	ug/L			09/30/22 20:42	1
Styrene	ND	*+	1.0	0.73	ug/L			09/30/22 20:42	1
Tetrachloroethene	ND	*+	1.0	0.36	ug/L			09/30/22 20:42	1
Toluene	ND		1.0	0.51	ug/L			09/30/22 20:42	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			09/30/22 20:42	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			09/30/22 20:42	1
Trichloroethene	ND		1.0	0.46	ug/L			09/30/22 20:42	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			09/30/22 20:42	1
Vinyl chloride	ND		1.0	0.90	ug/L			09/30/22 20:42	1
Xylenes, Total	ND		2.0	0.66	ug/L			09/30/22 20:42	1

Client: O'Brien & Gere Inc of North America
Project/Site: Forest Glen Monitoring

Job ID: 480-202113-1
SDG: 480-202113-1

Client Sample ID: TRIP BLANK
Date Collected: 09/28/22 00:00
Date Received: 09/28/22 16:00

Lab Sample ID: 480-202113-15
Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	97		77 - 120		09/30/22 20:42	1
Toluene-d8 (Surr)	81		80 - 120		09/30/22 20:42	1
4-Bromofluorobenzene (Surr)	90		73 - 120		09/30/22 20:42	1
Dibromofluoromethane (Surr)	96		75 - 123		09/30/22 20:42	1

Client Sample ID: MW10D 092922

Date Collected: 09/29/22 09:30
Date Received: 09/29/22 13:35

Lab Sample ID: 480-202150-1

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			10/04/22 14:26	1
1,1,2,2-Tetrachloroethane	ND	*+	1.0	0.21	ug/L			10/04/22 14:26	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			10/04/22 14:26	1
1,1,2-Trichlorotrifluoroethane	ND		1.0	0.31	ug/L			10/04/22 14:26	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			10/04/22 14:26	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			10/04/22 14:26	1
1,2,4-Trichlorobenzene	ND	*+	1.0	0.41	ug/L			10/04/22 14:26	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			10/04/22 14:26	1
1,2-Dibromoethane (EDB)	ND	*+	1.0	0.73	ug/L			10/04/22 14:26	1
1,2-Dichlorobenzene	ND	*+	1.0	0.79	ug/L			10/04/22 14:26	1
1,2-Dichloroethane	ND	*+	1.0	0.21	ug/L			10/04/22 14:26	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			10/04/22 14:26	1
1,3-Dichlorobenzene	ND	*+	1.0	0.78	ug/L			10/04/22 14:26	1
1,4-Dichlorobenzene	ND	*+	1.0	0.84	ug/L			10/04/22 14:26	1
2-Hexanone	ND		5.0	1.2	ug/L			10/04/22 14:26	1
2-Butanone (MEK)	ND		10	1.3	ug/L			10/04/22 14:26	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			10/04/22 14:26	1
Acetone	ND		10	3.0	ug/L			10/04/22 14:26	1
Benzene	ND		1.0	0.41	ug/L			10/04/22 14:26	1
Bromodichloromethane	ND		1.0	0.39	ug/L			10/04/22 14:26	1
Bromoform	ND		1.0	0.26	ug/L			10/04/22 14:26	1
Bromomethane	ND		1.0	0.69	ug/L			10/04/22 14:26	1
Carbon disulfide	ND		1.0	0.19	ug/L			10/04/22 14:26	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			10/04/22 14:26	1
Chlorobenzene	ND		1.0	0.75	ug/L			10/04/22 14:26	1
Chlorodibromomethane	ND		1.0	0.32	ug/L			10/04/22 14:26	1
Chloroethane	ND		1.0	0.32	ug/L			10/04/22 14:26	1
Chloroform	ND		1.0	0.34	ug/L			10/04/22 14:26	1
Chloromethane	ND		1.0	0.35	ug/L			10/04/22 14:26	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			10/04/22 14:26	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			10/04/22 14:26	1
Cyclohexane	ND		1.0	0.18	ug/L			10/04/22 14:26	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			10/04/22 14:26	1
Ethylbenzene	ND		1.0	0.74	ug/L			10/04/22 14:26	1
Isopropylbenzene	ND		1.0	0.79	ug/L			10/04/22 14:26	1
Methyl acetate	ND		1.3	1.3	ug/L			10/04/22 14:26	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			10/04/22 14:26	1
Methylcyclohexane	ND		1.0	0.16	ug/L			10/04/22 14:26	1
Methylene Chloride	ND	*+	1.0	0.44	ug/L			10/04/22 14:26	1
Styrene	ND	*+	1.0	0.73	ug/L			10/04/22 14:26	1
Tetrachloroethene	ND		1.0	0.36	ug/L			10/04/22 14:26	1
Toluene	ND		1.0	0.51	ug/L			10/04/22 14:26	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			10/04/22 14:26	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			10/04/22 14:26	1
Trichloroethene	ND		1.0	0.46	ug/L			10/04/22 14:26	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			10/04/22 14:26	1
Vinyl chloride	ND		1.0	0.90	ug/L			10/04/22 14:26	1
Xylenes, Total	ND		2.0	0.66	ug/L			10/04/22 14:26	1

Client: O'Brien & Gere Inc of North America
Project/Site: Forest Glen Monitoring

Job ID: 480-202113-1
SDG: 480-202113-1

Client Sample ID: MW10D 092922

Date Collected: 09/29/22 09:30
Date Received: 09/29/22 13:35

Lab Sample ID: 480-202150-1

Matrix: Water

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*93*		*77 - 120*		*10/04/22 14:26*	*1*
Toluene-d8 (Surr)	*82*		*80 - 120*		*10/04/22 14:26*	*1*
4-Bromofluorobenzene (Surr)	*82*		*73 - 120*		*10/04/22 14:26*	*1*
Dibromofluoromethane (Surr)	*89*		*75 - 123*		*10/04/22 14:26*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride (MCAWW 300.0)	**369**		2.5	1.4	mg/L			10/04/22 23:56	5
Sulfate (MCAWW 300.0)	**236**		10.0	1.7	mg/L			10/04/22 23:56	5
Alkalinity, Bicarbonate (MCAWW 310.2_ASP)	**293**	**B**	50.0	20.0	mg/L			10/06/22 13:30	5
Nitrate as N (EPA 353.2)	**0.025**	**J**	0.050	0.020	mg/L			09/29/22 22:19	1
Nitrite as N (MCAWW 353.2)	ND		0.050	0.020	mg/L			09/29/22 22:19	1
Sulfide (SM 4500 S2 F)	ND		1.0	0.67	mg/L			10/03/22 11:10	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dissolved Organic Carbon - Duplicate (SM 5310C)	**15.5**	**^2**	1.0	0.43	mg/L			10/07/22 06:26	1

Client: O'Brien & Gere Inc of North America
Project/Site: Forest Glen Monitoring

Job ID: 480-202113-1
SDG: 480-202113-1

Client Sample ID: MW4D 092922
Date Collected: 09/29/22 09:15
Date Received: 09/29/22 13:35

Lab Sample ID: 480-202150-2
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			10/04/22 14:48	1
1,1,2,2-Tetrachloroethane	ND	*+	1.0	0.21	ug/L			10/04/22 14:48	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			10/04/22 14:48	1
1,1,2-Trichlorotrifluoroethane	ND		1.0	0.31	ug/L			10/04/22 14:48	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			10/04/22 14:48	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			10/04/22 14:48	1
1,2,4-Trichlorobenzene	ND	*+	1.0	0.41	ug/L			10/04/22 14:48	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			10/04/22 14:48	1
1,2-Dibromoethane (EDB)	ND	*+	1.0	0.73	ug/L			10/04/22 14:48	1
1,2-Dichlorobenzene	ND	*+	1.0	0.79	ug/L			10/04/22 14:48	1
1,2-Dichloroethane	ND	*+	1.0	0.21	ug/L			10/04/22 14:48	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			10/04/22 14:48	1
1,3-Dichlorobenzene	ND	*+	1.0	0.78	ug/L			10/04/22 14:48	1
1,4-Dichlorobenzene	ND	*+	1.0	0.84	ug/L			10/04/22 14:48	1
2-Hexanone	ND		5.0	1.2	ug/L			10/04/22 14:48	1
2-Butanone (MEK)	ND		10	1.3	ug/L			10/04/22 14:48	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			10/04/22 14:48	1
Acetone	ND		10	3.0	ug/L			10/04/22 14:48	1
Benzene	ND		1.0	0.41	ug/L			10/04/22 14:48	1
Bromodichloromethane	ND		1.0	0.39	ug/L			10/04/22 14:48	1
Bromoform	ND		1.0	0.26	ug/L			10/04/22 14:48	1
Bromomethane	ND		1.0	0.69	ug/L			10/04/22 14:48	1
Carbon disulfide	ND		1.0	0.19	ug/L			10/04/22 14:48	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			10/04/22 14:48	1
Chlorobenzene	ND		1.0	0.75	ug/L			10/04/22 14:48	1
Chlorodibromomethane	ND		1.0	0.32	ug/L			10/04/22 14:48	1
Chloroethane	ND		1.0	0.32	ug/L			10/04/22 14:48	1
Chloroform	ND		1.0	0.34	ug/L			10/04/22 14:48	1
Chloromethane	ND		1.0	0.35	ug/L			10/04/22 14:48	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			10/04/22 14:48	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			10/04/22 14:48	1
Cyclohexane	ND		1.0	0.18	ug/L			10/04/22 14:48	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			10/04/22 14:48	1
Ethylbenzene	ND		1.0	0.74	ug/L			10/04/22 14:48	1
Isopropylbenzene	ND		1.0	0.79	ug/L			10/04/22 14:48	1
Methyl acetate	ND		1.3	1.3	ug/L			10/04/22 14:48	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			10/04/22 14:48	1
Methylcyclohexane	ND		1.0	0.16	ug/L			10/04/22 14:48	1
Methylene Chloride	ND	*+	1.0	0.44	ug/L			10/04/22 14:48	1
Styrene	ND	*+	1.0	0.73	ug/L			10/04/22 14:48	1
Tetrachloroethene	ND		1.0	0.36	ug/L			10/04/22 14:48	1
Toluene	ND		1.0	0.51	ug/L			10/04/22 14:48	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			10/04/22 14:48	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			10/04/22 14:48	1
Trichloroethene	ND		1.0	0.46	ug/L			10/04/22 14:48	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			10/04/22 14:48	1
Vinyl chloride	ND		1.0	0.90	ug/L			10/04/22 14:48	1
Xylenes, Total	ND		2.0	0.66	ug/L			10/04/22 14:48	1

Client: O'Brien & Gere Inc of North America
Project/Site: Forest Glen Monitoring

Job ID: 480-202113-1
SDG: 480-202113-1

Client Sample ID: MW4D 092922

Date Collected: 09/29/22 09:15
Date Received: 09/29/22 13:35

Lab Sample ID: 480-202150-2

Matrix: Water

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*93*		*77 - 120*		*10/04/22 14:48*	*1*
Toluene-d8 (Surr)	*82*		*80 - 120*		*10/04/22 14:48*	*1*
4-Bromofluorobenzene (Surr)	*85*		*73 - 120*		*10/04/22 14:48*	*1*
Dibromofluoromethane (Surr)	*92*		*75 - 123*		*10/04/22 14:48*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride (MCAWW 300.0)	**285**		2.5	1.4	mg/L			10/05/22 00:16	5
Sulfate (MCAWW 300.0)	**347**		10.0	1.7	mg/L			10/05/22 00:16	5
Alkalinity, Bicarbonate (MCAWW 310.2_ASP)	**318**	**B**	50.0	20.0	mg/L			10/06/22 13:31	5
Nitrate as N (EPA 353.2)	**0.023**	**J**	0.050	0.020	mg/L			09/29/22 22:21	1
Nitrite as N (MCAWW 353.2)	ND		0.050	0.020	mg/L			09/29/22 22:21	1
Sulfide (SM 4500 S2 F)	ND		1.0	0.67	mg/L			10/03/22 11:10	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dissolved Organic Carbon - Duplicate (SM 5310C)	**29.1**	**^2**	1.0	0.43	mg/L			10/07/22 06:42	1

Client: O'Brien & Gere Inc of North America
Project/Site: Forest Glen Monitoring

Job ID: 480-202113-1
SDG: 480-202113-1

Client Sample ID: MW10S 092922
Date Collected: 09/29/22 10:40
Date Received: 09/29/22 13:35

Lab Sample ID: 480-202150-3
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			10/07/22 19:15	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			10/07/22 19:15	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			10/07/22 19:15	1
1,1,2-Trichlorotrifluoroethane	ND		1.0	0.31	ug/L			10/07/22 19:15	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			10/07/22 19:15	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			10/07/22 19:15	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			10/07/22 19:15	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			10/07/22 19:15	1
1,2-Dibromoethane (EDB)	ND		1.0	0.73	ug/L			10/07/22 19:15	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			10/07/22 19:15	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			10/07/22 19:15	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			10/07/22 19:15	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			10/07/22 19:15	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			10/07/22 19:15	1
2-Hexanone	ND		5.0	1.2	ug/L			10/07/22 19:15	1
2-Butanone (MEK)	ND		10	1.3	ug/L			10/07/22 19:15	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			10/07/22 19:15	1
Acetone	ND		10	3.0	ug/L			10/07/22 19:15	1
Benzene	ND		1.0	0.41	ug/L			10/07/22 19:15	1
Bromodichloromethane	ND		1.0	0.39	ug/L			10/07/22 19:15	1
Bromoform	ND		1.0	0.26	ug/L			10/07/22 19:15	1
Bromomethane	ND		1.0	0.69	ug/L			10/07/22 19:15	1
Carbon disulfide	ND		1.0	0.19	ug/L			10/07/22 19:15	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			10/07/22 19:15	1
Chlorobenzene	ND		1.0	0.75	ug/L			10/07/22 19:15	1
Chlorodibromomethane	ND		1.0	0.32	ug/L			10/07/22 19:15	1
Chloroethane	ND		1.0	0.32	ug/L			10/07/22 19:15	1
Chloroform	ND		1.0	0.34	ug/L			10/07/22 19:15	1
Chloromethane	ND		1.0	0.35	ug/L			10/07/22 19:15	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			10/07/22 19:15	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			10/07/22 19:15	1
Cyclohexane	ND		1.0	0.18	ug/L			10/07/22 19:15	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			10/07/22 19:15	1
Ethylbenzene	ND		1.0	0.74	ug/L			10/07/22 19:15	1
Isopropylbenzene	ND		1.0	0.79	ug/L			10/07/22 19:15	1
Methyl acetate	ND		1.3	1.3	ug/L			10/07/22 19:15	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			10/07/22 19:15	1
Methylcyclohexane	ND		1.0	0.16	ug/L			10/07/22 19:15	1
Methylene Chloride	ND		1.0	0.44	ug/L			10/07/22 19:15	1
Styrene	ND		1.0	0.73	ug/L			10/07/22 19:15	1
Tetrachloroethene	ND		1.0	0.36	ug/L			10/07/22 19:15	1
Toluene	ND		1.0	0.51	ug/L			10/07/22 19:15	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			10/07/22 19:15	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			10/07/22 19:15	1
Trichloroethene	ND		1.0	0.46	ug/L			10/07/22 19:15	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			10/07/22 19:15	1
Vinyl chloride	ND		1.0	0.90	ug/L			10/07/22 19:15	1
Xylenes, Total	ND		2.0	0.66	ug/L			10/07/22 19:15	1

Client Sample ID: MW10S 092922

Date Collected: 09/29/22 10:40
Date Received: 09/29/22 13:35

Lab Sample ID: 480-202150-3

Matrix: Water

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*105*		*77 - 120*		*10/07/22 19:15*	*1*
Toluene-d8 (Surr)	*103*		*80 - 120*		*10/07/22 19:15*	*1*
4-Bromofluorobenzene (Surr)	*110*		*73 - 120*		*10/07/22 19:15*	*1*
Dibromofluoromethane (Surr)	*102*		*75 - 123*		*10/07/22 19:15*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride (MCAWW 300.0)	**350**		2.5	1.4	mg/L			10/05/22 02:14	5
Sulfate (MCAWW 300.0)	**260**		10.0	1.7	mg/L			10/05/22 02:14	5
Alkalinity, Bicarbonate (MCAWW 310.2_ASP)	**284**	**B**	50.0	20.0	mg/L			10/06/22 13:31	5
Nitrate as N (EPA 353.2)	ND		0.050	0.020	mg/L			09/29/22 22:25	1
Nitrite as N (MCAWW 353.2)	ND		0.050	0.020	mg/L			09/29/22 22:25	1
Sulfide (SM 4500 S2 F)	ND		1.0	0.67	mg/L			10/03/22 11:10	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dissolved Organic Carbon - Duplicate (SM 5310C)	**18.6**		1.0	0.43	mg/L			10/10/22 23:02	1

Client: O'Brien & Gere Inc of North America
Project/Site: Forest Glen Monitoring

Job ID: 480-202113-1
SDG: 480-202113-1

Client Sample ID: QC TRIP BLANKS
Date Collected: 09/29/22 00:00
Date Received: 09/29/22 13:35

Lab Sample ID: 480-202150-4
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			10/04/22 15:33	1
1,1,2,2-Tetrachloroethane	ND	*+	1.0	0.21	ug/L			10/04/22 15:33	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			10/04/22 15:33	1
1,1,2-Trichlorotrifluoroethane	ND		1.0	0.31	ug/L			10/04/22 15:33	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			10/04/22 15:33	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			10/04/22 15:33	1
1,2,4-Trichlorobenzene	ND	*+	1.0	0.41	ug/L			10/04/22 15:33	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			10/04/22 15:33	1
1,2-Dibromoethane (EDB)	ND	*+	1.0	0.73	ug/L			10/04/22 15:33	1
1,2-Dichlorobenzene	ND	*+	1.0	0.79	ug/L			10/04/22 15:33	1
1,2-Dichloroethane	ND	*+	1.0	0.21	ug/L			10/04/22 15:33	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			10/04/22 15:33	1
1,3-Dichlorobenzene	ND	*+	1.0	0.78	ug/L			10/04/22 15:33	1
1,4-Dichlorobenzene	ND	*+	1.0	0.84	ug/L			10/04/22 15:33	1
2-Hexanone	ND		5.0	1.2	ug/L			10/04/22 15:33	1
2-Butanone (MEK)	ND		10	1.3	ug/L			10/04/22 15:33	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			10/04/22 15:33	1
Acetone	ND		10	3.0	ug/L			10/04/22 15:33	1
Benzene	ND		1.0	0.41	ug/L			10/04/22 15:33	1
Bromodichloromethane	ND		1.0	0.39	ug/L			10/04/22 15:33	1
Bromoform	ND		1.0	0.26	ug/L			10/04/22 15:33	1
Bromomethane	ND		1.0	0.69	ug/L			10/04/22 15:33	1
Carbon disulfide	ND		1.0	0.19	ug/L			10/04/22 15:33	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			10/04/22 15:33	1
Chlorobenzene	ND		1.0	0.75	ug/L			10/04/22 15:33	1
Chlorodibromomethane	ND		1.0	0.32	ug/L			10/04/22 15:33	1
Chloroethane	ND		1.0	0.32	ug/L			10/04/22 15:33	1
Chloroform	ND		1.0	0.34	ug/L			10/04/22 15:33	1
Chloromethane	ND		1.0	0.35	ug/L			10/04/22 15:33	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			10/04/22 15:33	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			10/04/22 15:33	1
Cyclohexane	ND		1.0	0.18	ug/L			10/04/22 15:33	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			10/04/22 15:33	1
Ethylbenzene	ND		1.0	0.74	ug/L			10/04/22 15:33	1
Isopropylbenzene	ND		1.0	0.79	ug/L			10/04/22 15:33	1
Methyl acetate	ND		1.3	1.3	ug/L			10/04/22 15:33	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			10/04/22 15:33	1
Methylcyclohexane	ND		1.0	0.16	ug/L			10/04/22 15:33	1
Methylene Chloride	ND	*+	1.0	0.44	ug/L			10/04/22 15:33	1
Styrene	ND	*+	1.0	0.73	ug/L			10/04/22 15:33	1
Tetrachloroethene	ND		1.0	0.36	ug/L			10/04/22 15:33	1
Toluene	ND		1.0	0.51	ug/L			10/04/22 15:33	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			10/04/22 15:33	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			10/04/22 15:33	1
Trichloroethene	ND		1.0	0.46	ug/L			10/04/22 15:33	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			10/04/22 15:33	1
Vinyl chloride	ND		1.0	0.90	ug/L			10/04/22 15:33	1
Xylenes, Total	ND		2.0	0.66	ug/L			10/04/22 15:33	1

Client: O'Brien & Gere Inc of North America
Project/Site: Forest Glen Monitoring

Job ID: 480-202113-1
SDG: 480-202113-1

Client Sample ID: QC TRIP BLANKS
Date Collected: 09/29/22 00:00
Date Received: 09/29/22 13:35

Lab Sample ID: 480-202150-4
Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	98		77 - 120		10/04/22 15:33	1
Toluene-d8 (Surr)	85		80 - 120		10/04/22 15:33	1
4-Bromofluorobenzene (Surr)	85		73 - 120		10/04/22 15:33	1
Dibromofluoromethane (Surr)	96		75 - 123		10/04/22 15:33	1

Surrogate Summary

Client: O'Brien & Gere Inc of North America
Project/Site: Forest Glen Monitoring

Job ID: 480-202113-1
SDG: 480-202113-1

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

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

		Percent Surrogate Recovery (Acceptance Limits)			
		DCA	TOL	BFB	DBFM
Lab Sample ID	Client Sample ID	(77-120)	(80-120)	(73-120)	(75-123)
480-202113-1	MW6DD 092722	99	89	88	96
480-202113-2	MW6D 092722	96	86	88	94
480-202113-3	MW6S 092722	97	88	88	99
480-202113-4	MW1S 092722	95	83	89	97
480-202113-5	MW5D 092722	96	85	90	97
480-202113-6	MW1D 092722	95	83	87	98
480-202113-7	MW5S 092722	94	86	93	92
480-202113-8	MW8D 092822	98	82	87	95
480-202113-9	MW7D 092822	95	83	89	90
480-202113-10	X-1 092822	101	86	87	97
480-202113-11	MW8S 092822	102	85	86	96
480-202113-12	MW7S 092822	96	84	87	90
480-202113-13	MW8DD 092822	96	85	90	92
480-202113-13 MS	MW8DD 092822	92	81	86	90
480-202113-13 MSD	MW8DD 092822	93	84	87	88
480-202113-14	MW7DD 092822	96	84	94	95
480-202113-15	TRIP BLANK	97	81	90	96
480-202150-1	MW10D 092922	93	82	82	89
480-202150-2	MW4D 092922	93	82	85	92
480-202150-3	MW10S 092922	105	103	110	102
480-202150-4	QC TRIP BLANKS	98	85	85	96
LCS 480-643447/5	Lab Control Sample	98	86	91	97
LCS 480-643654/5	Lab Control Sample	98	92	94	94
LCS 480-643837/5	Lab Control Sample	92	84	87	91
LCS 480-644494/9	Lab Control Sample	103	100	104	105
LCSD 480-643447/6	Lab Control Sample Dup	100	83	91	98
LCSD 480-644494/34	Lab Control Sample Dup	108	98	100	109
MB 480-643447/8	Method Blank	120	103	115	116
MB 480-643654/7	Method Blank	96	87	90	97
MB 480-643837/7	Method Blank	92	78 S1-	78	91
MB 480-644494/13	Method Blank	99	95	95	102

Surrogate Legend

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

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

Lab Sample ID: MB 480-643447/8
Matrix: Water
Analysis Batch: 643447

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	ND		1.0	0.82	ug/L			09/30/22 15:12	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			09/30/22 15:12	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			09/30/22 15:12	1
1,1,2-Trichlorotrifluoroethane	ND		1.0	0.31	ug/L			09/30/22 15:12	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			09/30/22 15:12	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			09/30/22 15:12	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			09/30/22 15:12	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			09/30/22 15:12	1
1,2-Dibromoethane (EDB)	ND		1.0	0.73	ug/L			09/30/22 15:12	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			09/30/22 15:12	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			09/30/22 15:12	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			09/30/22 15:12	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			09/30/22 15:12	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			09/30/22 15:12	1
2-Hexanone	ND		5.0	1.2	ug/L			09/30/22 15:12	1
2-Butanone (MEK)	ND		10	1.3	ug/L			09/30/22 15:12	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			09/30/22 15:12	1
Acetone	ND		10	3.0	ug/L			09/30/22 15:12	1
Benzene	ND		1.0	0.41	ug/L			09/30/22 15:12	1
Bromodichloromethane	ND		1.0	0.39	ug/L			09/30/22 15:12	1
Bromoform	ND		1.0	0.26	ug/L			09/30/22 15:12	1
Bromomethane	ND		1.0	0.69	ug/L			09/30/22 15:12	1
Carbon disulfide	ND		1.0	0.19	ug/L			09/30/22 15:12	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			09/30/22 15:12	1
Chlorobenzene	ND		1.0	0.75	ug/L			09/30/22 15:12	1
Chlorodibromomethane	ND		1.0	0.32	ug/L			09/30/22 15:12	1
Chloroethane	ND		1.0	0.32	ug/L			09/30/22 15:12	1
Chloroform	ND		1.0	0.34	ug/L			09/30/22 15:12	1
Chloromethane	ND		1.0	0.35	ug/L			09/30/22 15:12	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			09/30/22 15:12	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			09/30/22 15:12	1
Cyclohexane	ND		1.0	0.18	ug/L			09/30/22 15:12	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			09/30/22 15:12	1
Ethylbenzene	ND		1.0	0.74	ug/L			09/30/22 15:12	1
Isopropylbenzene	ND		1.0	0.79	ug/L			09/30/22 15:12	1
Methyl acetate	ND		1.3	1.3	ug/L			09/30/22 15:12	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			09/30/22 15:12	1
Methylcyclohexane	ND		1.0	0.16	ug/L			09/30/22 15:12	1
Methylene Chloride	ND		1.0	0.44	ug/L			09/30/22 15:12	1
Styrene	ND		1.0	0.73	ug/L			09/30/22 15:12	1
Tetrachloroethene	ND		1.0	0.36	ug/L			09/30/22 15:12	1
Toluene	ND		1.0	0.51	ug/L			09/30/22 15:12	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			09/30/22 15:12	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			09/30/22 15:12	1
Trichloroethene	ND		1.0	0.46	ug/L			09/30/22 15:12	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			09/30/22 15:12	1
Vinyl chloride	ND		1.0	0.90	ug/L			09/30/22 15:12	1
Xylenes, Total	ND		2.0	0.66	ug/L			09/30/22 15:12	1

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

Lab Sample ID: MB 480-643447/8
Matrix: Water
Analysis Batch: 643447

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

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	120		77 - 120		09/30/22 15:12	1
Toluene-d8 (Surr)	103		80 - 120		09/30/22 15:12	1
4-Bromofluorobenzene (Surr)	115		73 - 120		09/30/22 15:12	1
Dibromofluoromethane (Surr)	116		75 - 123		09/30/22 15:12	1

Lab Sample ID: LCS 480-643447/5
Matrix: Water
Analysis Batch: 643447

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	29.7		ug/L		119	73 - 126
1,1,2,2-Tetrachloroethane	25.0	31.1	*+	ug/L		125	76 - 120
1,1,2-Trichloroethane	25.0	28.9		ug/L		116	76 - 122
1,1,2-Trichlorotrifluoroethane	25.0	29.7		ug/L		119	61 - 148
1,1-Dichloroethane	25.0	31.8	*+	ug/L		127	77 - 120
1,1-Dichloroethene	25.0	29.6		ug/L		118	66 - 127
1,2,4-Trichlorobenzene	25.0	34.4	*+	ug/L		138	79 - 122
1,2-Dibromo-3-Chloropropane	25.0	31.3		ug/L		125	56 - 134
1,2-Dibromoethane (EDB)	25.0	33.2	*+	ug/L		133	77 - 120
1,2-Dichlorobenzene	25.0	32.5	*+	ug/L		130	80 - 124
1,2-Dichloroethane	25.0	32.6	*+	ug/L		131	75 - 120
1,2-Dichloropropane	25.0	30.7	*+	ug/L		123	76 - 120
1,3-Dichlorobenzene	25.0	30.4	*+	ug/L		122	77 - 120
1,4-Dichlorobenzene	25.0	32.1	*+	ug/L		128	80 - 120
2-Hexanone	125	147		ug/L		118	65 - 127
2-Butanone (MEK)	125	265	*+	ug/L		212	57 - 140
4-Methyl-2-pentanone (MIBK)	125	148		ug/L		119	71 - 125
Acetone	125	157		ug/L		126	56 - 142
Benzene	25.0	29.7		ug/L		119	71 - 124
Bromodichloromethane	25.0	31.5	*+	ug/L		126	80 - 122
Bromoform	25.0	31.7		ug/L		127	61 - 132
Bromomethane	25.0	31.0		ug/L		124	55 - 144
Carbon disulfide	25.0	29.2		ug/L		117	59 - 134
Carbon tetrachloride	25.0	30.7		ug/L		123	72 - 134
Chlorobenzene	25.0	28.9		ug/L		116	80 - 120
Chlorodibromomethane	25.0	31.7	*+	ug/L		127	75 - 125
Chloroethane	25.0	32.9		ug/L		132	69 - 136
Chloroform	25.0	30.8		ug/L		123	73 - 127
Chloromethane	25.0	29.5		ug/L		118	68 - 124
cis-1,2-Dichloroethene	25.0	30.8		ug/L		123	74 - 124
cis-1,3-Dichloropropene	25.0	32.1	*+	ug/L		129	74 - 124
Cyclohexane	25.0	28.3		ug/L		113	59 - 135
Dichlorodifluoromethane	25.0	32.6		ug/L		130	59 - 135
Ethylbenzene	25.0	28.6		ug/L		114	77 - 123
Isopropylbenzene	25.0	31.6	*+	ug/L		126	77 - 122
Methyl acetate	50.0	67.1	*+	ug/L		134	74 - 133
Methyl tert-butyl ether	25.0	31.4	*+	ug/L		126	77 - 120
Methylcyclohexane	25.0	31.2		ug/L		125	68 - 134

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

Lab Sample ID: LCS 480-643447/5
Matrix: Water
Analysis Batch: 643447

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Methylene Chloride	25.0	32.8	*+	ug/L		131	75 - 124
Styrene	25.0	31.6	*+	ug/L		126	80 - 120
Tetrachloroethene	25.0	31.3	*+	ug/L		125	74 - 122
Toluene	25.0	26.5		ug/L		106	80 - 122
trans-1,2-Dichloroethene	25.0	30.3		ug/L		121	73 - 127
trans-1,3-Dichloropropene	25.0	30.0		ug/L		120	80 - 120
Trichloroethene	25.0	30.1		ug/L		120	74 - 123
Trichlorofluoromethane	25.0	34.8		ug/L		139	62 - 150
Vinyl chloride	25.0	30.6		ug/L		122	65 - 133

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*98*		*77 - 120*
Toluene-d8 (Surr)	*86*		*80 - 120*
4-Bromofluorobenzene (Surr)	*91*		*73 - 120*
Dibromofluoromethane (Surr)	*97*		*75 - 123*

Lab Sample ID: LCSD 480-643447/6
Matrix: Water
Analysis Batch: 643447

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

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1,1-Trichloroethane	25.0	29.9		ug/L		119	73 - 126	1	15
1,1,2,2-Tetrachloroethane	25.0	30.5	*+	ug/L		122	76 - 120	2	15
1,1,2-Trichloroethane	25.0	28.9		ug/L		116	76 - 122	0	15
1,1,2-Trichlorotrifluoroethane	25.0	31.1		ug/L		125	61 - 148	5	20
1,1-Dichloroethane	25.0	30.9	*+	ug/L		123	77 - 120	3	20
1,1-Dichloroethene	25.0	29.1		ug/L		116	66 - 127	2	16
1,2,4-Trichlorobenzene	25.0	33.9	*+	ug/L		135	79 - 122	2	20
1,2-Dibromo-3-Chloropropane	25.0	30.3		ug/L		121	56 - 134	3	15
1,2-Dibromoethane (EDB)	25.0	31.1	*+	ug/L		124	77 - 120	7	15
1,2-Dichlorobenzene	25.0	31.6	*+	ug/L		126	80 - 124	3	20
1,2-Dichloroethane	25.0	32.6	*+	ug/L		131	75 - 120	0	20
1,2-Dichloropropane	25.0	31.5	*+	ug/L		126	76 - 120	3	20
1,3-Dichlorobenzene	25.0	30.2	*+	ug/L		121	77 - 120	1	20
1,4-Dichlorobenzene	25.0	30.4	*+	ug/L		122	80 - 120	5	20
2-Hexanone	125	149		ug/L		119	65 - 127	1	15
2-Butanone (MEK)	125	275	*+	ug/L		220	57 - 140	4	20
4-Methyl-2-pentanone (MIBK)	125	146		ug/L		117	71 - 125	2	35
Acetone	125	166		ug/L		133	56 - 142	6	15
Benzene	25.0	29.6		ug/L		119	71 - 124	0	13
Bromodichloromethane	25.0	32.0	*+	ug/L		128	80 - 122	2	15
Bromoform	25.0	31.6		ug/L		126	61 - 132	0	15
Bromomethane	25.0	29.6		ug/L		119	55 - 144	5	15
Carbon disulfide	25.0	28.9		ug/L		115	59 - 134	1	15
Carbon tetrachloride	25.0	30.0		ug/L		120	72 - 134	2	15
Chlorobenzene	25.0	28.2		ug/L		113	80 - 120	3	25
Chlorodibromomethane	25.0	32.2	*+	ug/L		129	75 - 125	2	15
Chloroethane	25.0	32.0		ug/L		128	69 - 136	3	15

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

Lab Sample ID: LCSD 480-643447/6
Matrix: Water
Analysis Batch: 643447

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
Chloroform			25.0	30.2		ug/L		121	73 - 127	2	20
Chloromethane			25.0	29.0		ug/L		116	68 - 124	2	15
cis-1,2-Dichloroethene			25.0	30.8		ug/L		123	74 - 124	0	15
cis-1,3-Dichloropropene			25.0	33.6	*+	ug/L		134	74 - 124	4	15
Cyclohexane			25.0	28.5		ug/L		114	59 - 135	0	20
Dichlorodifluoromethane			25.0	32.1		ug/L		128	59 - 135	2	20
Ethylbenzene			25.0	27.6		ug/L		111	77 - 123	3	15
Isopropylbenzene			25.0	30.1		ug/L		120	77 - 122	5	20
Methyl acetate			50.0	67.4	*+	ug/L		135	74 - 133	0	20
Methyl tert-butyl ether			25.0	32.3	*+	ug/L		129	77 - 120	3	37
Methylcyclohexane			25.0	30.7		ug/L		123	68 - 134	2	20
Methylene Chloride			25.0	32.4	*+	ug/L		130	75 - 124	1	15
Styrene			25.0	30.0		ug/L		120	80 - 120	5	20
Tetrachloroethene			25.0	29.7		ug/L		119	74 - 122	5	20
Toluene			25.0	25.8		ug/L		103	80 - 122	3	15
trans-1,2-Dichloroethene			25.0	30.8		ug/L		123	73 - 127	2	20
trans-1,3-Dichloropropene			25.0	29.5		ug/L		118	80 - 120	2	15
Trichloroethene			25.0	29.6		ug/L		118	74 - 123	2	16
Trichlorofluoromethane			25.0	35.3		ug/L		141	62 - 150	2	20
Vinyl chloride			25.0	29.8		ug/L		119	65 - 133	3	15

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*100*		*77 - 120*
Toluene-d8 (Surr)	*83*		*80 - 120*
4-Bromofluorobenzene (Surr)	*91*		*73 - 120*
Dibromofluoromethane (Surr)	*98*		*75 - 123*

Lab Sample ID: 480-202113-13 MS
Matrix: Water
Analysis Batch: 643447

Client Sample ID: MW8DD 092822
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
1,1,1-Trichloroethane	ND	F1	25.0	36.6	F1	ug/L		146	73 - 126		
1,1,2,2-Tetrachloroethane	ND	*+ F1	25.0	36.2	F1	ug/L		145	76 - 120		
1,1,2-Trichloroethane	ND	F1	25.0	34.2	F1	ug/L		137	76 - 122		
1,1,2-Trichlorotrifluoroethane	ND	F1	25.0	34.8		ug/L		139	61 - 148		
1,1-Dichloroethane	ND	*+ F1	25.0	37.4	F1	ug/L		149	77 - 120		
1,1-Dichloroethene	ND	F1	25.0	37.1	F1	ug/L		148	66 - 127		
1,2,4-Trichlorobenzene	ND	*+ F1	25.0	38.7	F1	ug/L		155	79 - 122		
1,2-Dibromo-3-Chloropropane	ND	F1	25.0	34.9	F1	ug/L		140	56 - 134		
1,2-Dibromoethane (EDB)	ND	*+ F1	25.0	36.5	F1	ug/L		146	77 - 120		
1,2-Dichlorobenzene	ND	*+ F1	25.0	37.2	F1	ug/L		149	80 - 124		
1,2-Dichloroethane	ND	*+ F1	25.0	36.6	F1	ug/L		147	75 - 120		
1,2-Dichloropropane	ND	*+ F1	25.0	35.0	F1	ug/L		140	76 - 120		
1,3-Dichlorobenzene	ND	*+ F1	25.0	36.4	F1	ug/L		146	77 - 120		
1,4-Dichlorobenzene	ND	*+ F1	25.0	35.4	F1	ug/L		142	78 - 124		
2-Hexanone	ND	F1	125	179	F1	ug/L		143	65 - 127		
2-Butanone (MEK)	ND	*+ F1	125	177	F1	ug/L		141	57 - 140		

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

Lab Sample ID: 480-202113-13 MS
Matrix: Water
Analysis Batch: 643447

Client Sample ID: MW8DD 092822
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
4-Methyl-2-pentanone (MIBK)	ND	F1	125	178	F1	ug/L		142	71 - 125
Acetone	ND	F1	125	164		ug/L		131	56 - 142
Benzene	ND	F1	25.0	35.6	F1	ug/L		142	71 - 124
Bromodichloromethane	ND	*+ F1	25.0	35.9	F1	ug/L		144	80 - 122
Bromoform	ND	F1	25.0	34.6	F1	ug/L		139	61 - 132
Bromomethane	ND	F1 F2	25.0	32.9		ug/L		132	55 - 144
Carbon disulfide	ND	F1	25.0	36.0	F1	ug/L		144	59 - 134
Carbon tetrachloride	ND	F1	25.0	36.9	F1	ug/L		148	72 - 134
Chlorobenzene	ND	F1	25.0	33.6	F1	ug/L		134	80 - 120
Chlorodibromomethane	ND	*+ F1	25.0	35.8	F1	ug/L		143	75 - 125
Chloroethane	ND	F1	25.0	36.3	F1	ug/L		145	69 - 136
Chloroform	ND	F1	25.0	35.6	F1	ug/L		142	73 - 127
Chloromethane	ND	F1	25.0	32.6	F1	ug/L		130	68 - 124
cis-1,2-Dichloroethene	ND	F1	25.0	36.8	F1	ug/L		147	74 - 124
cis-1,3-Dichloropropene	ND	*+ F1	25.0	34.5	F1	ug/L		138	74 - 124
Cyclohexane	ND	F1	25.0	33.9		ug/L		135	59 - 135
Dichlorodifluoromethane	ND	F1	25.0	33.0		ug/L		132	59 - 135
Ethylbenzene	ND	F1	25.0	33.8	F1	ug/L		135	77 - 123
Isopropylbenzene	ND	*+ F1	25.0	38.3	F1	ug/L		153	77 - 122
Methyl acetate	ND	*+ F1	50.0	69.8	F1	ug/L		140	74 - 133
Methyl tert-butyl ether	0.25	J *+ F1	25.0	35.3	F1	ug/L		140	77 - 120
Methylcyclohexane	ND	F1	25.0	33.4		ug/L		134	68 - 134
Methylene Chloride	ND	*+ F1	25.0	37.6	F1	ug/L		151	75 - 124
Styrene	ND	*+ F1	25.0	36.1	F1	ug/L		144	80 - 120
Tetrachloroethene	ND	*+ F1	25.0	37.1	F1	ug/L		148	74 - 122
Toluene	ND	F1	25.0	32.0	F1	ug/L		128	80 - 122
trans-1,2-Dichloroethene	ND	F1	25.0	36.6	F1	ug/L		146	73 - 127
trans-1,3-Dichloropropene	ND	F1	25.0	32.3	F1	ug/L		129	80 - 120
Trichloroethene	ND	F1	25.0	35.1	F1	ug/L		140	74 - 123
Trichlorofluoromethane	ND	F1	25.0	39.8	F1	ug/L		159	62 - 150
Vinyl chloride	0.90	J F1	25.0	37.5	F1	ug/L		146	65 - 133

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*92*		*77 - 120*
Toluene-d8 (Surr)	*81*		*80 - 120*
4-Bromofluorobenzene (Surr)	*86*		*73 - 120*
Dibromofluoromethane (Surr)	*90*		*75 - 123*

Lab Sample ID: 480-202113-13 MSD
Matrix: Water
Analysis Batch: 643447

Client Sample ID: MW8DD 092822
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	ND	F1	25.0	40.9	F1	ug/L		164	73 - 126	11	15
1,1,2,2-Tetrachloroethane	ND	*+ F1	25.0	38.8	F1	ug/L		155	76 - 120	7	15
1,1,2-Trichloroethane	ND	F1	25.0	36.9	F1	ug/L		148	76 - 122	8	15
1,1,2-Trichlorotrifluoroethane	ND	F1	25.0	37.6	F1	ug/L		150	61 - 148	8	20
1,1-Dichloroethane	ND	*+ F1	25.0	41.0	F1	ug/L		164	77 - 120	9	20

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

Lab Sample ID: 480-202113-13 MSD
Matrix: Water
Analysis Batch: 643447

Client Sample ID: MW8DD 092822
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-Dichloroethene	ND	F1	25.0	41.5	F1	ug/L		166	66 - 127	11	16
1,2,4-Trichlorobenzene	ND	*+ F1	25.0	42.1	F1	ug/L		169	79 - 122	8	20
1,2-Dibromo-3-Chloropropane	ND	F1	25.0	37.5	F1	ug/L		150	56 - 134	7	15
1,2-Dibromoethane (EDB)	ND	*+ F1	25.0	38.9	F1	ug/L		156	77 - 120	6	15
1,2-Dichlorobenzene	ND	*+ F1	25.0	40.7	F1	ug/L		163	80 - 124	9	20
1,2-Dichloroethane	ND	*+ F1	25.0	40.3	F1	ug/L		161	75 - 120	9	20
1,2-Dichloropropane	ND	*+ F1	25.0	39.8	F1	ug/L		159	76 - 120	13	20
1,3-Dichlorobenzene	ND	*+ F1	25.0	39.9	F1	ug/L		159	77 - 120	9	20
1,4-Dichlorobenzene	ND	*+ F1	25.0	39.1	F1	ug/L		156	78 - 124	10	20
2-Hexanone	ND	F1	125	192	F1	ug/L		154	65 - 127	7	15
2-Butanone (MEK)	ND	*+ F1	125	194	F1	ug/L		155	57 - 140	9	20
4-Methyl-2-pentanone (MIBK)	ND	F1	125	188	F1	ug/L		151	71 - 125	6	35
Acetone	ND	F1	125	179	F1	ug/L		143	56 - 142	9	15
Benzene	ND	F1	25.0	39.7	F1	ug/L		159	71 - 124	11	13
Bromodichloromethane	ND	*+ F1	25.0	40.4	F1	ug/L		162	80 - 122	12	15
Bromoform	ND	F1	25.0	35.0	F1	ug/L		140	61 - 132	1	15
Bromomethane	ND	F1 F2	25.0	38.7	F1 F2	ug/L		155	55 - 144	16	15
Carbon disulfide	ND	F1	25.0	40.3	F1	ug/L		161	59 - 134	11	15
Carbon tetrachloride	ND	F1	25.0	42.7	F1	ug/L		171	72 - 134	14	15
Chlorobenzene	ND	F1	25.0	36.6	F1	ug/L		146	80 - 120	9	25
Chlorodibromomethane	ND	*+ F1	25.0	38.4	F1	ug/L		154	75 - 125	7	15
Chloroethane	ND	F1	25.0	41.4	F1	ug/L		165	69 - 136	13	15
Chloroform	ND	F1	25.0	39.8	F1	ug/L		159	73 - 127	11	20
Chloromethane	ND	F1	25.0	35.8	F1	ug/L		143	68 - 124	9	15
cis-1,2-Dichloroethene	ND	F1	25.0	40.3	F1	ug/L		161	74 - 124	9	15
cis-1,3-Dichloropropene	ND	*+ F1	25.0	38.2	F1	ug/L		153	74 - 124	10	15
Cyclohexane	ND	F1	25.0	37.6	F1	ug/L		150	59 - 135	10	20
Dichlorodifluoromethane	ND	F1	25.0	36.5	F1	ug/L		146	59 - 135	10	20
Ethylbenzene	ND	F1	25.0	36.8	F1	ug/L		147	77 - 123	8	15
Isopropylbenzene	ND	*+ F1	25.0	41.6	F1	ug/L		167	77 - 122	8	20
Methyl acetate	ND	*+ F1	50.0	76.9	F1	ug/L		154	74 - 133	10	20
Methyl tert-butyl ether	0.25	J *+ F1	25.0	38.2	F1	ug/L		152	77 - 120	8	37
Methylcyclohexane	ND	F1	25.0	37.2	F1	ug/L		149	68 - 134	11	20
Methylene Chloride	ND	*+ F1	25.0	41.3	F1	ug/L		165	75 - 124	9	15
Styrene	ND	*+ F1	25.0	39.3	F1	ug/L		157	80 - 120	9	20
Tetrachloroethene	ND	*+ F1	25.0	39.4	F1	ug/L		158	74 - 122	6	20
Toluene	ND	F1	25.0	34.8	F1	ug/L		139	80 - 122	8	15
trans-1,2-Dichloroethene	ND	F1	25.0	41.3	F1	ug/L		165	73 - 127	12	20
trans-1,3-Dichloropropene	ND	F1	25.0	34.3	F1	ug/L		137	80 - 120	6	15
Trichloroethene	ND	F1	25.0	39.5	F1	ug/L		158	74 - 123	12	16
Trichlorofluoromethane	ND	F1	25.0	43.8	F1	ug/L		175	62 - 150	10	20
Vinyl chloride	0.90	J F1	25.0	41.7	F1	ug/L		163	65 - 133	11	15

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*93*		*77 - 120*
Toluene-d8 (Surr)	*84*		*80 - 120*
4-Bromofluorobenzene (Surr)	*87*		*73 - 120*
Dibromofluoromethane (Surr)	*88*		*75 - 123*

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

Lab Sample ID: MB 480-643654/7
Matrix: Water
Analysis Batch: 643654

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	ND		1.0	0.82	ug/L			10/03/22 11:55	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			10/03/22 11:55	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			10/03/22 11:55	1
1,1,2-Trichlorotrifluoroethane	ND		1.0	0.31	ug/L			10/03/22 11:55	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			10/03/22 11:55	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			10/03/22 11:55	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			10/03/22 11:55	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			10/03/22 11:55	1
1,2-Dibromoethane (EDB)	ND		1.0	0.73	ug/L			10/03/22 11:55	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			10/03/22 11:55	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			10/03/22 11:55	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			10/03/22 11:55	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			10/03/22 11:55	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			10/03/22 11:55	1
2-Hexanone	ND		5.0	1.2	ug/L			10/03/22 11:55	1
2-Butanone (MEK)	ND		10	1.3	ug/L			10/03/22 11:55	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			10/03/22 11:55	1
Acetone	ND		10	3.0	ug/L			10/03/22 11:55	1
Benzene	ND		1.0	0.41	ug/L			10/03/22 11:55	1
Bromodichloromethane	ND		1.0	0.39	ug/L			10/03/22 11:55	1
Bromoform	ND		1.0	0.26	ug/L			10/03/22 11:55	1
Bromomethane	ND		1.0	0.69	ug/L			10/03/22 11:55	1
Carbon disulfide	ND		1.0	0.19	ug/L			10/03/22 11:55	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			10/03/22 11:55	1
Chlorobenzene	ND		1.0	0.75	ug/L			10/03/22 11:55	1
Chlorodibromomethane	ND		1.0	0.32	ug/L			10/03/22 11:55	1
Chloroethane	ND		1.0	0.32	ug/L			10/03/22 11:55	1
Chloroform	ND		1.0	0.34	ug/L			10/03/22 11:55	1
Chloromethane	ND		1.0	0.35	ug/L			10/03/22 11:55	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			10/03/22 11:55	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			10/03/22 11:55	1
Cyclohexane	ND		1.0	0.18	ug/L			10/03/22 11:55	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			10/03/22 11:55	1
Ethylbenzene	ND		1.0	0.74	ug/L			10/03/22 11:55	1
Isopropylbenzene	ND		1.0	0.79	ug/L			10/03/22 11:55	1
Methyl acetate	ND		1.3	1.3	ug/L			10/03/22 11:55	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			10/03/22 11:55	1
Methylcyclohexane	ND		1.0	0.16	ug/L			10/03/22 11:55	1
Methylene Chloride	ND		1.0	0.44	ug/L			10/03/22 11:55	1
Styrene	ND		1.0	0.73	ug/L			10/03/22 11:55	1
Tetrachloroethene	ND		1.0	0.36	ug/L			10/03/22 11:55	1
Toluene	ND		1.0	0.51	ug/L			10/03/22 11:55	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			10/03/22 11:55	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			10/03/22 11:55	1
Trichloroethene	ND		1.0	0.46	ug/L			10/03/22 11:55	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			10/03/22 11:55	1
Vinyl chloride	ND		1.0	0.90	ug/L			10/03/22 11:55	1
Xylenes, Total	ND		2.0	0.66	ug/L			10/03/22 11:55	1

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

Lab Sample ID: MB 480-643654/7
Matrix: Water
Analysis Batch: 643654

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

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	96		77 - 120		10/03/22 11:55	1
Toluene-d8 (Surr)	87		80 - 120		10/03/22 11:55	1
4-Bromofluorobenzene (Surr)	90		73 - 120		10/03/22 11:55	1
Dibromofluoromethane (Surr)	97		75 - 123		10/03/22 11:55	1

Lab Sample ID: LCS 480-643654/5
Matrix: Water
Analysis Batch: 643654

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	21.5		ug/L		86	73 - 126
1,1,2,2-Tetrachloroethane	25.0	25.5		ug/L		102	76 - 120
1,1,2-Trichloroethane	25.0	26.0		ug/L		104	76 - 122
1,1,2-Trichlorotrifluoroethane	25.0	21.6		ug/L		86	61 - 148
1,1-Dichloroethane	25.0	23.1		ug/L		92	77 - 120
1,1-Dichloroethene	25.0	20.5		ug/L		82	66 - 127
1,2,4-Trichlorobenzene	25.0	27.7		ug/L		111	79 - 122
1,2-Dibromo-3-Chloropropane	25.0	24.7		ug/L		99	56 - 134
1,2-Dibromoethane (EDB)	25.0	27.8		ug/L		111	77 - 120
1,2-Dichlorobenzene	25.0	26.8		ug/L		107	80 - 124
1,2-Dichloroethane	25.0	25.4		ug/L		102	75 - 120
1,2-Dichloropropane	25.0	24.3		ug/L		97	76 - 120
1,3-Dichlorobenzene	25.0	25.6		ug/L		102	77 - 120
1,4-Dichlorobenzene	25.0	25.4		ug/L		102	80 - 120
2-Hexanone	125	132		ug/L		106	65 - 127
2-Butanone (MEK)	125	130		ug/L		104	57 - 140
4-Methyl-2-pentanone (MIBK)	125	129		ug/L		103	71 - 125
Acetone	125	130		ug/L		104	56 - 142
Benzene	25.0	22.2		ug/L		89	71 - 124
Bromodichloromethane	25.0	24.5		ug/L		98	80 - 122
Bromoform	25.0	25.4		ug/L		102	61 - 132
Bromomethane	25.0	24.9		ug/L		100	55 - 144
Carbon disulfide	25.0	21.2		ug/L		85	59 - 134
Carbon tetrachloride	25.0	21.4		ug/L		85	72 - 134
Chlorobenzene	25.0	23.4		ug/L		94	80 - 120
Chlorodibromomethane	25.0	27.7		ug/L		111	75 - 125
Chloroethane	25.0	24.4		ug/L		97	69 - 136
Chloroform	25.0	23.5		ug/L		94	73 - 127
Chloromethane	25.0	22.5		ug/L		90	68 - 124
cis-1,2-Dichloroethene	25.0	22.1		ug/L		88	74 - 124
cis-1,3-Dichloropropene	25.0	25.4		ug/L		102	74 - 124
Cyclohexane	25.0	20.4		ug/L		82	59 - 135
Dichlorodifluoromethane	25.0	23.7		ug/L		95	59 - 135
Ethylbenzene	25.0	22.7		ug/L		91	77 - 123
Isopropylbenzene	25.0	24.5		ug/L		98	77 - 122
Methyl acetate	50.0	49.8		ug/L		100	74 - 133
Methyl tert-butyl ether	25.0	24.2		ug/L		97	77 - 120
Methylcyclohexane	25.0	22.0		ug/L		88	68 - 134

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

Lab Sample ID: LCS 480-643654/5
Matrix: Water
Analysis Batch: 643654

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Methylene Chloride	25.0	25.7		ug/L		103	75 - 124
Styrene	25.0	25.5		ug/L		102	80 - 120
Tetrachloroethene	25.0	23.3		ug/L		93	74 - 122
Toluene	25.0	21.2		ug/L		85	80 - 122
trans-1,2-Dichloroethene	25.0	21.5		ug/L		86	73 - 127
trans-1,3-Dichloropropene	25.0	25.6		ug/L		102	80 - 120
Trichloroethene	25.0	22.9		ug/L		92	74 - 123
Trichlorofluoromethane	25.0	26.6		ug/L		107	62 - 150
Vinyl chloride	25.0	23.8		ug/L		95	65 - 133

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*98*		*77 - 120*
Toluene-d8 (Surr)	*92*		*80 - 120*
4-Bromofluorobenzene (Surr)	*94*		*73 - 120*
Dibromofluoromethane (Surr)	*94*		*75 - 123*

Lab Sample ID: MB 480-643837/7
Matrix: Water
Analysis Batch: 643837

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	ND		1.0	0.82	ug/L			10/04/22 13:31	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			10/04/22 13:31	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			10/04/22 13:31	1
1,1,2-Trichlorotrifluoroethane	ND		1.0	0.31	ug/L			10/04/22 13:31	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			10/04/22 13:31	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			10/04/22 13:31	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			10/04/22 13:31	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			10/04/22 13:31	1
1,2-Dibromoethane (EDB)	ND		1.0	0.73	ug/L			10/04/22 13:31	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			10/04/22 13:31	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			10/04/22 13:31	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			10/04/22 13:31	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			10/04/22 13:31	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			10/04/22 13:31	1
2-Hexanone	ND		5.0	1.2	ug/L			10/04/22 13:31	1
2-Butanone (MEK)	ND		10	1.3	ug/L			10/04/22 13:31	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			10/04/22 13:31	1
Acetone	ND		10	3.0	ug/L			10/04/22 13:31	1
Benzene	ND		1.0	0.41	ug/L			10/04/22 13:31	1
Bromodichloromethane	ND		1.0	0.39	ug/L			10/04/22 13:31	1
Bromoform	ND		1.0	0.26	ug/L			10/04/22 13:31	1
Bromomethane	ND		1.0	0.69	ug/L			10/04/22 13:31	1
Carbon disulfide	ND		1.0	0.19	ug/L			10/04/22 13:31	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			10/04/22 13:31	1
Chlorobenzene	ND		1.0	0.75	ug/L			10/04/22 13:31	1
Chlorodibromomethane	ND		1.0	0.32	ug/L			10/04/22 13:31	1
Chloroethane	ND		1.0	0.32	ug/L			10/04/22 13:31	1

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

Lab Sample ID: MB 480-643837/7
Matrix: Water
Analysis Batch: 643837

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloroform	ND		1.0	0.34	ug/L			10/04/22 13:31	1
Chloromethane	ND		1.0	0.35	ug/L			10/04/22 13:31	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			10/04/22 13:31	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			10/04/22 13:31	1
Cyclohexane	ND		1.0	0.18	ug/L			10/04/22 13:31	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			10/04/22 13:31	1
Ethylbenzene	ND		1.0	0.74	ug/L			10/04/22 13:31	1
Isopropylbenzene	ND		1.0	0.79	ug/L			10/04/22 13:31	1
Methyl acetate	ND		1.3	1.3	ug/L			10/04/22 13:31	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			10/04/22 13:31	1
Methylcyclohexane	ND		1.0	0.16	ug/L			10/04/22 13:31	1
Methylene Chloride	ND		1.0	0.44	ug/L			10/04/22 13:31	1
Styrene	ND		1.0	0.73	ug/L			10/04/22 13:31	1
Tetrachloroethene	ND		1.0	0.36	ug/L			10/04/22 13:31	1
Toluene	ND		1.0	0.51	ug/L			10/04/22 13:31	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			10/04/22 13:31	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			10/04/22 13:31	1
Trichloroethene	ND		1.0	0.46	ug/L			10/04/22 13:31	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			10/04/22 13:31	1
Vinyl chloride	ND		1.0	0.90	ug/L			10/04/22 13:31	1
Xylenes, Total	ND		2.0	0.66	ug/L			10/04/22 13:31	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*92*		*77 - 120*		*10/04/22 13:31*	*1*
Toluene-d8 (Surr)	*78*	*S1-*	*80 - 120*		*10/04/22 13:31*	*1*
4-Bromofluorobenzene (Surr)	*78*		*73 - 120*		*10/04/22 13:31*	*1*
Dibromofluoromethane (Surr)	*91*		*75 - 123*		*10/04/22 13:31*	*1*

Lab Sample ID: LCS 480-643837/5
Matrix: Water
Analysis Batch: 643837

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1-Trichloroethane	25.0	23.7		ug/L		95	73 - 126
1,1,2,2-Tetrachloroethane	25.0	31.1	*+	ug/L		125	76 - 120
1,1,2-Trichloroethane	25.0	29.7		ug/L		119	76 - 122
1,1,2-Trichlorotrifluoroethane	25.0	20.4		ug/L		82	61 - 148
1,1-Dichloroethane	25.0	27.2		ug/L		109	77 - 120
1,1-Dichloroethene	25.0	23.1		ug/L		92	66 - 127
1,2,4-Trichlorobenzene	25.0	34.0	*+	ug/L		136	79 - 122
1,2-Dibromo-3-Chloropropane	25.0	27.9		ug/L		112	56 - 134
1,2-Dibromoethane (EDB)	25.0	31.0	*+	ug/L		124	77 - 120
1,2-Dichlorobenzene	25.0	33.2	*+	ug/L		133	80 - 124
1,2-Dichloroethane	25.0	30.8	*+	ug/L		123	75 - 120
1,2-Dichloropropane	25.0	28.7		ug/L		115	76 - 120
1,3-Dichlorobenzene	25.0	30.7	*+	ug/L		123	77 - 120
1,4-Dichlorobenzene	25.0	30.9	*+	ug/L		124	80 - 120
2-Hexanone	125	145		ug/L		116	65 - 127

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

Lab Sample ID: LCS 480-643837/5
Matrix: Water
Analysis Batch: 643837

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
2-Butanone (MEK)	125	152		ug/L		122	57 - 140
4-Methyl-2-pentanone (MIBK)	125	148		ug/L		118	71 - 125
Acetone	125	156		ug/L		125	56 - 142
Benzene	25.0	27.0		ug/L		108	71 - 124
Bromodichloromethane	25.0	28.4		ug/L		113	80 - 122
Bromoform	25.0	29.9		ug/L		120	61 - 132
Bromomethane	25.0	27.4		ug/L		110	55 - 144
Carbon disulfide	25.0	23.7		ug/L		95	59 - 134
Carbon tetrachloride	25.0	22.5		ug/L		90	72 - 134
Chlorobenzene	25.0	27.3		ug/L		109	80 - 120
Chlorodibromomethane	25.0	31.1		ug/L		124	75 - 125
Chloroethane	25.0	26.6		ug/L		106	69 - 136
Chloroform	25.0	27.7		ug/L		111	73 - 127
Chloromethane	25.0	23.9		ug/L		95	68 - 124
cis-1,2-Dichloroethene	25.0	27.9		ug/L		112	74 - 124
cis-1,3-Dichloropropene	25.0	29.7		ug/L		119	74 - 124
Cyclohexane	25.0	20.2		ug/L		81	59 - 135
Dichlorodifluoromethane	25.0	22.0		ug/L		88	59 - 135
Ethylbenzene	25.0	25.7		ug/L		103	77 - 123
Isopropylbenzene	25.0	28.6		ug/L		114	77 - 122
Methyl acetate	50.0	59.5		ug/L		119	74 - 133
Methyl tert-butyl ether	25.0	29.3		ug/L		117	77 - 120
Methylcyclohexane	25.0	21.9		ug/L		88	68 - 134
Methylene Chloride	25.0	31.4	*+	ug/L		125	75 - 124
Styrene	25.0	30.2	*+	ug/L		121	80 - 120
Tetrachloroethene	25.0	25.6		ug/L		102	74 - 122
Toluene	25.0	25.0		ug/L		100	80 - 122
trans-1,2-Dichloroethene	25.0	25.3		ug/L		101	73 - 127
trans-1,3-Dichloropropene	25.0	29.3		ug/L		117	80 - 120
Trichloroethene	25.0	26.2		ug/L		105	74 - 123
Trichlorofluoromethane	25.0	26.3		ug/L		105	62 - 150
Vinyl chloride	25.0	23.7		ug/L		95	65 - 133

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*92*		*77 - 120*
Toluene-d8 (Surr)	*84*		*80 - 120*
4-Bromofluorobenzene (Surr)	*87*		*73 - 120*
Dibromofluoromethane (Surr)	*91*		*75 - 123*

Lab Sample ID: MB 480-644494/13
Matrix: Water
Analysis Batch: 644494

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	ND		1.0	0.82	ug/L			10/07/22 18:28	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			10/07/22 18:28	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			10/07/22 18:28	1
1,1,2-Trichlorotrifluoroethane	ND		1.0	0.31	ug/L			10/07/22 18:28	1

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

Lab Sample ID: MB 480-644494/13
Matrix: Water
Analysis Batch: 644494

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	ND		1.0	0.38	ug/L			10/07/22 18:28	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			10/07/22 18:28	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			10/07/22 18:28	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			10/07/22 18:28	1
1,2-Dibromoethane (EDB)	ND		1.0	0.73	ug/L			10/07/22 18:28	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			10/07/22 18:28	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			10/07/22 18:28	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			10/07/22 18:28	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			10/07/22 18:28	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			10/07/22 18:28	1
2-Hexanone	ND		5.0	1.2	ug/L			10/07/22 18:28	1
2-Butanone (MEK)	ND		10	1.3	ug/L			10/07/22 18:28	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			10/07/22 18:28	1
Acetone	ND		10	3.0	ug/L			10/07/22 18:28	1
Benzene	ND		1.0	0.41	ug/L			10/07/22 18:28	1
Bromodichloromethane	ND		1.0	0.39	ug/L			10/07/22 18:28	1
Bromoform	ND		1.0	0.26	ug/L			10/07/22 18:28	1
Bromomethane	ND		1.0	0.69	ug/L			10/07/22 18:28	1
Carbon disulfide	ND		1.0	0.19	ug/L			10/07/22 18:28	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			10/07/22 18:28	1
Chlorobenzene	ND		1.0	0.75	ug/L			10/07/22 18:28	1
Chlorodibromomethane	ND		1.0	0.32	ug/L			10/07/22 18:28	1
Chloroethane	ND		1.0	0.32	ug/L			10/07/22 18:28	1
Chloroform	ND		1.0	0.34	ug/L			10/07/22 18:28	1
Chloromethane	ND		1.0	0.35	ug/L			10/07/22 18:28	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			10/07/22 18:28	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			10/07/22 18:28	1
Cyclohexane	ND		1.0	0.18	ug/L			10/07/22 18:28	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			10/07/22 18:28	1
Ethylbenzene	ND		1.0	0.74	ug/L			10/07/22 18:28	1
Isopropylbenzene	ND		1.0	0.79	ug/L			10/07/22 18:28	1
Methyl acetate	ND		1.3	1.3	ug/L			10/07/22 18:28	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			10/07/22 18:28	1
Methylcyclohexane	ND		1.0	0.16	ug/L			10/07/22 18:28	1
Methylene Chloride	ND		1.0	0.44	ug/L			10/07/22 18:28	1
Styrene	ND		1.0	0.73	ug/L			10/07/22 18:28	1
Tetrachloroethene	ND		1.0	0.36	ug/L			10/07/22 18:28	1
Toluene	ND		1.0	0.51	ug/L			10/07/22 18:28	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			10/07/22 18:28	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			10/07/22 18:28	1
Trichloroethene	ND		1.0	0.46	ug/L			10/07/22 18:28	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			10/07/22 18:28	1
Vinyl chloride	ND		1.0	0.90	ug/L			10/07/22 18:28	1
Xylenes, Total	ND		2.0	0.66	ug/L			10/07/22 18:28	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*99*		*77 - 120*		*10/07/22 18:28*	*1*
Toluene-d8 (Surr)	*95*		*80 - 120*		*10/07/22 18:28*	*1*

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

Lab Sample ID: MB 480-644494/13
Matrix: Water
Analysis Batch: 644494

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

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	*95*		*73 - 120*		*10/07/22 18:28*	*1*
Dibromofluoromethane (Surr)	*102*		*75 - 123*		*10/07/22 18:28*	*1*

Lab Sample ID: LCS 480-644494/9
Matrix: Water
Analysis Batch: 644494

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1-Trichloroethane	25.0	23.9		ug/L		96	73 - 126
1,1,2,2-Tetrachloroethane	25.0	23.0		ug/L		92	76 - 120
1,1,2-Trichloroethane	25.0	21.8		ug/L		87	76 - 122
1,1,2-Trichlorotrifluoroethane	25.0	23.3		ug/L		93	61 - 148
1,1-Dichloroethane	25.0	23.6		ug/L		94	77 - 120
1,1-Dichloroethene	25.0	23.6		ug/L		94	66 - 127
1,2,4-Trichlorobenzene	25.0	23.3		ug/L		93	79 - 122
1,2-Dibromo-3-Chloropropane	25.0	23.4		ug/L		94	56 - 134
1,2-Dibromoethane (EDB)	25.0	23.9		ug/L		96	77 - 120
1,2-Dichlorobenzene	25.0	22.7		ug/L		91	80 - 124
1,2-Dichloroethane	25.0	24.1		ug/L		96	75 - 120
1,2-Dichloropropane	25.0	24.1		ug/L		96	76 - 120
1,3-Dichlorobenzene	25.0	23.2		ug/L		93	77 - 120
1,4-Dichlorobenzene	25.0	23.2		ug/L		93	80 - 120
2-Hexanone	125	124		ug/L		99	65 - 127
2-Butanone (MEK)	125	129		ug/L		103	57 - 140
4-Methyl-2-pentanone (MIBK)	125	117		ug/L		94	71 - 125
Acetone	125	140		ug/L		112	56 - 142
Benzene	25.0	23.6		ug/L		94	71 - 124
Bromodichloromethane	25.0	23.5		ug/L		94	80 - 122
Bromoform	25.0	26.7		ug/L		107	61 - 132
Bromomethane	25.0	24.6		ug/L		98	55 - 144
Carbon disulfide	25.0	23.8		ug/L		95	59 - 134
Carbon tetrachloride	25.0	24.9		ug/L		100	72 - 134
Chlorobenzene	25.0	23.2		ug/L		93	80 - 120
Chlorodibromomethane	25.0	25.2		ug/L		101	75 - 125
Chloroethane	25.0	24.0		ug/L		96	69 - 136
Chloroform	25.0	23.3		ug/L		93	73 - 127
Chloromethane	25.0	23.8		ug/L		95	68 - 124
cis-1,2-Dichloroethene	25.0	24.3		ug/L		97	74 - 124
cis-1,3-Dichloropropene	25.0	24.9		ug/L		100	74 - 124
Cyclohexane	25.0	22.1		ug/L		89	59 - 135
Dichlorodifluoromethane	25.0	24.6		ug/L		99	59 - 135
Ethylbenzene	25.0	23.2		ug/L		93	77 - 123
Isopropylbenzene	25.0	23.2		ug/L		93	77 - 122
Methyl acetate	50.0	50.8		ug/L		102	74 - 133
Methyl tert-butyl ether	25.0	26.2		ug/L		105	77 - 120
Methylcyclohexane	25.0	24.6		ug/L		98	68 - 134
Methylene Chloride	25.0	24.3		ug/L		97	75 - 124
Styrene	25.0	23.7		ug/L		95	80 - 120

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

Lab Sample ID: LCS 480-644494/9
Matrix: Water
Analysis Batch: 644494

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	24.4		ug/L		98	74 - 122		
Toluene			25.0	22.7		ug/L		91	80 - 122		
trans-1,2-Dichloroethene			25.0	24.6		ug/L		98	73 - 127		
trans-1,3-Dichloropropene			25.0	23.9		ug/L		95	80 - 120		
Trichloroethene			25.0	24.2		ug/L		97	74 - 123		
Trichlorofluoromethane			25.0	25.8		ug/L		103	62 - 150		
Vinyl chloride			25.0	26.3		ug/L		105	65 - 133		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*103*		*77 - 120*
Toluene-d8 (Surr)	*100*		*80 - 120*
4-Bromofluorobenzene (Surr)	*104*		*73 - 120*
Dibromofluoromethane (Surr)	*105*		*75 - 123*

Lab Sample ID: LCSD 480-644494/34
Matrix: Water
Analysis Batch: 644494

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

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1,1-Trichloroethane			25.0	21.8		ug/L		87	73 - 126	9	15
1,1,2,2-Tetrachloroethane			25.0	22.1		ug/L		88	76 - 120	4	15
1,1,2-Trichloroethane			25.0	20.7		ug/L		83	76 - 122	5	15
1,1,2-Trichlorotrifluoroethane			25.0	20.2		ug/L		81	61 - 148	14	20
1,1-Dichloroethane			25.0	22.2		ug/L		89	77 - 120	6	20
1,1-Dichloroethene			25.0	21.8		ug/L		87	66 - 127	8	16
1,2,4-Trichlorobenzene			25.0	21.8		ug/L		87	79 - 122	7	20
1,2-Dibromo-3-Chloropropane			25.0	22.9		ug/L		92	56 - 134	2	15
1,2-Dibromoethane (EDB)			25.0	23.0		ug/L		92	77 - 120	4	15
1,2-Dichlorobenzene			25.0	21.5		ug/L		86	80 - 124	5	20
1,2-Dichloroethane			25.0	23.0		ug/L		92	75 - 120	4	20
1,2-Dichloropropane			25.0	22.9		ug/L		92	76 - 120	5	20
1,3-Dichlorobenzene			25.0	21.7		ug/L		87	77 - 120	7	20
1,4-Dichlorobenzene			25.0	21.6		ug/L		86	80 - 120	7	20
2-Hexanone			125	119		ug/L		96	65 - 127	4	15
2-Butanone (MEK)			125	137		ug/L		109	57 - 140	6	20
4-Methyl-2-pentanone (MIBK)			125	120		ug/L		96	71 - 125	3	35
Acetone			125	151		ug/L		121	56 - 142	8	15
Benzene			25.0	22.3		ug/L		89	71 - 124	6	13
Bromodichloromethane			25.0	22.6		ug/L		90	80 - 122	4	15
Bromoform			25.0	25.4		ug/L		102	61 - 132	5	15
Bromomethane			25.0	22.9		ug/L		92	55 - 144	7	15
Carbon disulfide			25.0	21.0		ug/L		84	59 - 134	13	15
Carbon tetrachloride			25.0	23.3		ug/L		93	72 - 134	7	15
Chlorobenzene			25.0	21.9		ug/L		88	80 - 120	6	25
Chlorodibromomethane			25.0	23.8		ug/L		95	75 - 125	6	15
Chloroethane			25.0	21.5		ug/L		86	69 - 136	11	15
Chloroform			25.0	21.7		ug/L		87	73 - 127	8	20
Chloromethane			25.0	22.8		ug/L		91	68 - 124	4	15

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

Lab Sample ID: LCSD 480-644494/34
Matrix: Water
Analysis Batch: 644494

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
cis-1,2-Dichloroethene			25.0	23.6		ug/L		95	74 - 124	3	15
cis-1,3-Dichloropropene			25.0	22.9		ug/L		92	74 - 124	8	15
Cyclohexane			25.0	20.8		ug/L		83	59 - 135	6	20
Dichlorodifluoromethane			25.0	24.9		ug/L		100	59 - 135	1	20
Ethylbenzene			25.0	21.0		ug/L		84	77 - 123	10	15
Isopropylbenzene			25.0	21.3		ug/L		85	77 - 122	8	20
Methyl acetate			50.0	60.9		ug/L		122	74 - 133	18	20
Methyl tert-butyl ether			25.0	26.3		ug/L		105	77 - 120	1	37
Methylcyclohexane			25.0	22.5		ug/L		90	68 - 134	9	20
Methylene Chloride			25.0	23.3		ug/L		93	75 - 124	4	15
Styrene			25.0	21.9		ug/L		88	80 - 120	8	20
Tetrachloroethene			25.0	22.7		ug/L		91	74 - 122	7	20
Toluene			25.0	20.7		ug/L		83	80 - 122	9	15
trans-1,2-Dichloroethene			25.0	22.4		ug/L		90	73 - 127	9	20
trans-1,3-Dichloropropene			25.0	21.9		ug/L		88	80 - 120	9	15
Trichloroethene			25.0	22.4		ug/L		90	74 - 123	8	16
Trichlorofluoromethane			25.0	25.5		ug/L		102	62 - 150	1	20
Vinyl chloride			25.0	26.0		ug/L		104	65 - 133	1	15

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*108*		*77 - 120*
Toluene-d8 (Surr)	*98*		*80 - 120*
4-Bromofluorobenzene (Surr)	*100*		*73 - 120*
Dibromofluoromethane (Surr)	*109*		*75 - 123*

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 480-643732/28
Matrix: Water
Analysis Batch: 643732

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		0.50	0.28	mg/L			10/03/22 18:14	1
Sulfate	ND		2.0	0.35	mg/L			10/03/22 18:14	1

Lab Sample ID: LCS 480-643732/29
Matrix: Water
Analysis Batch: 643732

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

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride			50.1	48.19		mg/L		96	90 - 110
Sulfate			50.0	48.12		mg/L		96	90 - 110

Lab Sample ID: 480-202113-2 MS
Matrix: Water
Analysis Batch: 643732

Client Sample ID: MW6D 092722
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	265		251	496.8		mg/L		92	81 - 120

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: 480-202113-2 MS
Matrix: Water
Analysis Batch: 643732

Client Sample ID: MW6D 092722
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Sulfate	244		250	473.8		mg/L		92	80 - 120

Lab Sample ID: MB 480-643771/28
Matrix: Water
Analysis Batch: 643771

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		0.50	0.28	mg/L			10/04/22 01:41	1
Sulfate	ND		2.0	0.35	mg/L			10/04/22 01:41	1

Lab Sample ID: MB 480-643771/4
Matrix: Water
Analysis Batch: 643771

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		0.50	0.28	mg/L			10/03/22 17:51	1
Sulfate	ND		2.0	0.35	mg/L			10/03/22 17:51	1

Lab Sample ID: LCS 480-643771/29
Matrix: Water
Analysis Batch: 643771

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	50.1	49.62		mg/L		99	90 - 110
Sulfate	50.0	49.98		mg/L		100	90 - 110

Lab Sample ID: LCS 480-643771/5
Matrix: Water
Analysis Batch: 643771

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	50.1	49.84		mg/L		99	90 - 110
Sulfate	50.0	50.21		mg/L		100	90 - 110

Lab Sample ID: 480-202113-4 MS
Matrix: Water
Analysis Batch: 643771

Client Sample ID: MW1S 092722
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	1330		1000	2162		mg/L		83	81 - 120
Sulfate	253		1000	1235		mg/L		98	80 - 120

Lab Sample ID: 480-202113-13 MS
Matrix: Water
Analysis Batch: 643771

Client Sample ID: MW8DD 092822
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	294	F1	251	483.0	F1	mg/L		75	81 - 120
Sulfate	335	F1	250	461.0	F1	mg/L		50	80 - 120

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: 480-202113-13 MSD
Matrix: Water
Analysis Batch: 643771

Client Sample ID: MW8DD 092822
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	294	F1	251	534.4		mg/L		96	81 - 120	10	15
Sulfate	335	F1	250	515.9	F1	mg/L		72	80 - 120	11	15

Lab Sample ID: MB 480-643966/28
Matrix: Water
Analysis Batch: 643966

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		0.50	0.28	mg/L			10/05/22 01:34	1
Sulfate	ND		2.0	0.35	mg/L			10/05/22 01:34	1

Lab Sample ID: MB 480-643966/4
Matrix: Water
Analysis Batch: 643966

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		0.50	0.28	mg/L			10/04/22 17:43	1
Sulfate	ND		2.0	0.35	mg/L			10/04/22 17:43	1

Lab Sample ID: LCS 480-643966/29
Matrix: Water
Analysis Batch: 643966

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	50.1	49.81		mg/L		99	90 - 110
Sulfate	50.0	50.24		mg/L		100	90 - 110

Lab Sample ID: LCS 480-643966/5
Matrix: Water
Analysis Batch: 643966

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	50.1	49.81		mg/L		99	90 - 110
Sulfate	50.0	50.27		mg/L		101	90 - 110

Lab Sample ID: 480-202150-2 MS
Matrix: Water
Analysis Batch: 643966

Client Sample ID: MW4D 092922
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	285		251	514.7		mg/L		92	81 - 120
Sulfate	347		250	579.3		mg/L		93	80 - 120

Method: 310.2_ASP - Alkalinity - Colorimetric

Lab Sample ID: MB 480-643619/161
Matrix: Water
Analysis Batch: 643619

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Alkalinity, Bicarbonate	ND		10.0	4.0	mg/L			10/02/22 13:35	1

Lab Sample ID: MB 480-643619/172
Matrix: Water
Analysis Batch: 643619

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Alkalinity, Bicarbonate	ND		10.0	4.0	mg/L			10/02/22 13:40	1

Lab Sample ID: MB 480-643619/18
Matrix: Water
Analysis Batch: 643619

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Alkalinity, Bicarbonate	ND		10.0	4.0	mg/L			10/02/22 10:46	1

Lab Sample ID: MB 480-643619/180
Matrix: Water
Analysis Batch: 643619

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Alkalinity, Bicarbonate	ND		10.0	4.0	mg/L			10/02/22 13:46	1

Lab Sample ID: MB 480-643619/196
Matrix: Water
Analysis Batch: 643619

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Alkalinity, Bicarbonate	4.34	J	10.0	4.0	mg/L			10/02/22 14:01	1

Lab Sample ID: MB 480-643619/203
Matrix: Water
Analysis Batch: 643619

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Alkalinity, Bicarbonate	ND		10.0	4.0	mg/L			10/02/22 14:40	1

Lab Sample ID: MB 480-643619/219
Matrix: Water
Analysis Batch: 643619

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Alkalinity, Bicarbonate	ND		10.0	4.0	mg/L			10/02/22 14:51	1

Lab Sample ID: MB 480-643619/22
Matrix: Water
Analysis Batch: 643619

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Alkalinity, Bicarbonate	6.26	J	10.0	4.0	mg/L			10/02/22 11:14	1

Method: 310.2_ASP - Alkalinity - Colorimetric

Lab Sample ID: MB 480-643619/229
Matrix: Water
Analysis Batch: 643619

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Alkalinity, Bicarbonate	ND		10.0	4.0	mg/L			10/02/22 15:00	1

Lab Sample ID: LCS 480-643619/171
Matrix: Water
Analysis Batch: 643619

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Alkalinity, Bicarbonate	50.0	54.65		mg/L		109	90 - 110

Lab Sample ID: LCS 480-643619/179
Matrix: Water
Analysis Batch: 643619

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Alkalinity, Bicarbonate	50.0	53.37		mg/L		107	90 - 110

Lab Sample ID: LCS 480-643619/202
Matrix: Water
Analysis Batch: 643619

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Alkalinity, Bicarbonate	50.0	54.14		mg/L		108	90 - 110

Lab Sample ID: LCS 480-643619/21
Matrix: Water
Analysis Batch: 643619

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Alkalinity, Bicarbonate	50.0	52.02		mg/L		104	90 - 110

Lab Sample ID: LCS 480-643619/218
Matrix: Water
Analysis Batch: 643619

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Alkalinity, Bicarbonate	50.0	53.76		mg/L		108	90 - 110

Lab Sample ID: LCS 480-643619/228
Matrix: Water
Analysis Batch: 643619

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Alkalinity, Bicarbonate	50.0	52.57		mg/L		105	90 - 110

Lab Sample ID: 480-202113-2 MS
Matrix: Water
Analysis Batch: 643619

Client Sample ID: MW6D 092722
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Alkalinity, Bicarbonate	354		20.0	358.8	4	mg/L		26	60 - 140

Method: 310.2_ASP - Alkalinity - Colorimetric

Lab Sample ID: 480-202113-2 MSD
Matrix: Water
Analysis Batch: 643619

Client Sample ID: MW6D 092722
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Alkalinity, Bicarbonate	354		20.0	341.1	4	mg/L		-63	60 - 140	5	20

Lab Sample ID: 480-202113-13 MS
Matrix: Water
Analysis Batch: 643619

Client Sample ID: MW8DD 092822
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Alkalinity, Bicarbonate	288	B	20.0	315.1	4	mg/L		135	60 - 140

Lab Sample ID: 480-202113-13 MSD
Matrix: Water
Analysis Batch: 643619

Client Sample ID: MW8DD 092822
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Alkalinity, Bicarbonate	288	B	20.0	310.9	4	mg/L		114	60 - 140	1	20

Lab Sample ID: MB 480-643976/63
Matrix: Water
Analysis Batch: 643976

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Alkalinity, Bicarbonate	ND		10.0	4.0	mg/L			10/04/22 15:07	1

Lab Sample ID: MB 480-643976/72
Matrix: Water
Analysis Batch: 643976

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Alkalinity, Bicarbonate	ND		10.0	4.0	mg/L			10/04/22 15:10	1

Lab Sample ID: LCS 480-643976/71
Matrix: Water
Analysis Batch: 643976

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Alkalinity, Bicarbonate	50.0	48.48		mg/L		97	90 - 110

Lab Sample ID: 480-202113-1 MS
Matrix: Water
Analysis Batch: 643976

Client Sample ID: MW6DD 092722
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Alkalinity, Bicarbonate	300		20.0	323.9	4	mg/L		122	60 - 140

Lab Sample ID: 480-202113-1 MSD
Matrix: Water
Analysis Batch: 643976

Client Sample ID: MW6DD 092722
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Alkalinity, Bicarbonate	300		20.0	319.0	4	mg/L		97	60 - 140	2	20

Method: 310.2_ASP - Alkalinity - Colorimetric

Lab Sample ID: MB 480-644428/18
Matrix: Water
Analysis Batch: 644428

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Alkalinity, Bicarbonate	ND		10.0	4.0	mg/L			10/06/22 11:43	1

Lab Sample ID: MB 480-644428/22
Matrix: Water
Analysis Batch: 644428

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Alkalinity, Bicarbonate	4.34	J	10.0	4.0	mg/L			10/06/22 13:30	1

Lab Sample ID: LCS 480-644428/21
Matrix: Water
Analysis Batch: 644428

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Alkalinity, Bicarbonate	50.0	52.91		mg/L		106	90 - 110

Lab Sample ID: 480-202150-1 MS
Matrix: Water
Analysis Batch: 644428

Client Sample ID: MW10D 092922
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Alkalinity, Bicarbonate	293	B	20.0	312.9	4	mg/L		98	60 - 140

Lab Sample ID: 480-202150-1 MSD
Matrix: Water
Analysis Batch: 644428

Client Sample ID: MW10D 092922
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Alkalinity, Bicarbonate	293	B	20.0	308.3	4	mg/L		75	60 - 140	2	20

Method: 353.2 - Nitrogen, Nitrite

Lab Sample ID: MB 480-643223/3
Matrix: Water
Analysis Batch: 643223

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrite as N	ND		0.050	0.020	mg/L			09/28/22 22:12	1

Lab Sample ID: LCS 480-643223/4
Matrix: Water
Analysis Batch: 643223

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Nitrite as N	1.50	1.56		mg/L		104	90 - 110

Method: 353.2 - Nitrogen, Nitrite (Continued)

Lab Sample ID: 480-202113-13 MS
Matrix: Water
Analysis Batch: 643223

Client Sample ID: MW8DD 092822
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Nitrite as N	ND		1.00	0.999		mg/L		100	90 - 110		

Lab Sample ID: 480-202113-13 MSD
Matrix: Water
Analysis Batch: 643223

Client Sample ID: MW8DD 092822
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	ND		1.00	0.979		mg/L		98	90 - 110	2	20

Lab Sample ID: 480-202113-12 DU
Matrix: Water
Analysis Batch: 643223

Client Sample ID: MW7S 092822
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Nitrite as N	0.033	J		0.0270	J	mg/L				19	20

Method: SM 4500 S2 F - Sulfide, Total

Lab Sample ID: MB 480-643515/27
Matrix: Water
Analysis Batch: 643515

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfide	ND		1.0	0.67	mg/L			09/30/22 10:35	1

Lab Sample ID: MB 480-643515/3
Matrix: Water
Analysis Batch: 643515

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfide	ND		1.0	0.67	mg/L			09/30/22 10:35	1

Lab Sample ID: LCS 480-643515/28
Matrix: Water
Analysis Batch: 643515

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

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Sulfide			9.20	9.20		mg/L		100	90 - 110		

Lab Sample ID: LCS 480-643515/4
Matrix: Water
Analysis Batch: 643515

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

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Sulfide			9.20	9.20		mg/L		100	90 - 110		

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

Lab Sample ID: 480-202113-13 MS
Matrix: Water
Analysis Batch: 643515

Client Sample ID: MW8DD 092822
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Sulfide	ND		9.00	11.20		mg/L		124	40 - 150		

Lab Sample ID: 480-202113-13 MSD
Matrix: Water
Analysis Batch: 643515

Client Sample ID: MW8DD 092822
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Sulfide	ND		9.00	11.20		mg/L		124	40 - 150	0	20

Lab Sample ID: MB 480-643738/3
Matrix: Water
Analysis Batch: 643738

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfide	ND		1.0	0.67	mg/L			10/03/22 11:10	1

Lab Sample ID: LCS 480-643738/4
Matrix: Water
Analysis Batch: 643738

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

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Sulfide			9.20	9.20		mg/L		100	90 - 110		

Lab Sample ID: 480-202150-3 DU
Matrix: Water
Analysis Batch: 643738

Client Sample ID: MW10S 092922
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Sulfide	ND			ND		mg/L				NC	20

Method: SM 5310C - Organic Carbon, Dissolved (DOC)

Lab Sample ID: MB 480-643993/28
Matrix: Water
Analysis Batch: 643993

Client Sample ID: Method Blank
Prep Type: Dissolved

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dissolved Organic Carbon - Duplicate	ND		1.0	0.43	mg/L			10/04/22 00:52	1

Lab Sample ID: MB 480-643993/4
Matrix: Water
Analysis Batch: 643993

Client Sample ID: Method Blank
Prep Type: Dissolved

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dissolved Organic Carbon - Duplicate	ND		1.0	0.43	mg/L			10/03/22 18:33	1

Method: SM 5310C - Organic Carbon, Dissolved (DOC) (Continued)

Lab Sample ID: MB 480-643993/52
Matrix: Water
Analysis Batch: 643993

Client Sample ID: Method Blank
Prep Type: Dissolved

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dissolved Organic Carbon - Duplicate	ND		1.0	0.43	mg/L			10/04/22 07:15	1

Lab Sample ID: LCS 480-643993/29
Matrix: Water
Analysis Batch: 643993

Client Sample ID: Lab Control Sample
Prep Type: Dissolved

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Dissolved Organic Carbon - Duplicate			60.0	59.65		mg/L		99	90 - 110		

Lab Sample ID: LCS 480-643993/53
Matrix: Water
Analysis Batch: 643993

Client Sample ID: Lab Control Sample
Prep Type: Dissolved

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Dissolved Organic Carbon - Duplicate			60.0	58.18		mg/L		97	90 - 110		

Lab Sample ID: 480-202113-13 MS
Matrix: Water
Analysis Batch: 643993

Client Sample ID: MW8DD 092822
Prep Type: Dissolved

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Dissolved Organic Carbon - Duplicate	6.9		23.3	29.51		mg/L		97	54 - 131		

Lab Sample ID: 480-202113-13 MSD
Matrix: Water
Analysis Batch: 643993

Client Sample ID: MW8DD 092822
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 - Duplicate	6.9		23.3	29.29		mg/L		96	54 - 131	1	20

Lab Sample ID: MB 480-644482/52
Matrix: Water
Analysis Batch: 644482

Client Sample ID: Method Blank
Prep Type: Dissolved

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dissolved Organic Carbon - Duplicate	ND		1.0	0.43	mg/L			10/07/22 04:18	1

Lab Sample ID: LCS 480-644482/53
Matrix: Water
Analysis Batch: 644482

Client Sample ID: Lab Control Sample
Prep Type: Dissolved

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Dissolved Organic Carbon - Duplicate			60.0	61.38		mg/L		102	90 - 110		

Method: SM 5310C - Organic Carbon, Dissolved (DOC) (Continued)

Lab Sample ID: MB 480-644943/104
Matrix: Water
Analysis Batch: 644943

Client Sample ID: Method Blank
Prep Type: Dissolved

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dissolved Organic Carbon - Duplicate	ND		1.0	0.43	mg/L			10/10/22 18:48	1

Lab Sample ID: MB 480-644943/128
Matrix: Water
Analysis Batch: 644943

Client Sample ID: Method Blank
Prep Type: Dissolved

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dissolved Organic Carbon - Duplicate	ND		1.0	0.43	mg/L			10/11/22 01:10	1

Lab Sample ID: LCS 480-644943/105
Matrix: Water
Analysis Batch: 644943

Client Sample ID: Lab Control Sample
Prep Type: Dissolved

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Dissolved Organic Carbon - Duplicate	60.0	58.06		mg/L		97	90 - 110

Lab Sample ID: LCS 480-644943/129
Matrix: Water
Analysis Batch: 644943

Client Sample ID: Lab Control Sample
Prep Type: Dissolved

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Dissolved Organic Carbon - Duplicate	60.0	57.65		mg/L		96	90 - 110

GC/MS VOA

Analysis Batch: 643447

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-202113-1	MW6DD 092722	Total/NA	Water	8260C	
480-202113-2	MW6D 092722	Total/NA	Water	8260C	
480-202113-3	MW6S 092722	Total/NA	Water	8260C	
480-202113-4	MW1S 092722	Total/NA	Water	8260C	
480-202113-5	MW5D 092722	Total/NA	Water	8260C	
480-202113-6	MW1D 092722	Total/NA	Water	8260C	
480-202113-8	MW8D 092822	Total/NA	Water	8260C	
480-202113-9	MW7D 092822	Total/NA	Water	8260C	
480-202113-10	X-1 092822	Total/NA	Water	8260C	
480-202113-11	MW8S 092822	Total/NA	Water	8260C	
480-202113-12	MW7S 092822	Total/NA	Water	8260C	
480-202113-13	MW8DD 092822	Total/NA	Water	8260C	
480-202113-14	MW7DD 092822	Total/NA	Water	8260C	
480-202113-15	TRIP BLANK	Total/NA	Water	8260C	
MB 480-643447/8	Method Blank	Total/NA	Water	8260C	
LCS 480-643447/5	Lab Control Sample	Total/NA	Water	8260C	
LCSD 480-643447/6	Lab Control Sample Dup	Total/NA	Water	8260C	
480-202113-13 MS	MW8DD 092822	Total/NA	Water	8260C	
480-202113-13 MSD	MW8DD 092822	Total/NA	Water	8260C	

Analysis Batch: 643654

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-202113-7	MW5S 092722	Total/NA	Water	8260C	
MB 480-643654/7	Method Blank	Total/NA	Water	8260C	
LCS 480-643654/5	Lab Control Sample	Total/NA	Water	8260C	

Analysis Batch: 643837

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-202150-1	MW10D 092922	Total/NA	Water	8260C	
480-202150-2	MW4D 092922	Total/NA	Water	8260C	
480-202150-4	QC TRIP BLANKS	Total/NA	Water	8260C	
MB 480-643837/7	Method Blank	Total/NA	Water	8260C	
LCS 480-643837/5	Lab Control Sample	Total/NA	Water	8260C	

Analysis Batch: 644494

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-202150-3	MW10S 092922	Total/NA	Water	8260C	
MB 480-644494/13	Method Blank	Total/NA	Water	8260C	
LCS 480-644494/9	Lab Control Sample	Total/NA	Water	8260C	
LCSD 480-644494/34	Lab Control Sample Dup	Total/NA	Water	8260C	

General Chemistry

Analysis Batch: 643223

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-202113-9	MW7D 092822	Total/NA	Water	353.2	
480-202113-12	MW7S 092822	Total/NA	Water	353.2	
480-202113-13	MW8DD 092822	Total/NA	Water	353.2	
MB 480-643223/3	Method Blank	Total/NA	Water	353.2	
LCS 480-643223/4	Lab Control Sample	Total/NA	Water	353.2	
480-202113-13 MS	MW8DD 092822	Total/NA	Water	353.2	

General Chemistry (Continued)

Analysis Batch: 643223 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-202113-13 MSD	MW8DD 092822	Total/NA	Water	353.2	
480-202113-12 DU	MW7S 092822	Total/NA	Water	353.2	

Analysis Batch: 643227

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-202113-1	MW6DD 092722	Total/NA	Water	353.2	
480-202113-2	MW6D 092722	Total/NA	Water	353.2	
480-202113-3	MW6S 092722	Total/NA	Water	353.2	
480-202113-4	MW1S 092722	Total/NA	Water	353.2	
480-202113-5	MW5D 092722	Total/NA	Water	353.2	
480-202113-6	MW1D 092722	Total/NA	Water	353.2	
480-202113-7	MW5S 092722	Total/NA	Water	353.2	
480-202113-8	MW8D 092822	Total/NA	Water	353.2	
480-202113-9	MW7D 092822	Total/NA	Water	353.2	
480-202113-10	X-1 092822	Total/NA	Water	353.2	
480-202113-11	MW8S 092822	Total/NA	Water	353.2	
480-202113-12	MW7S 092822	Total/NA	Water	353.2	
480-202113-13	MW8DD 092822	Total/NA	Water	353.2	
480-202113-14	MW7DD 092822	Total/NA	Water	353.2	

Analysis Batch: 643228

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-202113-1	MW6DD 092722	Total/NA	Water	353.2	
480-202113-2	MW6D 092722	Total/NA	Water	353.2	
480-202113-3	MW6S 092722	Total/NA	Water	353.2	
480-202113-4	MW1S 092722	Total/NA	Water	353.2	
480-202113-5	MW5D 092722	Total/NA	Water	353.2	
480-202113-6	MW1D 092722	Total/NA	Water	353.2	
480-202113-7	MW5S 092722	Total/NA	Water	353.2	
480-202113-8	MW8D 092822	Total/NA	Water	353.2	
480-202113-10	X-1 092822	Total/NA	Water	353.2	
480-202113-11	MW8S 092822	Total/NA	Water	353.2	
480-202113-14	MW7DD 092822	Total/NA	Water	353.2	

Analysis Batch: 643423

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-202150-1	MW10D 092922	Total/NA	Water	353.2	
480-202150-2	MW4D 092922	Total/NA	Water	353.2	
480-202150-3	MW10S 092922	Total/NA	Water	353.2	

Analysis Batch: 643424

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-202150-1	MW10D 092922	Total/NA	Water	353.2	
480-202150-2	MW4D 092922	Total/NA	Water	353.2	
480-202150-3	MW10S 092922	Total/NA	Water	353.2	

Analysis Batch: 643515

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-202113-1	MW6DD 092722	Total/NA	Water	SM 4500 S2 F	
480-202113-2	MW6D 092722	Total/NA	Water	SM 4500 S2 F	
480-202113-3	MW6S 092722	Total/NA	Water	SM 4500 S2 F	

General Chemistry (Continued)

Analysis Batch: 643515 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-202113-4	MW1S 092722	Total/NA	Water	SM 4500 S2 F	
480-202113-5	MW5D 092722	Total/NA	Water	SM 4500 S2 F	
480-202113-6	MW1D 092722	Total/NA	Water	SM 4500 S2 F	
480-202113-7	MW5S 092722	Total/NA	Water	SM 4500 S2 F	
480-202113-8	MW8D 092822	Total/NA	Water	SM 4500 S2 F	
480-202113-9	MW7D 092822	Total/NA	Water	SM 4500 S2 F	
480-202113-10	X-1 092822	Total/NA	Water	SM 4500 S2 F	
480-202113-11	MW8S 092822	Total/NA	Water	SM 4500 S2 F	
480-202113-12	MW7S 092822	Total/NA	Water	SM 4500 S2 F	
480-202113-13	MW8DD 092822	Total/NA	Water	SM 4500 S2 F	
480-202113-14	MW7DD 092822	Total/NA	Water	SM 4500 S2 F	
MB 480-643515/27	Method Blank	Total/NA	Water	SM 4500 S2 F	
MB 480-643515/3	Method Blank	Total/NA	Water	SM 4500 S2 F	
LCS 480-643515/28	Lab Control Sample	Total/NA	Water	SM 4500 S2 F	
LCS 480-643515/4	Lab Control Sample	Total/NA	Water	SM 4500 S2 F	
480-202113-13 MS	MW8DD 092822	Total/NA	Water	SM 4500 S2 F	
480-202113-13 MSD	MW8DD 092822	Total/NA	Water	SM 4500 S2 F	

Analysis Batch: 643619

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-202113-2	MW6D 092722	Total/NA	Water	310.2_ASP	
480-202113-3	MW6S 092722	Total/NA	Water	310.2_ASP	
480-202113-4	MW1S 092722	Total/NA	Water	310.2_ASP	
480-202113-5	MW5D 092722	Total/NA	Water	310.2_ASP	
480-202113-6	MW1D 092722	Total/NA	Water	310.2_ASP	
480-202113-7	MW5S 092722	Total/NA	Water	310.2_ASP	
480-202113-8	MW8D 092822	Total/NA	Water	310.2_ASP	
480-202113-9	MW7D 092822	Total/NA	Water	310.2_ASP	
480-202113-10	X-1 092822	Total/NA	Water	310.2_ASP	
480-202113-11	MW8S 092822	Total/NA	Water	310.2_ASP	
480-202113-12	MW7S 092822	Total/NA	Water	310.2_ASP	
480-202113-13	MW8DD 092822	Total/NA	Water	310.2_ASP	
480-202113-14	MW7DD 092822	Total/NA	Water	310.2_ASP	
MB 480-643619/161	Method Blank	Total/NA	Water	310.2_ASP	
MB 480-643619/172	Method Blank	Total/NA	Water	310.2_ASP	
MB 480-643619/18	Method Blank	Total/NA	Water	310.2_ASP	
MB 480-643619/180	Method Blank	Total/NA	Water	310.2_ASP	
MB 480-643619/196	Method Blank	Total/NA	Water	310.2_ASP	
MB 480-643619/203	Method Blank	Total/NA	Water	310.2_ASP	
MB 480-643619/219	Method Blank	Total/NA	Water	310.2_ASP	
MB 480-643619/22	Method Blank	Total/NA	Water	310.2_ASP	
MB 480-643619/229	Method Blank	Total/NA	Water	310.2_ASP	
LCS 480-643619/171	Lab Control Sample	Total/NA	Water	310.2_ASP	
LCS 480-643619/179	Lab Control Sample	Total/NA	Water	310.2_ASP	
LCS 480-643619/202	Lab Control Sample	Total/NA	Water	310.2_ASP	
LCS 480-643619/21	Lab Control Sample	Total/NA	Water	310.2_ASP	
LCS 480-643619/218	Lab Control Sample	Total/NA	Water	310.2_ASP	
LCS 480-643619/228	Lab Control Sample	Total/NA	Water	310.2_ASP	
480-202113-2 MS	MW6D 092722	Total/NA	Water	310.2_ASP	
480-202113-2 MSD	MW6D 092722	Total/NA	Water	310.2_ASP	
480-202113-13 MS	MW8DD 092822	Total/NA	Water	310.2_ASP	

General Chemistry (Continued)

Analysis Batch: 643619 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-202113-13 MSD	MW8DD 092822	Total/NA	Water	310.2_ASP	

Analysis Batch: 643732

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-202113-1	MW6DD 092722	Total/NA	Water	300.0	
480-202113-2	MW6D 092722	Total/NA	Water	300.0	
MB 480-643732/28	Method Blank	Total/NA	Water	300.0	
LCS 480-643732/29	Lab Control Sample	Total/NA	Water	300.0	
480-202113-2 MS	MW6D 092722	Total/NA	Water	300.0	

Analysis Batch: 643738

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-202150-1	MW10D 092922	Total/NA	Water	SM 4500 S2 F	
480-202150-2	MW4D 092922	Total/NA	Water	SM 4500 S2 F	
480-202150-3	MW10S 092922	Total/NA	Water	SM 4500 S2 F	
MB 480-643738/3	Method Blank	Total/NA	Water	SM 4500 S2 F	
LCS 480-643738/4	Lab Control Sample	Total/NA	Water	SM 4500 S2 F	
480-202150-3 DU	MW10S 092922	Total/NA	Water	SM 4500 S2 F	

Analysis Batch: 643771

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-202113-3	MW6S 092722	Total/NA	Water	300.0	
480-202113-4	MW1S 092722	Total/NA	Water	300.0	
480-202113-5	MW5D 092722	Total/NA	Water	300.0	
480-202113-6	MW1D 092722	Total/NA	Water	300.0	
480-202113-7	MW5S 092722	Total/NA	Water	300.0	
480-202113-8	MW8D 092822	Total/NA	Water	300.0	
480-202113-9	MW7D 092822	Total/NA	Water	300.0	
480-202113-10	X-1 092822	Total/NA	Water	300.0	
480-202113-11	MW8S 092822	Total/NA	Water	300.0	
480-202113-12	MW7S 092822	Total/NA	Water	300.0	
480-202113-13	MW8DD 092822	Total/NA	Water	300.0	
480-202113-14	MW7DD 092822	Total/NA	Water	300.0	
MB 480-643771/28	Method Blank	Total/NA	Water	300.0	
MB 480-643771/4	Method Blank	Total/NA	Water	300.0	
LCS 480-643771/29	Lab Control Sample	Total/NA	Water	300.0	
LCS 480-643771/5	Lab Control Sample	Total/NA	Water	300.0	
480-202113-4 MS	MW1S 092722	Total/NA	Water	300.0	
480-202113-13 MS	MW8DD 092822	Total/NA	Water	300.0	
480-202113-13 MSD	MW8DD 092822	Total/NA	Water	300.0	

Analysis Batch: 643966

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-202150-1	MW10D 092922	Total/NA	Water	300.0	
480-202150-2	MW4D 092922	Total/NA	Water	300.0	
480-202150-3	MW10S 092922	Total/NA	Water	300.0	
MB 480-643966/28	Method Blank	Total/NA	Water	300.0	
MB 480-643966/4	Method Blank	Total/NA	Water	300.0	
LCS 480-643966/29	Lab Control Sample	Total/NA	Water	300.0	
LCS 480-643966/5	Lab Control Sample	Total/NA	Water	300.0	
480-202150-2 MS	MW4D 092922	Total/NA	Water	300.0	

General Chemistry

Analysis Batch: 643976

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-202113-1	MW6DD 092722	Total/NA	Water	310.2_ASP	
MB 480-643976/63	Method Blank	Total/NA	Water	310.2_ASP	
MB 480-643976/72	Method Blank	Total/NA	Water	310.2_ASP	
LCS 480-643976/71	Lab Control Sample	Total/NA	Water	310.2_ASP	
480-202113-1 MS	MW6DD 092722	Total/NA	Water	310.2_ASP	
480-202113-1 MSD	MW6DD 092722	Total/NA	Water	310.2_ASP	

Analysis Batch: 643993

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-202113-1	MW6DD 092722	Dissolved	Water	SM 5310C	
480-202113-2	MW6D 092722	Dissolved	Water	SM 5310C	
480-202113-3	MW6S 092722	Dissolved	Water	SM 5310C	
480-202113-4	MW1S 092722	Dissolved	Water	SM 5310C	
480-202113-5	MW5D 092722	Dissolved	Water	SM 5310C	
480-202113-6	MW1D 092722	Dissolved	Water	SM 5310C	
480-202113-7	MW5S 092722	Dissolved	Water	SM 5310C	
480-202113-8	MW8D 092822	Dissolved	Water	SM 5310C	
480-202113-9	MW7D 092822	Dissolved	Water	SM 5310C	
480-202113-10	X-1 092822	Dissolved	Water	SM 5310C	
480-202113-11	MW8S 092822	Dissolved	Water	SM 5310C	
480-202113-12	MW7S 092822	Dissolved	Water	SM 5310C	
480-202113-13	MW8DD 092822	Dissolved	Water	SM 5310C	
480-202113-14	MW7DD 092822	Dissolved	Water	SM 5310C	
MB 480-643993/28	Method Blank	Dissolved	Water	SM 5310C	
MB 480-643993/4	Method Blank	Dissolved	Water	SM 5310C	
MB 480-643993/52	Method Blank	Dissolved	Water	SM 5310C	
LCS 480-643993/29	Lab Control Sample	Dissolved	Water	SM 5310C	
LCS 480-643993/5	Lab Control Sample	Dissolved	Water	SM 5310C	
LCS 480-643993/53	Lab Control Sample	Dissolved	Water	SM 5310C	
480-202113-13 MS	MW8DD 092822	Dissolved	Water	SM 5310C	
480-202113-13 MSD	MW8DD 092822	Dissolved	Water	SM 5310C	

Analysis Batch: 644428

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-202150-1	MW10D 092922	Total/NA	Water	310.2_ASP	
480-202150-2	MW4D 092922	Total/NA	Water	310.2_ASP	
480-202150-3	MW10S 092922	Total/NA	Water	310.2_ASP	
MB 480-644428/18	Method Blank	Total/NA	Water	310.2_ASP	
MB 480-644428/22	Method Blank	Total/NA	Water	310.2_ASP	
LCS 480-644428/21	Lab Control Sample	Total/NA	Water	310.2_ASP	
480-202150-1 MS	MW10D 092922	Total/NA	Water	310.2_ASP	
480-202150-1 MSD	MW10D 092922	Total/NA	Water	310.2_ASP	

Analysis Batch: 644482

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-202150-1	MW10D 092922	Dissolved	Water	SM 5310C	
480-202150-2	MW4D 092922	Dissolved	Water	SM 5310C	
MB 480-644482/52	Method Blank	Dissolved	Water	SM 5310C	
LCS 480-644482/53	Lab Control Sample	Dissolved	Water	SM 5310C	

QC Association Summary

Client: O'Brien & Gere Inc of North America
Project/Site: Forest Glen Monitoring

Job ID: 480-202113-1
SDG: 480-202113-1

General Chemistry

Analysis Batch: 644943

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-202150-3	MW10S 092922	Dissolved	Water	SM 5310C	
MB 480-644943/104	Method Blank	Dissolved	Water	SM 5310C	
MB 480-644943/128	Method Blank	Dissolved	Water	SM 5310C	
LCS 480-644943/105	Lab Control Sample	Dissolved	Water	SM 5310C	
LCS 480-644943/129	Lab Control Sample	Dissolved	Water	SM 5310C	

Lab Chronicle

Client: O'Brien & Gere Inc of North America
Project/Site: Forest Glen Monitoring

Job ID: 480-202113-1
SDG: 480-202113-1

Client Sample ID: MW6DD 092722
Date Collected: 09/27/22 09:15
Date Received: 09/28/22 16:00

Lab Sample ID: 480-202113-1
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		1	643447	CR	EET BUF	09/30/22 15:34
Total/NA	Analysis	300.0		5	643732	IMZ	EET BUF	10/03/22 21:39
Total/NA	Analysis	310.2_ASP		5	643976	ARR	EET BUF	10/04/22 15:19
Total/NA	Analysis	353.2		1	643227	CSS	EET BUF	09/28/22 19:46
Total/NA	Analysis	353.2		1	643228	CSS	EET BUF	09/28/22 19:46
Total/NA	Analysis	SM 4500 S2 F		1	643515	CC	EET BUF	09/30/22 10:35
Dissolved	Analysis	SM 5310C		1	643993	KER	EET BUF	10/03/22 22:59

Client Sample ID: MW6D 092722
Date Collected: 09/27/22 09:20
Date Received: 09/28/22 16:00

Lab Sample ID: 480-202113-2
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		1	643447	CR	EET BUF	09/30/22 15:56
Total/NA	Analysis	300.0		5	643732	IMZ	EET BUF	10/03/22 21:50
Total/NA	Analysis	310.2_ASP		5	643619	STR	EET BUF	10/02/22 13:41
Total/NA	Analysis	353.2		1	643227	CSS	EET BUF	09/28/22 19:47
Total/NA	Analysis	353.2		1	643228	CSS	EET BUF	09/28/22 19:47
Total/NA	Analysis	SM 4500 S2 F		1	643515	CC	EET BUF	09/30/22 10:35
Dissolved	Analysis	SM 5310C		1	643993	KER	EET BUF	10/03/22 23:15

Client Sample ID: MW6S 092722
Date Collected: 09/27/22 11:30
Date Received: 09/28/22 16:00

Lab Sample ID: 480-202113-3
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		1	643447	CR	EET BUF	09/30/22 16:18
Total/NA	Analysis	300.0		5	643771	IMZ	EET BUF	10/04/22 00:03
Total/NA	Analysis	310.2_ASP		5	643619	STR	EET BUF	10/02/22 14:58
Total/NA	Analysis	353.2		1	643227	CSS	EET BUF	09/28/22 19:48
Total/NA	Analysis	353.2		1	643228	CSS	EET BUF	09/28/22 19:48
Total/NA	Analysis	SM 4500 S2 F		1	643515	CC	EET BUF	09/30/22 10:35
Dissolved	Analysis	SM 5310C		1	643993	KER	EET BUF	10/03/22 23:31

Client Sample ID: MW1S 092722
Date Collected: 09/27/22 11:55
Date Received: 09/28/22 16:00

Lab Sample ID: 480-202113-4
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		2	643447	CR	EET BUF	09/30/22 16:40
Total/NA	Analysis	300.0		20	643771	IMZ	EET BUF	10/04/22 00:23
Total/NA	Analysis	310.2_ASP		5	643619	STR	EET BUF	10/02/22 14:59
Total/NA	Analysis	353.2		1	643227	CSS	EET BUF	09/28/22 19:50

Lab Chronicle

Client: O'Brien & Gere Inc of North America
Project/Site: Forest Glen Monitoring

Job ID: 480-202113-1
SDG: 480-202113-1

Client Sample ID: MW1S 092722
Date Collected: 09/27/22 11:55
Date Received: 09/28/22 16:00

Lab Sample ID: 480-202113-4
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	353.2		1	643228	CSS	EET BUF	09/28/22 19:50
Total/NA	Analysis	SM 4500 S2 F		1	643515	CC	EET BUF	09/30/22 10:35
Dissolved	Analysis	SM 5310C		1	643993	KER	EET BUF	10/03/22 23:47

Client Sample ID: MW5D 092722
Date Collected: 09/27/22 13:50
Date Received: 09/28/22 16:00

Lab Sample ID: 480-202113-5
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		1	643447	CR	EET BUF	09/30/22 17:02
Total/NA	Analysis	300.0		5	643771	IMZ	EET BUF	10/04/22 02:21
Total/NA	Analysis	310.2_ASP		5	643619	STR	EET BUF	10/02/22 15:01
Total/NA	Analysis	353.2		1	643227	CSS	EET BUF	09/28/22 20:02
Total/NA	Analysis	353.2		1	643228	CSS	EET BUF	09/28/22 20:02
Total/NA	Analysis	SM 4500 S2 F		1	643515	CC	EET BUF	09/30/22 10:35
Dissolved	Analysis	SM 5310C		1	643993	KER	EET BUF	10/04/22 00:04

Client Sample ID: MW1D 092722
Date Collected: 09/27/22 14:05
Date Received: 09/28/22 16:00

Lab Sample ID: 480-202113-6
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		1	643447	CR	EET BUF	09/30/22 17:24
Total/NA	Analysis	300.0		5	643771	IMZ	EET BUF	10/04/22 02:40
Total/NA	Analysis	310.2_ASP		5	643619	STR	EET BUF	10/02/22 15:01
Total/NA	Analysis	353.2		1	643227	CSS	EET BUF	09/28/22 19:57
Total/NA	Analysis	353.2		1	643228	CSS	EET BUF	09/28/22 19:57
Total/NA	Analysis	SM 4500 S2 F		1	643515	CC	EET BUF	09/30/22 10:35
Dissolved	Analysis	SM 5310C		1	643993	KER	EET BUF	10/04/22 01:23

Client Sample ID: MW5S 092722
Date Collected: 09/27/22 16:00
Date Received: 09/28/22 16:00

Lab Sample ID: 480-202113-7
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		1	643654	CR	EET BUF	10/03/22 12:33
Total/NA	Analysis	300.0		5	643771	IMZ	EET BUF	10/04/22 03:00
Total/NA	Analysis	310.2_ASP		5	643619	STR	EET BUF	10/02/22 14:40
Total/NA	Analysis	353.2		1	643227	CSS	EET BUF	09/28/22 20:03
Total/NA	Analysis	353.2		1	643228	CSS	EET BUF	09/28/22 20:03
Total/NA	Analysis	SM 4500 S2 F		1	643515	CC	EET BUF	09/30/22 10:35
Dissolved	Analysis	SM 5310C		1	643993	KER	EET BUF	10/04/22 01:39

Client Sample ID: MW8D 092822

Lab Sample ID: 480-202113-8

Date Collected: 09/28/22 09:05
Matrix: Water
Date Received: 09/28/22 16:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		1	643447	CR	EET BUF	09/30/22 18:08
Total/NA	Analysis	300.0		5	643771	IMZ	EET BUF	10/04/22 03:20
Total/NA	Analysis	310.2_ASP		5	643619	STR	EET BUF	10/02/22 14:41
Total/NA	Analysis	353.2		1	643227	CSS	EET BUF	09/28/22 20:05
Total/NA	Analysis	353.2		1	643228	CSS	EET BUF	09/28/22 20:05
Total/NA	Analysis	SM 4500 S2 F		1	643515	CC	EET BUF	09/30/22 10:35
Dissolved	Analysis	SM 5310C		1	643993	KER	EET BUF	10/04/22 01:55

Client Sample ID: MW7D 092822

Lab Sample ID: 480-202113-9

Date Collected: 09/28/22 09:50
Matrix: Water
Date Received: 09/28/22 16:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		1	643447	CR	EET BUF	09/30/22 18:30
Total/NA	Analysis	300.0		2	643771	IMZ	EET BUF	10/04/22 03:39
Total/NA	Analysis	310.2_ASP		2	643619	STR	EET BUF	10/02/22 13:51
Total/NA	Analysis	353.2		1	643227	CSS	EET BUF	09/28/22 19:59
Total/NA	Analysis	353.2		1	643223	CSS	EET BUF	09/28/22 22:24
Total/NA	Analysis	SM 4500 S2 F		1	643515	CC	EET BUF	09/30/22 10:35
Dissolved	Analysis	SM 5310C		1	643993	KER	EET BUF	10/04/22 02:12

Client Sample ID: X-1 092822

Lab Sample ID: 480-202113-10

Date Collected: 09/28/22 00:00
Matrix: Water
Date Received: 09/28/22 16:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		1	643447	CR	EET BUF	09/30/22 18:52
Total/NA	Analysis	300.0		2	643771	IMZ	EET BUF	10/04/22 05:37
Total/NA	Analysis	310.2_ASP		5	643619	STR	EET BUF	10/02/22 14:41
Total/NA	Analysis	353.2		1	643227	CSS	EET BUF	09/28/22 20:06
Total/NA	Analysis	353.2		1	643228	CSS	EET BUF	09/28/22 20:06
Total/NA	Analysis	SM 4500 S2 F		1	643515	CC	EET BUF	09/30/22 10:35
Dissolved	Analysis	SM 5310C		1	643993	KER	EET BUF	10/04/22 02:27

Client Sample ID: MW8S 092822

Lab Sample ID: 480-202113-11

Date Collected: 09/28/22 10:30
Matrix: Water
Date Received: 09/28/22 16:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		1	643447	CR	EET BUF	09/30/22 19:14
Total/NA	Analysis	300.0		2	643771	IMZ	EET BUF	10/04/22 05:56
Total/NA	Analysis	310.2_ASP		5	643619	STR	EET BUF	10/02/22 14:41
Total/NA	Analysis	353.2		1	643227	CSS	EET BUF	09/28/22 20:14

Lab Chronicle

Client: O'Brien & Gere Inc of North America
Project/Site: Forest Glen Monitoring

Job ID: 480-202113-1
SDG: 480-202113-1

Client Sample ID: MW8S 092822
Date Collected: 09/28/22 10:30
Date Received: 09/28/22 16:00

Lab Sample ID: 480-202113-11
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	353.2		1	643228	CSS	EET BUF	09/28/22 20:14
Total/NA	Analysis	SM 4500 S2 F		1	643515	CC	EET BUF	09/30/22 10:35
Dissolved	Analysis	SM 5310C		1	643993	KER	EET BUF	10/04/22 04:03

Client Sample ID: MW7S 092822
Date Collected: 09/28/22 11:25
Date Received: 09/28/22 16:00

Lab Sample ID: 480-202113-12
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		1	643447	CR	EET BUF	09/30/22 19:36
Total/NA	Analysis	300.0		2	643771	IMZ	EET BUF	10/04/22 06:16
Total/NA	Analysis	310.2_ASP		2	643619	STR	EET BUF	10/02/22 13:56
Total/NA	Analysis	353.2		1	643227	CSS	EET BUF	09/28/22 20:16
Total/NA	Analysis	353.2		1	643223	CSS	EET BUF	09/28/22 22:33
Total/NA	Analysis	SM 4500 S2 F		1	643515	CC	EET BUF	09/30/22 10:35
Dissolved	Analysis	SM 5310C		1	643993	KER	EET BUF	10/04/22 04:20

Client Sample ID: MW8DD 092822
Date Collected: 09/28/22 12:55
Date Received: 09/28/22 16:00

Lab Sample ID: 480-202113-13
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		1	643447	CR	EET BUF	09/30/22 19:58
Total/NA	Analysis	300.0		5	643771	IMZ	EET BUF	10/04/22 03:59
Total/NA	Analysis	310.2_ASP		5	643619	STR	EET BUF	10/02/22 11:15
Total/NA	Analysis	353.2		1	643227	CSS	EET BUF	09/28/22 20:10
Total/NA	Analysis	353.2		1	643223	CSS	EET BUF	09/28/22 22:28
Total/NA	Analysis	SM 4500 S2 F		1	643515	CC	EET BUF	09/30/22 10:35
Dissolved	Analysis	SM 5310C		1	643993	KER	EET BUF	10/04/22 03:15

Client Sample ID: MW7DD 092822
Date Collected: 09/28/22 13:50
Date Received: 09/28/22 16:00

Lab Sample ID: 480-202113-14
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		1	643447	CR	EET BUF	09/30/22 20:20
Total/NA	Analysis	300.0		5	643771	IMZ	EET BUF	10/04/22 06:36
Total/NA	Analysis	310.2_ASP		5	643619	STR	EET BUF	10/02/22 14:42
Total/NA	Analysis	353.2		1	643227	CSS	EET BUF	09/28/22 20:17
Total/NA	Analysis	353.2		1	643228	CSS	EET BUF	09/28/22 20:17
Total/NA	Analysis	SM 4500 S2 F		1	643515	CC	EET BUF	09/30/22 10:35
Dissolved	Analysis	SM 5310C		1	643993	KER	EET BUF	10/04/22 04:36

Lab Chronicle

Client: O'Brien & Gere Inc of North America
Project/Site: Forest Glen Monitoring

Job ID: 480-202113-1
SDG: 480-202113-1

Client Sample ID: TRIP BLANK
Date Collected: 09/28/22 00:00
Date Received: 09/28/22 16:00

Lab Sample ID: 480-202113-15
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		1	643447	CR	EET BUF	09/30/22 20:42

Client Sample ID: MW10D 092922
Date Collected: 09/29/22 09:30
Date Received: 09/29/22 13:35

Lab Sample ID: 480-202150-1
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		1	643837	CR	EET BUF	10/04/22 14:26
Total/NA	Analysis	300.0		5	643966	IMZ	EET BUF	10/04/22 23:56
Total/NA	Analysis	310.2_ASP		5	644428	STR	EET BUF	10/06/22 13:30
Total/NA	Analysis	353.2		1	643423	CSS	EET BUF	09/29/22 22:19
Total/NA	Analysis	353.2		1	643424	CSS	EET BUF	09/29/22 22:19
Total/NA	Analysis	SM 4500 S2 F		1	643738	CC	EET BUF	10/03/22 11:10
Dissolved	Analysis	SM 5310C		1	644482	KER	EET BUF	10/07/22 06:26

Client Sample ID: MW4D 092922
Date Collected: 09/29/22 09:15
Date Received: 09/29/22 13:35

Lab Sample ID: 480-202150-2
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		1	643837	CR	EET BUF	10/04/22 14:48
Total/NA	Analysis	300.0		5	643966	IMZ	EET BUF	10/05/22 00:16
Total/NA	Analysis	310.2_ASP		5	644428	STR	EET BUF	10/06/22 13:31
Total/NA	Analysis	353.2		1	643423	CSS	EET BUF	09/29/22 22:21
Total/NA	Analysis	353.2		1	643424	CSS	EET BUF	09/29/22 22:21
Total/NA	Analysis	SM 4500 S2 F		1	643738	CC	EET BUF	10/03/22 11:10
Dissolved	Analysis	SM 5310C		1	644482	KER	EET BUF	10/07/22 06:42

Client Sample ID: MW10S 092922
Date Collected: 09/29/22 10:40
Date Received: 09/29/22 13:35

Lab Sample ID: 480-202150-3
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		1	644494	CR	EET BUF	10/07/22 19:15
Total/NA	Analysis	300.0		5	643966	IMZ	EET BUF	10/05/22 02:14
Total/NA	Analysis	310.2_ASP		5	644428	STR	EET BUF	10/06/22 13:31
Total/NA	Analysis	353.2		1	643423	CSS	EET BUF	09/29/22 22:25
Total/NA	Analysis	353.2		1	643424	CSS	EET BUF	09/29/22 22:25
Total/NA	Analysis	SM 4500 S2 F		1	643738	CC	EET BUF	10/03/22 11:10
Dissolved	Analysis	SM 5310C		1	644943	KER	EET BUF	10/10/22 23:02

Lab Chronicle

Client: O'Brien & Gere Inc of North America
Project/Site: Forest Glen Monitoring

Job ID: 480-202113-1
SDG: 480-202113-1

Client Sample ID: QC TRIP BLANKS

Date Collected: 09/29/22 00:00
Date Received: 09/29/22 13:35

Lab Sample ID: 480-202150-4

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		1	643837	CR	EET BUF	10/04/22 15:33

Laboratory References:

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

Accreditation/Certification Summary

Client: O'Brien & Gere Inc of North America
Project/Site: Forest Glen Monitoring

Job ID: 480-202113-1
SDG: 480-202113-1

Laboratory: Eurofins 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	03-31-23

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
310.2_ASP		Water	Alkalinity, Bicarbonate
SM 5310C		Water	Dissolved Organic Carbon - Duplicate

Method Summary

Client: O'Brien & Gere Inc of North America
Project/Site: Forest Glen Monitoring

Job ID: 480-202113-1
SDG: 480-202113-1

Method	Method Description	Protocol	Laboratory
8260C	Volatile Organic Compounds by GC/MS	SW846	EET BUF
300.0	Anions, Ion Chromatography	MCAWW	EET BUF
310.2_ASP	Alkalinity - Colorimetric	MCAWW	EET BUF
353.2	Nitrate	EPA	EET BUF
353.2	Nitrogen, Nitrite	MCAWW	EET BUF
SM 4500 S2 F	Sulfide, Total	SM	EET BUF
SM 5310C	Organic Carbon, Dissolved (DOC)	SM	EET BUF
5030C	Purge and Trap	SW846	EET BUF

Protocol References:

EPA = US Environmental Protection Agency

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:

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

Sample Summary

Client: O'Brien & Gere Inc of North America
Project/Site: Forest Glen Monitoring

Job ID: 480-202113-1
SDG: 480-202113-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
480-202113-1	MW6DD 092722	Water	09/27/22 09:15	09/28/22 16:00
480-202113-2	MW6D 092722	Water	09/27/22 09:20	09/28/22 16:00
480-202113-3	MW6S 092722	Water	09/27/22 11:30	09/28/22 16:00
480-202113-4	MW1S 092722	Water	09/27/22 11:55	09/28/22 16:00
480-202113-5	MW5D 092722	Water	09/27/22 13:50	09/28/22 16:00
480-202113-6	MW1D 092722	Water	09/27/22 14:05	09/28/22 16:00
480-202113-7	MW5S 092722	Water	09/27/22 16:00	09/28/22 16:00
480-202113-8	MW8D 092822	Water	09/28/22 09:05	09/28/22 16:00
480-202113-9	MW7D 092822	Water	09/28/22 09:50	09/28/22 16:00
480-202113-10	X-1 092822	Water	09/28/22 00:00	09/28/22 16:00
480-202113-11	MW8S 092822	Water	09/28/22 10:30	09/28/22 16:00
480-202113-12	MW7S 092822	Water	09/28/22 11:25	09/28/22 16:00
480-202113-13	MW8DD 092822	Water	09/28/22 12:55	09/28/22 16:00
480-202113-14	MW7DD 092822	Water	09/28/22 13:50	09/28/22 16:00
480-202113-15	TRIP BLANK	Water	09/28/22 00:00	09/28/22 16:00
480-202150-1	MW10D 092922	Water	09/29/22 09:30	09/29/22 13:35
480-202150-2	MW4D 092922	Water	09/29/22 09:15	09/29/22 13:35
480-202150-3	MW10S 092922	Water	09/29/22 10:40	09/29/22 13:35
480-202150-4	QC TRIP BLANKS	Water	09/29/22 00:00	09/29/22 13:35

Quantitation Limit Exceptions Summary

Client: O'Brien & Gere Inc of North America
Project/Site: Forest Glen Monitoring

Job ID: 480-202113-1
SDG: 480-202113-1

The requested project specific reporting limits listed below were less than laboratory standard quantitation limits (PQL) but greater than or equal to the laboratory method detection limits (MDL). It must be noted that results reported below lab standard quantitation limits may result in false positive/false negative values and less accurate quantitation. Routine laboratory procedures do not indicate corrective action for detections below the laboratory's PQL.

Method	Analyte	Matrix	Prep Type	Unit	Client RL	Lab PQL
8260C	Methyl acetate	Water	Total/NA	ug/L	1.3	2.5

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

Chain of Custody Record

eurofins | Environment Testing America

Client Information	Sampler: Martin Kornacki	Lab PM: Schove, John R	Carrier Tracking No(s):	COC No: 480-177624-27221.1
Client Contact: Mr. Yuri Veliz	Phone: 315-729-1300	E-Mail: John.Schove@et.eurofinsus.com	State of Origin:	Page: Page 1 of 3
Company: O'Brien & Gere Inc of North America	PWSID:			Job #:
Address: 333 West Washington St. PO BOX 4873	Due Date Requested:			
City: East Syracuse	TAT Requested (days): STANDARD			
State, Zip: NY, 13221	Compliance Project: Δ Yes Δ No			
Phone: 315-956-6100(Tel) 315-463-7554(Fax)	PO #: 1950003279			
Email: yuri.veliz@ramboll.com	WO #:			
Project Name: Forest Glen Monitoring	Project #: 48002808			
Site:	SSOW#:			

Analysis Requested

Preservation Codes:
A - HCL, B - NaOH, C - Zn Acetate, D - Nitric Acid, E - NaHSO4, M - Hexane, N - None, O - AsNaO2, P - Na2O4S, Q - Na2SO3, R - Na2S2O3

480-202113 Chain of Custody

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8260C - TCL List VOCs	300.0_28D - Chloride & Sulfate	353.2, 353.2_Nitrite, Nitrate_Calc	SM5310_DOC_C - Dissolved Organic Carbon	310.2 - Alkalinity	SM4500_S2_F - Sulfide, Total	8260C - TCL Volatiles	Total Number	Special Instructions/Note:
			Preservation Code:				A	N	N	A	N	CB	A		
MW 6DD 092722	9-27-22	9:15	G	Water			3	1	2	2	1	1		10	
MW 6D 092722	9-27-22	9:20	G	Water										10	
MW 6S 092722	9-27-22	11:30	G	Water										10	
MW 1S 092722	9-27-22	11:55	G	Water										10	
MW 5D 092722	9-27-22	13:50	G	Water										10	
MW 1D 092722	9-27-22	14:05	G	Water										10	
MW 5S 092722	9-27-22	16:00	G	Water										10	
MW 8D 092822	9-28-22	9:05	G	Water										10	
MW 7D 092822	9-28-22	950	G	Water										10	
X-1 092822	9-28-22	—	G	Water										10	
MW 8S 092822	9-28-22	10:30	G	Water										10	

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

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

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

Special Instructions/QC Requirements:

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

Relinquished by	Date/Time	Company	Received by	Date/Time	Company
Martin Kornacki	9-28-22 / 1610	USW G	[illegible]	9/28/22 1600	TA
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks: 3.8 2.1 # 1 ICE

Ver: 06/08/2021

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

Chain of Custody Record

eurofins | Environment Testing America

Client Information	Sampler: Martin Koenneke	Lab PM: Schove, John R	Carrier Tracking No(s):	COC No: 480-177624-27221.2
Client Contact: Mr. Yuri Veliz	Phone: 315-729-1300	E-Mail: John.Schove@et.eurofinsus.com	State of Origin:	Page: Page 2 of 3
Company: O'Brien & Gere Inc of North America	PWSID:			Job #:
Address: 333 West Washington St. PO BOX 4873	Due Date Requested:			
City: East Syracuse	TAT Requested (days): STANDARD			
State, Zip: NY, 13221	Compliance Project: Δ Yes Δ No			
Phone: 315-956-6100(Tel) 315-463-7554(Fax)	PO #: 1950003279			
Email: yuri.veliz@ramboll.com	WO #:			
Project Name: Forest Glen Monitoring	Project #: 48002808			
Site:	SSOW#:			

Analysis Requested

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, M - Hexane, N - None, O - AsNaO2, P - Na2O4S, Q - Na2SO3, R - Na2S2O3, S - H2SO4, T - TSP Dodecahydrate, U - Acetone, V - MCAA, W - pH 4-5, Y - Trizma, Z - other (specify)
Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8260C - TCL List VOCs	300.0_28D - Chloride & Sulfate	353.2, 353.2_Nitrite, Nitrate_Calc	SM5310_DOC_C - Dissolved Organic Carbon	310.2 - Alkalinity	SM4500_S2_F - Sulfide, Total	8260C - TCL Volatiles	Total Number of containers	Special Instructions/Note:
			Preservation Code:				A	N	N	A	N	CB	A		
MW 7S 092822	9-28-22	11:25	G	Water			3	1	2	2	1	1		10	
MW 8DD 092822	9-28-22	12:55	G	Water										10	
MW 8DD MS 092822	9-28-22	12:55	G	Water										10	
MW 8DD MSD 092822	9-28-22	12:55	G	Water										10	
MW 7DD 092822	9-28-22	13:50	G	Water										10	
QC Trip Blanks				Water									2	2	
				Water											
				Water											
				Water											
				Water											
				Water											

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

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

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

Special Instructions/QC Requirements:

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

Relinquished by:	Date/Time	Company	Received by:	Date/Time:	Company
Martin Koenneke	9-28-22 / 16:10	USW16	SEE PGL		
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

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

Ver: 06/08/2021

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

Chain of Custody Record

eurofins | Environment Testing America

Client Information	Sampler: MARTin Koennecke	Lab PM: Schove, John R	Carrier Tracking No(s):	COC No: 480-177624-27221.3
Client Contact: Mr. Yuri Veliz	Phone: 315-729-1300	E-Mail: John.Schove@et.eurofinsus.com	State of Origin:	Page: Page 3 of 3
Company: O'Brien & Gere Inc of North America	PWSID:			Job #:
Address: 333 West Washington St. PO BOX 4873	Due Date Requested:			
City: East Syracuse	TAT Requested (days): STANDARD			
State, Zip: NY, 13221	Compliance Project: Δ Yes Δ No			
Phone: 315-956-6100(Tel) 315-463-7554(Fax)	PO #: 1950003279			
Email: yuri.veliz@ramboll.com	WO #:			
Project Name: Forest Glen Monitoring	Project #: 48002808			
Site:	SSOW#:			

Analysis Requested

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	8260C - TCL List VOCs	300.0_28D - Chloride & Sulfate	353.2, 353.2_Nitrite, Nitrate_Calc	SM5310_DOC_C - Dissolved Organic Carbon	310.2 - Alkalinity	SM4500_S2_F - Sulfide, Total	8260C - TCL Volatiles	Total Number of containers	Special Instructions/Note:
			Preservation Code:			A	N	N	A	N	CB	A		
MW10D 092922	9-29-22	9:30	G	Water		3	1	2	2	1	1		10	
MW4D 092922	9-29-22	10:15	G	Water		3	1	2	2	1	1		10	
MW10S 092922	9-29-22	10:40	G	Water		3	1	2	2	1	1		10	
QC TRIP BLANKS				W								2	2	

480-202150 Chain of Custody

Preservation Codes:

A - HCL	M - Hexane
B - NaOH	N - None
C - Zn Acetate	O - AsNaO2
D - Nitric Acid	P - Na2O4S
E - NaHSO4	Q - Na2SO3
F - MeOH	R - Na2S2O3
G - Amchlor	S - H2SO4
H - Ascorbic Acid	T - TSP Dodecahydrate
I - Ice	U - Acetone
J - DI Water	V - MCAA
K - EDTA	W - pH 4-5
L - EDA	Y - Trizma
	Z - other (specify)

Other:

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

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

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

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:		
Relinquished by: Martin Koennecke	Date/Time: 9-29-22 / 13:35	Company: USW16	Received by:	Date/Time: 9/29/22 1335	Company: STL
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

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

Cooler Temperature(s) °C and Other Remarks: 2.5 ICE

Ver: 06/08/2021

Login Sample Receipt Checklist

Client: O'Brien & Gere Inc of North America

Job Number: 480-202113-1
SDG Number: 480-202113-1

Login Number: 202113
List Number: 1
Creator: Kolb, Chris M

List Source: Eurofins Buffalo

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

Login Sample Receipt Checklist

Client: O'Brien & Gere Inc of North America

Job Number: 480-202113-1
SDG Number: 480-202113-1

Login Number: 202150
List Number: 1
Creator: Yeager, Brian A

List Source: Eurofins Buffalo

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

LELAP Certificate Number: 01955
A2LA Accredited (DoD ELAP-QSM 5.4) Certificate Number: 6429.01

ANALYTICAL RESULTS

PERFORMED BY

Pace Analytical Gulf Coast
7979 Innovation Park Dr.
Baton Rouge, LA 70820
(225) 769-4900

Report Date 10/11/2022

Report # 222093068

Project Forest Glen Superfund

Samples Collected 9/27/22 - 9/29/22

Deliver To	***Additional Recipients***
Yuri Veliz Ramboll Americas 333 W Washington St Syracuse, NY 13202 315-956-6100	David Carnevale, Ramboll Americas

A2LA ACCREDITED
CERT # 6429.01

Laboratory Endorsement

Sample analysis was performed in accordance with approved methodologies provided by the Environmental Protection Agency or other recognized agencies. The samples and their corresponding extracts will be maintained for a period of 30 days unless otherwise arranged. Following this retention period the samples will be disposed in accordance with Pace Gulf Coast's Standard Operating Procedures.

Common Abbreviations that may be Utilized in this Report

ND	Indicates the result was Not Detected at the specified reporting limit
NO	Indicates the sample did not ignite when preliminary test performed for EPA Method 1030
DO	Indicates the result was Diluted Out
MI	Indicates the result was subject to Matrix Interference
TNTC	Indicates the result was Too Numerous To Count
SUBC	Indicates the analysis was Sub-Contracted
FLD	Indicates the analysis was performed in the Field
DL	Detection Limit
LOD	Limit of Detection
LOQ	Limit of Quantitation
RE	Re-analysis
CF	HPLC or GC Confirmation
00:01	Reported as a time equivalent to 12:00 AM

Reporting Flags that may be Utilized in this Report

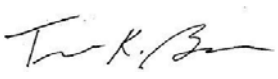
J or I	Indicates the result is between the MDL and LOQ
J	DOD flag on analyte in the parent sample for MS/MSD outside acceptance criteria
U	Indicates the compound was analyzed for but not detected
B or V	Indicates the analyte was detected in the associated Method Blank
Q	Indicates a non-compliant QC Result (See Q Flag Application Report)
*****	Indicates a non-compliant or not applicable QC recovery or RPD – see narrative
E	Organics - The result is estimated because it exceeded the instrument calibration range
E	Metals - % diference for the serial dilution is > 10%
L	Reporting Limits adjusted to meet risk-based limit.
P	RPD between primary and confirmation result is greater than 40
DL	Diluted analysis – when appended to Client Sample ID

Sample receipt at Pace Gulf Coast is documented through the attached chain of custody. In accordance with NELAC, this report shall be reproduced only in full and with the written permission of Pace Gulf Coast. The results contained within this report relate only to the samples reported. The documented results are presented within this report.

This report pertains only to the samples listed in the Report Sample Summary and should be retained as a permanent record thereof. The results contained within this report are intended for the use of the client. Any unauthorized use of the information contained in this report is prohibited.

I certify that this data package is in compliance with The NELAC Institute (TNI) Standard 2009 and terms and conditions of the contract and Statement of Work both technically and for completeness, for other than the conditions in the case narrative. Release of the data contained in this hardcopy data package and in the computer readable data submitted has been authorized by the Quality Assurance Manager or his/her designee, as verified by the following signature.

Estimated uncertainty of measurement is available upon request. This report is in compliance with the DOD QSM as specified in the contract if applicable.



Authorized Signature
Pace Gulf Coast Report 222093068

Certifications

Certification	Certification Number
A2LA Accredited (DoD ELAP-QSM 5.4)	6429.01
Alabama	01955
Arkansas	88-0655
Colorado	01955
Delaware	01955
Florida	E87854
Georgia	01955
Hawaii	01955
Idaho	01955
Illinois	200048
Indiana	01955
Kansas	E-10354
Kentucky	95
Louisiana	01955
Maryland	01955
Massachusetts	01955
Michigan	01955
Mississippi	01955
Missouri	01955
Montana	N/A
Nebraska	01955
New Mexico	01955
North Carolina	618
North Dakota	R-195
Oklahoma	9403
South Carolina	73006001
South Dakota	01955
Tennessee	01955
Texas	T104704178
Vermont	01955
Virginia	460215
Washington	C929
USDA Soil Permit	P330-16-00234

Case Narrative

Client: O'Brien & Gere NY **Report:** 222093068

Pace Analytical Gulf Coast received and analyzed the sample(s) listed
on the Report Sample Summary page of this report. Receipt of the sample(s) is documented
by the attached chain of custody. This applies only to the sample(s) listed in this report.
No sample integrity or quality control exceptions were identified unless noted below.

No anomalies were found for the analyzed sample(s).

Sample Summary

Lab ID	Client ID	Matrix	Collect Date	Receive Date
22209306801	MW6DD092722	Water	9/27/22 09:15	9/30/22 09:50
22209306802	MW6D092722	Water	9/27/22 09:20	9/30/22 09:50
22209306803	MW6S092722	Water	9/27/22 11:30	9/30/22 09:50
22209306804	MW1S092722	Water	9/27/22 11:55	9/30/22 09:50
22209306805	MW5D092722	Water	9/27/22 13:50	9/30/22 09:50
22209306806	MW1D092722	Water	9/27/22 14:05	9/30/22 09:50
22209306807	MW5S092722	Water	9/27/22 16:00	9/30/22 09:50
22209306808	MW8D092822	Water	9/28/22 09:05	9/30/22 09:50
22209306809	MW7D092822	Water	9/28/22 09:50	9/30/22 09:50
22209306810	X-1 092822	Water	9/28/22 00:01	9/30/22 09:50
22209306811	MW8S092822	Water	9/28/22 10:30	9/30/22 09:50
22209306812	MW7S092822	Water	9/28/22 11:25	9/30/22 09:50
22209306813	MW8DD092822	Water	9/28/22 12:55	9/30/22 09:50
22209306814	MW8DDMS092822	Water	9/28/22 12:55	9/30/22 09:50
22209306815	MW8DDMSD092822	Water	9/28/22 12:55	9/30/22 09:50
22209306816	MW7DD092822	Water	9/28/22 13:50	9/30/22 09:50
22209306817	MW10D092922	Water	9/29/22 09:30	9/30/22 09:50
22209306818	MW4D092922	Water	9/29/22 10:15	9/30/22 09:50
22209306819	MW10S092922	Water	9/29/22 10:40	9/30/22 09:50
22209306820	QC TRIP BLANK	Water	9/29/22 00:01	9/30/22 09:50

Detect Summary

Results and Detection Limits are adjusted for dilution and moisture when applicable

EPA RSK175

Lab ID	Client ID	Parameter	Units	Result	Dil.	%Moist
22209306801	MW6DD092722	Ethane	ug/L	0.46J	1	NA
22209306801	MW6DD092722	Ethene	ug/L	0.84J	1	NA
22209306801	MW6DD092722	Methane	ug/L	390	1	NA
22209306802	MW6D092722	Methane	ug/L	310	1	NA
22209306803	MW6S092722	Ethene	ug/L	0.59J	1	NA
22209306803	MW6S092722	Methane	ug/L	52	1	NA
22209306804	MW1S092722	Methane	ug/L	18	1	NA
22209306805	MW5D092722	Methane	ug/L	160	1	NA
22209306806	MW1D092722	Methane	ug/L	38	1	NA
22209306807	MW5S092722	Ethene	ug/L	0.45J	1	NA
22209306807	MW5S092722	Methane	ug/L	7.2	1	NA
22209306808	MW8D092822	Ethane	ug/L	0.20J	1	NA
22209306808	MW8D092822	Methane	ug/L	160	1	NA
22209306813	MW8DD092822	Ethane	ug/L	0.41J	1	NA
22209306813	MW8DD092822	Methane	ug/L	390	1	NA
22209306816	MW7DD092822	Ethane	ug/L	3.0	1	NA
22209306816	MW7DD092822	Methane	ug/L	26	1	NA
22209306817	MW10D092922	Methane	ug/L	760	1	NA
22209306818	MW4D092922	Ethane	ug/L	0.48J	1	NA
22209306818	MW4D092922	Methane	ug/L	28	1	NA
22209306819	MW10S092922	Methane	ug/L	720	1	NA

Sample Results

MW6DD092722

Collect Date	09/27/2022 09:15	Lab ID	22209306801
Receive Date	09/30/2022 09:50	Matrix	Water

EPA RSK175

Prep Date	Prep Batch	Prep Method	Dilution	Run Date	Run Batch	Analyst	%Moisture
NA	NA	NA	1	10/04/22 12:39	751114	LMB	NA

CAS#	Parameter	Result	DL	LOQ	Units
74-84-0	**Ethane**	**0.46J**	0.17	1.0	ug/L
74-85-1	**Ethene**	**0.84J**	0.24	1.0	ug/L
74-82-8	**Methane**	**390**	2.0	5.0	ug/L

MW6D092722

Collect Date	09/27/2022 09:20	Lab ID	22209306802
Receive Date	09/30/2022 09:50	Matrix	Water

EPA RSK175

Prep Date	Prep Batch	Prep Method	Dilution	Run Date	Run Batch	Analyst	%Moisture
NA	NA	NA	1	10/04/22 12:50	751114	LMB	NA

CAS#	Parameter	Result	DL	LOQ	Units
74-84-0	Ethane	0.17U	0.17	1.0	ug/L
74-85-1	Ethene	0.24U	0.24	1.0	ug/L
74-82-8	**Methane**	**310**	2.0	5.0	ug/L

MW6S092722

Collect Date	09/27/2022 11:30	Lab ID	22209306803
Receive Date	09/30/2022 09:50	Matrix	Water

EPA RSK175

Prep Date	Prep Batch	Prep Method	Dilution	Run Date	Run Batch	Analyst	%Moisture
NA	NA	NA	1	10/04/22 13:01	751114	LMB	NA

CAS#	Parameter	Result	DL	LOQ	Units
74-84-0	Ethane	0.17U	0.17	1.0	ug/L
74-85-1	**Ethene**	**0.59J**	0.24	1.0	ug/L
74-82-8	**Methane**	**52**	2.0	5.0	ug/L

MW1S092722

Collect Date	09/27/2022 11:55	Lab ID	22209306804
Receive Date	09/30/2022 09:50	Matrix	Water

EPA RSK175

Prep Date	Prep Batch	Prep Method	Dilution	Run Date	Run Batch	Analyst	%Moisture
NA	NA	NA	1	10/04/22 13:13	751114	LMB	NA

CAS#	Parameter	Result	DL	LOQ	Units
74-84-0	Ethane	0.17U	0.17	1.0	ug/L
74-85-1	Ethene	0.24U	0.24	1.0	ug/L

Sample Results

MW1S092722

Collect Date 09/27/2022 11:55 **Lab ID** 22209306804
Receive Date 09/30/2022 09:50 **Matrix** Water

EPA RSK175 (Continued)

Prep Date	Prep Batch	Prep Method	Dilution	Run Date	Run Batch	Analyst	%Moisture
NA	NA	NA	1	10/04/22 13:13	751114	LMB	NA

CAS#	Parameter	Result	DL	LOQ	Units
74-82-8	**Methane**	**18**	2.0	5.0	ug/L

MW5D092722

Collect Date 09/27/2022 13:50 **Lab ID** 22209306805
Receive Date 09/30/2022 09:50 **Matrix** Water

EPA RSK175

Prep Date	Prep Batch	Prep Method	Dilution	Run Date	Run Batch	Analyst	%Moisture
NA	NA	NA	1	10/04/22 13:24	751114	LMB	NA

CAS#	Parameter	Result	DL	LOQ	Units
74-84-0	Ethane	0.17U	0.17	1.0	ug/L
74-85-1	Ethene	0.24U	0.24	1.0	ug/L
74-82-8	**Methane**	**160**	2.0	5.0	ug/L

MW1D092722

Collect Date 09/27/2022 14:05 **Lab ID** 22209306806
Receive Date 09/30/2022 09:50 **Matrix** Water

EPA RSK175

Prep Date	Prep Batch	Prep Method	Dilution	Run Date	Run Batch	Analyst	%Moisture
NA	NA	NA	1	10/04/22 13:36	751114	LMB	NA

CAS#	Parameter	Result	DL	LOQ	Units
74-84-0	Ethane	0.17U	0.17	1.0	ug/L
74-85-1	Ethene	0.24U	0.24	1.0	ug/L
74-82-8	**Methane**	**38**	2.0	5.0	ug/L

MW5S092722

Collect Date 09/27/2022 16:00 **Lab ID** 22209306807
Receive Date 09/30/2022 09:50 **Matrix** Water

EPA RSK175

Prep Date	Prep Batch	Prep Method	Dilution	Run Date	Run Batch	Analyst	%Moisture
NA	NA	NA	1	10/04/22 13:47	751114	LMB	NA

CAS#	Parameter	Result	DL	LOQ	Units
74-84-0	Ethane	0.17U	0.17	1.0	ug/L
74-85-1	**Ethene**	**0.45J**	0.24	1.0	ug/L

Sample Results

MW5S092722

Collect Date 09/27/2022 16:00 **Lab ID** 22209306807
Receive Date 09/30/2022 09:50 **Matrix** Water

EPA RSK175 (Continued)

Prep Date	Prep Batch	Prep Method	Dilution	Run Date	Run Batch	Analyst	%Moisture
NA	NA	NA	1	10/04/22 13:47	751114	LMB	NA

CAS#	Parameter	Result	DL	LOQ	Units
74-82-8	**Methane**	**7.2**	2.0	5.0	ug/L

MW8D092822

Collect Date 09/28/2022 09:05 **Lab ID** 22209306808
Receive Date 09/30/2022 09:50 **Matrix** Water

EPA RSK175

Prep Date	Prep Batch	Prep Method	Dilution	Run Date	Run Batch	Analyst	%Moisture
NA	NA	NA	1	10/04/22 13:58	751114	LMB	NA

CAS#	Parameter	Result	DL	LOQ	Units
74-84-0	**Ethane**	**0.20J**	0.17	1.0	ug/L
74-85-1	Ethene	0.24U	0.24	1.0	ug/L
74-82-8	**Methane**	**160**	2.0	5.0	ug/L

MW7D092822

Collect Date 09/28/2022 09:50 **Lab ID** 22209306809
Receive Date 09/30/2022 09:50 **Matrix** Water

EPA RSK175

Prep Date	Prep Batch	Prep Method	Dilution	Run Date	Run Batch	Analyst	%Moisture
NA	NA	NA	1	10/04/22 14:09	751114	LMB	NA

CAS#	Parameter	Result	DL	LOQ	Units
74-84-0	Ethane	0.17U	0.17	1.0	ug/L
74-85-1	Ethene	0.24U	0.24	1.0	ug/L
74-82-8	Methane	2.0U	2.0	5.0	ug/L

X-1 092822

Collect Date 09/28/2022 00:01 **Lab ID** 22209306810
Receive Date 09/30/2022 09:50 **Matrix** Water

EPA RSK175

Prep Date	Prep Batch	Prep Method	Dilution	Run Date	Run Batch	Analyst	%Moisture
NA	NA	NA	1	10/04/22 14:21	751114	LMB	NA

CAS#	Parameter	Result	DL	LOQ	Units
74-84-0	Ethane	0.17U	0.17	1.0	ug/L
74-85-1	Ethene	0.24U	0.24	1.0	ug/L

Sample Results

X-1 092822

Collect Date 09/28/2022 00:01 **Lab ID** 22209306810
Receive Date 09/30/2022 09:50 **Matrix** Water

EPA RSK175 (Continued)

Prep Date	Prep Batch	Prep Method	Dilution	Run Date	Run Batch	Analyst	%Moisture
NA	NA	NA	1	10/04/22 14:21	751114	LMB	NA

CAS#	Parameter	Result	DL	LOQ	Units
74-82-8	Methane	2.0U	2.0	5.0	ug/L

MW8S092822

Collect Date 09/28/2022 10:30 **Lab ID** 22209306811
Receive Date 09/30/2022 09:50 **Matrix** Water

EPA RSK175

Prep Date	Prep Batch	Prep Method	Dilution	Run Date	Run Batch	Analyst	%Moisture
NA	NA	NA	1	10/04/22 14:32	751114	LMB	NA

CAS#	Parameter	Result	DL	LOQ	Units
74-84-0	Ethane	0.17U	0.17	1.0	ug/L
74-85-1	Ethene	0.24U	0.24	1.0	ug/L
74-82-8	Methane	2.0U	2.0	5.0	ug/L

MW7S092822

Collect Date 09/28/2022 11:25 **Lab ID** 22209306812
Receive Date 09/30/2022 09:50 **Matrix** Water

EPA RSK175

Prep Date	Prep Batch	Prep Method	Dilution	Run Date	Run Batch	Analyst	%Moisture
NA	NA	NA	1	10/04/22 14:44	751114	LMB	NA

CAS#	Parameter	Result	DL	LOQ	Units
74-84-0	Ethane	0.17U	0.17	1.0	ug/L
74-85-1	Ethene	0.24U	0.24	1.0	ug/L
74-82-8	Methane	2.0U	2.0	5.0	ug/L

MW8DD092822

Collect Date 09/28/2022 12:55 **Lab ID** 22209306813
Receive Date 09/30/2022 09:50 **Matrix** Water

EPA RSK175

Prep Date	Prep Batch	Prep Method	Dilution	Run Date	Run Batch	Analyst	%Moisture
NA	NA	NA	1	10/04/22 14:55	751114	LMB	NA

CAS#	Parameter	Result	DL	LOQ	Units
74-84-0	**Ethane**	**0.41J**	0.17	1.0	ug/L
74-85-1	Ethene	0.24U	0.24	1.0	ug/L

Sample Results

MW8DD092822

Collect Date	09/28/2022 12:55	Lab ID	22209306813
Receive Date	09/30/2022 09:50	Matrix	Water

EPA RSK175 (Continued)

Prep Date	Prep Batch	Prep Method	Dilution	Run Date	Run Batch	Analyst	%Moisture
NA	NA	NA	1	10/04/22 14:55	751114	LMB	NA

CAS#	Parameter	Result	DL	LOQ	Units
74-82-8	**Methane**	**390**	2.0	5.0	ug/L

MW8DDMS092822

Collect Date	09/28/2022 12:55	Lab ID	22209306814
Receive Date	09/30/2022 09:50	Matrix	Water

EPA RSK175

Prep Date	Prep Batch	Prep Method	Dilution	Run Date	Run Batch	Analyst	%Moisture
NA	NA	NA	1	10/04/22 15:06	751114	LMB	NA

CAS#	Parameter	Result	DL	LOQ	Units
74-84-0	**Ethane**	**73**	0.17	1.0	ug/L
74-85-1	**Ethene**	**93**	0.24	1.0	ug/L
74-82-8	**Methane**	**730**	2.0	5.0	ug/L

MW8DDMSD092822

Collect Date	09/28/2022 12:55	Lab ID	22209306815
Receive Date	09/30/2022 09:50	Matrix	Water

EPA RSK175

Prep Date	Prep Batch	Prep Method	Dilution	Run Date	Run Batch	Analyst	%Moisture
NA	NA	NA	1	10/04/22 15:18	751114	LMB	NA

CAS#	Parameter	Result	DL	LOQ	Units
74-84-0	**Ethane**	**69**	0.17	1.0	ug/L
74-85-1	**Ethene**	**88**	0.24	1.0	ug/L
74-82-8	**Methane**	**700**	2.0	5.0	ug/L

MW7DD092822

Collect Date	09/28/2022 13:50	Lab ID	22209306816
Receive Date	09/30/2022 09:50	Matrix	Water

EPA RSK175

Prep Date	Prep Batch	Prep Method	Dilution	Run Date	Run Batch	Analyst	%Moisture
NA	NA	NA	1	10/04/22 15:29	751114	LMB	NA

CAS#	Parameter	Result	DL	LOQ	Units
74-84-0	**Ethane**	**3.0**	0.17	1.0	ug/L
74-85-1	Ethene	0.24U	0.24	1.0	ug/L

Sample Results

MW7DD092822

Collect Date 09/28/2022 13:50 **Lab ID** 22209306816
Receive Date 09/30/2022 09:50 **Matrix** Water

EPA RSK175 (Continued)

Prep Date	Prep Batch	Prep Method	Dilution	Run Date	Run Batch	Analyst	%Moisture
NA	NA	NA	1	10/04/22 15:29	751114	LMB	NA

CAS#	Parameter	Result	DL	LOQ	Units
74-82-8	**Methane**	**26**	2.0	5.0	ug/L

MW10D092922

Collect Date 09/29/2022 09:30 **Lab ID** 22209306817
Receive Date 09/30/2022 09:50 **Matrix** Water

EPA RSK175

Prep Date	Prep Batch	Prep Method	Dilution	Run Date	Run Batch	Analyst	%Moisture
NA	NA	NA	1	10/04/22 15:40	751114	LMB	NA

CAS#	Parameter	Result	DL	LOQ	Units
74-84-0	Ethane	0.17U	0.17	1.0	ug/L
74-85-1	Ethene	0.24U	0.24	1.0	ug/L
74-82-8	**Methane**	**760**	2.0	5.0	ug/L

MW4D092922

Collect Date 09/29/2022 10:15 **Lab ID** 22209306818
Receive Date 09/30/2022 09:50 **Matrix** Water

EPA RSK175

Prep Date	Prep Batch	Prep Method	Dilution	Run Date	Run Batch	Analyst	%Moisture
NA	NA	NA	1	10/05/22 06:57	751162	LMB	NA

CAS#	Parameter	Result	DL	LOQ	Units
74-84-0	**Ethane**	**0.48J**	0.17	1.0	ug/L
74-85-1	Ethene	0.24U	0.24	1.0	ug/L
74-82-8	**Methane**	**28**	2.0	5.0	ug/L

MW10S092922

Collect Date 09/29/2022 10:40 **Lab ID** 22209306819
Receive Date 09/30/2022 09:50 **Matrix** Water

EPA RSK175

Prep Date	Prep Batch	Prep Method	Dilution	Run Date	Run Batch	Analyst	%Moisture
NA	NA	NA	1	10/05/22 07:08	751162	LMB	NA

CAS#	Parameter	Result	DL	LOQ	Units
74-84-0	Ethane	0.17U	0.17	1.0	ug/L
74-85-1	Ethene	0.24U	0.24	1.0	ug/L

Sample Results

MW10S092922

Collect Date	09/29/2022 10:40	Lab ID	22209306819
Receive Date	09/30/2022 09:50	Matrix	Water

EPA RSK175 (Continued)

Prep Date	Prep Batch	Prep Method	Dilution	Run Date	Run Batch	Analyst	%Moisture
NA	NA	NA	1	10/05/22 07:08	751162	LMB	NA

CAS#	Parameter	Result	DL	LOQ	Units
74-82-8	**Methane**	**720**	2.0	5.0	ug/L

QC TRIP BLANK

Collect Date	09/29/2022 00:01	Lab ID	22209306820
Receive Date	09/30/2022 09:50	Matrix	Water

EPA RSK175

Prep Date	Prep Batch	Prep Method	Dilution	Run Date	Run Batch	Analyst	%Moisture
NA	NA	NA	1	10/05/22 07:19	751162	LMB	NA

CAS#	Parameter	Result	DL	LOQ	Units
74-84-0	Ethane	0.17U	0.17	1.0	ug/L
74-85-1	Ethene	0.24U	0.24	1.0	ug/L
74-82-8	Methane	2.0U	2.0	5.0	ug/L

General Chromatography QC Summary

Analytical Batch 751114	Client ID	MB751114		LCS751114				LCSD751114				
	Lab ID	2403339		2403340				2403341				
	Sample Type	MB		LCS				LCSD				
	Prep Date	NA		NA				NA				
	Analysis Date	10/04/22 11:53		10/04/22 10:28				10/04/22 10:50				
	Matrix	Water		Water				Water				
EPA RSK175		Units Result	ug/L DL	Spike Added	Result	%R	Control Limits%R	Spike Added	Result	%R	RPD	RPD Limit
Ethane	74-84-0	0.17U	0.17	97	90	93	70 - 130	97	88	91	2	30
Ethene	74-85-1	0.24U	0.24	120	110	95	70 - 130	120	110	92	4	30
Methane	74-82-8	2.0U	2.0	380	350	91	70 - 130	380	340	89	3	30

Analytical Batch 751114	Client ID	MW8DD092822		MW8DDMS092822				MW8DDMSD092822				
	Lab ID	22209306813		22209306814				22209306815				
	Sample Type	SAMPLE		MS				MSD				
	Prep Date	NA		NA				NA				
	Analysis Date	10/04/2022 14:55		10/04/22 15:06				10/04/22 15:18				
	Matrix	Water		Water				Water				
EPA RSK175		Units Result	ug/L DL	Spike Added	Result	%R	Control Limits%R	Spike Added	Result	%R	RPD	RPD Limit
Ethane	74-84-0	0.41	0.17	97	73	75	70 - 130	97	69	70	7	30
Ethene	74-85-1	0.0	0.24	120	93	78	70 - 130	120	88	73	6	30
Methane	74-82-8	390	2.0	380	730	89	70 - 130	380	700	81	4	30

Analytical Batch 751162	Client ID	MB751162		LCS751162				LCSD751162				
	Lab ID	2403704		2403705				2403706				
	Sample Type	MB		LCS				LCSD				
	Prep Date	NA		NA				NA				
	Analysis Date	10/05/22 06:10		10/05/22 05:36				10/05/22 05:48				
	Matrix	Water		Water				Water				
EPA RSK175		Units Result	ug/L DL	Spike Added	Result	%R	Control Limits%R	Spike Added	Result	%R	RPD	RPD Limit
Ethane	74-84-0	0.17U	0.17	97	85	87	70 - 130	97	85	87	0	30
Ethene	74-85-1	0.24U	0.24	120	110	89	70 - 130	120	110	91	2	30
Methane	74-82-8	2.0U	2.0	380	330	87	70 - 130	380	330	87	0	30

CHAIN-OF-CUSTODY Analytical Request Document

Pace Analytical

Chain-of-Custody is a LEGAL DOCUMENT - Complete all relevent fields

LAB USE ONLY- Affix Wor

Client ID: OBG-NY - O'Brien & Gere NY
SDG: 222093068
PM: RWe

ALL SHAD

Container Preservative Ty

Company:	Billing Information:
RAMBOLL	
Address: 333 WEST WASHINGTON ST PO Box 4873	
Report To: YURI VELIZ	Email To: YURI.VELIZ@RAMBOLL.COM
Copy To:	Site Collection Info/Address:
Customer Project Name/Number: FOREST GLEN	State: NY County/City: NIAGARA FALLS Time Zone Collected: [ ]PT [ ]MT [ ]CT [X]ET
Phone: 315-956-6100 Email: YURI.VELIZ@RAMBOLL.COM	Site/Facility ID #:
Collected By (print): MARTIN KOENNEKE	Purchase Order #: Quote #:
Collected By (signature):	Turnaround Date Required: STANDARD
Sample Disposal: [ ] Dispose as appropriate [ ] Return [ ] Archive: [ ] Hold:	Rush: [ ] Same Day [ ] Next Day [ ] 2 Day [ ] 3 Day [ ] 4 Day [ ] 5 Day (Expedite Charges Apply)

Compliance Monitoring?	DW PWS ID #:	Immediately Packed on Ice:	Field Filtered (if applicable):
[ ] Yes [ ] No	DW Location Code:	[ ] Yes [ ] No	[ ] Yes [ ] No

Analysis: _____

** Preservative Types: (1) nitric acid, (2) sulfuric acid, (3) hydrochloric acid, (4) sodium hydroxide, (5) zinc acetate, (6) methanol, (7) sodium bisulfate, (8) sodium thiosulfate, (9) hexane, (A) ascorbic acid, (B) ammonium sulfate, (C) ammonium hydroxide, (D) TSP, (U) Unpreserved, (O) Other _____

Analyses

MEE

Lab Profile/Line:

Lab Sample Receipt Checklist:

Custody Seals Present/Intact	Y	N	NA
Custody Signatures Present	Y	N	NA
Collector Signature Present	Y	N	NA
Bottles Intact	Y	N	NA
Correct Bottles	Y	N	NA
Sufficient Volume	Y	N	NA
Samples Received on Ice	Y	N	NA
VOA - Headspace Acceptable	Y	N	NA
USDA Regulated Soils	Y	N	NA
Samples in Holding Time	Y	N	NA
Residual Chlorine Present	Y	N	NA
Cl Strips: _____			
Sample pH Acceptable	Y	N	NA
pH Strips: _____			
Sulfide Present	Y	N	NA
Lead Acetate Strips: _____			

LAB USE ONLY:
Lab Sample # / Comments:

* Matrix Codes (Insert in Matrix box below): Drinking Water (DW), Ground Water (GW), Wastewater (WW), Product (P), Soil/Solid (SL), Oil (OL), Wipe (WP), Air (AR), Tissue (TS), Bioassay (B), Vapor (V), Other (OT)

	Customer Sample ID	Matrix *	Comp / Grab	Collected (or Composite Start) Date	Collected (or Composite Start) Time	Composite End Date	Composite End Time	Res Cl	# of Ctns
1	MW6DD092722	GW	GRAB	9-27-22	9:15				3
2	MW6D092722	GW	GRAB	9-27-22	9:20				3
3	MW6S092722	GW	GRAB	9-27-22	11:30				3
4	MW1S092722	GW	GRAB	9-27-22	11:55				3
5	MW5D092722	GW	GRAB	9-27-22	13:50				3
6	MW1D092722	GW	GRAB	9-27-22	14:05				3
7	MW5S092722	GW	GRAB	9-27-22	16:00				3
8	MW8D092822	GW	GRAB	9-28-22	9:05				3
9	MW7D092822	GW	GRAB	9-28-22	9:50				3
10	X-1092822	GW	GRAB	9-28-22	—				3

Customer Remarks / Special Conditions / Possible Hazards:

Type of Ice Used: Wet Blue Dry None

Packing Material Used: UPS 6823

Radchem sample(s) screened (<500 cpm): Y N NA

SHORT HOLDS PRESENT (<72 hours): Y N N/A

Lab Tracking #: 2847633

Samples received via: FEDEX UPS Client Courier Pace Courier

Lab Sample Temperature Info:
Temp Blank Received: Y N NA
Therm ID#: _____
Cooler 1 Temp Upon Receipt: _____oC
Cooler 1 Therm Corr. Factor: _____oC
Cooler 1 Corrected Temp: _____oC
Comments:
2.4 EE2

Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:
VSOLIS	9-29-22		
Relinquished by/Company: (Signature) FedEx UPS	Date/Time: 9/30/22 9:50	Received by/Company: (Signature)	Date/Time: 9/30/22 9:50
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:

MTJL LAB USE ONLY
Table #:
Acctnum:
Template:
Prelogin:
PM:
PB:

Trip Blank Received: Y N NA
HCL MeOH TSP Other

Non Conformance(s): YES / NO

Page: 1 of: _____

CHAIN-OF-CUSTODY Analytical Request Document

Pace Analytical

Chain-of-Custody is a LEGAL DOCUMENT - Complete all relevent fields

LAB USE ONLY- Affix W

ALL SHA

Client ID: OBG-NY - O'Brien & Gere NY

SDG: 222093068

PM: RWe

Company: RAMBOLL	Billing Information:
Address: 333 WEST WASHINGTON ST SYRACUSE	PO BOX 4873
Report To: YURI VELIZ	Email To: YURI.VELIZ@RAMBOLL.COM
Copy To:	Site Collection Info/Address:
Customer Project Name/Number: FOREST GLEN	State: NY County/City: NIAGARA FALLS Time Zone Collected: [ ] PT [ ] MT [ ] CT [X] ET
Phone: 315-956-6100 Email:	Site/Facility ID #: Compliance Monitoring? [ ] Yes [ ] No
Collected By (print): MARTIN KOERNECKE	Purchase Order #: Quote #: DW PWS ID #: DW Location Code:
Collected By (signature):	Turnaround Date Required: STANDARD Immediately Packed on Ice: [ ] Yes [ ] No
Sample Disposal: [ ] Dispose as appropriate [ ] Return [ ] Archive: [ ] Hold:	Rush: [ ] Same Day [ ] Next Day [ ] 2 Day [ ] 3 Day [ ] 4 Day [ ] 5 Day (Expedite Charges Apply) Field Filtered (if applicable): [ ] Yes [ ] No Analysis:

Container Preservative: D

** Preservative Types: (1) nitric acid, (2) sulfuric acid, (3) hydrochloric acid, (4) sodium hydroxide, (5) zinc acetate, (6) methanol, (7) sodium bisulfate, (8) sodium thiosulfate, (9) hexane, (A) ascorbic acid, (B) ammonium sulfate, (C) ammonium hydroxide, (D) TSP, (U) Unpreserved, (O) Other _____

Analyses: MEE

Lab Profile/Line:

Lab Sample Receipt Checklist:

Custody Seals Present/Intact	Y N NA
Custody Signatures Present	Y N NA
Collector Signature Present	Y N NA
Bottles Intact	Y N NA
Correct Bottles	Y N NA
Sufficient Volume	Y N NA
Samples Received on Ice	Y N NA
VOA - Headspace Acceptable	Y N NA
USDA Regulated Soils	Y N NA
Samples in Holding Time	Y N NA
Residual Chlorine Present	Y N NA
Cl Strips:	
Sample pH Acceptable	Y N NA
pH Strips:	
Sulfide Present	Y N NA
Lead Acetate Strips:	

LAB USE ONLY:
Lab Sample # / Comments:

* Matrix Codes (Insert in Matrix box below): Drinking Water (DW), Ground Water (GW), Wastewater (WW), Product (P), Soil/Solid (SL), Oil (OL), Wipe (WP), Air (AR), Tissue (TS), Bioassay (B), Vapor (V), Other (OT)

Customer Sample ID	Matrix *	Comp / Grab	Collected (or Composite Start) Date	Collected (or Composite Start) Time	Composite End Date	Composite End Time	Res Cl	# of Ctns	
MW8S 092822	GW	GRAB	9-28-22	10:30				3	11
MW7S 092822	GW	GRAB	9-28-22	11:25				3	12
MW8DD 092822	GW	GRAB	9-28-22	12:55				3	13
MW8DDMS 092822	GW	GRAB	9-28-22	12:55				3	14
MW8DDMSD 092822	GW	GRAB	9-28-22	12:55				3	15
MW7DD 092822	GW	GRAB	9-28-22	13:50				3	16
MW10D 092922	GW	GRAB	9-29-22	9:30				3	17
MW4D 092922	GW	GRAB	9-29-22	10:15				3	18
MW105 092922	GW	GRAB	9-29-22	10:40				3	19
QC Trip Blank	W							2	20

Customer Remarks / Special Conditions / Possible Hazards:

Type of Ice Used: Wet Blue Dry None

Packing Material Used:

Radchem sample(s) screened (<500 cpm): Y N NA

SHORT HOLDS PRESENT (<72 hours): Y N N/A

Lab Tracking #: 2847634

Samples received via: FEDEX UPS Client Courier Pace Courier

Lab Sample Temperature Info:
Temp Blank Received: Y N NA
Therm ID#:
Cooler 1 Temp Upon Receipt: ____oC
Cooler 1 Therm Corr. Factor: ____oC
Cooler 1 Corrected Temp: ____oC
Comments:

Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:
Martin Koernecke VSWIG			
UPS	9/30/22 9:50		9/30/22 9:50

MTJL LAB USE ONLY
Table #:
Acctnum:
Template:
Prelogin:
PM:
PB:

Trip Blank Received: Y N NA
HCL MeOH TSP Other

Non Conformance(s): YES / NO

Page: ____ of: ____

SAMPLE RECEIVING CHECKLIST

SAMPLE DELIVERY GROUP 222093068	
Client **PM** RWe OBG-NY - O'Brien & Gere NY	**Transport Method** UPS
Profile Number 284604	**Received By** Henderson, Jacob R.
Line Item(s) 1 - RSK-175	**Receive Date(s)** 09/30/22

CHECKLIST	YES	NO
Samples received with proper thermal preservation?	☑	☐
Radioactivity is <1600 cpm? If no, record cpm value in notes section.	☑	☐
COC relinquished and complete (including sampleIDs, collect times, and sampler)?	☑	☐
All containers received in good condition and within hold time?	☑	☐
All sample labels and containers received match the chain of custody?	☑	☐
Preservative added to any containers?	☐	☑
If received, was headspace for VOC water containers < 6mm?	☑	☐
Samples collected in containers provided by Pace Gulf Coast?	☑	☐

COOLERS

Airbill	Thermometer ID: E42	Temp °C
		2.6

DISCREPANCIES

None

LAB PRESERVATIONS

None

NOTES

eurofins | Environment Testing

ANALYTICAL REPORT

PREPARED FOR

Attn: Mr. David J Carnevale
O'Brien & Gere Inc of North America
333 West Washington St.
PO BOX 4873
East Syracuse, New York 13221

Generated 1/5/2023 3:20:41 PM

JOB DESCRIPTION

Forest Glen Monitoring

JOB NUMBER

480-205019-1

Eurofins Buffalo
10 Hazelwood Drive
Amherst NY 14228-2298

See page two for job notes and contact information.

myEOL

Job Notes

The test results in this report meet all NELAP requirements for parameters for which accreditation is required or available. Any exceptions to the NELAP requirements are noted in this report. Pursuant to NELAP, this report may not be reproduced, except in full, without the written approval of the laboratory. This report is confidential and is intended for the sole use of Eurofins Environment Testing Northeast, LLC Buffalo and its client. All questions regarding this report should be directed to the Eurofins Environment Testing Northeast, LLC Buffalo Project Manager or designee who has signed this report.

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

Authorization

Generated
1/5/2023 3:20:41 PM

Authorized for release by
Judy Stone, Senior Project Manager
Judy.Stone@et.eurofinsus.com
Designee for
John Schove, Project Manager II
John.Schove@et.eurofinsus.com
(716)504-9838

Table of Contents

Definitions/Glossary

Client: O'Brien & Gere Inc of North America
Project/Site: Forest Glen Monitoring

Job ID: 480-205019-1

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
*+	LCS and/or LCSD is outside acceptance limits, high biased.
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.

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

Job ID: 480-205019-1

Laboratory: Eurofins Buffalo

Narrative

Job Narrative
480-205019-1

Comments
No additional comments.

Receipt
The samples were received on 12/22/2022 1:05 PM. Unless otherwise noted below, the samples arrived in good condition, and where required, properly preserved and on ice. The temperature of the cooler at receipt was 3.1º C.

GC/MS VOA
Method 8260C: The continuing calibration verification (CCV) associated with batch 480-654472 recovered above the upper control limit for 2-Hexanone and 4-Methyl-2-pentanone (MIBK). The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated samples are impacted: MW6D122122 (480-205019-1), MW6DD122122 (480-205019-2), MW6S122122 (480-205019-3), MW1S122122 (480-205019-4), MW5D122122 (480-205019-5), MW1D122122 (480-205019-6), MW5S122122 (480-205019-7), MW4D122122 (480-205019-8), MW10S122122 (480-205019-9), MW4S122122 (480-205019-10), MW10D122122 (480-205019-11), MW8DD122222 (480-205019-12), MW7D122222 (480-205019-13), MW8S122222 (480-205019-14), MW7S122222 (480-205019-15), MW8D122222 (480-205019-16), MW7DD122222 (480-205019-17), X-1122122 (480-205019-18) and TRIP BLANK (480-205019-19).

Method 8260C: The laboratory control sample (LCS) for analytical batch 480-654472 recovered outside control limits for the following analytes: 2-Hexanone and 4-Methyl-2-pentanone (MIBK). These analytes were biased high in the LCS and were not detected in the associated samples; therefore, the data have been reported. The associated samples are impacted: MW6D122122 (480-205019-1), MW6DD122122 (480-205019-2), MW6S122122 (480-205019-3), MW1S122122 (480-205019-4), MW5D122122 (480-205019-5), MW1D122122 (480-205019-6), MW5S122122 (480-205019-7), MW4D122122 (480-205019-8), MW10S122122 (480-205019-9), MW4S122122 (480-205019-10), MW10D122122 (480-205019-11), MW8DD122222 (480-205019-12), MW7D122222 (480-205019-13), MW8S122222 (480-205019-14), MW7S122222 (480-205019-15), MW8D122222 (480-205019-16), MW7DD122222 (480-205019-17), X-1122122 (480-205019-18) and TRIP BLANK (480-205019-19).

Method 8260C: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for analytical batch 480-654472 were outside control limits. The associated samples are impacted: MW5S122122 MS (480-205019-7[MS]) and MW5S122122 MSD (480-205019-7[MSD]).

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

Detection Summary

Client: O'Brien & Gere Inc of North America
Project/Site: Forest Glen Monitoring

Job ID: 480-205019-1

Client Sample ID: MW6D122122 — Lab Sample ID: 480-205019-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	0.51	J	1.0	0.38	ug/L	1		8260C	Total/NA
cis-1,2-Dichloroethene	1.2		1.0	0.81	ug/L	1		8260C	Total/NA
Vinyl chloride	2.6		1.0	0.90	ug/L	1		8260C	Total/NA

Client Sample ID: MW6DD122122 — Lab Sample ID: 480-205019-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	15		1.0	0.81	ug/L	1		8260C	Total/NA
Vinyl chloride	5.1		1.0	0.90	ug/L	1		8260C	Total/NA

Client Sample ID: MW6S122122 — Lab Sample ID: 480-205019-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	6.3		1.0	0.81	ug/L	1		8260C	Total/NA
Vinyl chloride	11		1.0	0.90	ug/L	1		8260C	Total/NA

Client Sample ID: MW1S122122 — Lab Sample ID: 480-205019-4

No Detections.

Client Sample ID: MW5D122122 — Lab Sample ID: 480-205019-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methyl tert-butyl ether	0.34	J	1.0	0.16	ug/L	1		8260C	Total/NA

Client Sample ID: MW1D122122 — Lab Sample ID: 480-205019-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methyl tert-butyl ether	0.49	J	1.0	0.16	ug/L	1		8260C	Total/NA

Client Sample ID: MW5S122122 — Lab Sample ID: 480-205019-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1,1-Trichloroethane	2.6		1.0	0.82	ug/L	1		8260C	Total/NA
1,1-Dichloroethane	15		1.0	0.38	ug/L	1		8260C	Total/NA
1,1-Dichloroethene	1.3		1.0	0.29	ug/L	1		8260C	Total/NA
cis-1,2-Dichloroethene	16		1.0	0.81	ug/L	1		8260C	Total/NA
Trichloroethene	8.2		1.0	0.46	ug/L	1		8260C	Total/NA

Client Sample ID: MW4D122122 — Lab Sample ID: 480-205019-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methyl tert-butyl ether	0.34	J	1.0	0.16	ug/L	1		8260C	Total/NA

Client Sample ID: MW10S122122 — Lab Sample ID: 480-205019-9

No Detections.

Client Sample ID: MW4S122122 — Lab Sample ID: 480-205019-10

No Detections.

Client Sample ID: MW10D122122 — Lab Sample ID: 480-205019-11

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methyl tert-butyl ether	0.19	J	1.0	0.16	ug/L	1		8260C	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins Buffalo

Detection Summary

Client: O'Brien & Gere Inc of North America
Project/Site: Forest Glen Monitoring

Job ID: 480-205019-1

Client Sample ID: MW8DD122222 — Lab Sample ID: 480-205019-12

No Detections.

Client Sample ID: MW7D122222 — Lab Sample ID: 480-205019-13

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Trichloroethene	0.87	J	1.0	0.46	ug/L	1		8260C	Total/NA

Client Sample ID: MW8S122222 — Lab Sample ID: 480-205019-14

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	1.8		1.0	0.81	ug/L	1		8260C	Total/NA
Tetrachloroethene	0.41	J	1.0	0.36	ug/L	1		8260C	Total/NA
Trichloroethene	2.1		1.0	0.46	ug/L	1		8260C	Total/NA

Client Sample ID: MW7S122222 — Lab Sample ID: 480-205019-15

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

Client Sample ID: MW8D122222 — Lab Sample ID: 480-205019-16

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	0.43	J	1.0	0.38	ug/L	1		8260C	Total/NA

Client Sample ID: MW7DD122222 — Lab Sample ID: 480-205019-17

No Detections.

Client Sample ID: X-1122122 — Lab Sample ID: 480-205019-18

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methyl tert-butyl ether	0.17	J	1.0	0.16	ug/L	1		8260C	Total/NA

Client Sample ID: TRIP BLANK — Lab Sample ID: 480-205019-19

No Detections.

This Detection Summary does not include radiochemical test results.

Client: O'Brien & Gere Inc of North America
Project/Site: Forest Glen Monitoring

Job ID: 480-205019-1

Client Sample ID: MW6D122122
Date Collected: 12/21/22 09:05
Date Received: 12/22/22 13:05

Lab Sample ID: 480-205019-1
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			12/27/22 17:08	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			12/27/22 17:08	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			12/27/22 17:08	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			12/27/22 17:08	1
1,1-Dichloroethane	**0.51**	**J**	1.0	0.38	ug/L			12/27/22 17:08	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			12/27/22 17:08	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			12/27/22 17:08	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			12/27/22 17:08	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			12/27/22 17:08	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			12/27/22 17:08	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			12/27/22 17:08	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			12/27/22 17:08	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			12/27/22 17:08	1
2-Butanone (MEK)	ND		10	1.3	ug/L			12/27/22 17:08	1
2-Hexanone	ND	*+	5.0	1.2	ug/L			12/27/22 17:08	1
4-Methyl-2-pentanone (MIBK)	ND	*+	5.0	2.1	ug/L			12/27/22 17:08	1
Acetone	ND		10	3.0	ug/L			12/27/22 17:08	1
Benzene	ND		1.0	0.41	ug/L			12/27/22 17:08	1
Bromodichloromethane	ND		1.0	0.39	ug/L			12/27/22 17:08	1
Bromoform	ND		1.0	0.26	ug/L			12/27/22 17:08	1
Bromomethane	ND		1.0	0.69	ug/L			12/27/22 17:08	1
Carbon disulfide	ND		1.0	0.19	ug/L			12/27/22 17:08	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			12/27/22 17:08	1
Chlorobenzene	ND		1.0	0.75	ug/L			12/27/22 17:08	1
Dibromochloromethane	ND		1.0	0.32	ug/L			12/27/22 17:08	1
Chloroethane	ND		1.0	0.32	ug/L			12/27/22 17:08	1
Chloroform	ND		1.0	0.34	ug/L			12/27/22 17:08	1
Chloromethane	ND		1.0	0.35	ug/L			12/27/22 17:08	1
cis-1,2-Dichloroethene	**1.2**		1.0	0.81	ug/L			12/27/22 17:08	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			12/27/22 17:08	1
Cyclohexane	ND		1.0	0.18	ug/L			12/27/22 17:08	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			12/27/22 17:08	1
Ethylbenzene	ND		1.0	0.74	ug/L			12/27/22 17:08	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			12/27/22 17:08	1
Isopropylbenzene	ND		1.0	0.79	ug/L			12/27/22 17:08	1
Methyl acetate	ND		2.5	1.3	ug/L			12/27/22 17:08	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			12/27/22 17:08	1
Methylcyclohexane	ND		1.0	0.16	ug/L			12/27/22 17:08	1
Methylene Chloride	ND		1.0	0.44	ug/L			12/27/22 17:08	1
Styrene	ND		1.0	0.73	ug/L			12/27/22 17:08	1
Tetrachloroethene	ND		1.0	0.36	ug/L			12/27/22 17:08	1
Toluene	ND		1.0	0.51	ug/L			12/27/22 17:08	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			12/27/22 17:08	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			12/27/22 17:08	1
Trichloroethene	ND		1.0	0.46	ug/L			12/27/22 17:08	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			12/27/22 17:08	1
Vinyl chloride	**2.6**		1.0	0.90	ug/L			12/27/22 17:08	1
Xylenes, Total	ND		2.0	0.66	ug/L			12/27/22 17:08	1

Client: O'Brien & Gere Inc of North America
Project/Site: Forest Glen Monitoring

Job ID: 480-205019-1

Client Sample ID: MW6D122122
Date Collected: 12/21/22 09:05
Date Received: 12/22/22 13:05

Lab Sample ID: 480-205019-1
Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	88		80 - 120		12/27/22 17:08	1
1,2-Dichloroethane-d4 (Surr)	109		77 - 120		12/27/22 17:08	1
4-Bromofluorobenzene (Surr)	90		73 - 120		12/27/22 17:08	1
Dibromofluoromethane (Surr)	97		75 - 123		12/27/22 17:08	1

Client: O'Brien & Gere Inc of North America
Project/Site: Forest Glen Monitoring

Job ID: 480-205019-1

Client Sample ID: MW6DD122122
Date Collected: 12/21/22 09:10
Date Received: 12/22/22 13:05

Lab Sample ID: 480-205019-2
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			12/27/22 17:30	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			12/27/22 17:30	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			12/27/22 17:30	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			12/27/22 17:30	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			12/27/22 17:30	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			12/27/22 17:30	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			12/27/22 17:30	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			12/27/22 17:30	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			12/27/22 17:30	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			12/27/22 17:30	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			12/27/22 17:30	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			12/27/22 17:30	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			12/27/22 17:30	1
2-Butanone (MEK)	ND		10	1.3	ug/L			12/27/22 17:30	1
2-Hexanone	ND	*+	5.0	1.2	ug/L			12/27/22 17:30	1
4-Methyl-2-pentanone (MIBK)	ND	*+	5.0	2.1	ug/L			12/27/22 17:30	1
Acetone	ND		10	3.0	ug/L			12/27/22 17:30	1
Benzene	ND		1.0	0.41	ug/L			12/27/22 17:30	1
Bromodichloromethane	ND		1.0	0.39	ug/L			12/27/22 17:30	1
Bromoform	ND		1.0	0.26	ug/L			12/27/22 17:30	1
Bromomethane	ND		1.0	0.69	ug/L			12/27/22 17:30	1
Carbon disulfide	ND		1.0	0.19	ug/L			12/27/22 17:30	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			12/27/22 17:30	1
Chlorobenzene	ND		1.0	0.75	ug/L			12/27/22 17:30	1
Dibromochloromethane	ND		1.0	0.32	ug/L			12/27/22 17:30	1
Chloroethane	ND		1.0	0.32	ug/L			12/27/22 17:30	1
Chloroform	ND		1.0	0.34	ug/L			12/27/22 17:30	1
Chloromethane	ND		1.0	0.35	ug/L			12/27/22 17:30	1
cis-1,2-Dichloroethene	**15**		1.0	0.81	ug/L			12/27/22 17:30	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			12/27/22 17:30	1
Cyclohexane	ND		1.0	0.18	ug/L			12/27/22 17:30	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			12/27/22 17:30	1
Ethylbenzene	ND		1.0	0.74	ug/L			12/27/22 17:30	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			12/27/22 17:30	1
Isopropylbenzene	ND		1.0	0.79	ug/L			12/27/22 17:30	1
Methyl acetate	ND		2.5	1.3	ug/L			12/27/22 17:30	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			12/27/22 17:30	1
Methylcyclohexane	ND		1.0	0.16	ug/L			12/27/22 17:30	1
Methylene Chloride	ND		1.0	0.44	ug/L			12/27/22 17:30	1
Styrene	ND		1.0	0.73	ug/L			12/27/22 17:30	1
Tetrachloroethene	ND		1.0	0.36	ug/L			12/27/22 17:30	1
Toluene	ND		1.0	0.51	ug/L			12/27/22 17:30	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			12/27/22 17:30	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			12/27/22 17:30	1
Trichloroethene	ND		1.0	0.46	ug/L			12/27/22 17:30	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			12/27/22 17:30	1
Vinyl chloride	**5.1**		1.0	0.90	ug/L			12/27/22 17:30	1
Xylenes, Total	ND		2.0	0.66	ug/L			12/27/22 17:30	1

Client: O'Brien & Gere Inc of North America
Project/Site: Forest Glen Monitoring

Job ID: 480-205019-1

Client Sample ID: MW6DD122122
Date Collected: 12/21/22 09:10
Date Received: 12/22/22 13:05

Lab Sample ID: 480-205019-2
Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	89		80 - 120		12/27/22 17:30	1
1,2-Dichloroethane-d4 (Surr)	109		77 - 120		12/27/22 17:30	1
4-Bromofluorobenzene (Surr)	92		73 - 120		12/27/22 17:30	1
Dibromofluoromethane (Surr)	98		75 - 123		12/27/22 17:30	1

Client: O'Brien & Gere Inc of North America
Project/Site: Forest Glen Monitoring

Job ID: 480-205019-1

Client Sample ID: MW6S122122
Date Collected: 12/21/22 10:25
Date Received: 12/22/22 13:05

Lab Sample ID: 480-205019-3
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			12/27/22 17:52	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			12/27/22 17:52	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			12/27/22 17:52	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			12/27/22 17:52	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			12/27/22 17:52	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			12/27/22 17:52	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			12/27/22 17:52	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			12/27/22 17:52	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			12/27/22 17:52	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			12/27/22 17:52	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			12/27/22 17:52	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			12/27/22 17:52	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			12/27/22 17:52	1
2-Butanone (MEK)	ND		10	1.3	ug/L			12/27/22 17:52	1
2-Hexanone	ND	*+	5.0	1.2	ug/L			12/27/22 17:52	1
4-Methyl-2-pentanone (MIBK)	ND	*+	5.0	2.1	ug/L			12/27/22 17:52	1
Acetone	ND		10	3.0	ug/L			12/27/22 17:52	1
Benzene	ND		1.0	0.41	ug/L			12/27/22 17:52	1
Bromodichloromethane	ND		1.0	0.39	ug/L			12/27/22 17:52	1
Bromoform	ND		1.0	0.26	ug/L			12/27/22 17:52	1
Bromomethane	ND		1.0	0.69	ug/L			12/27/22 17:52	1
Carbon disulfide	ND		1.0	0.19	ug/L			12/27/22 17:52	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			12/27/22 17:52	1
Chlorobenzene	ND		1.0	0.75	ug/L			12/27/22 17:52	1
Dibromochloromethane	ND		1.0	0.32	ug/L			12/27/22 17:52	1
Chloroethane	ND		1.0	0.32	ug/L			12/27/22 17:52	1
Chloroform	ND		1.0	0.34	ug/L			12/27/22 17:52	1
Chloromethane	ND		1.0	0.35	ug/L			12/27/22 17:52	1
cis-1,2-Dichloroethene	**6.3**		1.0	0.81	ug/L			12/27/22 17:52	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			12/27/22 17:52	1
Cyclohexane	ND		1.0	0.18	ug/L			12/27/22 17:52	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			12/27/22 17:52	1
Ethylbenzene	ND		1.0	0.74	ug/L			12/27/22 17:52	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			12/27/22 17:52	1
Isopropylbenzene	ND		1.0	0.79	ug/L			12/27/22 17:52	1
Methyl acetate	ND		2.5	1.3	ug/L			12/27/22 17:52	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			12/27/22 17:52	1
Methylcyclohexane	ND		1.0	0.16	ug/L			12/27/22 17:52	1
Methylene Chloride	ND		1.0	0.44	ug/L			12/27/22 17:52	1
Styrene	ND		1.0	0.73	ug/L			12/27/22 17:52	1
Tetrachloroethene	ND		1.0	0.36	ug/L			12/27/22 17:52	1
Toluene	ND		1.0	0.51	ug/L			12/27/22 17:52	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			12/27/22 17:52	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			12/27/22 17:52	1
Trichloroethene	ND		1.0	0.46	ug/L			12/27/22 17:52	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			12/27/22 17:52	1
Vinyl chloride	**11**		1.0	0.90	ug/L			12/27/22 17:52	1
Xylenes, Total	ND		2.0	0.66	ug/L			12/27/22 17:52	1

Client: O'Brien & Gere Inc of North America
Project/Site: Forest Glen Monitoring

Job ID: 480-205019-1

Client Sample ID: MW6S122122
Date Collected: 12/21/22 10:25
Date Received: 12/22/22 13:05

Lab Sample ID: 480-205019-3
Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	89		80 - 120		12/27/22 17:52	1
1,2-Dichloroethane-d4 (Surr)	109		77 - 120		12/27/22 17:52	1
4-Bromofluorobenzene (Surr)	92		73 - 120		12/27/22 17:52	1
Dibromofluoromethane (Surr)	97		75 - 123		12/27/22 17:52	1

Client: O'Brien & Gere Inc of North America
Project/Site: Forest Glen Monitoring

Job ID: 480-205019-1

Client Sample ID: MW1S122122
Date Collected: 12/21/22 11:30
Date Received: 12/22/22 13:05

Lab Sample ID: 480-205019-4
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			12/27/22 18:14	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			12/27/22 18:14	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			12/27/22 18:14	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			12/27/22 18:14	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			12/27/22 18:14	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			12/27/22 18:14	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			12/27/22 18:14	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			12/27/22 18:14	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			12/27/22 18:14	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			12/27/22 18:14	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			12/27/22 18:14	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			12/27/22 18:14	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			12/27/22 18:14	1
2-Butanone (MEK)	ND		10	1.3	ug/L			12/27/22 18:14	1
2-Hexanone	ND	*+	5.0	1.2	ug/L			12/27/22 18:14	1
4-Methyl-2-pentanone (MIBK)	ND	*+	5.0	2.1	ug/L			12/27/22 18:14	1
Acetone	ND		10	3.0	ug/L			12/27/22 18:14	1
Benzene	ND		1.0	0.41	ug/L			12/27/22 18:14	1
Bromodichloromethane	ND		1.0	0.39	ug/L			12/27/22 18:14	1
Bromoform	ND		1.0	0.26	ug/L			12/27/22 18:14	1
Bromomethane	ND		1.0	0.69	ug/L			12/27/22 18:14	1
Carbon disulfide	ND		1.0	0.19	ug/L			12/27/22 18:14	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			12/27/22 18:14	1
Chlorobenzene	ND		1.0	0.75	ug/L			12/27/22 18:14	1
Dibromochloromethane	ND		1.0	0.32	ug/L			12/27/22 18:14	1
Chloroethane	ND		1.0	0.32	ug/L			12/27/22 18:14	1
Chloroform	ND		1.0	0.34	ug/L			12/27/22 18:14	1
Chloromethane	ND		1.0	0.35	ug/L			12/27/22 18:14	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			12/27/22 18:14	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			12/27/22 18:14	1
Cyclohexane	ND		1.0	0.18	ug/L			12/27/22 18:14	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			12/27/22 18:14	1
Ethylbenzene	ND		1.0	0.74	ug/L			12/27/22 18:14	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			12/27/22 18:14	1
Isopropylbenzene	ND		1.0	0.79	ug/L			12/27/22 18:14	1
Methyl acetate	ND		2.5	1.3	ug/L			12/27/22 18:14	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			12/27/22 18:14	1
Methylcyclohexane	ND		1.0	0.16	ug/L			12/27/22 18:14	1
Methylene Chloride	ND		1.0	0.44	ug/L			12/27/22 18:14	1
Styrene	ND		1.0	0.73	ug/L			12/27/22 18:14	1
Tetrachloroethene	ND		1.0	0.36	ug/L			12/27/22 18:14	1
Toluene	ND		1.0	0.51	ug/L			12/27/22 18:14	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			12/27/22 18:14	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			12/27/22 18:14	1
Trichloroethene	ND		1.0	0.46	ug/L			12/27/22 18:14	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			12/27/22 18:14	1
Vinyl chloride	ND		1.0	0.90	ug/L			12/27/22 18:14	1
Xylenes, Total	ND		2.0	0.66	ug/L			12/27/22 18:14	1

Client: O'Brien & Gere Inc of North America
Project/Site: Forest Glen Monitoring

Job ID: 480-205019-1

Client Sample ID: MW1S122122
Date Collected: 12/21/22 11:30
Date Received: 12/22/22 13:05

Lab Sample ID: 480-205019-4
Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	88		80 - 120		12/27/22 18:14	1
1,2-Dichloroethane-d4 (Surr)	109		77 - 120		12/27/22 18:14	1
4-Bromofluorobenzene (Surr)	92		73 - 120		12/27/22 18:14	1
Dibromofluoromethane (Surr)	98		75 - 123		12/27/22 18:14	1

Client: O'Brien & Gere Inc of North America
Project/Site: Forest Glen Monitoring

Job ID: 480-205019-1

Client Sample ID: MW5D122122
Date Collected: 12/21/22 11:43
Date Received: 12/22/22 13:05

Lab Sample ID: 480-205019-5
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			12/27/22 18:36	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			12/27/22 18:36	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			12/27/22 18:36	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			12/27/22 18:36	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			12/27/22 18:36	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			12/27/22 18:36	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			12/27/22 18:36	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			12/27/22 18:36	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			12/27/22 18:36	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			12/27/22 18:36	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			12/27/22 18:36	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			12/27/22 18:36	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			12/27/22 18:36	1
2-Butanone (MEK)	ND		10	1.3	ug/L			12/27/22 18:36	1
2-Hexanone	ND	*+	5.0	1.2	ug/L			12/27/22 18:36	1
4-Methyl-2-pentanone (MIBK)	ND	*+	5.0	2.1	ug/L			12/27/22 18:36	1
Acetone	ND		10	3.0	ug/L			12/27/22 18:36	1
Benzene	ND		1.0	0.41	ug/L			12/27/22 18:36	1
Bromodichloromethane	ND		1.0	0.39	ug/L			12/27/22 18:36	1
Bromoform	ND		1.0	0.26	ug/L			12/27/22 18:36	1
Bromomethane	ND		1.0	0.69	ug/L			12/27/22 18:36	1
Carbon disulfide	ND		1.0	0.19	ug/L			12/27/22 18:36	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			12/27/22 18:36	1
Chlorobenzene	ND		1.0	0.75	ug/L			12/27/22 18:36	1
Dibromochloromethane	ND		1.0	0.32	ug/L			12/27/22 18:36	1
Chloroethane	ND		1.0	0.32	ug/L			12/27/22 18:36	1
Chloroform	ND		1.0	0.34	ug/L			12/27/22 18:36	1
Chloromethane	ND		1.0	0.35	ug/L			12/27/22 18:36	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			12/27/22 18:36	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			12/27/22 18:36	1
Cyclohexane	ND		1.0	0.18	ug/L			12/27/22 18:36	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			12/27/22 18:36	1
Ethylbenzene	ND		1.0	0.74	ug/L			12/27/22 18:36	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			12/27/22 18:36	1
Isopropylbenzene	ND		1.0	0.79	ug/L			12/27/22 18:36	1
Methyl acetate	ND		2.5	1.3	ug/L			12/27/22 18:36	1
Methyl tert-butyl ether	**0.34**	**J**	1.0	0.16	ug/L			12/27/22 18:36	1
Methylcyclohexane	ND		1.0	0.16	ug/L			12/27/22 18:36	1
Methylene Chloride	ND		1.0	0.44	ug/L			12/27/22 18:36	1
Styrene	ND		1.0	0.73	ug/L			12/27/22 18:36	1
Tetrachloroethene	ND		1.0	0.36	ug/L			12/27/22 18:36	1
Toluene	ND		1.0	0.51	ug/L			12/27/22 18:36	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			12/27/22 18:36	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			12/27/22 18:36	1
Trichloroethene	ND		1.0	0.46	ug/L			12/27/22 18:36	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			12/27/22 18:36	1
Vinyl chloride	ND		1.0	0.90	ug/L			12/27/22 18:36	1
Xylenes, Total	ND		2.0	0.66	ug/L			12/27/22 18:36	1

Client: O'Brien & Gere Inc of North America
Project/Site: Forest Glen Monitoring

Job ID: 480-205019-1

Client Sample ID: MW5D122122
Date Collected: 12/21/22 11:43
Date Received: 12/22/22 13:05

Lab Sample ID: 480-205019-5
Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	88		80 - 120		12/27/22 18:36	1
1,2-Dichloroethane-d4 (Surr)	109		77 - 120		12/27/22 18:36	1
4-Bromofluorobenzene (Surr)	92		73 - 120		12/27/22 18:36	1
Dibromofluoromethane (Surr)	97		75 - 123		12/27/22 18:36	1

Client: O'Brien & Gere Inc of North America
Project/Site: Forest Glen Monitoring

Job ID: 480-205019-1

Client Sample ID: MW1D122122
Date Collected: 12/21/22 12:35
Date Received: 12/22/22 13:05

Lab Sample ID: 480-205019-6
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			12/27/22 18:58	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			12/27/22 18:58	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			12/27/22 18:58	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			12/27/22 18:58	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			12/27/22 18:58	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			12/27/22 18:58	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			12/27/22 18:58	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			12/27/22 18:58	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			12/27/22 18:58	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			12/27/22 18:58	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			12/27/22 18:58	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			12/27/22 18:58	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			12/27/22 18:58	1
2-Butanone (MEK)	ND		10	1.3	ug/L			12/27/22 18:58	1
2-Hexanone	ND	*+	5.0	1.2	ug/L			12/27/22 18:58	1
4-Methyl-2-pentanone (MIBK)	ND	*+	5.0	2.1	ug/L			12/27/22 18:58	1
Acetone	ND		10	3.0	ug/L			12/27/22 18:58	1
Benzene	ND		1.0	0.41	ug/L			12/27/22 18:58	1
Bromodichloromethane	ND		1.0	0.39	ug/L			12/27/22 18:58	1
Bromoform	ND		1.0	0.26	ug/L			12/27/22 18:58	1
Bromomethane	ND		1.0	0.69	ug/L			12/27/22 18:58	1
Carbon disulfide	ND		1.0	0.19	ug/L			12/27/22 18:58	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			12/27/22 18:58	1
Chlorobenzene	ND		1.0	0.75	ug/L			12/27/22 18:58	1
Dibromochloromethane	ND		1.0	0.32	ug/L			12/27/22 18:58	1
Chloroethane	ND		1.0	0.32	ug/L			12/27/22 18:58	1
Chloroform	ND		1.0	0.34	ug/L			12/27/22 18:58	1
Chloromethane	ND		1.0	0.35	ug/L			12/27/22 18:58	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			12/27/22 18:58	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			12/27/22 18:58	1
Cyclohexane	ND		1.0	0.18	ug/L			12/27/22 18:58	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			12/27/22 18:58	1
Ethylbenzene	ND		1.0	0.74	ug/L			12/27/22 18:58	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			12/27/22 18:58	1
Isopropylbenzene	ND		1.0	0.79	ug/L			12/27/22 18:58	1
Methyl acetate	ND		2.5	1.3	ug/L			12/27/22 18:58	1
Methyl tert-butyl ether	**0.49**	**J**	1.0	0.16	ug/L			12/27/22 18:58	1
Methylcyclohexane	ND		1.0	0.16	ug/L			12/27/22 18:58	1
Methylene Chloride	ND		1.0	0.44	ug/L			12/27/22 18:58	1
Styrene	ND		1.0	0.73	ug/L			12/27/22 18:58	1
Tetrachloroethene	ND		1.0	0.36	ug/L			12/27/22 18:58	1
Toluene	ND		1.0	0.51	ug/L			12/27/22 18:58	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			12/27/22 18:58	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			12/27/22 18:58	1
Trichloroethene	ND		1.0	0.46	ug/L			12/27/22 18:58	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			12/27/22 18:58	1
Vinyl chloride	ND		1.0	0.90	ug/L			12/27/22 18:58	1
Xylenes, Total	ND		2.0	0.66	ug/L			12/27/22 18:58	1

Client: O'Brien & Gere Inc of North America
Project/Site: Forest Glen Monitoring

Job ID: 480-205019-1

Client Sample ID: MW1D122122
Date Collected: 12/21/22 12:35
Date Received: 12/22/22 13:05

Lab Sample ID: 480-205019-6
Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	89		80 - 120		12/27/22 18:58	1
1,2-Dichloroethane-d4 (Surr)	112		77 - 120		12/27/22 18:58	1
4-Bromofluorobenzene (Surr)	91		73 - 120		12/27/22 18:58	1
Dibromofluoromethane (Surr)	100		75 - 123		12/27/22 18:58	1

Client: O'Brien & Gere Inc of North America
Project/Site: Forest Glen Monitoring

Job ID: 480-205019-1

Client Sample ID: MW5S122122
Date Collected: 12/21/22 13:00
Date Received: 12/22/22 13:05

Lab Sample ID: 480-205019-7
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	**2.6**		1.0	0.82	ug/L			12/27/22 19:20	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			12/27/22 19:20	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			12/27/22 19:20	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			12/27/22 19:20	1
1,1-Dichloroethane	**15**		1.0	0.38	ug/L			12/27/22 19:20	1
1,1-Dichloroethene	**1.3**		1.0	0.29	ug/L			12/27/22 19:20	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			12/27/22 19:20	1
1,2-Dibromo-3-Chloropropane	ND	F1	1.0	0.39	ug/L			12/27/22 19:20	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			12/27/22 19:20	1
1,2-Dichloroethane	ND	F1	1.0	0.21	ug/L			12/27/22 19:20	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			12/27/22 19:20	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			12/27/22 19:20	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			12/27/22 19:20	1
2-Butanone (MEK)	ND	F1	10	1.3	ug/L			12/27/22 19:20	1
2-Hexanone	ND	*+ F1	5.0	1.2	ug/L			12/27/22 19:20	1
4-Methyl-2-pentanone (MIBK)	ND	*+ F1	5.0	2.1	ug/L			12/27/22 19:20	1
Acetone	ND	F2	10	3.0	ug/L			12/27/22 19:20	1
Benzene	ND		1.0	0.41	ug/L			12/27/22 19:20	1
Bromodichloromethane	ND	F1	1.0	0.39	ug/L			12/27/22 19:20	1
Bromoform	ND	F1	1.0	0.26	ug/L			12/27/22 19:20	1
Bromomethane	ND		1.0	0.69	ug/L			12/27/22 19:20	1
Carbon disulfide	ND		1.0	0.19	ug/L			12/27/22 19:20	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			12/27/22 19:20	1
Chlorobenzene	ND		1.0	0.75	ug/L			12/27/22 19:20	1
Dibromochloromethane	ND		1.0	0.32	ug/L			12/27/22 19:20	1
Chloroethane	ND		1.0	0.32	ug/L			12/27/22 19:20	1
Chloroform	ND		1.0	0.34	ug/L			12/27/22 19:20	1
Chloromethane	ND	F1	1.0	0.35	ug/L			12/27/22 19:20	1
cis-1,2-Dichloroethene	**16**		1.0	0.81	ug/L			12/27/22 19:20	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			12/27/22 19:20	1
Cyclohexane	ND		1.0	0.18	ug/L			12/27/22 19:20	1
Dichlorodifluoromethane	ND	F1	1.0	0.68	ug/L			12/27/22 19:20	1
Ethylbenzene	ND		1.0	0.74	ug/L			12/27/22 19:20	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			12/27/22 19:20	1
Isopropylbenzene	ND		1.0	0.79	ug/L			12/27/22 19:20	1
Methyl acetate	ND	F1 F2	2.5	1.3	ug/L			12/27/22 19:20	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			12/27/22 19:20	1
Methylcyclohexane	ND		1.0	0.16	ug/L			12/27/22 19:20	1
Methylene Chloride	ND		1.0	0.44	ug/L			12/27/22 19:20	1
Styrene	ND		1.0	0.73	ug/L			12/27/22 19:20	1
Tetrachloroethene	ND		1.0	0.36	ug/L			12/27/22 19:20	1
Toluene	ND		1.0	0.51	ug/L			12/27/22 19:20	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			12/27/22 19:20	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			12/27/22 19:20	1
Trichloroethene	**8.2**		1.0	0.46	ug/L			12/27/22 19:20	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			12/27/22 19:20	1
Vinyl chloride	ND		1.0	0.90	ug/L			12/27/22 19:20	1
Xylenes, Total	ND		2.0	0.66	ug/L			12/27/22 19:20	1

Client: O'Brien & Gere Inc of North America
Project/Site: Forest Glen Monitoring

Job ID: 480-205019-1

Client Sample ID: MW5S122122
Date Collected: 12/21/22 13:00
Date Received: 12/22/22 13:05

Lab Sample ID: 480-205019-7
Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	87		80 - 120		12/27/22 19:20	1
1,2-Dichloroethane-d4 (Surr)	108		77 - 120		12/27/22 19:20	1
4-Bromofluorobenzene (Surr)	89		73 - 120		12/27/22 19:20	1
Dibromofluoromethane (Surr)	99		75 - 123		12/27/22 19:20	1

Client: O'Brien & Gere Inc of North America
Project/Site: Forest Glen Monitoring

Job ID: 480-205019-1

Client Sample ID: MW4D122122
Date Collected: 12/21/22 14:25
Date Received: 12/22/22 13:05

Lab Sample ID: 480-205019-8
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			12/27/22 19:42	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			12/27/22 19:42	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			12/27/22 19:42	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			12/27/22 19:42	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			12/27/22 19:42	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			12/27/22 19:42	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			12/27/22 19:42	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			12/27/22 19:42	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			12/27/22 19:42	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			12/27/22 19:42	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			12/27/22 19:42	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			12/27/22 19:42	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			12/27/22 19:42	1
2-Butanone (MEK)	ND		10	1.3	ug/L			12/27/22 19:42	1
2-Hexanone	ND	*+	5.0	1.2	ug/L			12/27/22 19:42	1
4-Methyl-2-pentanone (MIBK)	ND	*+	5.0	2.1	ug/L			12/27/22 19:42	1
Acetone	ND		10	3.0	ug/L			12/27/22 19:42	1
Benzene	ND		1.0	0.41	ug/L			12/27/22 19:42	1
Bromodichloromethane	ND		1.0	0.39	ug/L			12/27/22 19:42	1
Bromoform	ND		1.0	0.26	ug/L			12/27/22 19:42	1
Bromomethane	ND		1.0	0.69	ug/L			12/27/22 19:42	1
Carbon disulfide	ND		1.0	0.19	ug/L			12/27/22 19:42	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			12/27/22 19:42	1
Chlorobenzene	ND		1.0	0.75	ug/L			12/27/22 19:42	1
Dibromochloromethane	ND		1.0	0.32	ug/L			12/27/22 19:42	1
Chloroethane	ND		1.0	0.32	ug/L			12/27/22 19:42	1
Chloroform	ND		1.0	0.34	ug/L			12/27/22 19:42	1
Chloromethane	ND		1.0	0.35	ug/L			12/27/22 19:42	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			12/27/22 19:42	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			12/27/22 19:42	1
Cyclohexane	ND		1.0	0.18	ug/L			12/27/22 19:42	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			12/27/22 19:42	1
Ethylbenzene	ND		1.0	0.74	ug/L			12/27/22 19:42	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			12/27/22 19:42	1
Isopropylbenzene	ND		1.0	0.79	ug/L			12/27/22 19:42	1
Methyl acetate	ND		2.5	1.3	ug/L			12/27/22 19:42	1
Methyl tert-butyl ether	**0.34**	**J**	1.0	0.16	ug/L			12/27/22 19:42	1
Methylcyclohexane	ND		1.0	0.16	ug/L			12/27/22 19:42	1
Methylene Chloride	ND		1.0	0.44	ug/L			12/27/22 19:42	1
Styrene	ND		1.0	0.73	ug/L			12/27/22 19:42	1
Tetrachloroethene	ND		1.0	0.36	ug/L			12/27/22 19:42	1
Toluene	ND		1.0	0.51	ug/L			12/27/22 19:42	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			12/27/22 19:42	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			12/27/22 19:42	1
Trichloroethene	ND		1.0	0.46	ug/L			12/27/22 19:42	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			12/27/22 19:42	1
Vinyl chloride	ND		1.0	0.90	ug/L			12/27/22 19:42	1
Xylenes, Total	ND		2.0	0.66	ug/L			12/27/22 19:42	1

Client: O'Brien & Gere Inc of North America
Project/Site: Forest Glen Monitoring

Job ID: 480-205019-1

Client Sample ID: MW4D122122
Date Collected: 12/21/22 14:25
Date Received: 12/22/22 13:05

Lab Sample ID: 480-205019-8
Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	90		80 - 120		12/27/22 19:42	1
1,2-Dichloroethane-d4 (Surr)	109		77 - 120		12/27/22 19:42	1
4-Bromofluorobenzene (Surr)	92		73 - 120		12/27/22 19:42	1
Dibromofluoromethane (Surr)	99		75 - 123		12/27/22 19:42	1

Client: O'Brien & Gere Inc of North America
Project/Site: Forest Glen Monitoring

Job ID: 480-205019-1

Client Sample ID: MW10S122122
Date Collected: 12/21/22 14:35
Date Received: 12/22/22 13:05

Lab Sample ID: 480-205019-9
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			12/27/22 20:04	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			12/27/22 20:04	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			12/27/22 20:04	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			12/27/22 20:04	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			12/27/22 20:04	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			12/27/22 20:04	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			12/27/22 20:04	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			12/27/22 20:04	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			12/27/22 20:04	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			12/27/22 20:04	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			12/27/22 20:04	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			12/27/22 20:04	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			12/27/22 20:04	1
2-Butanone (MEK)	ND		10	1.3	ug/L			12/27/22 20:04	1
2-Hexanone	ND	*+	5.0	1.2	ug/L			12/27/22 20:04	1
4-Methyl-2-pentanone (MIBK)	ND	*+	5.0	2.1	ug/L			12/27/22 20:04	1
Acetone	ND		10	3.0	ug/L			12/27/22 20:04	1
Benzene	ND		1.0	0.41	ug/L			12/27/22 20:04	1
Bromodichloromethane	ND		1.0	0.39	ug/L			12/27/22 20:04	1
Bromoform	ND		1.0	0.26	ug/L			12/27/22 20:04	1
Bromomethane	ND		1.0	0.69	ug/L			12/27/22 20:04	1
Carbon disulfide	ND		1.0	0.19	ug/L			12/27/22 20:04	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			12/27/22 20:04	1
Chlorobenzene	ND		1.0	0.75	ug/L			12/27/22 20:04	1
Dibromochloromethane	ND		1.0	0.32	ug/L			12/27/22 20:04	1
Chloroethane	ND		1.0	0.32	ug/L			12/27/22 20:04	1
Chloroform	ND		1.0	0.34	ug/L			12/27/22 20:04	1
Chloromethane	ND		1.0	0.35	ug/L			12/27/22 20:04	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			12/27/22 20:04	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			12/27/22 20:04	1
Cyclohexane	ND		1.0	0.18	ug/L			12/27/22 20:04	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			12/27/22 20:04	1
Ethylbenzene	ND		1.0	0.74	ug/L			12/27/22 20:04	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			12/27/22 20:04	1
Isopropylbenzene	ND		1.0	0.79	ug/L			12/27/22 20:04	1
Methyl acetate	ND		2.5	1.3	ug/L			12/27/22 20:04	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			12/27/22 20:04	1
Methylcyclohexane	ND		1.0	0.16	ug/L			12/27/22 20:04	1
Methylene Chloride	ND		1.0	0.44	ug/L			12/27/22 20:04	1
Styrene	ND		1.0	0.73	ug/L			12/27/22 20:04	1
Tetrachloroethene	ND		1.0	0.36	ug/L			12/27/22 20:04	1
Toluene	ND		1.0	0.51	ug/L			12/27/22 20:04	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			12/27/22 20:04	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			12/27/22 20:04	1
Trichloroethene	ND		1.0	0.46	ug/L			12/27/22 20:04	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			12/27/22 20:04	1
Vinyl chloride	ND		1.0	0.90	ug/L			12/27/22 20:04	1
Xylenes, Total	ND		2.0	0.66	ug/L			12/27/22 20:04	1

Client: O'Brien & Gere Inc of North America
Project/Site: Forest Glen Monitoring

Job ID: 480-205019-1

Client Sample ID: MW10S122122
Date Collected: 12/21/22 14:35
Date Received: 12/22/22 13:05

Lab Sample ID: 480-205019-9
Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	88		80 - 120		12/27/22 20:04	1
1,2-Dichloroethane-d4 (Surr)	113		77 - 120		12/27/22 20:04	1
4-Bromofluorobenzene (Surr)	92		73 - 120		12/27/22 20:04	1
Dibromofluoromethane (Surr)	100		75 - 123		12/27/22 20:04	1

Client: O'Brien & Gere Inc of North America
Project/Site: Forest Glen Monitoring

Job ID: 480-205019-1

Client Sample ID: MW4S122122
Date Collected: 12/21/22 15:30
Date Received: 12/22/22 13:05

Lab Sample ID: 480-205019-10
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			12/27/22 20:26	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			12/27/22 20:26	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			12/27/22 20:26	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			12/27/22 20:26	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			12/27/22 20:26	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			12/27/22 20:26	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			12/27/22 20:26	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			12/27/22 20:26	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			12/27/22 20:26	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			12/27/22 20:26	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			12/27/22 20:26	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			12/27/22 20:26	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			12/27/22 20:26	1
2-Butanone (MEK)	ND		10	1.3	ug/L			12/27/22 20:26	1
2-Hexanone	ND	*+	5.0	1.2	ug/L			12/27/22 20:26	1
4-Methyl-2-pentanone (MIBK)	ND	*+	5.0	2.1	ug/L			12/27/22 20:26	1
Acetone	ND		10	3.0	ug/L			12/27/22 20:26	1
Benzene	ND		1.0	0.41	ug/L			12/27/22 20:26	1
Bromodichloromethane	ND		1.0	0.39	ug/L			12/27/22 20:26	1
Bromoform	ND		1.0	0.26	ug/L			12/27/22 20:26	1
Bromomethane	ND		1.0	0.69	ug/L			12/27/22 20:26	1
Carbon disulfide	ND		1.0	0.19	ug/L			12/27/22 20:26	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			12/27/22 20:26	1
Chlorobenzene	ND		1.0	0.75	ug/L			12/27/22 20:26	1
Dibromochloromethane	ND		1.0	0.32	ug/L			12/27/22 20:26	1
Chloroethane	ND		1.0	0.32	ug/L			12/27/22 20:26	1
Chloroform	ND		1.0	0.34	ug/L			12/27/22 20:26	1
Chloromethane	ND		1.0	0.35	ug/L			12/27/22 20:26	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			12/27/22 20:26	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			12/27/22 20:26	1
Cyclohexane	ND		1.0	0.18	ug/L			12/27/22 20:26	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			12/27/22 20:26	1
Ethylbenzene	ND		1.0	0.74	ug/L			12/27/22 20:26	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			12/27/22 20:26	1
Isopropylbenzene	ND		1.0	0.79	ug/L			12/27/22 20:26	1
Methyl acetate	ND		2.5	1.3	ug/L			12/27/22 20:26	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			12/27/22 20:26	1
Methylcyclohexane	ND		1.0	0.16	ug/L			12/27/22 20:26	1
Methylene Chloride	ND		1.0	0.44	ug/L			12/27/22 20:26	1
Styrene	ND		1.0	0.73	ug/L			12/27/22 20:26	1
Tetrachloroethene	ND		1.0	0.36	ug/L			12/27/22 20:26	1
Toluene	ND		1.0	0.51	ug/L			12/27/22 20:26	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			12/27/22 20:26	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			12/27/22 20:26	1
Trichloroethene	ND		1.0	0.46	ug/L			12/27/22 20:26	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			12/27/22 20:26	1
Vinyl chloride	ND		1.0	0.90	ug/L			12/27/22 20:26	1
Xylenes, Total	ND		2.0	0.66	ug/L			12/27/22 20:26	1

Client: O'Brien & Gere Inc of North America
Project/Site: Forest Glen Monitoring

Job ID: 480-205019-1

Client Sample ID: MW4S122122
Date Collected: 12/21/22 15:30
Date Received: 12/22/22 13:05

Lab Sample ID: 480-205019-10
Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	88		80 - 120		12/27/22 20:26	1
1,2-Dichloroethane-d4 (Surr)	111		77 - 120		12/27/22 20:26	1
4-Bromofluorobenzene (Surr)	91		73 - 120		12/27/22 20:26	1
Dibromofluoromethane (Surr)	99		75 - 123		12/27/22 20:26	1

Client: O'Brien & Gere Inc of North America
Project/Site: Forest Glen Monitoring

Job ID: 480-205019-1

Client Sample ID: MW10D122122
Date Collected: 12/21/22 15:45
Date Received: 12/22/22 13:05

Lab Sample ID: 480-205019-11
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			12/27/22 20:47	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			12/27/22 20:47	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			12/27/22 20:47	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			12/27/22 20:47	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			12/27/22 20:47	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			12/27/22 20:47	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			12/27/22 20:47	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			12/27/22 20:47	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			12/27/22 20:47	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			12/27/22 20:47	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			12/27/22 20:47	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			12/27/22 20:47	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			12/27/22 20:47	1
2-Butanone (MEK)	ND		10	1.3	ug/L			12/27/22 20:47	1
2-Hexanone	ND	*+	5.0	1.2	ug/L			12/27/22 20:47	1
4-Methyl-2-pentanone (MIBK)	ND	*+	5.0	2.1	ug/L			12/27/22 20:47	1
Acetone	ND		10	3.0	ug/L			12/27/22 20:47	1
Benzene	ND		1.0	0.41	ug/L			12/27/22 20:47	1
Bromodichloromethane	ND		1.0	0.39	ug/L			12/27/22 20:47	1
Bromoform	ND		1.0	0.26	ug/L			12/27/22 20:47	1
Bromomethane	ND		1.0	0.69	ug/L			12/27/22 20:47	1
Carbon disulfide	ND		1.0	0.19	ug/L			12/27/22 20:47	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			12/27/22 20:47	1
Chlorobenzene	ND		1.0	0.75	ug/L			12/27/22 20:47	1
Dibromochloromethane	ND		1.0	0.32	ug/L			12/27/22 20:47	1
Chloroethane	ND		1.0	0.32	ug/L			12/27/22 20:47	1
Chloroform	ND		1.0	0.34	ug/L			12/27/22 20:47	1
Chloromethane	ND		1.0	0.35	ug/L			12/27/22 20:47	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			12/27/22 20:47	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			12/27/22 20:47	1
Cyclohexane	ND		1.0	0.18	ug/L			12/27/22 20:47	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			12/27/22 20:47	1
Ethylbenzene	ND		1.0	0.74	ug/L			12/27/22 20:47	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			12/27/22 20:47	1
Isopropylbenzene	ND		1.0	0.79	ug/L			12/27/22 20:47	1
Methyl acetate	ND		2.5	1.3	ug/L			12/27/22 20:47	1
Methyl tert-butyl ether	**0.19**	**J**	1.0	0.16	ug/L			12/27/22 20:47	1
Methylcyclohexane	ND		1.0	0.16	ug/L			12/27/22 20:47	1
Methylene Chloride	ND		1.0	0.44	ug/L			12/27/22 20:47	1
Styrene	ND		1.0	0.73	ug/L			12/27/22 20:47	1
Tetrachloroethene	ND		1.0	0.36	ug/L			12/27/22 20:47	1
Toluene	ND		1.0	0.51	ug/L			12/27/22 20:47	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			12/27/22 20:47	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			12/27/22 20:47	1
Trichloroethene	ND		1.0	0.46	ug/L			12/27/22 20:47	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			12/27/22 20:47	1
Vinyl chloride	ND		1.0	0.90	ug/L			12/27/22 20:47	1
Xylenes, Total	ND		2.0	0.66	ug/L			12/27/22 20:47	1

Client: O'Brien & Gere Inc of North America
Project/Site: Forest Glen Monitoring

Job ID: 480-205019-1

Client Sample ID: MW10D122122
Date Collected: 12/21/22 15:45
Date Received: 12/22/22 13:05

Lab Sample ID: 480-205019-11
Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	89		80 - 120		12/27/22 20:47	1
1,2-Dichloroethane-d4 (Surr)	111		77 - 120		12/27/22 20:47	1
4-Bromofluorobenzene (Surr)	91		73 - 120		12/27/22 20:47	1
Dibromofluoromethane (Surr)	100		75 - 123		12/27/22 20:47	1

Client: O'Brien & Gere Inc of North America
Project/Site: Forest Glen Monitoring

Job ID: 480-205019-1

Client Sample ID: MW8DD122222
Date Collected: 12/22/22 09:13
Date Received: 12/22/22 13:05

Lab Sample ID: 480-205019-12
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			12/27/22 21:09	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			12/27/22 21:09	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			12/27/22 21:09	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			12/27/22 21:09	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			12/27/22 21:09	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			12/27/22 21:09	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			12/27/22 21:09	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			12/27/22 21:09	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			12/27/22 21:09	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			12/27/22 21:09	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			12/27/22 21:09	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			12/27/22 21:09	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			12/27/22 21:09	1
2-Butanone (MEK)	ND		10	1.3	ug/L			12/27/22 21:09	1
2-Hexanone	ND	*+	5.0	1.2	ug/L			12/27/22 21:09	1
4-Methyl-2-pentanone (MIBK)	ND	*+	5.0	2.1	ug/L			12/27/22 21:09	1
Acetone	ND		10	3.0	ug/L			12/27/22 21:09	1
Benzene	ND		1.0	0.41	ug/L			12/27/22 21:09	1
Bromodichloromethane	ND		1.0	0.39	ug/L			12/27/22 21:09	1
Bromoform	ND		1.0	0.26	ug/L			12/27/22 21:09	1
Bromomethane	ND		1.0	0.69	ug/L			12/27/22 21:09	1
Carbon disulfide	ND		1.0	0.19	ug/L			12/27/22 21:09	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			12/27/22 21:09	1
Chlorobenzene	ND		1.0	0.75	ug/L			12/27/22 21:09	1
Dibromochloromethane	ND		1.0	0.32	ug/L			12/27/22 21:09	1
Chloroethane	ND		1.0	0.32	ug/L			12/27/22 21:09	1
Chloroform	ND		1.0	0.34	ug/L			12/27/22 21:09	1
Chloromethane	ND		1.0	0.35	ug/L			12/27/22 21:09	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			12/27/22 21:09	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			12/27/22 21:09	1
Cyclohexane	ND		1.0	0.18	ug/L			12/27/22 21:09	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			12/27/22 21:09	1
Ethylbenzene	ND		1.0	0.74	ug/L			12/27/22 21:09	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			12/27/22 21:09	1
Isopropylbenzene	ND		1.0	0.79	ug/L			12/27/22 21:09	1
Methyl acetate	ND		2.5	1.3	ug/L			12/27/22 21:09	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			12/27/22 21:09	1
Methylcyclohexane	ND		1.0	0.16	ug/L			12/27/22 21:09	1
Methylene Chloride	ND		1.0	0.44	ug/L			12/27/22 21:09	1
Styrene	ND		1.0	0.73	ug/L			12/27/22 21:09	1
Tetrachloroethene	ND		1.0	0.36	ug/L			12/27/22 21:09	1
Toluene	ND		1.0	0.51	ug/L			12/27/22 21:09	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			12/27/22 21:09	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			12/27/22 21:09	1
Trichloroethene	ND		1.0	0.46	ug/L			12/27/22 21:09	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			12/27/22 21:09	1
Vinyl chloride	ND		1.0	0.90	ug/L			12/27/22 21:09	1
Xylenes, Total	ND		2.0	0.66	ug/L			12/27/22 21:09	1

Client: O'Brien & Gere Inc of North America
Project/Site: Forest Glen Monitoring

Job ID: 480-205019-1

Client Sample ID: MW8DD122222
Date Collected: 12/22/22 09:13
Date Received: 12/22/22 13:05

Lab Sample ID: 480-205019-12
Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	89		80 - 120		12/27/22 21:09	1
1,2-Dichloroethane-d4 (Surr)	110		77 - 120		12/27/22 21:09	1
4-Bromofluorobenzene (Surr)	91		73 - 120		12/27/22 21:09	1
Dibromofluoromethane (Surr)	100		75 - 123		12/27/22 21:09	1

Client: O'Brien & Gere Inc of North America
Project/Site: Forest Glen Monitoring

Job ID: 480-205019-1

Client Sample ID: MW7D122222
Date Collected: 12/22/22 09:20
Date Received: 12/22/22 13:05

Lab Sample ID: 480-205019-13
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			12/27/22 21:31	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			12/27/22 21:31	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			12/27/22 21:31	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			12/27/22 21:31	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			12/27/22 21:31	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			12/27/22 21:31	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			12/27/22 21:31	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			12/27/22 21:31	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			12/27/22 21:31	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			12/27/22 21:31	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			12/27/22 21:31	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			12/27/22 21:31	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			12/27/22 21:31	1
2-Butanone (MEK)	ND		10	1.3	ug/L			12/27/22 21:31	1
2-Hexanone	ND	*+	5.0	1.2	ug/L			12/27/22 21:31	1
4-Methyl-2-pentanone (MIBK)	ND	*+	5.0	2.1	ug/L			12/27/22 21:31	1
Acetone	ND		10	3.0	ug/L			12/27/22 21:31	1
Benzene	ND		1.0	0.41	ug/L			12/27/22 21:31	1
Bromodichloromethane	ND		1.0	0.39	ug/L			12/27/22 21:31	1
Bromoform	ND		1.0	0.26	ug/L			12/27/22 21:31	1
Bromomethane	ND		1.0	0.69	ug/L			12/27/22 21:31	1
Carbon disulfide	ND		1.0	0.19	ug/L			12/27/22 21:31	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			12/27/22 21:31	1
Chlorobenzene	ND		1.0	0.75	ug/L			12/27/22 21:31	1
Dibromochloromethane	ND		1.0	0.32	ug/L			12/27/22 21:31	1
Chloroethane	ND		1.0	0.32	ug/L			12/27/22 21:31	1
Chloroform	ND		1.0	0.34	ug/L			12/27/22 21:31	1
Chloromethane	ND		1.0	0.35	ug/L			12/27/22 21:31	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			12/27/22 21:31	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			12/27/22 21:31	1
Cyclohexane	ND		1.0	0.18	ug/L			12/27/22 21:31	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			12/27/22 21:31	1
Ethylbenzene	ND		1.0	0.74	ug/L			12/27/22 21:31	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			12/27/22 21:31	1
Isopropylbenzene	ND		1.0	0.79	ug/L			12/27/22 21:31	1
Methyl acetate	ND		2.5	1.3	ug/L			12/27/22 21:31	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			12/27/22 21:31	1
Methylcyclohexane	ND		1.0	0.16	ug/L			12/27/22 21:31	1
Methylene Chloride	ND		1.0	0.44	ug/L			12/27/22 21:31	1
Styrene	ND		1.0	0.73	ug/L			12/27/22 21:31	1
Tetrachloroethene	ND		1.0	0.36	ug/L			12/27/22 21:31	1
Toluene	ND		1.0	0.51	ug/L			12/27/22 21:31	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			12/27/22 21:31	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			12/27/22 21:31	1
Trichloroethene	**0.87**	**J**	1.0	0.46	ug/L			12/27/22 21:31	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			12/27/22 21:31	1
Vinyl chloride	ND		1.0	0.90	ug/L			12/27/22 21:31	1
Xylenes, Total	ND		2.0	0.66	ug/L			12/27/22 21:31	1

Client: O'Brien & Gere Inc of North America
Project/Site: Forest Glen Monitoring

Job ID: 480-205019-1

Client Sample ID: MW7D122222
Date Collected: 12/22/22 09:20
Date Received: 12/22/22 13:05

Lab Sample ID: 480-205019-13
Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	89		80 - 120		12/27/22 21:31	1
1,2-Dichloroethane-d4 (Surr)	111		77 - 120		12/27/22 21:31	1
4-Bromofluorobenzene (Surr)	90		73 - 120		12/27/22 21:31	1
Dibromofluoromethane (Surr)	100		75 - 123		12/27/22 21:31	1

Client: O'Brien & Gere Inc of North America
Project/Site: Forest Glen Monitoring

Job ID: 480-205019-1

Client Sample ID: MW8S122222
Date Collected: 12/22/22 09:53
Date Received: 12/22/22 13:05

Lab Sample ID: 480-205019-14
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			12/27/22 21:53	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			12/27/22 21:53	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			12/27/22 21:53	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			12/27/22 21:53	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			12/27/22 21:53	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			12/27/22 21:53	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			12/27/22 21:53	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			12/27/22 21:53	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			12/27/22 21:53	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			12/27/22 21:53	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			12/27/22 21:53	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			12/27/22 21:53	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			12/27/22 21:53	1
2-Butanone (MEK)	ND		10	1.3	ug/L			12/27/22 21:53	1
2-Hexanone	ND	*+	5.0	1.2	ug/L			12/27/22 21:53	1
4-Methyl-2-pentanone (MIBK)	ND	*+	5.0	2.1	ug/L			12/27/22 21:53	1
Acetone	ND		10	3.0	ug/L			12/27/22 21:53	1
Benzene	ND		1.0	0.41	ug/L			12/27/22 21:53	1
Bromodichloromethane	ND		1.0	0.39	ug/L			12/27/22 21:53	1
Bromoform	ND		1.0	0.26	ug/L			12/27/22 21:53	1
Bromomethane	ND		1.0	0.69	ug/L			12/27/22 21:53	1
Carbon disulfide	ND		1.0	0.19	ug/L			12/27/22 21:53	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			12/27/22 21:53	1
Chlorobenzene	ND		1.0	0.75	ug/L			12/27/22 21:53	1
Dibromochloromethane	ND		1.0	0.32	ug/L			12/27/22 21:53	1
Chloroethane	ND		1.0	0.32	ug/L			12/27/22 21:53	1
Chloroform	ND		1.0	0.34	ug/L			12/27/22 21:53	1
Chloromethane	ND		1.0	0.35	ug/L			12/27/22 21:53	1
cis-1,2-Dichloroethene	**1.8**		1.0	0.81	ug/L			12/27/22 21:53	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			12/27/22 21:53	1
Cyclohexane	ND		1.0	0.18	ug/L			12/27/22 21:53	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			12/27/22 21:53	1
Ethylbenzene	ND		1.0	0.74	ug/L			12/27/22 21:53	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			12/27/22 21:53	1
Isopropylbenzene	ND		1.0	0.79	ug/L			12/27/22 21:53	1
Methyl acetate	ND		2.5	1.3	ug/L			12/27/22 21:53	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			12/27/22 21:53	1
Methylcyclohexane	ND		1.0	0.16	ug/L			12/27/22 21:53	1
Methylene Chloride	ND		1.0	0.44	ug/L			12/27/22 21:53	1
Styrene	ND		1.0	0.73	ug/L			12/27/22 21:53	1
Tetrachloroethene	**0.41**	**J**	1.0	0.36	ug/L			12/27/22 21:53	1
Toluene	ND		1.0	0.51	ug/L			12/27/22 21:53	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			12/27/22 21:53	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			12/27/22 21:53	1
Trichloroethene	**2.1**		1.0	0.46	ug/L			12/27/22 21:53	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			12/27/22 21:53	1
Vinyl chloride	ND		1.0	0.90	ug/L			12/27/22 21:53	1
Xylenes, Total	ND		2.0	0.66	ug/L			12/27/22 21:53	1

Client: O'Brien & Gere Inc of North America
Project/Site: Forest Glen Monitoring

Job ID: 480-205019-1

Client Sample ID: MW8S122222
Date Collected: 12/22/22 09:53
Date Received: 12/22/22 13:05

Lab Sample ID: 480-205019-14
Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	88		80 - 120		12/27/22 21:53	1
1,2-Dichloroethane-d4 (Surr)	109		77 - 120		12/27/22 21:53	1
4-Bromofluorobenzene (Surr)	89		73 - 120		12/27/22 21:53	1
Dibromofluoromethane (Surr)	99		75 - 123		12/27/22 21:53	1

Client: O'Brien & Gere Inc of North America
Project/Site: Forest Glen Monitoring

Job ID: 480-205019-1

Client Sample ID: MW7S122222
Date Collected: 12/22/22 10:25
Date Received: 12/22/22 13:05

Lab Sample ID: 480-205019-15
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			12/27/22 22:15	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			12/27/22 22:15	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			12/27/22 22:15	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			12/27/22 22:15	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			12/27/22 22:15	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			12/27/22 22:15	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			12/27/22 22:15	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			12/27/22 22:15	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			12/27/22 22:15	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			12/27/22 22:15	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			12/27/22 22:15	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			12/27/22 22:15	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			12/27/22 22:15	1
2-Butanone (MEK)	ND		10	1.3	ug/L			12/27/22 22:15	1
2-Hexanone	ND	*+	5.0	1.2	ug/L			12/27/22 22:15	1
4-Methyl-2-pentanone (MIBK)	ND	*+	5.0	2.1	ug/L			12/27/22 22:15	1
Acetone	ND		10	3.0	ug/L			12/27/22 22:15	1
Benzene	ND		1.0	0.41	ug/L			12/27/22 22:15	1
Bromodichloromethane	ND		1.0	0.39	ug/L			12/27/22 22:15	1
Bromoform	ND		1.0	0.26	ug/L			12/27/22 22:15	1
Bromomethane	ND		1.0	0.69	ug/L			12/27/22 22:15	1
Carbon disulfide	ND		1.0	0.19	ug/L			12/27/22 22:15	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			12/27/22 22:15	1
Chlorobenzene	ND		1.0	0.75	ug/L			12/27/22 22:15	1
Dibromochloromethane	ND		1.0	0.32	ug/L			12/27/22 22:15	1
Chloroethane	ND		1.0	0.32	ug/L			12/27/22 22:15	1
Chloroform	ND		1.0	0.34	ug/L			12/27/22 22:15	1
Chloromethane	ND		1.0	0.35	ug/L			12/27/22 22:15	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			12/27/22 22:15	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			12/27/22 22:15	1
Cyclohexane	ND		1.0	0.18	ug/L			12/27/22 22:15	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			12/27/22 22:15	1
Ethylbenzene	ND		1.0	0.74	ug/L			12/27/22 22:15	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			12/27/22 22:15	1
Isopropylbenzene	ND		1.0	0.79	ug/L			12/27/22 22:15	1
Methyl acetate	ND		2.5	1.3	ug/L			12/27/22 22:15	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			12/27/22 22:15	1
Methylcyclohexane	ND		1.0	0.16	ug/L			12/27/22 22:15	1
Methylene Chloride	ND		1.0	0.44	ug/L			12/27/22 22:15	1
Styrene	ND		1.0	0.73	ug/L			12/27/22 22:15	1
Tetrachloroethene	ND		1.0	0.36	ug/L			12/27/22 22:15	1
Toluene	ND		1.0	0.51	ug/L			12/27/22 22:15	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			12/27/22 22:15	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			12/27/22 22:15	1
Trichloroethene	**1.0**		1.0	0.46	ug/L			12/27/22 22:15	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			12/27/22 22:15	1
Vinyl chloride	ND		1.0	0.90	ug/L			12/27/22 22:15	1
Xylenes, Total	ND		2.0	0.66	ug/L			12/27/22 22:15	1

Client: O'Brien & Gere Inc of North America
Project/Site: Forest Glen Monitoring

Job ID: 480-205019-1

Client Sample ID: MW7S122222
Date Collected: 12/22/22 10:25
Date Received: 12/22/22 13:05

Lab Sample ID: 480-205019-15
Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	88		80 - 120		12/27/22 22:15	1
1,2-Dichloroethane-d4 (Surr)	111		77 - 120		12/27/22 22:15	1
4-Bromofluorobenzene (Surr)	91		73 - 120		12/27/22 22:15	1
Dibromofluoromethane (Surr)	100		75 - 123		12/27/22 22:15	1

Client: O'Brien & Gere Inc of North America
Project/Site: Forest Glen Monitoring

Job ID: 480-205019-1

Client Sample ID: MW8D122222
Date Collected: 12/22/22 10:37
Date Received: 12/22/22 13:05

Lab Sample ID: 480-205019-16
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			12/27/22 22:37	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			12/27/22 22:37	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			12/27/22 22:37	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			12/27/22 22:37	1
1,1-Dichloroethane	**0.43**	**J**	1.0	0.38	ug/L			12/27/22 22:37	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			12/27/22 22:37	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			12/27/22 22:37	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			12/27/22 22:37	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			12/27/22 22:37	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			12/27/22 22:37	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			12/27/22 22:37	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			12/27/22 22:37	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			12/27/22 22:37	1
2-Butanone (MEK)	ND		10	1.3	ug/L			12/27/22 22:37	1
2-Hexanone	ND	*+	5.0	1.2	ug/L			12/27/22 22:37	1
4-Methyl-2-pentanone (MIBK)	ND	*+	5.0	2.1	ug/L			12/27/22 22:37	1
Acetone	ND		10	3.0	ug/L			12/27/22 22:37	1
Benzene	ND		1.0	0.41	ug/L			12/27/22 22:37	1
Bromodichloromethane	ND		1.0	0.39	ug/L			12/27/22 22:37	1
Bromoform	ND		1.0	0.26	ug/L			12/27/22 22:37	1
Bromomethane	ND		1.0	0.69	ug/L			12/27/22 22:37	1
Carbon disulfide	ND		1.0	0.19	ug/L			12/27/22 22:37	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			12/27/22 22:37	1
Chlorobenzene	ND		1.0	0.75	ug/L			12/27/22 22:37	1
Dibromochloromethane	ND		1.0	0.32	ug/L			12/27/22 22:37	1
Chloroethane	ND		1.0	0.32	ug/L			12/27/22 22:37	1
Chloroform	ND		1.0	0.34	ug/L			12/27/22 22:37	1
Chloromethane	ND		1.0	0.35	ug/L			12/27/22 22:37	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			12/27/22 22:37	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			12/27/22 22:37	1
Cyclohexane	ND		1.0	0.18	ug/L			12/27/22 22:37	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			12/27/22 22:37	1
Ethylbenzene	ND		1.0	0.74	ug/L			12/27/22 22:37	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			12/27/22 22:37	1
Isopropylbenzene	ND		1.0	0.79	ug/L			12/27/22 22:37	1
Methyl acetate	ND		2.5	1.3	ug/L			12/27/22 22:37	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			12/27/22 22:37	1
Methylcyclohexane	ND		1.0	0.16	ug/L			12/27/22 22:37	1
Methylene Chloride	ND		1.0	0.44	ug/L			12/27/22 22:37	1
Styrene	ND		1.0	0.73	ug/L			12/27/22 22:37	1
Tetrachloroethene	ND		1.0	0.36	ug/L			12/27/22 22:37	1
Toluene	ND		1.0	0.51	ug/L			12/27/22 22:37	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			12/27/22 22:37	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			12/27/22 22:37	1
Trichloroethene	ND		1.0	0.46	ug/L			12/27/22 22:37	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			12/27/22 22:37	1
Vinyl chloride	ND		1.0	0.90	ug/L			12/27/22 22:37	1
Xylenes, Total	ND		2.0	0.66	ug/L			12/27/22 22:37	1

Client: O'Brien & Gere Inc of North America
Project/Site: Forest Glen Monitoring

Job ID: 480-205019-1

Client Sample ID: MW8D122222
Date Collected: 12/22/22 10:37
Date Received: 12/22/22 13:05

Lab Sample ID: 480-205019-16
Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	88		80 - 120		12/27/22 22:37	1
1,2-Dichloroethane-d4 (Surr)	110		77 - 120		12/27/22 22:37	1
4-Bromofluorobenzene (Surr)	91		73 - 120		12/27/22 22:37	1
Dibromofluoromethane (Surr)	98		75 - 123		12/27/22 22:37	1

Client: O'Brien & Gere Inc of North America
Project/Site: Forest Glen Monitoring

Job ID: 480-205019-1

Client Sample ID: MW7DD122222
Date Collected: 12/22/22 10:40
Date Received: 12/22/22 13:05

Lab Sample ID: 480-205019-17
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			12/27/22 22:59	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			12/27/22 22:59	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			12/27/22 22:59	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			12/27/22 22:59	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			12/27/22 22:59	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			12/27/22 22:59	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			12/27/22 22:59	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			12/27/22 22:59	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			12/27/22 22:59	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			12/27/22 22:59	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			12/27/22 22:59	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			12/27/22 22:59	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			12/27/22 22:59	1
2-Butanone (MEK)	ND		10	1.3	ug/L			12/27/22 22:59	1
2-Hexanone	ND	*+	5.0	1.2	ug/L			12/27/22 22:59	1
4-Methyl-2-pentanone (MIBK)	ND	*+	5.0	2.1	ug/L			12/27/22 22:59	1
Acetone	ND		10	3.0	ug/L			12/27/22 22:59	1
Benzene	ND		1.0	0.41	ug/L			12/27/22 22:59	1
Bromodichloromethane	ND		1.0	0.39	ug/L			12/27/22 22:59	1
Bromoform	ND		1.0	0.26	ug/L			12/27/22 22:59	1
Bromomethane	ND		1.0	0.69	ug/L			12/27/22 22:59	1
Carbon disulfide	ND		1.0	0.19	ug/L			12/27/22 22:59	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			12/27/22 22:59	1
Chlorobenzene	ND		1.0	0.75	ug/L			12/27/22 22:59	1
Dibromochloromethane	ND		1.0	0.32	ug/L			12/27/22 22:59	1
Chloroethane	ND		1.0	0.32	ug/L			12/27/22 22:59	1
Chloroform	ND		1.0	0.34	ug/L			12/27/22 22:59	1
Chloromethane	ND		1.0	0.35	ug/L			12/27/22 22:59	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			12/27/22 22:59	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			12/27/22 22:59	1
Cyclohexane	ND		1.0	0.18	ug/L			12/27/22 22:59	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			12/27/22 22:59	1
Ethylbenzene	ND		1.0	0.74	ug/L			12/27/22 22:59	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			12/27/22 22:59	1
Isopropylbenzene	ND		1.0	0.79	ug/L			12/27/22 22:59	1
Methyl acetate	ND		2.5	1.3	ug/L			12/27/22 22:59	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			12/27/22 22:59	1
Methylcyclohexane	ND		1.0	0.16	ug/L			12/27/22 22:59	1
Methylene Chloride	ND		1.0	0.44	ug/L			12/27/22 22:59	1
Styrene	ND		1.0	0.73	ug/L			12/27/22 22:59	1
Tetrachloroethene	ND		1.0	0.36	ug/L			12/27/22 22:59	1
Toluene	ND		1.0	0.51	ug/L			12/27/22 22:59	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			12/27/22 22:59	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			12/27/22 22:59	1
Trichloroethene	ND		1.0	0.46	ug/L			12/27/22 22:59	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			12/27/22 22:59	1
Vinyl chloride	ND		1.0	0.90	ug/L			12/27/22 22:59	1
Xylenes, Total	ND		2.0	0.66	ug/L			12/27/22 22:59	1

Client: O'Brien & Gere Inc of North America
Project/Site: Forest Glen Monitoring

Job ID: 480-205019-1

Client Sample ID: MW7DD122222
Date Collected: 12/22/22 10:40
Date Received: 12/22/22 13:05

Lab Sample ID: 480-205019-17
Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	89		80 - 120		12/27/22 22:59	1
1,2-Dichloroethane-d4 (Surr)	110		77 - 120		12/27/22 22:59	1
4-Bromofluorobenzene (Surr)	92		73 - 120		12/27/22 22:59	1
Dibromofluoromethane (Surr)	101		75 - 123		12/27/22 22:59	1

Client: O'Brien & Gere Inc of North America
Project/Site: Forest Glen Monitoring

Job ID: 480-205019-1

Client Sample ID: X-1122122
Date Collected: 12/22/22 00:00
Date Received: 12/22/22 13:05

Lab Sample ID: 480-205019-18
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			12/27/22 23:21	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			12/27/22 23:21	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			12/27/22 23:21	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			12/27/22 23:21	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			12/27/22 23:21	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			12/27/22 23:21	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			12/27/22 23:21	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			12/27/22 23:21	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			12/27/22 23:21	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			12/27/22 23:21	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			12/27/22 23:21	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			12/27/22 23:21	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			12/27/22 23:21	1
2-Butanone (MEK)	ND		10	1.3	ug/L			12/27/22 23:21	1
2-Hexanone	ND	*+	5.0	1.2	ug/L			12/27/22 23:21	1
4-Methyl-2-pentanone (MIBK)	ND	*+	5.0	2.1	ug/L			12/27/22 23:21	1
Acetone	ND		10	3.0	ug/L			12/27/22 23:21	1
Benzene	ND		1.0	0.41	ug/L			12/27/22 23:21	1
Bromodichloromethane	ND		1.0	0.39	ug/L			12/27/22 23:21	1
Bromoform	ND		1.0	0.26	ug/L			12/27/22 23:21	1
Bromomethane	ND		1.0	0.69	ug/L			12/27/22 23:21	1
Carbon disulfide	ND		1.0	0.19	ug/L			12/27/22 23:21	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			12/27/22 23:21	1
Chlorobenzene	ND		1.0	0.75	ug/L			12/27/22 23:21	1
Dibromochloromethane	ND		1.0	0.32	ug/L			12/27/22 23:21	1
Chloroethane	ND		1.0	0.32	ug/L			12/27/22 23:21	1
Chloroform	ND		1.0	0.34	ug/L			12/27/22 23:21	1
Chloromethane	ND		1.0	0.35	ug/L			12/27/22 23:21	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			12/27/22 23:21	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			12/27/22 23:21	1
Cyclohexane	ND		1.0	0.18	ug/L			12/27/22 23:21	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			12/27/22 23:21	1
Ethylbenzene	ND		1.0	0.74	ug/L			12/27/22 23:21	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			12/27/22 23:21	1
Isopropylbenzene	ND		1.0	0.79	ug/L			12/27/22 23:21	1
Methyl acetate	ND		2.5	1.3	ug/L			12/27/22 23:21	1
Methyl tert-butyl ether	**0.17**	**J**	1.0	0.16	ug/L			12/27/22 23:21	1
Methylcyclohexane	ND		1.0	0.16	ug/L			12/27/22 23:21	1
Methylene Chloride	ND		1.0	0.44	ug/L			12/27/22 23:21	1
Styrene	ND		1.0	0.73	ug/L			12/27/22 23:21	1
Tetrachloroethene	ND		1.0	0.36	ug/L			12/27/22 23:21	1
Toluene	ND		1.0	0.51	ug/L			12/27/22 23:21	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			12/27/22 23:21	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			12/27/22 23:21	1
Trichloroethene	ND		1.0	0.46	ug/L			12/27/22 23:21	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			12/27/22 23:21	1
Vinyl chloride	ND		1.0	0.90	ug/L			12/27/22 23:21	1
Xylenes, Total	ND		2.0	0.66	ug/L			12/27/22 23:21	1

Client: O'Brien & Gere Inc of North America
Project/Site: Forest Glen Monitoring

Job ID: 480-205019-1

Client Sample ID: X-1122122
Date Collected: 12/22/22 00:00
Date Received: 12/22/22 13:05

Lab Sample ID: 480-205019-18
Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	88		80 - 120		12/27/22 23:21	1
1,2-Dichloroethane-d4 (Surr)	111		77 - 120		12/27/22 23:21	1
4-Bromofluorobenzene (Surr)	92		73 - 120		12/27/22 23:21	1
Dibromofluoromethane (Surr)	101		75 - 123		12/27/22 23:21	1

Client: O'Brien & Gere Inc of North America
Project/Site: Forest Glen Monitoring

Job ID: 480-205019-1

Client Sample ID: TRIP BLANK

Date Collected: 12/22/22 00:00
Date Received: 12/22/22 13:05

Lab Sample ID: 480-205019-19

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			12/27/22 23:42	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			12/27/22 23:42	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			12/27/22 23:42	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			12/27/22 23:42	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			12/27/22 23:42	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			12/27/22 23:42	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			12/27/22 23:42	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			12/27/22 23:42	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			12/27/22 23:42	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			12/27/22 23:42	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			12/27/22 23:42	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			12/27/22 23:42	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			12/27/22 23:42	1
2-Butanone (MEK)	ND		10	1.3	ug/L			12/27/22 23:42	1
2-Hexanone	ND	*+	5.0	1.2	ug/L			12/27/22 23:42	1
4-Methyl-2-pentanone (MIBK)	ND	*+	5.0	2.1	ug/L			12/27/22 23:42	1
Acetone	ND		10	3.0	ug/L			12/27/22 23:42	1
Benzene	ND		1.0	0.41	ug/L			12/27/22 23:42	1
Bromodichloromethane	ND		1.0	0.39	ug/L			12/27/22 23:42	1
Bromoform	ND		1.0	0.26	ug/L			12/27/22 23:42	1
Bromomethane	ND		1.0	0.69	ug/L			12/27/22 23:42	1
Carbon disulfide	ND		1.0	0.19	ug/L			12/27/22 23:42	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			12/27/22 23:42	1
Chlorobenzene	ND		1.0	0.75	ug/L			12/27/22 23:42	1
Dibromochloromethane	ND		1.0	0.32	ug/L			12/27/22 23:42	1
Chloroethane	ND		1.0	0.32	ug/L			12/27/22 23:42	1
Chloroform	ND		1.0	0.34	ug/L			12/27/22 23:42	1
Chloromethane	ND		1.0	0.35	ug/L			12/27/22 23:42	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			12/27/22 23:42	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			12/27/22 23:42	1
Cyclohexane	ND		1.0	0.18	ug/L			12/27/22 23:42	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			12/27/22 23:42	1
Ethylbenzene	ND		1.0	0.74	ug/L			12/27/22 23:42	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			12/27/22 23:42	1
Isopropylbenzene	ND		1.0	0.79	ug/L			12/27/22 23:42	1
Methyl acetate	ND		2.5	1.3	ug/L			12/27/22 23:42	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			12/27/22 23:42	1
Methylcyclohexane	ND		1.0	0.16	ug/L			12/27/22 23:42	1
Methylene Chloride	ND		1.0	0.44	ug/L			12/27/22 23:42	1
Styrene	ND		1.0	0.73	ug/L			12/27/22 23:42	1
Tetrachloroethene	ND		1.0	0.36	ug/L			12/27/22 23:42	1
Toluene	ND		1.0	0.51	ug/L			12/27/22 23:42	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			12/27/22 23:42	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			12/27/22 23:42	1
Trichloroethene	ND		1.0	0.46	ug/L			12/27/22 23:42	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			12/27/22 23:42	1
Vinyl chloride	ND		1.0	0.90	ug/L			12/27/22 23:42	1
Xylenes, Total	ND		2.0	0.66	ug/L			12/27/22 23:42	1

Client Sample Results

Client: O'Brien & Gere Inc of North America
Project/Site: Forest Glen Monitoring

Job ID: 480-205019-1

Client Sample ID: TRIP BLANK

Date Collected: 12/22/22 00:00
Date Received: 12/22/22 13:05

Lab Sample ID: 480-205019-19

Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	89		80 - 120		12/27/22 23:42	1
1,2-Dichloroethane-d4 (Surr)	113		77 - 120		12/27/22 23:42	1
4-Bromofluorobenzene (Surr)	93		73 - 120		12/27/22 23:42	1
Dibromofluoromethane (Surr)	102		75 - 123		12/27/22 23:42	1

Surrogate Summary

Client: O'Brien & Gere Inc of North America
Project/Site: Forest Glen Monitoring

Job ID: 480-205019-1

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

Matrix: Water

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)			
		TOL	DCA	BFB	DBFM
Lab Sample ID	Client Sample ID	(80-120)	(77-120)	(73-120)	(75-123)
480-205019-1	MW6D122122	88	109	90	97
480-205019-2	MW6DD122122	89	109	92	98
480-205019-3	MW6S122122	89	109	92	97
480-205019-4	MW1S122122	88	109	92	98
480-205019-5	MW5D122122	88	109	92	97
480-205019-6	MW1D122122	89	112	91	100
480-205019-7	MW5S122122	87	108	89	99
480-205019-7 MS	MW5S122122 MS	94	105	94	95
480-205019-7 MSD	MW5S122122 MSD	93	110	94	99
480-205019-8	MW4D122122	90	109	92	99
480-205019-9	MW10S122122	88	113	92	100
480-205019-10	MW4S122122	88	111	91	99
480-205019-11	MW10D122122	89	111	91	100
480-205019-12	MW8DD122222	89	110	91	100
480-205019-13	MW7D122222	89	111	90	100
480-205019-14	MW8S122222	88	109	89	99
480-205019-15	MW7S122222	88	111	91	100
480-205019-16	MW8D122222	88	110	91	98
480-205019-17	MW7DD122222	89	110	92	101
480-205019-18	X-1122122	88	111	92	101
480-205019-19	TRIP BLANK	89	113	93	102
LCS 480-654472/5	Lab Control Sample	91	107	92	95
MB 480-654472/7	Method Blank	88	107	91	96

Surrogate Legend

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

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

Lab Sample ID: MB 480-654472/7
Matrix: Water
Analysis Batch: 654472

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	ND		1.0	0.82	ug/L			12/27/22 15:18	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			12/27/22 15:18	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			12/27/22 15:18	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			12/27/22 15:18	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			12/27/22 15:18	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			12/27/22 15:18	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			12/27/22 15:18	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			12/27/22 15:18	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			12/27/22 15:18	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			12/27/22 15:18	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			12/27/22 15:18	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			12/27/22 15:18	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			12/27/22 15:18	1
2-Butanone (MEK)	ND		10	1.3	ug/L			12/27/22 15:18	1
2-Hexanone	ND		5.0	1.2	ug/L			12/27/22 15:18	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			12/27/22 15:18	1
Acetone	ND		10	3.0	ug/L			12/27/22 15:18	1
Benzene	ND		1.0	0.41	ug/L			12/27/22 15:18	1
Bromodichloromethane	ND		1.0	0.39	ug/L			12/27/22 15:18	1
Bromoform	ND		1.0	0.26	ug/L			12/27/22 15:18	1
Bromomethane	ND		1.0	0.69	ug/L			12/27/22 15:18	1
Carbon disulfide	ND		1.0	0.19	ug/L			12/27/22 15:18	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			12/27/22 15:18	1
Chlorobenzene	ND		1.0	0.75	ug/L			12/27/22 15:18	1
Dibromochloromethane	ND		1.0	0.32	ug/L			12/27/22 15:18	1
Chloroethane	ND		1.0	0.32	ug/L			12/27/22 15:18	1
Chloroform	ND		1.0	0.34	ug/L			12/27/22 15:18	1
Chloromethane	ND		1.0	0.35	ug/L			12/27/22 15:18	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			12/27/22 15:18	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			12/27/22 15:18	1
Cyclohexane	ND		1.0	0.18	ug/L			12/27/22 15:18	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			12/27/22 15:18	1
Ethylbenzene	ND		1.0	0.74	ug/L			12/27/22 15:18	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			12/27/22 15:18	1
Isopropylbenzene	ND		1.0	0.79	ug/L			12/27/22 15:18	1
Methyl acetate	ND		2.5	1.3	ug/L			12/27/22 15:18	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			12/27/22 15:18	1
Methylcyclohexane	ND		1.0	0.16	ug/L			12/27/22 15:18	1
Methylene Chloride	ND		1.0	0.44	ug/L			12/27/22 15:18	1
Styrene	ND		1.0	0.73	ug/L			12/27/22 15:18	1
Tetrachloroethene	ND		1.0	0.36	ug/L			12/27/22 15:18	1
Toluene	ND		1.0	0.51	ug/L			12/27/22 15:18	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			12/27/22 15:18	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			12/27/22 15:18	1
Trichloroethene	ND		1.0	0.46	ug/L			12/27/22 15:18	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			12/27/22 15:18	1
Vinyl chloride	ND		1.0	0.90	ug/L			12/27/22 15:18	1
Xylenes, Total	ND		2.0	0.66	ug/L			12/27/22 15:18	1

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

Lab Sample ID: MB 480-654472/7
Matrix: Water
Analysis Batch: 654472

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

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	*88*		*80 - 120*		*12/27/22 15:18*	*1*
1,2-Dichloroethane-d4 (Surr)	*107*		*77 - 120*		*12/27/22 15:18*	*1*
4-Bromofluorobenzene (Surr)	*91*		*73 - 120*		*12/27/22 15:18*	*1*
Dibromofluoromethane (Surr)	*96*		*75 - 123*		*12/27/22 15:18*	*1*

Lab Sample ID: LCS 480-654472/5
Matrix: Water
Analysis Batch: 654472

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1-Trichloroethane	25.0	25.9		ug/L		103	73 - 126
1,1,2,2-Tetrachloroethane	25.0	26.0		ug/L		104	76 - 120
1,1,2-Trichloroethane	25.0	24.5		ug/L		98	76 - 122
1,1,2-Trichloro-1,2,2-trifluoroethane	25.0	25.8		ug/L		103	61 - 148
1,1-Dichloroethane	25.0	24.4		ug/L		98	77 - 120
1,1-Dichloroethene	25.0	22.8		ug/L		91	66 - 127
1,2,4-Trichlorobenzene	25.0	24.3		ug/L		97	79 - 122
1,2-Dibromo-3-Chloropropane	25.0	31.3		ug/L		125	56 - 134
1,2-Dichlorobenzene	25.0	23.1		ug/L		92	80 - 124
1,2-Dichloroethane	25.0	26.8		ug/L		107	75 - 120
1,2-Dichloropropane	25.0	24.0		ug/L		96	76 - 120
1,3-Dichlorobenzene	25.0	22.5		ug/L		90	77 - 120
1,4-Dichlorobenzene	25.0	22.6		ug/L		90	80 - 120
2-Butanone (MEK)	125	166		ug/L		133	57 - 140
2-Hexanone	125	184	*+	ug/L		147	65 - 127
4-Methyl-2-pentanone (MIBK)	125	177	*+	ug/L		141	71 - 125
Acetone	125	174		ug/L		139	56 - 142
Benzene	25.0	22.8		ug/L		91	71 - 124
Bromodichloromethane	25.0	26.6		ug/L		106	80 - 122
Bromoform	25.0	30.1		ug/L		120	61 - 132
Bromomethane	25.0	24.2		ug/L		97	55 - 144
Carbon disulfide	25.0	25.6		ug/L		102	59 - 134
Carbon tetrachloride	25.0	26.8		ug/L		107	72 - 134
Chlorobenzene	25.0	21.6		ug/L		86	80 - 120
Dibromochloromethane	25.0	26.7		ug/L		107	75 - 125
Chloroethane	25.0	23.4		ug/L		94	69 - 136
Chloroform	25.0	24.3		ug/L		97	73 - 127
Chloromethane	25.0	29.9		ug/L		120	68 - 124
cis-1,2-Dichloroethene	25.0	22.9		ug/L		92	74 - 124
cis-1,3-Dichloropropene	25.0	25.0		ug/L		100	74 - 124
Cyclohexane	25.0	27.6		ug/L		110	59 - 135
Dichlorodifluoromethane	25.0	31.7		ug/L		127	59 - 135
Ethylbenzene	25.0	23.0		ug/L		92	77 - 123
1,2-Dibromoethane	25.0	24.2		ug/L		97	77 - 120
Isopropylbenzene	25.0	23.0		ug/L		92	77 - 122
Methyl acetate	50.0	58.1		ug/L		116	74 - 133
Methyl tert-butyl ether	25.0	25.3		ug/L		101	77 - 120
Methylcyclohexane	25.0	23.9		ug/L		96	68 - 134

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

Lab Sample ID: LCS 480-654472/5
Matrix: Water
Analysis Batch: 654472

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Methylene Chloride	25.0	24.5		ug/L		98	75 - 124
Styrene	25.0	22.8		ug/L		91	80 - 120
Tetrachloroethene	25.0	23.2		ug/L		93	74 - 122
Toluene	25.0	22.6		ug/L		90	80 - 122
trans-1,2-Dichloroethene	25.0	22.9		ug/L		92	73 - 127
trans-1,3-Dichloropropene	25.0	26.0		ug/L		104	80 - 120
Trichloroethene	25.0	23.6		ug/L		94	74 - 123
Trichlorofluoromethane	25.0	30.4		ug/L		122	62 - 150
Vinyl chloride	25.0	25.6		ug/L		102	65 - 133

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Toluene-d8 (Surr)	*91*		*80 - 120*
1,2-Dichloroethane-d4 (Surr)	*107*		*77 - 120*
4-Bromofluorobenzene (Surr)	*92*		*73 - 120*
Dibromofluoromethane (Surr)	*95*		*75 - 123*

Lab Sample ID: 480-205019-7 MS
Matrix: Water
Analysis Batch: 654472

Client Sample ID: MW5S122122 MS
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1-Trichloroethane	2.6		25.0	33.1		ug/L		122	73 - 126
1,1,2,2-Tetrachloroethane	ND		25.0	30.1		ug/L		120	76 - 120
1,1,2-Trichloroethane	ND		25.0	28.8		ug/L		115	76 - 122
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		25.0	29.2		ug/L		117	61 - 148
1,1-Dichloroethane	15		25.0	43.1		ug/L		113	77 - 120
1,1-Dichloroethene	1.3		25.0	29.5		ug/L		113	66 - 127
1,2,4-Trichlorobenzene	ND		25.0	27.6		ug/L		110	79 - 122
1,2-Dibromo-3-Chloropropane	ND	F1	25.0	34.9	F1	ug/L		139	56 - 134
1,2-Dichlorobenzene	ND		25.0	27.5		ug/L		110	80 - 124
1,2-Dichloroethane	ND	F1	25.0	30.5	F1	ug/L		122	75 - 120
1,2-Dichloropropane	ND		25.0	27.4		ug/L		110	76 - 120
1,3-Dichlorobenzene	ND		25.0	26.6		ug/L		107	77 - 120
1,4-Dichlorobenzene	ND		25.0	26.6		ug/L		106	78 - 124
2-Butanone (MEK)	ND	F1	125	176	F1	ug/L		141	57 - 140
2-Hexanone	ND	*+ F1	125	206	F1	ug/L		165	65 - 127
4-Methyl-2-pentanone (MIBK)	ND	*+ F1	125	204	F1	ug/L		164	71 - 125
Acetone	ND	F2	125	139		ug/L		111	56 - 142
Benzene	ND		25.0	27.0		ug/L		108	71 - 124
Bromodichloromethane	ND	F1	25.0	30.3		ug/L		121	80 - 122
Bromoform	ND	F1	25.0	33.9	F1	ug/L		136	61 - 132
Bromomethane	ND		25.0	27.7		ug/L		111	55 - 144
Carbon disulfide	ND		25.0	29.2		ug/L		117	59 - 134
Carbon tetrachloride	ND		25.0	31.7		ug/L		127	72 - 134
Chlorobenzene	ND		25.0	25.9		ug/L		103	80 - 120
Dibromochloromethane	ND		25.0	31.1		ug/L		124	75 - 125
Chloroethane	ND		25.0	27.3		ug/L		109	69 - 136
Chloroform	ND		25.0	28.4		ug/L		114	73 - 127

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

Lab Sample ID: 480-205019-7 MS
Matrix: Water
Analysis Batch: 654472

Client Sample ID: MW5S122122 MS
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloromethane	ND	F1	25.0	35.6	F1	ug/L		142	68 - 124
cis-1,2-Dichloroethene	16		25.0	42.7		ug/L		107	74 - 124
cis-1,3-Dichloropropene	ND		25.0	26.1		ug/L		104	74 - 124
Cyclohexane	ND		25.0	31.2		ug/L		125	59 - 135
Dichlorodifluoromethane	ND	F1	25.0	34.4	F1	ug/L		137	59 - 135
Ethylbenzene	ND		25.0	27.8		ug/L		111	77 - 123
1,2-Dibromoethane	ND		25.0	28.1		ug/L		112	77 - 120
Isopropylbenzene	ND		25.0	27.7		ug/L		111	77 - 122
Methyl acetate	ND	F1 F2	50.0	60.3		ug/L		121	74 - 133
Methyl tert-butyl ether	ND		25.0	26.3		ug/L		105	77 - 120
Methylcyclohexane	ND		25.0	26.1		ug/L		104	68 - 134
Methylene Chloride	ND		25.0	28.1		ug/L		113	75 - 124
Styrene	ND		25.0	27.2		ug/L		109	80 - 120
Tetrachloroethene	ND		25.0	28.0		ug/L		112	74 - 122
Toluene	ND		25.0	27.0		ug/L		108	80 - 122
trans-1,2-Dichloroethene	ND		25.0	28.3		ug/L		113	73 - 127
trans-1,3-Dichloropropene	ND		25.0	28.3		ug/L		113	80 - 120
Trichloroethene	8.2		25.0	35.4		ug/L		109	74 - 123
Trichlorofluoromethane	ND		25.0	35.5		ug/L		142	62 - 150
Vinyl chloride	ND		25.0	30.9		ug/L		124	65 - 133

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
Toluene-d8 (Surr)	*94*		*80 - 120*
1,2-Dichloroethane-d4 (Surr)	*105*		*77 - 120*
4-Bromofluorobenzene (Surr)	*94*		*73 - 120*
Dibromofluoromethane (Surr)	*95*		*75 - 123*

Lab Sample ID: 480-205019-7 MSD
Matrix: Water
Analysis Batch: 654472

Client Sample ID: MW5S122122 MSD
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	2.6		25.0	33.8		ug/L		125	73 - 126	2	15
1,1,2,2-Tetrachloroethane	ND		25.0	29.7		ug/L		119	76 - 120	1	15
1,1,2-Trichloroethane	ND		25.0	28.3		ug/L		113	76 - 122	2	15
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		25.0	29.1		ug/L		116	61 - 148	0	20
1,1-Dichloroethane	15		25.0	43.8		ug/L		116	77 - 120	2	20
1,1-Dichloroethene	1.3		25.0	29.5		ug/L		112	66 - 127	0	16
1,2,4-Trichlorobenzene	ND		25.0	28.2		ug/L		113	79 - 122	2	20
1,2-Dibromo-3-Chloropropane	ND	F1	25.0	34.7	F1	ug/L		139	56 - 134	0	15
1,2-Dichlorobenzene	ND		25.0	27.4		ug/L		110	80 - 124	0	20
1,2-Dichloroethane	ND	F1	25.0	31.6	F1	ug/L		126	75 - 120	4	20
1,2-Dichloropropane	ND		25.0	28.4		ug/L		113	76 - 120	3	20
1,3-Dichlorobenzene	ND		25.0	26.4		ug/L		106	77 - 120	1	20
1,4-Dichlorobenzene	ND		25.0	25.9		ug/L		103	78 - 124	3	20
2-Butanone (MEK)	ND	F1	125	184	F1	ug/L		147	57 - 140	4	20
2-Hexanone	ND	*+ F1	125	204	F1	ug/L		163	65 - 127	1	15
4-Methyl-2-pentanone (MIBK)	ND	*+ F1	125	205	F1	ug/L		164	71 - 125	0	35

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

Lab Sample ID: 480-205019-7 MSD
Matrix: Water
Analysis Batch: 654472

Client Sample ID: MW5S122122 MSD
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Acetone	ND	F2	125	165	F2	ug/L		132	56 - 142	17	15
Benzene	ND		25.0	27.7		ug/L		111	71 - 124	3	13
Bromodichloromethane	ND	F1	25.0	31.2	F1	ug/L		125	80 - 122	3	15
Bromoform	ND	F1	25.0	33.4	F1	ug/L		133	61 - 132	2	15
Bromomethane	ND		25.0	29.1		ug/L		116	55 - 144	5	15
Carbon disulfide	ND		25.0	29.6		ug/L		118	59 - 134	2	15
Carbon tetrachloride	ND		25.0	32.3		ug/L		129	72 - 134	2	15
Chlorobenzene	ND		25.0	25.6		ug/L		102	80 - 120	1	25
Dibromochloromethane	ND		25.0	31.1		ug/L		124	75 - 125	0	15
Chloroethane	ND		25.0	28.4		ug/L		114	69 - 136	4	15
Chloroform	ND		25.0	29.0		ug/L		116	73 - 127	2	20
Chloromethane	ND	F1	25.0	36.0	F1	ug/L		144	68 - 124	1	15
cis-1,2-Dichloroethene	16		25.0	44.0		ug/L		112	74 - 124	3	15
cis-1,3-Dichloropropene	ND		25.0	27.4		ug/L		110	74 - 124	5	15
Cyclohexane	ND		25.0	31.6		ug/L		127	59 - 135	1	20
Dichlorodifluoromethane	ND	F1	25.0	33.7		ug/L		135	59 - 135	2	20
Ethylbenzene	ND		25.0	27.2		ug/L		109	77 - 123	2	15
1,2-Dibromoethane	ND		25.0	28.0		ug/L		112	77 - 120	0	15
Isopropylbenzene	ND		25.0	27.1		ug/L		108	77 - 122	2	20
Methyl acetate	ND	F1 F2	50.0	74.5	F1 F2	ug/L		149	74 - 133	21	20
Methyl tert-butyl ether	ND		25.0	28.0		ug/L		112	77 - 120	6	37
Methylcyclohexane	ND		25.0	26.8		ug/L		107	68 - 134	3	20
Methylene Chloride	ND		25.0	29.0		ug/L		116	75 - 124	3	15
Styrene	ND		25.0	26.9		ug/L		108	80 - 120	1	20
Tetrachloroethene	ND		25.0	27.5		ug/L		110	74 - 122	2	20
Toluene	ND		25.0	26.8		ug/L		107	80 - 122	1	15
trans-1,2-Dichloroethene	ND		25.0	29.1		ug/L		116	73 - 127	3	20
trans-1,3-Dichloropropene	ND		25.0	28.4		ug/L		113	80 - 120	0	15
Trichloroethene	8.2		25.0	35.7		ug/L		110	74 - 123	1	16
Trichlorofluoromethane	ND		25.0	36.3		ug/L		145	62 - 150	2	20
Vinyl chloride	ND		25.0	32.1		ug/L		128	65 - 133	4	15

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
Toluene-d8 (Surr)	*93*		*80 - 120*
1,2-Dichloroethane-d4 (Surr)	*110*		*77 - 120*
4-Bromofluorobenzene (Surr)	*94*		*73 - 120*
Dibromofluoromethane (Surr)	*99*		*75 - 123*

QC Association Summary

Client: O'Brien & Gere Inc of North America
Job ID: 480-205019-1
Project/Site: Forest Glen Monitoring

GC/MS VOA

Analysis Batch: 654472

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-205019-1	MW6D122122	Total/NA	Water	8260C	
480-205019-2	MW6DD122122	Total/NA	Water	8260C	
480-205019-3	MW6S122122	Total/NA	Water	8260C	
480-205019-4	MW1S122122	Total/NA	Water	8260C	
480-205019-5	MW5D122122	Total/NA	Water	8260C	
480-205019-6	MW1D122122	Total/NA	Water	8260C	
480-205019-7	MW5S122122	Total/NA	Water	8260C	
480-205019-8	MW4D122122	Total/NA	Water	8260C	
480-205019-9	MW10S122122	Total/NA	Water	8260C	
480-205019-10	MW4S122122	Total/NA	Water	8260C	
480-205019-11	MW10D122122	Total/NA	Water	8260C	
480-205019-12	MW8DD122222	Total/NA	Water	8260C	
480-205019-13	MW7D122222	Total/NA	Water	8260C	
480-205019-14	MW8S122222	Total/NA	Water	8260C	
480-205019-15	MW7S122222	Total/NA	Water	8260C	
480-205019-16	MW8D122222	Total/NA	Water	8260C	
480-205019-17	MW7DD122222	Total/NA	Water	8260C	
480-205019-18	X-1122122	Total/NA	Water	8260C	
480-205019-19	TRIP BLANK	Total/NA	Water	8260C	
MB 480-654472/7	Method Blank	Total/NA	Water	8260C	
LCS 480-654472/5	Lab Control Sample	Total/NA	Water	8260C	
480-205019-7 MS	MW5S122122 MS	Total/NA	Water	8260C	
480-205019-7 MSD	MW5S122122 MSD	Total/NA	Water	8260C	

Lab Chronicle

Client: O'Brien & Gere Inc of North America
Project/Site: Forest Glen Monitoring

Job ID: 480-205019-1

Client Sample ID: MW6D122122
Lab Sample ID: 480-205019-1
Date Collected: 12/21/22 09:05
Matrix: Water
Date Received: 12/22/22 13:05

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		1	654472	AXK	EET BUF	12/27/22 17:08

Client Sample ID: MW6DD122122
Lab Sample ID: 480-205019-2
Date Collected: 12/21/22 09:10
Matrix: Water
Date Received: 12/22/22 13:05

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		1	654472	AXK	EET BUF	12/27/22 17:30

Client Sample ID: MW6S122122
Lab Sample ID: 480-205019-3
Date Collected: 12/21/22 10:25
Matrix: Water
Date Received: 12/22/22 13:05

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		1	654472	AXK	EET BUF	12/27/22 17:52

Client Sample ID: MW1S122122
Lab Sample ID: 480-205019-4
Date Collected: 12/21/22 11:30
Matrix: Water
Date Received: 12/22/22 13:05

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		1	654472	AXK	EET BUF	12/27/22 18:14

Client Sample ID: MW5D122122
Lab Sample ID: 480-205019-5
Date Collected: 12/21/22 11:43
Matrix: Water
Date Received: 12/22/22 13:05

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		1	654472	AXK	EET BUF	12/27/22 18:36

Client Sample ID: MW1D122122
Lab Sample ID: 480-205019-6
Date Collected: 12/21/22 12:35
Matrix: Water
Date Received: 12/22/22 13:05

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		1	654472	AXK	EET BUF	12/27/22 18:58

Client Sample ID: MW5S122122
Lab Sample ID: 480-205019-7
Date Collected: 12/21/22 13:00
Matrix: Water
Date Received: 12/22/22 13:05

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		1	654472	AXK	EET BUF	12/27/22 19:20

Lab Chronicle

Client: O'Brien & Gere Inc of North America
Project/Site: Forest Glen Monitoring

Job ID: 480-205019-1

Client Sample ID: MW4D122122
Lab Sample ID: 480-205019-8
Date Collected: 12/21/22 14:25
Matrix: Water
Date Received: 12/22/22 13:05

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		1	654472	AXK	EET BUF	12/27/22 19:42

Client Sample ID: MW10S122122
Lab Sample ID: 480-205019-9
Date Collected: 12/21/22 14:35
Matrix: Water
Date Received: 12/22/22 13:05

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		1	654472	AXK	EET BUF	12/27/22 20:04

Client Sample ID: MW4S122122
Lab Sample ID: 480-205019-10
Date Collected: 12/21/22 15:30
Matrix: Water
Date Received: 12/22/22 13:05

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		1	654472	AXK	EET BUF	12/27/22 20:26

Client Sample ID: MW10D122122
Lab Sample ID: 480-205019-11
Date Collected: 12/21/22 15:45
Matrix: Water
Date Received: 12/22/22 13:05

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		1	654472	AXK	EET BUF	12/27/22 20:47

Client Sample ID: MW8DD122222
Lab Sample ID: 480-205019-12
Date Collected: 12/22/22 09:13
Matrix: Water
Date Received: 12/22/22 13:05

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		1	654472	AXK	EET BUF	12/27/22 21:09

Client Sample ID: MW7D122222
Lab Sample ID: 480-205019-13
Date Collected: 12/22/22 09:20
Matrix: Water
Date Received: 12/22/22 13:05

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		1	654472	AXK	EET BUF	12/27/22 21:31

Client Sample ID: MW8S122222
Lab Sample ID: 480-205019-14
Date Collected: 12/22/22 09:53
Matrix: Water
Date Received: 12/22/22 13:05

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		1	654472	AXK	EET BUF	12/27/22 21:53

Lab Chronicle

Client: O'Brien & Gere Inc of North America
Project/Site: Forest Glen Monitoring

Job ID: 480-205019-1

Client Sample ID: MW7S122222
Date Collected: 12/22/22 10:25
Date Received: 12/22/22 13:05

Lab Sample ID: 480-205019-15
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		1	654472	AXK	EET BUF	12/27/22 22:15

Client Sample ID: MW8D122222
Date Collected: 12/22/22 10:37
Date Received: 12/22/22 13:05

Lab Sample ID: 480-205019-16
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		1	654472	AXK	EET BUF	12/27/22 22:37

Client Sample ID: MW7DD122222
Date Collected: 12/22/22 10:40
Date Received: 12/22/22 13:05

Lab Sample ID: 480-205019-17
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		1	654472	AXK	EET BUF	12/27/22 22:59

Client Sample ID: X-1122122
Date Collected: 12/22/22 00:00
Date Received: 12/22/22 13:05

Lab Sample ID: 480-205019-18
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		1	654472	AXK	EET BUF	12/27/22 23:21

Client Sample ID: TRIP BLANK
Date Collected: 12/22/22 00:00
Date Received: 12/22/22 13:05

Lab Sample ID: 480-205019-19
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		1	654472	AXK	EET BUF	12/27/22 23:42

Laboratory References:

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

Accreditation/Certification Summary

Client: O'Brien & Gere Inc of North America
Job ID: 480-205019-1
Project/Site: Forest Glen Monitoring

Laboratory: Eurofins Buffalo

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

Authority	Program	Identification Number	Expiration Date
New York	NELAP	10026	03-31-23

Method Summary

Client: O'Brien & Gere Inc of North America
Project/Site: Forest Glen Monitoring

Job ID: 480-205019-1

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

Protocol References:

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

Laboratory References:

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

Sample Summary

Client: O'Brien & Gere Inc of North America
Project/Site: Forest Glen Monitoring

Job ID: 480-205019-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
480-205019-1	MW6D122122	Water	12/21/22 09:05	12/22/22 13:05
480-205019-2	MW6DD122122	Water	12/21/22 09:10	12/22/22 13:05
480-205019-3	MW6S122122	Water	12/21/22 10:25	12/22/22 13:05
480-205019-4	MW1S122122	Water	12/21/22 11:30	12/22/22 13:05
480-205019-5	MW5D122122	Water	12/21/22 11:43	12/22/22 13:05
480-205019-6	MW1D122122	Water	12/21/22 12:35	12/22/22 13:05
480-205019-7	MW5S122122	Water	12/21/22 13:00	12/22/22 13:05
480-205019-8	MW4D122122	Water	12/21/22 14:25	12/22/22 13:05
480-205019-9	MW10S122122	Water	12/21/22 14:35	12/22/22 13:05
480-205019-10	MW4S122122	Water	12/21/22 15:30	12/22/22 13:05
480-205019-11	MW10D122122	Water	12/21/22 15:45	12/22/22 13:05
480-205019-12	MW8DD122222	Water	12/22/22 09:13	12/22/22 13:05
480-205019-13	MW7D122222	Water	12/22/22 09:20	12/22/22 13:05
480-205019-14	MW8S122222	Water	12/22/22 09:53	12/22/22 13:05
480-205019-15	MW7S122222	Water	12/22/22 10:25	12/22/22 13:05
480-205019-16	MW8D122222	Water	12/22/22 10:37	12/22/22 13:05
480-205019-17	MW7DD122222	Water	12/22/22 10:40	12/22/22 13:05
480-205019-18	X-1122122	Water	12/22/22 00:00	12/22/22 13:05
480-205019-19	TRIP BLANK	Water	12/22/22 00:00	12/22/22 13:05

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

Chain of Custody Record

eurofins

Client Information	Sampler:	Lab PM: Schove, John R	Carrier Tracking No(s):	COC No: 480-180239-26531.3
Client Contact: Mr. Yuri Veliz	Phone:	E-Mail: John.Schove@et.eurofinsus.com	State of Origin:	Page: Page 3 of 3 2
Company: Ramboll US Corporation	PWSID:	Analysis Requested		Job #:
Address: 94 New Karner Rd Suite 106	Due Date Requested:			Preservation Codes:
City: Albany	TAT Requested (days):			A - HCL, B - NaOH, C - Zn Acetate, D - Nitric Acid, E - NaHSO4, F - MeOH, G - Amchlor scorbic Acid, Water, DTA, DA, r:
State, Zip: NY, 12203	Compliance Project: Δ Yes Δ No			M - Hexane, N - None, O - AsNaO2, P - Na2O4S, Q - Na2SO3, R - Na2S2O3, S - H2SO4, T - TSP Dodecahydrate, U - Acetone, V - MCAA, W - pH 4-5, Y - Trizma, Z - other (specify)
Phone: 315-956-6100(Tel) 315-463-7554(Fax)	PO #: 1950005510			
Email: Yuri.Veliz@ramboll.com	WO #:			
Project Name: Forest Glen Monitoring	Project #: 48002808			
Site:	SSOW#:			

480-205019 Chain of Custody

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8260C - TCL Volatiles	Total Num	Special Instructions/Note:
			Preservation Code:				A		
MW6D122122	12/21/22	0905	G	Water	N	N	3		
MW6DD122122	12/21/22	0910	G	Water	N	N	3		
MW6S122122	12/21/22	1025	G		N	N	3		
MW1S122122	12/21/22	1130	G		N	N	3		
MW5D122122	12/21/22	1143	G		N	N	3		
MW1D122122	12/21/22	1235	G		N	N	3		
~~MW5D122122~~ MW5S122122	12/21/22	1300	G		N	Y	3		
~~MW5D122122 MS~~ MW5S122122MS	12/21/22	1300	G		N	Y	2		only 2 VOAs
~~MW5D122122 MSD~~ MW5S122122MSD	12/21/22	1300	G		N	Y	3		
~~MW10~~ MW4D122122	12/21/22	1425	G		N	N	3		
MW10S122122	12/21/22	1435	G		N	N	3		

Possible Hazard Identification	Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological	☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months
Deliverable Requested: I, II, III, IV, Other (specify)	Special Instructions/QC Requirements:

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

Relinquished by	Date/Time	Company	Received by	Date/Time	Company
[signature]	12/22/22 1305				
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by: [signature]	Date/Time: 12-22-22 1305	Company FAS

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.: 2117069	Cooler Temperature(s) °C and Other Remarks: 3.1 #1 CF

Ver: 06/08/2021

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

Chain of Custody Record

eurofins | Environment Testing

Client Information	Sampler:	Lab PM: Schove, John R	Carrier Tracking No(s):	COC No: 480-180239-26531.2
Client Contact: Mr. Yuri Veliz	Phone:	E-Mail: John.Schove@et.eurofinsus.com	State of Origin:	Page: Page 2 of 2
Company: Ramboll US Corporation	PWSID:			Job #:

Address: 94 New Karner Rd Suite 106	Due Date Requested:	Analysis Requested	Preservation Codes:
City: Albany	TAT Requested (days):		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; M - Hexane; N - None; O - AsNaO2; P - Na2O4S; Q - Na2SO3; R - Na2S2O3; S - H2SO4; T - TSP Dodecahydrate; U - Acetone; V - MCAA; W - pH 4-5; Y - Trizma; Z - other (specify); Other:
State, Zip: NY, 12203	Compliance Project: Δ Yes Δ No		
Phone: 315-956-6100(Tel) 315-463-7554(Fax)	PO #: 1950005510		
Email: Yuri.Veliz@ramboll.com	WO #:		
Project Name: Forest Glen Monitoring	Project #: 48002808		
Site:	SSOW#:		

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8260C - TCL Volatiles	Total Number of containers	Special Instructions/Note:
			Preservation Code:				A		
MW45122122	12/21/22	1530	G	Water	N	N	3		
MW10D122122	12/21/22	1545	G	Water	N	N	3		
MW8DD122222	12/22/22	0913	G	Water	N	N	3		
MW7D122222	12/22/22	0920	G	Water	N	N	3		
MW8S122222	12/22/22	0953	G	Water	N	N	3		
MW7S122222	12/22/22	1025	G	Water	N	N	3		
MW8D122222	12/22/22	1037	G	Water	N	N	3		
MW7DD122222	12/22/22	1140	G	Water	N	N	3		
~~X-122122~~ (RB) X-1122122	12/21/22	—	G	Water	N	N	3		
QC Trip blanks				Water				2	
				Water					

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

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

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

Special Instructions/QC Requirements:

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

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
[signature]	12/22/22 1305				
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by: [signature]	Date/Time: 12-22-22 1305	Company TAB

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.: 2117069	Cooler Temperature(s) °C and Other Remarks:

Ver: 06/08/2021

Login Sample Receipt Checklist

Client: O'Brien & Gere Inc of North America

Job Number: 480-205019-1

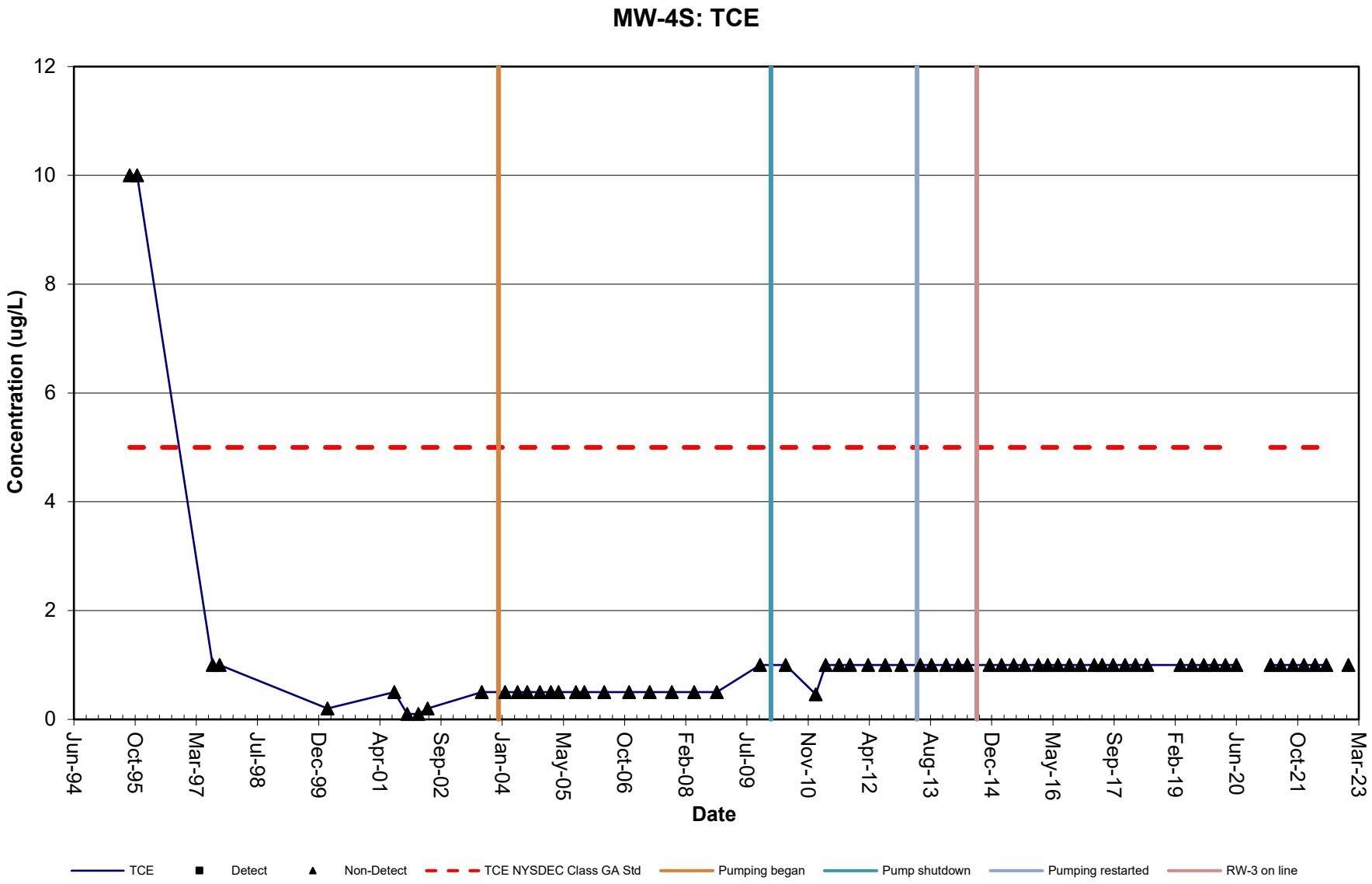
Login Number: 205019
List Number: 1
Creator: Sabuda, Brendan D

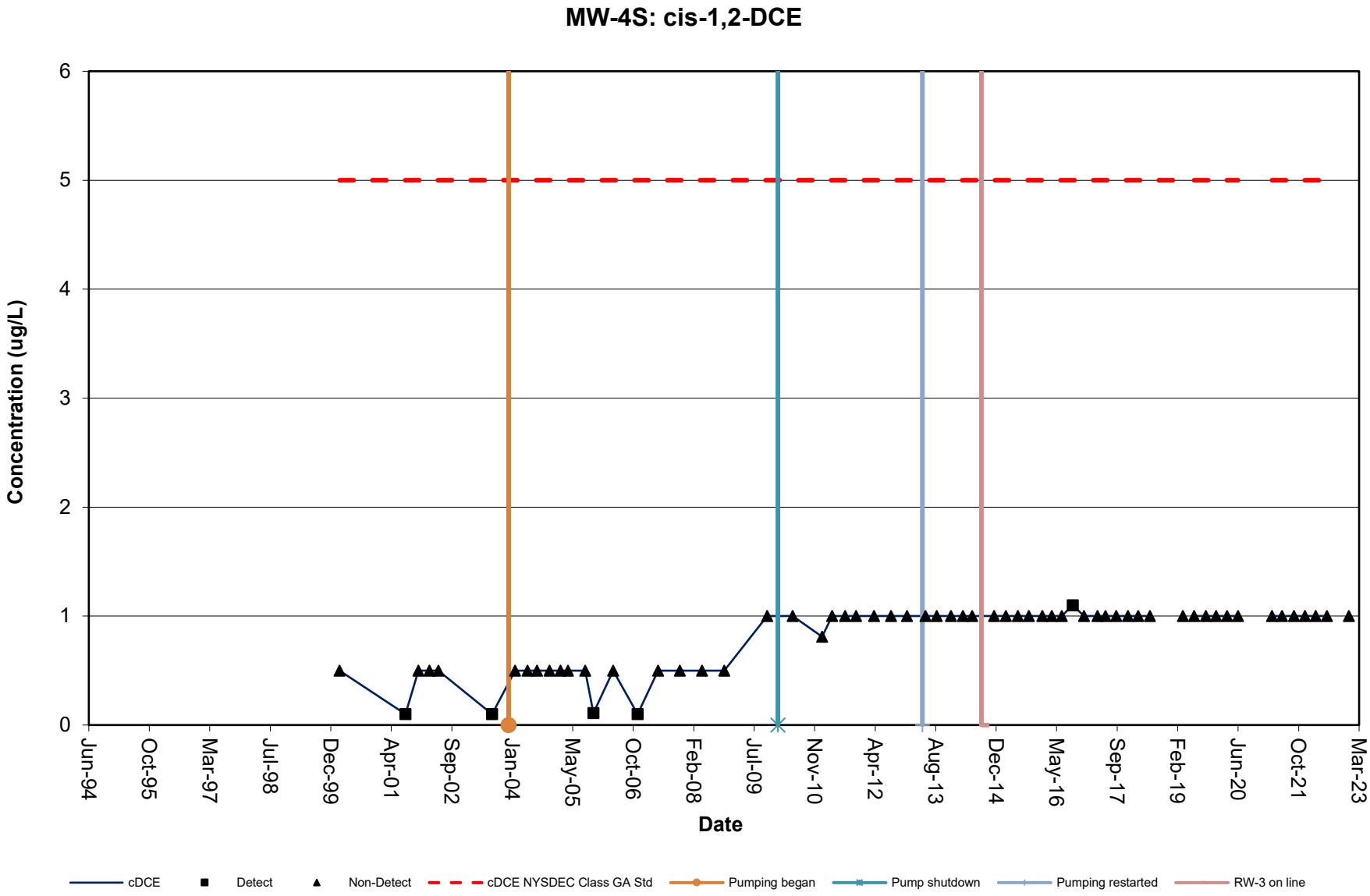
List Source: Eurofins Buffalo

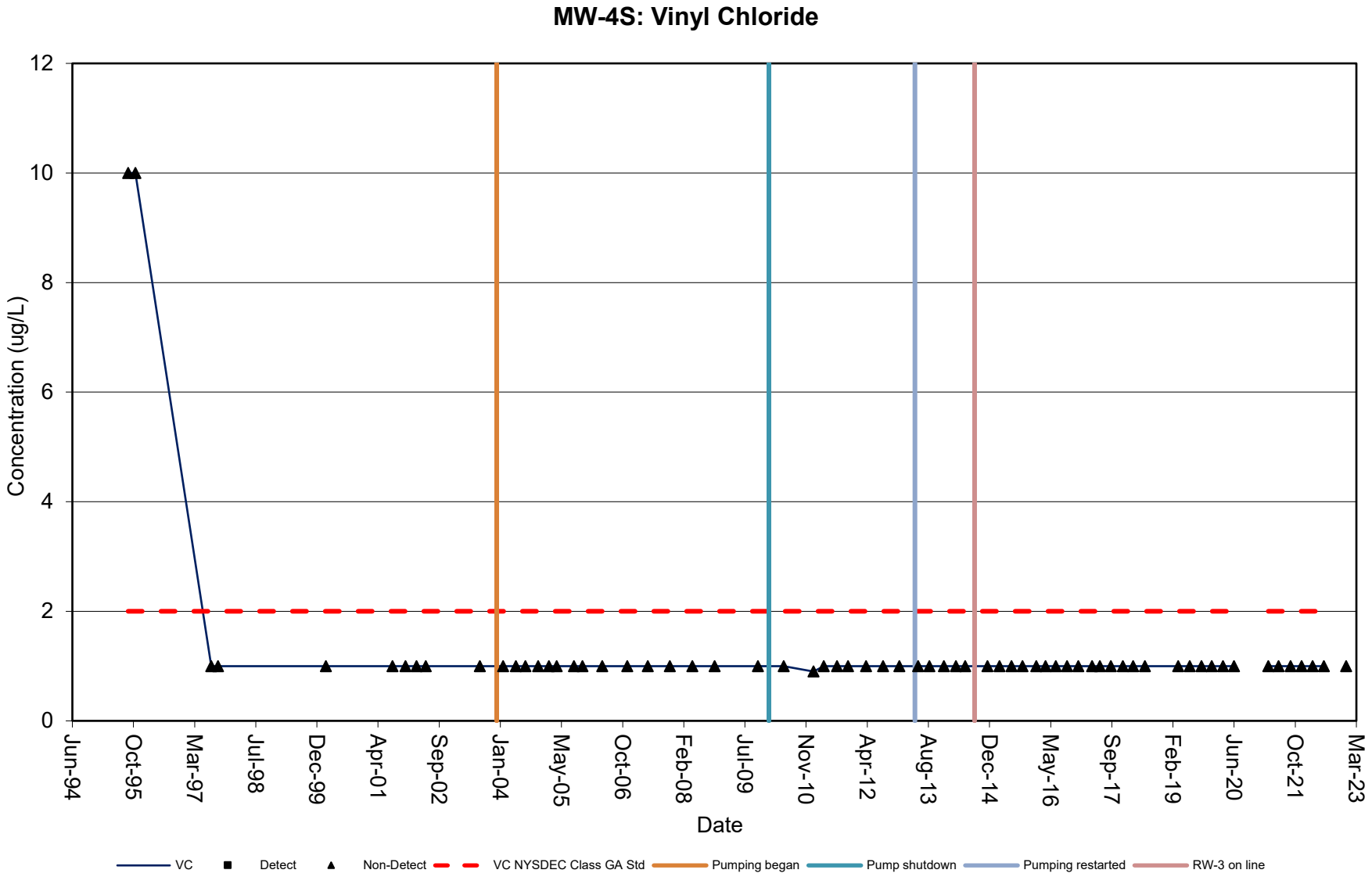
Question	Answer	Comment
Radioactivity either was not measured or, if measured, is at or below background	True	
The cooler's custody seal, if present, is intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	3.1 #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	

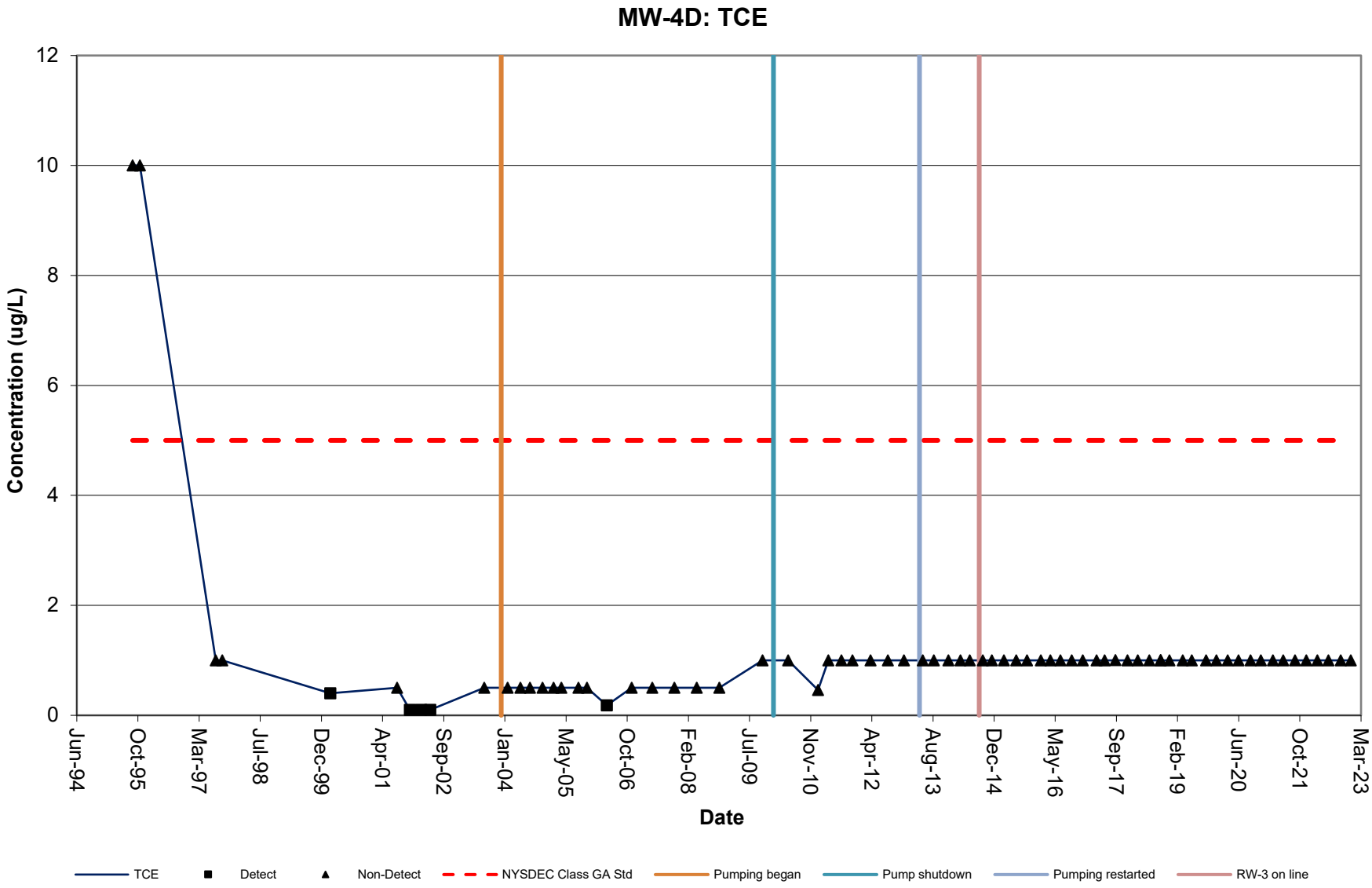
APPENDIX **D**

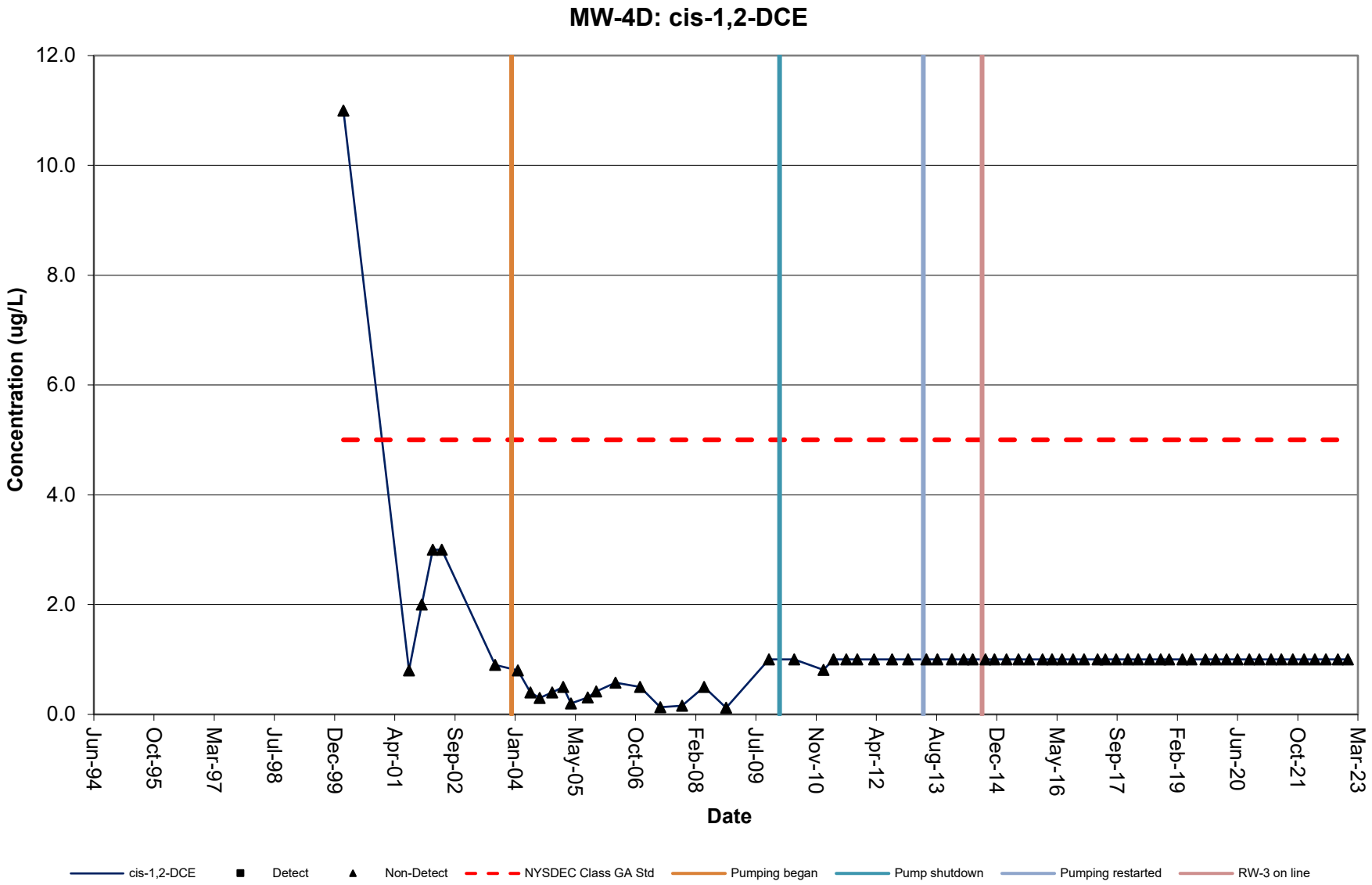
CONCENTRATION TRENDS

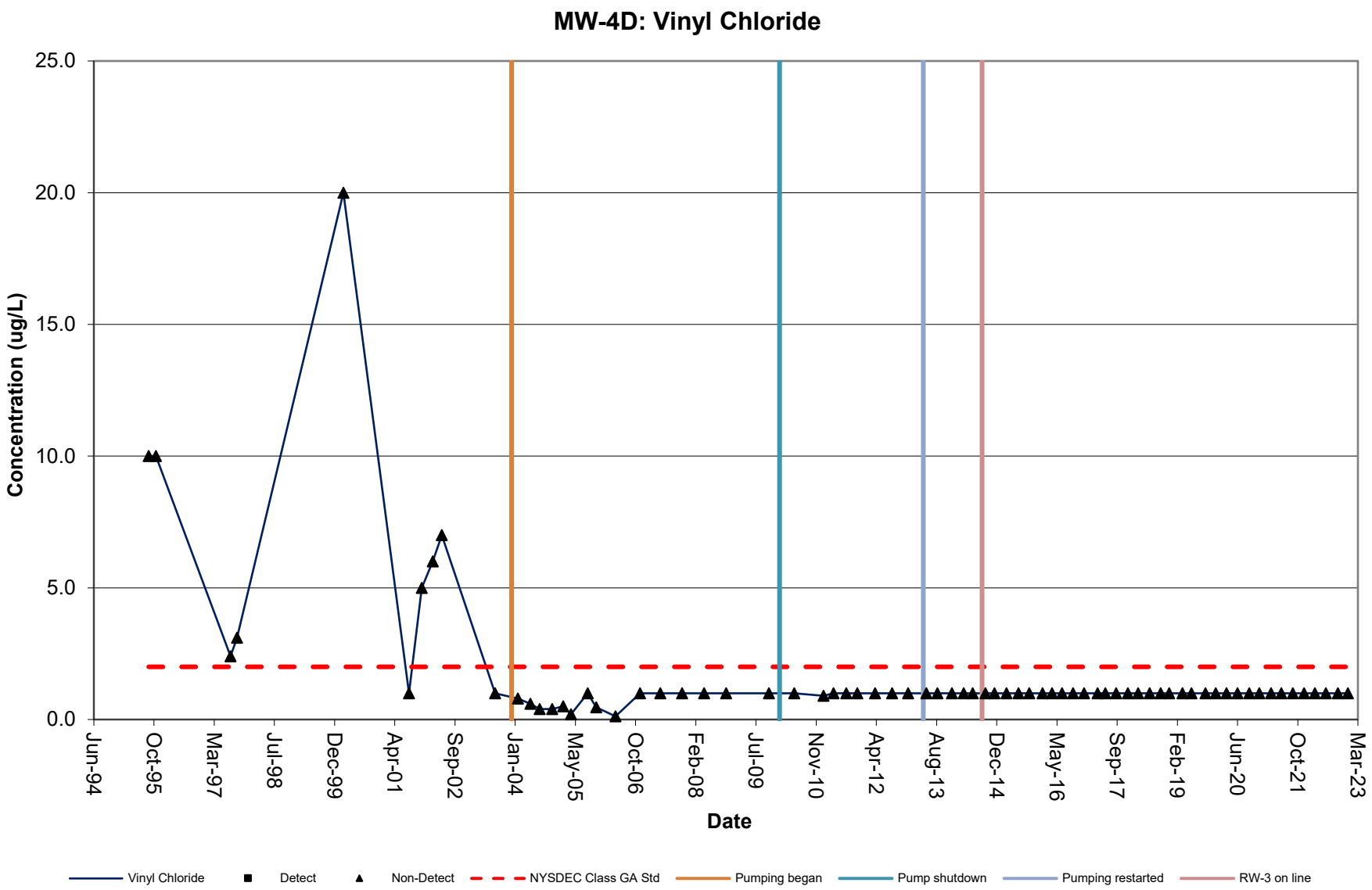

MW-4S: TCE
Concentration (ug/L)
12
10
8
6
4
2
0
Jun-94
Oct-95
Mar-97
Jul-98
Dec-99
Apr-01
Sep-02
Jan-04
May-05
Oct-06
Feb-08
Jul-09
Nov-10
Apr-12
Aug-13
Dec-14
May-16
Sep-17
Feb-19
Jun-20
Oct-21
Mar-23
Date
TCE
Detect
Non-Detect
TCE NYSDEC Class GA Std
Pumping began
Pump shutdown
Pumping restarted
RW-3 on line

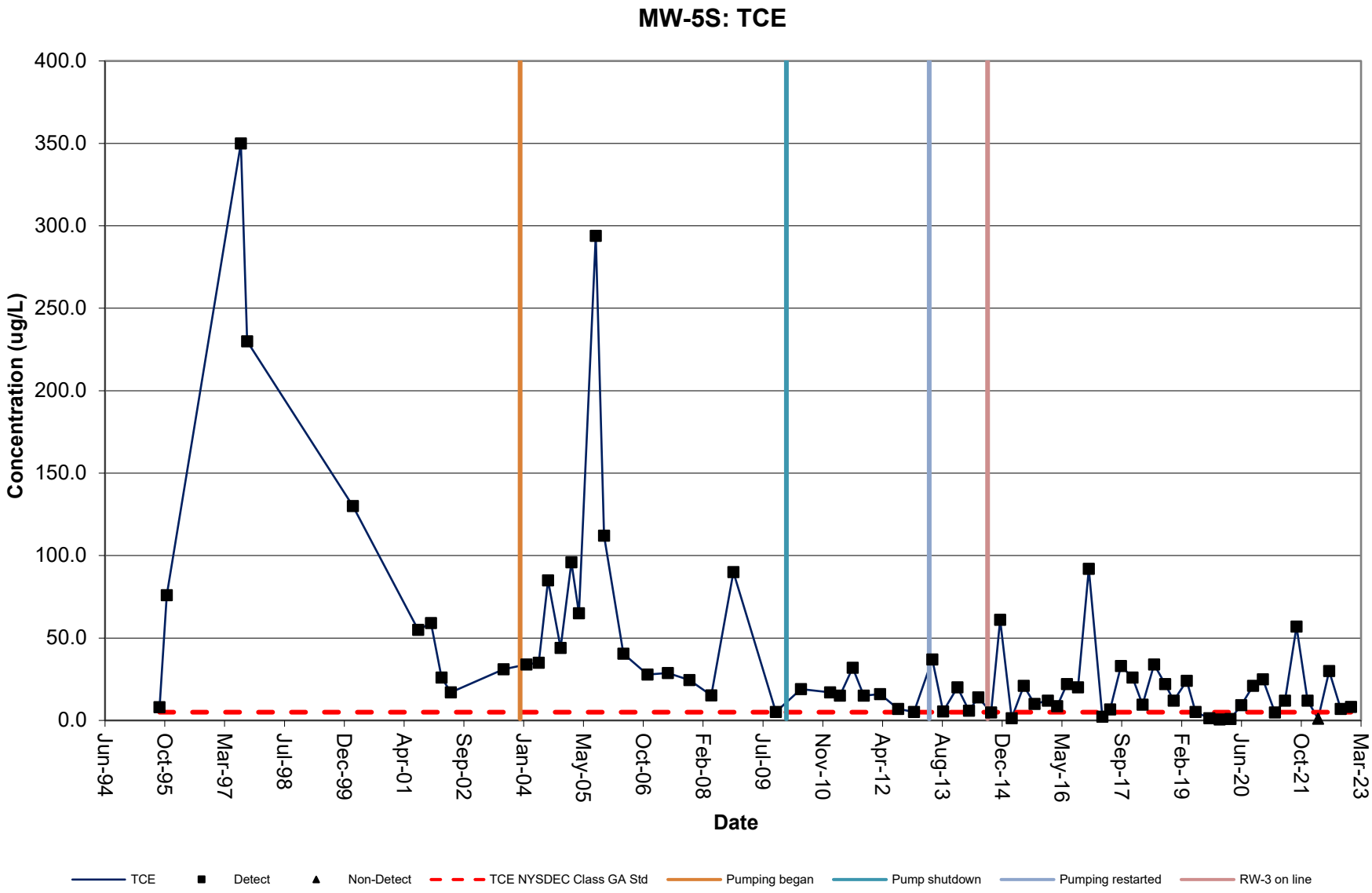

MW-4S: cis-1,2-DCE
Concentration (ug/L)
0
1
2
3
4
5
6
Jun-94
Oct-95
Mar-97
Jul-98
Dec-99
Apr-01
Sep-02
Jan-04
May-05
Oct-06
Feb-08
Jul-09
Nov-10
Apr-12
Aug-13
Dec-14
May-16
Sep-17
Feb-19
Jun-20
Oct-21
Mar-23
Date
cDCE
Detect
Non-Detect
cDCE NYSDEC Class GA Std
Pumping began
Pump shutdown
Pumping restarted
RW-3 on line

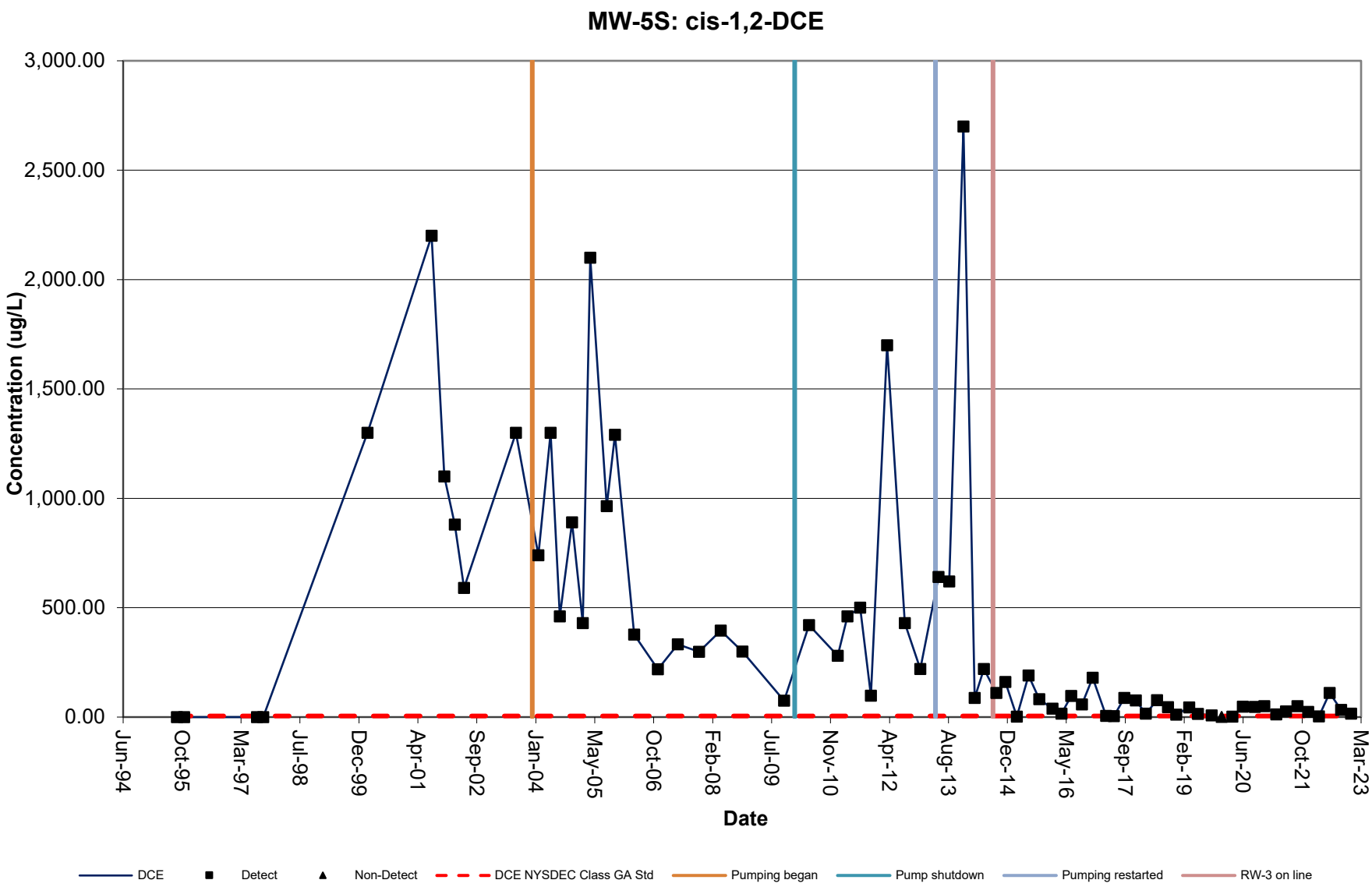

MW-4S: Vinyl Chloride
Concentration (ug/L)
0
2
4
6
8
10
12
Jun-94
Oct-95
Mar-97
Jul-98
Dec-99
Apr-01
Sep-02
Jan-04
May-05
Oct-06
Feb-08
Jul-09
Nov-10
Apr-12
Aug-13
Dec-14
May-16
Sep-17
Feb-19
Jun-20
Oct-21
Mar-23
Date
VC
Detect
Non-Detect
VC NYSDEC Class GA Std
Pumping began
Pump shutdown
Pumping restarted
RW-3 on line

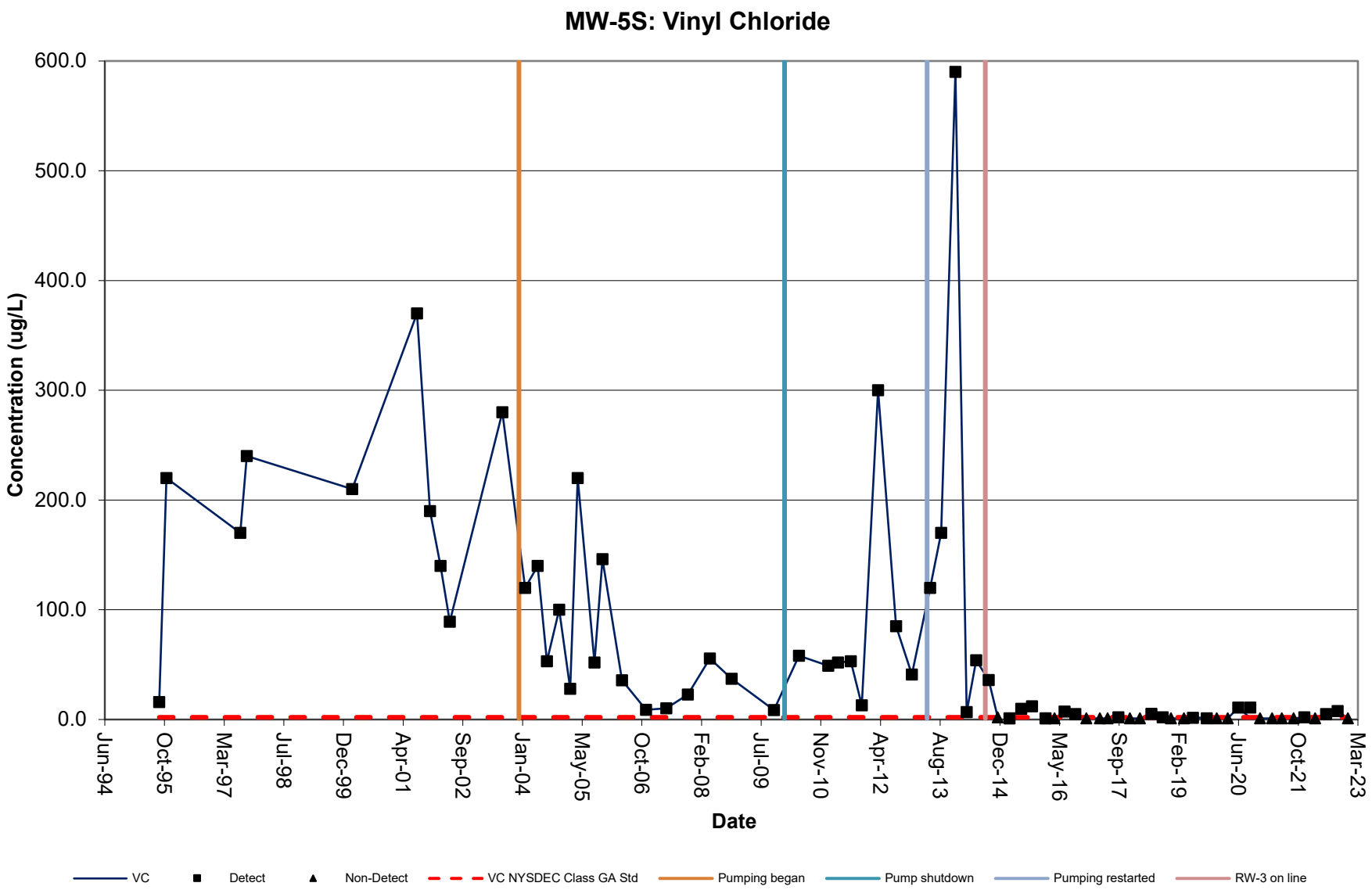

MW-4D: TCE
Concentration (ug/L)
12
10
8
6
4
2
0
Jun-94
Oct-95
Mar-97
Jul-98
Dec-99
Apr-01
Sep-02
Jan-04
May-05
Oct-06
Feb-08
Jul-09
Nov-10
Apr-12
Aug-13
Dec-14
May-16
Sep-17
Feb-19
Jun-20
Oct-21
Mar-23
Date
TCE
Detect
Non-Detect
NYSDEC Class GA Std
Pumping began
Pump shutdown
Pumping restarted
RW-3 on line

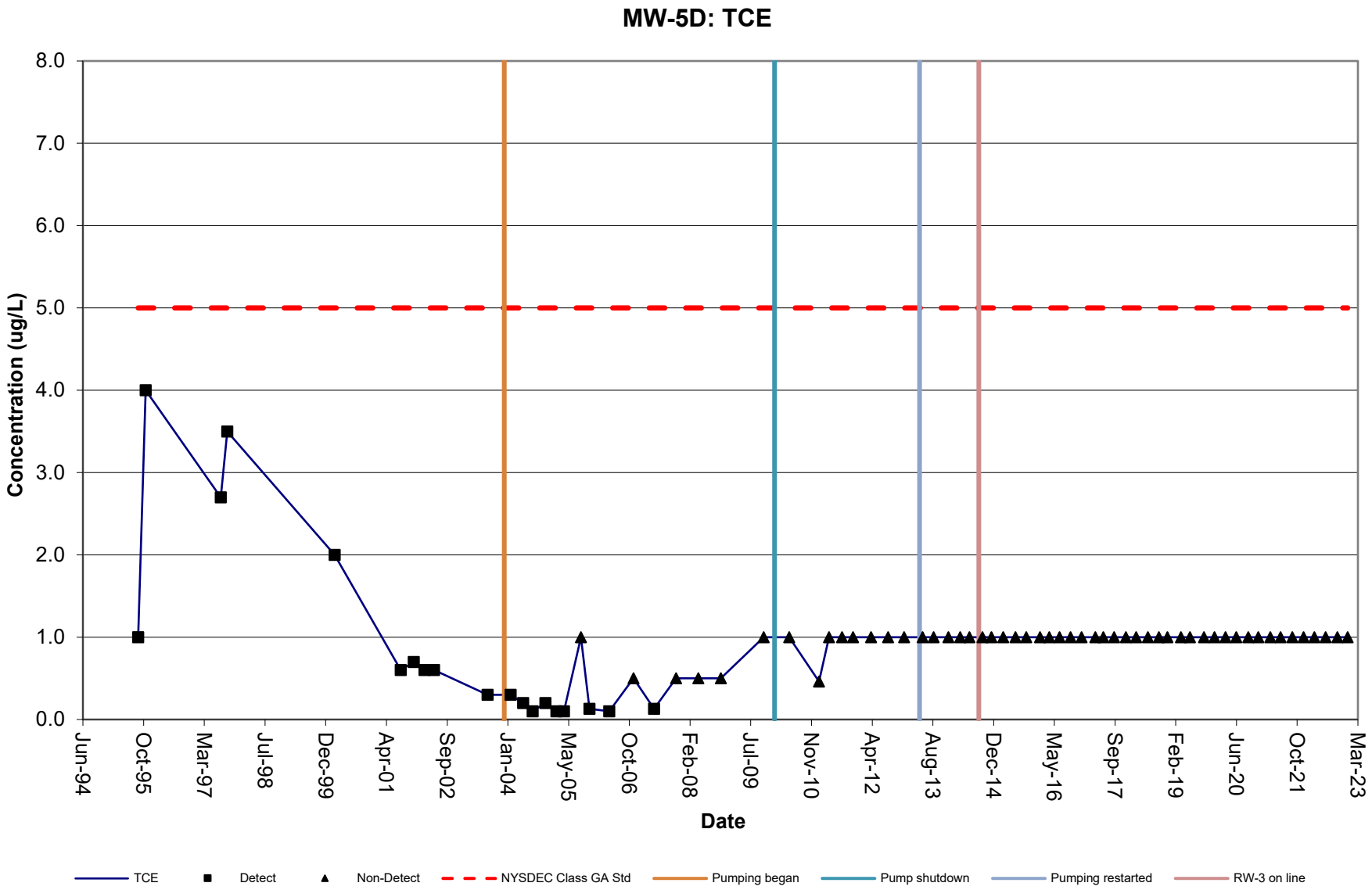

MW-4D: cis-1,2-DCE
Concentration (ug/L)
12.0
10.0
8.0
6.0
4.0
2.0
0.0
Jun-94
Oct-95
Mar-97
Jul-98
Dec-99
Apr-01
Sep-02
Jan-04
May-05
Oct-06
Feb-08
Jul-09
Nov-10
Apr-12
Aug-13
Dec-14
May-16
Sep-17
Feb-19
Jun-20
Oct-21
Mar-23
Date
cis-1,2-DCE
Detect
Non-Detect
NYSDEC Class GA Std
Pumping began
Pump shutdown
Pumping restarted
RW-3 on line

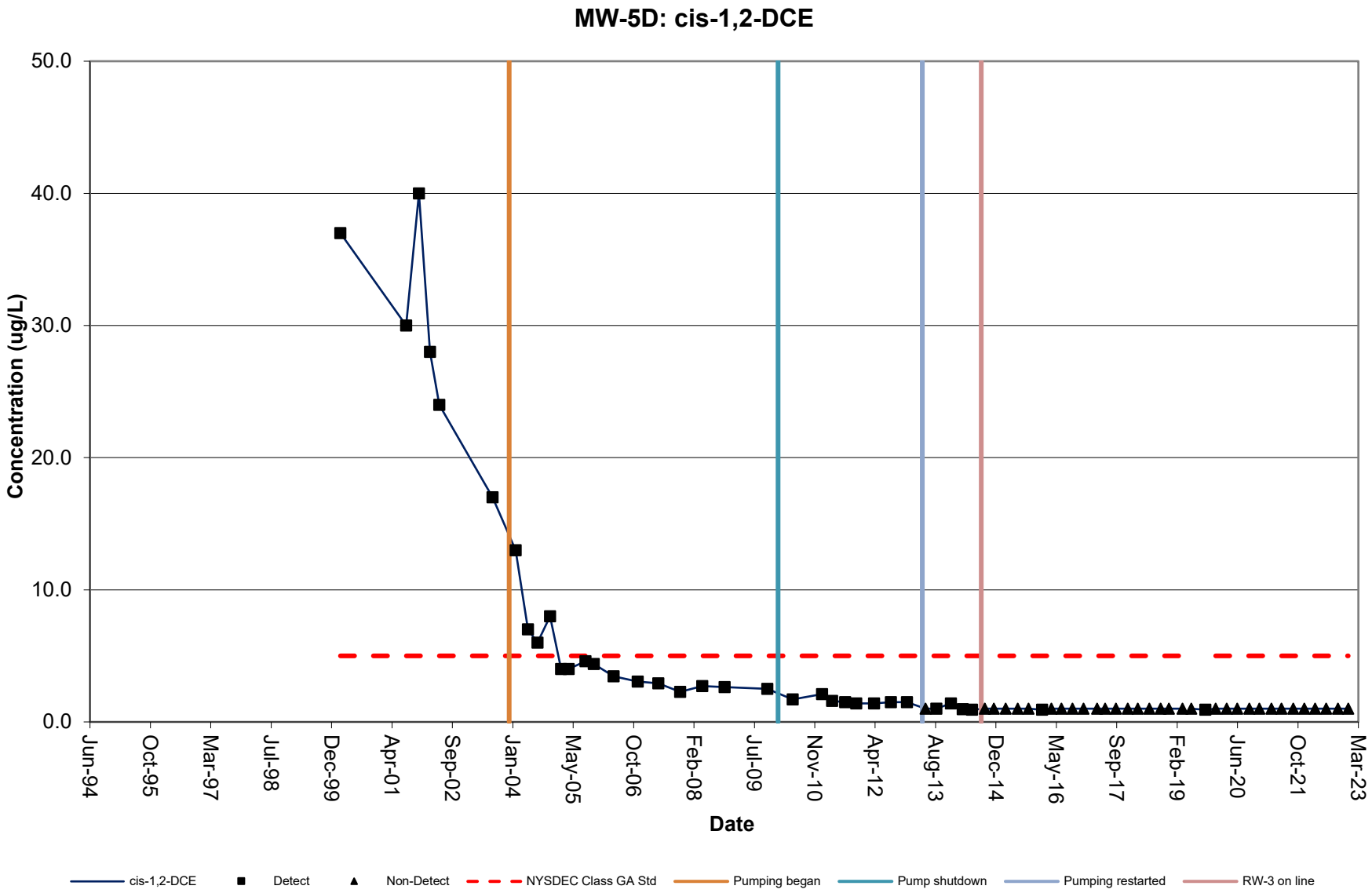

MW-4D: Vinyl Chloride
Concentration (ug/L)
25.0
20.0
15.0
10.0
5.0
0.0
Jun-94
Oct-95
Mar-97
Jul-98
Dec-99
Apr-01
Sep-02
Jan-04
May-05
Oct-06
Feb-08
Jul-09
Nov-10
Apr-12
Aug-13
Dec-14
May-16
Sep-17
Feb-19
Jun-20
Oct-21
Mar-23
Date
Vinyl Chloride
Detect
Non-Detect
NYSDEC Class GA Std
Pumping began
Pump shutdown
Pumping restarted
RW-3 on line

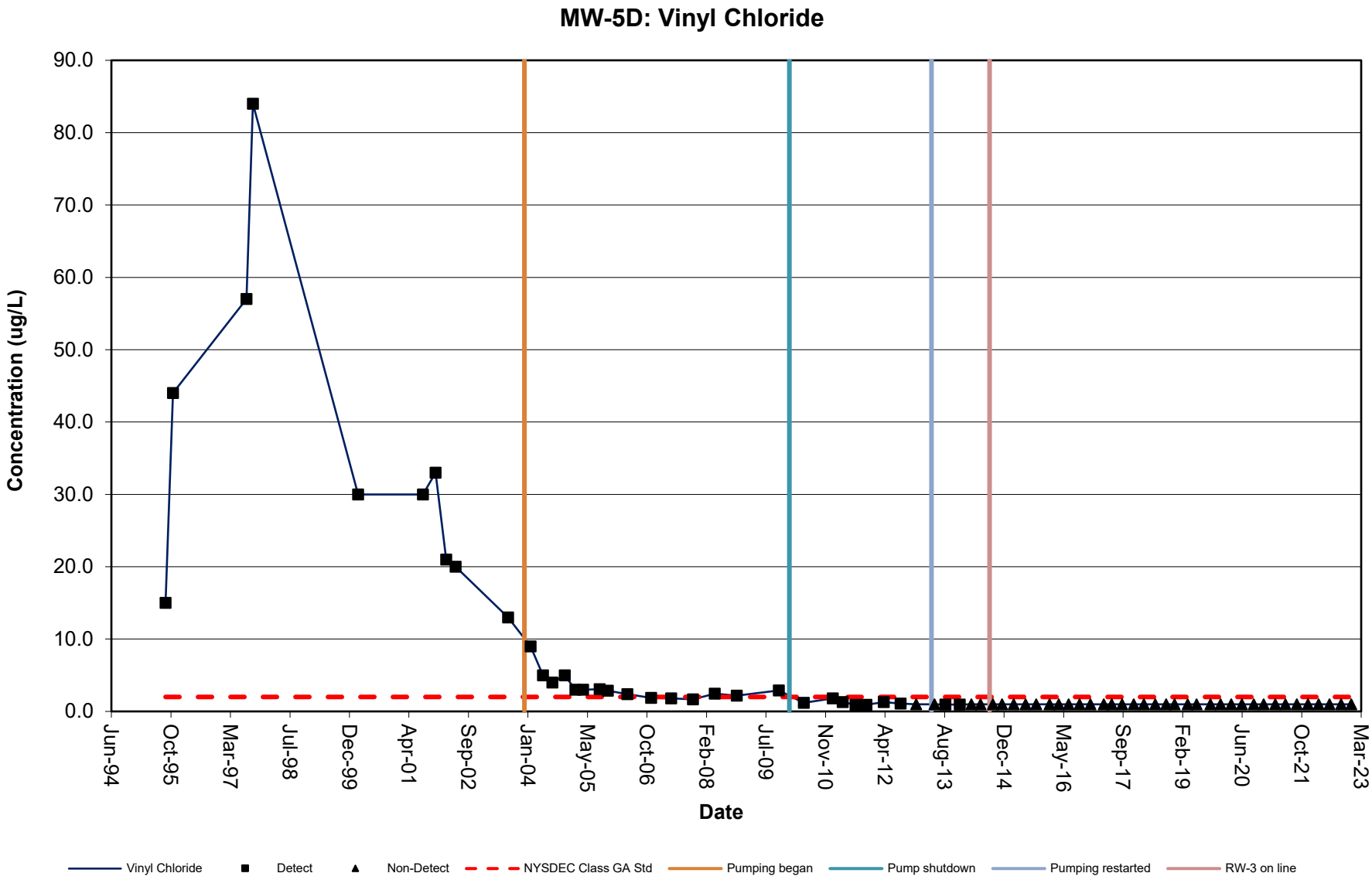

MW-5S: TCE
Concentration (ug/L)
400.0
350.0
300.0
250.0
200.0
150.0
100.0
50.0
0.0
Jun-94
Oct-95
Mar-97
Jul-98
Dec-99
Apr-01
Sep-02
Jan-04
May-05
Oct-06
Feb-08
Jul-09
Nov-10
Apr-12
Aug-13
Dec-14
May-16
Sep-17
Feb-19
Jun-20
Oct-21
Mar-23
Date
TCE
Detect
Non-Detect
TCE NYSDEC Class GA Std
Pumping began
Pump shutdown
Pumping restarted
RW-3 on line

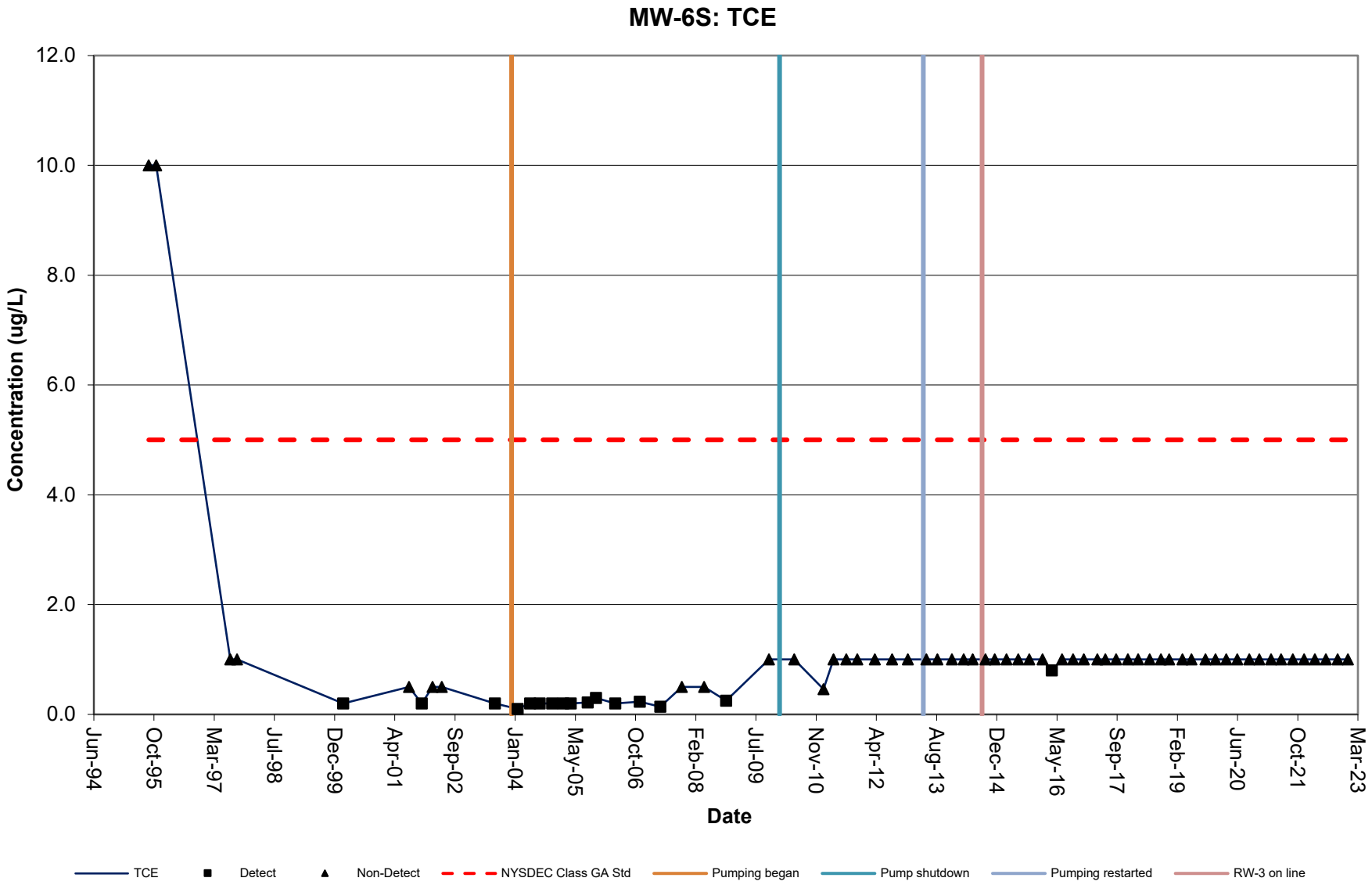

MW-5S: cis-1,2-DCE
Concentration (ug/L)
3,000.00
2,500.00
2,000.00
1,500.00
1,000.00
500.00
0.00
Jun-94
Oct-95
Mar-97
Jul-98
Dec-99
Apr-01
Sep-02
Jan-04
May-05
Oct-06
Feb-08
Jul-09
Nov-10
Apr-12
Aug-13
Dec-14
May-16
Sep-17
Feb-19
Jun-20
Oct-21
Mar-23
Date
DCE
Detect
Non-Detect
DCE NYSDEC Class GA Std
Pumping began
Pump shutdown
Pumping restarted
RW-3 on line

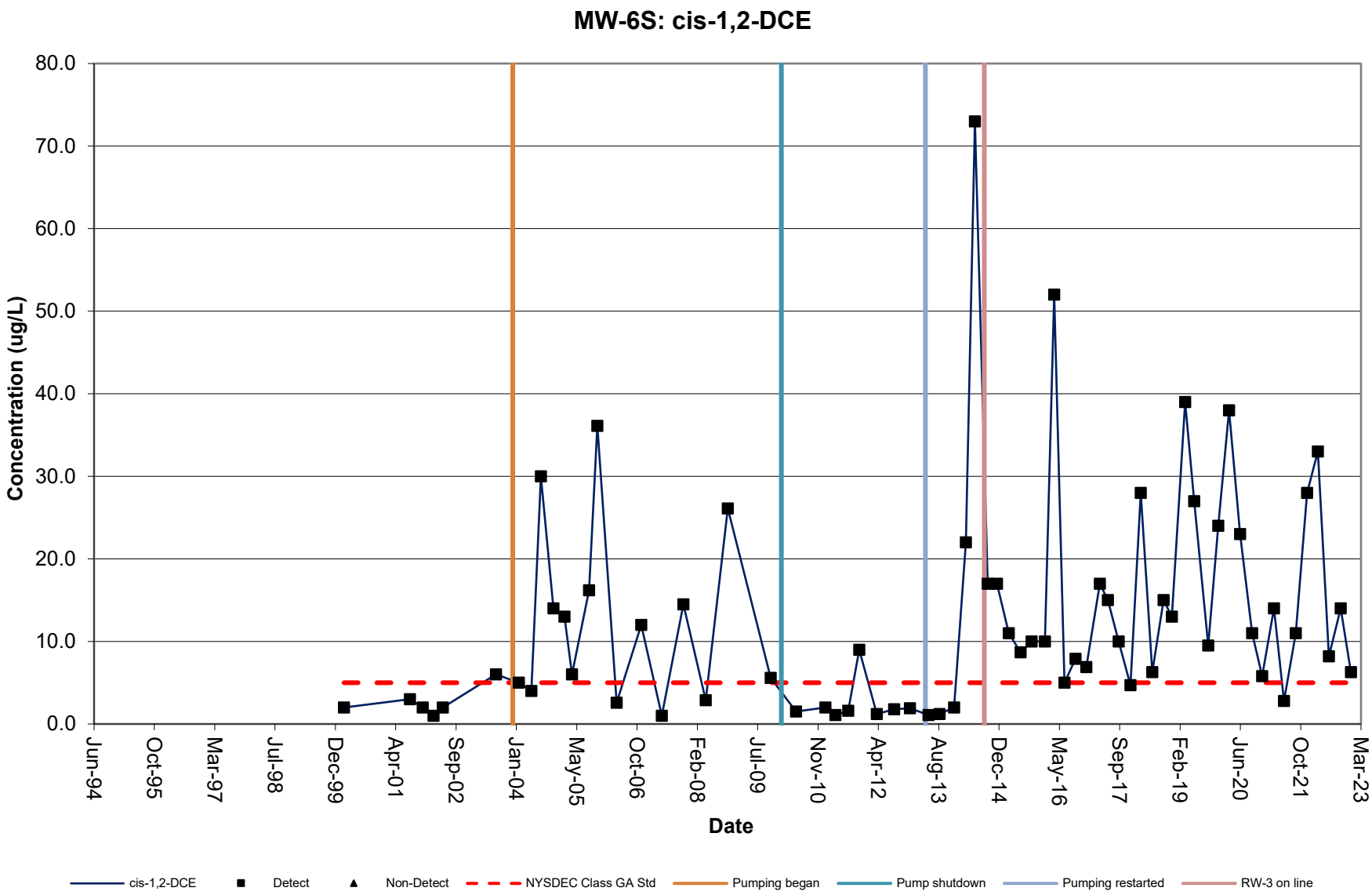

MW-5S: Vinyl Chloride
Concentration (ug/L)
600.0
500.0
400.0
300.0
200.0
100.0
0.0
Jun-94
Oct-95
Mar-97
Jul-98
Dec-99
Apr-01
Sep-02
Jan-04
May-05
Oct-06
Feb-08
Jul-09
Nov-10
Apr-12
Aug-13
Dec-14
May-16
Sep-17
Feb-19
Jun-20
Oct-21
Mar-23
Date
VC
Detect
Non-Detect
VC NYSDEC Class GA Std
Pumping began
Pump shutdown
Pumping restarted
RW-3 on line

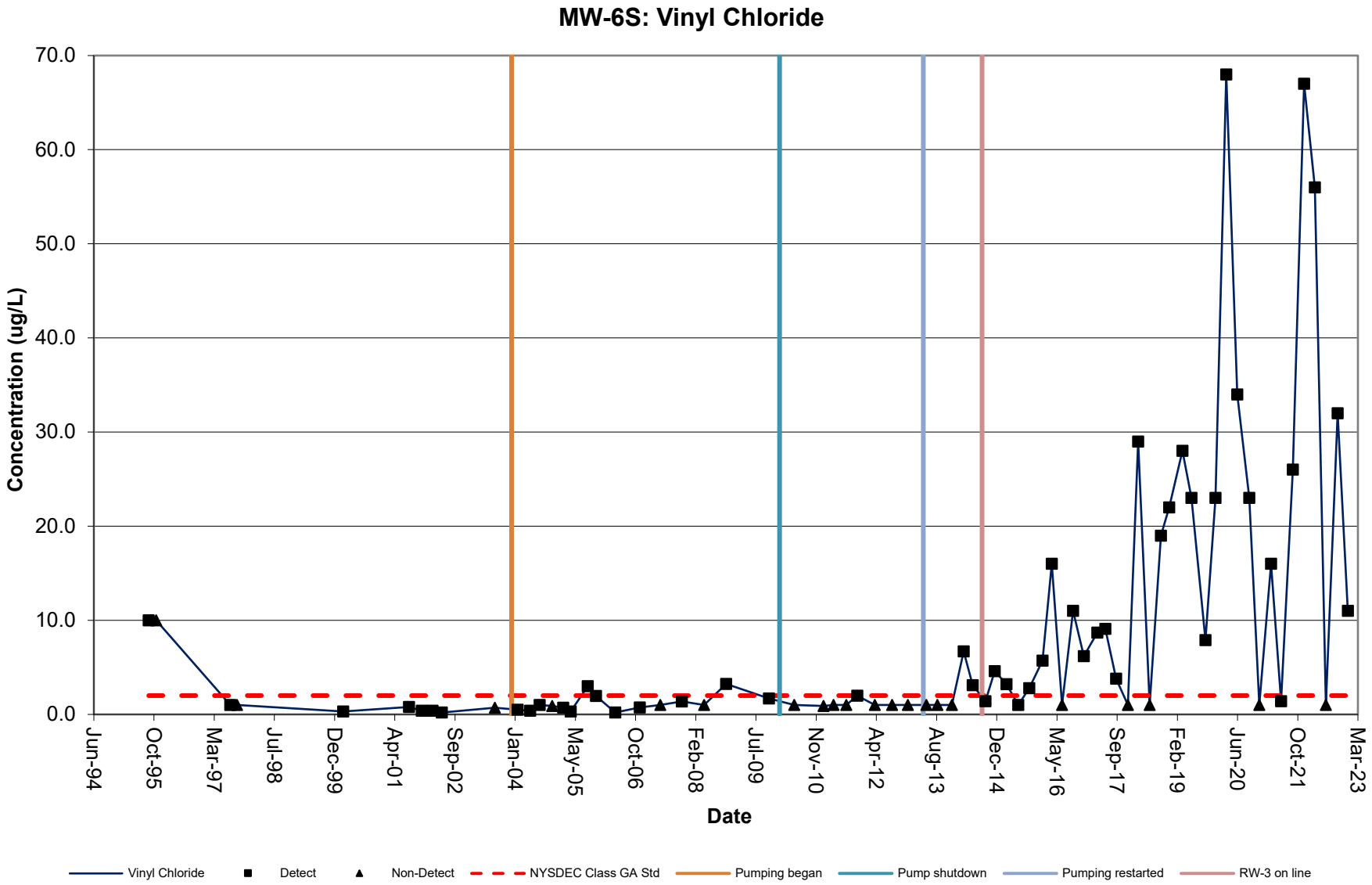

MW-5D: TCE
Concentration (ug/L)
8.0
7.0
6.0
5.0
4.0
3.0
2.0
1.0
0.0
Jun-94
Oct-95
Mar-97
Jul-98
Dec-99
Apr-01
Sep-02
Jan-04
May-05
Oct-06
Feb-08
Jul-09
Nov-10
Apr-12
Aug-13
Dec-14
May-16
Sep-17
Feb-19
Jun-20
Oct-21
Mar-23
Date
TCE
Detect
Non-Detect
NYSDEC Class GA Std
Pumping began
Pump shutdown
Pumping restarted
RW-3 on line

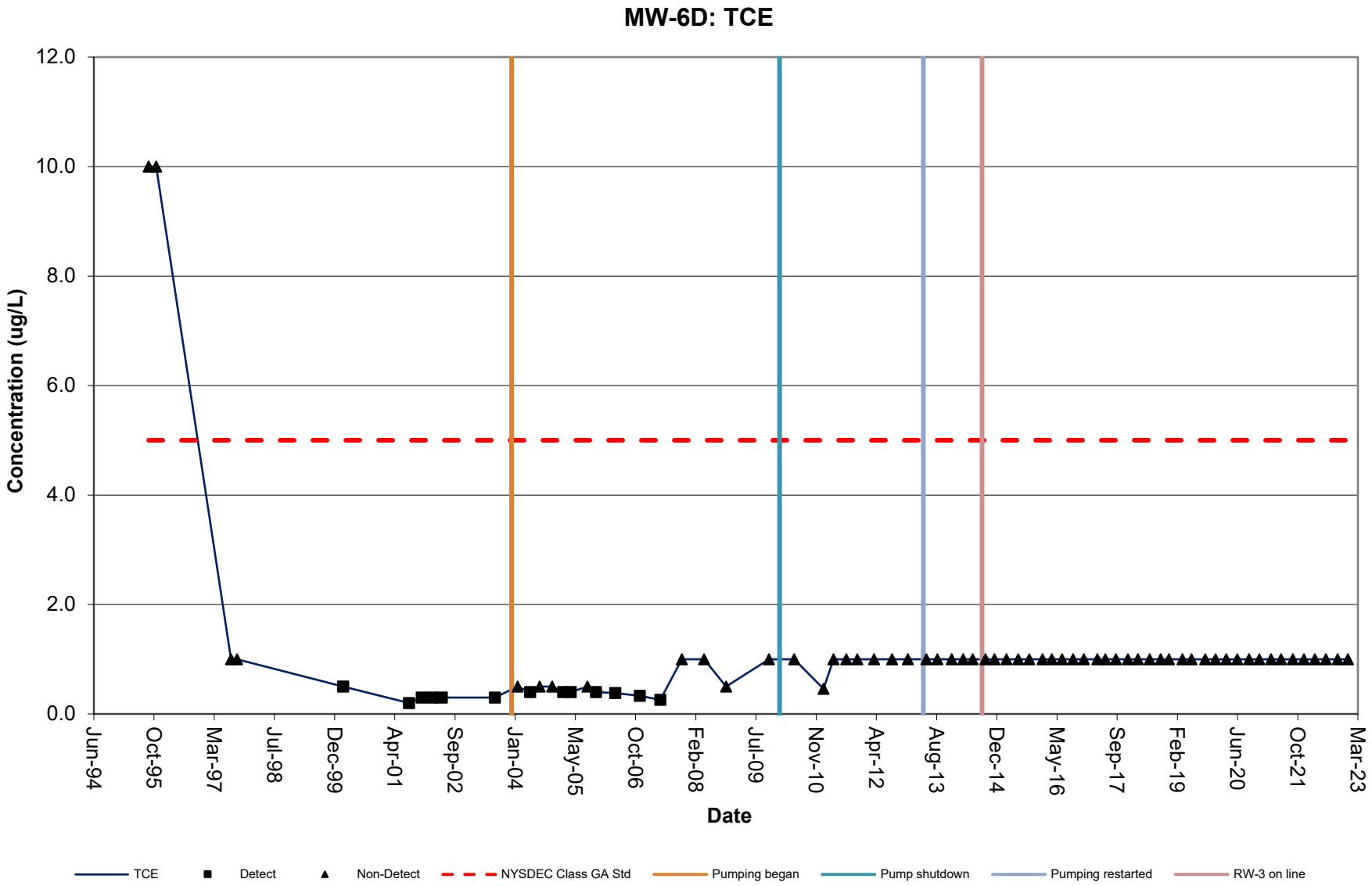

MW-5D: cis-1,2-DCE
Concentration (ug/L)
50.0
40.0
30.0
20.0
10.0
0.0
Jun-94
Oct-95
Mar-97
Jul-98
Dec-99
Apr-01
Sep-02
Jan-04
May-05
Oct-06
Feb-08
Jul-09
Nov-10
Apr-12
Aug-13
Dec-14
May-16
Sep-17
Feb-19
Jun-20
Oct-21
Mar-23
Date
cis-1,2-DCE
Detect
Non-Detect
NYSDEC Class GA Std
Pumping began
Pump shutdown
Pumping restarted
RW-3 on line

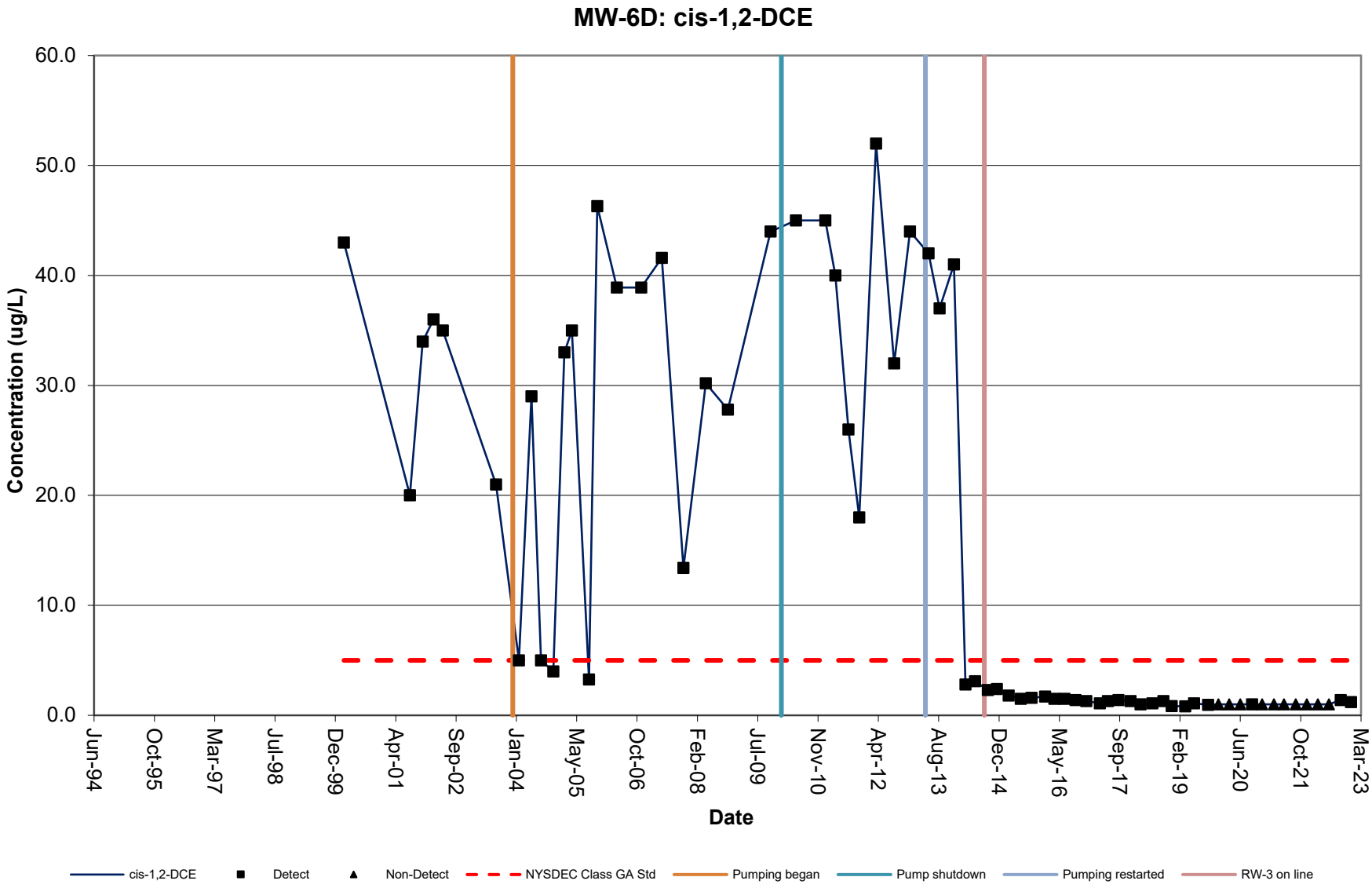

MW-5D: Vinyl Chloride
Concentration (ug/L)
90.0
80.0
70.0
60.0
50.0
40.0
30.0
20.0
10.0
0.0
Jun-94
Oct-95
Mar-97
Jul-98
Dec-99
Apr-01
Sep-02
Jan-04
May-05
Oct-06
Feb-08
Jul-09
Nov-10
Apr-12
Aug-13
Dec-14
May-16
Sep-17
Feb-19
Jun-20
Oct-21
Mar-23
Date
Vinyl Chloride
Detect
Non-Detect
NYSDEC Class GA Std
Pumping began
Pump shutdown
Pumping restarted
RW-3 on line

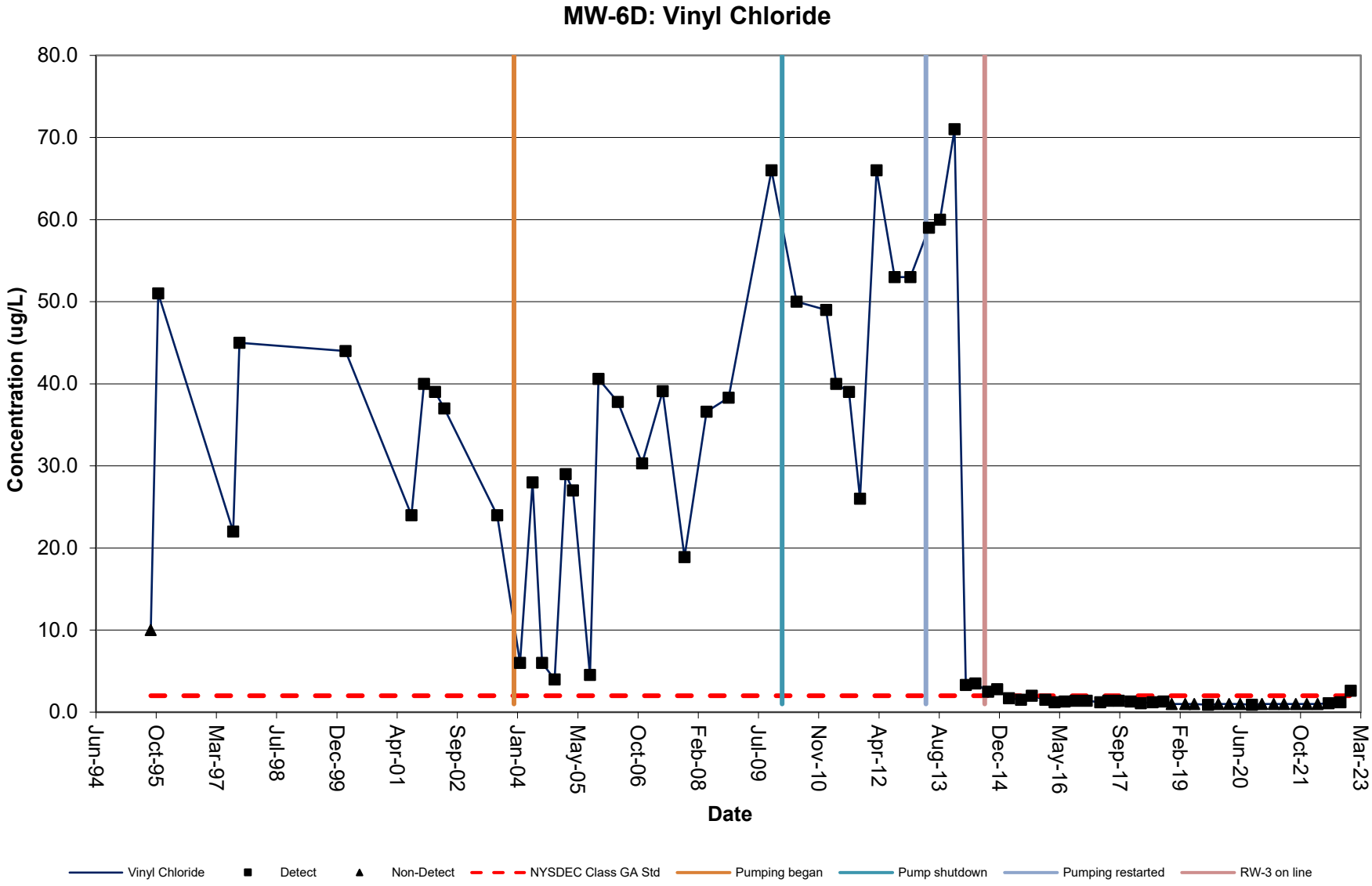

MW-6S: TCE
Concentration (ug/L)
12.0
10.0
8.0
6.0
4.0
2.0
0.0
Jun-94
Oct-95
Mar-97
Jul-98
Dec-99
Apr-01
Sep-02
Jan-04
May-05
Oct-06
Feb-08
Jul-09
Nov-10
Apr-12
Aug-13
Dec-14
May-16
Sep-17
Feb-19
Jun-20
Oct-21
Mar-23
Date
TCE
Detect
Non-Detect
NYSDEC Class GA Std
Pumping began
Pump shutdown
Pumping restarted
RW-3 on line

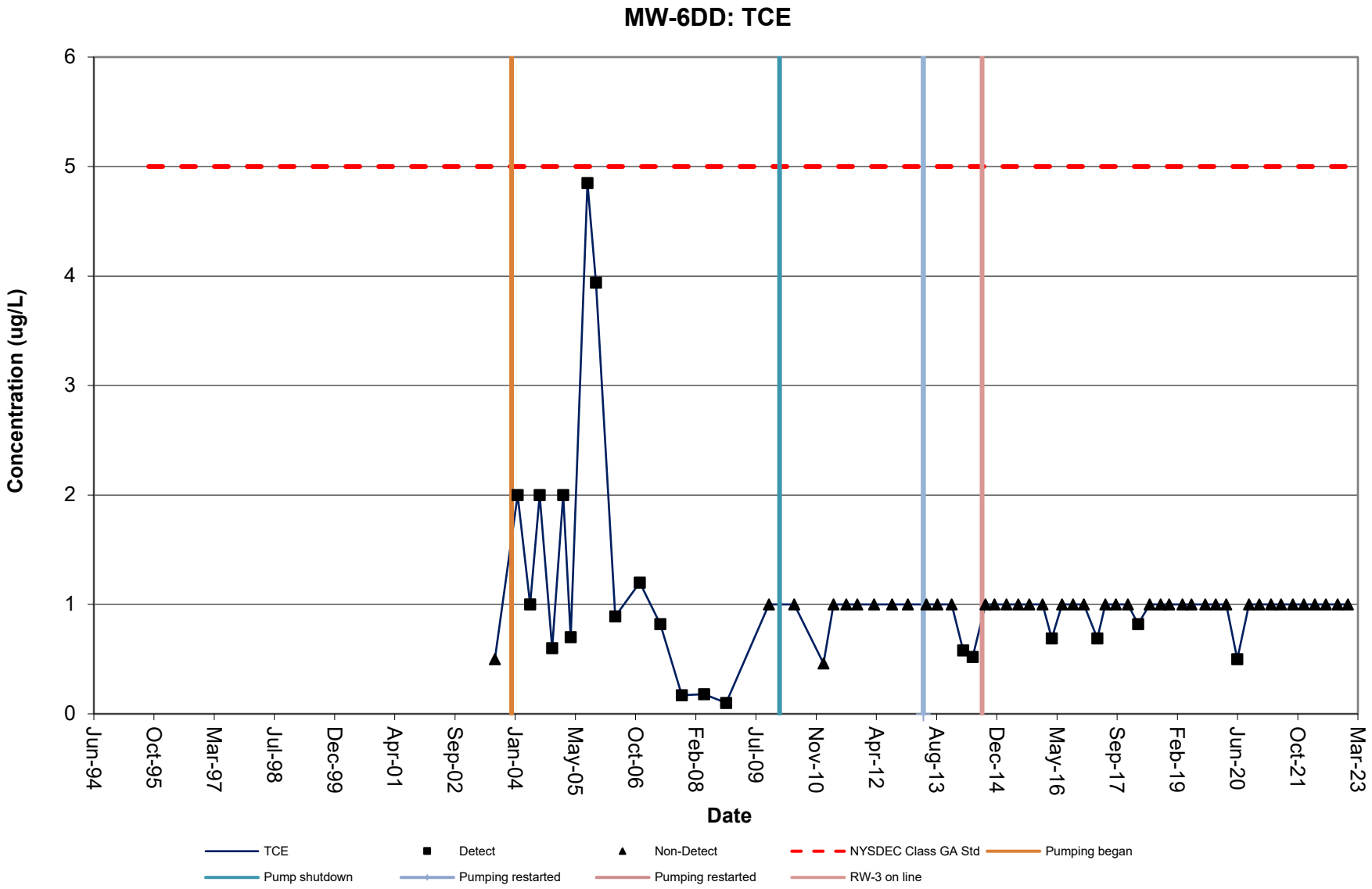

MW-6S: cis-1,2-DCE
Concentration (ug/L)
80.0
70.0
60.0
50.0
40.0
30.0
20.0
10.0
0.0
Jun-94
Oct-95
Mar-97
Jul-98
Dec-99
Apr-01
Sep-02
Jan-04
May-05
Oct-06
Feb-08
Jul-09
Nov-10
Apr-12
Aug-13
Dec-14
May-16
Sep-17
Feb-19
Jun-20
Oct-21
Mar-23
Date
cis-1,2-DCE
Detect
Non-Detect
NYSDEC Class GA Std
Pumping began
Pump shutdown
Pumping restarted
RW-3 on line

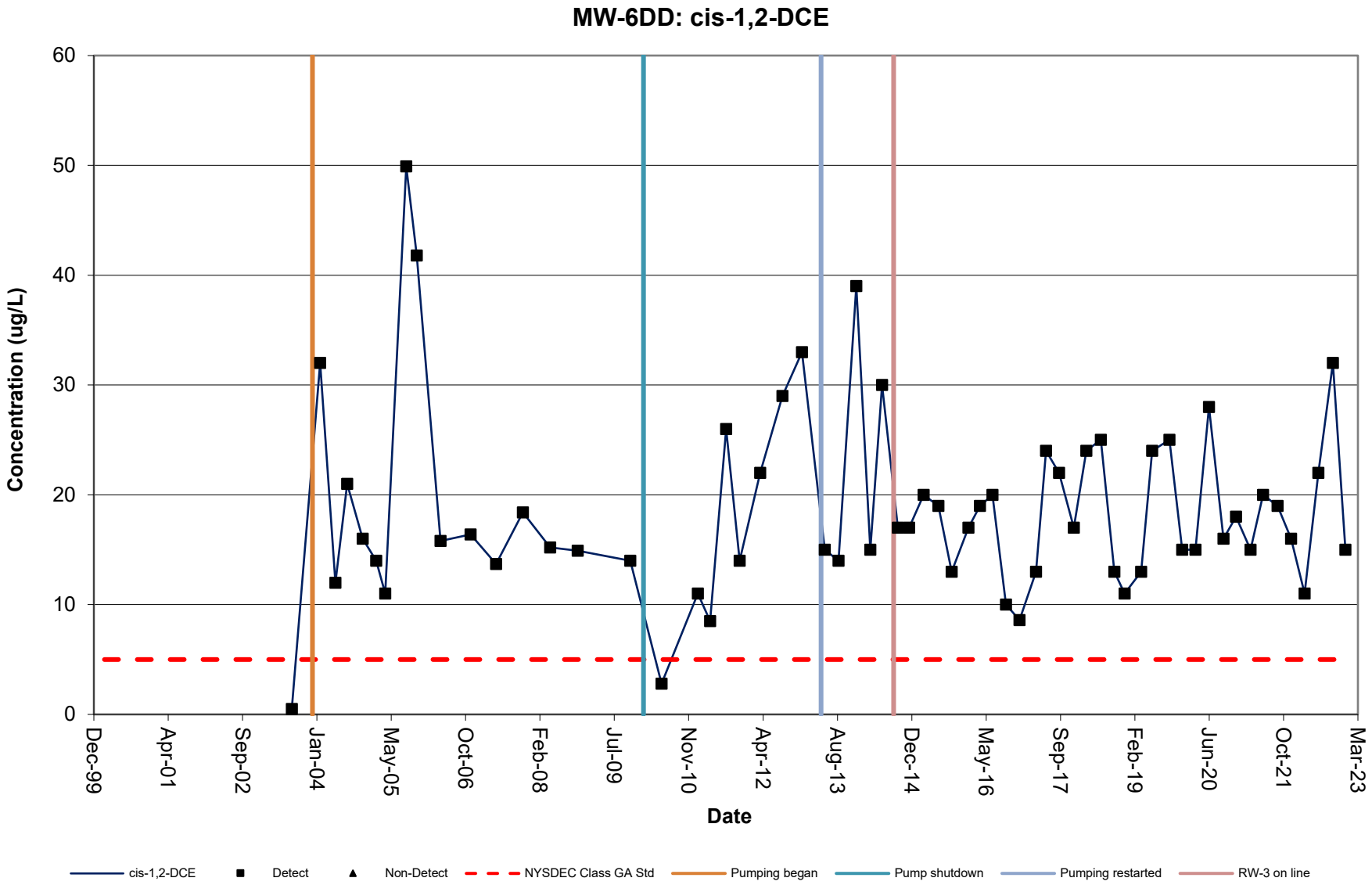

MW-6S: Vinyl Chloride
Concentration (ug/L)
70.0
60.0
50.0
40.0
30.0
20.0
10.0
0.0
Jun-94
Oct-95
Mar-97
Jul-98
Dec-99
Apr-01
Sep-02
Jan-04
May-05
Oct-06
Feb-08
Jul-09
Nov-10
Apr-12
Aug-13
Dec-14
May-16
Sep-17
Feb-19
Jun-20
Oct-21
Mar-23
Date
Vinyl Chloride
Detect
Non-Detect
NYSDEC Class GA Std
Pumping began
Pump shutdown
Pumping restarted
RW-3 on line

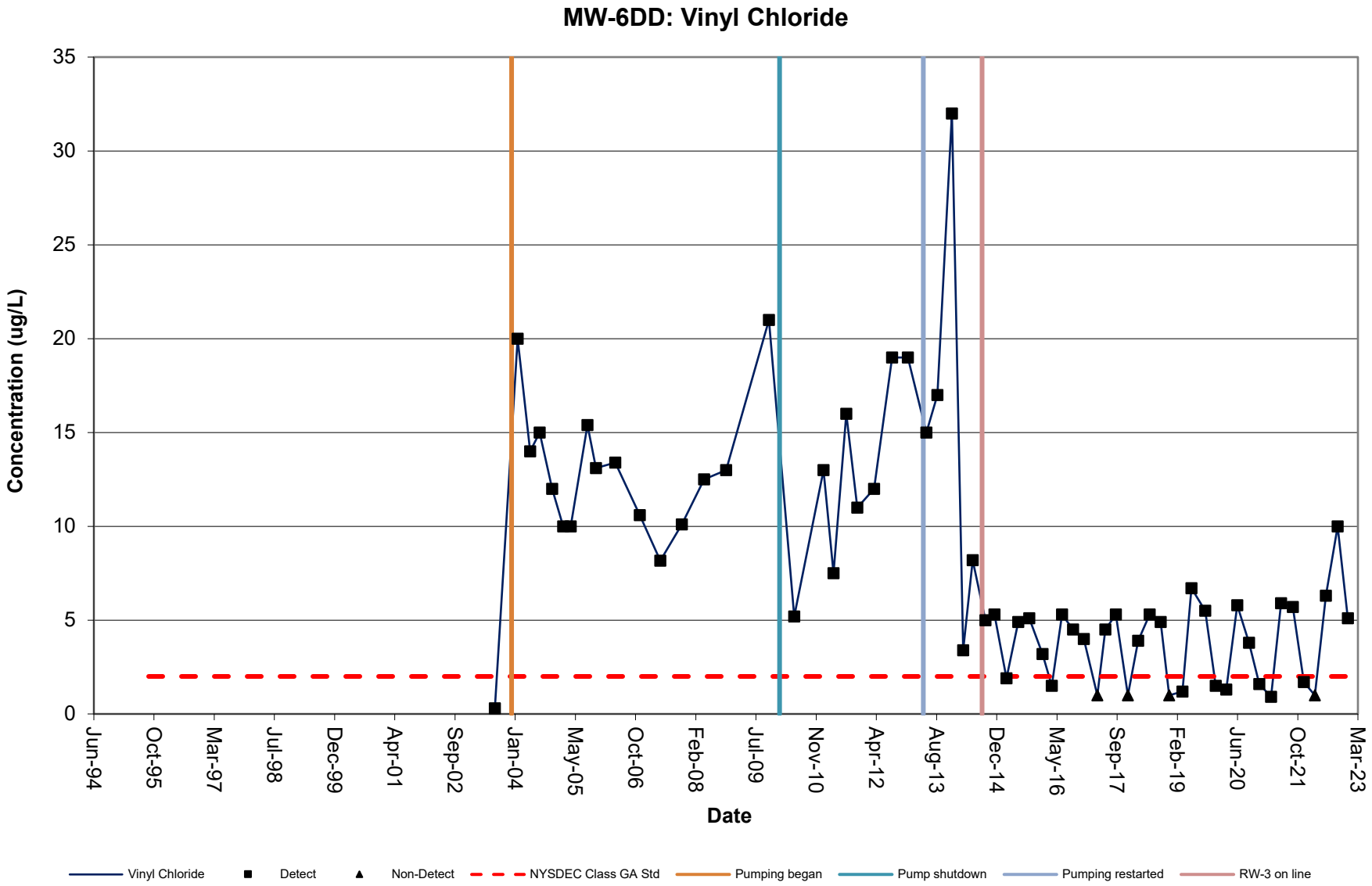

MW-6D: TCE
Concentration (ug/L)
12.0
10.0
8.0
6.0
4.0
2.0
0.0
Jun-94
Oct-95
Mar-97
Jul-98
Dec-99
Apr-01
Sep-02
Jan-04
May-05
Oct-06
Feb-08
Jul-09
Nov-10
Apr-12
Aug-13
Dec-14
May-16
Sep-17
Feb-19
Jun-20
Oct-21
Mar-23
Date
TCE
Detect
Non-Detect
NYSDEC Class GA Std
Pumping began
Pump shutdown
Pumping restarted
RW-3 on line

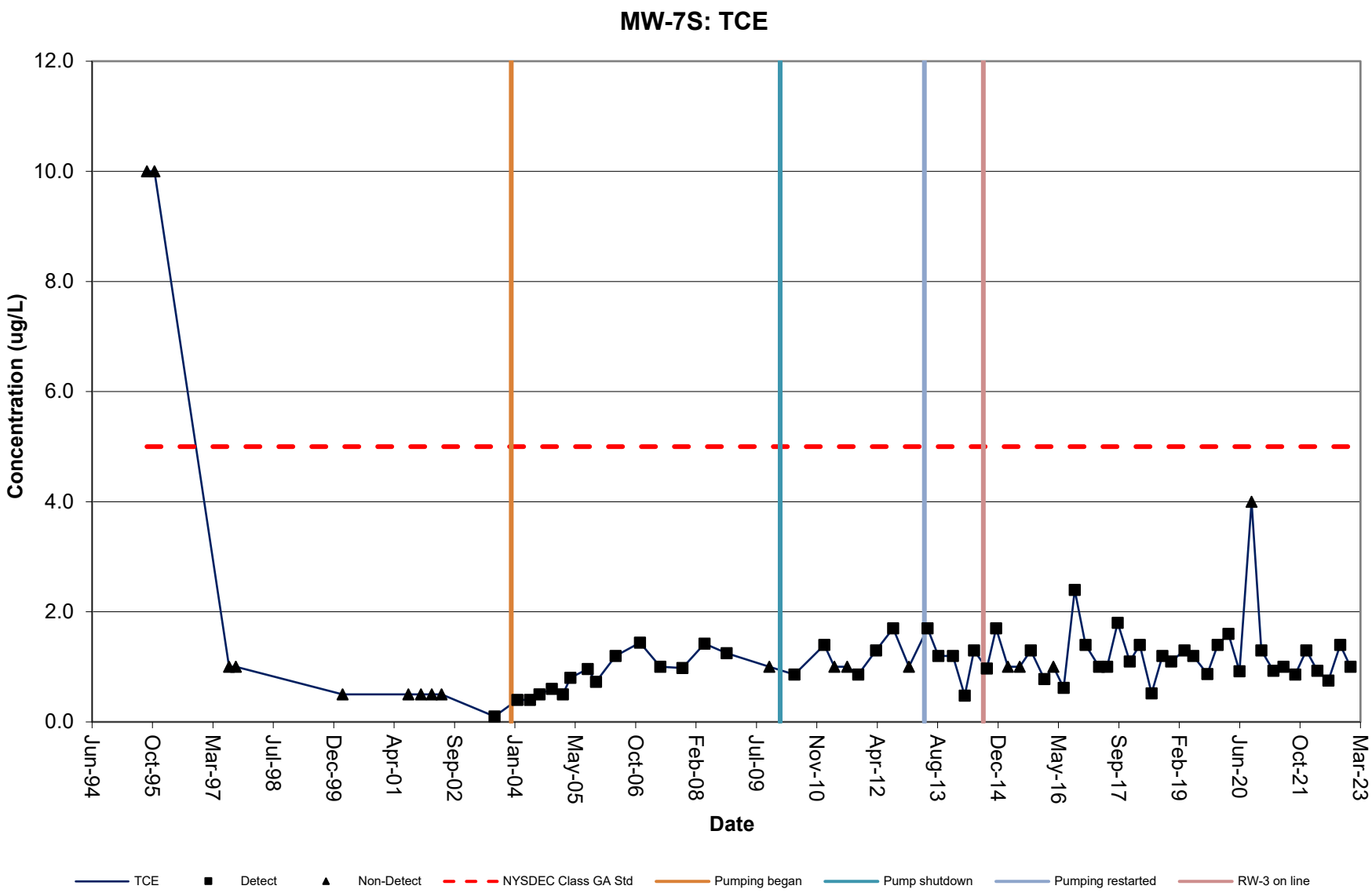

MW-6D: cis-1,2-DCE
Concentration (ug/L)
60.0
50.0
40.0
30.0
20.0
10.0
0.0
Jun-94
Oct-95
Mar-97
Jul-98
Dec-99
Apr-01
Sep-02
Jan-04
May-05
Oct-06
Feb-08
Jul-09
Nov-10
Apr-12
Aug-13
Dec-14
May-16
Sep-17
Feb-19
Jun-20
Oct-21
Mar-23
Date
cis-1,2-DCE
Detect
Non-Detect
NYSDEC Class GA Std
Pumping began
Pump shutdown
Pumping restarted
RW-3 on line

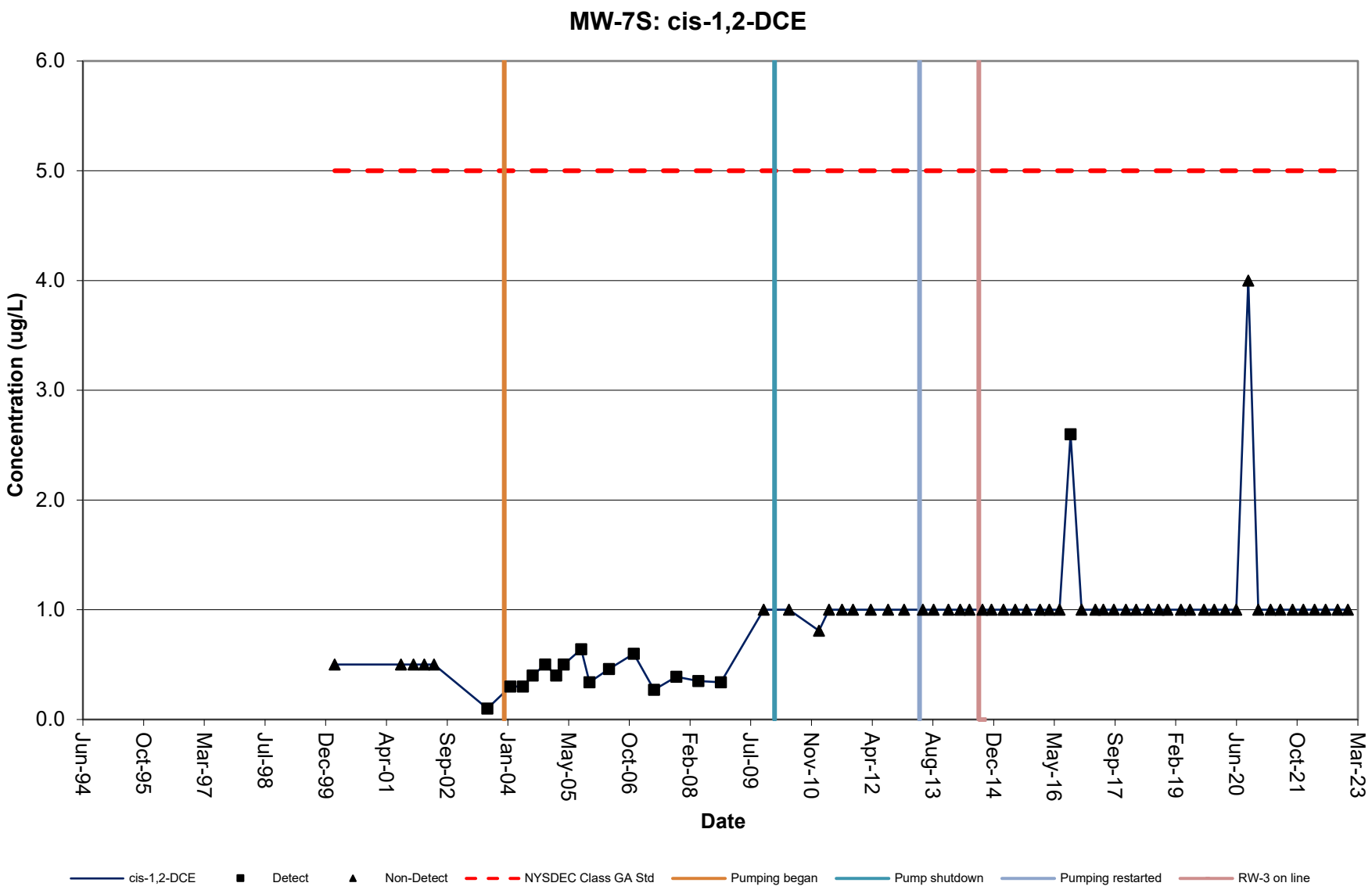

MW-6D: Vinyl Chloride
Concentration (ug/L)
80.0
70.0
60.0
50.0
40.0
30.0
20.0
10.0
0.0
Jun-94
Oct-95
Mar-97
Jul-98
Dec-99
Apr-01
Sep-02
Jan-04
May-05
Oct-06
Feb-08
Jul-09
Nov-10
Apr-12
Aug-13
Dec-14
May-16
Sep-17
Feb-19
Jun-20
Oct-21
Mar-23
Date
Vinyl Chloride
Detect
Non-Detect
NYSDEC Class GA Std
Pumping began
Pump shutdown
Pumping restarted
RW-3 on line

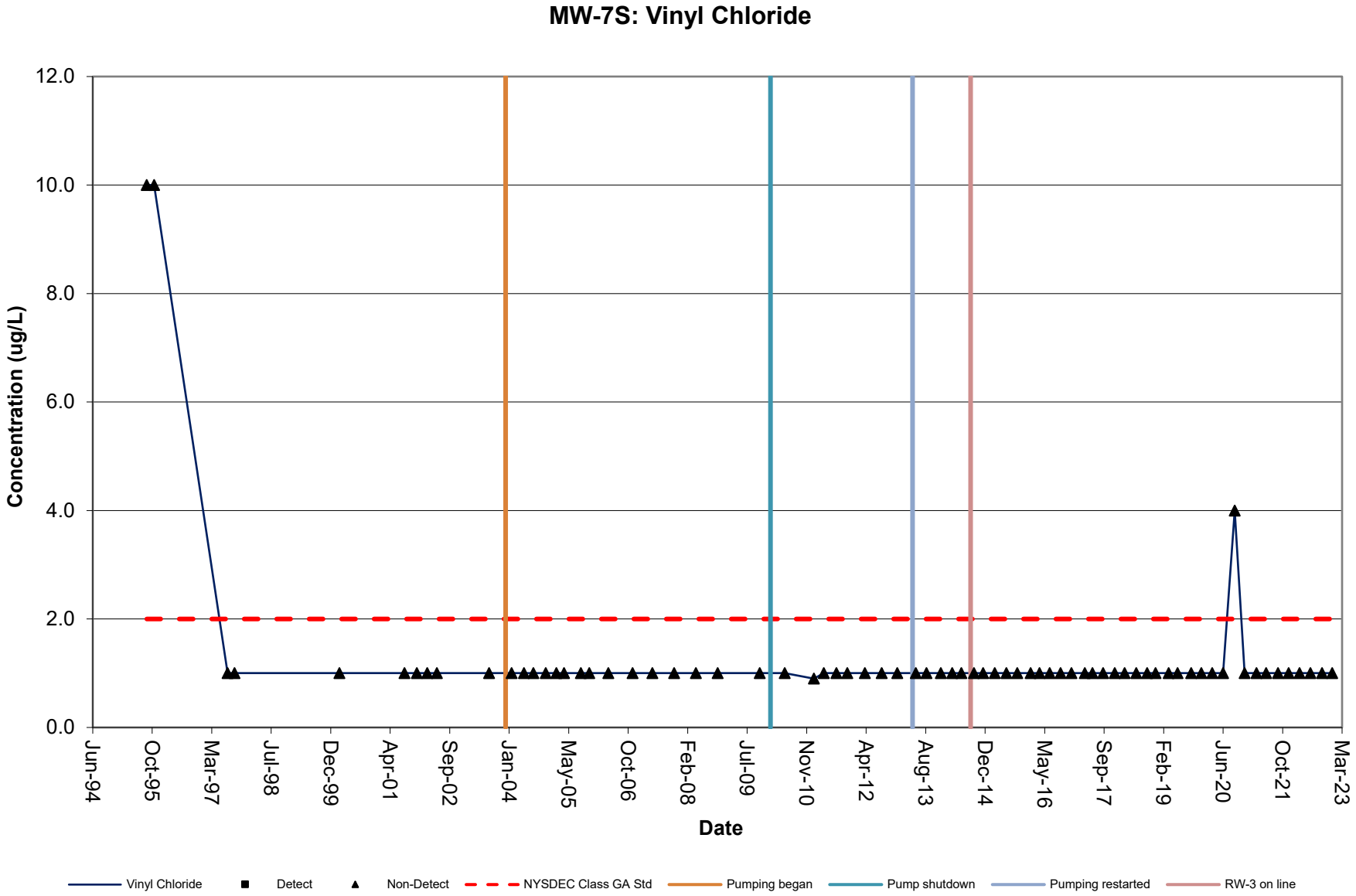

MW-6DD: TCE
Concentration (ug/L)
0
1
2
3
4
5
6
Jun-94
Oct-95
Mar-97
Jul-98
Dec-99
Apr-01
Sep-02
Jan-04
May-05
Oct-06
Feb-08
Jul-09
Nov-10
Apr-12
Aug-13
Dec-14
May-16
Sep-17
Feb-19
Jun-20
Oct-21
Mar-23
Date
TCE
Detect
Non-Detect
NYSDEC Class GA Std
Pumping began
Pump shutdown
Pumping restarted
Pumping restarted
RW-3 on line

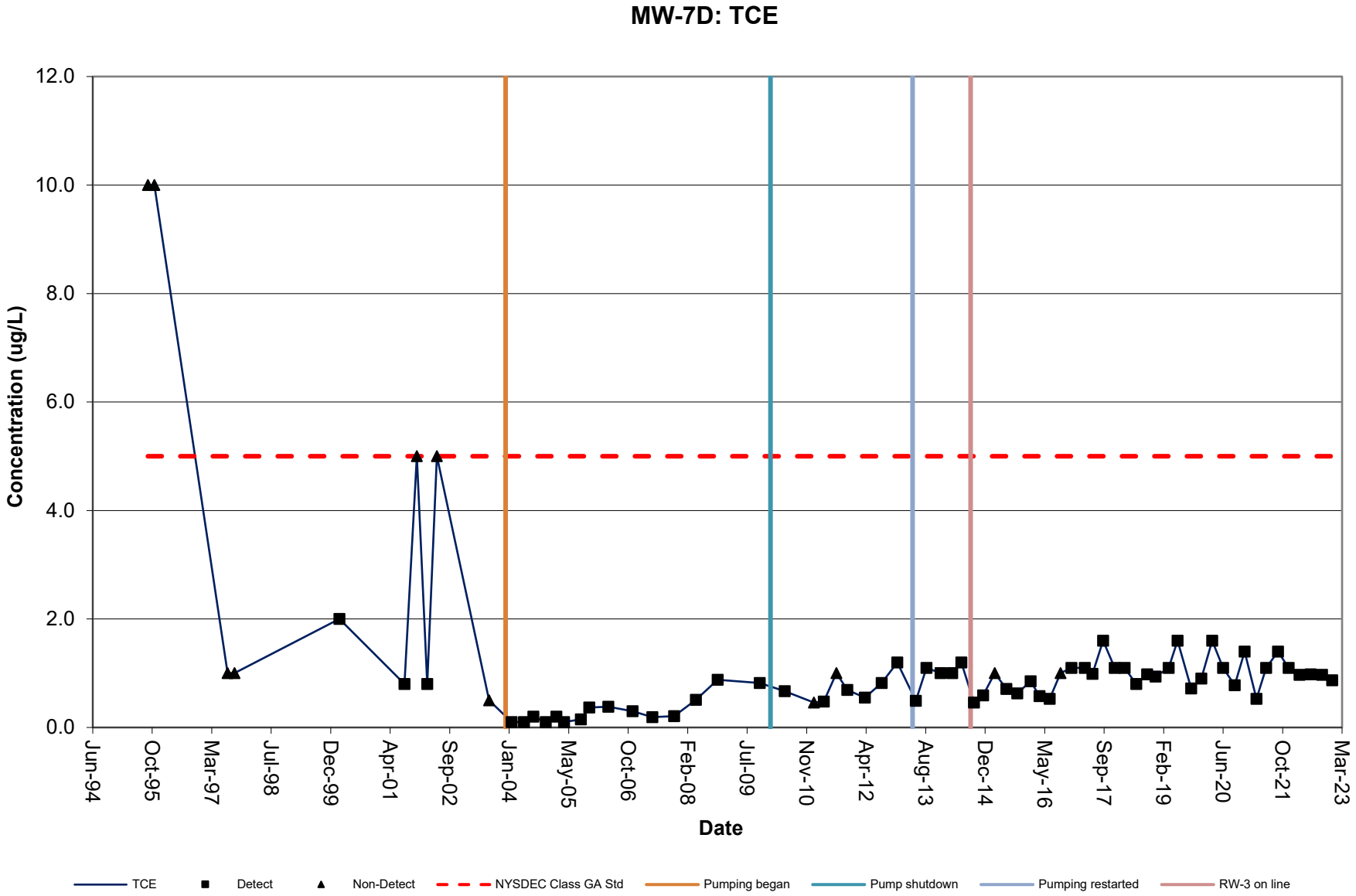

MW-6DD: cis-1,2-DCE
Concentration (ug/L)
60
50
40
30
20
10
0
Dec-99
Apr-01
Sep-02
Jan-04
May-05
Oct-06
Feb-08
Jul-09
Nov-10
Apr-12
Aug-13
Dec-14
May-16
Sep-17
Feb-19
Jun-20
Oct-21
Mar-23
Date
cis-1,2-DCE
Detect
Non-Detect
NYSDEC Class GA Std
Pumping began
Pump shutdown
Pumping restarted
RW-3 on line

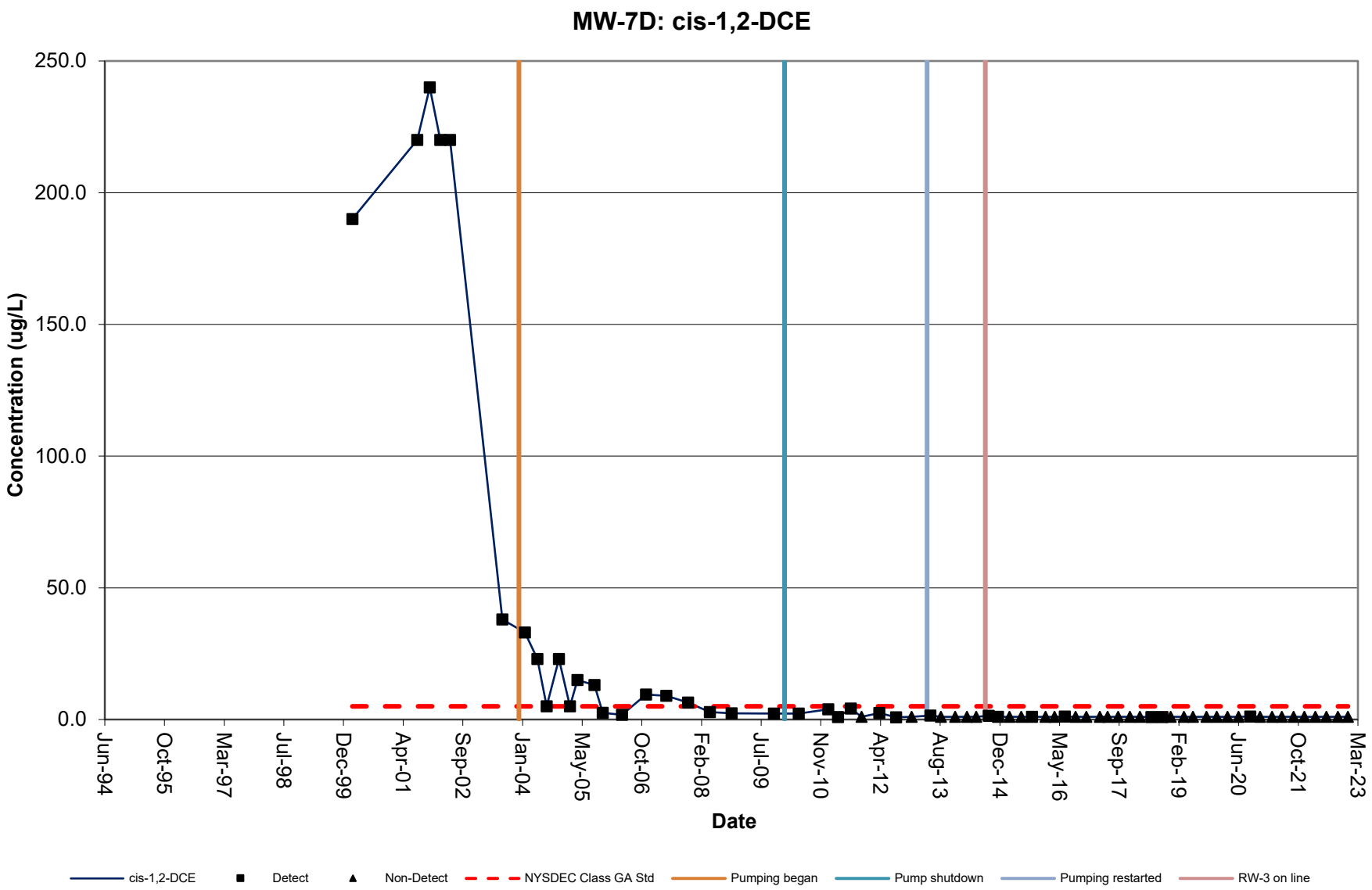

MW-6DD: Vinyl Chloride
Concentration (ug/L)
35
30
25
20
15
10
5
0
Jun-94
Oct-95
Mar-97
Jul-98
Dec-99
Apr-01
Sep-02
Jan-04
May-05
Oct-06
Feb-08
Jul-09
Nov-10
Apr-12
Aug-13
Dec-14
May-16
Sep-17
Feb-19
Jun-20
Oct-21
Mar-23
Date
Vinyl Chloride
Detect
Non-Detect
NYSDEC Class GA Std
Pumping began
Pump shutdown
Pumping restarted
RW-3 on line

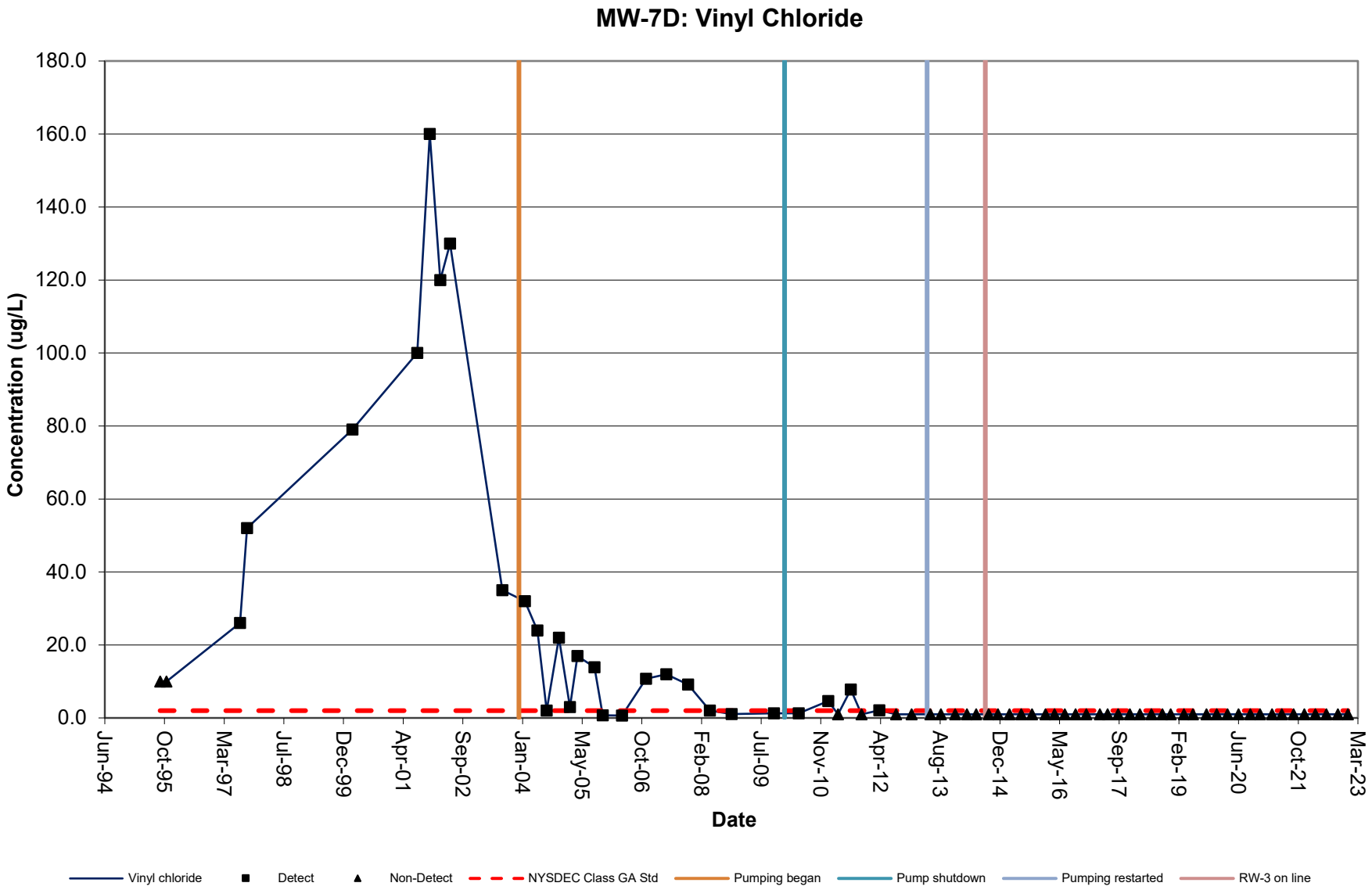

MW-7S: TCE
Concentration (ug/L)
12.0
10.0
8.0
6.0
4.0
2.0
0.0
Jun-94
Oct-95
Mar-97
Jul-98
Dec-99
Apr-01
Sep-02
Jan-04
May-05
Oct-06
Feb-08
Jul-09
Nov-10
Apr-12
Aug-13
Dec-14
May-16
Sep-17
Feb-19
Jun-20
Oct-21
Mar-23
Date
TCE
Detect
Non-Detect
NYSDEC Class GA Std
Pumping began
Pump shutdown
Pumping restarted
RW-3 on line

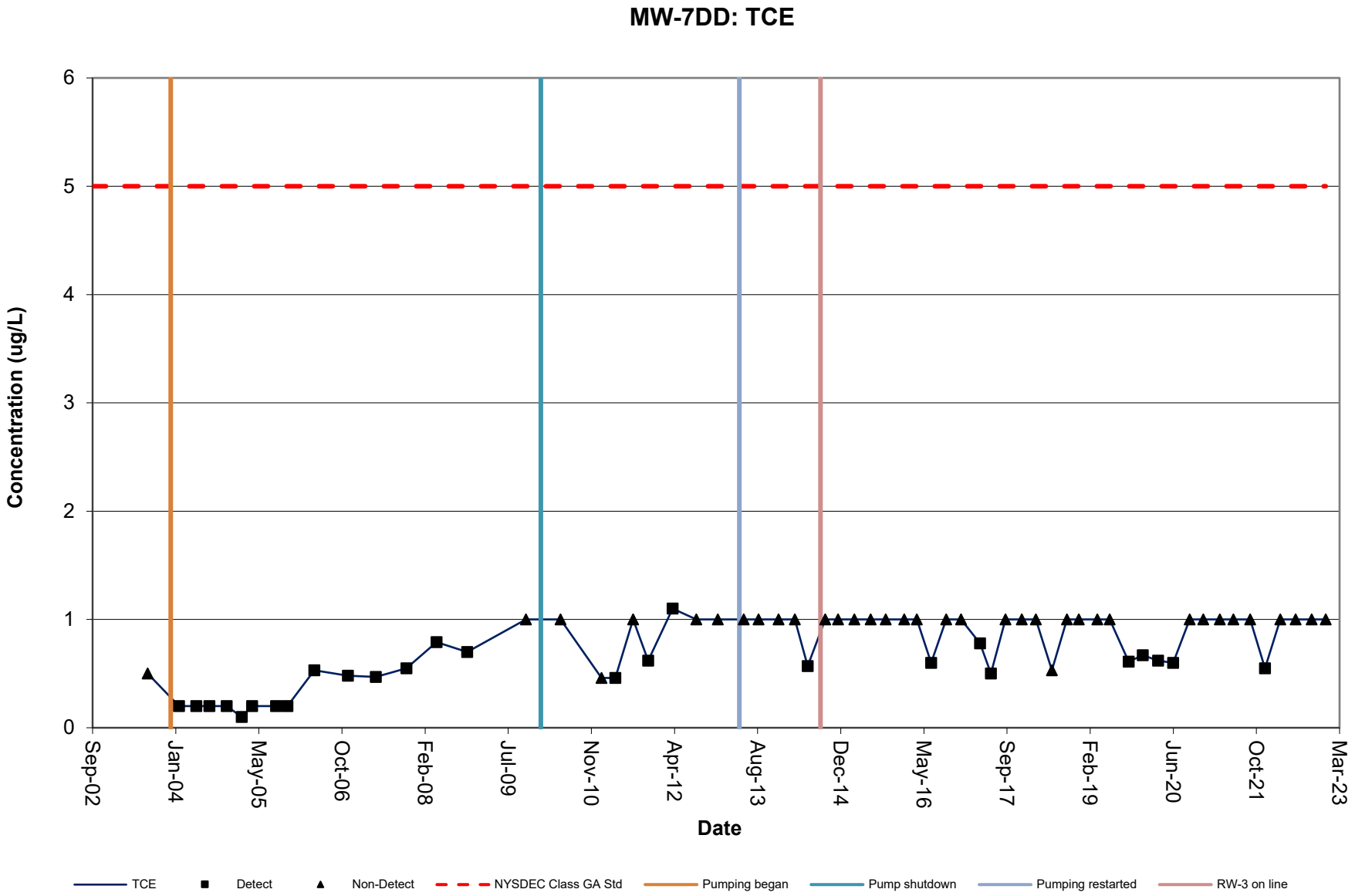

MW-7S: cis-1,2-DCE
Concentration (ug/L)
6.0
5.0
4.0
3.0
2.0
1.0
0.0
Jun-94
Oct-95
Mar-97
Jul-98
Dec-99
Apr-01
Sep-02
Jan-04
May-05
Oct-06
Feb-08
Jul-09
Nov-10
Apr-12
Aug-13
Dec-14
May-16
Sep-17
Feb-19
Jun-20
Oct-21
Mar-23
Date
cis-1,2-DCE
Detect
Non-Detect
NYSDEC Class GA Std
Pumping began
Pump shutdown
Pumping restarted
RW-3 on line

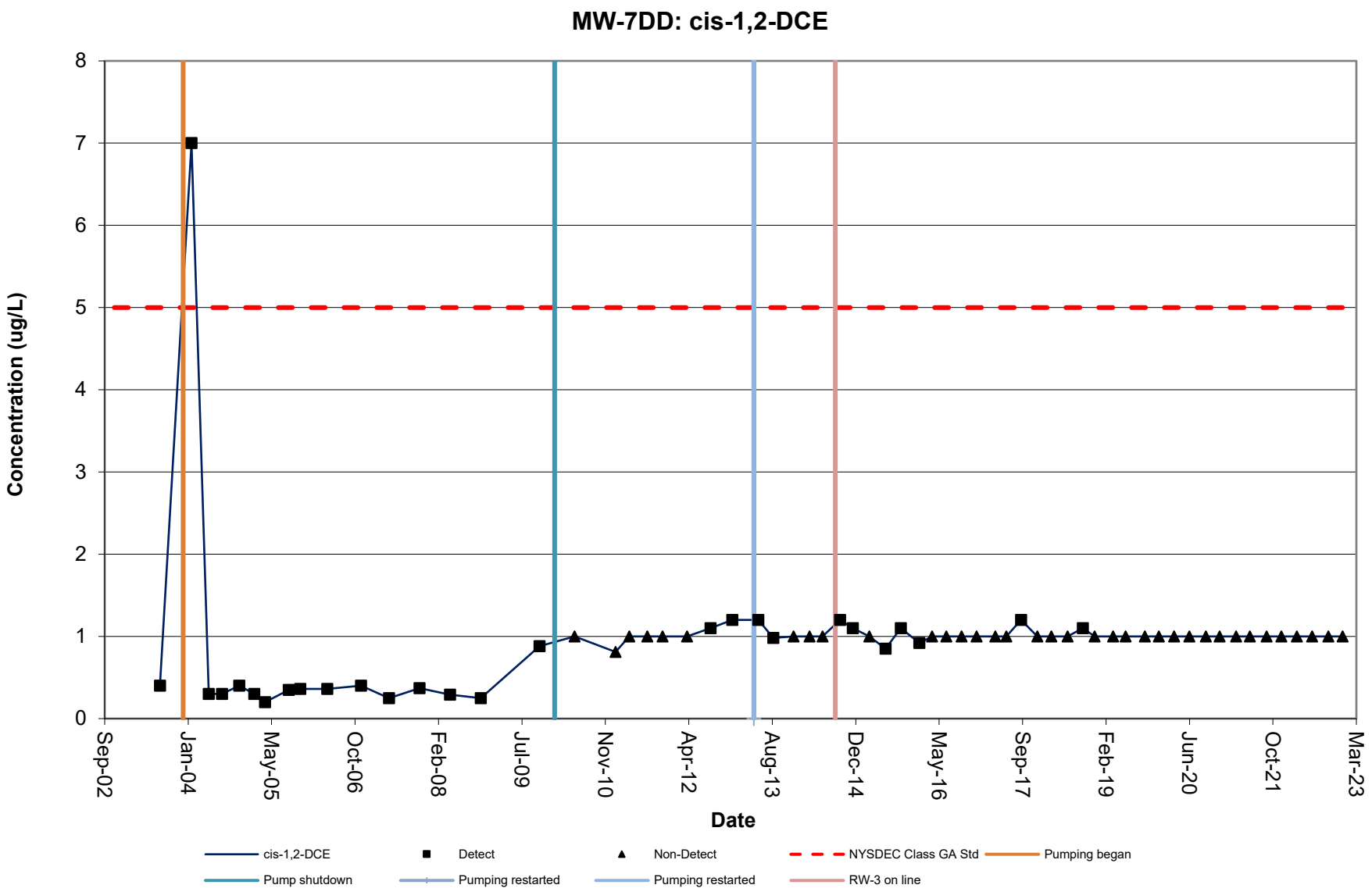

MW-7S: Vinyl Chloride
Concentration (ug/L)
12.0
10.0
8.0
6.0
4.0
2.0
0.0
Jun-94
Oct-95
Mar-97
Jul-98
Dec-99
Apr-01
Sep-02
Jan-04
May-05
Oct-06
Feb-08
Jul-09
Nov-10
Apr-12
Aug-13
Dec-14
May-16
Sep-17
Feb-19
Jun-20
Oct-21
Mar-23
Date
Vinyl Chloride
Detect
Non-Detect
NYSDEC Class GA Std
Pumping began
Pump shutdown
Pumping restarted
RW-3 on line

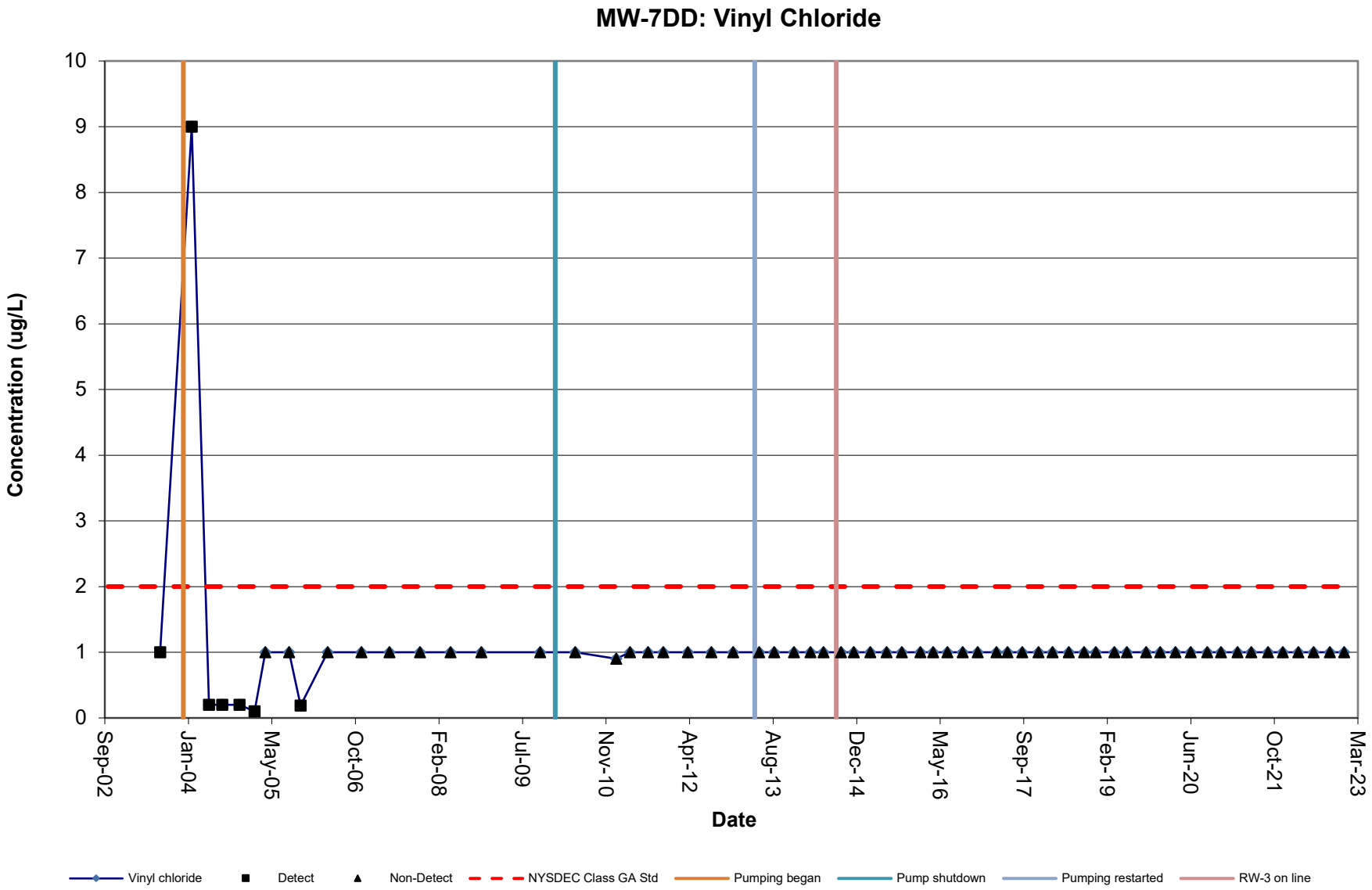

MW-7D: TCE
Concentration (ug/L)
12.0
10.0
8.0
6.0
4.0
2.0
0.0
Jun-94
Oct-95
Mar-97
Jul-98
Dec-99
Apr-01
Sep-02
Jan-04
May-05
Oct-06
Feb-08
Jul-09
Nov-10
Apr-12
Aug-13
Dec-14
May-16
Sep-17
Feb-19
Jun-20
Oct-21
Mar-23
Date
TCE
Detect
Non-Detect
NYSDEC Class GA Std
Pumping began
Pump shutdown
Pumping restarted
RW-3 on line

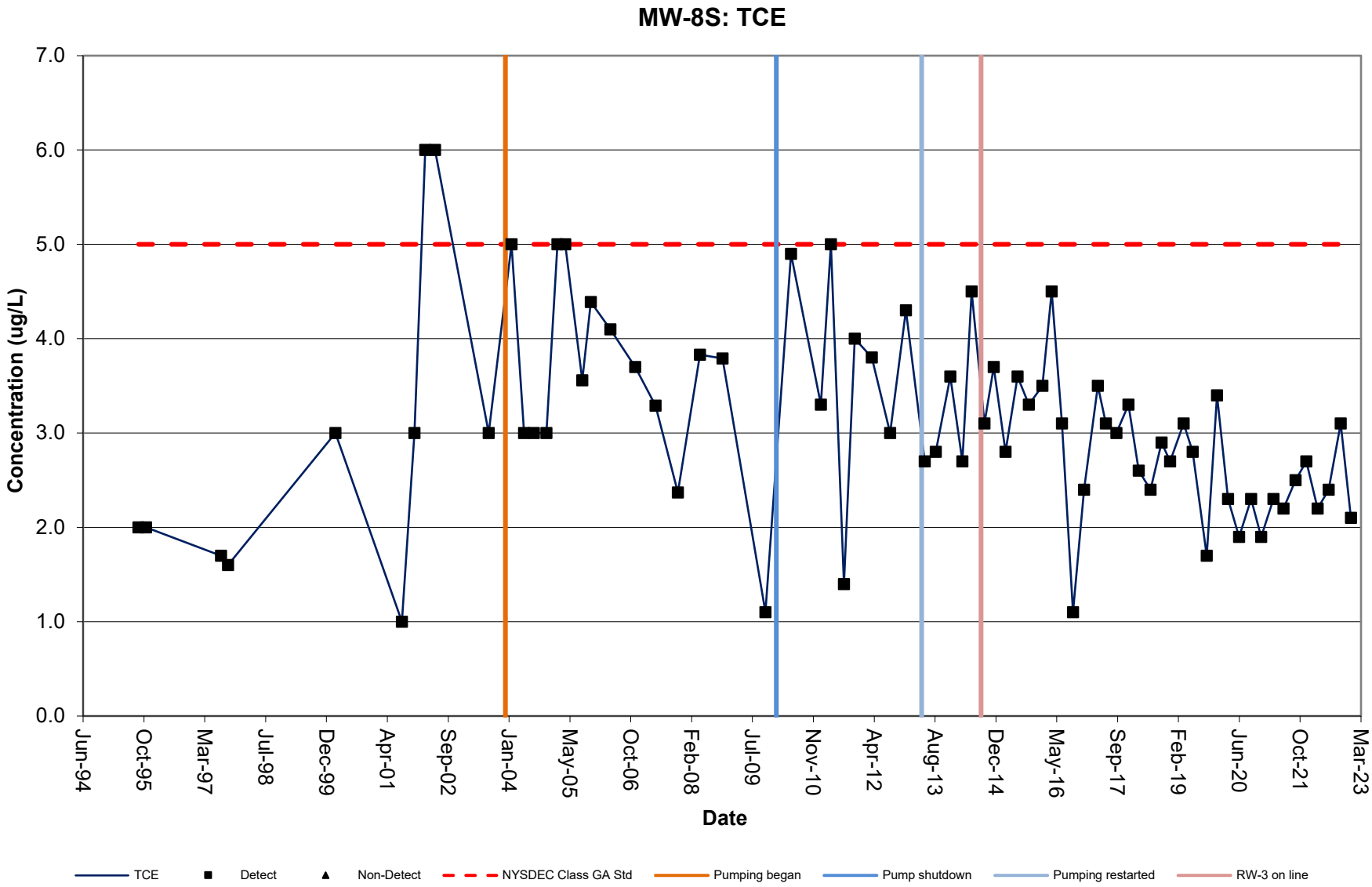

MW-7D: cis-1,2-DCE
250.0
200.0
150.0
100.0
50.0
0.0
Concentration (ug/L)
Jun-94
Oct-95
Mar-97
Jul-98
Dec-99
Apr-01
Sep-02
Jan-04
May-05
Oct-06
Feb-08
Jul-09
Nov-10
Apr-12
Aug-13
Dec-14
May-16
Sep-17
Feb-19
Jun-20
Oct-21
Mar-23
Date
cis-1,2-DCE
Detect
Non-Detect
NYSDEC Class GA Std
Pumping began
Pump shutdown
Pumping restarted
RW-3 on line

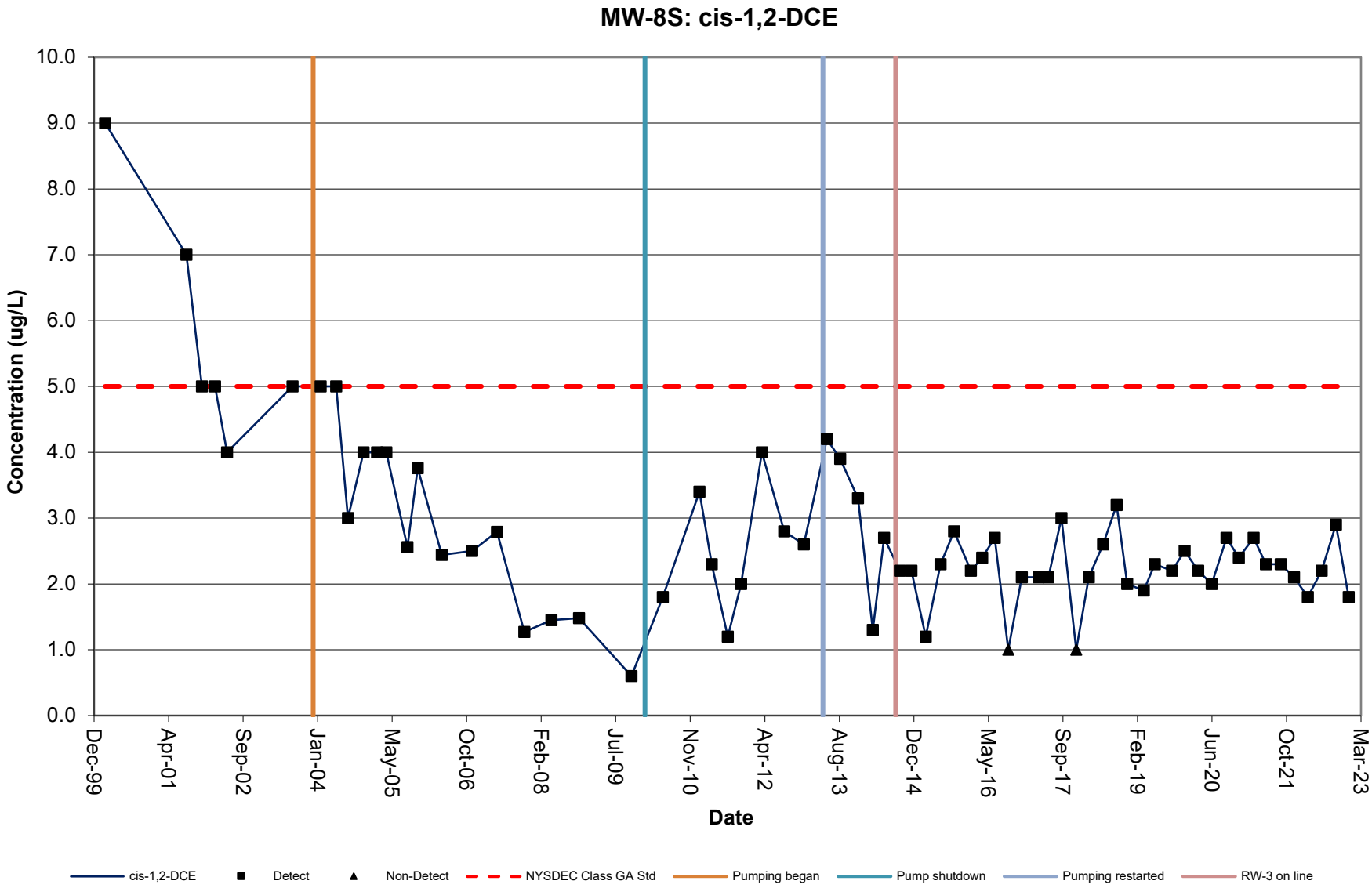

MW-7D: Vinyl Chloride
Concentration (ug/L)
180.0
160.0
140.0
120.0
100.0
80.0
60.0
40.0
20.0
0.0
Jun-94
Oct-95
Mar-97
Jul-98
Dec-99
Apr-01
Sep-02
Jan-04
May-05
Oct-06
Feb-08
Jul-09
Nov-10
Apr-12
Aug-13
Dec-14
May-16
Sep-17
Feb-19
Jun-20
Oct-21
Mar-23
Date
Vinyl chloride
Detect
Non-Detect
NYSDEC Class GA Std
Pumping began
Pump shutdown
Pumping restarted
RW-3 on line

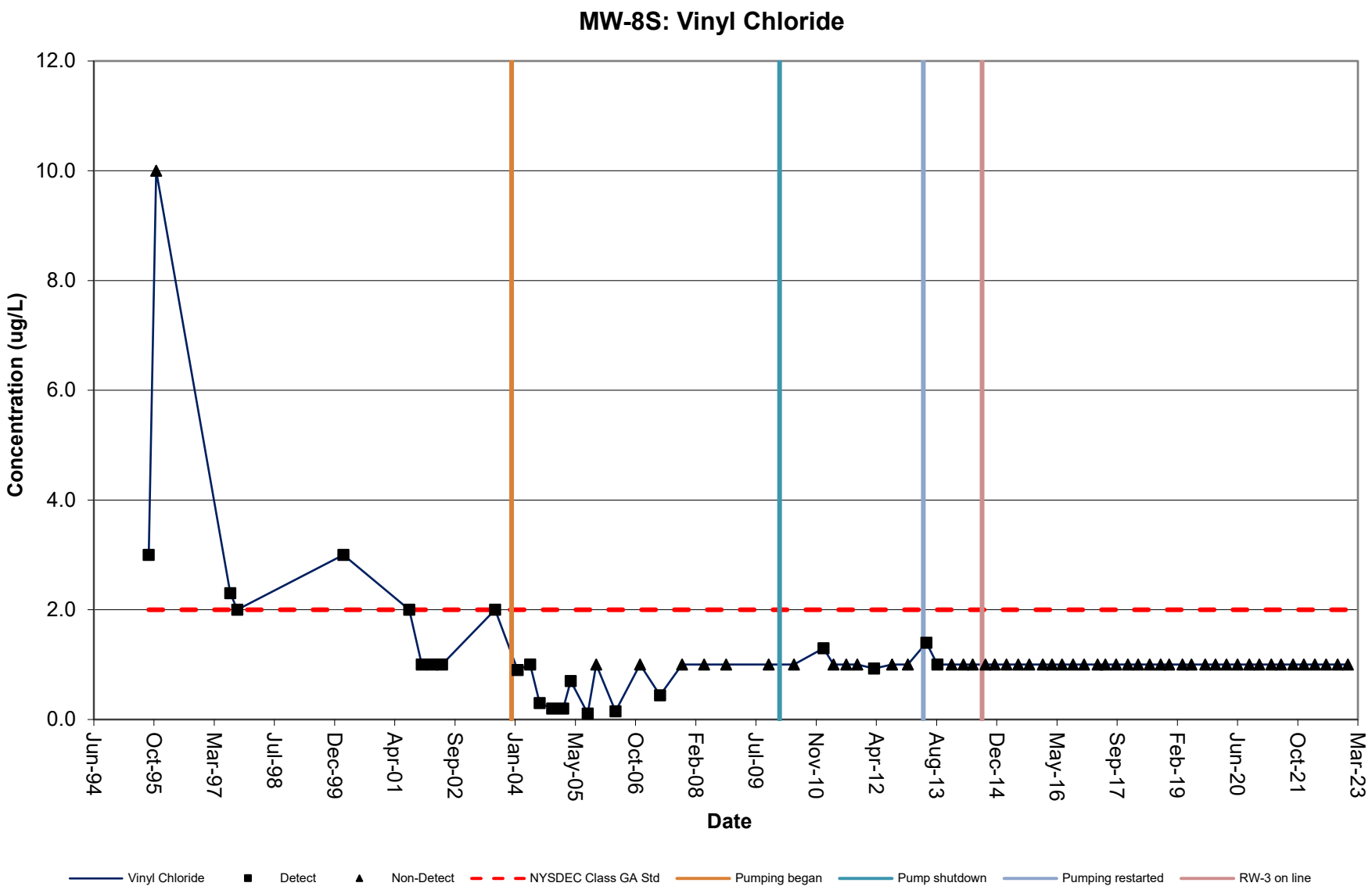

MW-7DD: TCE
Concentration (ug/L)
0
1
2
3
4
5
6
Sep-02
Jan-04
May-05
Oct-06
Feb-08
Jul-09
Nov-10
Apr-12
Aug-13
Dec-14
May-16
Sep-17
Feb-19
Jun-20
Oct-21
Mar-23
Date
TCE
Detect
Non-Detect
NYSDEC Class GA Std
Pumping began
Pump shutdown
Pumping restarted
RW-3 on line

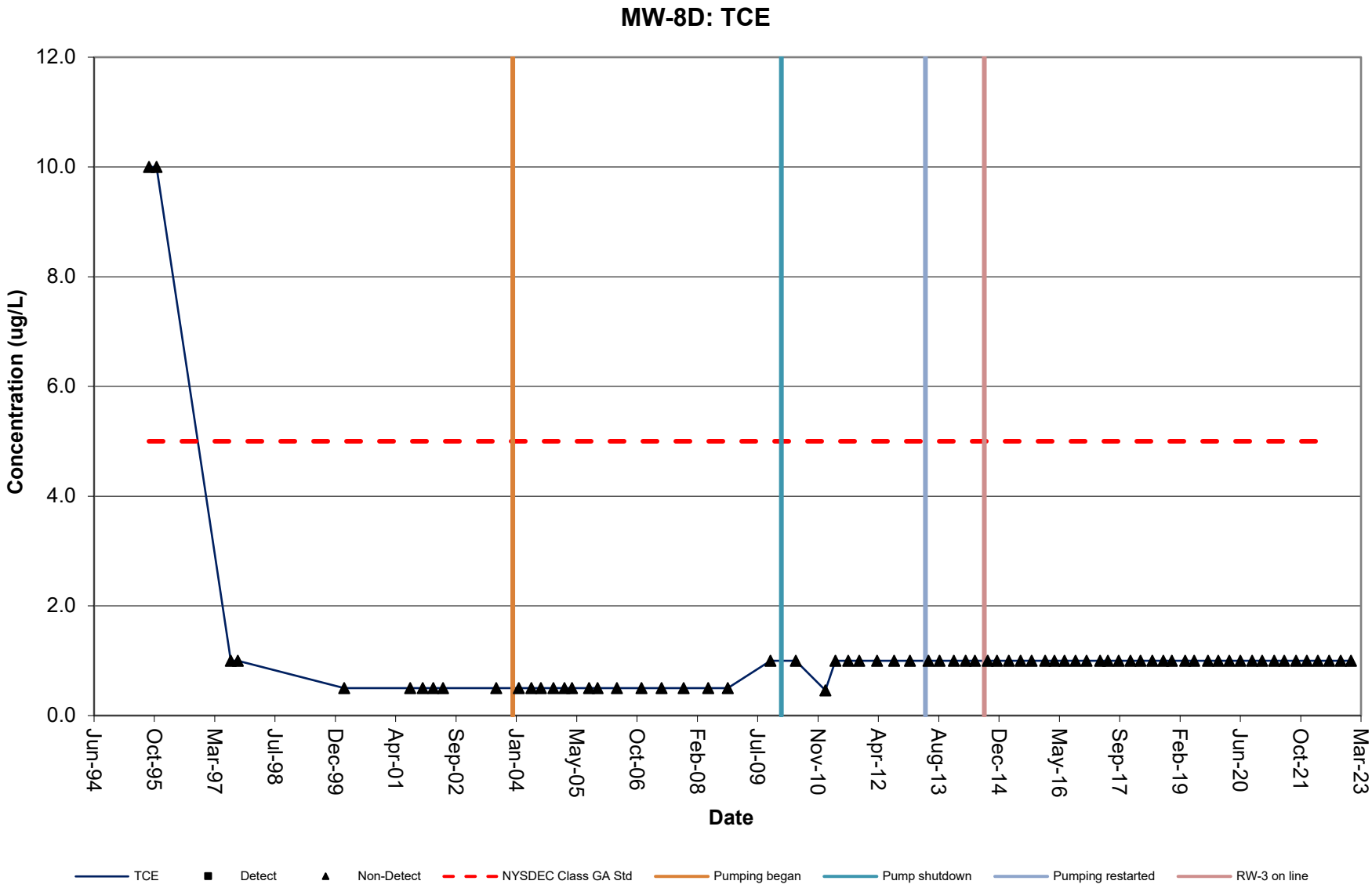

MW-7DD: cis-1,2-DCE
Concentration (ug/L)
0
1
2
3
4
5
6
7
8
Sep-02
Jan-04
May-05
Oct-06
Feb-08
Jul-09
Nov-10
Apr-12
Aug-13
Dec-14
May-16
Sep-17
Feb-19
Jun-20
Oct-21
Mar-23
Date
cis-1,2-DCE
Detect
Non-Detect
NYSDEC Class GA Std
Pumping began
Pump shutdown
Pumping restarted
Pumping restarted
RW-3 on line

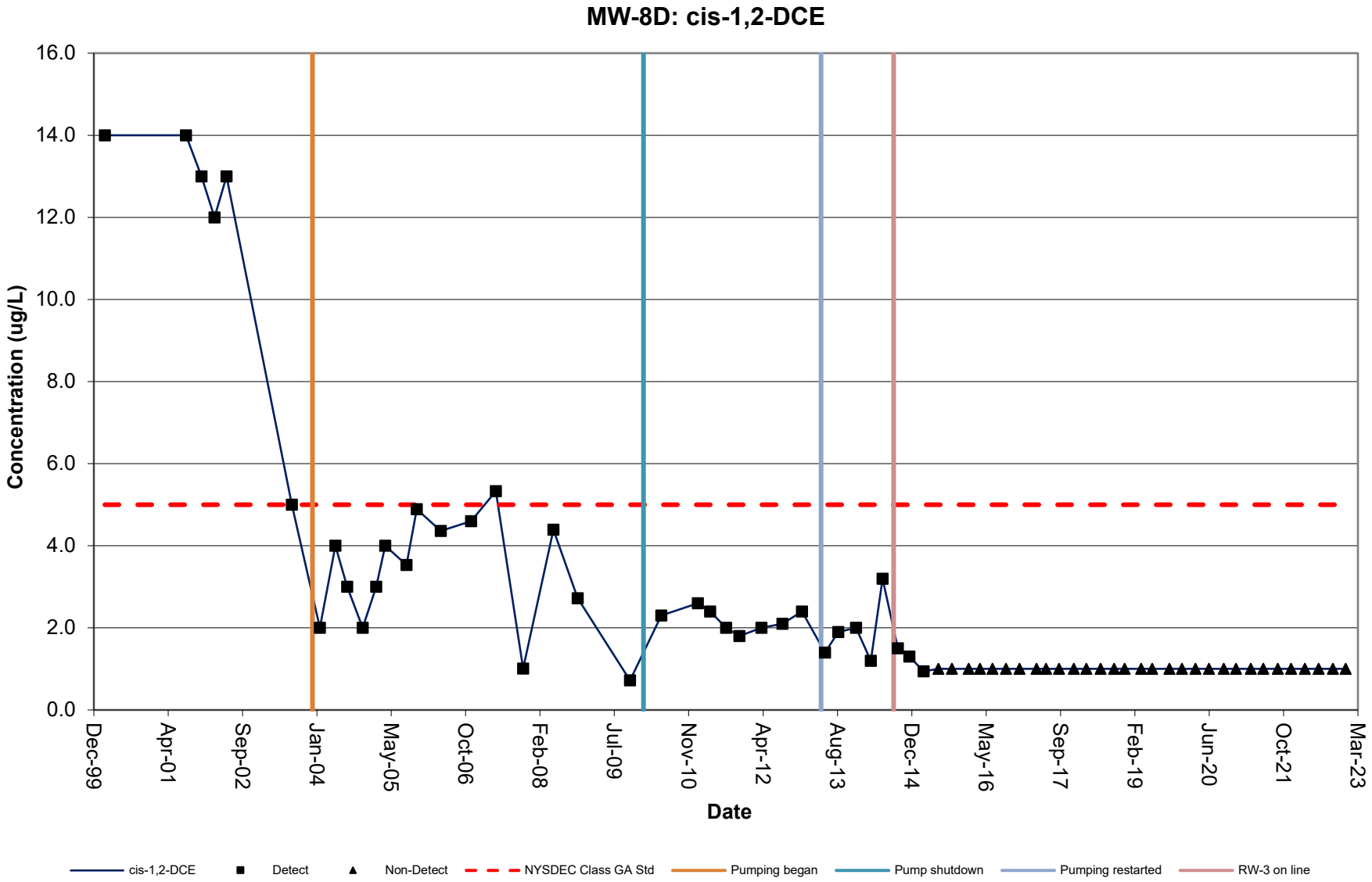

MW-7DD: Vinyl Chloride
Concentration (ug/L)
10
9
8
7
6
5
4
3
2
1
0
Sep-02
Jan-04
May-05
Oct-06
Feb-08
Jul-09
Nov-10
Apr-12
Aug-13
Dec-14
May-16
Sep-17
Feb-19
Jun-20
Oct-21
Mar-23
Date
Vinyl chloride
Detect
Non-Detect
NYSDEC Class GA Std
Pumping began
Pump shutdown
Pumping restarted
RW-3 on line

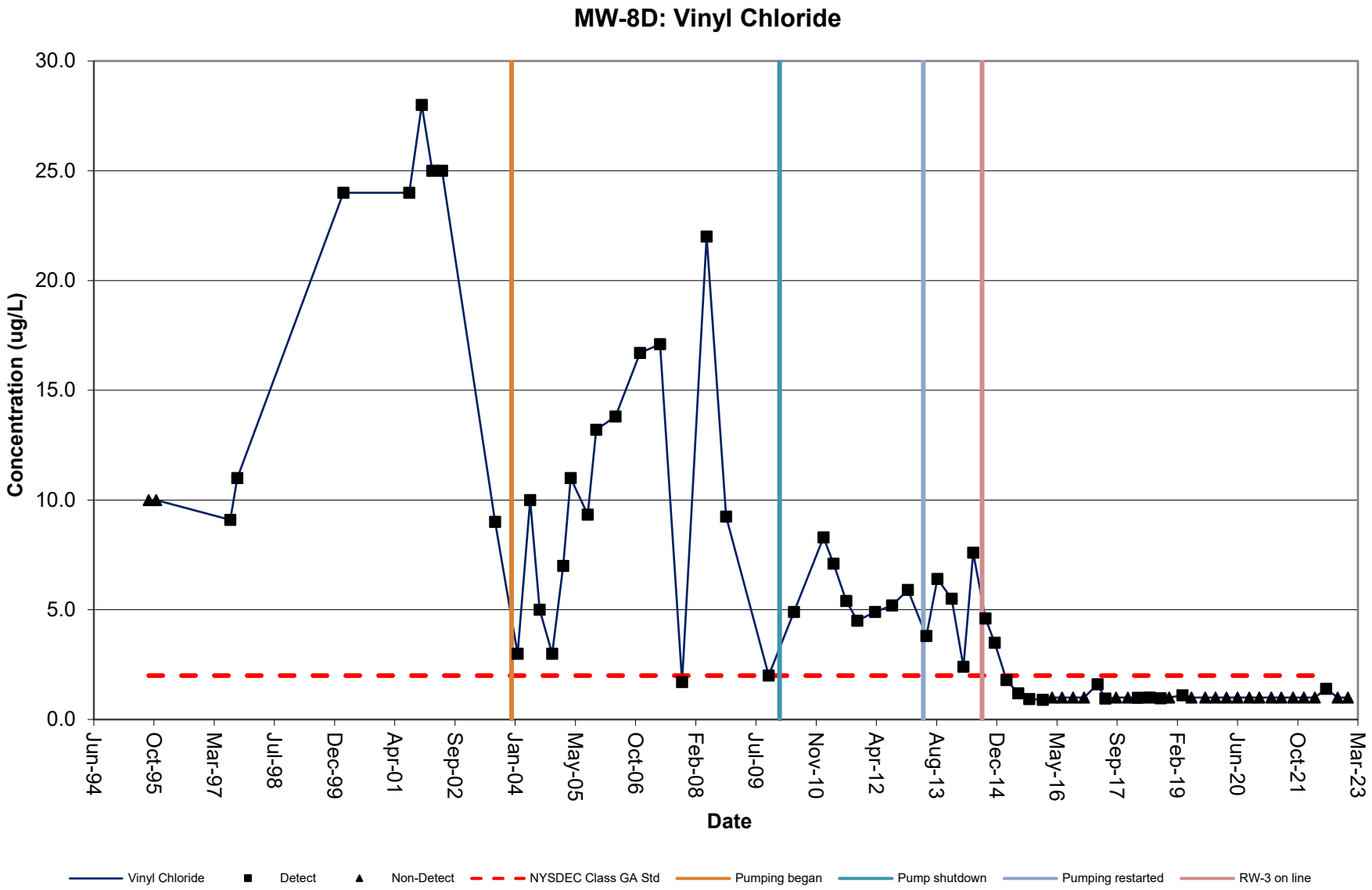

MW-8S: TCE
Concentration (ug/L)
7.0
6.0
5.0
4.0
3.0
2.0
1.0
0.0
Jun-94
Oct-95
Mar-97
Jul-98
Dec-99
Apr-01
Sep-02
Jan-04
May-05
Oct-06
Feb-08
Jul-09
Nov-10
Apr-12
Aug-13
Dec-14
May-16
Sep-17
Feb-19
Jun-20
Oct-21
Mar-23
Date
TCE
Detect
Non-Detect
NYSDEC Class GA Std
Pumping began
Pump shutdown
Pumping restarted
RW-3 on line

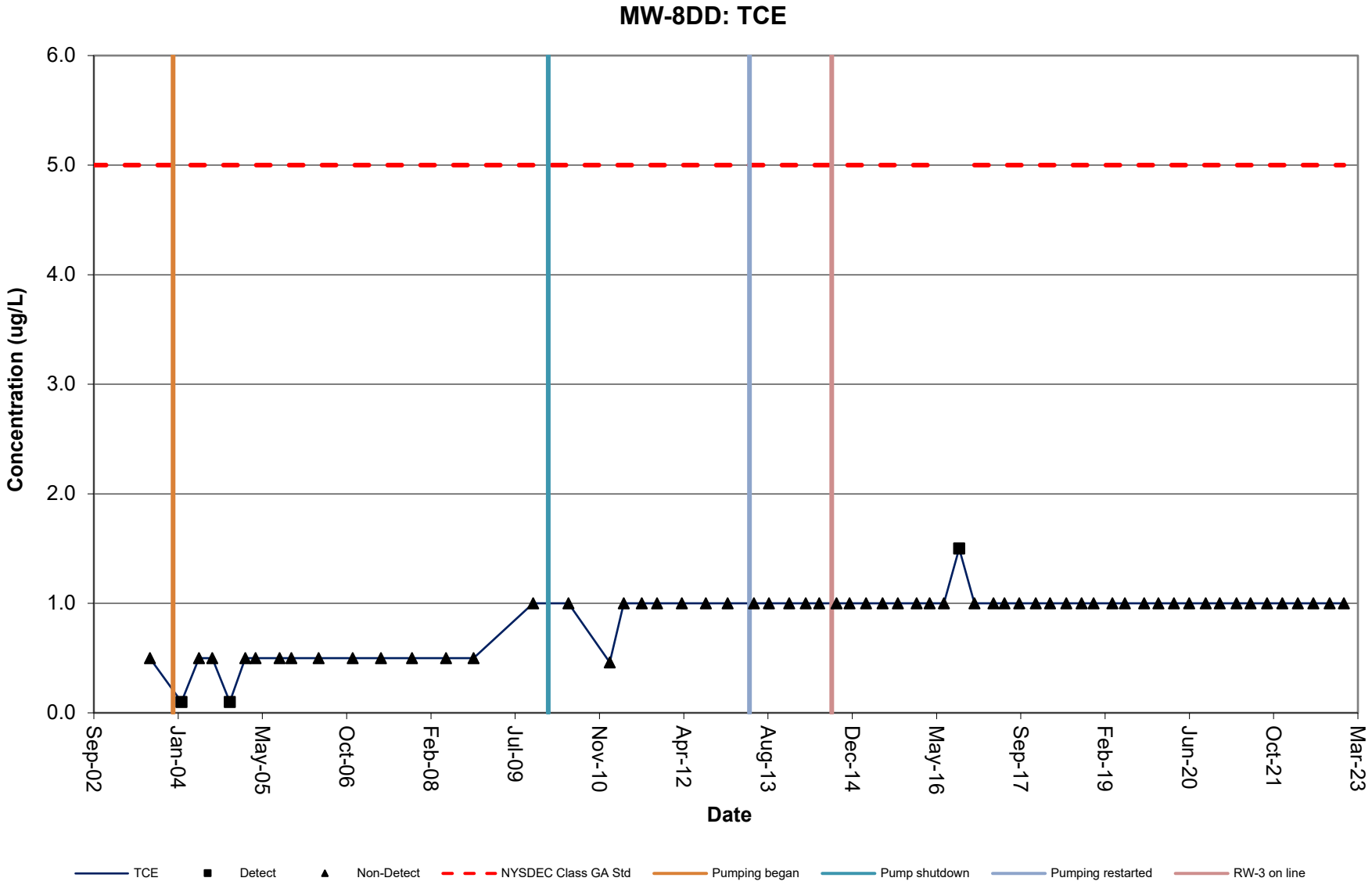

MW-8S: cis-1,2-DCE
Concentration (ug/L)
10.0
9.0
8.0
7.0
6.0
5.0
4.0
3.0
2.0
1.0
0.0
Dec-99
Apr-01
Sep-02
Jan-04
May-05
Oct-06
Feb-08
Jul-09
Nov-10
Apr-12
Aug-13
Dec-14
May-16
Sep-17
Feb-19
Jun-20
Oct-21
Mar-23
Date
cis-1,2-DCE
Detect
Non-Detect
NYSDEC Class GA Std
Pumping began
Pump shutdown
Pumping restarted
RW-3 on line

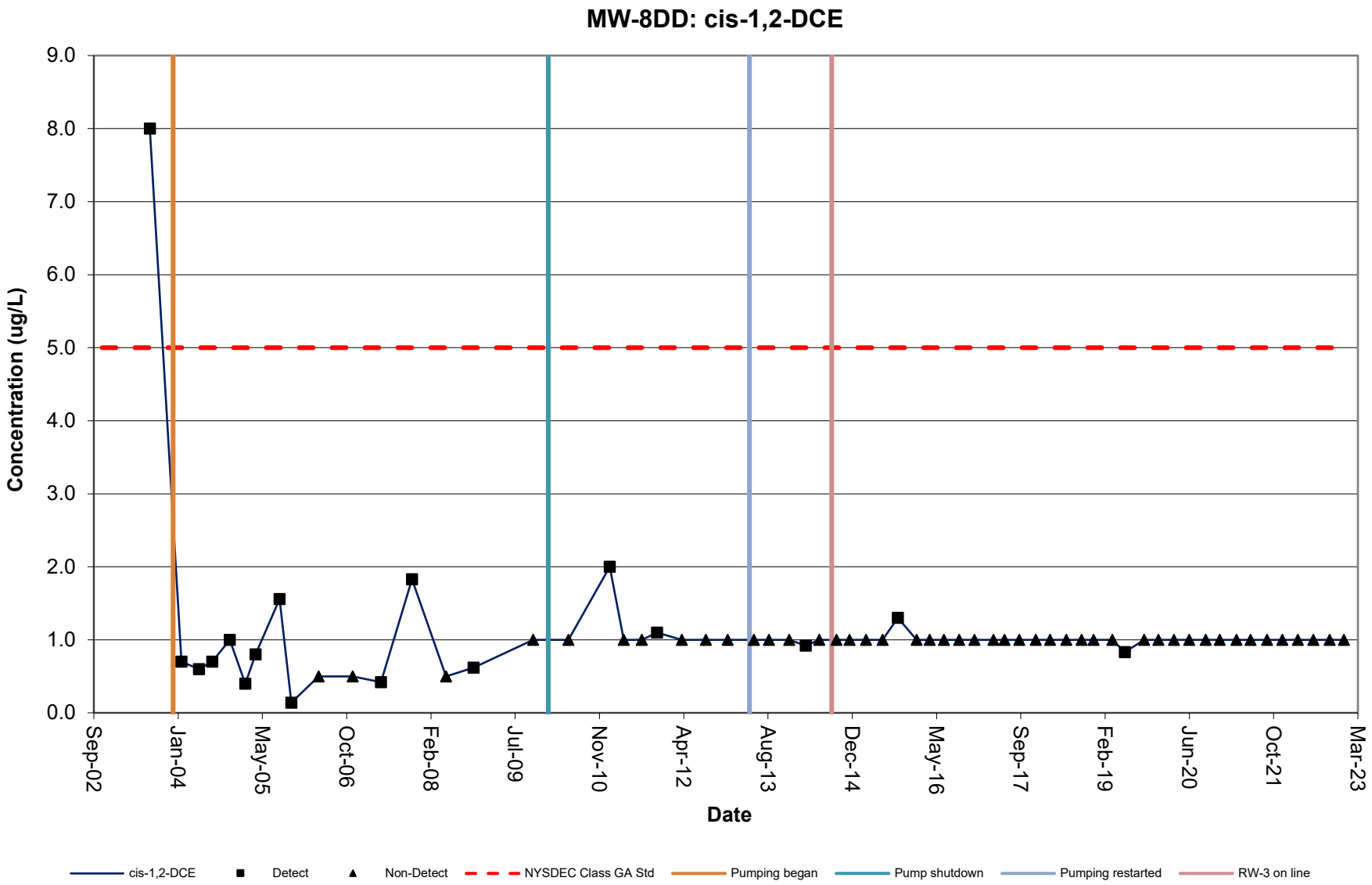

MW-8S: Vinyl Chloride
Concentration (ug/L)
12.0
10.0
8.0
6.0
4.0
2.0
0.0
Jun-94
Oct-95
Mar-97
Jul-98
Dec-99
Apr-01
Sep-02
Jan-04
May-05
Oct-06
Feb-08
Jul-09
Nov-10
Apr-12
Aug-13
Dec-14
May-16
Sep-17
Feb-19
Jun-20
Oct-21
Mar-23
Date
Vinyl Chloride
Detect
Non-Detect
NYSDEC Class GA Std
Pumping began
Pump shutdown
Pumping restarted
RW-3 on line

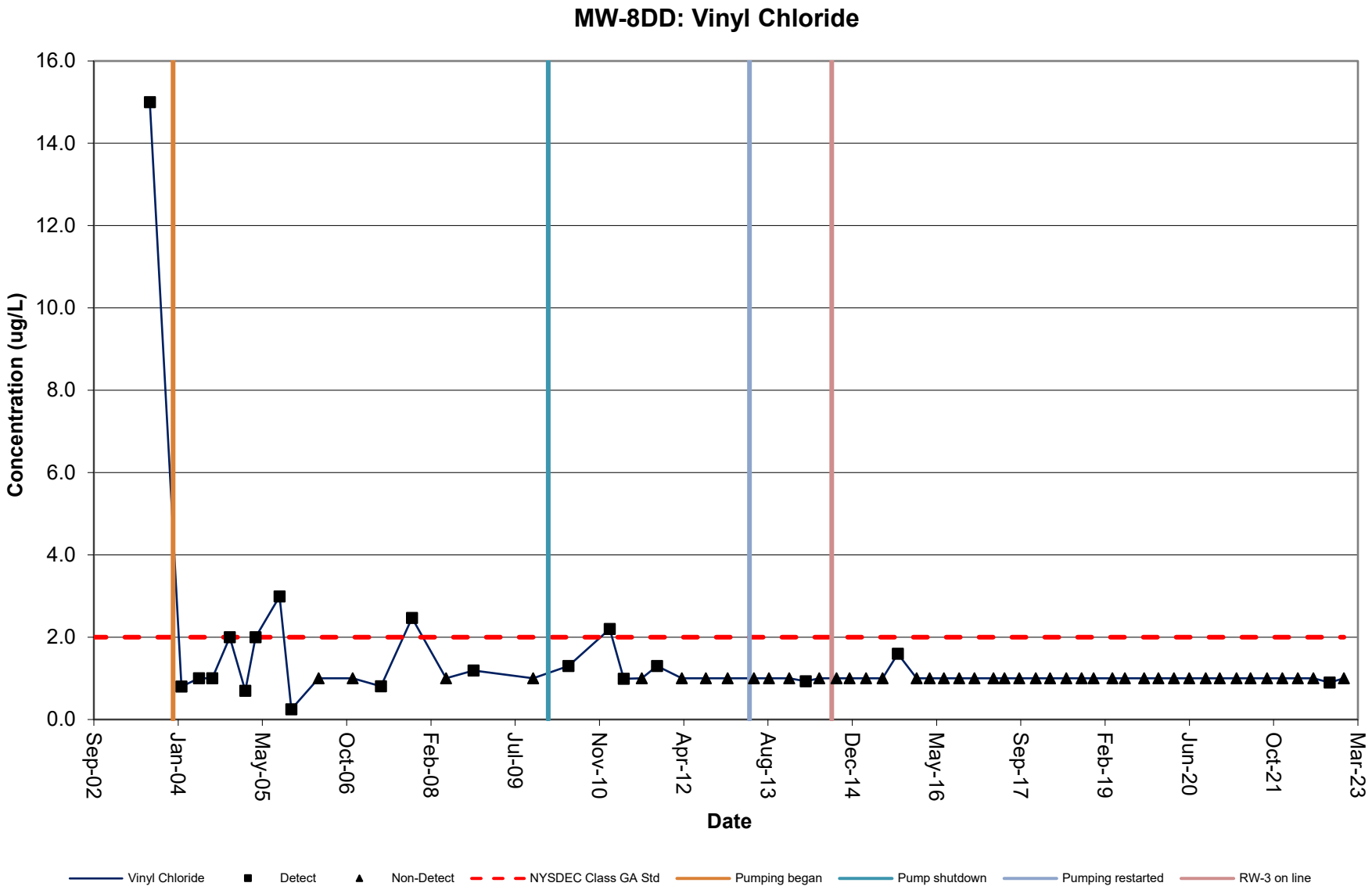

MW-8D: TCE
Concentration (ug/L)
12.0
10.0
8.0
6.0
4.0
2.0
0.0
Jun-94
Oct-95
Mar-97
Jul-98
Dec-99
Apr-01
Sep-02
Jan-04
May-05
Oct-06
Feb-08
Jul-09
Nov-10
Apr-12
Aug-13
Dec-14
May-16
Sep-17
Feb-19
Jun-20
Oct-21
Mar-23
Date
TCE
Detect
Non-Detect
NYSDEC Class GA Std
Pumping began
Pump shutdown
Pumping restarted
RW-3 on line

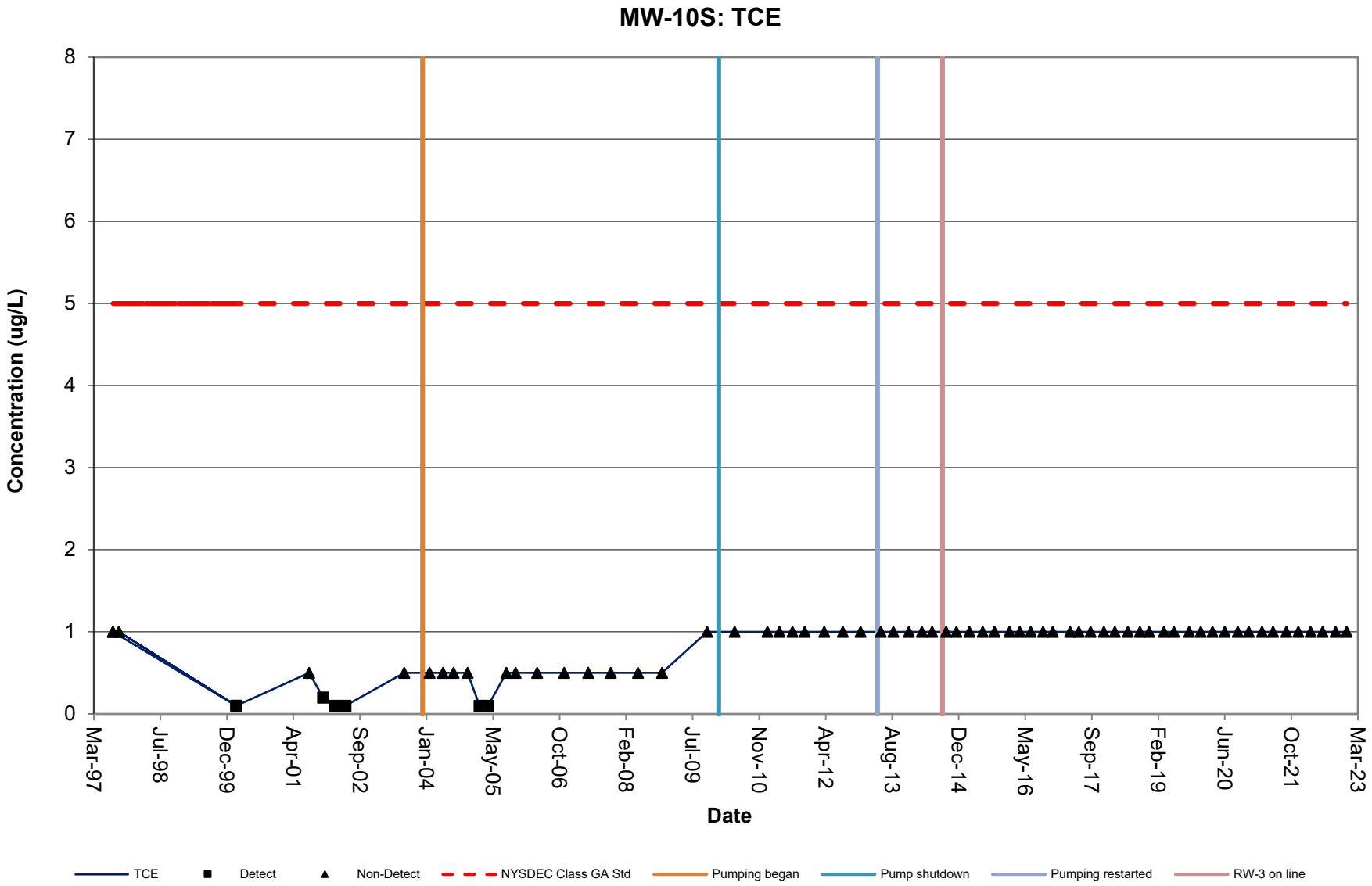

MW-8D: cis-1,2-DCE
Concentration (ug/L)
16.0
14.0
12.0
10.0
8.0
6.0
4.0
2.0
0.0
Dec-99
Apr-01
Sep-02
Jan-04
May-05
Oct-06
Feb-08
Jul-09
Nov-10
Apr-12
Aug-13
Dec-14
May-16
Sep-17
Feb-19
Jun-20
Oct-21
Mar-23
Date
cis-1,2-DCE
Detect
Non-Detect
NYSDEC Class GA Std
Pumping began
Pump shutdown
Pumping restarted
RW-3 on line

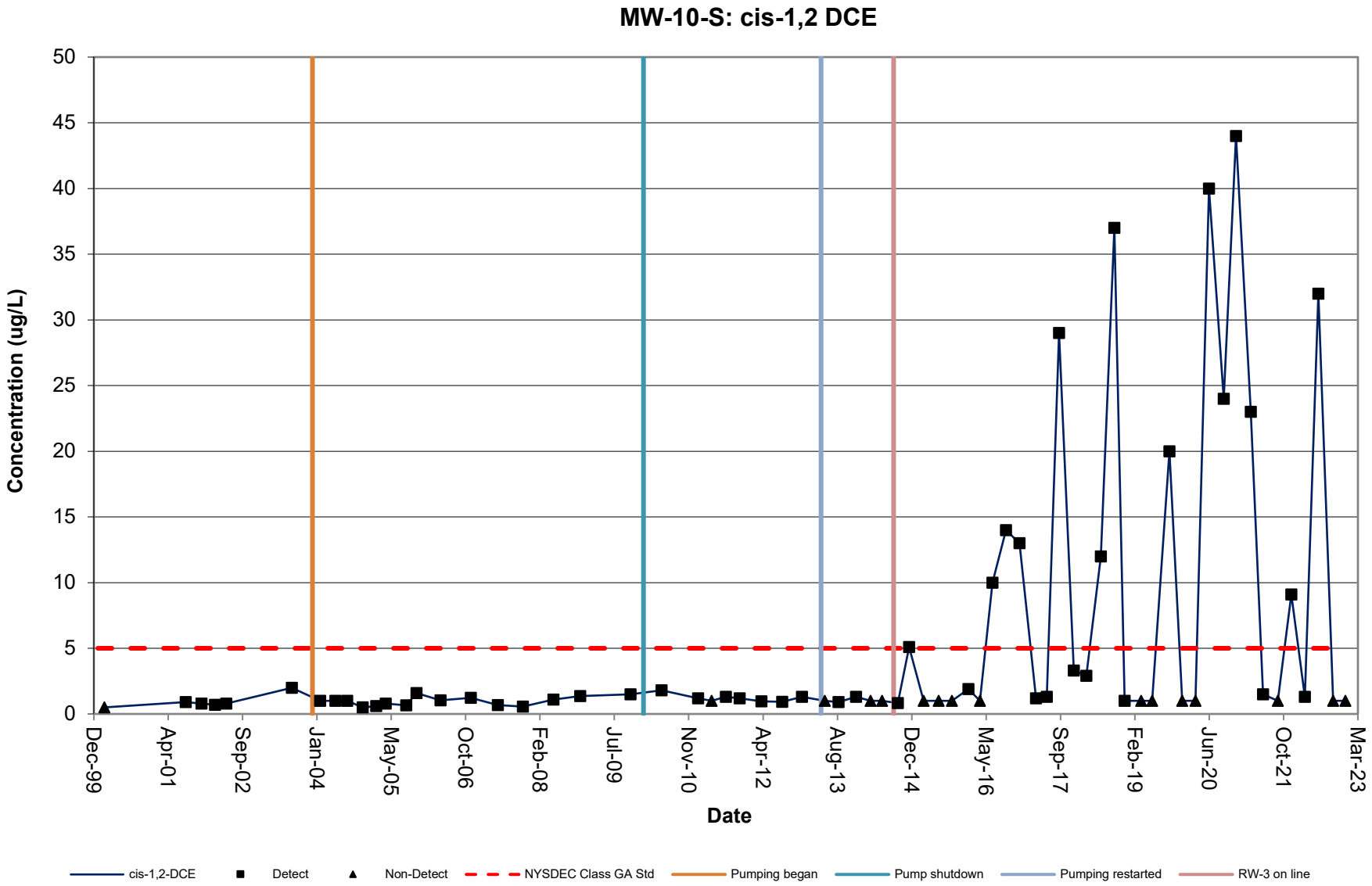

MW-8D: Vinyl Chloride
Concentration (ug/L)
30.0
25.0
20.0
15.0
10.0
5.0
0.0
Jun-94
Oct-95
Mar-97
Jul-98
Dec-99
Apr-01
Sep-02
Jan-04
May-05
Oct-06
Feb-08
Jul-09
Nov-10
Apr-12
Aug-13
Dec-14
May-16
Sep-17
Feb-19
Jun-20
Oct-21
Mar-23
Date
Vinyl Chloride
Detect
Non-Detect
NYSDEC Class GA Std
Pumping began
Pump shutdown
Pumping restarted
RW-3 on line

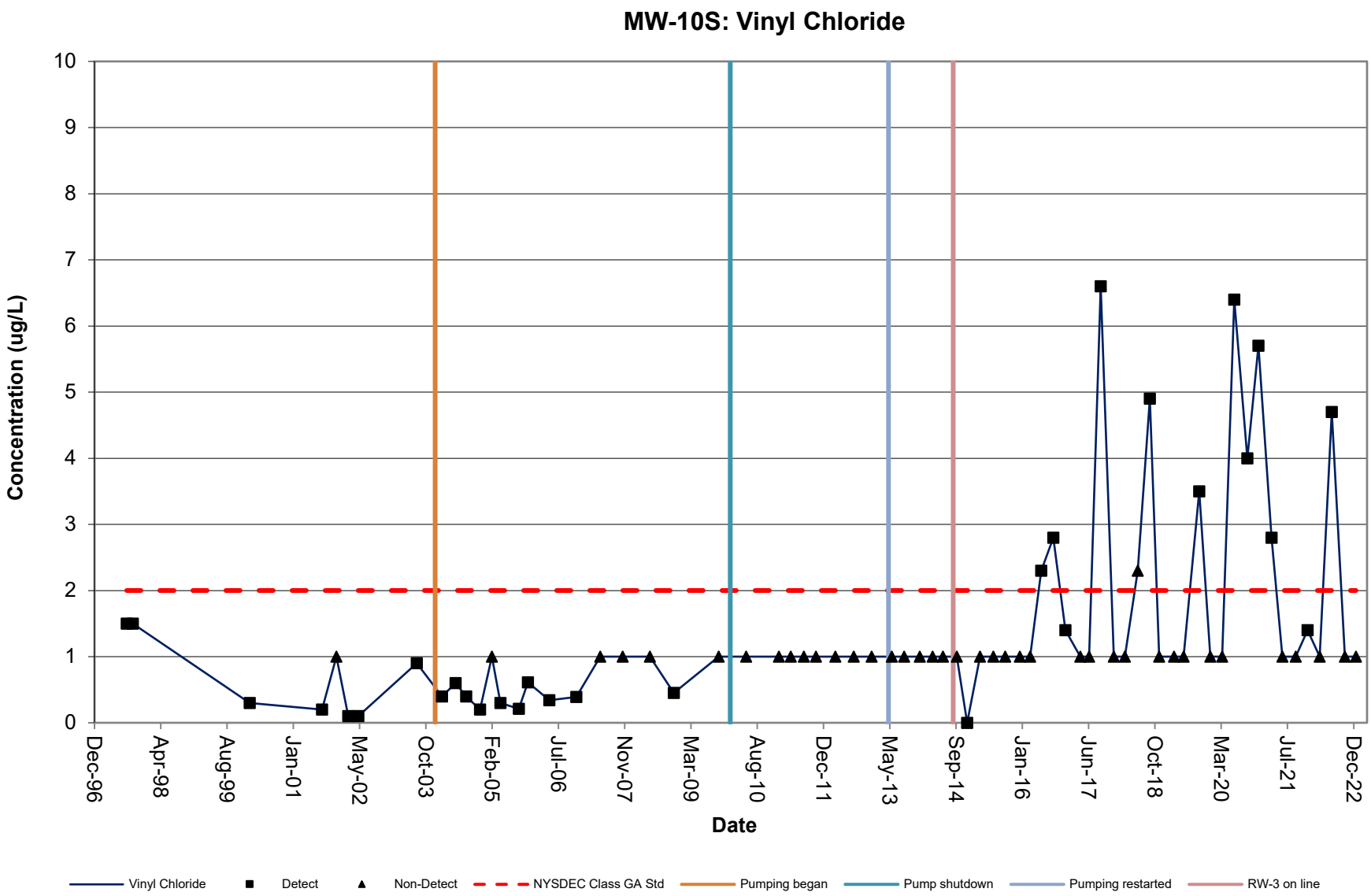

MW-8DD: TCE
Concentration (ug/L)
6.0
5.0
4.0
3.0
2.0
1.0
0.0
Sep-02
Jan-04
May-05
Oct-06
Feb-08
Jul-09
Nov-10
Apr-12
Aug-13
Dec-14
May-16
Sep-17
Feb-19
Jun-20
Oct-21
Mar-23
Date
TCE
Detect
Non-Detect
NYSDEC Class GA Std
Pumping began
Pump shutdown
Pumping restarted
RW-3 on line

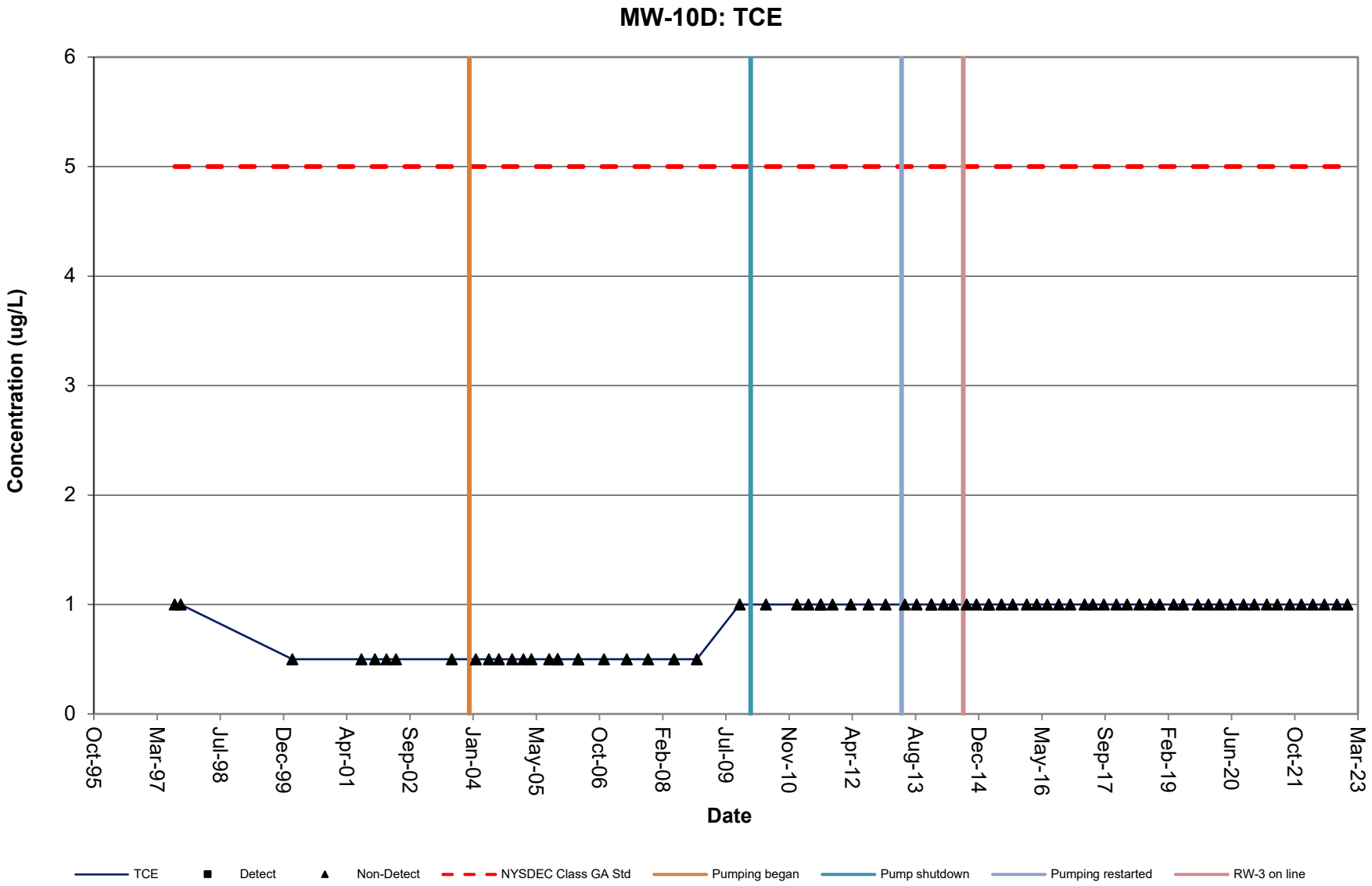

MW-8DD: cis-1,2-DCE
Concentration (ug/L)
9.0
8.0
7.0
6.0
5.0
4.0
3.0
2.0
1.0
0.0
Sep-02
Jan-04
May-05
Oct-06
Feb-08
Jul-09
Nov-10
Apr-12
Aug-13
Dec-14
May-16
Sep-17
Feb-19
Jun-20
Oct-21
Mar-23
Date
cis-1,2-DCE
Detect
Non-Detect
NYSDEC Class GA Std
Pumping began
Pump shutdown
Pumping restarted
RW-3 on line

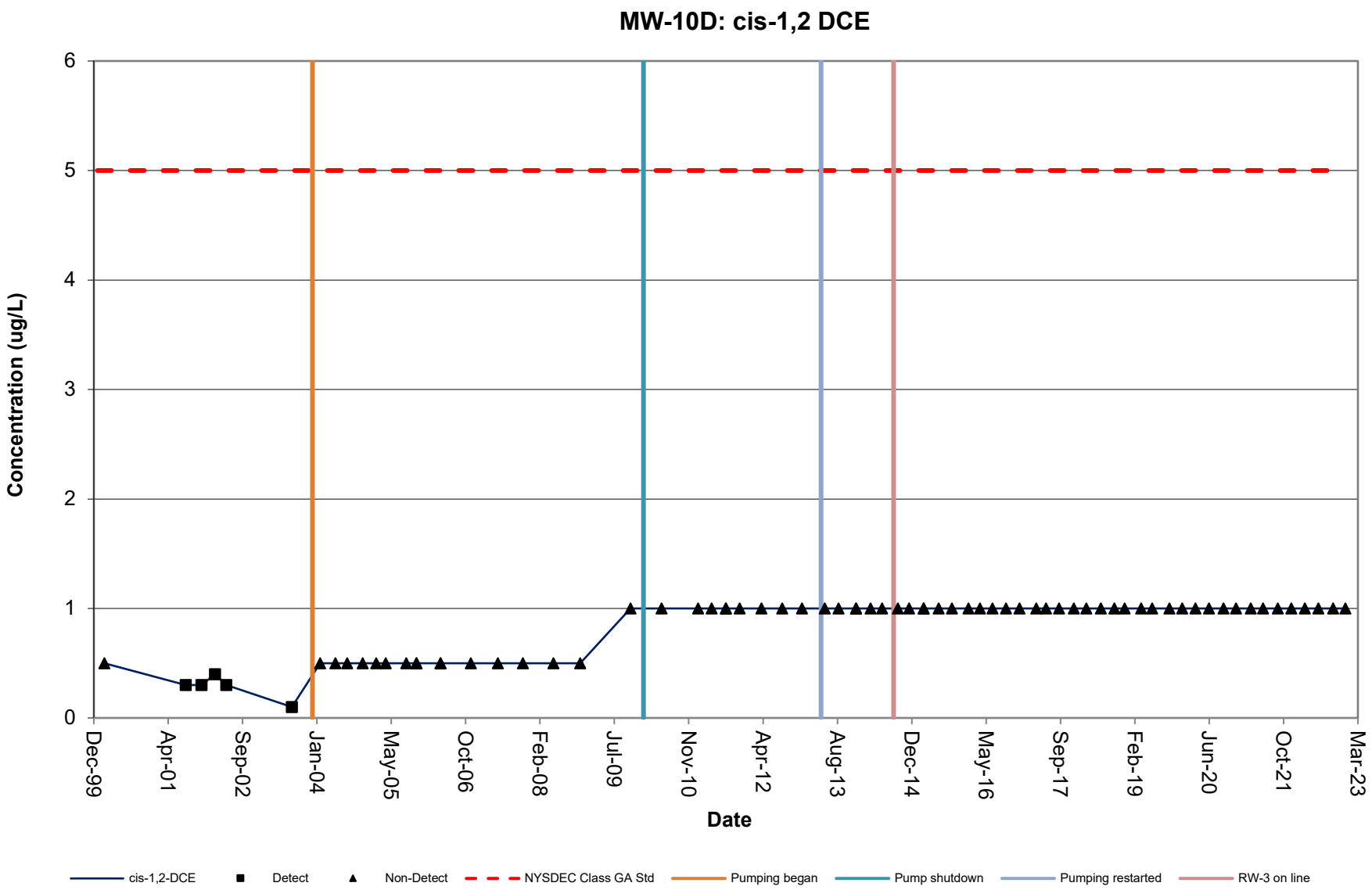

MW-8DD: Vinyl Chloride
Concentration (ug/L)
16.0
14.0
12.0
10.0
8.0
6.0
4.0
2.0
0.0
Sep-02
Jan-04
May-05
Oct-06
Feb-08
Jul-09
Nov-10
Apr-12
Aug-13
Dec-14
May-16
Sep-17
Feb-19
Jun-20
Oct-21
Mar-23
Date
Vinyl Chloride
Detect
Non-Detect
NYSDEC Class GA Std
Pumping began
Pump shutdown
Pumping restarted
RW-3 on line

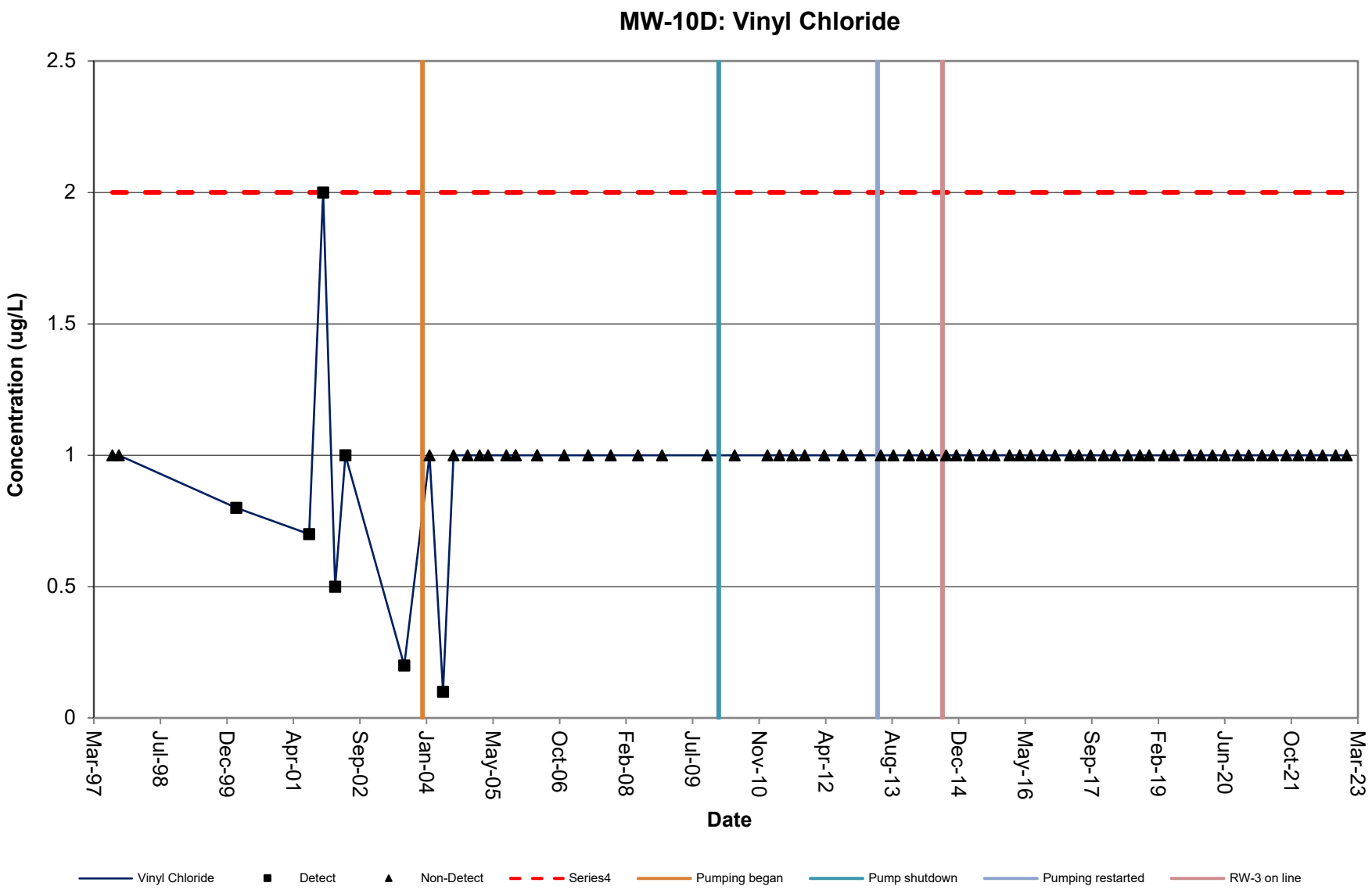

MW-10S: TCE
Concentration (ug/L)
0
1
2
3
4
5
6
7
8
Mar-97
Jul-98
Dec-99
Apr-01
Sep-02
Jan-04
May-05
Oct-06
Feb-08
Jul-09
Nov-10
Apr-12
Aug-13
Dec-14
May-16
Sep-17
Feb-19
Jun-20
Oct-21
Mar-23
Date
TCE
Detect
Non-Detect
NYSDEC Class GA Std
Pumping began
Pump shutdown
Pumping restarted
RW-3 on line


MW-10-S: cis-1,2 DCE
Concentration (ug/L)
50
45
40
35
30
25
20
15
10
5
0
Dec-99
Apr-01
Sep-02
Jan-04
May-05
Oct-06
Feb-08
Jul-09
Nov-10
Apr-12
Aug-13
Dec-14
May-16
Sep-17
Feb-19
Jun-20
Oct-21
Mar-23
Date
cis-1,2-DCE
Detect
Non-Detect
NYSDEC Class GA Std
Pumping began
Pump shutdown
Pumping restarted
RW-3 on line


MW-10S: Vinyl Chloride
Concentration (ug/L)
10
9
8
7
6
5
4
3
2
1
0
Dec-96
Apr-98
Aug-99
Jan-01
May-02
Oct-03
Feb-05
Jul-06
Nov-07
Mar-09
Aug-10
Dec-11
May-13
Sep-14
Jan-16
Jun-17
Oct-18
Mar-20
Jul-21
Dec-22
Date
Vinyl Chloride
Detect
Non-Detect
NYSDEC Class GA Std
Pumping began
Pump shutdown
Pumping restarted
RW-3 on line

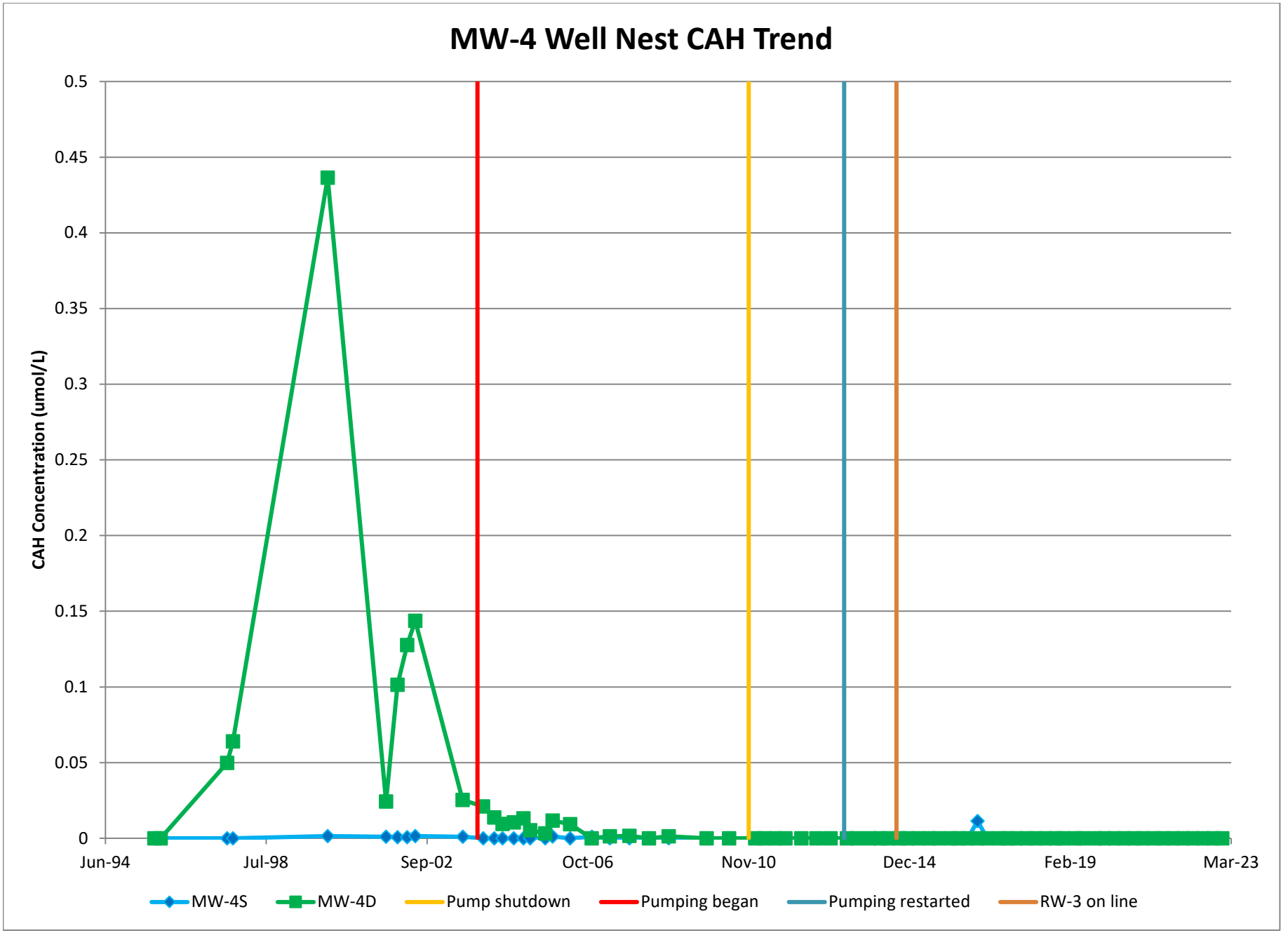

MW-10D: TCE
Concentration (ug/L)
0
1
2
3
4
5
6
Oct-95
Mar-97
Jul-98
Dec-99
Apr-01
Sep-02
Jan-04
May-05
Oct-06
Feb-08
Jul-09
Nov-10
Apr-12
Aug-13
Dec-14
May-16
Sep-17
Feb-19
Jun-20
Oct-21
Mar-23
Date
TCE
Detect
Non-Detect
NYSDEC Class GA Std
Pumping began
Pump shutdown
Pumping restarted
RW-3 on line

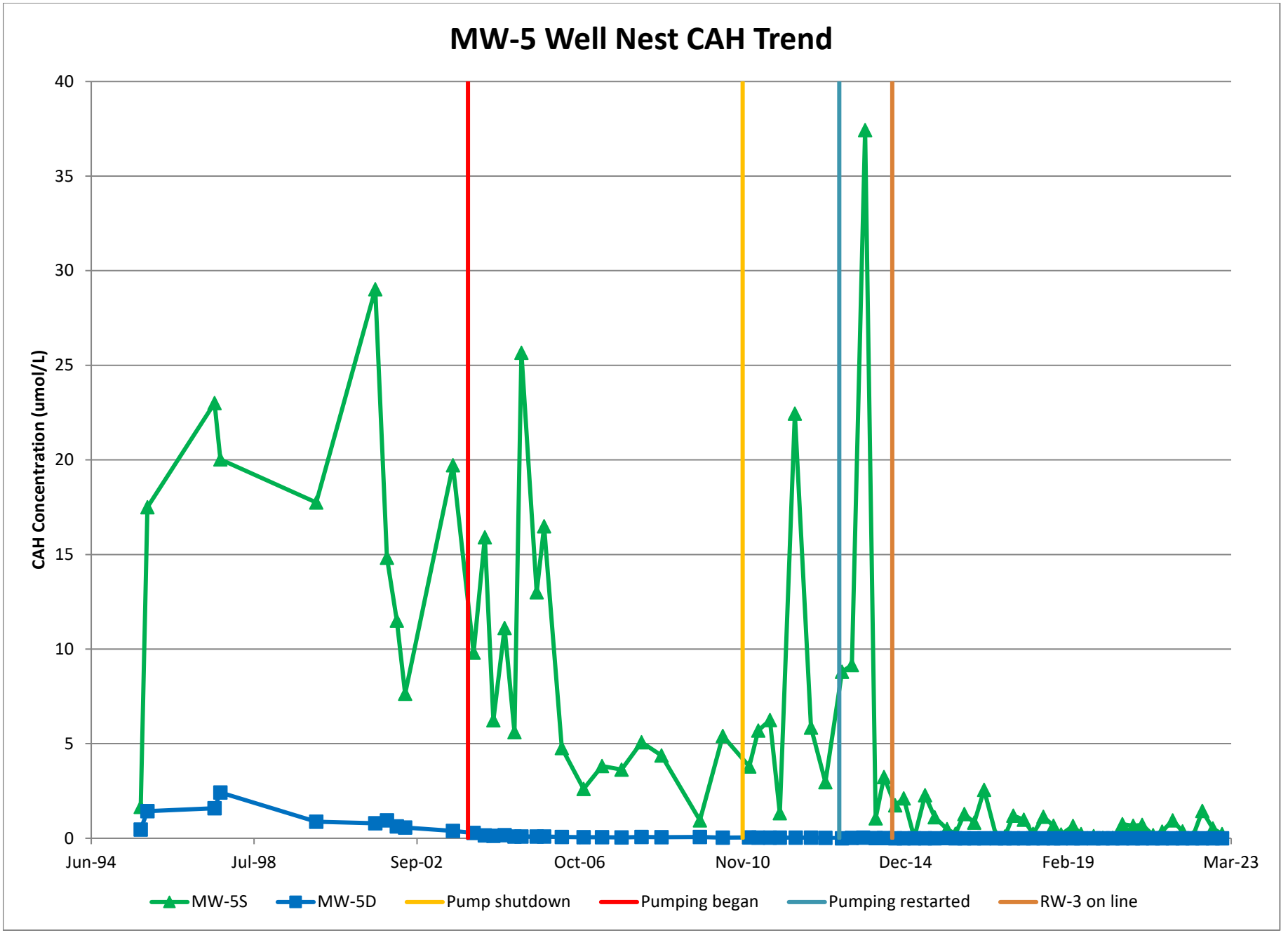

MW-10D: cis-1,2 DCE
Concentration (ug/L)
0
1
2
3
4
5
6
Dec-99
Apr-01
Sep-02
Jan-04
May-05
Oct-06
Feb-08
Jul-09
Nov-10
Apr-12
Aug-13
Dec-14
May-16
Sep-17
Feb-19
Jun-20
Oct-21
Mar-23
Date
cis-1,2-DCE
Detect
Non-Detect
NYSDEC Class GA Std
Pumping began
Pump shutdown
Pumping restarted
RW-3 on line

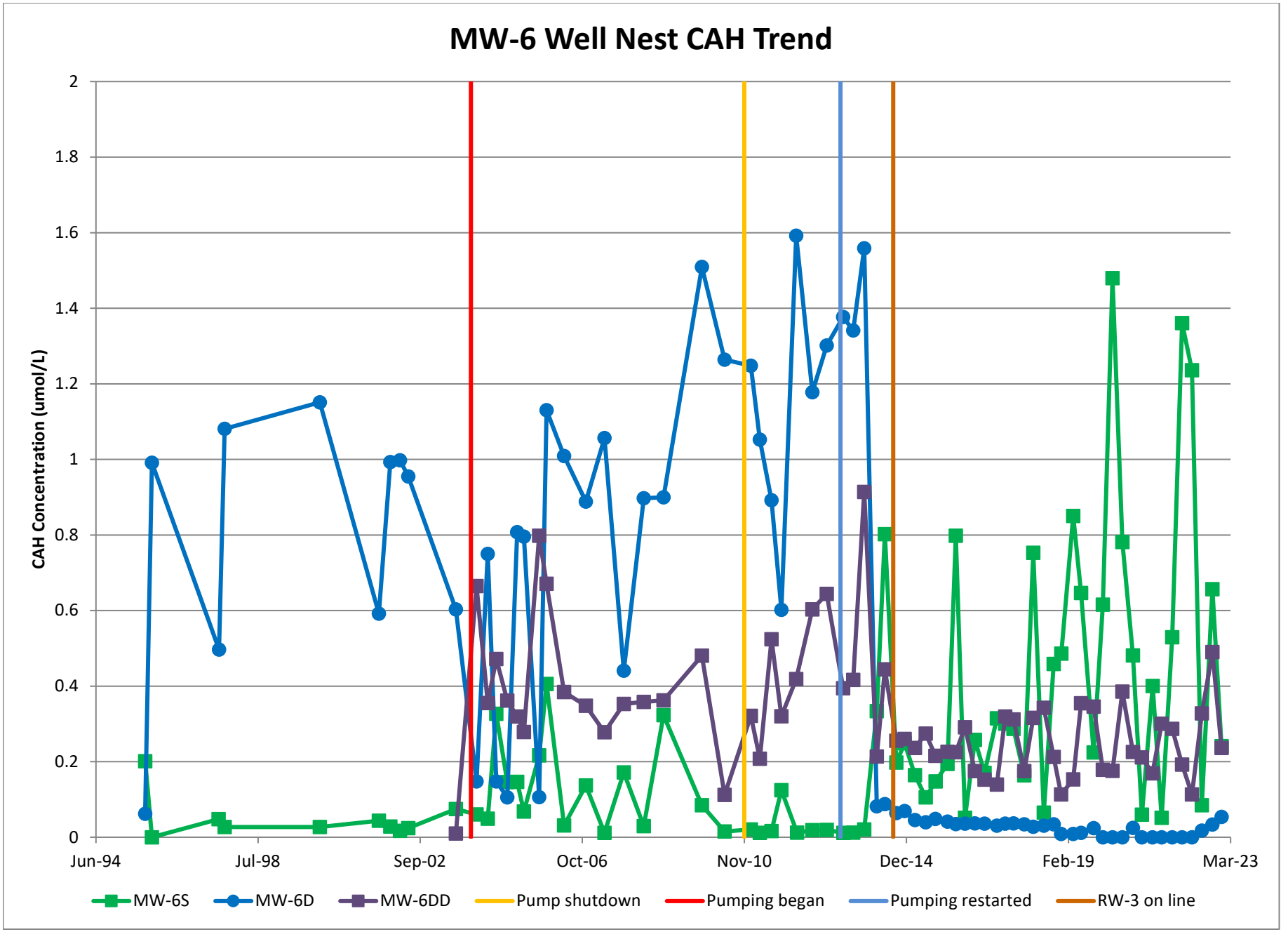

MW-10D: Vinyl Chloride
Concentration (ug/L)
2.5
2
1.5
1
0.5
0
Mar-97
Jul-98
Dec-99
Apr-01
Sep-02
Jan-04
May-05
Oct-06
Feb-08
Jul-09
Nov-10
Apr-12
Aug-13
Dec-14
May-16
Sep-17
Feb-19
Jun-20
Oct-21
Mar-23
Date
Vinyl Chloride
Detect
Non-Detect
Series4
Pumping began
Pump shutdown
Pumping restarted
RW-3 on line

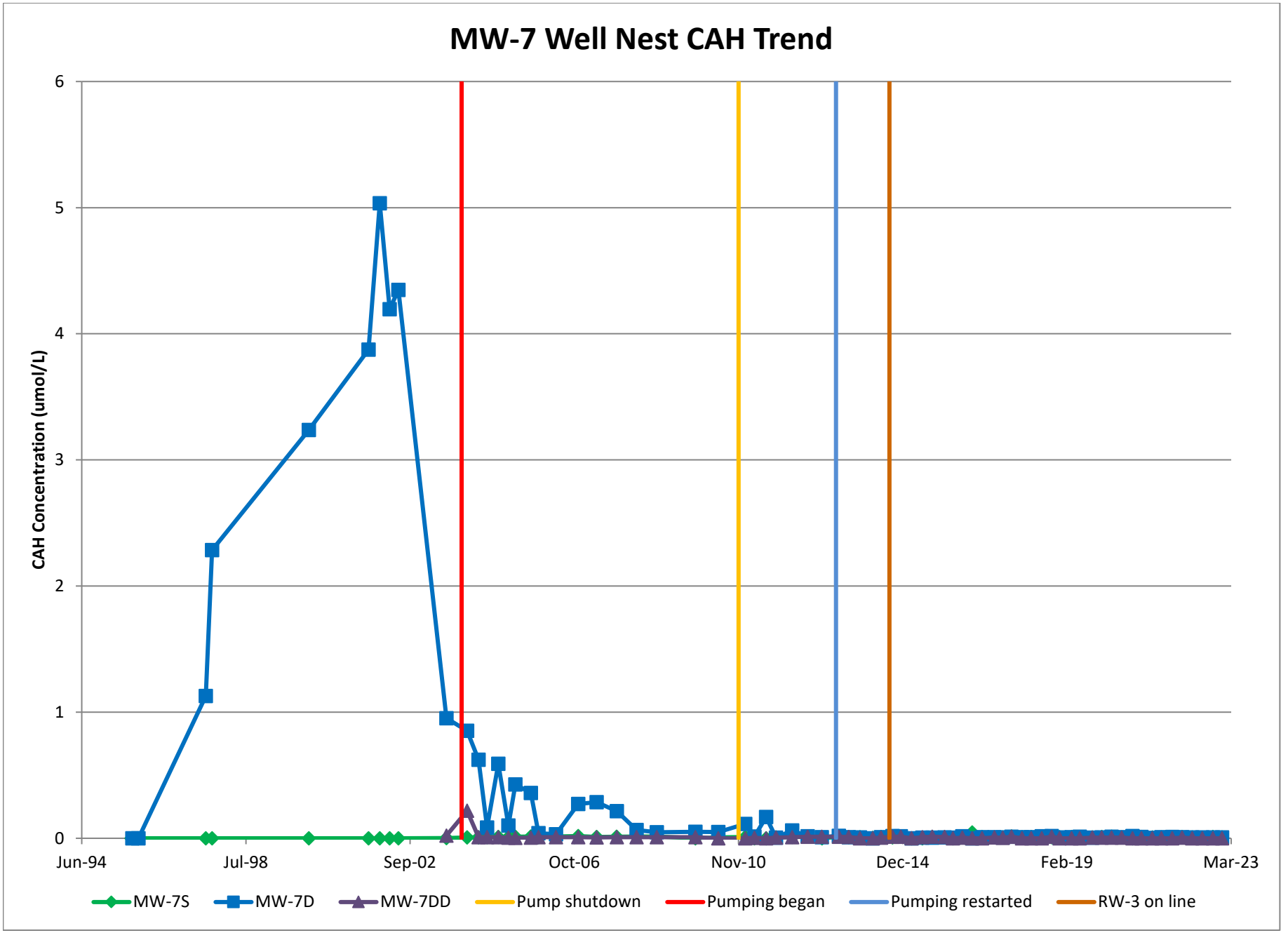
APPENDIX **E**

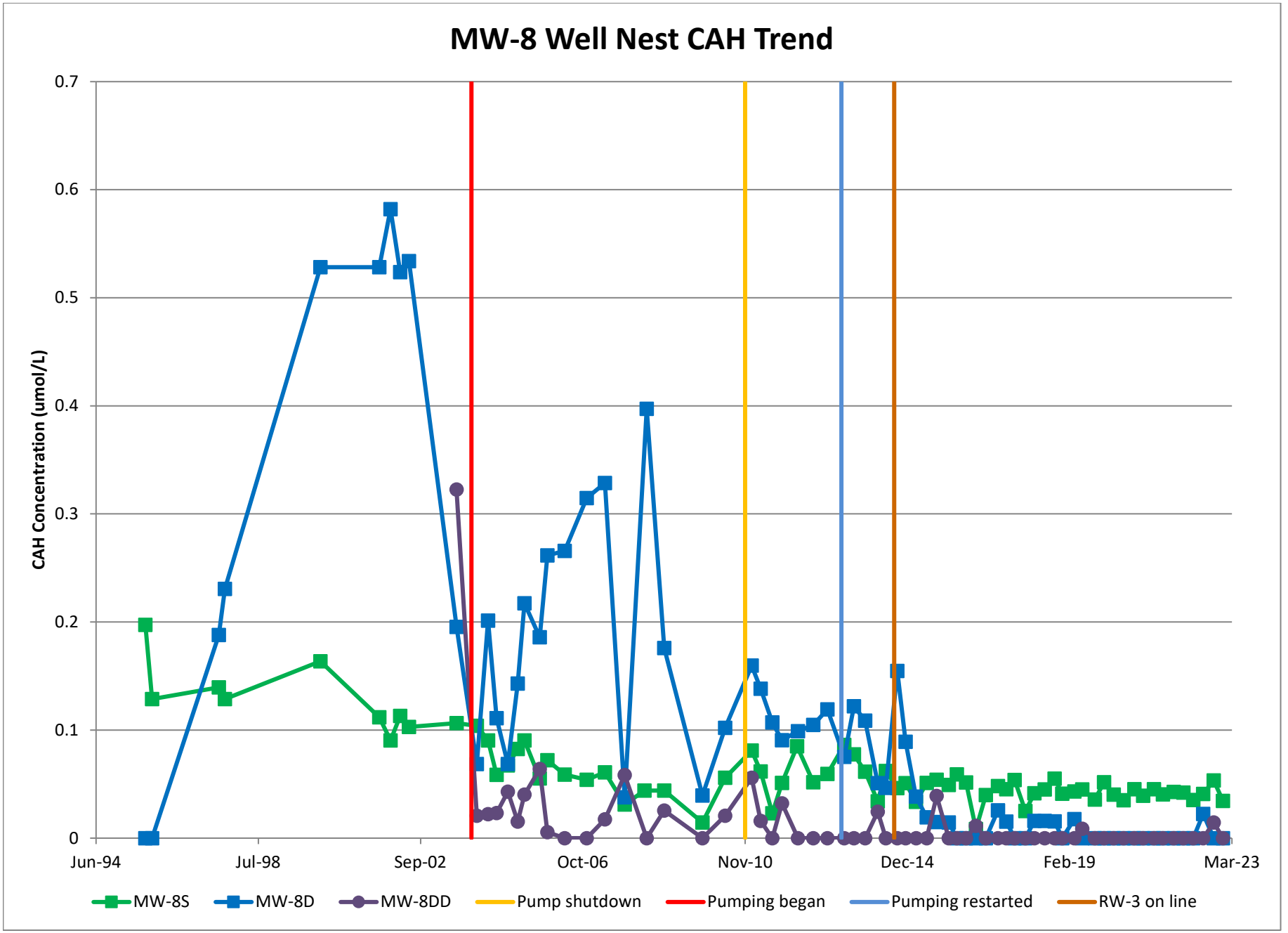
CAH MASS TRENDS

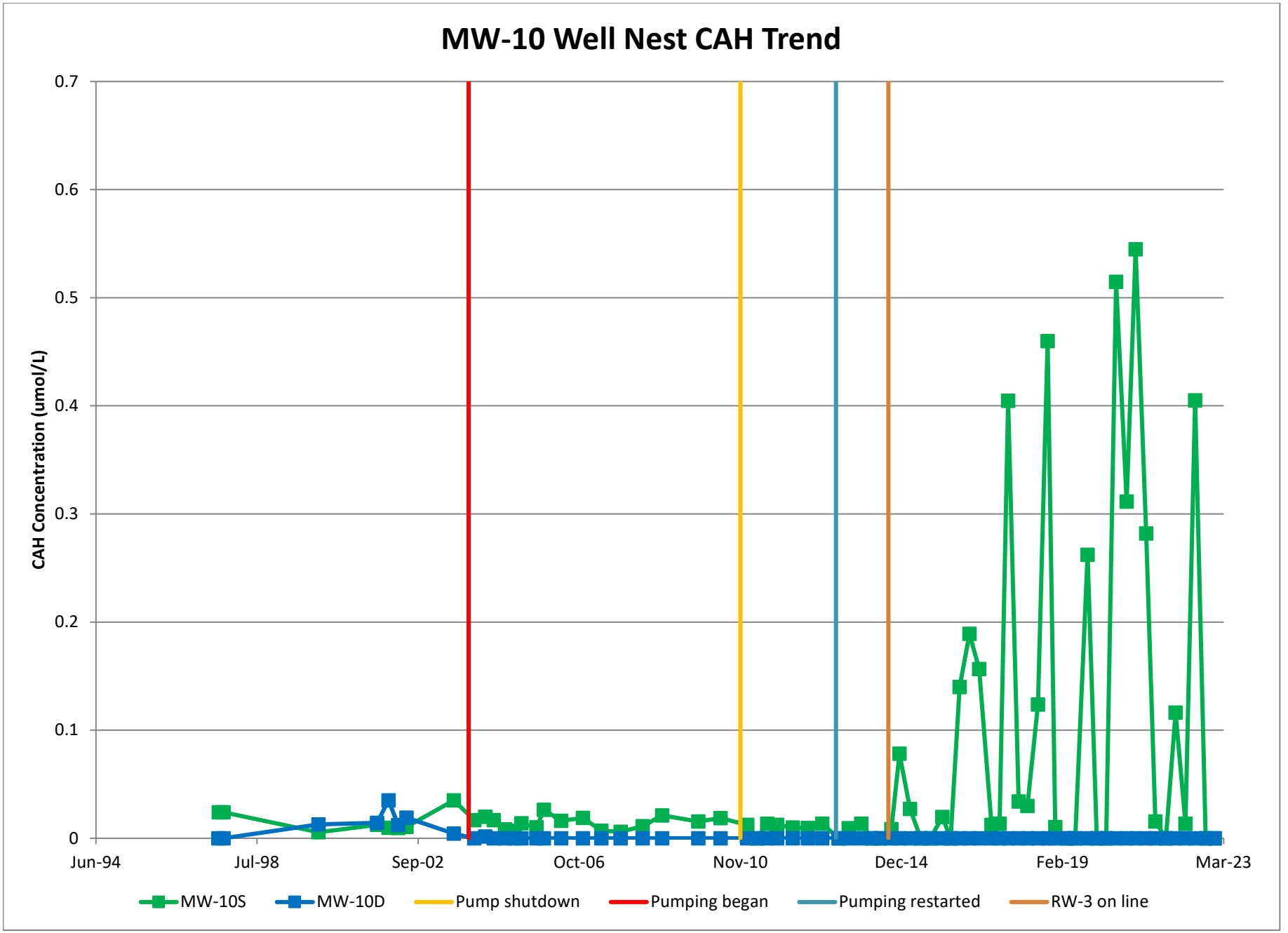

MW-4 Well Nest CAH Trend
CAH Concentration (umol/L)
0.5
0.45
0.4
0.35
0.3
0.25
0.2
0.15
0.1
0.05
0
Jun-94
Jul-98
Sep-02
Oct-06
Nov-10
Dec-14
Feb-19
Mar-23
MW-4S
MW-4D
Pump shutdown
Pumping began
Pumping restarted
RW-3 on line


MW-5 Well Nest CAH Trend
CAH Concentration (umol/L)
40
35
30
25
20
15
10
5
0
Jun-94
Jul-98
Sep-02
Oct-06
Nov-10
Dec-14
Feb-19
Mar-23
MW-5S
MW-5D
Pump shutdown
Pumping began
Pumping restarted
RW-3 on line


MW-6 Well Nest CAH Trend
CAH Concentration (umol/L)
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
Jun-94
Jul-98
Sep-02
Oct-06
Nov-10
Dec-14
Feb-19
Mar-23
MW-6S
MW-6D
MW-6DD
Pump shutdown
Pumping began
Pumping restarted
RW-3 on line


MW-7 Well Nest CAH Trend
CAH Concentration (umol/L)
6
5
4
3
2
1
0
Jun-94
Jul-98
Sep-02
Oct-06
Nov-10
Dec-14
Feb-19
Mar-23
MW-7S
MW-7D
MW-7DD
Pump shutdown
Pumping began
Pumping restarted
RW-3 on line


MW-8 Well Nest CAH Trend
CAH Concentration (umol/L)
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0
Jun-94
Jul-98
Sep-02
Oct-06
Nov-10
Dec-14
Feb-19
Mar-23
MW-8S
MW-8D
MW-8DD
Pump shutdown
Pumping began
Pumping restarted
RW-3 on line


MW-10 Well Nest CAH Trend
CAH Concentration (umol/L)
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0
Jun-94
Jul-98
Sep-02
Oct-06
Nov-10
Dec-14
Feb-19
Mar-23
MW-10S
MW-10D
Pump shutdown
Pumping began
Pumping restarted
RW-3 on line

APPENDIX **F**

REQUEST FOR APPROVAL OF MODIFICATION OF GROUNDWATER MONITORING AND REPORTING FREQUENCY

RAMBOLL

ENVIRONMENT
& HEALTH

Maeve Wurtz
Remedial Project Manager
United States Environmental Protection Agency
290 Broadway
New York, NY 10007

Approval Request for Modification of Groundwater Monitoring and Reporting Frequency - Forest Glen Superfund Site, Niagara Falls, New York

Date March 24, 2023

Ramboll
333 West Washington Street
Syracuse, NY 13202
USA

T 315-956-6100
F 315-463-7554
https://ramboll.com

Dear Ms. Wurtz:

On behalf of The Goodyear Tire & Rubber Company (Goodyear), Ramboll Americas Integrated Solutions, Inc. (RAIS) is providing this letter requesting approval from the United States Environmental Protection Agency (USEPA) to modify the groundwater sampling and reporting frequency associated with Post-Construction Operations, Maintenance, and Monitoring at the Forest Glen Superfund Site (the Site) located in Niagara Falls, New York.

Background
A Long-Term Monitoring Plan (LTMP) was prepared for Operable Unit No. 3 (OU3) groundwater in fulfillment of an element of the site remedy required by the Record of Decision (ROD) dated September 30, 1999 and described in Appendix B of the Statement of Work (SOW) contained in the Consent Decree in the matter of United States v. The Goodyear Tire & Rubber Company et. ano., Civil Action No. 960CV-07215 S (H), entered in the United States District Court for the Western District of New York on June 7, 2001.

The LTMP was submitted to the United States Environmental Protection Agency (USEPA) in the *Final Design (100% Completion) Report for Remedial Work Element 2* (RWE-2) (groundwater) on September 22, 2003. USEPA provided approval on September 26, 2003. The LTMP was designed to document the effectiveness of the Part 360 cover, the on-Site ground water recovery, and the off-Site MNA process. The long-term monitoring plan provides opportunities for future modification of the plan based on site conditions to provide a cost-effective monitoring program. Post-construction quarterly groundwater monitoring was initiated in accordance with the LTMP on February 2, 2004. The scope and

sequencing of the long-term ground water monitoring program are described below.

In accordance with the Statement of Work, the Remedial Action for RWE-2 will be executed until the Performance Standards have not been exceeded for a period of three consecutive years. Therefore, to evaluate the effectiveness of the Part 360 cover and ground water extraction, the LTMP provided for a five-year ground water monitoring program to be initiated subsequent to completion of RWE-1 and RWE-2 as follows:

- During the first two years of the five year monitoring program, quarterly monitoring of VOCs will be conducted from monitoring wells MW-1S, MW-1D, MW-4S, MW-4D, MW-5S, MW-5D, MW-6S, MW-6D, MW-6DD, MW-7S, MW-7D, MW-7DD(2), MW-8S, MW-8D, MW-8DD, MW-10S, and MW-10D (see attached **Figure 1** for well locations and current groundwater monitoring program). The fourth quarter of each year will also include monitoring of MNA parameters.
- During years three through five of post-construction monitoring, monitoring will be conducted on a semi-annual basis for VOCs and an annual basis for natural attenuation parameters for the monitoring wells specified above.
- After the fifth year of monitoring, the frequency of sampling will be annually. Such monitoring will continue on an annual basis until Performance Standards have been met at the on-Site and off-Site well locations for a period of three consecutive years.

Post-construction groundwater monitoring was conducted in accordance with the LTMP during the initial five-year period. As reported in the 2008 Annual Report (O'Brien & Gere Engineers, Inc. [OBG], March 2009), performance standards had not been achieved on-Site, but indicated general improvement in groundwater quality. To continue to monitor the progress in groundwater quality, annual rather than semi-annual sampling was proposed during 2009 and beyond. USEPA approved moving to annual sampling staring in 2009. Annual sampling was conducted during October 2009 and the second annual sampling event was conducted in May 2010.

During 2010, Goodyear proposed a two-year trial shutdown of the groundwater extraction system and USEPA provided conditional approval on November 5, 2010. The groundwater extraction system was shut down on November 18, 2010. As part of USEPA's conditional approval, groundwater monitoring would be conducted on a quarterly basis and data evaluated after one year for potential rebound in groundwater concentrations.

As reported in the 2013 Annual Report (OBG, March 2014), based on the trial shutdown groundwater monitoring data, it was decided at a May 10, 2012 meeting with Goodyear and USEPA that it was premature to propose permanent shutdown of the recovery well pumps with reliance on natural attenuation for the on-property component of the VOC plume. However, it was agreed that the data did not indicate the need to immediately restart the groundwater recovery wells, recognizing the value in understanding the groundwater response to shut down and potential information that could be collected in continuing the trial to November 2012 as originally planned. The groundwater recovery system was restarted on April 26, 2013.

Since 2012, Goodyear has been conducting quarterly groundwater monitoring for volatile organic compound (VOC) analysis comprising 38 monitoring events at 17 monitoring wells through the second

quarter 2022. Since 2012, 15 of these monitoring events included monitored natural attenuation (MNA) parameters.

The sixth Five-Year Review was issued by USEPA in July 2022 which stated that the implemented groundwater remedy at the Forest Glen Mobile Home Subdivision Superfund Site protects human health and the environment.

Proposed Modification to Monitoring Frequency
A robust analytical database has been generated for both VOCs and MNA parameters since initiation of post-construction groundwater monitoring during February 2004 (see trend graphs in **Attachment A**). As such, the following modifications to post-construction groundwater sampling program are considered appropriate:

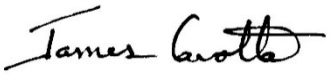
- Transition from quarterly to semiannual monitoring for VOCs at 13 of the current monitoring well locations (MW-5S, MW-5D, MW-6S, MW-6D, MW-6DD, MW-7S, MW-7D, MW-7DD, MW-8S, MW-8D, MW-8DD, MW-10S, and MW-10D, see **Figure 2**). It is proposed that the semiannual monitoring events occur on a repeating biennial basis, with monitoring alternating annually between the first and third quarters, and the second and fourth quarters to capture potential seasonal variability.
- Discontinue VOC monitoring at monitoring wells MW-1S, MW-1D, MW-4S, and MW-4D (see **Figure 2**). VOCs have not been detected at MW-1S or MW-1D since the initiation of monitoring during 1995. Trichloroethene (TCE) and vinyl chloride (VC) have not been detected at MW-4S since the initiation of monitoring during 1995, and cis-1,2-dichloroethene (cDCE) has not been detected since 2016. TCE, cDCE, and VC have not been detected at MW-4D since 2006, 2000, and 1995, respectively.
- Discontinue monitoring of MNA parameters. Thirty-four MNA parameter monitoring events have been conducted to date. These data continue to provide evidence that the shallow and deep bedrock systems are geochemically suitable for the occurrence of anaerobic degradation via reductive dechlorination. The continued collection of MNA parameter data does not add to the current understanding of natural attenuation mechanisms.

Notwithstanding the proposed modifications to the groundwater sampling program as described above, groundwater elevation monitoring will continue on a quarterly basis from 32 monitoring wells to continue to evaluate and demonstrate that hydraulic control of the on-Site groundwater plume is being maintained.

Proposed Modification to Reporting Frequency
Currently, three quarterly reports and one annual report are submitted to USEPA. Consistent with the proposed modification to the sampling frequency, it is proposed that one annual report be submitted for each monitoring year. It is proposed that the format of future annual reports remain consistent with annual reports previously submitted.

We look forward to your approval of the proposed sampling and reporting modifications. As always, if you have any questions regarding this request, or the project in general, do not hesitate to contact me at (315) 575-0729.

Yours sincerely



James Cavotta
Sr. Project Manager
657-E&H PM RESOURCES

D 315-956-6836
M 315-575-0729
james.cavotta@ramboll.com

cc: Jeff Sussman – Goodyear
Chris Wiley - Goodyear
Paul Mazurkiewicz – Ramboll
Dave Carnevale - Ramboll

IMAGE REFERENCE: BING MAPS 11/2018.

LEGEND

- FENCE LINE
- RAILROAD TRACKS
- EXISTING WELL LOCATION - GROUNDWATER ELEVATION MONITORING
- EXISTING WELL LOCATION - GROUNDWATER ELEVATION AND ANALYTICAL MONITORING
- EXISTING WELL LOCATION - NOT MONITORED
- ENGINEERED CAP LIMITS

300' 0 300'

CURRENT GROUNDWATER MONITORING PROGRAM

FOREST GLEN SUPERFUND SITE
NIAGARA COUNTY, NEW YORK

AUGUST 2022

FIGURE 01

O'BRIEN & GERE ENGINEERS
A RAMBOLL COMPANY

RAMBOLL

I:\Goodyear.5540\70165.Forest-Glen-2011\Docs\DWG\Sheets\70165-032-FIG1.dwg

PROJECT: 5540.70165 DATED: 8/31/2022 9:13 AM DESIGNER: KENTDO

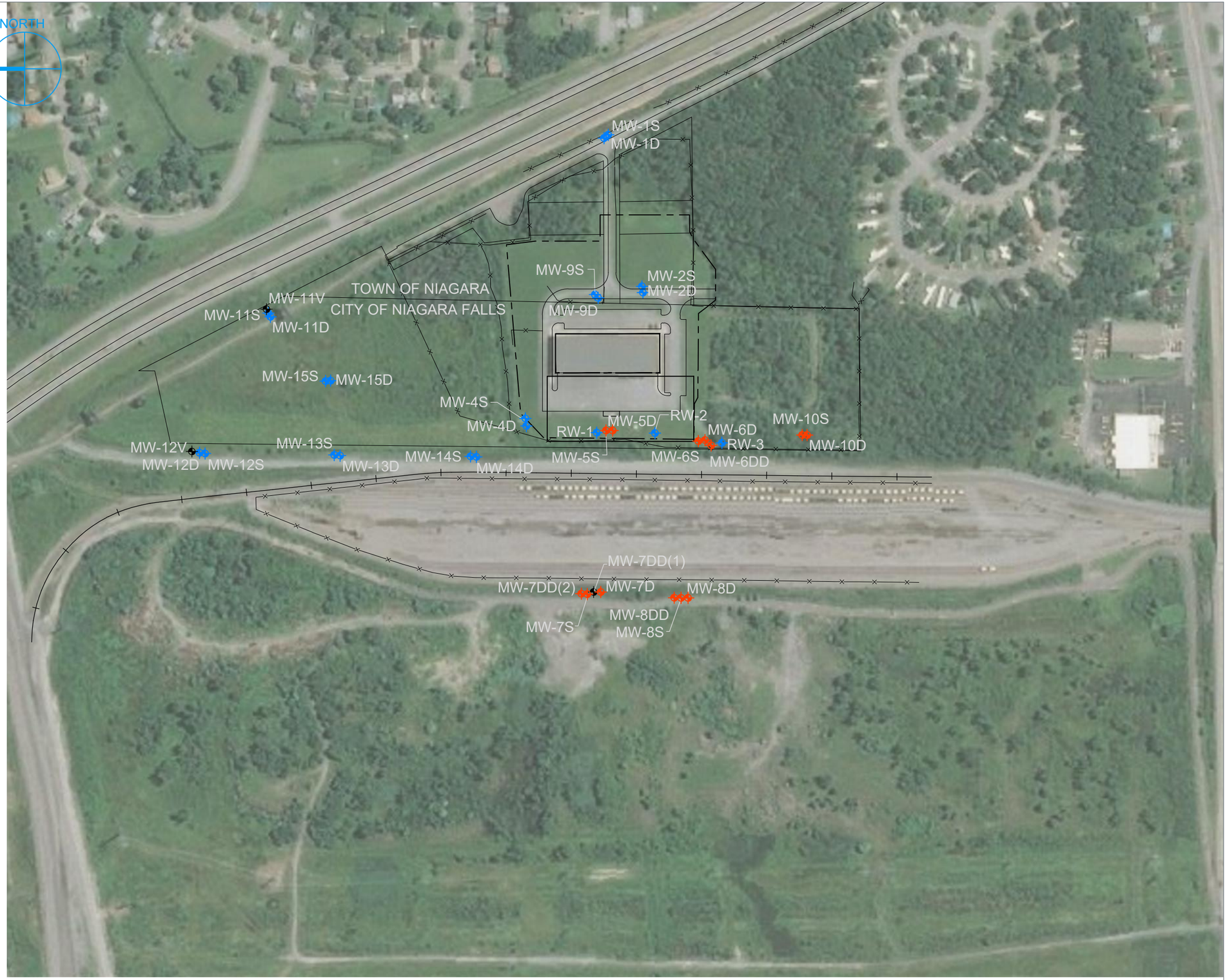


IMAGE REFERENCE: BING MAPS 11/2018.

LEGEND

- FENCE LINE
- RAILROAD TRACKS
- EXISTING WELL LOCATION - GROUNDWATER ELEVATION MONITORING
- EXISTING WELL LOCATION - GROUNDWATER ELEVATION AND ANALYTICAL MONITORING
- EXISTING WELL LOCATION - NOT MONITORED
- ENGINEERED CAP LIMITS

300' 0 300'

PROPOSED GROUNDWATER MONITORING PROGRAM

FOREST GLEN SUPERFUND SITE
NIAGARA COUNTY, NEW YORK

AUGUST 2022

FIGURE 02

O'BRIEN & GERE ENGINEERS
A RAMBOLL COMPANY

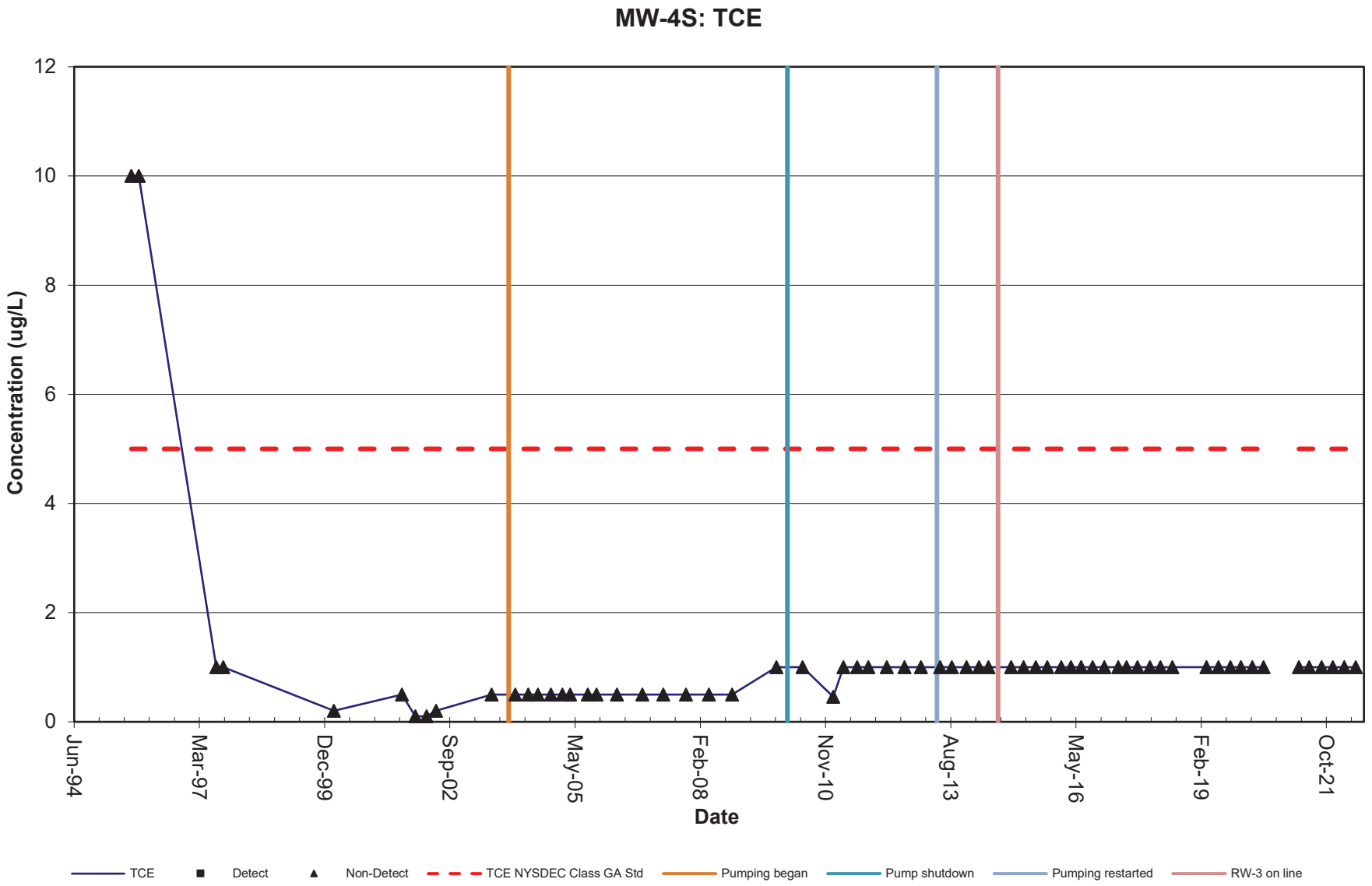
RAMBOLL

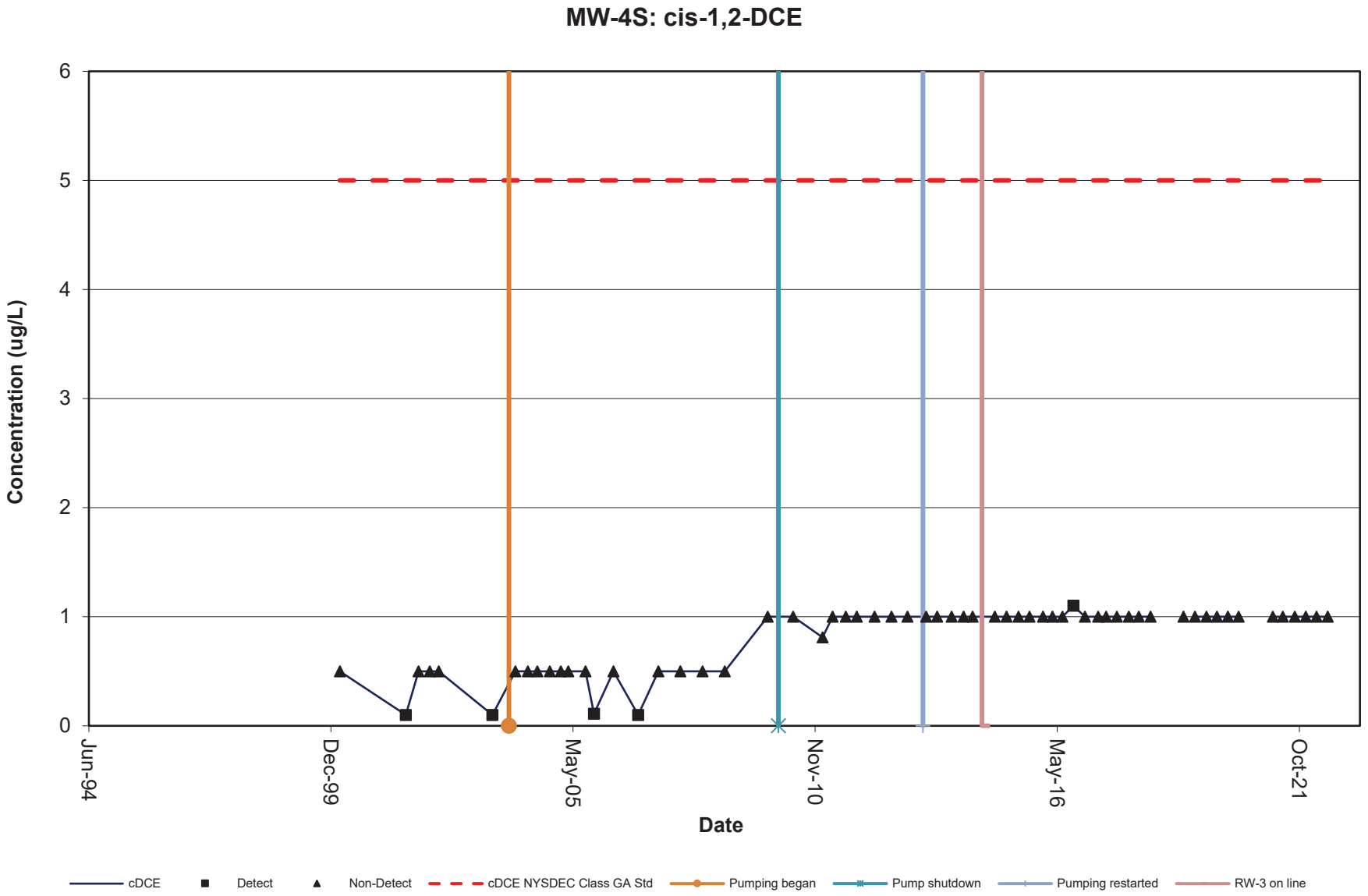
I:\Goodyear.5540\70165.Forest-Glen-2011Docs\DWG\Sheets\70165-033-FIG1.dwg
PROJECT: 5540.70165 DATED: 8/31/2022 11:17 AM DESIGNER: KENTDO

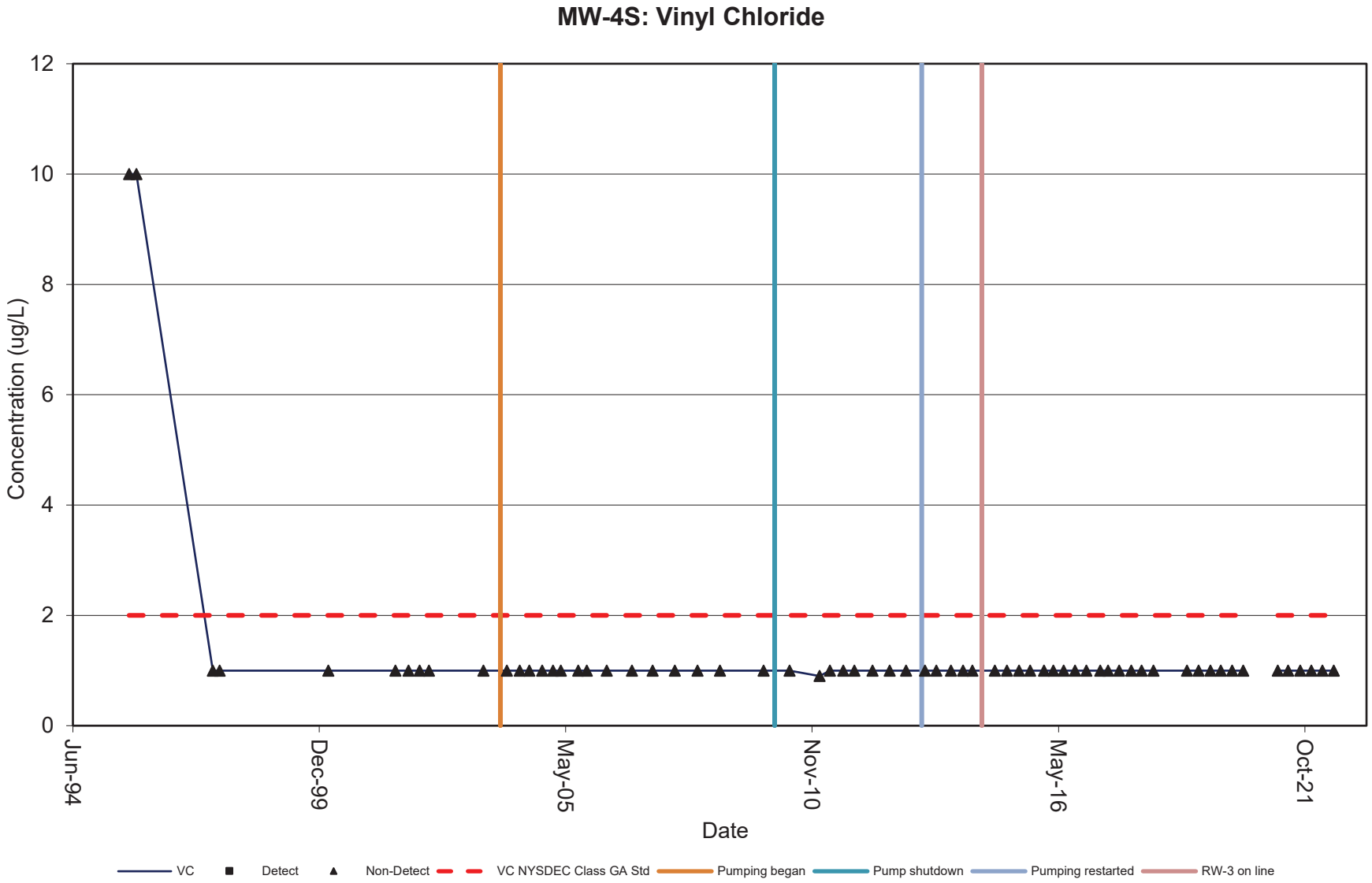
ATTACHMENT A

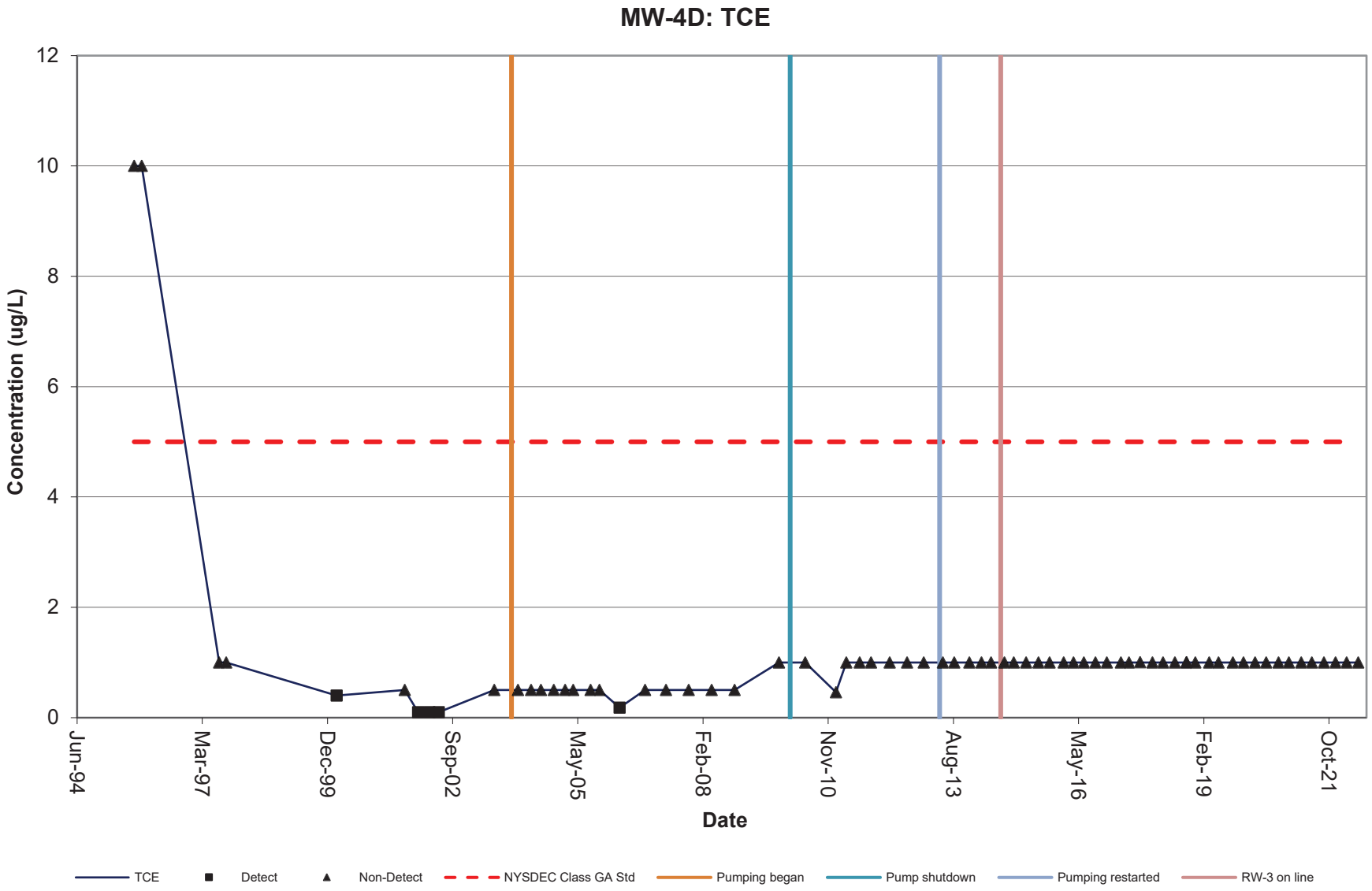
CONCENTRATION TREND GRAPHS

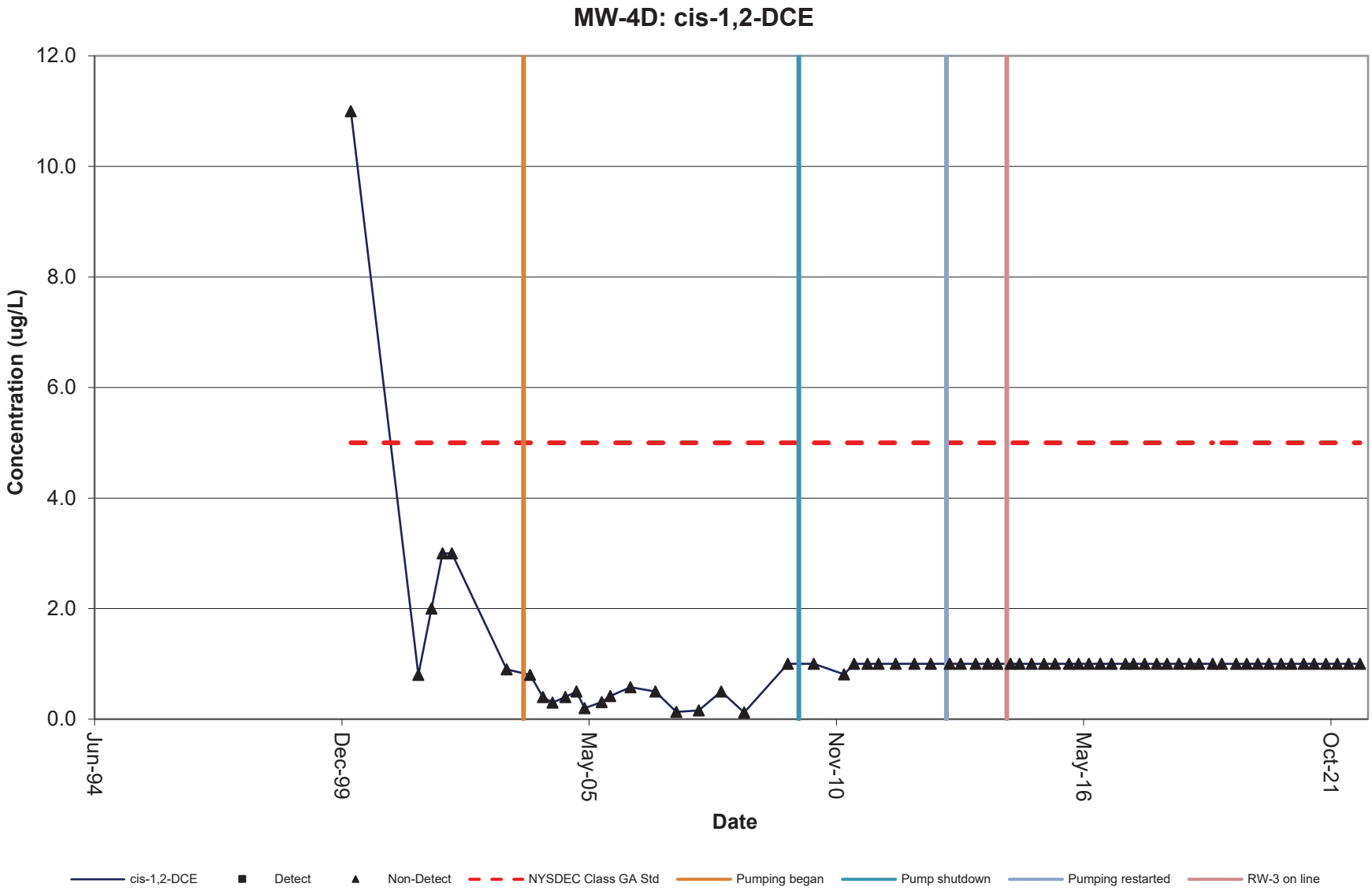
(PREVIOUSLY PROVIDED IN THE SECOND QUARTER 2022 GROUNDWATER RESULTS LETTER)

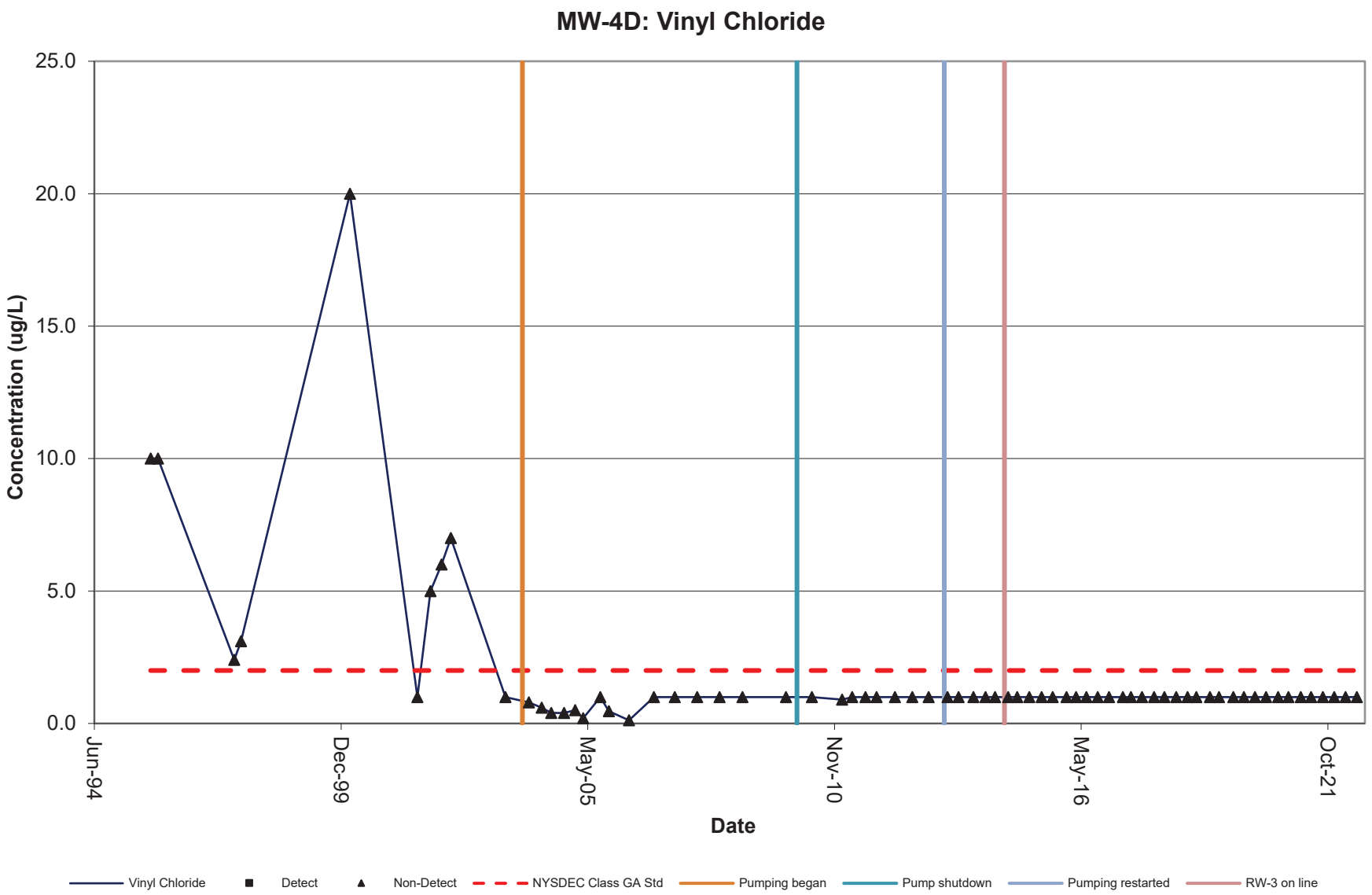

MW-4S: TCE
Concentration (ug/L)
12
10
8
6
4
2
0
Jun-94
Mar-97
Dec-99
Sep-02
May-05
Feb-08
Nov-10
Aug-13
May-16
Feb-19
Oct-21
Date
TCE
Detect
Non-Detect
TCE NYSDEC Class GA Std
Pumping began
Pump shutdown
Pumping restarted
RW-3 on line

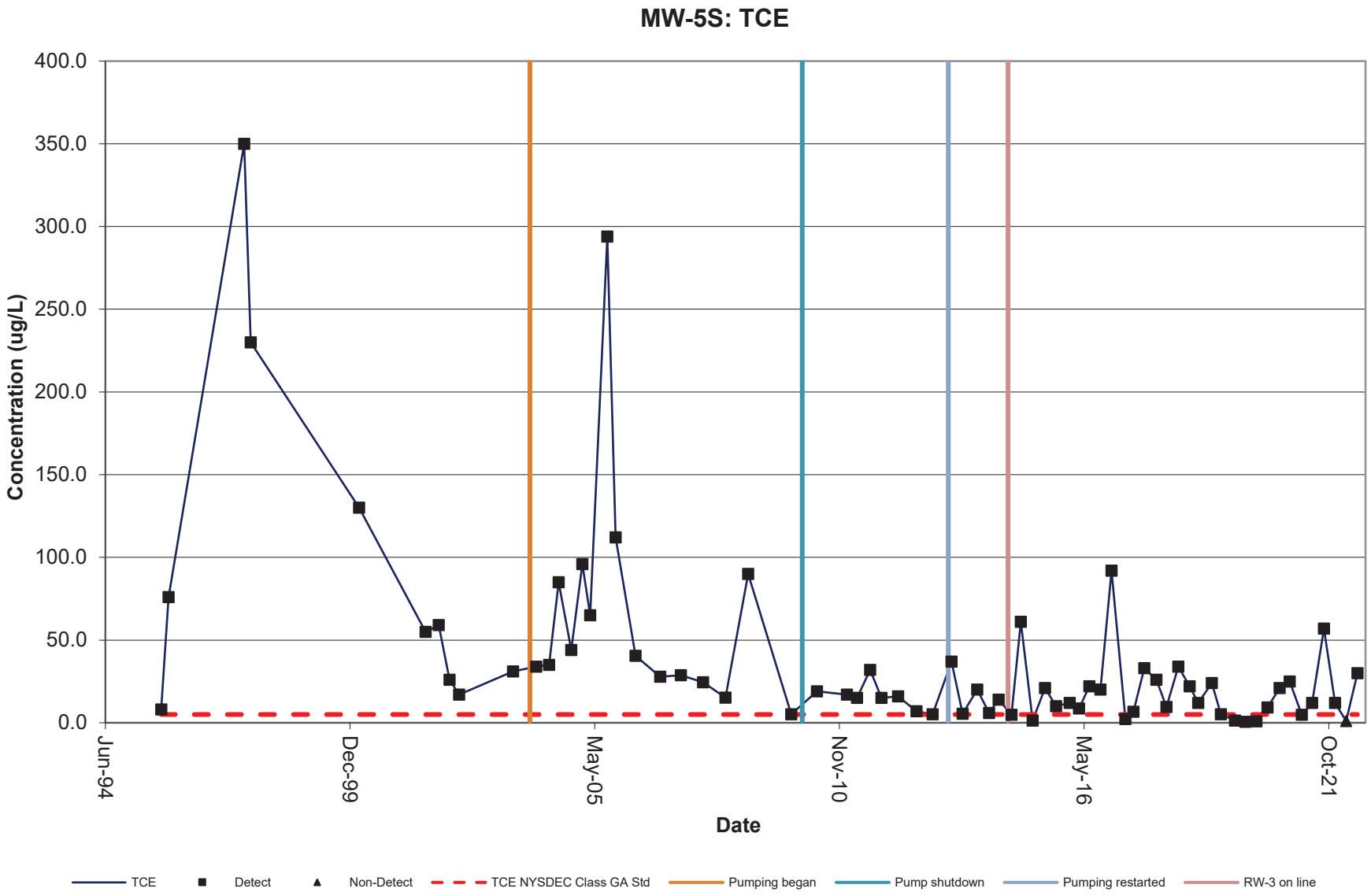

MW-4S: cis-1,2-DCE
Concentration (ug/L)
6
5
4
3
2
1
0
Jun-94
Dec-99
May-05
Nov-10
May-16
Oct-21
Date
cDCE
Detect
Non-Detect
cDCE NYSDEC Class GA Std
Pumping began
Pump shutdown
Pumping restarted
RW-3 on line

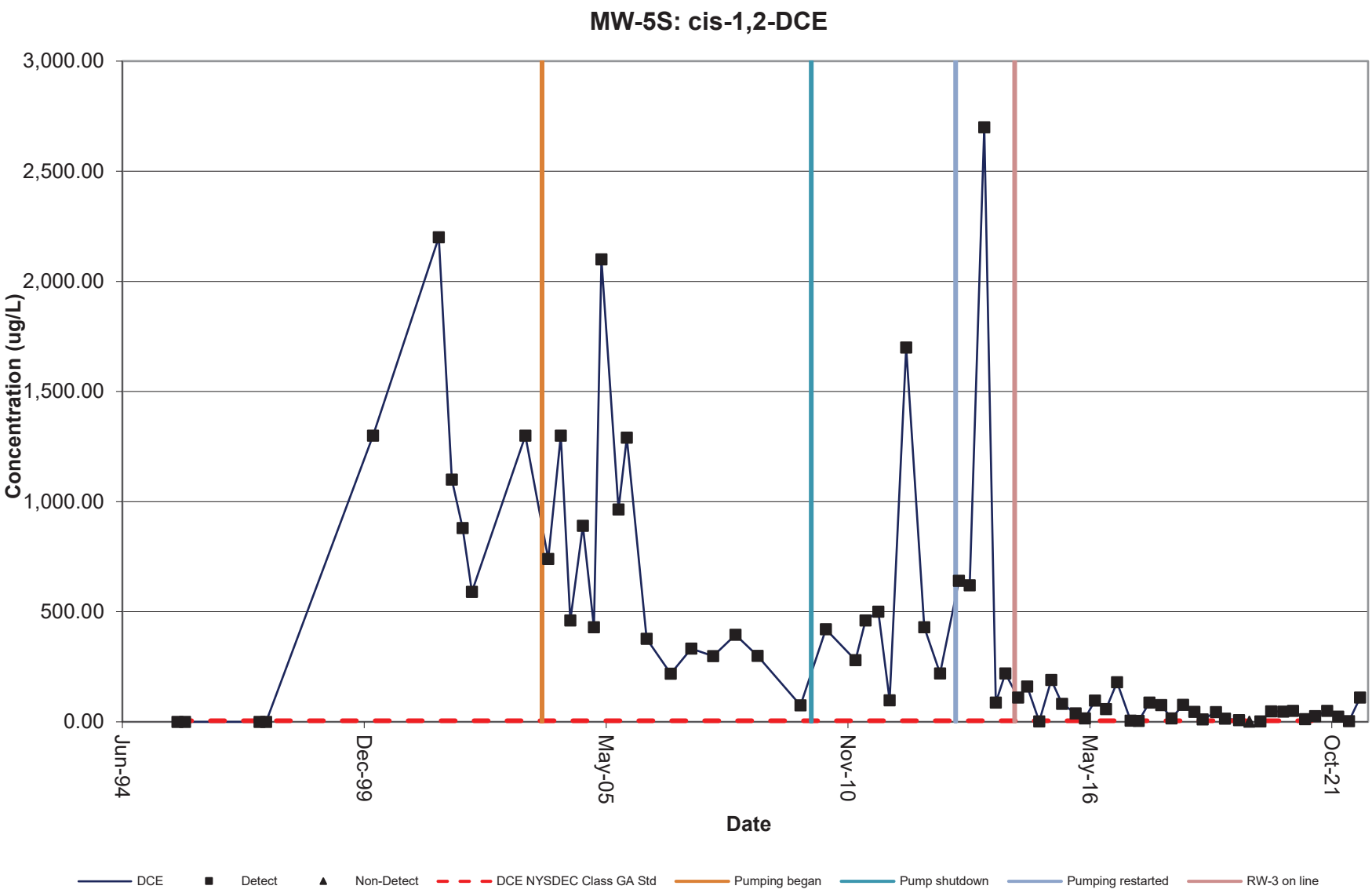

MW-4S: Vinyl Chloride
12
10
8
6
4
2
0
Concentration (ug/L)
Jun-94
Dec-99
May-05
Nov-10
May-16
Oct-21
Date
VC
Detect
Non-Detect
VC NYSDEC Class GA Std
Pumping began
Pump shutdown
Pumping restarted
RW-3 on line

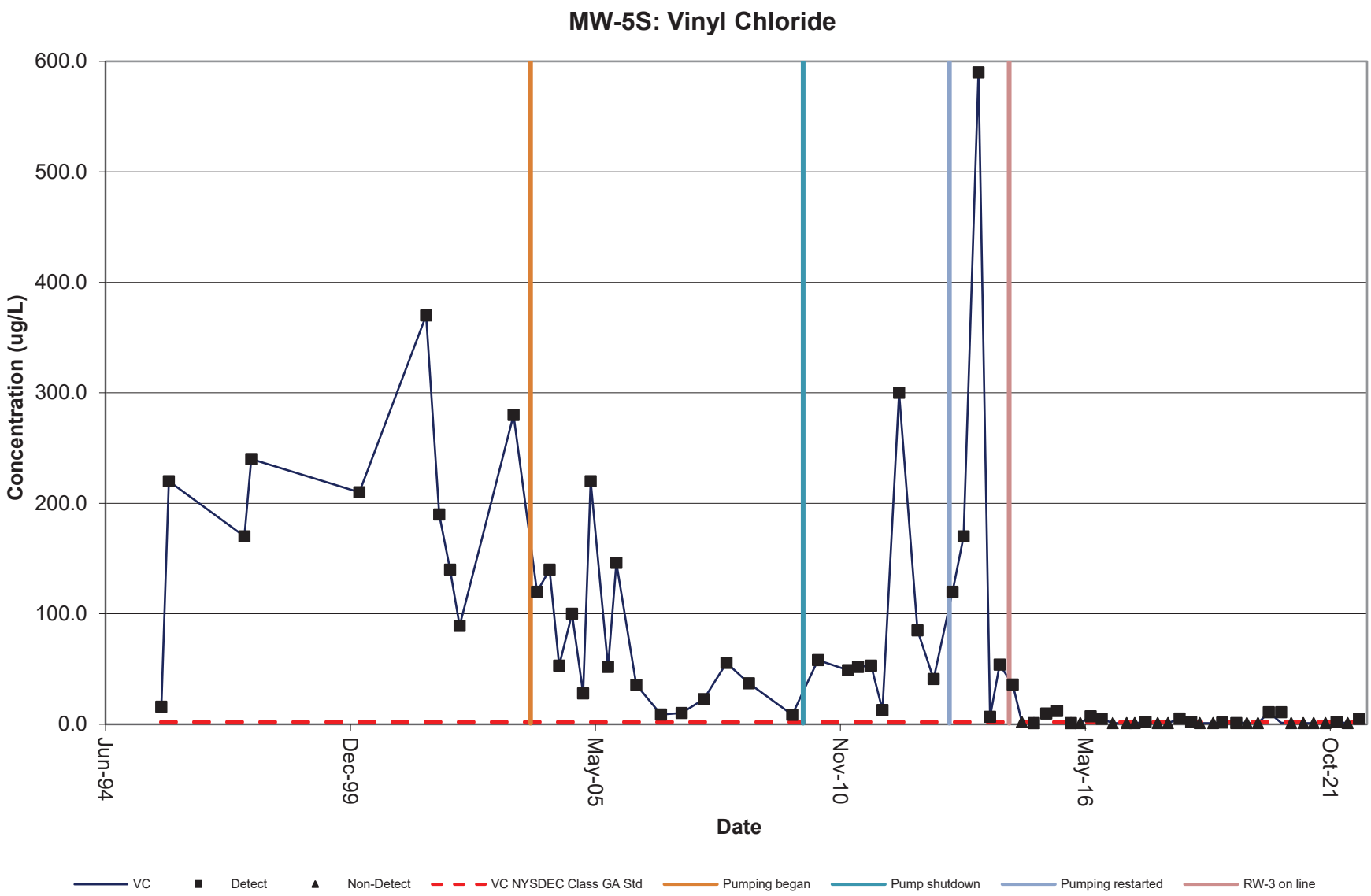

MW-4D: TCE
Concentration (ug/L)
12
10
8
6
4
2
0
Jun-94
Mar-97
Dec-99
Sep-02
May-05
Feb-08
Nov-10
Aug-13
May-16
Feb-19
Oct-21
Date
TCE
Detect
Non-Detect
NYSDEC Class GA Std
Pumping began
Pump shutdown
Pumping restarted
RW-3 on line

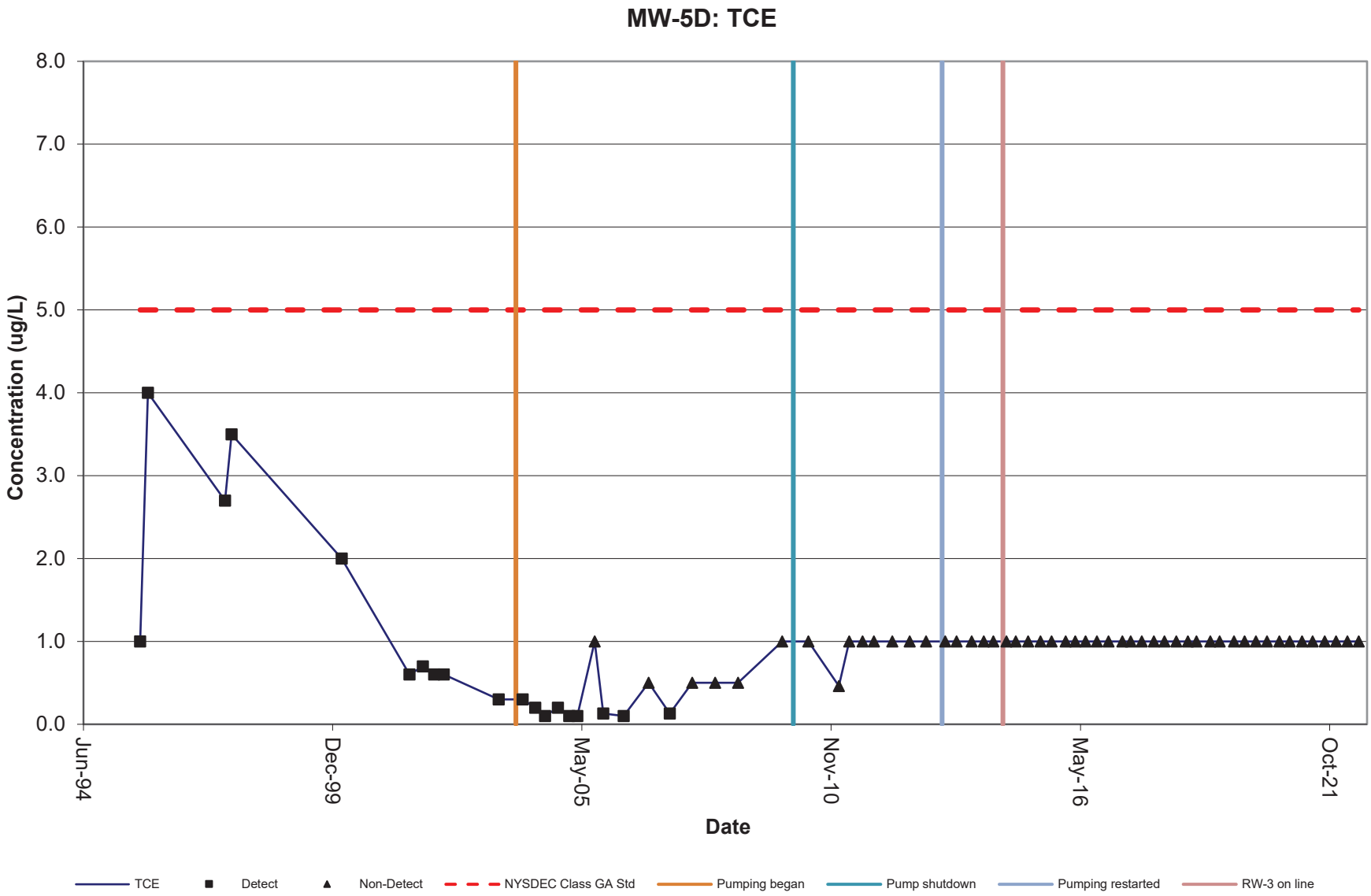

MW-4D: cis-1,2-DCE
Concentration (ug/L)
12.0
10.0
8.0
6.0
4.0
2.0
0.0
Jun-94
Dec-99
May-05
Nov-10
May-16
Oct-21
Date
cis-1,2-DCE
Detect
Non-Detect
NYSDEC Class GA Std
Pumping began
Pump shutdown
Pumping restarted
RW-3 on line

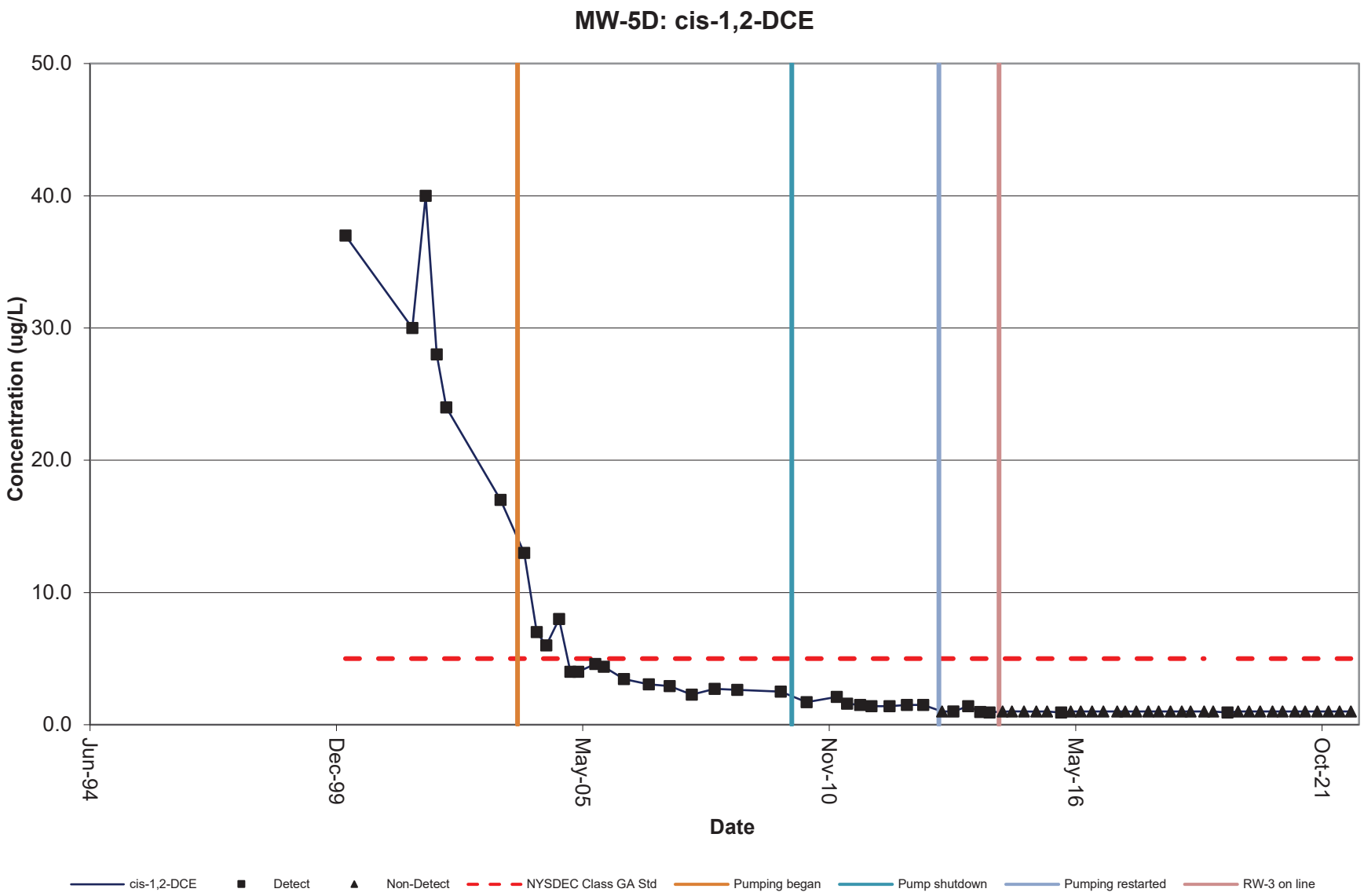

MW-4D: Vinyl Chloride
25.0
20.0
15.0
10.0
5.0
0.0
Concentration (ug/L)
Jun-94
Dec-99
May-05
Nov-10
May-16
Oct-21
Date
Vinyl Chloride
Detect
Non-Detect
NYSDEC Class GA Std
Pumping began
Pump shutdown
Pumping restarted
RW-3 on line

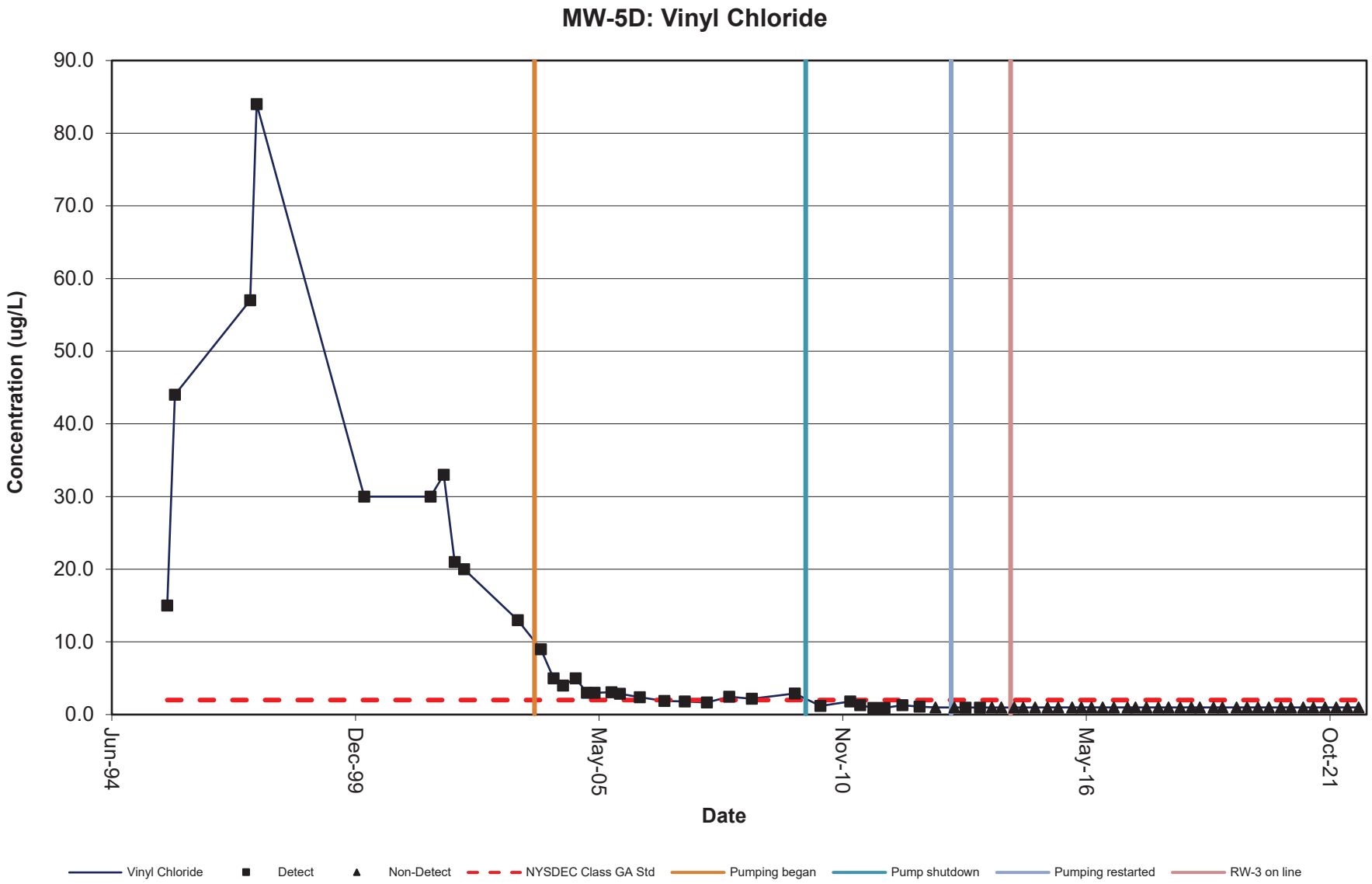

MW-5S: TCE
Concentration (ug/L)
400.0
350.0
300.0
250.0
200.0
150.0
100.0
50.0
0.0
Jun-94
Dec-99
May-05
Nov-10
May-16
Oct-21
Date
TCE
Detect
Non-Detect
TCE NYSDEC Class GA Std
Pumping began
Pump shutdown
Pumping restarted
RW-3 on line

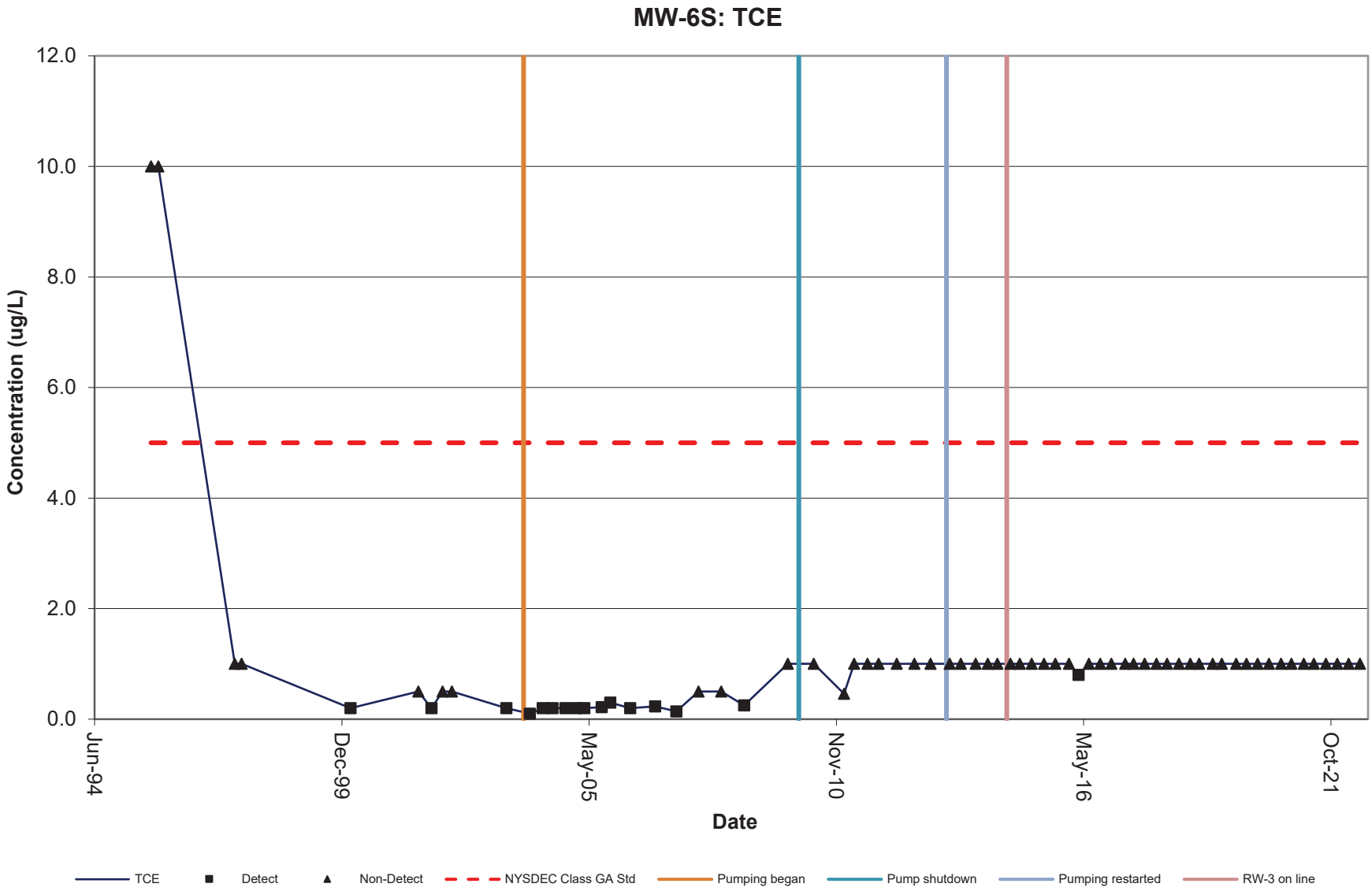

MW-5S: cis-1,2-DCE
3,000.00
2,500.00
2,000.00
1,500.00
1,000.00
500.00
0.00
Concentration (ug/L)
Jun-94
Dec-99
May-05
Nov-10
May-16
Oct-21
Date
DCE
Detect
Non-Detect
DCE NYSDEC Class GA Std
Pumping began
Pump shutdown
Pumping restarted
RW-3 on line

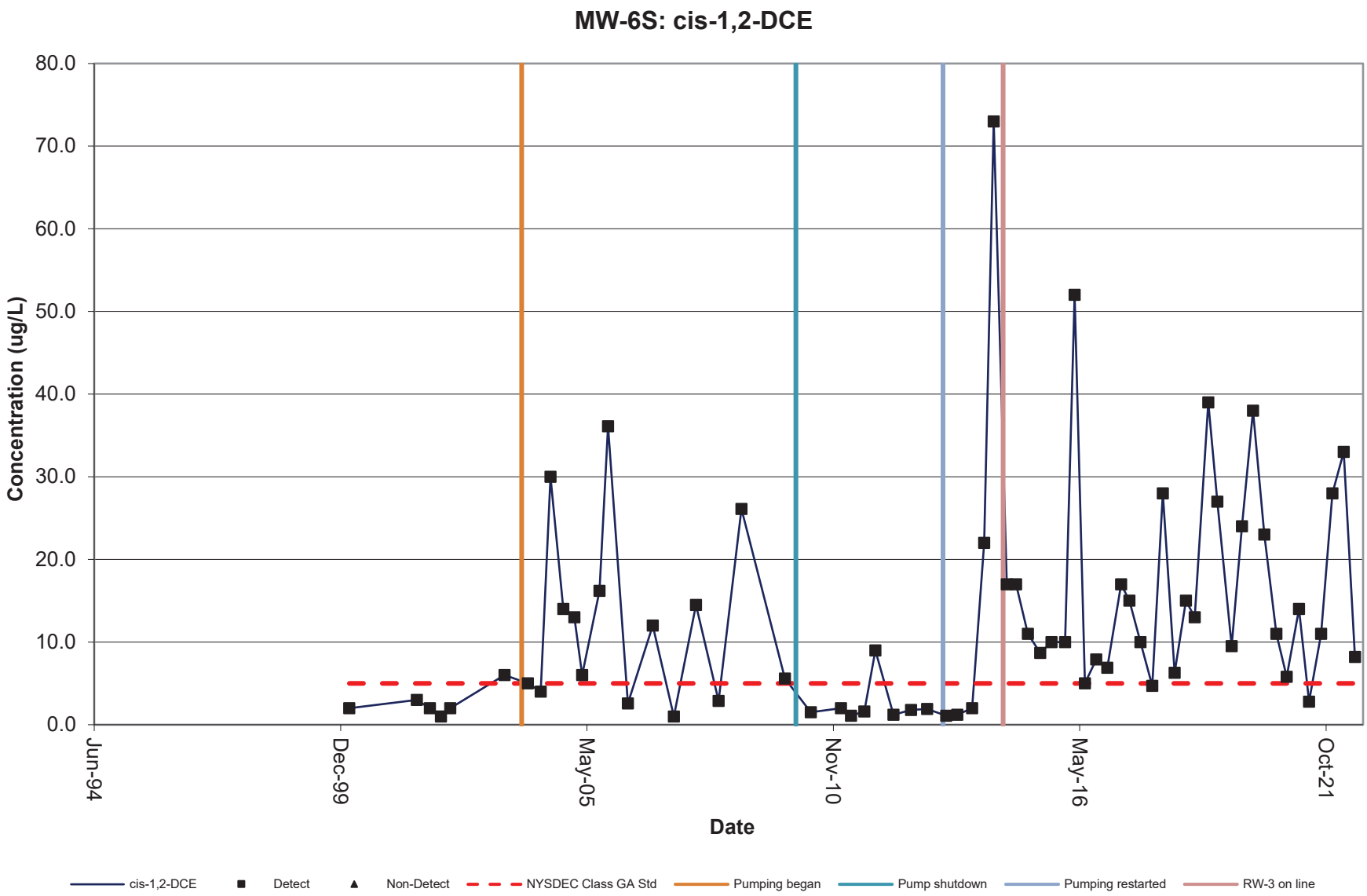

MW-5S: Vinyl Chloride
600.0
500.0
400.0
300.0
200.0
100.0
0.0
Concentration (ug/L)
Jun-94
Dec-99
May-05
Nov-10
May-16
Oct-21
Date
VC
Detect
Non-Detect
VC NYSDEC Class GA Std
Pumping began
Pump shutdown
Pumping restarted
RW-3 on line

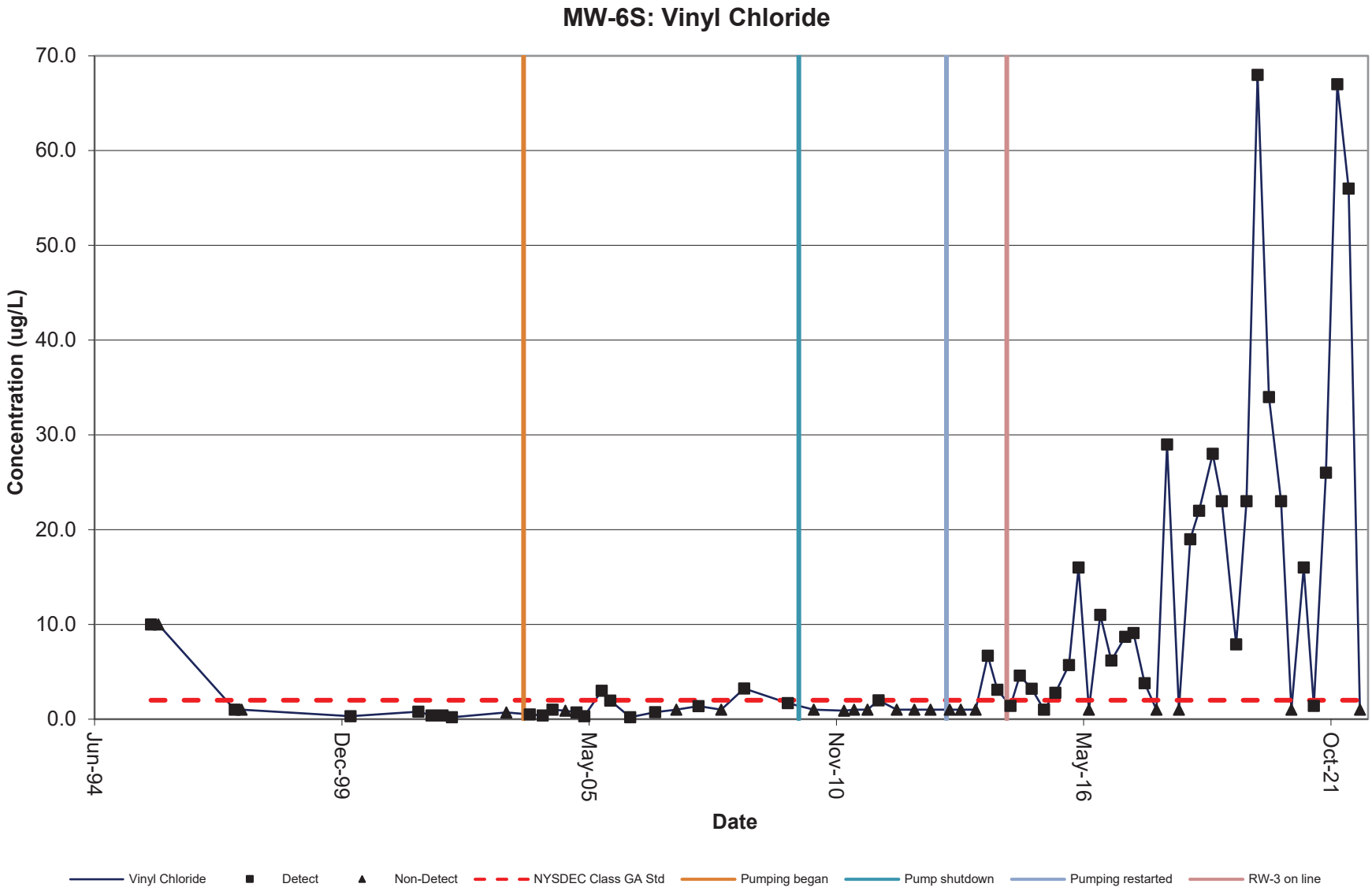

MW-5D: TCE
Concentration (ug/L)
8.0
7.0
6.0
5.0
4.0
3.0
2.0
1.0
0.0
Jun-94
Dec-99
May-05
Nov-10
May-16
Oct-21
Date
TCE
Detect
Non-Detect
NYSDEC Class GA Std
Pumping began
Pump shutdown
Pumping restarted
RW-3 on line

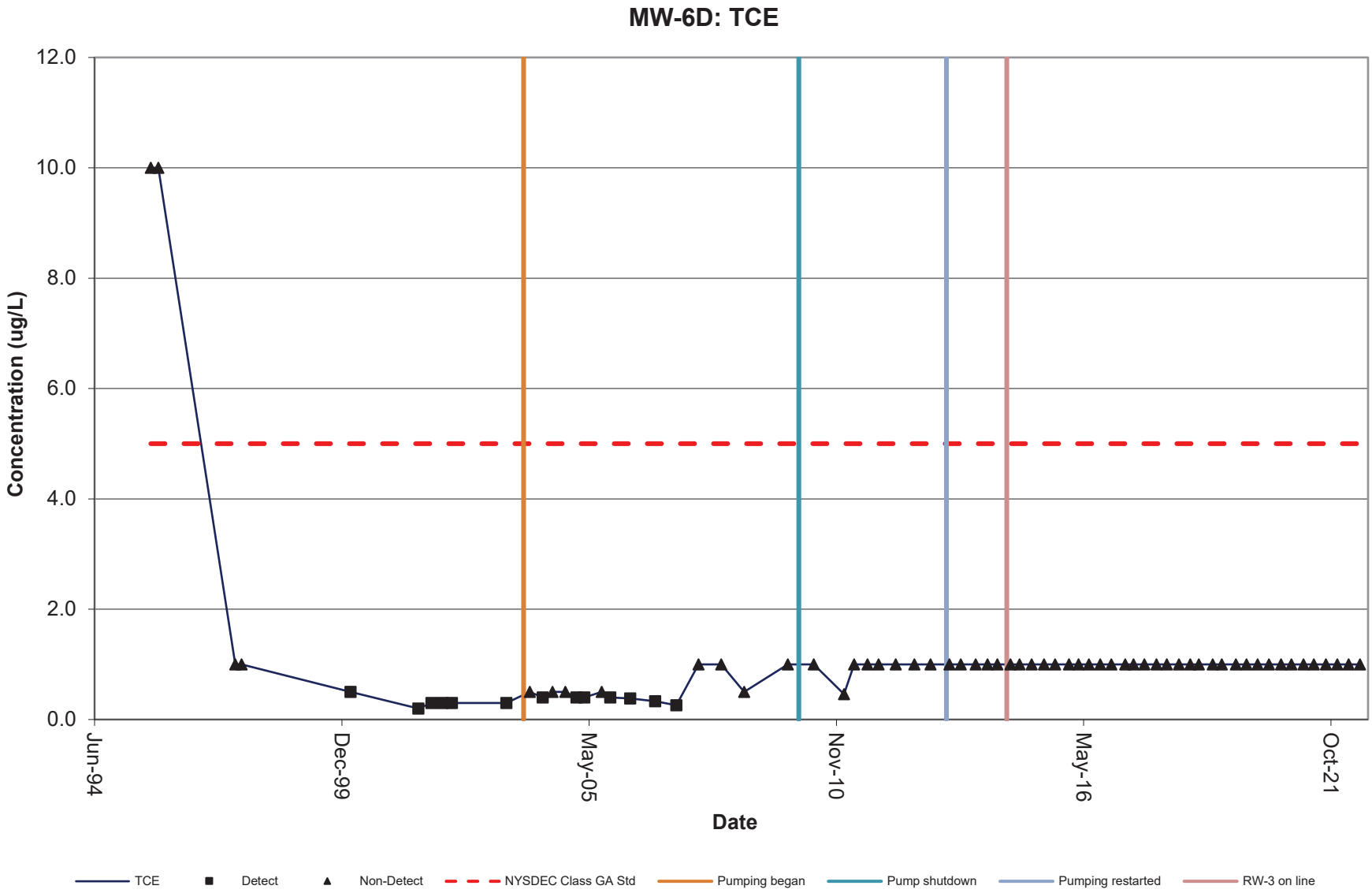

MW-5D: cis-1,2-DCE
50.0
40.0
30.0
20.0
10.0
0.0
Concentration (ug/L)
Jun-94
Dec-99
May-05
Nov-10
May-16
Oct-21
Date
cis-1,2-DCE
Detect
Non-Detect
NYSDEC Class GA Std
Pumping began
Pump shutdown
Pumping restarted
RW-3 on line

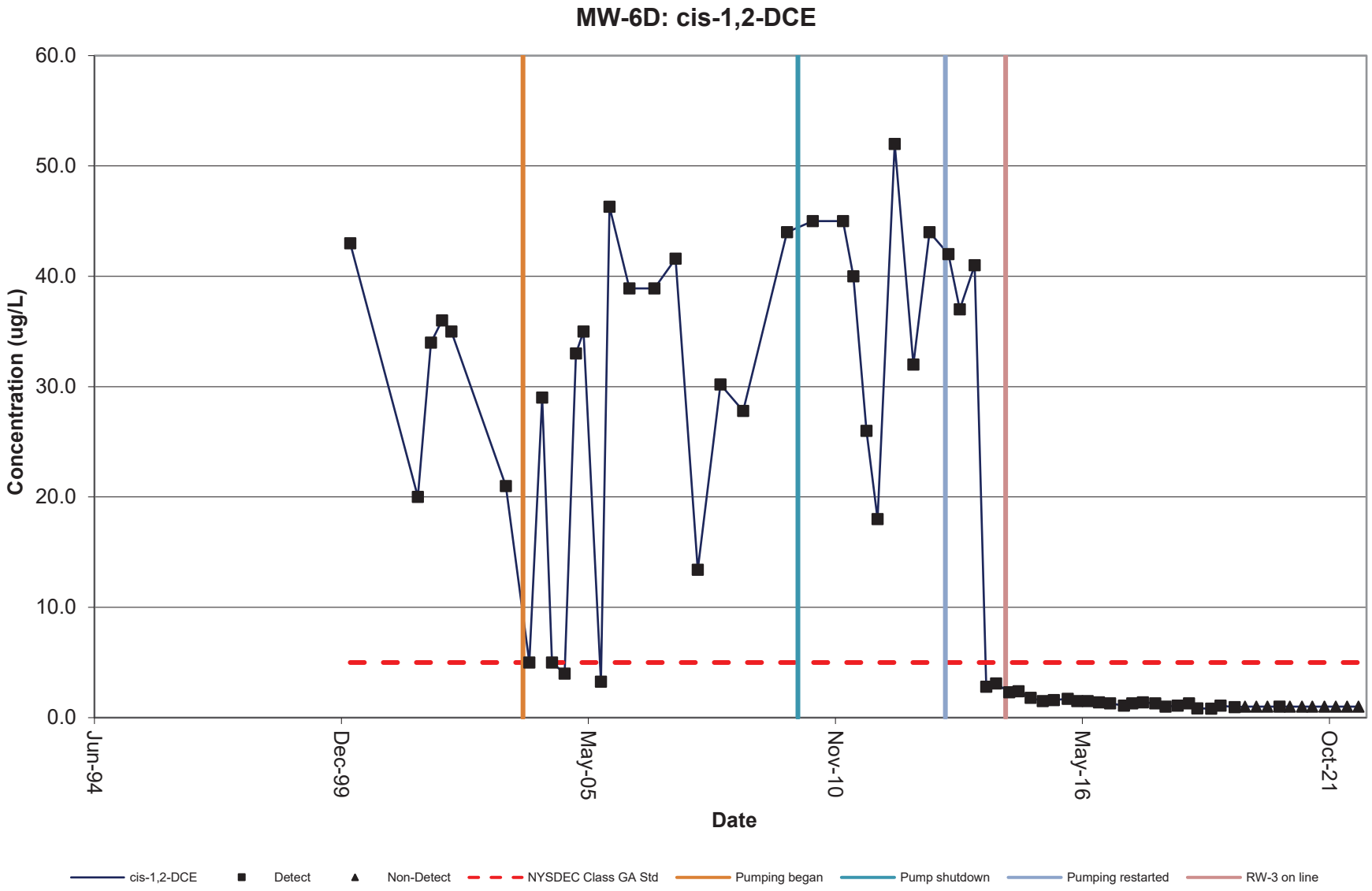

MW-5D: Vinyl Chloride
Concentration (ug/L)
90.0
80.0
70.0
60.0
50.0
40.0
30.0
20.0
10.0
0.0
Jun-94
Dec-99
May-05
Nov-10
May-16
Oct-21
Date
Vinyl Chloride
Detect
Non-Detect
NYSDEC Class GA Std
Pumping began
Pump shutdown
Pumping restarted
RW-3 on line

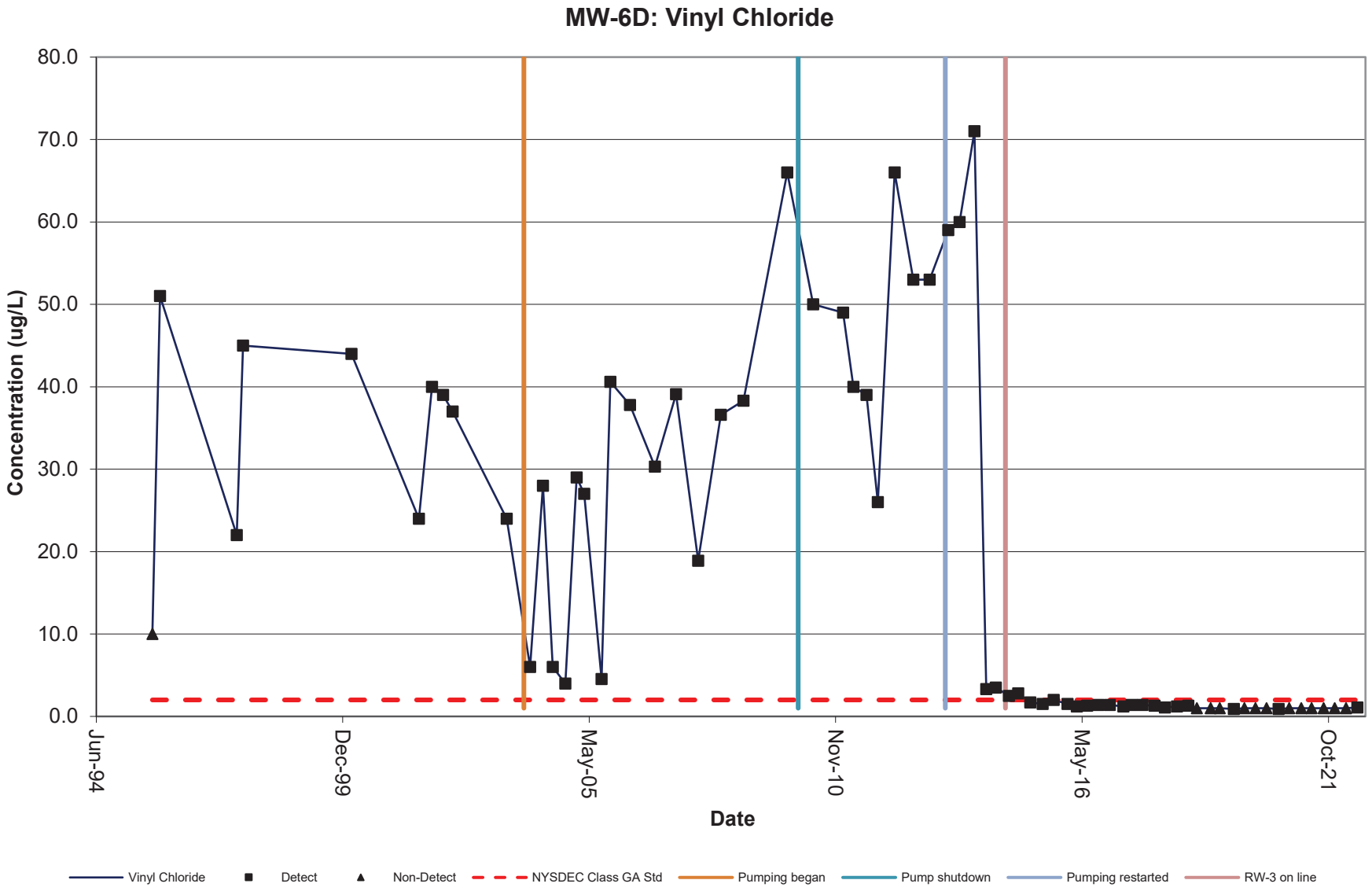

MW-6S: TCE
12.0
10.0
8.0
6.0
4.0
2.0
0.0
Concentration (ug/L)
Jun-94
Dec-99
May-05
Nov-10
May-16
Oct-21
Date
TCE
Detect
Non-Detect
NYSDEC Class GA Std
Pumping began
Pump shutdown
Pumping restarted
RW-3 on line

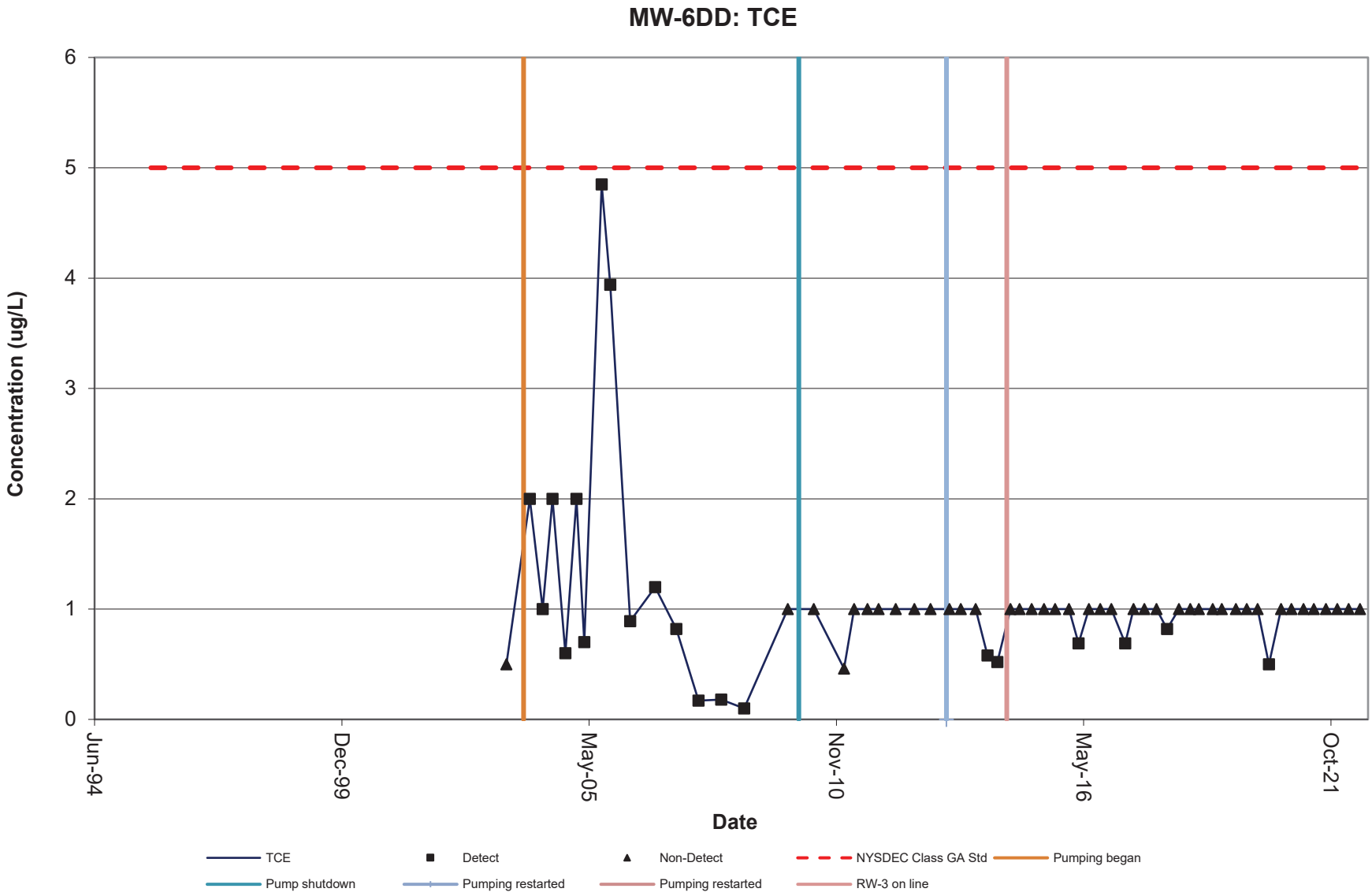

MW-6S: cis-1,2-DCE
Concentration (ug/L)
80.0
70.0
60.0
50.0
40.0
30.0
20.0
10.0
0.0
Jun-94
Dec-99
May-05
Nov-10
May-16
Oct-21
Date
cis-1,2-DCE
Detect
Non-Detect
NYSDEC Class GA Std
Pumping began
Pump shutdown
Pumping restarted
RW-3 on line

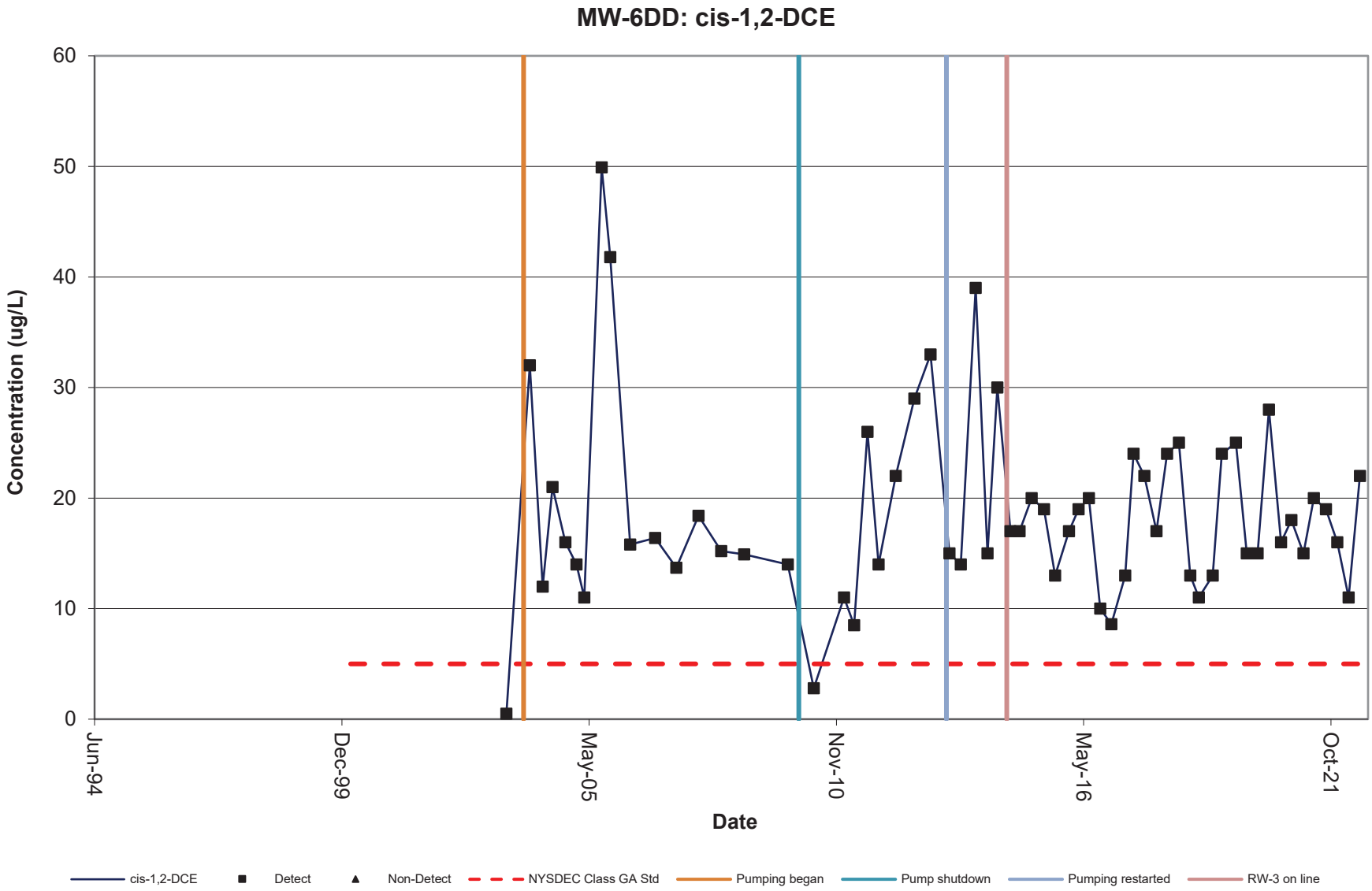

MW-6S: Vinyl Chloride
Concentration (ug/L)
70.0
60.0
50.0
40.0
30.0
20.0
10.0
0.0
Jun-94
Dec-99
May-05
Nov-10
May-16
Oct-21
Date
Vinyl Chloride
Detect
Non-Detect
NYSDEC Class GA Std
Pumping began
Pump shutdown
Pumping restarted
RW-3 on line

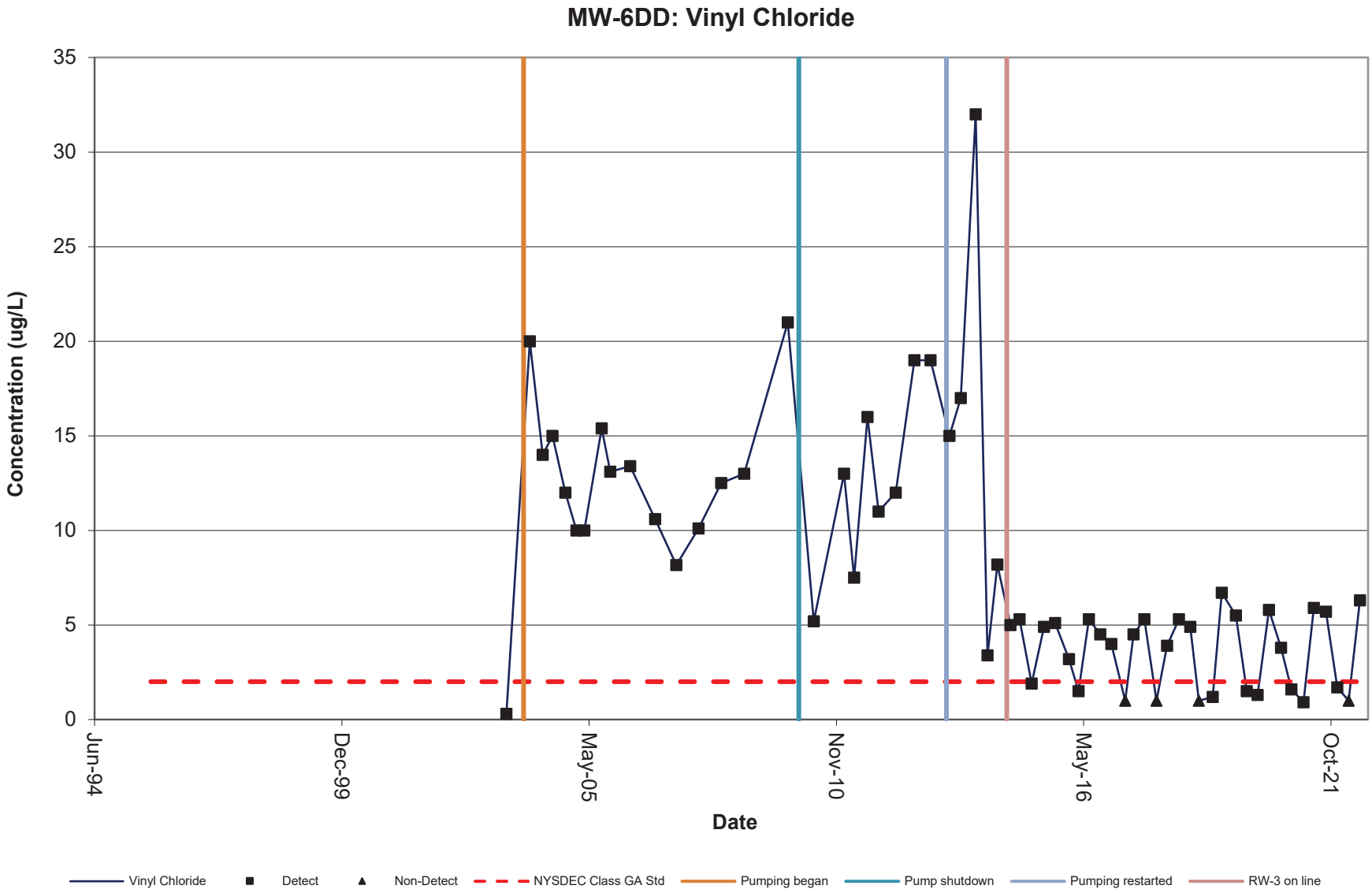

MW-6D: TCE
12.0
10.0
8.0
6.0
4.0
2.0
0.0
Concentration (ug/L)
Jun-94
Dec-99
May-05
Nov-10
May-16
Oct-21
Date
TCE
Detect
Non-Detect
NYSDEC Class GA Std
Pumping began
Pump shutdown
Pumping restarted
RW-3 on line

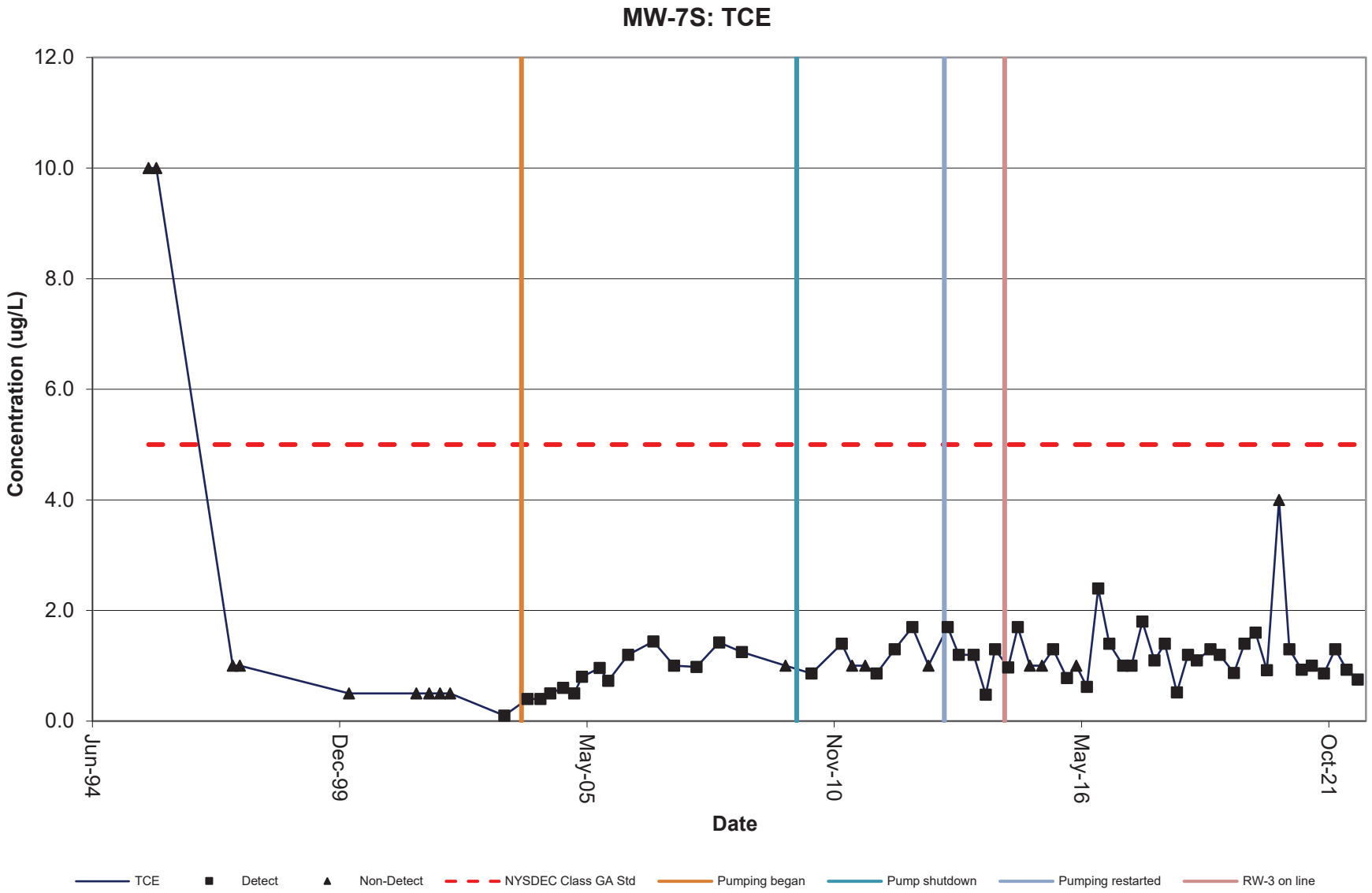

MW-6D: cis-1,2-DCE
Concentration (ug/L)
60.0
50.0
40.0
30.0
20.0
10.0
0.0
Jun-94
Dec-99
May-05
Nov-10
May-16
Oct-21
Date
cis-1,2-DCE
Detect
Non-Detect
NYSDEC Class GA Std
Pumping began
Pump shutdown
Pumping restarted
RW-3 on line

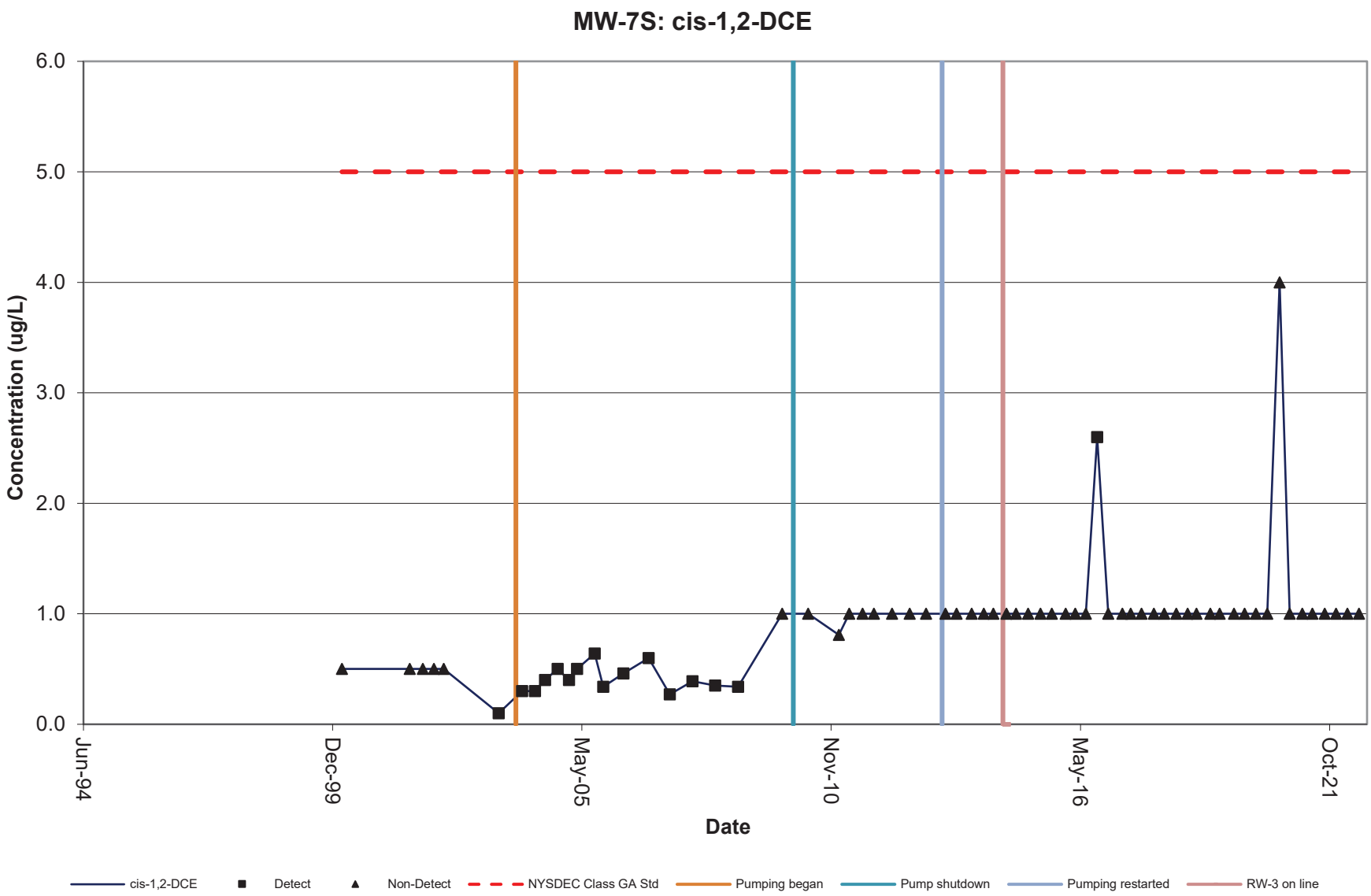

MW-6D: Vinyl Chloride
Concentration (ug/L)
80.0
70.0
60.0
50.0
40.0
30.0
20.0
10.0
0.0
Jun-94
Dec-99
May-05
Nov-10
May-16
Oct-21
Date
Vinyl Chloride
Detect
Non-Detect
NYSDEC Class GA Std
Pumping began
Pump shutdown
Pumping restarted
RW-3 on line

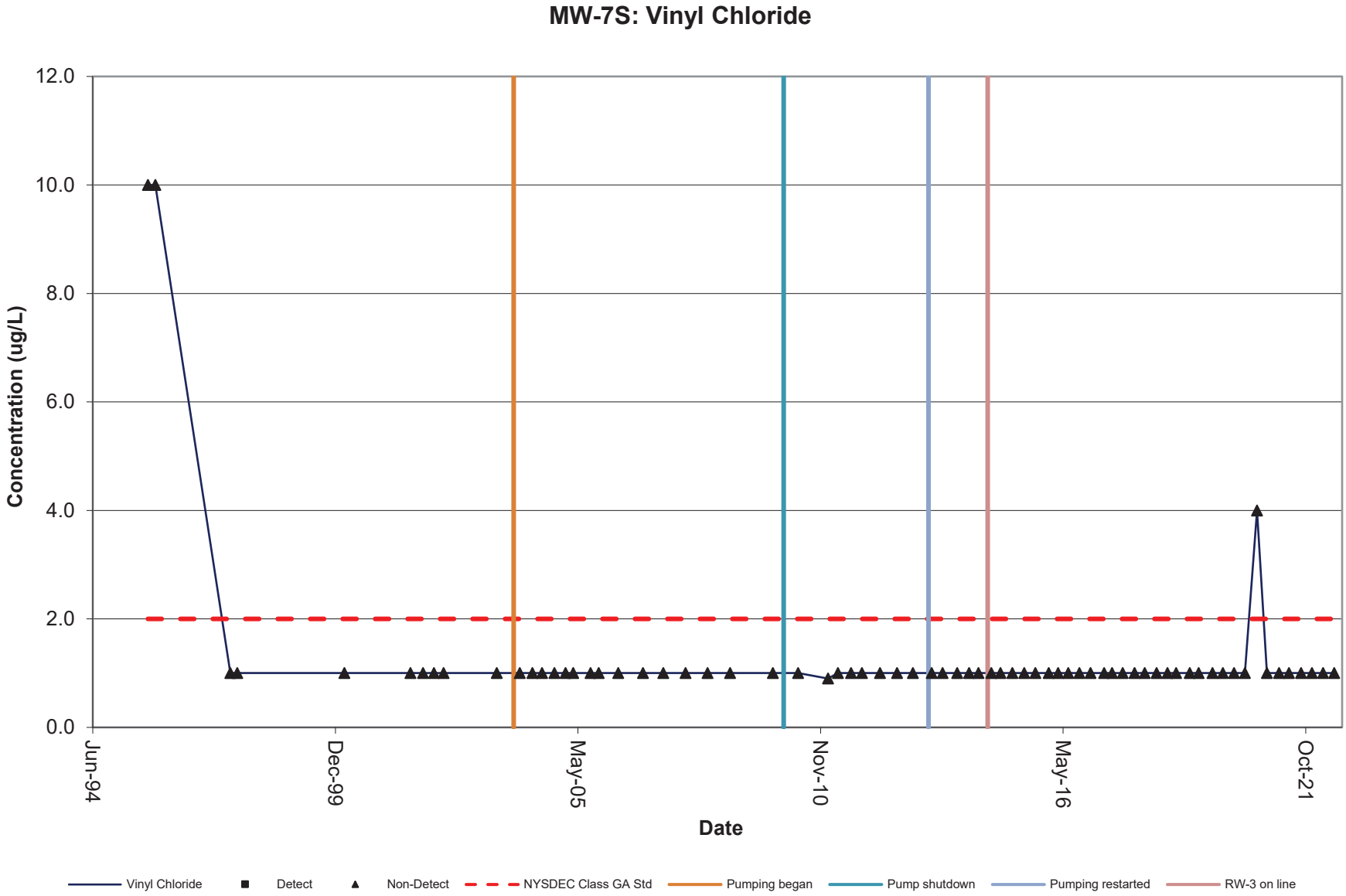

MW-6DD: TCE
Concentration (ug/L)
0
1
2
3
4
5
6
Jun-94
Dec-99
May-05
Nov-10
May-16
Oct-21
Date
TCE
Detect
Non-Detect
NYSDEC Class GA Std
Pumping began
Pump shutdown
Pumping restarted
Pumping restarted
RW-3 on line

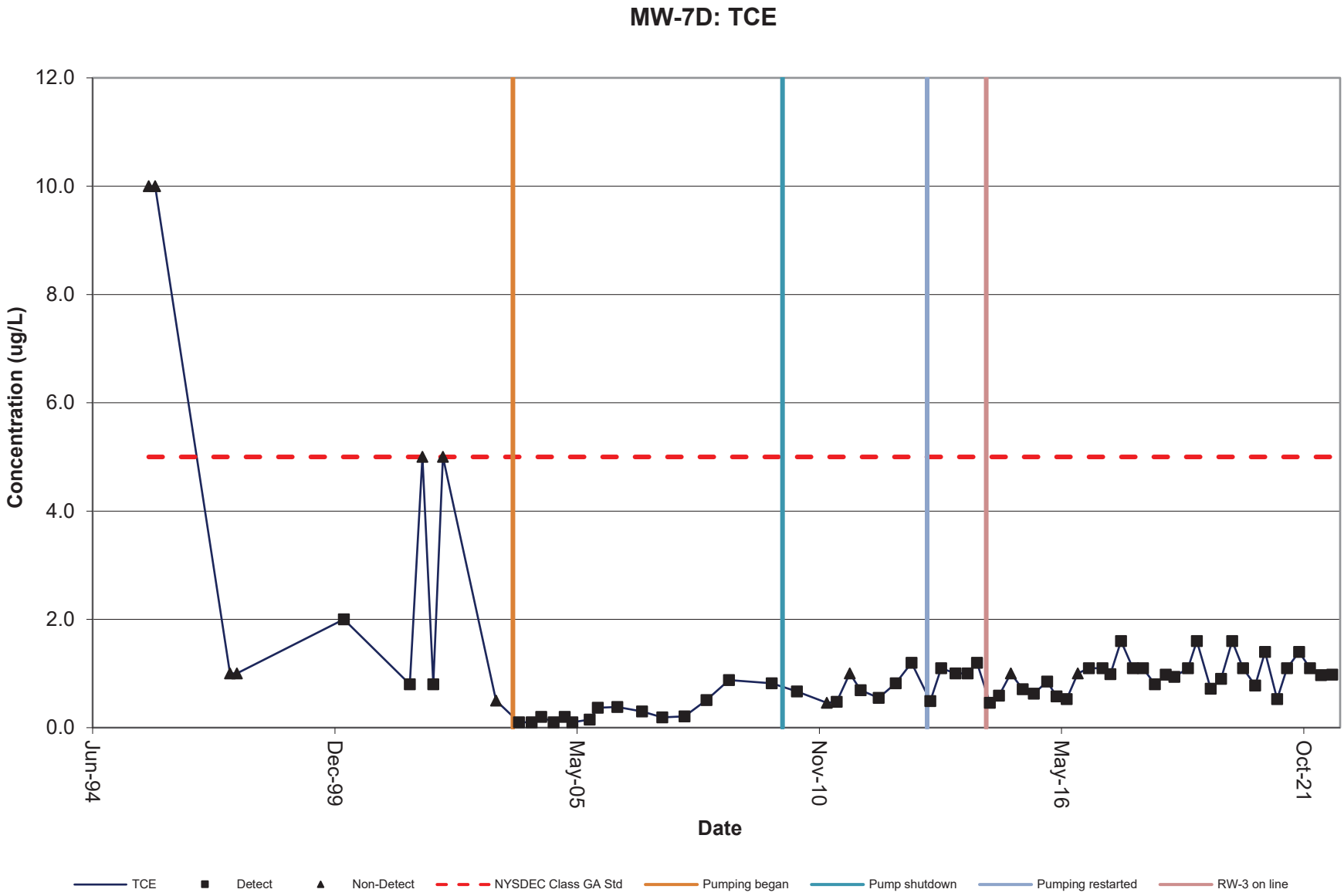

MW-6DD: cis-1,2-DCE
Concentration (ug/L)
60
50
40
30
20
10
0
Jun-94
Dec-99
May-05
Nov-10
May-16
Oct-21
Date
cis-1,2-DCE
Detect
Non-Detect
NYSDEC Class GA Std
Pumping began
Pump shutdown
Pumping restarted
RW-3 on line

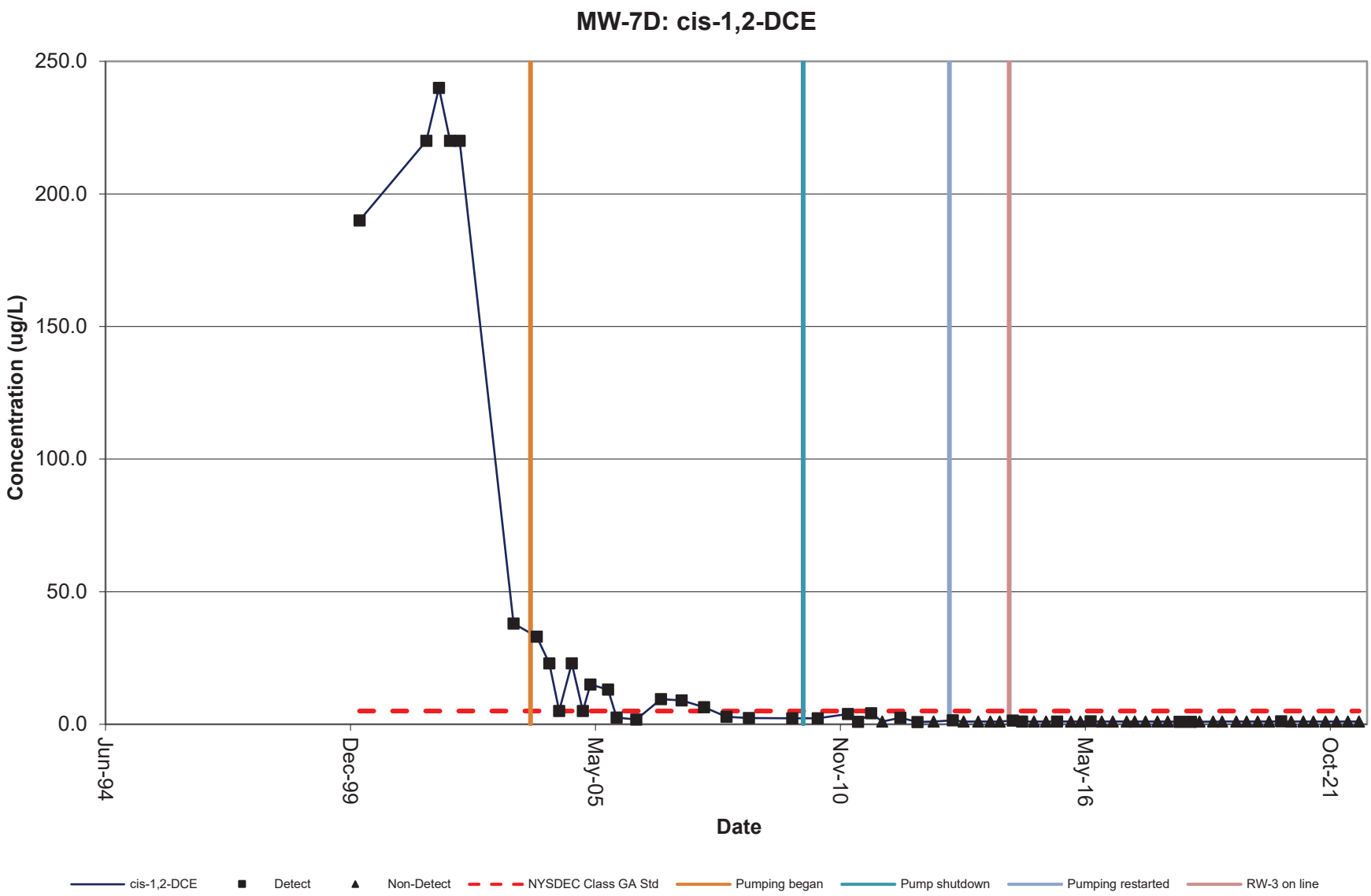

MW-6DD: Vinyl Chloride
Concentration (ug/L)
35
30
25
20
15
10
5
0
Jun-94
Dec-99
May-05
Nov-10
May-16
Oct-21
Date
Vinyl Chloride
Detect
Non-Detect
NYSDEC Class GA Std
Pumping began
Pump shutdown
Pumping restarted
RW-3 on line

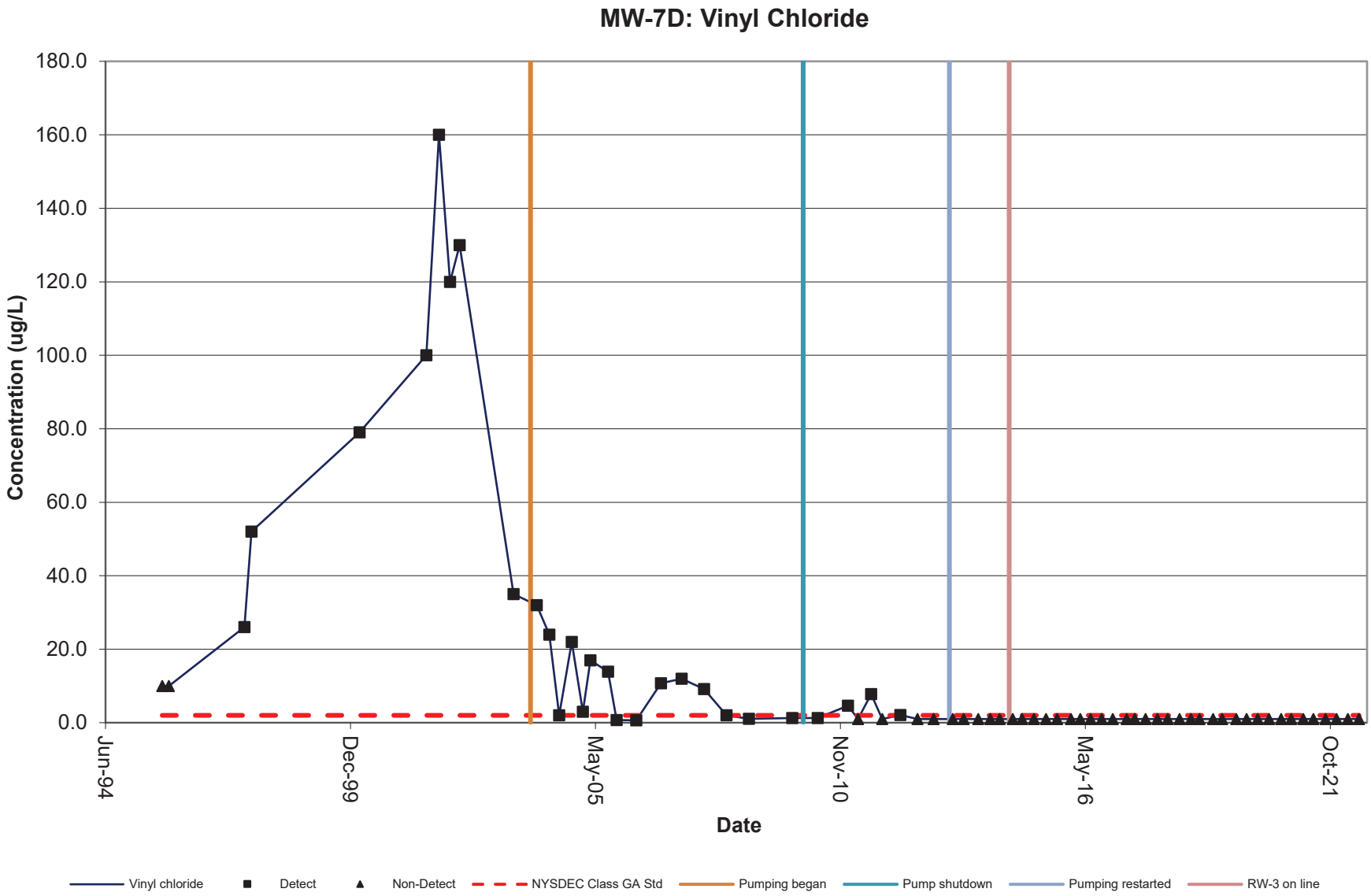

MW-7S: TCE
12.0
10.0
8.0
6.0
4.0
2.0
0.0
Concentration (ug/L)
Jun-94
Dec-99
May-05
Nov-10
May-16
Oct-21
Date
TCE
Detect
Non-Detect
NYSDEC Class GA Std
Pumping began
Pump shutdown
Pumping restarted
RW-3 on line

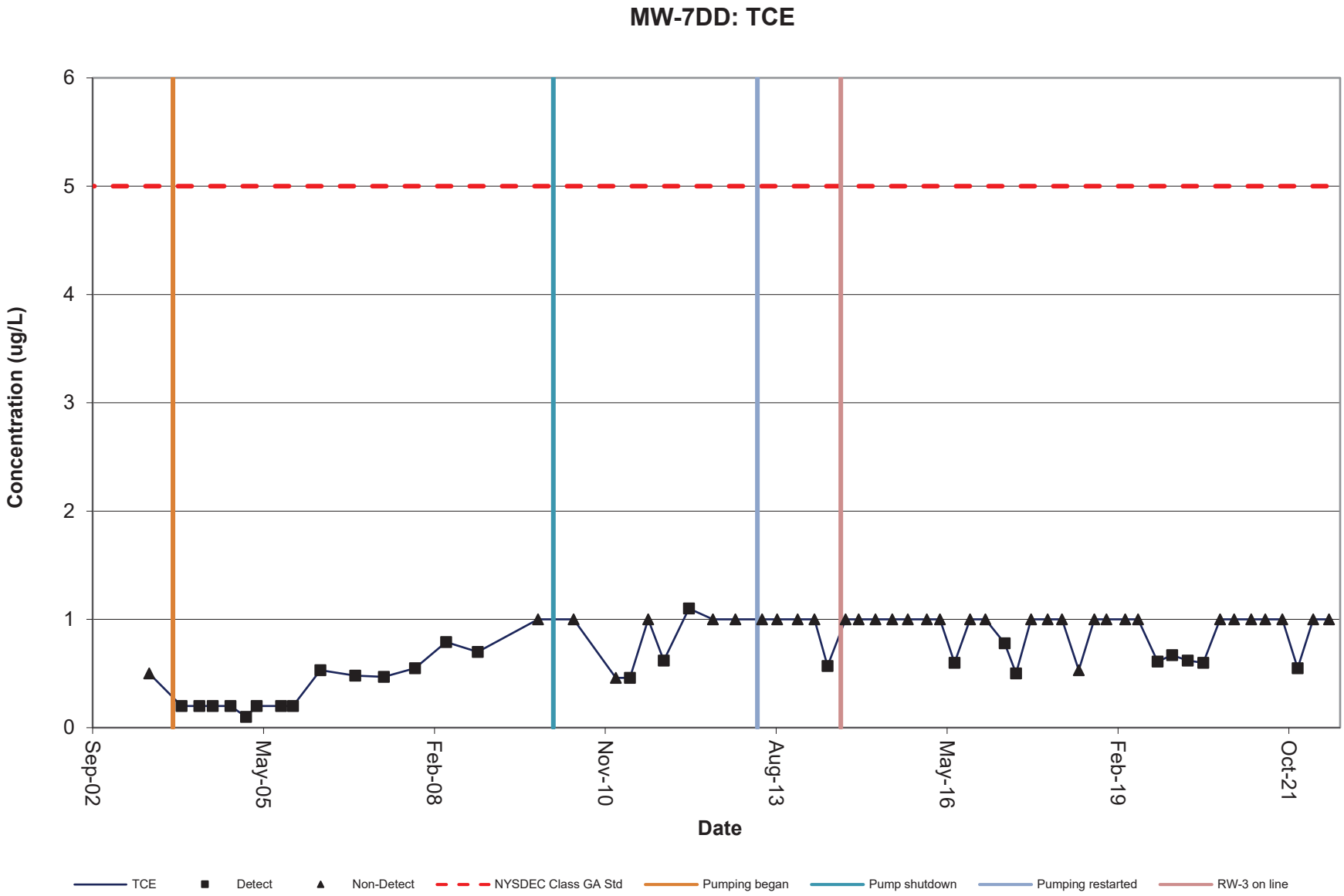

MW-7S: cis-1,2-DCE
Concentration (ug/L)
6.0
5.0
4.0
3.0
2.0
1.0
0.0
Jun-94
Dec-99
May-05
Nov-10
May-16
Oct-21
Date
cis-1,2-DCE
Detect
Non-Detect
NYSDEC Class GA Std
Pumping began
Pump shutdown
Pumping restarted
RW-3 on line

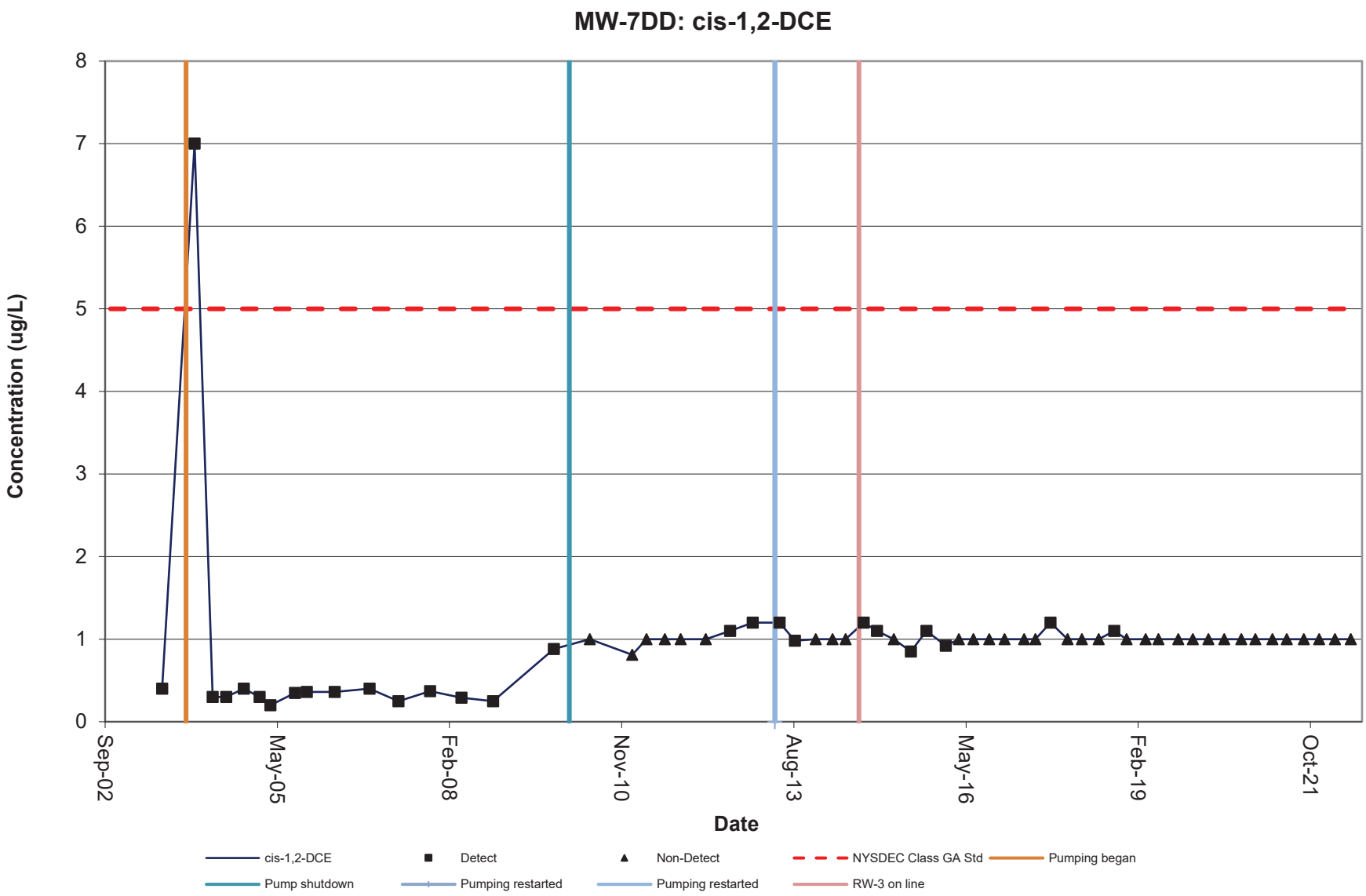

MW-7S: Vinyl Chloride
Concentration (ug/L)
12.0
10.0
8.0
6.0
4.0
2.0
0.0
Jun-94
Dec-99
May-05
Nov-10
May-16
Oct-21
Date
Vinyl Chloride
Detect
Non-Detect
NYSDEC Class GA Std
Pumping began
Pump shutdown
Pumping restarted
RW-3 on line

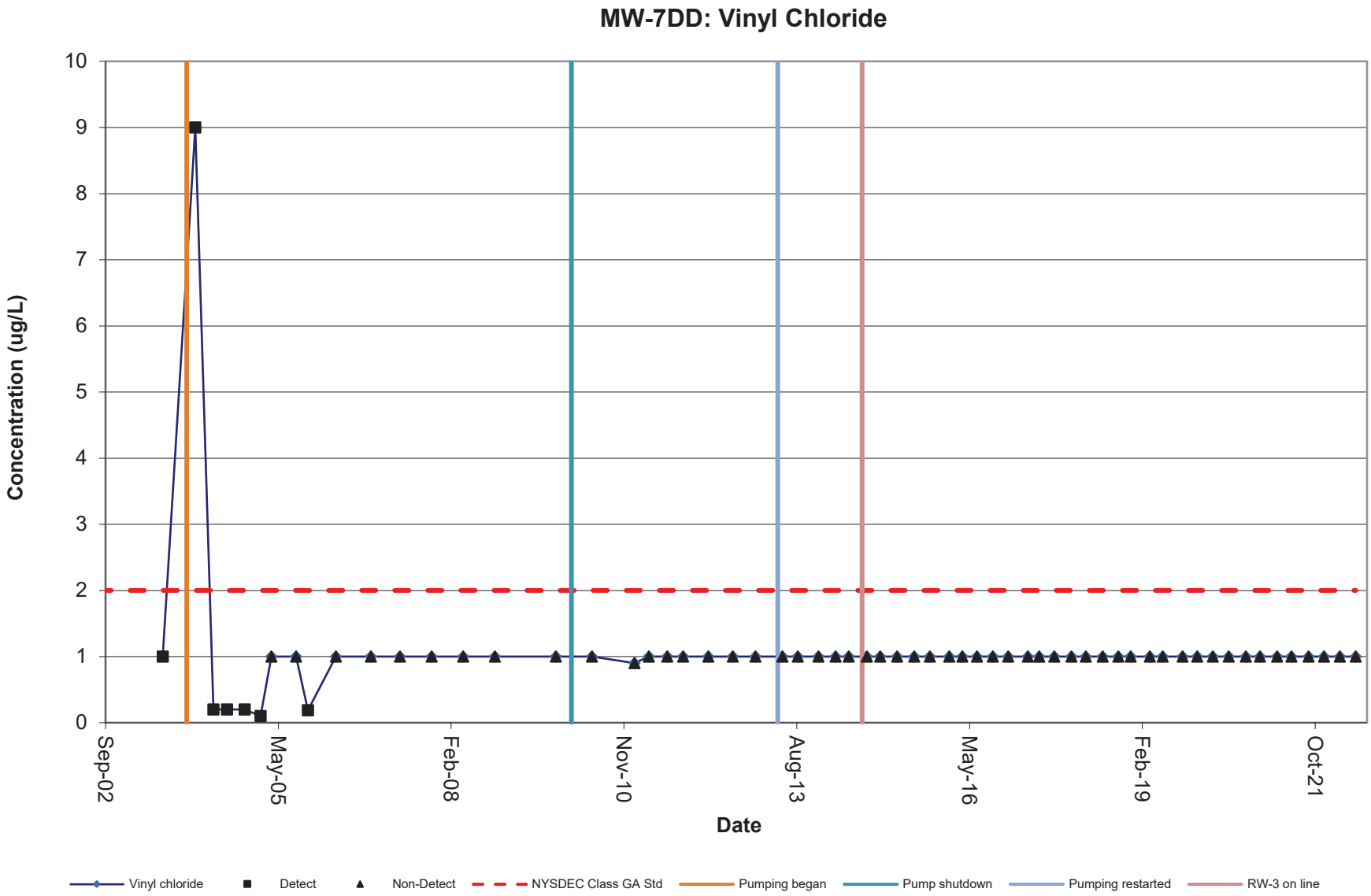

MW-7D: TCE
Concentration (ug/L)
12.0
10.0
8.0
6.0
4.0
2.0
0.0
Jun-94
Dec-99
May-05
Nov-10
May-16
Oct-21
Date
TCE
Detect
Non-Detect
NYSDEC Class GA Std
Pumping began
Pump shutdown
Pumping restarted
RW-3 on line

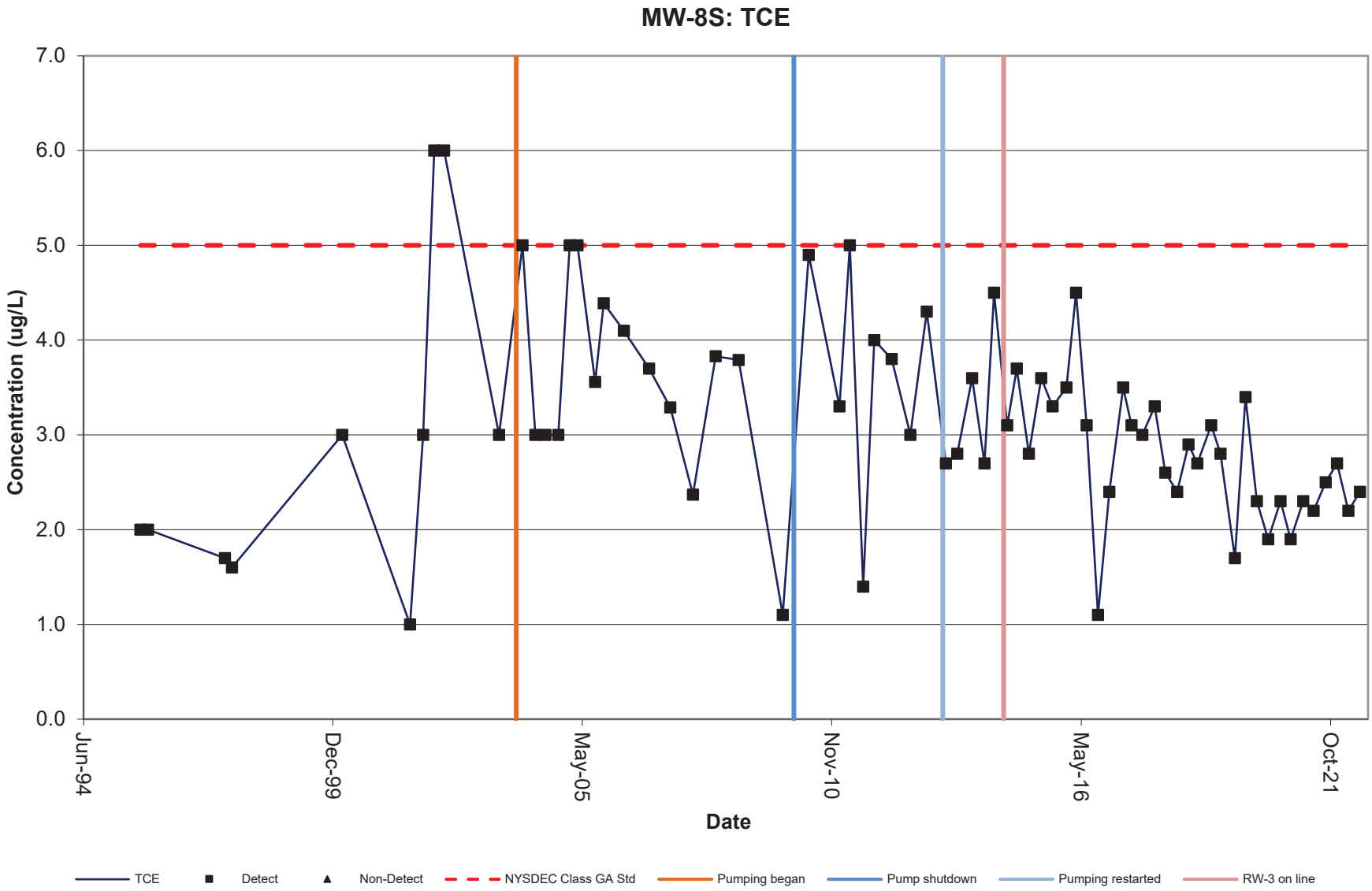

MW-7D: cis-1,2-DCE
250.0
200.0
150.0
100.0
50.0
0.0
Concentration (ug/L)
Jun-94
Dec-99
May-05
Nov-10
May-16
Oct-21
Date
cis-1,2-DCE
Detect
Non-Detect
NYSDEC Class GA Std
Pumping began
Pump shutdown
Pumping restarted
RW-3 on line

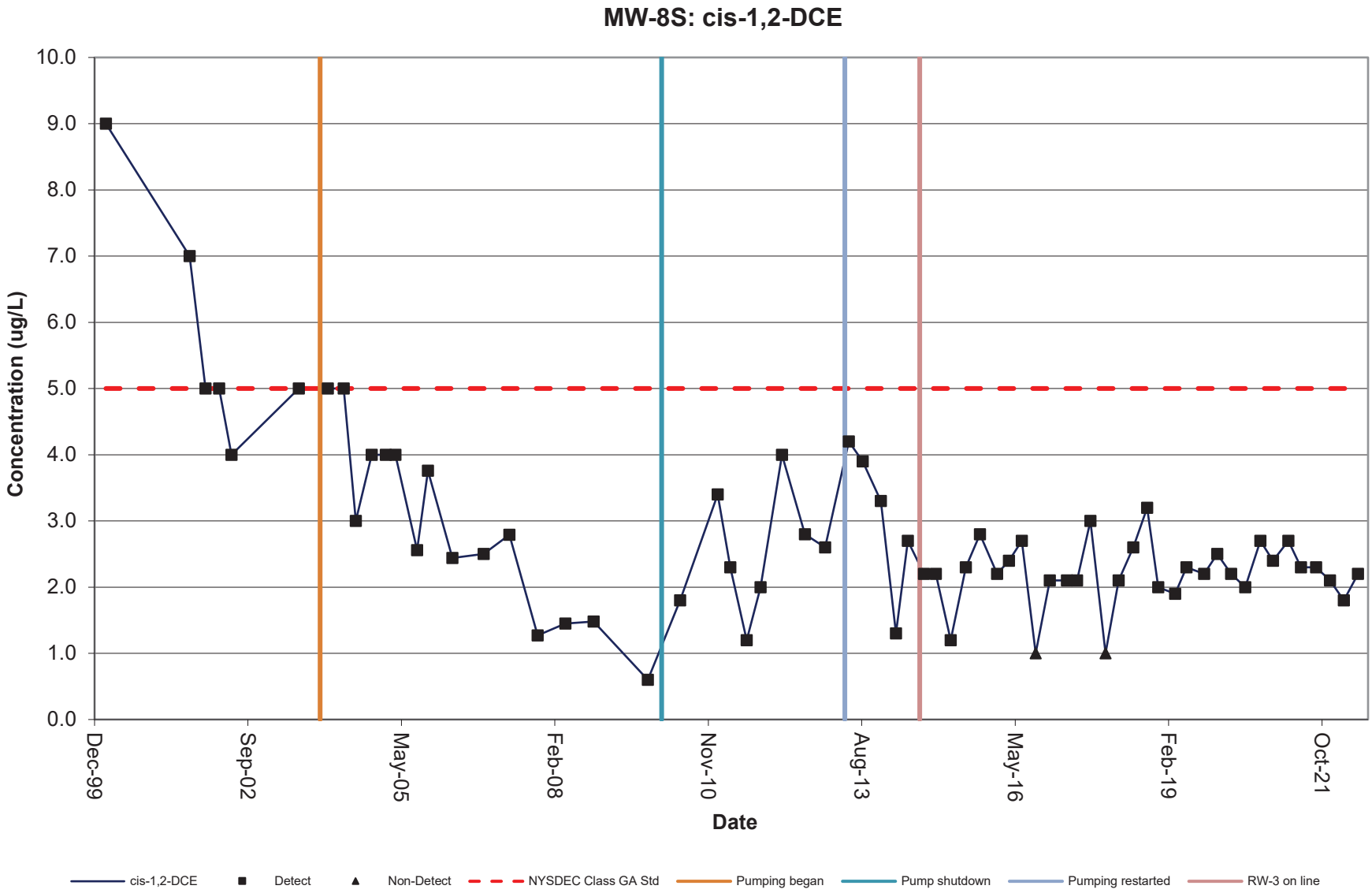

MW-7D: Vinyl Chloride
Concentration (ug/L)
180.0
160.0
140.0
120.0
100.0
80.0
60.0
40.0
20.0
0.0
Jun-94
Dec-99
May-05
Nov-10
May-16
Oct-21
Date
Vinyl chloride
Detect
Non-Detect
NYSDEC Class GA Std
Pumping began
Pump shutdown
Pumping restarted
RW-3 on line

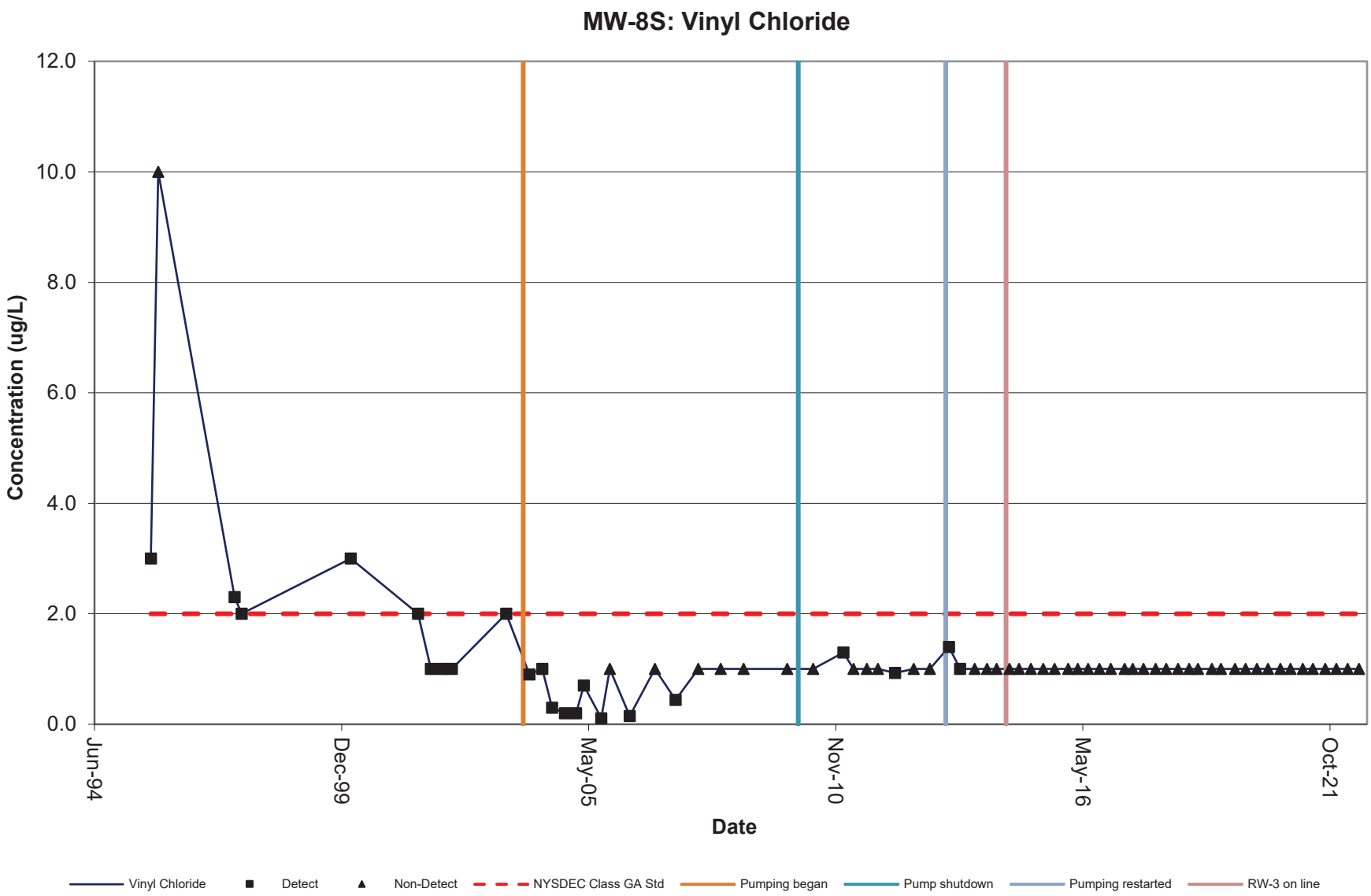

MW-7DD: TCE
Concentration (ug/L)
0
1
2
3
4
5
6
Sep-02
May-05
Feb-08
Nov-10
Aug-13
May-16
Feb-19
Oct-21
Date
TCE
Detect
Non-Detect
NYSDEC Class GA Std
Pumping began
Pump shutdown
Pumping restarted
RW-3 on line

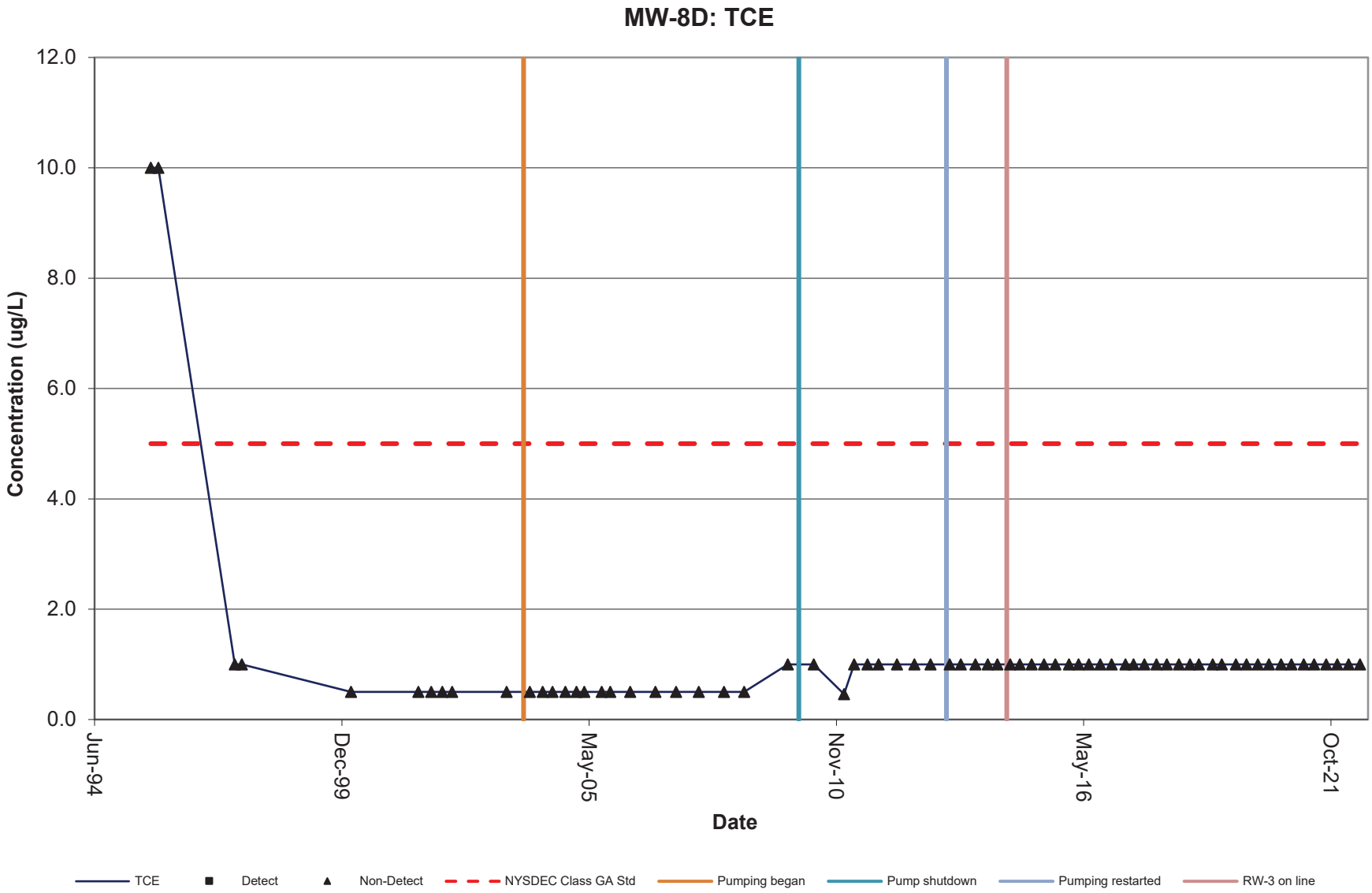

MW-7DD: cis-1,2-DCE
Concentration (ug/L)
0
1
2
3
4
5
6
7
8
Sep-02
May-05
Feb-08
Nov-10
Aug-13
May-16
Feb-19
Oct-21
Date
cis-1,2-DCE
Detect
Non-Detect
NYSDEC Class GA Std
Pumping began
Pump shutdown
Pumping restarted
Pumping restarted
RW-3 on line

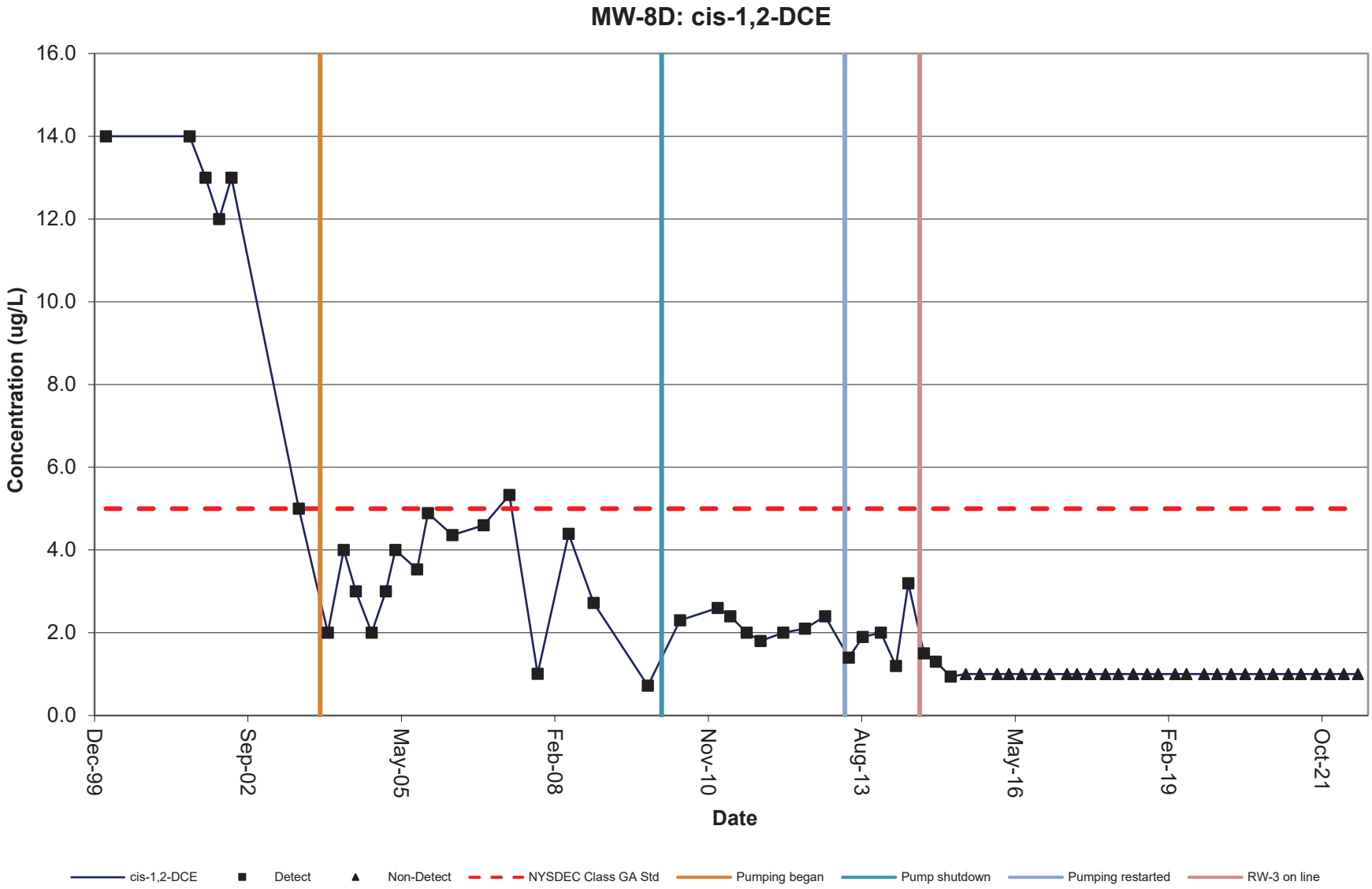

MW-7DD: Vinyl Chloride
Concentration (ug/L)
10
9
8
7
6
5
4
3
2
1
0
Sep-02
May-05
Feb-08
Nov-10
Aug-13
May-16
Feb-19
Oct-21
Date
Vinyl chloride
Detect
Non-Detect
NYSDEC Class GA Std
Pumping began
Pump shutdown
Pumping restarted
RW-3 on line

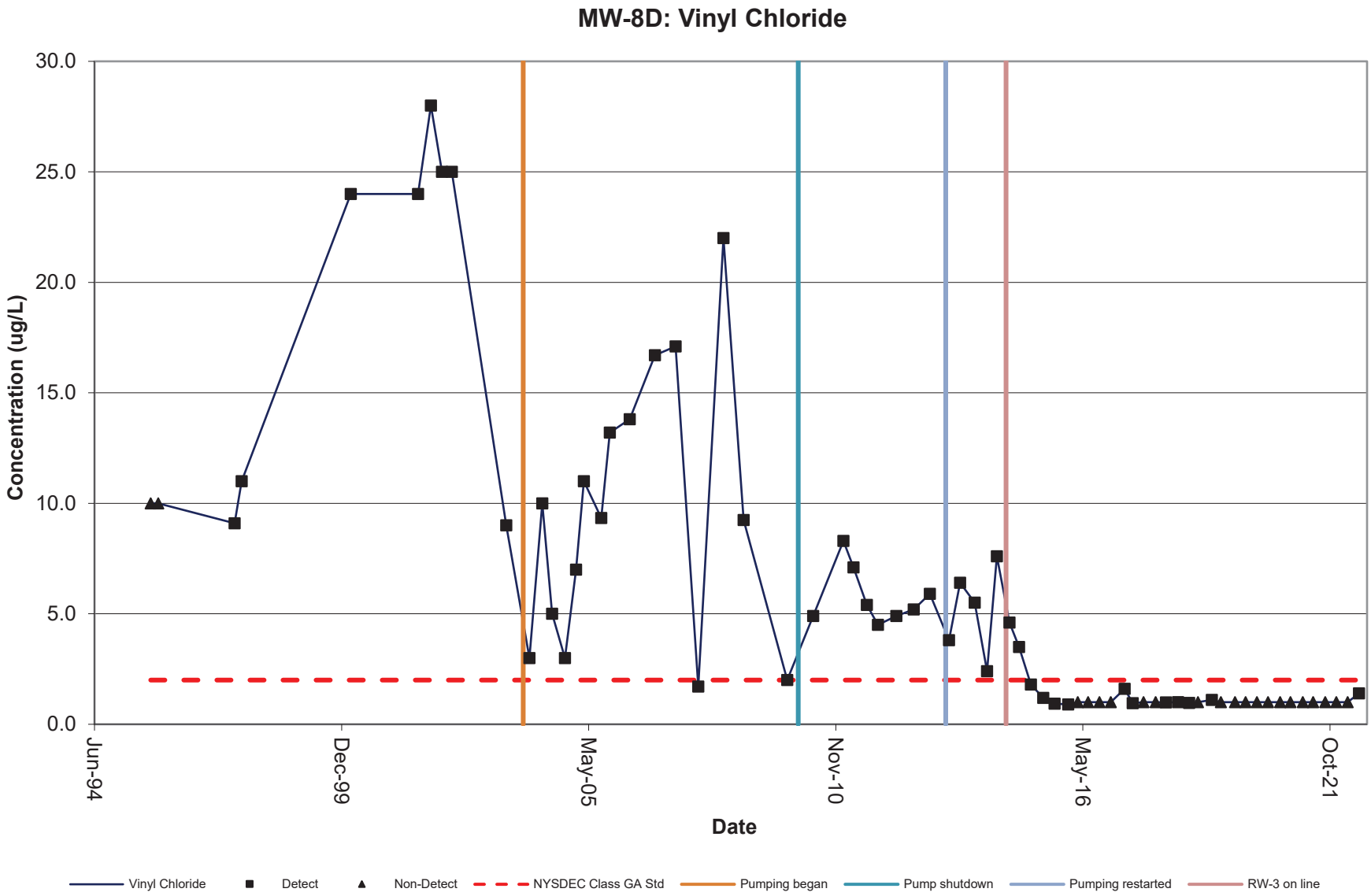

MW-8S: TCE
Concentration (ug/L)
7.0
6.0
5.0
4.0
3.0
2.0
1.0
0.0
Jun-94
Dec-99
May-05
Nov-10
May-16
Oct-21
Date
TCE
Detect
Non-Detect
NYSDEC Class GA Std
Pumping began
Pump shutdown
Pumping restarted
RW-3 on line

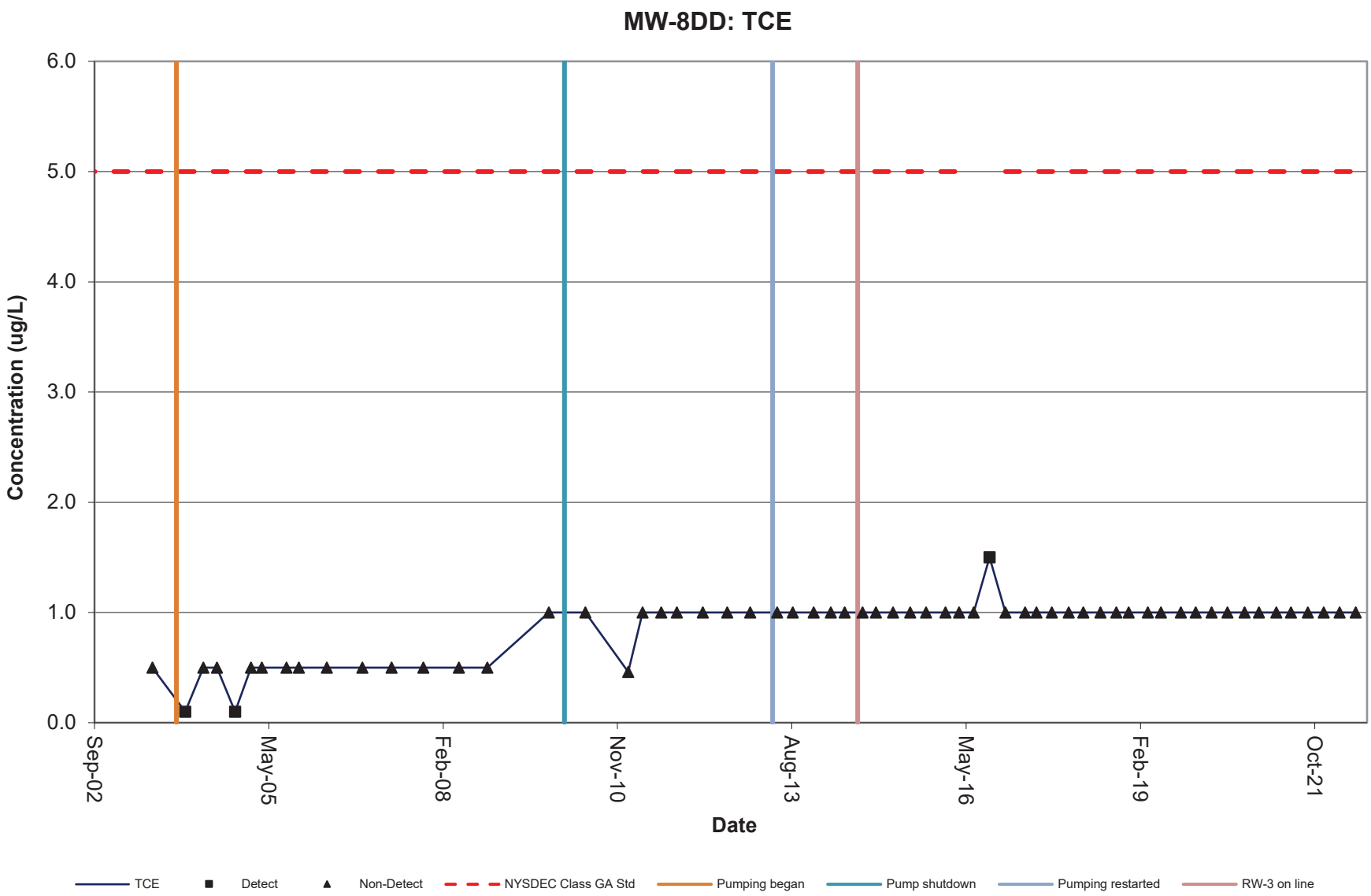

MW-8S: cis-1,2-DCE
Concentration (ug/L)
10.0
9.0
8.0
7.0
6.0
5.0
4.0
3.0
2.0
1.0
0.0
Dec-99
Sep-02
May-05
Feb-08
Nov-10
Aug-13
May-16
Feb-19
Oct-21
Date
cis-1,2-DCE
Detect
Non-Detect
NYSDEC Class GA Std
Pumping began
Pump shutdown
Pumping restarted
RW-3 on line

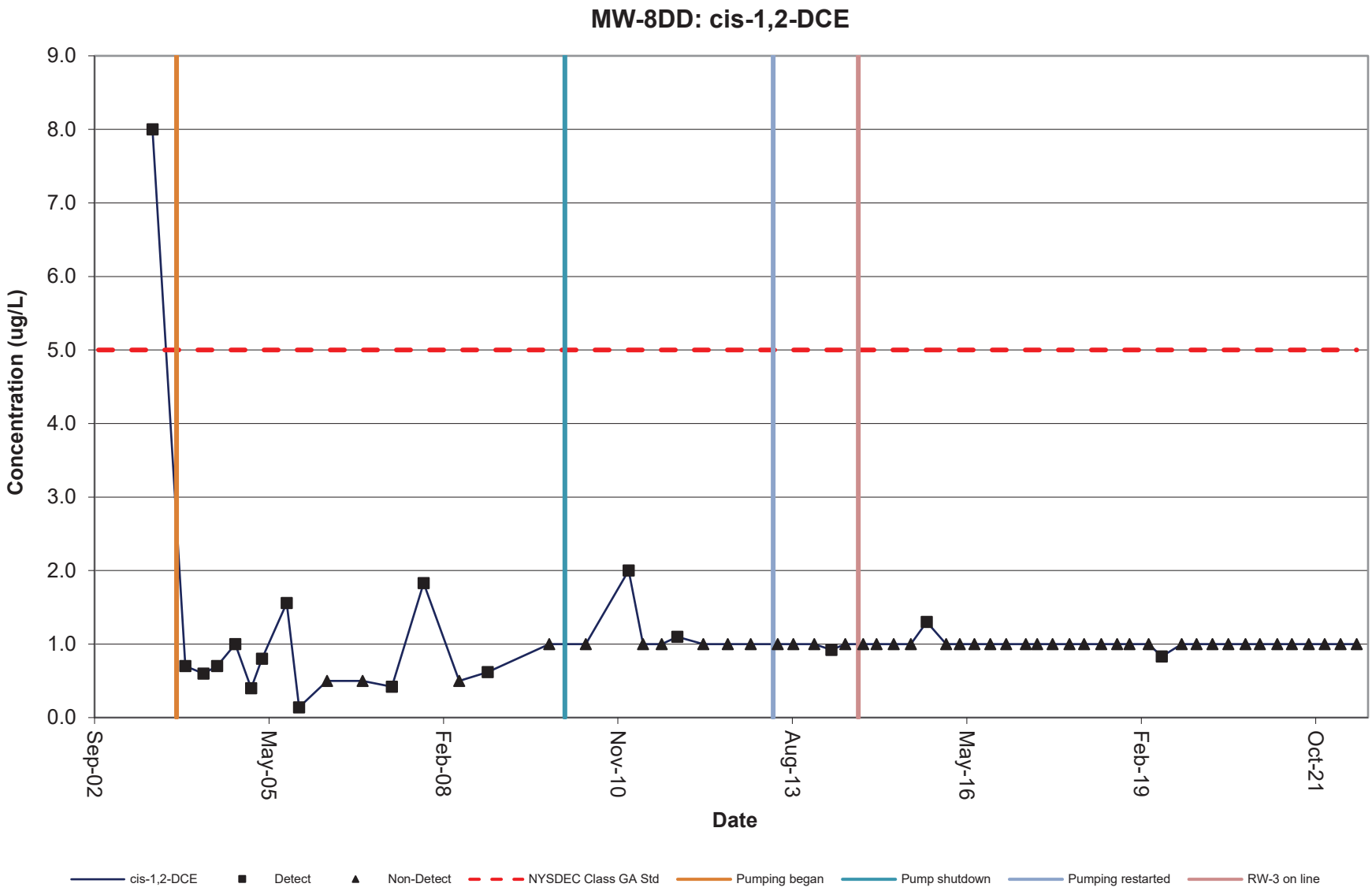

MW-8S: Vinyl Chloride
12.0
10.0
8.0
6.0
4.0
2.0
0.0
Concentration (ug/L)
Jun-94
Dec-99
May-05
Nov-10
May-16
Oct-21
Date
Vinyl Chloride
Detect
Non-Detect
NYSDEC Class GA Std
Pumping began
Pump shutdown
Pumping restarted
RW-3 on line

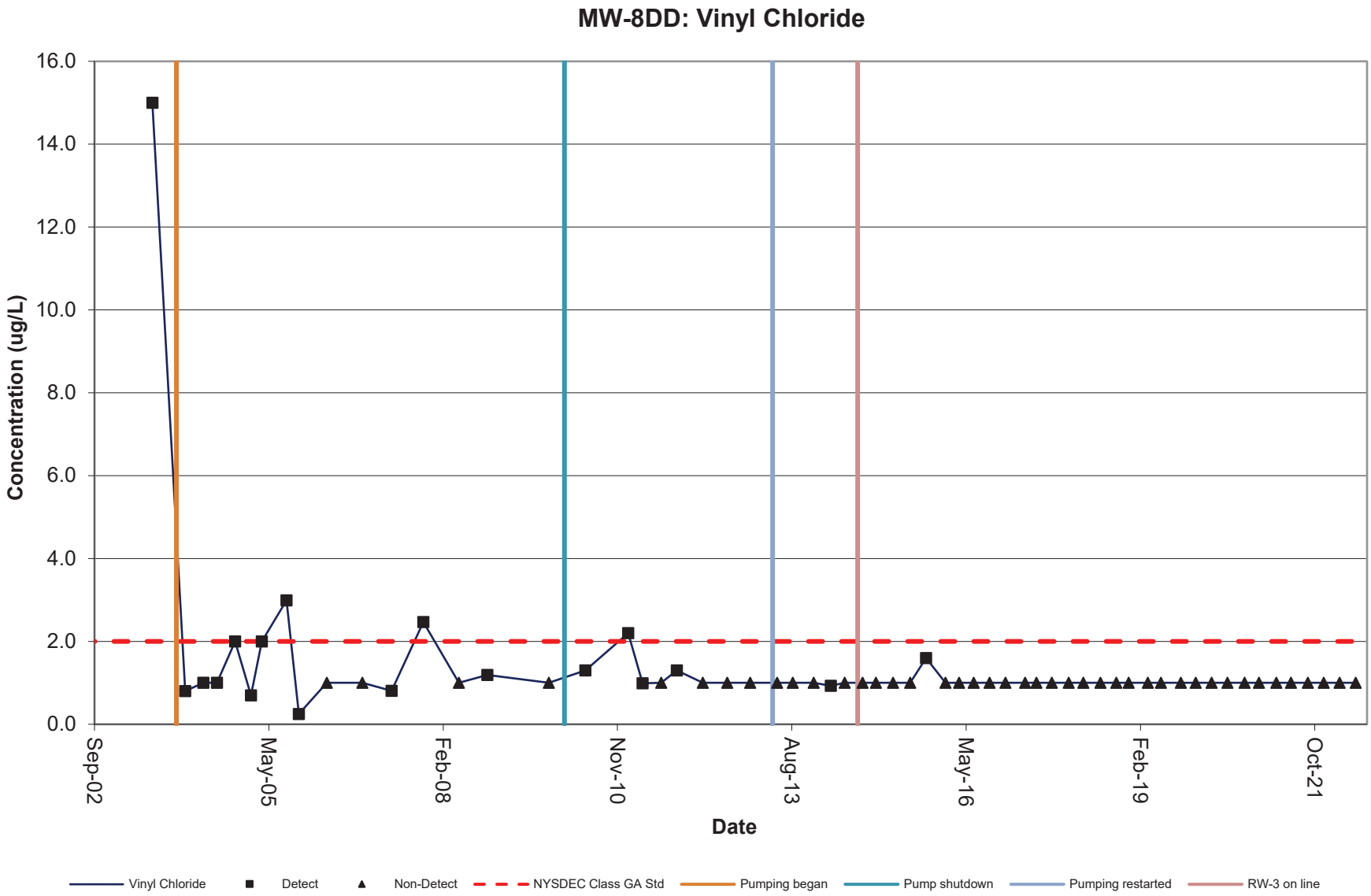

MW-8D: TCE
12.0
10.0
8.0
6.0
4.0
2.0
0.0
Concentration (ug/L)
Jun-94
Dec-99
May-05
Nov-10
May-16
Oct-21
Date
TCE
Detect
Non-Detect
NYSDEC Class GA Std
Pumping began
Pump shutdown
Pumping restarted
RW-3 on line

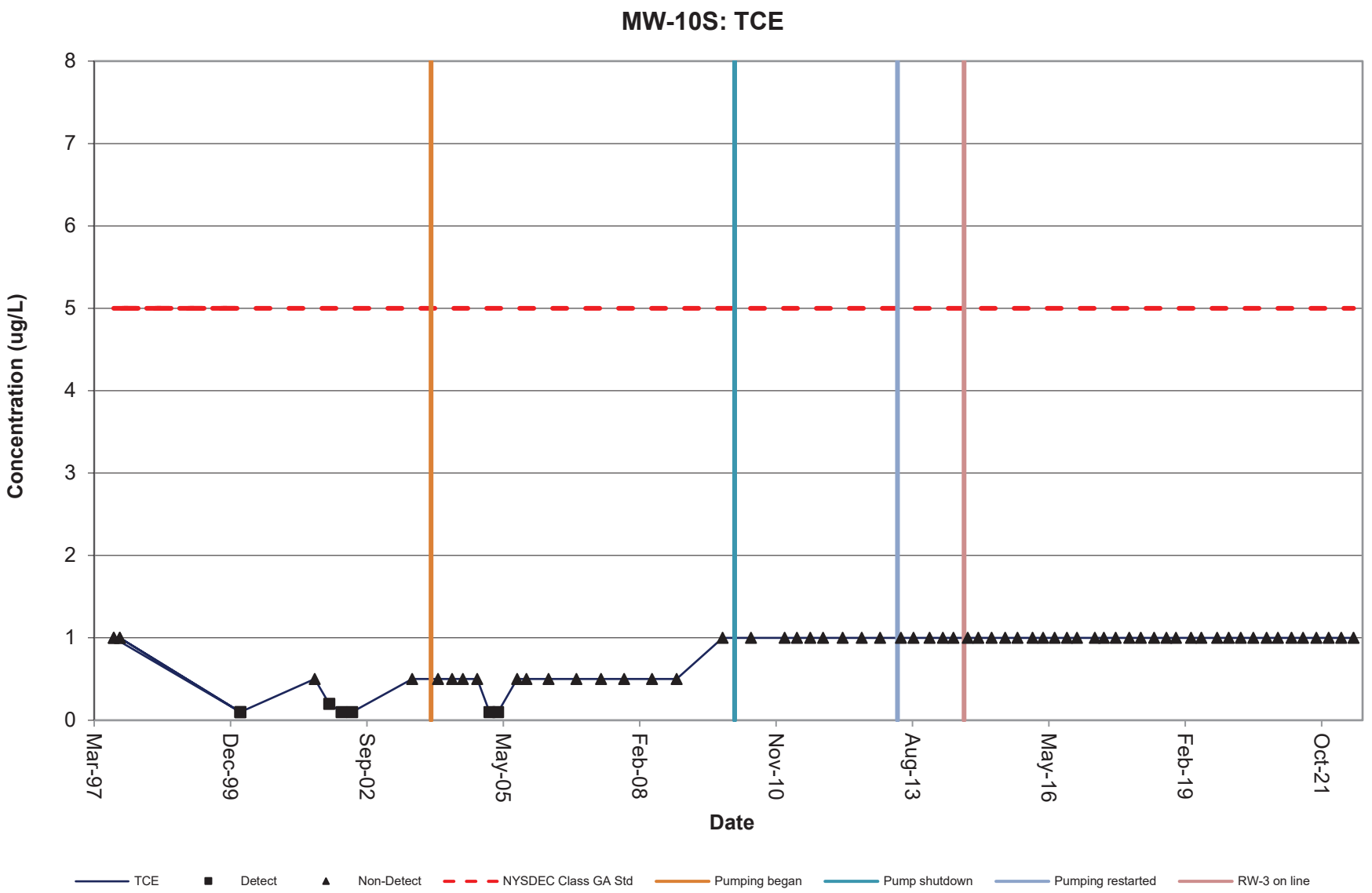

MW-8D: cis-1,2-DCE
Concentration (ug/L)
16.0
14.0
12.0
10.0
8.0
6.0
4.0
2.0
0.0
Dec-99
Sep-02
May-05
Feb-08
Nov-10
Aug-13
May-16
Feb-19
Oct-21
Date
cis-1,2-DCE
Detect
Non-Detect
NYSDEC Class GA Std
Pumping began
Pump shutdown
Pumping restarted
RW-3 on line

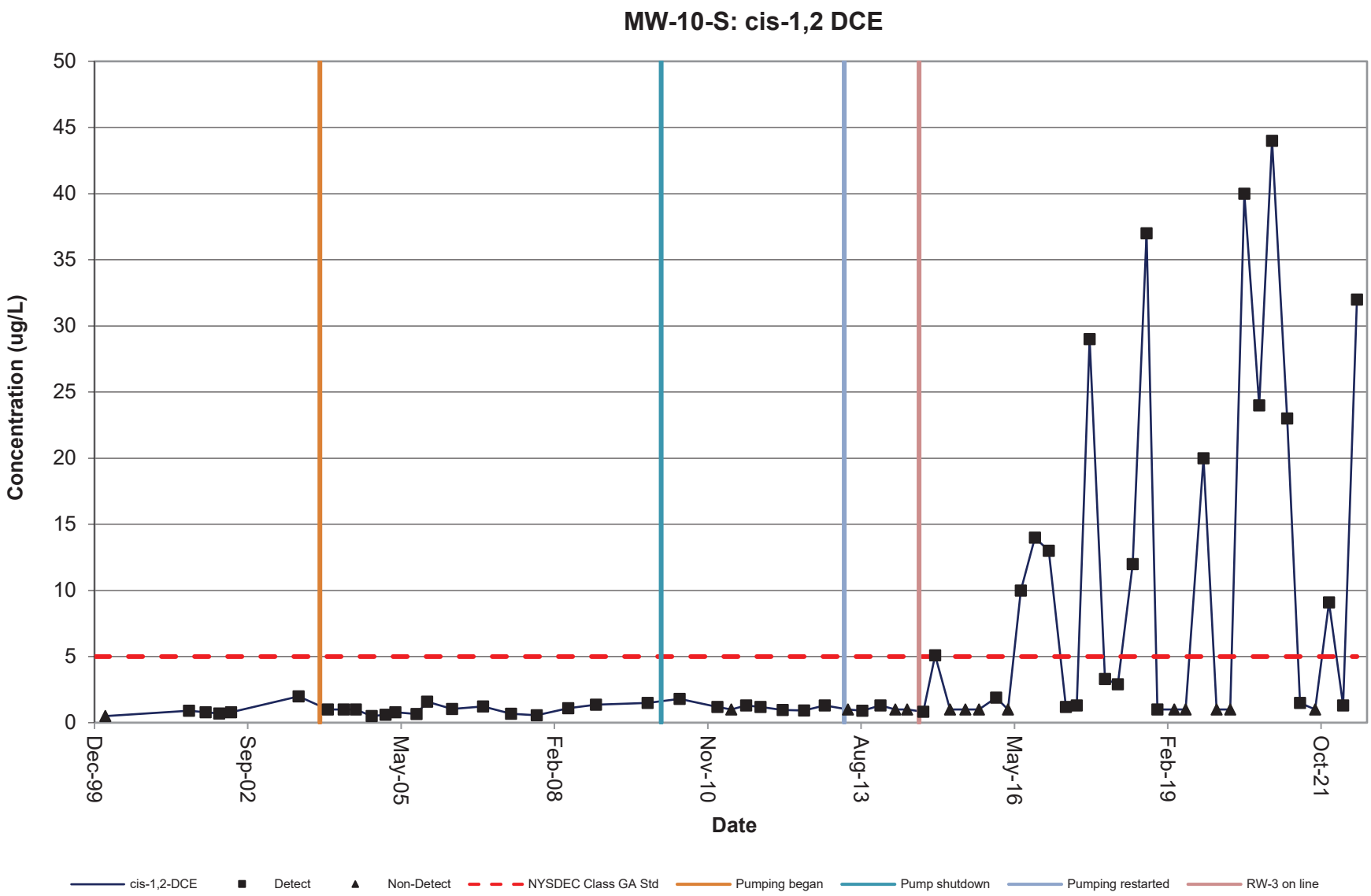

MW-8D: Vinyl Chloride
30.0
25.0
20.0
15.0
10.0
5.0
0.0
Concentration (ug/L)
Jun-94
Dec-99
May-05
Nov-10
May-16
Oct-21
Date
Vinyl Chloride
Detect
Non-Detect
NYSDEC Class GA Std
Pumping began
Pump shutdown
Pumping restarted
RW-3 on line

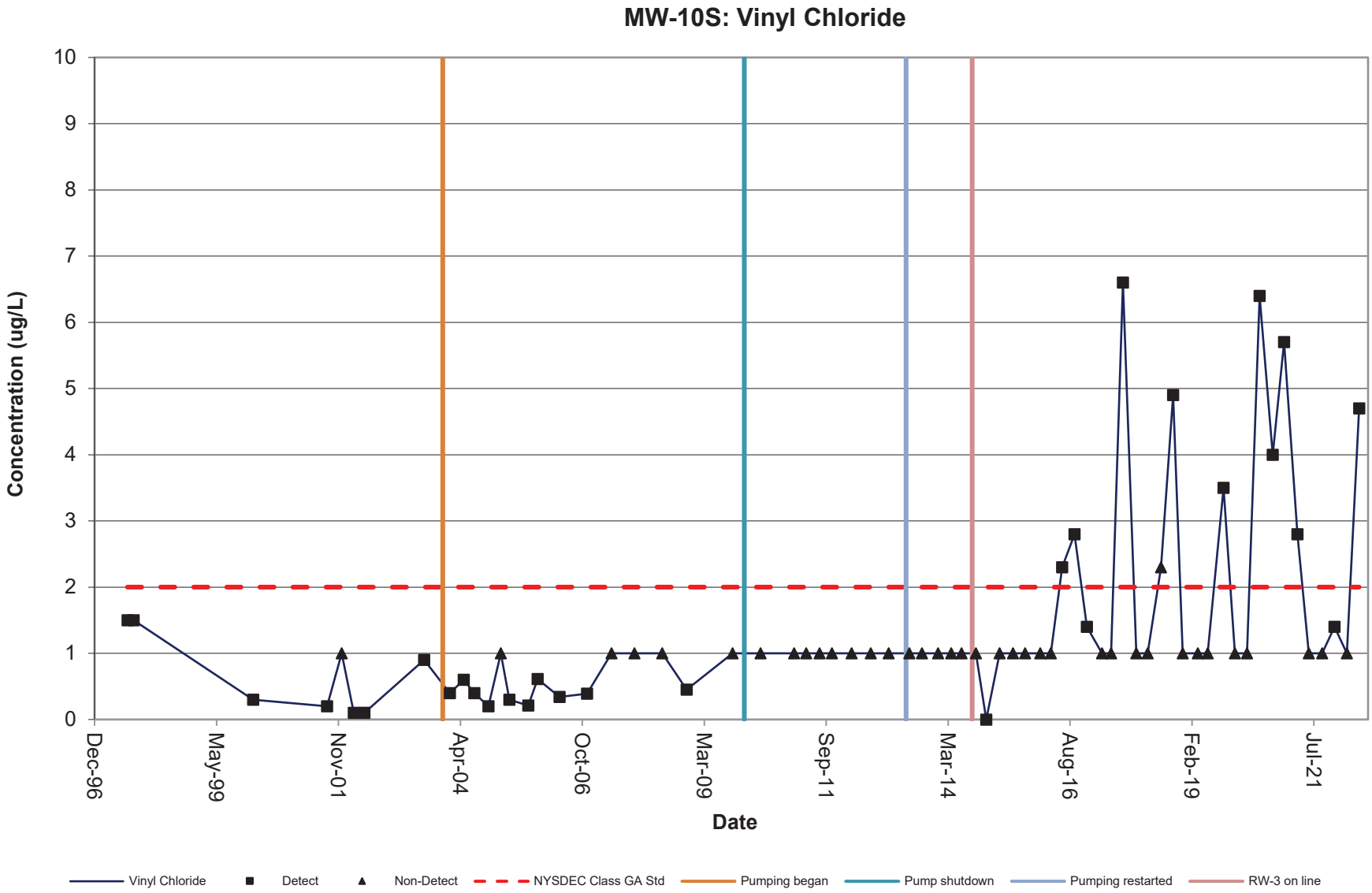

MW-8DD: TCE
Concentration (ug/L)
6.0
5.0
4.0
3.0
2.0
1.0
0.0
Sep-02
May-05
Feb-08
Nov-10
Aug-13
May-16
Feb-19
Oct-21
Date
TCE
Detect
Non-Detect
NYSDEC Class GA Std
Pumping began
Pump shutdown
Pumping restarted
RW-3 on line

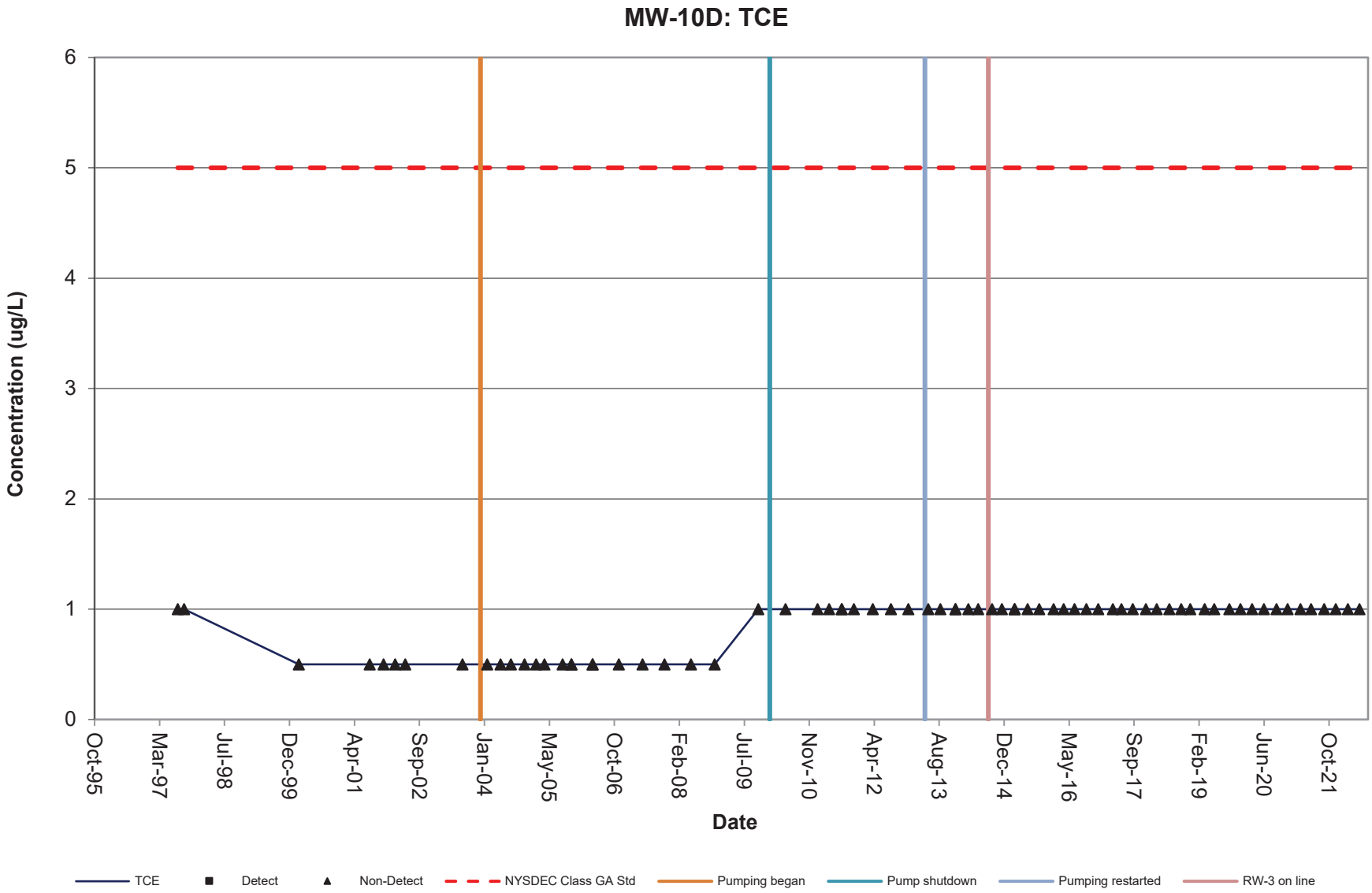

MW-8DD: cis-1,2-DCE
Concentration (ug/L)
9.0
8.0
7.0
6.0
5.0
4.0
3.0
2.0
1.0
0.0
Sep-02
May-05
Feb-08
Nov-10
Aug-13
May-16
Feb-19
Oct-21
Date
cis-1,2-DCE
Detect
Non-Detect
NYSDEC Class GA Std
Pumping began
Pump shutdown
Pumping restarted
RW-3 on line

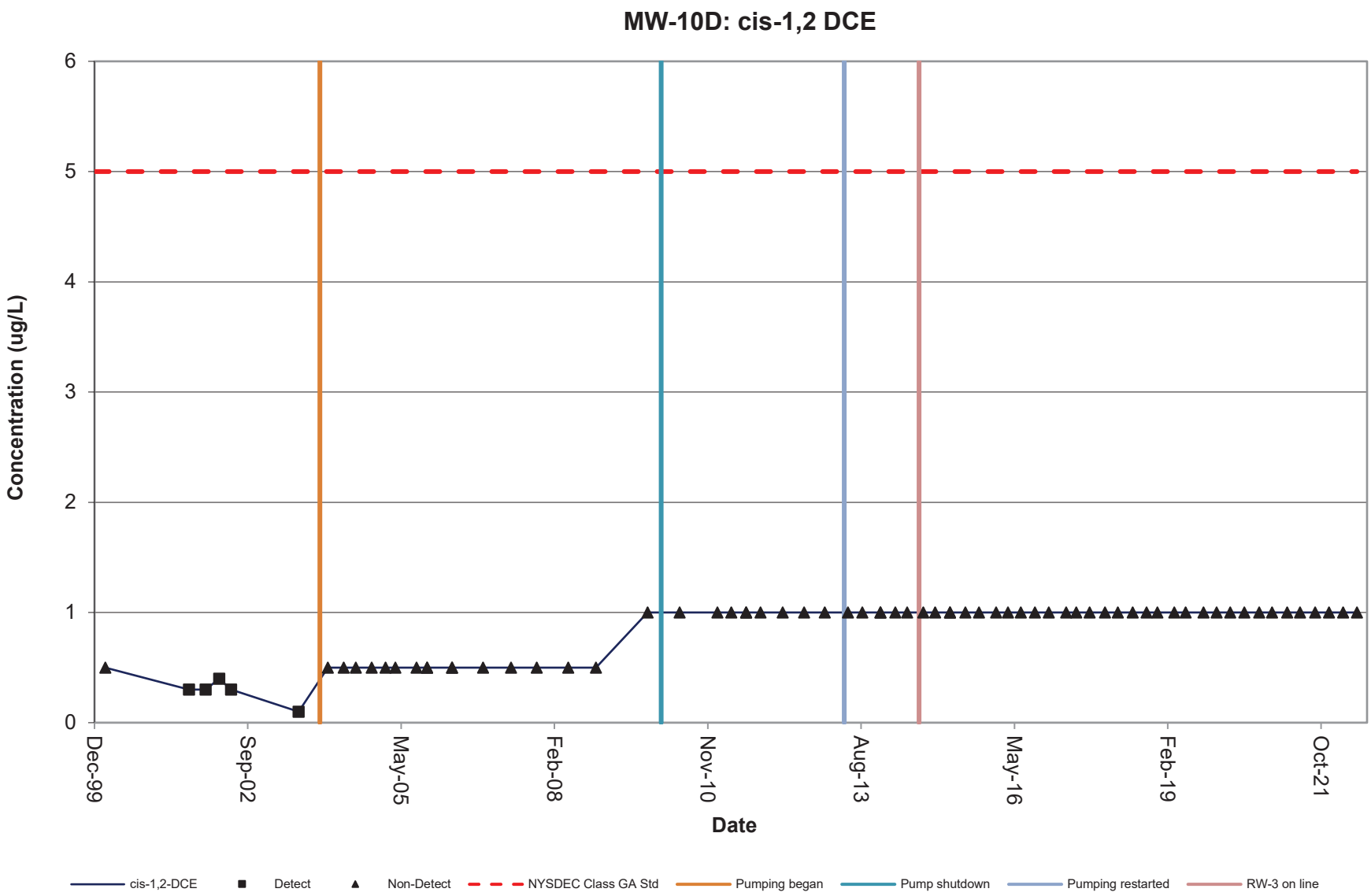

MW-8DD: Vinyl Chloride
16.0
14.0
12.0
10.0
8.0
6.0
4.0
2.0
0.0
Concentration (ug/L)
Sep-02
May-05
Feb-08
Nov-10
Aug-13
May-16
Feb-19
Oct-21
Date
Vinyl Chloride
Detect
Non-Detect
NYSDEC Class GA Std
Pumping began
Pump shutdown
Pumping restarted
RW-3 on line

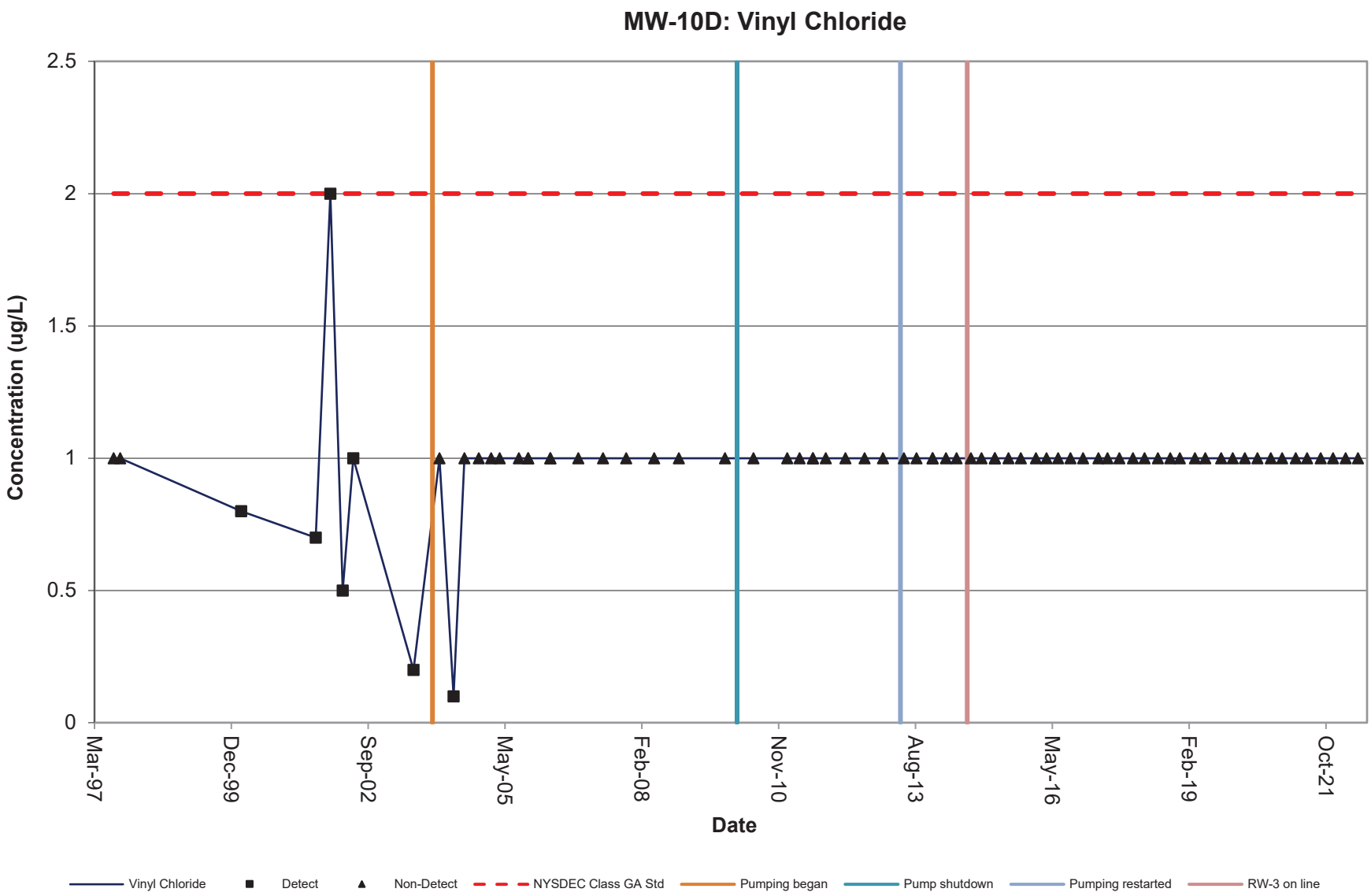

MW-10S: TCE
Concentration (ug/L)
0
1
2
3
4
5
6
7
8
Mar-97
Dec-99
Sep-02
May-05
Feb-08
Nov-10
Aug-13
May-16
Feb-19
Oct-21
Date
TCE
Detect
Non-Detect
NYSDEC Class GA Std
Pumping began
Pump shutdown
Pumping restarted
RW-3 on line


MW-10-S: cis-1,2 DCE
Concentration (ug/L)
50
45
40
35
30
25
20
15
10
5
0
Dec-99
Sep-02
May-05
Feb-08
Nov-10
Aug-13
May-16
Feb-19
Oct-21
Date
cis-1,2-DCE
Detect
Non-Detect
NYSDEC Class GA Std
Pumping began
Pump shutdown
Pumping restarted
RW-3 on line


MW-10S: Vinyl Chloride
Concentration (ug/L)
10
9
8
7
6
5
4
3
2
1
0
Dec-96
May-99
Nov-01
Apr-04
Oct-06
Mar-09
Sep-11
Mar-14
Aug-16
Feb-19
Jul-21
Date
Vinyl Chloride
Detect
Non-Detect
NYSDEC Class GA Std
Pumping began
Pump shutdown
Pumping restarted
RW-3 on line


MW-10D: TCE
Concentration (ug/L)
0
1
2
3
4
5
6
Oct-95
Mar-97
Jul-98
Dec-99
Apr-01
Sep-02
Jan-04
May-05
Oct-06
Feb-08
Jul-09
Nov-10
Apr-12
Aug-13
Dec-14
May-16
Sep-17
Feb-19
Jun-20
Oct-21
Date
TCE
Detect
Non-Detect
NYSDEC Class GA Std
Pumping began
Pump shutdown
Pumping restarted
RW-3 on line


MW-10D: cis-1,2 DCE
Concentration (ug/L)
6
5
4
3
2
1
0
Dec-99
Sep-02
May-05
Feb-08
Nov-10
Aug-13
May-16
Feb-19
Oct-21
Date
cis-1,2-DCE
Detect
Non-Detect
NYSDEC Class GA Std
Pumping began
Pump shutdown
Pumping restarted
RW-3 on line


MW-10D: Vinyl Chloride
Concentration (ug/L)
2.5
2
1.5
1
0.5
0
Mar-97
Dec-99
Sep-02
May-05
Feb-08
Nov-10
Aug-13
May-16
Feb-19
Oct-21
Date
Vinyl Chloride
Detect
Non-Detect
NYSDEC Class GA Std
Pumping began
Pump shutdown
Pumping restarted
RW-3 on line