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Forest Glen Superfund Site, Niagara
Falls, New York

2023 Annual Report

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

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List of Abbreviations and Acronyms

CAH	Chlorinated Aliphatic Hydrocarbon
COCs	Contaminants Of Concern
DCE	Dichloroethane
MCLs	Maximum Contaminant Levels
MNA	Monitoring Natural Attenuation
MSL	Mean Sea Level
NFWB	Niagara Falls Water Board
NYCRR	New York Codes Rules and Regulations
O&M	Operation and Monitoring

PCE	Tetrachloroethylene
RAOs	Remedial Action Objectives
RW	Recovery Well
RWE-1	Remedial Work Element 1 - Soil
RWE-2	Remedial Work Element 2 - Groundwater
ROD	Record of Decision
SIU	Significant Industrial User
SOW	Statement Of Work
TCA	Trichloroethane
TCE	Trichloroethene
TCL	Target Compound List
USEPA	United States Environment Protection Agency
VOCs	Volatile Organic Compounds
VC	Vinyl Chloride

Executive Summary

This document is the 2023 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 contaminated groundwater extraction from the on-property plume using groundwater recovery wells RW-1 and RW-2 and extracted groundwater conveyance 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 groundwater recovery system operation 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. In 2023, these wells recovered approximately 11,693,255 gallons of groundwater for treatment at the Niagara Falls Wastewater Treatment Plant. During 2023, the groundwater recovery system was operational 100% of the year and actively pumped approximately 88% 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 groundwater recovery system monitoring and operation 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 March 2023. 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 shown an increasing trend with intermittent periods when detections were below the MCL and Class GA groundwater standard or not detected (see Section 3.2.1).

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 2023 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 2023.

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 2023, 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 recovery well locations and other Site features are shown on **Figure 3**.

- Extracted groundwater conveyance is 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 Publicly owned treatment work 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 2023 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.

Groundwater 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 2022, the USEPA completed its Sixth Five-Year Review

Report for the Site and concluded that the remedy protects human health and the environment (USEPA, 2022).

In an August 31, 2022, letter to USEPA, Goodyear Tire & Rubber Company (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 E**), the following recommended modifications to post-construction groundwater sampling program were requested:

- 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.
- Discontinue monitoring of monitored natural attenuation (MNA) parameters.
- Continue groundwater elevation monitoring on a quarterly basis from 32 monitoring wells and continue on a quarterly basis the groundwater discharge sampling from the three recovery wells (RW-1, RW-2, and RW-3).
- Reporting will consist of a semiannual report and a more extensive annual report submission

The requested reduction and modifications described above was approved by USEPA in a letter dated July 3, 2023 (provided in **Appendix F**).

A transition from the quarterly to semi-annual monitoring and reporting frequency began in the third quarter 2023 subsequent to USEPA's July 2023 approval of the modification to monitoring and reporting. As such, during 2023, two quarterly groundwater sampling events were conducted (March and June 2023) and the first semi-annual groundwater sampling program occurred in September 2023. In accordance with USEPA's approval, 13 monitoring wells were sampled for VOCs and MNA monitoring was discontinued.

2. Groundwater Recovery and Discharge

2.1 General

A total of approximately 11,693,255 gallons of groundwater were recovered during 2023. **Table 1** below presents a summary of the volumes recovered each month as recorded by the flowmeters.

Table 1. Monthly Operating Summary					
Month	RW-1 volume (gallons)	RW-2 volume (gallons)	RW-3 volume (gallons)	Total volume (gallons)	Remarks
January	369,195	401,125	172,570	942,890	83% operation permitted by Regulator No. 6C.
February	299,583	357,667	191,423	848,673	96% operation permitted by Regulator No. 6C.
March	320,129	372,500	183,346	875,975	85% operation permitted by Regulator No. 6C.
April	248,008	369,620	186,343	803,971	91% operation permitted by Regulator No. 6C.
May	227,120	415,524	215,383	858,028	96% operation permitted by Regulator No. 6C.
June	319,030	435,969	203,881	958,880	99% operation permitted by Regulator No. 6C.
July	361,411	369,033	158,830	889,274	76% operation permitted by Regulator No. 6C.
August	278,461	259,572	113,779	651,812	52% operation permitted by Regulator No. 6C.
September	536,883	475,556	204,451	1,216,890	99% operation permitted by Regulator No. 6C.
October	580,846	484,572	216,111	1,281,529	98% operation permitted by Regulator No. 6C.
November	606,102	412,930	201,073	1,220,105	99% operation permitted by Regulator No. 6C.
December	538,503	410,663	196,063	1,145,229	92% operation permitted by Regulator No. 6C.
2023 Total	4,685,271	4,764,731	2,243,253	11,693,255	

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 and according to the NFWB schedule:

- December 1, 2022, to February 28, 2023: RW-1, RW-2 and RW-3 sampled on December 21 and 22, 2022.
- March 1, 2023, to May 31, 2023: RW-1, RW-2 and RW-3 sampled on March 27 and 28, 2023
- June 1, 2023, to August 31, 2023: RW-1, RW-2 and RW-3 sampled on June 13 and 14, 2023

- September 1, 2023, to November 30, 2023: RW-1, RW-2 and RW-3 sampled on September 18 and 19, 2023.

The self-monitoring laboratory reports for 2023, which were provided to the 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

The following inspection and maintenance activities were conducted during 2023:

Weekly Inspections

Physical inspections are performed by a local inspector on a weekly basis to confirm the structures are secure and visually check on the system components and the cover system. The flow at each of the wells is recorded and the interior piping system is visually inspected for leaks or potential issues. The RW1/RW2 float switch is tested monthly. The heaters are checked and turned on and off depending on the season.

Weekly preventive maintenance for RW-3

Weekly routine flushing and surging of the RW3 pumping system was continued in 2023, 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 by 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.

February 13, 2023

Maintenance personnel mobilized to the site, in response to reduced flow rates at RW1 and RW2. Various maintenance activities were performed including pulling the RW1 pump and replacing it with a new pump, evaluate whether a new pump end would yield higher flow rates then installing a previously cleaned pump end, mechanical snaking the inlet line between RW1 and the sample shed and the RW1/RW2 sample shed discharge line. Based on investigations there appeared to be a line restriction on the RW1/RW2 sample shed discharge line.

February 28, 2023

A maintenance team returned to the site to further evaluate the potential obstruction in the RW1/RW2 combined discharge line and take additional steps to address reduced flows at RW1 and RW2. The discharge manhole, MH-3B was accessed by confined space entry and the discharge line was snaked and flushed four times. A push camera was advanced down the line from the manhole and it was discovered that there is a line restriction roughly 12-18 inches from the manhole so the camera could not be advanced any further to inspect the rest of the line. Results of the investigation indicate that there are two known obstructions in the discharge line, one approximately 20 feet from the sampling shed and a second around 12-18 inches from MH3B. The RW1 supply line was flushed with potable water from a hydrant at a pressure of 68psi. The downhole portion of the RW1 line, from the pitless adapter to the pump was videoed and showed a clean pipe. The RW2 supply line was also flushed in the same manner as RW1. The RW2 line

from the pitless adapter to the pump was videoed and showed a clean pipe. After snaking flushing, camera work and valve adjustment RW1 was pumping at a rate of 9.35gpm and RW2 was pumping at a rate of 10gpm. Since the flow rates stabilized following the line and pump cleaning efforts, it was determined that the best plan of action is to continue to monitor the flows and perform physical cleaning of the pumps and lines as needed.

June 14, 2023

An instrument technician was deployed to the site to calibrate the RW-1, RW-2 and RW-3 flow meters. The flow meters were calibrated with a 3-point simulation procedure.

August 14-15, 2023

An instrument technician was deployed to the site to replace the failed radio located in the electric room of the warehouse. Issues with the radio telemetry system began on July 31, 2023 , the existing radios, receivers and remote were found to be obsolete and no longer available so updated versions of the system components were selected and ordered. The new replacement components were installed and wired on August 14, and August 15, 2023. The flowrates at each well were verified via. Sensaphone system. The replacement system was back online the morning of September 15, 2023.

3. Groundwater Monitoring

3.1 General

Prior to the USEPA-approved modification to the groundwater monitoring frequency received in July 2023, quarterly groundwater samples were collected from 17 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) during March and June 2023. After USEPA's approval, groundwater samples were collected from 13 monitoring wells (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) during September 2023. 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 2023; **Figures 6 and 7**, respectively for June 2023; **Figures 8 and 9**, respectively for September 2023; and **Figures 10 and 11**, respectively for December 2023. 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 2023 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 2021 and 2023 are presented in **Table 3**, and between system startup on December 19, 2003, and 2023 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 March 2023 quarterly 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

Assessment of groundwater quality data, provided in **Tables 3 and 4**, and concentration trend graphs provided in **Appendix D**, is summarized below. 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 groundwater extraction 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:
 - o 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.
- To the south of the MW-5S/D well nest:
 - o TCE has not typically been detected at the MW-6S/D/DD well nest, and when detected, concentrations are below MCLs.
 - o 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 (73 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.
 - o 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 (2 µg/L) 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.

- o TCE has not been detected at MW-10S since September 2005. TCE has not been detected at MW-10D .
- o 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 first semi-annual of 2023, the cis-1,2-DCE concentration increased to 51 ug/L. cis-1,2-DCE concentrations at MW-10S will continue to be monitored closely. Cis-1,2-DCE has not been detected at MW-10D since the first quarter of 2004.
- o 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 typically ranged between 1.4 and 6.6 µg/L. During the first semi-annual of 2023, the VC concentration increased to 10 ug/L. VC concentrations at MW-10S will continue to be monitored closely. VC has not been detected at MW-10D since the third quarter of 2004.
- To the north of MW-5S/D:
 - o 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.
 - o 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.
 - o 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:
 - o 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.
 - o 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.
 - o 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.

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 (**Appendix E**). The requested reduction and modifications were approved by USEPA in a letter dated July 3, 2023 (provided in **Appendix F**).

A transition from the quarterly to semi-annual monitoring and reporting frequency began in the third quarter 2023 subsequent to USEPA's July 2023 approval of the modification to monitoring and reporting. Based on this, the following is recommended:

- Continue with the groundwater elevation monitoring 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.
- Continue operation and maintenance of the groundwater extraction system
- Continue the semi-annual groundwater monitoring and sampling.

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, New York*, January 2014

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

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

USEPA, 2022. *Sixth Five-Year Review Report, Forest Glen Subdivision Site, Niagara Falls, New York*, July 2022

TABLES

Table 2
Ground Water Elevations
2023 Annual Report - Forest Glen Superfund Site
Niagara Falls, New York

Well I.D.	Top of Casing	Screened Interval	8/1/1997		7/13/2001		8/13/2001		11/26/2001	
	Elevation (ft MSL)	Elevation (ft MSL)	DTW	GWE	DTW	GWE	DTW	GWE	DTW	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

Table 2
Ground Water Elevations
2023 Annual Report - Forest Glen Superfund Site
Niagara Falls, New York

Well I.D.	Top of Casing	Screened Interval	2/25/2002		5/13/2002		7/28/2003		2/6/2004	
	Elevation (ft MSL)	Elevation (ft MSL)	DTW	GWE	DTW	GWE	DTW	GWE	DTW	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
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GWE - Ground Water Elevation
NM - Not Measured
NI - Not Installed

Table 2
Ground Water Elevations
2023 Annual Report - Forest Glen Superfund Site
Niagara Falls, New York

Well I.D.	Top of Casing	Screened Interval	5/17/2004		7/23/2004		8/4/2004		11/18/2004	
	Elevation (ft MSL)	Elevation (ft MSL)	DTW	GWE	DTW	GWE	DTW	GWE	DTW	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
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NM - Not Measured
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Table 2
Ground Water Elevations
2023 Annual Report - Forest Glen Superfund Site
Niagara Falls, New York

Well I.D.	Top of Casing	Screened Interval	2/16/2005		4/18/2005		9/6/2005		11/14/2005	
	Elevation (ft MSL)	Elevation (ft MSL)	DTW	GWE	DTW	GWE	DTW	GWE	DTW	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

Table 2
Ground Water Elevations
2023 Annual Report - Forest Glen Superfund Site
Niagara Falls, New York

Well I.D.	Top of Casing	Screened Interval	4/25/2006		11/13/2006		5/1/2007		10/29/07	
	Elevation (ft MSL)	Elevation (ft MSL)	DTW	GWE	DTW	GWE	DTW	GWE	DTW	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

Table 2
Ground Water Elevations
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Niagara Falls, New York

Well I.D.	Top of Casing	Screened Interval	05/21/08		11/17/08		10/19/09		05/17/10	
	Elevation (ft MSL)	Elevation (ft MSL)	DTW	GWE	DTW	GWE	DTW	GWE	DTW	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
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NM - Not Measured
NI - Not Installed

Table 2
Ground Water Elevations
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Niagara Falls, New York

Well I.D.	Top of Casing	Screened Interval	11/18/2010		1/17/2011		4/18/2011		7/25/2011	
	Elevation (ft MSL)	Elevation (ft MSL)	DTW	GWE	DTW	GWE	DTW	GWE	DTW	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
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NI - Not Installed

Table 2
Ground Water Elevations
2023 Annual Report - Forest Glen Superfund Site
Niagara Falls, New York

Well I.D.	Top of Casing	Screened Interval	10/24/2011		3/19/2012		8/6/2012		12/17/2012	
	Elevation (ft MSL)	Elevation (ft MSL)	DTW	GWE	DTW	GWE	DTW	GWE	DTW	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

Table 2
Ground Water Elevations
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Well I.D.	Top of Casing	Screened Interval	5/20/2013		8/19/2013		12/16/2013		3/12/2014	
	Elevation (ft MSL)	Elevation (ft MSL)	DTW	GWE	DTW	GWE	DTW	GWE	DTW	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

Table 2
Ground Water Elevations
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Well I.D.	Top of Casing	Screened Interval	6/9/2014		9/22/2014		12/8/2014		3/16/2015	
	Elevation (ft MSL)	Elevation (ft MSL)	DTW	GWE	DTW	GWE	DTW	GWE	DTW	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

Table 2
Ground Water Elevations
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Well I.D.	Top of Casing	Screened Interval	5/7/2015		6/23/2015		9/21/2015		1/11/2016	
	Elevation (ft MSL)	Elevation (ft MSL)	DTW	GWE	DTW	GWE	DTW	GWE	DTW	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
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NI - Not Installed

Table 2
Ground Water Elevations
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Niagara Falls, New York

Well I.D.	Top of Casing	Screened Interval	3/28/2016		6/20/2016		9/19/2016		12/19/2016	
	Elevation (ft MSL)	Elevation (ft MSL)	DTW	GWE	DTW	GWE	DTW	GWE	DTW	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
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Table 2
Ground Water Elevations
2023 Annual Report - Forest Glen Superfund Site
Niagara Falls, New York

Well I.D.	Top of Casing	Screened Interval	4/10/2017		6/26/2017		9/11/2017		12/19/2017	
	Elevation (ft MSL)	Elevation (ft MSL)	DTW	GWE	DTW	GWE	DTW	GWE	DTW	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
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Table 2
Ground Water Elevations
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Well I.D.	Top of Casing	Screened Interval	3/13/2018		6/18/2018		9/17/2018		11/27/2018	
	Elevation (ft MSL)	Elevation (ft MSL)	DTW	GWE	DTW	GWE	DTW	GWE	DTW	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

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Table 2
Ground Water Elevations
2023 Annual Report - Forest Glen Superfund Site
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Well I.D.	Top of Casing	Screened Interval	3/18/2019		6/19/2019		9/23/2019		12/17/2019	
	Elevation (ft MSL)	Elevation (ft MSL)	DTW	GWE	DTW	GWE	DTW	GWE	DTW	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
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Table 2
Ground Water Elevations
2023 Annual Report - Forest Glen Superfund Site
Niagara Falls, New York

Well I.D.	Top of Casing	Screened Interval	3/16/2020		6/15/2020		9/21/2020		12/4/2020	
	Elevation (ft MSL)	Elevation (ft MSL)	DTW	GWE	DTW	GWE	DTW	GWE	DTW	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

Table 2
Ground Water Elevations
2023 Annual Report - Forest Glen Superfund Site
Niagara Falls, New York

Well I.D.	Top of Casing	Screened Interval	3/22/2021		6/14/2021		9/20/2021		12/20/2021	
	Elevation (ft MSL)	Elevation (ft MSL)	DTW	GWE	DTW	GWE	DTW	GWE	DTW	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

Table 2
Ground Water Elevations
2023 Annual Report - Forest Glen Superfund Site
Niagara Falls, New York

Well I.D.	Top of Casing	Screened Interval	3/21/2022		6/21/2022		9/26/2022		12/20/2022	
	Elevation (ft MSL)	Elevation (ft MSL)	DTW	GWE	DTW	GWE	DTW	GWE	DTW	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

Table 2
Ground Water Elevations
2023 Annual Report - Forest Glen Superfund Site
Niagara Falls, New York

Well I.D.	Top of Casing	Screened Interval	3/27/2023		6/13/2023		9/18/2023		12/13/2023	
	Elevation (ft MSL)	Elevation (ft MSL)	DTW	GWE	DTW	GWE	DTW	GWE	DTW	GWE
MW-1S	598.15	568.5 - 578.5	9.15	589.00	18.00	580.15	17.77	580.38	16.67	581.48
MW-1D	598.05	546.7 - 567.5	12.05	586.00	18.23	579.82	17.63	580.42	16.3	581.75
MW-2S	596.95	567.1 - 577.1								
	607.04									
	600.11		19.75	580.36	25.7	574.41	25.38	574.73	23.78	576.33
MW-2D	596.98	535.4 - 559.8								
	607.02									
	600.21		16.15	584.06	22.24	577.97	23.7	576.51	20.42	579.79
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		12.9	581.06	18.7	575.26	18.85	575.11	17.1	576.86
MW-4D	595.44	534.1 - 563.4								
	596.22									
	594.11		14.08	580.03	20.92	573.19	21.04	573.07	17.82	576.29
MW-5S	594.25	566.2 - 576.2								
	596.52									
	592.85		13.38	579.47	20.32	572.53	20.53	572.32	17.42	575.43
MW-5D	594.34	542.7 - 565.4								
	596.68									
	593.68		14.16	579.52	21.02	572.66	21.18	572.50	17.95	575.73
MW-6S	597.11	568.2 - 578.2	19.8	577.31	22.58	574.53	22.44	574.67	21.66	575.45
MW-6D	596.73	540.3 - 567.8	17.95	578.78	24.52	572.21	24.62	572.11	21.58	575.15
MW-6DD	596.02									
MW-7S	596.28	566.3 - 576.3	10.05	586.23	15.12	581.16	19.5	576.78	12.65	583.63
MW-7D	596.28	543.2 - 563.2	15.9	580.38	22.64	573.64	23.46	572.82	19.6	576.68
MW-7DD										
MW-8S	596.67	564.4 - 574.4	13.36	583.31	17.9	578.77	19.4	577.27	15.25	581.42
MW-8D	596.86	542.8 - 561.9	16.83	580.03	23.32	573.54	22.38	574.48	20.29	576.57
MW-8DD										
MW-9S	595.22	568.2 - 578.2								
	605.28									
	600.98		19.48	581.50	23.3	577.68	23.76	577.22	22.6	578.38
MW-9D	595.31	538.5 - 567.5								
	605.35									
	600.77		19.3	581.47	25.82	574.95	25.6	575.17	22.74	578.03
MW-10S	595.52	563.7 - 573.7	15	580.52	20.22	575.30	20.36	575.16	18.48	577.04
MW-10D	594.96	543.4 - 563.4	13.2	581.76	19.08	575.88	19.3	575.66	16.68	578.28
MW-11S	600.54	585.3 - 595.3	11.23	589.31	16.67	583.87	16.6	583.94	14.32	586.22
MW-11D	600.20	549.2 - 559.2	7.93	592.27	12.42	587.78	12.49	587.71	10.62	589.58
MW-12S	600.24	582.1 - 592.1	14.44	585.80	20.28	579.96	20.21	580.03	17.6	582.64
MW-12D	600.36	546.7 - 565.7	14.73	585.63	20.52	579.84	11.54	588.82	17.77	582.59
MW-13S	597.75	566.8 - 576.8	12.8	584.95	18.9	578.85	19.2	578.55	16.11	581.64
MW-13D	597.87	545.6 - 565.1	13.72	584.15	19.84	578.03	18.85	579.02	16.95	580.92
MW-14S	597.18	565.1 - 575.1	16.9	580.28	23.59	573.59	23.85	573.33	20.41	576.77
MW-14D	596.38	544.7 - 564.7	16.48	579.90	23.19	573.19	23.53	572.85	20.2	576.18
MW-15S	599.70	566.4 - 576.4	13.44	586.26	19.24	580.46	19.2	580.50	16.51	583.19
MW-15D	598.37	547.0 - 563.0	12.97	585.40	18.75	579.62	18.85	579.52	16.14	582.23
RW-1	593.60	526.5 - 574.5								
	593.67									
	593.87		14.22	579.65	21.55	572.32	22.25	571.62	18.4	575.47
RW-2	591.79	523.8 - 570.8								
	591.80									
	592.43		12.82	579.61	19.65	572.78	19.78	572.65	16.64	575.79
RW-3	595.65		20.75	574.90	22.6	573.05	21.64	574.01	24.18	571.47

NOTES: MSL - Mean Sea Level
DTW - Depth to Water
GWE - Ground Water Elevation
NM - Not Measured
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Table 3
2021-2023 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
		Depth Interval	-	-	-	-
		Sample Date	12/20/2021	3/21/2022	6/21/2022	9/27/2022
		Sample ID	MW1D 122021	MW1D 032122	MW-1D 062122	MW1D 092722
			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		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, high biased

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

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

Data have not been validated

Table 3
2021-2023 Groundwater Data - VOCs
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW Stds (ug/l)	MW-01D	MW-01D	MW-01D	MW-01D
		---	-	-	-
		12/21/2022 MW1D122122 ug/l	3/28/2023 MW1D 032823 ug/L	6/14/2023 MW1D 061423 ug/L	6/14/2023 X-1 061423 ug/L
1,1,1-Trichloroethane	5	1.0 U	1.0 U	1U	1U
1,1,2,2-Tetrachloroethane	5	1.0 U	1.0 U	1U	1U
1,1,2-Trichloroethane	1	1.0 U	1.0 U	1U	1U
1,1-Dichloroethane	5	1.0 U	1.0 U	1U	1U
1,1-Dichloroethene	5	1.0 U	1.0 U	1U	1U
1,2-Dichloroethane	0.6	1.0 U	1.0 U	1U	1U
1,2-Dichloroethene (Total)	5	---	---	---	---
1,2-Dichloropropane	1	1.0 U	1.0 U	1U	1U
2-Hexanone	50	5.0 U *+	5.0 U	5U	5U
4-Methyl-2-pentanone	NS	5.0 U *+	1.0 U	5U	5U
Acetone	50	10 U	10 U	10U	10U
Benzene	1	1.0 U	1.0 U	1U	1U
Bromodichloromethane	50	1.0 U	1.0 U	1U	1U
Bromoform	50	1.0 U	1.0 U	1U	1U
Bromomethane	5	1.0 U	1.0 U	1U	1U
Carbon disulfide	60	1.0 U	1.0 U	1U	1U
Carbon tetrachloride	5	1.0 U	1.0 U	1U	1U
Chlorobenzene	5	1.0 U	1.0 U	1U	1U
Chloroethane	5	1.0 U	1.0 U	1U	1U
Chloroform	7	1.0 U	1.0 U	1U	1U
cis-1,2-Dichloroethene	5	1.0 U	1.0 U	1U	1U
cis-1,3-Dichloropropene	0.4	1.0 U	1.0 U	1U	1U
Dibromochloromethane	50	1.0 U	1.0 U	1U	1U
Ethylbenzene	5	1.0 U	1.0 U	1U	1U
Methyl chloride	5	1.0 U	1.0 U	1U	1U
Methyl ethyl ketone	50	10 U	10 U	10U	10U
Methylene chloride	5	1.0 U	1.0 U	1U	1U
Styrene	5	1.0 U	1.0 U	1U	1U
Tetrachloroethene	5	1.0 U	1.0 U	1U	1U
Toluene	5	1.0 U	1.0 U	1U	1U
trans-1,2-Dichloroethene	5	1.0 U	1.0 U	1U	1U
trans-1,3-Dichloropropene	0.4	1.0 U	1.0 U	1U	1U
Trichloroethene	5	1.0 U	1.0 U	1U	1U
Vinyl chloride	2	1.0 U	1.0 U	1U	1U
Xylenes, Total	5	2.0 U	2.0 U	2U	2U

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

Table 3
2021-2023 Groundwater Data - VOCs
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW Stds (ug/l)	Location ID Depth Interval Sample ID	MW-01S	MW-01S	MW-01S	MW-01S
			-	-	-	-
			12/20/2021	3/21/2022	6/21/2022	9/27/2022
			MW1S 122021	MW1S 032122	MW-1S 062122	MW1S 092722
			ug/l	ug/l	ug/l	ug/l
1,1,1-Trichloroethane	5		2.0 U	1.0 U	1.0 U	2.0 U
1,1,2,2-Tetrachloroethane	5		2.0 U	1.0 U	1.0 U	2.0 U *
1,1,2-Trichloroethane	1		2.0 U	1.0 U	1.0 U	2.0 U
1,1-Dichloroethane	5		2.0 U	1.0 U	1.0 U	2.0 U *
1,1-Dichloroethene	5		2.0 U	1.0 U	1.0 U	2.0 U
1,2-Dichloroethane	0.6		2.0 U	1.0 U	1.0 U	2.0 U *
1,2-Dichloroethene (Total)	5		---	---	---	---
1,2-Dichloropropane	1		2.0 U	1.0 U	1.0 U	2.0 U *
2-Hexanone	50		10 U	5.0 U	5.0 U	10 U
4-Methyl-2-pentanone	NS		10 U	5.0 U	5.0 U	10 U
Acetone	50		20 U	10 U	10 U	< 20 U
Benzene	1		2.0 U	1.0 U	1.0 U	2.0 U
Bromodichloromethane	50		2.0 U	1.0 U	1.0 U	2.0 U *
Bromoform	50		2.0 U	1.0 U	1.0 U	2.0 U
Bromomethane	5		2.0 U	1.0 U	1.0 U	2.0 U
Carbon disulfide	60		2.0 U	1.0 U	1.0 U	2.0 U
Carbon tetrachloride	5		2.0 U	1.0 U	1.0 U	2.0 U
Chlorobenzene	5		2.0 U	1.0 U	1.0 U	2.0 U
Chloroethane	5		2.0 U	1.0 U	1.0 U	2.0 U
Chloroform	7		2.0 U	1.0 U	1.0 U	2.0 U
cis-1,2-Dichloroethene	5		2.0 U	1.0 U	1.0 U	2.0 U
cis-1,3-Dichloropropene	0.4		2.0 U	1.0 U	1.0 U	2.0 U *
Dibromochloromethane	50		2.0 U	1.0 U	1.0 U	2.0 U *
Ethylbenzene	5		2.0 U	1.0 U	1.0 U	2.0 U
Methyl chloride	5		2.0 U	1.0 U	1.0 U	2.0 U
Methyl ethyl ketone	50		20 U	10 U	10 U	< 20 U *
Methylene chloride	5		2.0 U	1.0 U	1.0 U	2.0 U *
Styrene	5		2.0 U	1.0 U	1.0 U	2.0 U *
Tetrachloroethene	5		2.0 U	1.0 U	1.0 U	2.0 U *
Toluene	5		2.0 U	1.0 U	1.0 U	2.0 U
trans-1,2-Dichloroethene	5		2.0 U	1.0 U	1.0 U	2.0 U
trans-1,3-Dichloropropene	0.4		2.0 U	1.0 U	1.0 U	2.0 U
Trichloroethene	5		2.0 U	1.0 U	1.0 U	2.0 U
Vinyl chloride	2		2.0 U	1.0 U	1.0 U	2.0 U
Xylenes, Total	5		4.0 U	2.0 U	2.0 U	4.0 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 Quality Standard, '--- Not Analyzed
Data have not been validated

Table 3
2021-2023 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	MW-01S	MW-01S
			---	-	-
			12/21/2022	3/28/2023	6/14/2023
			MW1S122122	MW1S 032823	MW1S 061423
			ug/l	ug/L	ug/L
1,1,1-Trichloroethane	5		1.0 U	1.0 U	1U
1,1,2,2-Tetrachloroethane	5		1.0 U	1.0 U	1U
1,1,2-Trichloroethane	1		1.0 U	1.0 U	1U
1,1-Dichloroethane	5		1.0 U	1.0 U	1U
1,1-Dichloroethene	5		1.0 U	1.0 U	1U
1,2-Dichloroethane	0.6		1.0 U	1.0 U	1U
1,2-Dichloroethene (Total)	5		---	---	---
1,2-Dichloropropane	1		1.0 U	1.0 U	1U
2-Hexanone	50		5.0 U +	5.0 U	5U
4-Methyl-2-pentanone	NS		5.0 U +	1.0 U	5U
Acetone	50		10 U	10 U	10U
Benzene	1		1.0 U	1.0 U	1U
Bromodichloromethane	50		1.0 U	1.0 U	1U
Bromoform	50		1.0 U	1.0 U	1U
Bromomethane	5		1.0 U	1.0 U	1U
Carbon disulfide	60		1.0 U	1.0 U	1U
Carbon tetrachloride	5		1.0 U	1.0 U	1U
Chlorobenzene	5		1.0 U	1.0 U	1U
Chloroethane	5		1.0 U	1.0 U	1U
Chloroform	7		1.0 U	1.0 U	1U
cis-1,2-Dichloroethene	5		1.0 U	1.0 U	1U
cis-1,3-Dichloropropene	0.4		1.0 U	1.0 U	1U
Dibromochloromethane	50		1.0 U	1.0 U	1U
Ethylbenzene	5		1.0 U	1.0 U	1U
Methyl chloride	5		1.0 U	1.0 U	1U
Methyl ethyl ketone	50		10 U	10 U	10U
Methylene chloride	5		1.0 U	1.0 U	1U
Styrene	5		1.0 U	1.0 U	1U
Tetrachloroethene	5		1.0 U	1.0 U	1U
Toluene	5		1.0 U	1.0 U	1U
trans-1,2-Dichloroethene	5		1.0 U	1.0 U	1U
trans-1,3-Dichloropropene	0.4		1.0 U	1.0 U	1U
Trichloroethene	5		1.0 U	1.0 U	1U
Vinyl chloride	2		1.0 U	1.0 U	1U
Xylenes, Total	5		2.0 U	2.0 U	2U

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

Table 3
2021-2023 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
		Depth Interval	-	-	-	-
		Sample Date	12/22/2021	3/22/2022	6/22/2022	9/29/2022
		Sample ID	MW4D 122221	MW4D 032222	MW-4D 062222	MW4D 092922
			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		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, high bias
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Data have not been validated

Table 3
2021-2023 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
		Depth Interval	---	-	-	-
		Sample Date	12/21/2022	3/29/2023	3/29/2023	6/14/2023
		Sample ID	MW4D122122	MW4D 032923	DUP 032923	MW4D 061423
			ug/l	ug/L	ug/L	ug/L
1,1,1-Trichloroethane	5		1.0 U	1.0 U	1.0 U	1U
1,1,2,2-Tetrachloroethane	5		1.0 U	1.0 U	1.0 U	1U
1,1,2-Trichloroethane	1		1.0 U	1.0 U	1.0 U	1U
1,1-Dichloroethane	5		1.0 U	1.0 U	1.0 U	1U
1,1-Dichloroethene	5		1.0 U	1.0 U	1.0 U	1U
1,2-Dichloroethane	0.6		1.0 U	1.0 U	1.0 U	1U
1,2-Dichloroethene (Total)	5		---	---	---	---
1,2-Dichloropropane	1		1.0 U	1.0 U	1.0 U	1U
2-Hexanone	50		5.0 U **	5.0 U	5.0 U	5U
4-Methyl-2-pentanone	NS		5.0 U **	1.0 U	1.0 U	5U
Acetone	50		10 U	10 U	10 U	10U
Benzene	1		1.0 U	1.0 U	1.0 U	1U
Bromodichloromethane	50		1.0 U	1.0 U	1.0 U	1U
Bromoform	50		1.0 U	1.0 U	1.0 U	1U
Bromomethane	5		1.0 U	1.0 U	1.0 U	1U
Carbon disulfide	60		1.0 U	1.0 U	1.0 U	1U
Carbon tetrachloride	5		1.0 U	1.0 U	1.0 U	1U
Chlorobenzene	5		1.0 U	1.0 U	1.0 U	1U
Chloroethane	5		1.0 U	1.0 U	1.0 U	1U
Chloroform	7		1.0 U	1.0 U	1.0 U	1U
cis-1,2-Dichloroethene	5		1.0 U	1.0 U	1.0 U	1U
cis-1,3-Dichloropropene	0.4		1.0 U	1.0 U	1.0 U	1U
Dibromochloromethane	50		1.0 U	1.0 U	1.0 U	1U
Ethylbenzene	5		1.0 U	1.0 U	1.0 U	1U
Methyl chloride	5		1.0 U	1.0 U	1.0 U	1U
Methyl ethyl ketone	50		10 U	10 U	10 U	10U
Methylene chloride	5		1.0 U	1.0 U	1.0 U	1U
Styrene	5		1.0 U	1.0 U	1.0 U	1U
Tetrachloroethene	5		1.0 U	1.0 U	1.0 U	1U
Toluene	5		1.0 U	1.0 U	1.0 U	1U
trans-1,2-Dichloroethene	5		1.0 U	1.0 U	1.0 U	1U
trans-1,3-Dichloropropene	0.4		1.0 U	1.0 U	1.0 U	1U
Trichloroethene	5		1.0 U	1.0 U	1.0 U	1U
Vinyl chloride	2		1.0 U	1.0 U	1.0 U	1U
Xylenes, Total	5		2.0 U	2.0 U	2.0 U	2U

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

Table 3
2021-2023 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
		Depth Interval	---	---	---	---
		Sample Date	12/22/2021	3/22/2022	6/23/2022	9/27/2022
		Sample ID	MW4S 122221	MW4S 032222	MW-4S 062322	MW4S092722
			ug/l	ug/l	ug/l	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		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	

NOT
SAMPLED

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 Quality Standard, H - Holding time exceeded, ---- Not Analy;
Data have not been validated

Table 3
2021-2023 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
		Depth Interval	---	---	---
		Sample Date	12/21/2022	3/28/2023	6/14/2023
		Sample ID	MW4S122122	MW4S 032823	MW4S 061423
			ug/l	ug/L	ug/L
1,1,1-Trichloroethane	5		1.0 U	1.0 U	1U
1,1,2,2-Tetrachloroethane	5		1.0 U	1.0 U	1U
1,1,2-Trichloroethane	1		1.0 U	1.0 U	1U
1,1-Dichloroethane	5		1.0 U	1.0 U	1U
1,1-Dichloroethene	5		1.0 U	1.0 U	1U
1,2-Dichloroethane	0.6		1.0 U	1.0 U	1U
1,2-Dichloroethene (Total)	5		---	---	---
1,2-Dichloropropane	1		1.0 U	1.0 U	1U
2-Hexanone	50		5.0 U *	5.0 U	5U
4-Methyl-2-pentanone	NS		5.0 U *	1.0 U	5U
Acetone	50		10 U	10 U	10U
Benzene	1		1.0 U	1.0 U	1U
Bromodichloromethane	50		1.0 U	1.0 U	1U
Bromoform	50		1.0 U	1.0 U	1U
Bromomethane	5		1.0 U	1.0 U	1U
Carbon disulfide	60		1.0 U	1.0 U	1U
Carbon tetrachloride	5		1.0 U	1.0 U	1U
Chlorobenzene	5		1.0 U	1.0 U	1U
Chloroethane	5		1.0 U	1.0 U	1U
Chloroform	7		1.0 U	1.0 U	1U
cis-1,2-Dichloroethene	5		1.0 U	1.0 U	1U
cis-1,3-Dichloropropene	0.4		1.0 U	1.0 U	1U
Dibromochloromethane	50		1.0 U	1.0 U	1U
Ethylbenzene	5		1.0 U	1.0 U	1U
Methyl chloride	5		1.0 U	1.0 U	1U
Methyl ethyl ketone	50		10 U	10 U	10U
Methylene chloride	5		1.0 U	1.0 U	1U
Styrene	5		1.0 U	1.0 U	1U
Tetrachloroethene	5		1.0 U	1.0 U	1U
Toluene	5		1.0 U	1.0 U	1U
trans-1,2-Dichloroethene	5		1.0 U	1.0 U	1U
trans-1,3-Dichloropropene	0.4		1.0 U	1.0 U	1U
Trichloroethene	5		1.0 U	1.0 U	1U
Vinyl chloride	2		1.0 U	1.0 U	1U
Xylenes, Total	5		2.0 U	2.0 U	2U

NOTES:

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

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Data have not been validated

Table 3
2021-2023 Groundwater Data - VOCs
Forest Glen Superfund Site
Niagara Falls, New York

		Location ID	MW-05D	MW-05D	MW-05D	MW-05D
		Depth Interval	-	-	-	-
		Sample Date	12/22/2021	3/22/2022	6/22/2022	6/22/2022
		Sample ID	MW5D 122221	MW5D 032222	MW-5D 062222	X-1 062222
Class GA GW			ug/l	ug/l	ug/l	ug/l
Chemical Name	Standards (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	0.41 J	0.40 J	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:

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R - unusable, NS - no standard, X-1 - duplicate sample, *+ - LCS or LCSD exceeds control limits, high I
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Data have not been validated

Table 3
2021-2023 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	9/27/2022	12/21/2022	3/28/2023	6/14/2023	9/18/2023
		Sample ID	MW5D 092722	MW5D 122122	MW5D 032823	MW5D 061423	MW5D 091823
Class GA GW			ug/l	ug/l	ug/L	ug/L	ug/l
Chemical Name	Standards (ug/l)						
1,1,1-Trichloroethane	5		1.0 U	1.0 U	1.0 U	1U	1.0 U
1,1,2,2-Tetrachloroethane	5		1.0 U ++	1.0 U	1.0 U	1U	1.0 U
1,1,2-Trichloroethane	1		1.0 U	1.0 U	1.0 U	1U	1.0 U
1,1-Dichloroethane	5		0.48 J ++	1.0 U	1.0 U	1U	1.0 U
1,1-Dichloroethene	5		1.0 U	1.0 U	1.0 U	1U	1.0 U
1,2-Dichloroethane	0.6		1.0 U ++	1.0 U	1.0 U	1U	1.0 U
1,2-Dichloroethene (Total)	5		---	---	---	---	---
1,2-Dichloropropane	1		1.0 U ++	1.0 U	1.0 U	1U	1.0 U
2-Hexanone	50		5.0 U	5.0 U ++	5.0 U	5U	5.0 U
4-Methyl-2-pentanone	NS		5.0 U	5.0 U ++	1.0 U	5U	5.0 U
Acetone	50		10 U	10 U	10 U	10U	10 U
Benzene	1		1.0 U	1.0 U	1.0 U	1U	1.0 U
Bromodichloromethane	50		1.0 U ++	1.0 U	1.0 U	1U	1.0 U
Bromoform	50		1.0 U	1.0 U	1.0 U	1U	1.0 U
Bromomethane	5		1.0 U	1.0 U	1.0 U	1U	1.0 U
Carbon disulfide	60		1.0 U	1.0 U	1.0 U	1U	1.0 U
Carbon tetrachloride	5		1.0 U	1.0 U	1.0 U	1U	1.0 U
Chlorobenzene	5		1.0 U	1.0 U	1.0 U	1U	1.0 U
Chloroethane	5		1.0 U	1.0 U	1.0 U	1U	1.0 U
Chloroform	7		1.0 U	1.0 U	1.0 U	1U	1.0 U
cis-1,2-Dichloroethene	5		1.0 U	1.0 U	1.0 U	1U	1.0 U
cis-1,3-Dichloropropene	0.4		1.0 U ++	1.0 U	1.0 U	1U	1.0 U
Dibromochloromethane	50		1.0 U ++	1.0 U	1.0 U	1U	1.0 U
Ethylbenzene	5		1.0 U	1.0 U	1.0 U	1U	1.0 U
Methyl chloride	5		1.0 U	1.0 U	1.0 U	1U	1.0 U
Methyl ethyl ketone	50		10 U ++	10 U	10 U	10U	10 U
Methylene chloride	5		1.0 U ++	1.0 U	1.0 U	1U	1.0 U
Styrene	5		1.0 U ++	1.0 U	1.0 U	1U	1.0 U
Tetrachloroethene	5		1.0 U ++	1.0 U	1.0 U	1U	1.0 U
Toluene	5		1.0 U	1.0 U	1.0 U	1U	1.0 U
trans-1,2-Dichloroethene	5		1.0 U	1.0 U	1.0 U	1U	1.0 U
trans-1,3-Dichloropropene	0.4		1.0 U	1.0 U	1.0 U	1U	1.0 U
Trichloroethene	5		1.0 U	1.0 U	1.0 U	1U	1.0 U
Vinyl chloride	2		1.0 U	1.0 U	1.0 U	1U	1.0 U
Xylenes, Total	5		2.0 U	2.0 U	2.0 U	2U	2.0 U

NOTES:

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

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Data have not been validated

Table 3
2021-2023 Groundwater Data - VOCs
Forest Glen Superfund Site
Niagara Falls, New York

		Location ID	MW-05S	MW-05S	MW-05S	MW-05S
		Depth Interval	-	-	-	-
		Sample Date	12/22/2021	3/22/2022	6/22/2022	9/27/2022
		Sample ID	MW5S 122221	MW5S 032222	MW-5S 062222	MW5S 092722
Chemical Name	Class GA GW Standards (ug/l)		µg/L	µg/L	ug/l	ug/l
1,1,1-Trichloroethane	5		3.9	1.0 U	[6.8]	4.4
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		[24]	2.7	[32]	[40]
1,1-Dichloroethene	5		2.4	1.0 U	3.7	2.3
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		[24]	3.2	[110]	[33]
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	0.55 J	1.0 U
Toluene	5		1.0 U	1.0 U	1.0 U	1.0 U
trans-1,2-Dichloroethene	5		1.7	1.0 U	4.2	1.0 U
trans-1,3-Dichloropropene	0.4		1.0 U	1.0 U	1.0 U	1.0 U
Trichloroethene	5		[12]	1.0	[30]	[7.0]
Vinyl chloride	2		1.9	1.0 U	[4.9]	[7.7]
Xylenes, Total	5		2.0 U	2.0 U	2.0 U	2.0 U

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Data have not been validated

Table 3
2021-2023 Groundwater Data - VOCs
Forest Glen Superfund Site
Niagara Falls, New York

		Location ID	MW-05S	MW-05S	MW-05S	MW-05S
		Depth Interval	---	-	-	---
		Sample Date	12/21/2022	3/28/2023	6/14/2023	9/19/2023
		Sample ID	MW5S122122	MW5S 032823	MW5S 061423	MW5S 091923
Chemical Name	Class GA GW Standards (ug/l)		ug/l	ug/L	ug/L	ug/l
1,1,1-Trichloroethane	5		2.6	1.0 U	1U	[5.1]
1,1,2,2-Tetrachloroethane	5		1.0 U	1.0 U	1U	1.0 U
1,1,2-Trichloroethane	1		1.0 U	1.0 U	1U	1.0 U
1,1-Dichloroethane	5		[15]	1.0 U	[1.2]	[44]
1,1-Dichloroethene	5		1.3	1.0 U	1U	3.7
1,2-Dichloroethane	0.6		1.0 U F1	1.0 U	1U	1.0 U
1,2-Dichloroethene (Total)	5		---	---	---	---
1,2-Dichloropropane	1		1.0 U	1.0 U	1U	1.0 U
2-Hexanone	50		5.0 U * + F1	5.0 U	5U	5.0 U
4-Methyl-2-pentanone	NS		5.0 U * + F1	1.0 U	5U	5.0 U
Acetone	50		10 U F2	10 U	10U	10 U * +
Benzene	1		1.0 U	1.0 U	1U	1.0 U
Bromodichloromethane	50		1.0 U F1	1.0 U	1U	1.0 U
Bromoform	50		1.0 U F1	1.0 U	1U	1.0 U
Bromomethane	5		1.0 U	1.0 U	1U	1.0 U
Carbon disulfide	60		1.0 U	1.0 U	1U	1.0 U
Carbon tetrachloride	5		1.0 U	1.0 U	1U	1.0 U
Chlorobenzene	5		1.0 U	1.0 U	1U	1.0 U
Chloroethane	5		1.0 U	1.0 U	1U	1.0 U
Chloroform	7		1.0 U	1.0 U	1U	1.0 U
cis-1,2-Dichloroethene	5		[16]	1.0 U	[4.7]	[59]
cis-1,3-Dichloropropene	0.4		1.0 U	1.0 U	1U	1.0 U
Dibromochloromethane	50		1.0 U	1.0 U	1U	1.0 U
Ethylbenzene	5		1.0 U	1.0 U	1U	1.0 U
Methyl chloride	5		1.0 U F1	1.0 U	1U	1.0 U
Methyl ethyl ketone	50		10 U F1	10 U	10U	10 U
Methylene chloride	5		1.0 U	1.0 U	1U	1.0 U
Styrene	5		1.0 U	1.0 U	1U	1.0 U
Tetrachloroethene	5		1.0 U	1.0 U	1U	1.0 U
Toluene	5		1.0 U	1.0 U	1U	1.0 U
trans-1,2-Dichloroethene	5		1.0 U	1.0 U	1U	3.1
trans-1,3-Dichloropropene	0.4		1.0 U	1.0 U	1U	1.0 U
Trichloroethene	5		[8.2]	1.0 U	0.92 J	[8.6]
Vinyl chloride	2		1.0 U	1.0 U	1U	[4.7]
Xylenes, Total	5		2.0 U	2.0 U	2U	2.0 U

NOTES:

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Data have not been validated

Table 3
2021-2023 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
		Depth Interval	-	-	-	-
		Sample Date	12/21/2021	3/22/2022	6/22/2022	9/27/2022
		Sample ID	MW6DD 122121	MW6DD 032222	MW-6DD 062222	MW6DD 092722
			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		[16]	[11]	[22]	[32]
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		1.7	1.0 U	[6.3]	[10]
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 bias
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[] - Exceeds NYS Class GA Ground Water Quality Standard, '---' Not Analyzed
Data have not been validated, '---' Not Analyzed

Table 3
2021-2023 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	12/21/2022	3/28/2023	6/14/2023	9/19/2023	9/19/2023
		Sample ID	MW6DD122122	MW6DD 032823	MW6DD 061423	MW6DD 091923	DUP 091923
			ug/l	ug/L	ug/L	ug/l	ug/l
1,1,1-Trichloroethane	5		1.0 U	1.0 U	1U	1.0 U	1.0 U
1,1,2,2-Tetrachloroethane	5		1.0 U	1.0 U	1U	1.0 U	1.0 U
1,1,2-Trichloroethane	1		1.0 U	1.0 U	1U	1.0 U	1.0 U
1,1-Dichloroethane	5		1.0 U	1.0 U	1U	1.0 U	0.38 J
1,1-Dichloroethene	5		1.0 U	1.0 U	1U	1.0 U	1.0 U
1,2-Dichloroethane	0.6		1.0 U	1.0 U	1U	1.0 U	1.0 U
1,2-Dichloroethene (Total)	5		---	---	---	---	---
1,2-Dichloropropane	1		1.0 U	1.0 U	1U	1.0 U	1.0 U
2-Hexanone	50		5.0 U ++	5.0 U	5U	5.0 U	5.0 U
4-Methyl-2-pentanone	NS		5.0 U ++	1.0 U	5U	5.0 U	5.0 U
Acetone	50		10 U	10 U	10U	10 U ++	10 U ++
Benzene	1		1.0 U	1.0 U	1U	1.0 U	1.0 U
Bromodichloromethane	50		1.0 U	1.0 U	1U	1.0 U	1.0 U
Bromoform	50		1.0 U	1.0 U	1U	1.0 U	1.0 U
Bromomethane	5		1.0 U	1.0 U	1U	1.0 U	1.0 U
Carbon disulfide	60		1.0 U	1.0 U	1U	1.0 U	1.0 U
Carbon tetrachloride	5		1.0 U	1.0 U	1U	1.0 U	1.0 U
Chlorobenzene	5		1.0 U	1.0 U	1U	1.0 U	1.0 U
Chloroethane	5		1.0 U	1.0 U	1U	1.0 U	1.0 U
Chloroform	7		1.0 U	1.0 U	1U	1.0 U	1.0 U
cis-1,2-Dichloroethene	5		[15]	[13]	[19]	[18]	[18]
cis-1,3-Dichloropropene	0.4		1.0 U	1.0 U	1U	1.0 U	1.0 U
Dibromochloromethane	50		1.0 U	1.0 U	1U	1.0 U	1.0 U
Ethylbenzene	5		1.0 U	1.0 U	1U	1.0 U	1.0 U
Methyl chloride	5		1.0 U	1.0 U	1U	1.0 U	1.0 U
Methyl ethyl ketone	50		10 U	10 U	10U	10 U	10 U
Methylene chloride	5		1.0 U	1.0 U	1U	1.0 U	1.0 U
Styrene	5		1.0 U	1.0 U	1U	1.0 U	1.0 U
Tetrachloroethene	5		1.0 U	1.0 U	1U	1.0 U	1.0 U
Toluene	5		1.0 U	1.0 U	1U	1.0 U	1.0 U
trans-1,2-Dichloroethene	5		1.0 U	1.0 U	1U	1.0 U	1.0 U
trans-1,3-Dichloropropene	0.4		1.0 U	1.0 U	1U	1.0 U	1.0 U
Trichloroethene	5		1.0 U	1.0 U	1U	1.0 U	1.0 U
Vinyl chloride	2		[5.1]	1.3	[3.8]	[5.6]	[5.7]
Xylenes, Total	5		2.0 U	2.0 U	2U	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

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

Table 3
2021-2023 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	12/21/2021	3/22/2022	6/22/2022	9/27/2022
		Sample ID	MW6D 122121	MW6D 032222	MW-6D 062222	MW6D 092722
			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	0.39 J	0.50 J	0.47 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	1.0 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	1.4
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	1.1	1.2
Xylenes, Total	5		2.0 U	2.0 U	2.0 U	2.0 U

NOTES:

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Data have not been validated

Table 3
2021-2023 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	12/21/2022	3/28/2023	6/14/2023	9/18/2023
		Sample ID	MW6D122122	MW6D 032823	MW6D 061423	MW6D 091823
			ug/l	ug/L	ug/L	ug/l
1,1,1-Trichloroethane	5		1.0 U	1.0 U	1U	1.0 U
1,1,2,2-Tetrachloroethane	5		1.0 U	1.0 U	1U	1.0 U
1,1,2-Trichloroethane	1		1.0 U	1.0 U	1U	1.0 U
1,1-Dichloroethane	5		0.51 J	0.59 J	0.5 J	0.56 J
1,1-Dichloroethene	5		1.0 U	1.0 U	1U	1.0 U
1,2-Dichloroethane	0.6		1.0 U	1.0 U	1U	1.0 U
1,2-Dichloroethene (Total)	5		---	---	---	---
1,2-Dichloropropane	1		1.0 U	1.0 U	1U	1.0 U
2-Hexanone	50		5.0 U **	5.0 U	5U	5.0 U
4-Methyl-2-pentanone	NS		5.0 U **	1.0 U	5U	5.0 U
Acetone	50		10 U	10 U	10U	10 U
Benzene	1		1.0 U	1.0 U	1U	1.0 U
Bromodichloromethane	50		1.0 U	1.0 U	1U	1.0 U
Bromoform	50		1.0 U	1.0 U	1U	1.0 U
Bromomethane	5		1.0 U	1.0 U	1U	1.0 U
Carbon disulfide	60		1.0 U	1.0 U	1U	1.0 U
Carbon tetrachloride	5		1.0 U	1.0 U	1U	1.0 U
Chlorobenzene	5		1.0 U	1.0 U	1U	1.0 U
Chloroethane	5		1.0 U	1.0 U	1U	1.0 U
Chloroform	7		1.0 U	1.0 U	1U	1.0 U
cis-1,2-Dichloroethene	5		1.2	1.2	0.91 J	2.2
cis-1,3-Dichloropropene	0.4		1.0 U	1.0 U	1U	1.0 U
Dibromochloromethane	50		1.0 U	1.0 U	1U	1.0 U
Ethylbenzene	5		1.0 U	1.0 U	1U	1.0 U
Methyl chloride	5		1.0 U	1.0 U	1U	1.0 U
Methyl ethyl ketone	50		10 U	10 U	10U	10 U
Methylene chloride	5		1.0 U	1.0 U	1U	1.0 U
Styrene	5		1.0 U	1.0 U	1U	1.0 U
Tetrachloroethene	5		1.0 U	1.0 U	1U	1.0 U
Toluene	5		1.0 U	1.0 U	1U	1.0 U
trans-1,2-Dichloroethene	5		1.0 U	1.0 U	1U	1.0 U
trans-1,3-Dichloropropene	0.4		1.0 U	1.0 U	1U	1.0 U
Trichloroethene	5		1.0 U	1.0 U	1U	1.0 U
Vinyl chloride	2		[2.6]	1.8	1.1	[3.2]
Xylenes, Total	5		2.0 U	2.0 U	2U	2.0 U

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Table 3
2021-2023 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	9/21/2021	3/22/2022	6/22/2022	9/27/2022
		Sample ID	MW6S 092121	MW6S 032222	MW-6S 062222	MW6S 092722
			ug/l	ug/l	ug/l	ug/l
1,1,1-Trichloroethane	5		1 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 *
1,1,2-Trichloroethane	1		1 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 *
1,1-Dichloroethene	5		1 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 *
1,2-Dichloroethene (Total)	5		---	---	---	---
1,2-Dichloropropane	1		1 U	1.0 U	1.0 U	1.0 U *
2-Hexanone	50		5 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
Acetone	50		10 U	10 U	10 U	10 U
Benzene	1		1 U	1.0 U	1.0 U	1.0 U
Bromodichloromethane	50		1 U	1.0 U	1.0 U	1.0 U *
Bromoform	50		1 U	1.0 U	1.0 U	1.0 U
Bromomethane	5		1 U	1.0 U	1.0 U	1.0 U
Carbon disulfide	60		1 U	1.0 U	1.0 U	1.0 U
Carbon tetrachloride	5		1 U	1.0 U	1.0 U	1.0 U
Chlorobenzene	5		1 U	1.0 U	1.0 U	1.0 U
Chloroethane	5		1 U	1.0 U	1.0 U	1.0 U
Chloroform	7		1 U	1.0 U	1.0 U	1.0 U
cis-1,2-Dichloroethene	5		[11]	[33]	[8.2]	[14]
cis-1,3-Dichloropropene	0.4		1 U	1.0 U	1.0 U	1.0 U *
Dibromochloromethane	50		1 U	1.0 U	1.0 U	1.0 U *
Ethylbenzene	5		1 U	1.0 U	1.0 U	1.0 U
Methyl chloride	5		1 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 U	1.0 U	1.0 U	1.0 U *
Styrene	5		1 U	1.0 U	1.0 U	1.0 U *
Tetrachloroethene	5		1 U	1.0 U	1.0 U	1.0 U *
Toluene	5		1 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
trans-1,3-Dichloropropene	0.4		1 U	1.0 U	1.0 U	1.0 U
Trichloroethene	5		1 U	1.0 U	1.0 U	1.0 U
Vinyl chloride	2		[26]	[56]	1.0 U	[32]
Xylenes, Total	5		2 U	2.0 U	2.0 U	2.0 U

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Data have not been validated

Table 3
2021-2023 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-06S	MW-06S	MW-06S	MW-06S
			---	---	---	---
			12/21/2022	3/28/2023	6/14/2023	9/19/2023
			MW6S122122	MW6S 032823	MW6S 061423	MW6S 091923
			ug/l	ug/L	ug/L	ug/l
1,1,1-Trichloroethane	5		1.0 U	1.0 U	1U	1.0 U
1,1,2,2-Tetrachloroethane	5		1.0 U	1.0 U	1U	1.0 U
1,1,2-Trichloroethane	1		1.0 U	1.0 U	1U	1.0 U
1,1-Dichloroethane	5		1.0 U	0.58 J	1U	1.0 U
1,1-Dichloroethene	5		1.0 U	1.0 U	1U	1.0 U
1,2-Dichloroethane	0.6		1.0 U	1.0 U	1U	1.0 U
1,2-Dichloroethene (Total)	5		---	---	---	---
1,2-Dichloropropane	1		1.0 U	1.0 U	1U	1.0 U
2-Hexanone	50		5.0 U *+	5.0 U	5U	5.0 U
4-Methyl-2-pentanone	NS		5.0 U *+	1.0 U	5U	5.0 U
Acetone	50		10 U	10 U	10U	10 U *+
Benzene	1		1.0 U	1.0 U	1U	1.0 U
Bromodichloromethane	50		1.0 U	1.0 U	1U	1.0 U
Bromoform	50		1.0 U	1.0 U	1U	1.0 U
Bromomethane	5		1.0 U	1.0 U	1U	1.0 U
Carbon disulfide	60		1.0 U	1.0 U	1U	1.0 U
Carbon tetrachloride	5		1.0 U	1.0 U	1U	1.0 U
Chlorobenzene	5		1.0 U	1.0 U	1U	1.0 U
Chloroethane	5		1.0 U	1.0 U	1U	1.0 U
Chloroform	7		1.0 U	1.0 U	1U	1.0 U
cis-1,2-Dichloroethene	5		[6.3]	[17]	3.9	4.3
cis-1,3-Dichloropropene	0.4		1.0 U	1.0 U	1U	1.0 U
Dibromochloromethane	50		1.0 U	1.0 U	1U	1.0 U
Ethylbenzene	5		1.0 U	1.0 U	1U	1.0 U
Methyl chloride	5		1.0 U	1.0 U	1U	1.0 U
Methyl ethyl ketone	50		10 U	10 U	10U	10 U
Methylene chloride	5		1.0 U	1.0 U	1U	1.0 U
Styrene	5		1.0 U	1.0 U	1U	1.0 U
Tetrachloroethene	5		1.0 U	1.0 U	1U	1.0 U
Toluene	5		1.0 U	1.0 U	1U	1.0 U
trans-1,2-Dichloroethene	5		1.0 U	1.0 U	1U	1.0 U
trans-1,3-Dichloropropene	0.4		1.0 U	1.0 U	1U	1.0 U
Trichloroethene	5		1.0 U	1.0 U	[4.8]	1.0 U
Vinyl chloride	2		[11]	[22]	1U	1.9
Xylenes, Total	5		2.0 U	2.0 U	2U	2.0 U

NOTES:

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

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Data have not been validated

Table 3
2021-2023 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 / 21 / 2021	3 / 23 / 2022	6 / 23 / 2022	9 / 28 / 2022
		Sample ID	MW7DD 122121	MW7DD 032322	MW-7DD-2 062322	MW7DD 092822
Class GA GW			µg / L	µg / L	ug / l	ug / l
Chemical Name	Standards (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	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		0.55 J	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, high bias

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Data have not been validated

Table 3
2021-2023 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	12/22/2022	3/29/2023	6/15/2023	9/19/2023
		Sample ID	MW7DD122222	MW7DD 032923	MW7DD 061523	MW7DD 091923
Chemical Name	Class GA GW Standards (ug/l)		ug/l	ug/L	ug/L	ug/l
1,1,1-Trichloroethane	5		1.0 U	1.0 U	1U	1.0 U
1,1,2,2-Tetrachloroethane	5		1.0 U	1.0 U	1U	1.0 U
1,1,2-Trichloroethane	1		1.0 U	1.0 U	1U	1.0 U
1,1-Dichloroethane	5		1.0 U	1.0 U	1U	1.0 U
1,1-Dichloroethene	5		1.0 U	1.0 U	1U	1.0 U
1,2-Dichloroethane	0.6		1.0 U	1.0 U	1U	1.0 U
1,2-Dichloroethene (Total)	5		---	---	---	---
1,2-Dichloropropane	1		1.0 U	1.0 U	1U	1.0 U
2-Hexanone	50		5.0 U **	5.0 U	5U	5.0 U
4-Methyl-2-pentanone	NS		5.0 U **	1.0 U	5U	5.0 U
Acetone	50		10 U	10 U	10U	10 U **
Benzene	1		1.0 U	1.0 U	1U	1.0 U
Bromodichloromethane	50		1.0 U	1.0 U	1U	1.0 U
Bromoform	50		1.0 U	1.0 U	1U	1.0 U
Bromomethane	5		1.0 U	1.0 U	1U	1.0 U
Carbon disulfide	60		1.0 U	1.0 U	1U	1.0 U
Carbon tetrachloride	5		1.0 U	1.0 U	1U	1.0 U
Chlorobenzene	5		1.0 U	1.0 U	1U	1.0 U
Chloroethane	5		1.0 U	1.0 U	1U	1.0 U
Chloroform	7		1.0 U	1.0 U	1U	1.0 U
cis-1,2-Dichloroethene	5		1.0 U	1.0 U	1U	1.0 U
cis-1,3-Dichloropropene	0.4		1.0 U	1.0 U	1U	1.0 U
Dibromochloromethane	50		1.0 U	1.0 U	1U	1.0 U
Ethylbenzene	5		1.0 U	1.0 U	1U	1.0 U
Methyl chloride	5		1.0 U	1.0 U	1U	1.0 U
Methyl ethyl ketone	50		10 U	10 U	10U	10 U
Methylene chloride	5		1.0 U	1.0 U	1U	1.0 U
Styrene	5		1.0 U	1.0 U	1U	1.0 U
Tetrachloroethene	5		1.0 U	1.0 U	1U	1.0 U
Toluene	5		1.0 U	1.0 U	1U	1.0 U
trans-1,2-Dichloroethene	5		1.0 U	1.0 U	1U	1.0 U
trans-1,3-Dichloropropene	0.4		1.0 U	1.0 U	1U	1.0 U
Trichloroethene	5		1.0 U	1.0 U	1U	1.0 U
Vinyl chloride	2		1.0 U	1.0 U	1U	1.0 U
Xylenes, Total	5		2.0 U	2.0 U	2U	2.0 U

NOTES:

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Data have not been validated

Table 3
2021-2023 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	12/21/2021	3/23/2022	6/23/2022	9/28/2022
		Sample ID	MW7D 122121	MW7D 032322	MW-7D 062322	MW7D 092822
Class GA GW			ug/l	ug/l	ug/l	ug/l
Chemical Name	Standards (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	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		0.41 J	1.0 U	1.0 U	0.37 J **
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		1.1	0.97 J	0.98 J	0.97 J
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:

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

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Data have not been validated

Table 3
2021-2023 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	12/22/2022	3/29/2023	6/15/2023	9/20/2023
		Sample ID	MW7D122222	MW7D 032923	MW7D 061523	MW7D 092023
Chemical Name	Class GA GW Standards (ug/l)		ug/l	ug/L	ug/L	ug/l
1,1,1-Trichloroethane	5		1.0 U	1.0 U	1U	1.0 U
1,1,2,2-Tetrachloroethane	5		1.0 U	1.0 U	1U	1.0 U
1,1,2-Trichloroethane	1		1.0 U	1.0 U	1U	1.0 U
1,1-Dichloroethane	5		1.0 U	1.0 U	1U	1.0 U
1,1-Dichloroethene	5		1.0 U	1.0 U	1U	1.0 U
1,2-Dichloroethane	0.6		1.0 U	1.0 U	1U	1.0 U
1,2-Dichloroethene (Total)	5		---	---	---	---
1,2-Dichloropropane	1		1.0 U	1.0 U	1U	1.0 U
2-Hexanone	50		5.0 U *+	5.0 U	5U	5.0 U
4-Methyl-2-pentanone	NS		5.0 U *+	1.0 U	5U	5.0 U
Acetone	50		10 U	10 U	10U	10 U
Benzene	1		1.0 U	1.0 U	1U	1.0 U
Bromodichloromethane	50		1.0 U	1.0 U	1U	1.0 U
Bromoform	50		1.0 U	1.0 U	1U	1.0 U
Bromomethane	5		1.0 U	1.0 U	1U	1.0 U
Carbon disulfide	60		1.0 U	1.0 U	1U	1.0 U
Carbon tetrachloride	5		1.0 U	1.0 U	1U	1.0 U
Chlorobenzene	5		1.0 U	1.0 U	1U	1.0 U
Chloroethane	5		1.0 U	1.0 U	1U	1.0 U
Chloroform	7		1.0 U	1.0 U	1U	1.0 U
cis-1,2-Dichloroethene	5		1.0 U	1.0 U	1U	1.0 U
cis-1,3-Dichloropropene	0.4		1.0 U	1.0 U	1U	1.0 U
Dibromochloromethane	50		1.0 U	1.0 U	1U	1.0 U
Ethylbenzene	5		1.0 U	1.0 U	1U	1.0 U
Methyl chloride	5		1.0 U	1.0 U	1U	1.0 U
Methyl ethyl ketone	50		10 U	10 U	10U	10 U
Methylene chloride	5		1.0 U	1.0 U	1U	1.0 U
Styrene	5		1.0 U	1.0 U	1U	1.0 U
Tetrachloroethene	5		1.0 U	1.0 U	1U	1.0 U
Toluene	5		1.0 U	1.0 U	1U	1.0 U
trans-1,2-Dichloroethene	5		1.0 U	1.0 U	1U	1.0 U
trans-1,3-Dichloropropene	0.4		1.0 U	1.0 U	1U	1.0 U
Trichloroethene	5		0.87 J	1.0 U	1U	0.90 J
Vinyl chloride	2		1.0 U	1.0 U	1U	1.0 U
Xylenes, Total	5		2.0 U	2.0 U	2U	2.0 U

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Table 3
2021-2023 Groundwater Data - VOCs
Forest Glen Superfund Site
Niagara Falls, New York

		Location ID	MW-07S	MW-07S	MW-07S	MW-07S
		Depth Interval	-	-	-	-
		Sample Date	12/21/2021	3/23/2022	6/23/2022	9/28/2022
		Sample ID	MW7S 122121	MW7S 032322	MW-7S 062322	MW7S 092822
Chemical Name	Class GA GW Standards (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
1,1,2,2-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	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		0.44 J	1.0 U	1.0 U	0.60 J *
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		1.3	0.93 J	0.75 J	1.4
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

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Data have not been validated

Table 3
2021-2023 Groundwater Data - VOCs
Forest Glen Superfund Site
Niagara Falls, New York

		Location ID	MW-07S	MW-07S	MW-07S	MW-07S
		Depth Interval	-	-	-	-
		Sample Date	12/22/2022	3/29/2023	6/15/2023	9/20/2023
		Sample ID	MW7S122222	MW7S 032923	MW7S 061523	MW7S 092023
Chemical Name	Class GA GW Standards (ug/l)		ug/l	ug/L	ug/L	ug/l
1,1,1-Trichloroethane	5		1.0 U	1.0 U	1U	2.0 U
1,1,2,2-Tetrachloroethane	5		1.0 U	1.0 U	1U	2.0 U
1,1,2-Trichloroethane	1		1.0 U	1.0 U	1U	2.0 U
1,1-Dichloroethane	5		1.0 U	1.0 U	1U	2.0 U
1,1-Dichloroethene	5		1.0 U	1.0 U	1U	2.0 U
1,2-Dichloroethane	0.6		1.0 U	1.0 U	1U	2.0 U
1,2-Dichloroethene (Total)	5		---	---	---	---
1,2-Dichloropropane	1		1.0 U	1.0 U	1U	2.0 U
2-Hexanone	50		5.0 U * +	5.0 U	5U	10 U
4-Methyl-2-pentanone	NS		5.0 U * +	1.0 U	5U	10 U
Acetone	50		10 U	10 U	10U	20 U
Benzene	1		1.0 U	1.0 U	1U	2.0 U
Bromodichloromethane	50		1.0 U	1.0 U	1U	2.0 U
Bromoform	50		1.0 U	1.0 U	1U	2.0 U
Bromomethane	5		1.0 U	1.0 U	1U	2.0 U
Carbon disulfide	60		1.0 U	1.0 U	1U	2.0 U
Carbon tetrachloride	5		1.0 U	1.0 U	1U	2.0 U
Chlorobenzene	5		1.0 U	1.0 U	1U	2.0 U
Chloroethane	5		1.0 U	1.0 U	1U	2.0 U
Chloroform	7		1.0 U	1.0 U	1U	2.0 U
cis-1,2-Dichloroethene	5		1.0 U	1.0 U	1U	2.0 U
cis-1,3-Dichloropropene	0.4		1.0 U	1.0 U	1U	2.0 U
Dibromochloromethane	50		1.0 U	1.0 U	1U	2.0 U
Ethylbenzene	5		1.0 U	1.0 U	1U	2.0 U
Methyl chloride	5		1.0 U	1.0 U	1U	2.0 U
Methyl ethyl ketone	50		10 U	10 U	10U	20 U
Methylene chloride	5		1.0 U	1.0 U	1U	1.2 J
Styrene	5		1.0 U	1.0 U	1U	2.0 U
Tetrachloroethene	5		1.0 U	1.0 U	1U	2.0 U
Toluene	5		1.0 U	1.0 U	1U	2.0 U
trans-1,2-Dichloroethene	5		1.0 U	1.0 U	1U	2.0 U
trans-1,3-Dichloropropene	0.4		1.0 U	1.0 U	1U	2.0 U
Trichloroethene	5		1.0	0.60 J	1U	2.0 U
Vinyl chloride	2		1.0 U	1.0 U	1U	2.0 U
Xylenes, Total	5		2.0 U	2.0 U	2U	4.0 U

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Data have not been validated

Table 3
2021-2023 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	12/21/2021	3/23/2022	6/23/2022	9/28/2022
		Sample ID	MW8DD 122121	MW8DD 032322	MW-8DD 062322	MW8DD 092822
			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 F1
1,1,2,2-Tetrachloroethane	5		1.0 U	1.0 U	1.0 U	1.0 U *+ F1
1,1,2-Trichloroethane	1		1.0 U	1.0 U	1.0 U	1.0 U F1
1,1-Dichloroethane	5		1.0 U	1.0 U	1.0 U	1.0 U *+ F1
1,1-Dichloroethene	5		1.0 U	1.0 U	1.0 U	1.0 U F1
1,2-Dichloroethane	0.6		1.0 U	1.0 U	1.0 U	1.0 U *+ F1
1,2-Dichloroethene (Total)	5		---	---	---	---
1,2-Dichloropropane	1		1.0 U	1.0 U	1.0 U	1.0 U *+ F1
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 F1
Benzene	1		1.0 U	1.0 U	1.0 U	1.0 U F1
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 F1 F2
Carbon disulfide	60		1.0 U	1.0 U	1.0 U	1.0 U F1
Carbon tetrachloride	5		1.0 U	1.0 U	1.0 U	1.0 U F1
Chlorobenzene	5		1.0 U	1.0 U	1.0 U	1.0 U F1
Chloroethane	5		1.0 U	1.0 U *1	1.0 U	1.0 U F1
Chloroform	7		1.0 U	1.0 U	1.0 U	1.0 U F1
cis-1,2-Dichloroethene	5		1.0 U	1.0 U	1.0 U	1.0 U F1
cis-1,3-Dichloropropene	0.4		1.0 U	1.0 U	1.0 U	1.0 U *+ F1
Dibromochloromethane	50		1.0 U	1.0 U	1.0 U	1.0 U *+ F1
Ethylbenzene	5		1.0 U	1.0 U	1.0 U	1.0 U F1
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 *+ F1
Styrene	5		1.0 U	1.0 U	1.0 U	1.0 U *+ F1
Tetrachloroethene	5		1.0 U	1.0 U	1.0 U	1.0 U *+ F1
Toluene	5		1.0 U	1.0 U	1.0 U	1.0 U F1
trans-1,2-Dichloroethene	5		1.0 U	1.0 U	1.0 U	1.0 U F1
trans-1,3-Dichloropropene	0.4		1.0 U	1.0 U	1.0 U	1.0 U F1
Trichloroethene	5		1.0 U	1.0 U	1.0 U	1.0 U F1
Vinyl chloride	2		1.0 U	1.0 U	1.0 U	0.90 J F1
Xylenes, Total	5		2.0 U	2.0 U	2.0 U	2.0 U F1

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 bias

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

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

Data have not been validated

Table 3
2021-2023 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	12/22/2022	3/30/2023	6/15/2023	9/20/2023
		Sample ID	MW8DD122222	MW8DD-033023	MW8DD-061523	MW8DD 092023
			ug/l	ug/L	ug/L	ug/l
1,1,1-Trichloroethane	5		1.0 U	1.0 U	1U	1.0 U
1,1,2,2-Tetrachloroethane	5		1.0 U	1.0 U	1U	1.0 U
1,1,2-Trichloroethane	1		1.0 U	1.0 U	1U	1.0 U
1,1-Dichloroethane	5		1.0 U	1.0 U	1U	1.0 U
1,1-Dichloroethene	5		1.0 U	1.0 U	1U	1.0 U
1,2-Dichloroethane	0.6		1.0 U	1.0 U	1U	1.0 U
1,2-Dichloroethene (Total)	5		---	---	---	---
1,2-Dichloropropane	1		1.0 U	1.0 U	1U	1.0 U
2-Hexanone	50		5.0 U *+	5.0 U	5U	5.0 U
4-Methyl-2-pentanone	NS		5.0 U *+	1.0 U	5U	5.0 U
Acetone	50		10 U	10 U	10U	10 U
Benzene	1		1.0 U	1.0 U	1U	1.0 U
Bromodichloromethane	50		1.0 U	1.0 U	1U	1.0 U
Bromoform	50		1.0 U	1.0 U	1U	1.0 U
Bromomethane	5		1.0 U	1.0 U	1U	1.0 U
Carbon disulfide	60		1.0 U	1.0 U	1U	1.0 U
Carbon tetrachloride	5		1.0 U	1.0 U	1U	1.0 U
Chlorobenzene	5		1.0 U	1.0 U	1U	1.0 U
Chloroethane	5		1.0 U	1.0 U	1U	1.0 U
Chloroform	7		1.0 U	1.0 U	1U	1.0 U
cis-1,2-Dichloroethene	5		1.0 U	1.0 U	1U	1.0 U
cis-1,3-Dichloropropene	0.4		1.0 U	1.0 U	1U	1.0 U
Dibromochloromethane	50		1.0 U	1.0 U	1U	1.0 U
Ethylbenzene	5		1.0 U	1.0 U	1U	1.0 U
Methyl chloride	5		1.0 U	1.0 U	1U	1.0 U
Methyl ethyl ketone	50		10 U	10 U	10U	10 U
Methylene chloride	5		1.0 U	1.0 U	1U	1.0 U
Styrene	5		1.0 U	1.0 U	1U	1.0 U
Tetrachloroethene	5		1.0 U	1.0 U	1U	1.0 U
Toluene	5		1.0 U	1.0 U	1U	1.0 U
trans-1,2-Dichloroethene	5		1.0 U	1.0 U	1U	1.0 U
trans-1,3-Dichloropropene	0.4		1.0 U	1.0 U *+	1U	1.0 U
Trichloroethene	5		1.0 U	1.0 U	1U	1.0 U
Vinyl chloride	2		1.0 U	1.0 U	1U	1.0 U
Xylenes, Total	5		2.0 U	2.0 U	2U	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 bias
^ - instrument QC exceeds control limits, F1/F2 - MS and/or MSD recovery/RPD exceeds the control limits
[] - Exceeds NYS Class GA Ground Water Quality Standard, '---' Not Analyzed
Data have not been validated

Table 3
2021-2023 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
		Depth Interval	-	-	-	-
		Sample Date	12/21/2021	3/23/2022	3/23/2022	6/23/2022
		Sample ID	MW8D 122121	MW8D 032322	X-1 032322	MW-8D 062322
			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	1.0 U *1	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	1.4
Xylenes, Total	5		2.0 U	2.0 U	2.0 U	2.0 U

NOTES:

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Data have not been validated

Table 3
2021-2023 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
		Depth Interval	-	-	-	-	-
		Sample Date	9/28/2022	12/22/2022	3/30/2023	6/15/2023	9/19/2023
		Sample ID	MW8D 092822	MW8D122222	MW8D-033023	MW8D-061523	MW8D 091923
			ug/l	ug/l	ug/L	ug/L	ug/l
1,1,1-Trichloroethane	5		1.0 U	1.0 U	1.0 U	1U	1.0 U
1,1,2,2-Tetrachloroethane	5		1.0 U *+	1.0 U	1.0 U	1U	1.0 U
1,1,2-Trichloroethane	1		1.0 U	1.0 U	1.0 U	1U	1.0 U
1,1-Dichloroethane	5		0.71 J *+	0.43 J	1.0 U	1U	0.61 J
1,1-Dichloroethene	5		1.0 U	1.0 U	1.0 U	1U	1.0 U
1,2-Dichloroethane	0.6		1.0 U *+	1.0 U	1.0 U	1U	1.0 U
1,2-Dichloroethene (Total)	5		---	---	---	---	---
1,2-Dichloropropane	1		1.0 U *+	1.0 U	1.0 U	1U	1.0 U
2-Hexanone	50		5.0 U	5.0 U *+	5.0 U	5U	5.0 U
4-Methyl-2-pentanone	NS		5.0 U	5.0 U *+	1.0 U	5U	5.0 U
Acetone	50		10 U	10 U	10 U	10U	10 U *+
Benzene	1		1.0 U	1.0 U	1.0 U	1U	1.0 U
Bromodichloromethane	50		1.0 U *+	1.0 U	1.0 U	1U	1.0 U
Bromoform	50		1.0 U	1.0 U	1.0 U	1U	1.0 U
Bromomethane	5		1.0 U	1.0 U	1.0 U	1U	1.0 U
Carbon disulfide	60		1.0 U	1.0 U	1.0 U	1U	1.0 U
Carbon tetrachloride	5		1.0 U	1.0 U	1.0 U	1U	1.0 U
Chlorobenzene	5		1.0 U	1.0 U	1.0 U	1U	1.0 U
Chloroethane	5		1.0 U	1.0 U	1.0 U	1U	1.0 U
Chloroform	7		1.0 U	1.0 U	1.0 U	1U	1.0 U
cis-1,2-Dichloroethene	5		1.0 U	1.0 U	1.0 U	1U	1.0 U
cis-1,3-Dichloropropene	0.4		1.0 U *+	1.0 U	1.0 U	1U	1.0 U
Dibromochloromethane	50		1.0 U *+	1.0 U	1.0 U	1U	1.0 U
Ethylbenzene	5		1.0 U	1.0 U	1.0 U	1U	1.0 U
Methyl chloride	5		1.0 U	1.0 U	1.0 U	1U	1.0 U
Methyl ethyl ketone	50		10 U *+	10 U	10 U	10U	10 U
Methylene chloride	5		1.0 U *+	1.0 U	1.0 U	1U	1.0 U
Styrene	5		1.0 U *+	1.0 U	1.0 U	1U	1.0 U
Tetrachloroethene	5		1.0 U *+	1.0 U	1.0 U	1U	1.0 U
Toluene	5		1.0 U	1.0 U	1.0 U	1U	1.0 U
trans-1,2-Dichloroethene	5		1.0 U	1.0 U	1.0 U	1U	1.0 U
trans-1,3-Dichloropropene	0.4		1.0 U	1.0 U	1.0 U *+	1U	1.0 U
Trichloroethene	5		1.0 U	1.0 U	1.0 U	1U	1.0 U
Vinyl chloride	2		1.0 U	1.0 U	1.0 U	1U	1.0 U
Xylenes, Total	5		2.0 U	2.0 U	2.0 U	2U	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

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Data have not been validated

Table 3
2021-2023 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
		Depth Interval	-	-	-	-
		Sample Date	12/21/2021	3/23/2022	6/23/2022	9/28/2022
		Sample ID	MW8S 122121	MW8S 032322	MW-8S 062322	MW8S 092822
			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	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		2.1	1.8	2.2	2.9
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		0.48 J	0.55 J	0.46 J	0.61 J **
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		2.7	2.2	2.4	3.1
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, high bias

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

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

Data have not been validated

Table 3
2021-2023 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	9/28/2022	12/22/2022	3/29/2023	6/15/2023	9/19/2023
		Sample ID	X-1 092822	MW8S122222	MW8S 032923	MW8S 061523	MW8S 091923
			ug/l	ug/l	ug/L	ug/L	ug/l
1,1,1-Trichloroethane	5		1.0 U	1.0 U	1.0 U	1U	1.0 U
1,1,2,2-Tetrachloroethane	5		1.0 U *+	1.0 U	1.0 U	1U	1.0 U
1,1,2-Trichloroethane	1		1.0 U	1.0 U	1.0 U	1U	1.0 U
1,1-Dichloroethane	5		1.0 U *+	1.0 U	1.0 U	1U	1.0 U
1,1-Dichloroethene	5		1.0 U	1.0 U	1.0 U	1U	1.0 U
1,2-Dichloroethane	0.6		1.0 U *+	1.0 U	1.0 U	1U	1.0 U
1,2-Dichloroethene (Total)	5		---	---	---	---	---
1,2-Dichloropropane	1		1.0 U *+	1.0 U	1.0 U	1U	1.0 U
2-Hexanone	50		5.0 U	5.0 U *+	5.0 U	5U	5.0 U
4-Methyl-2-pentanone	NS		5.0 U	5.0 U *+	1.0 U	5U	5.0 U
Acetone	50		10 U	10 U	10 U	10U	10 U *+
Benzene	1		1.0 U	1.0 U	1.0 U	1U	1.0 U
Bromodichloromethane	50		1.0 U *+	1.0 U	1.0 U	1U	1.0 U
Bromoform	50		1.0 U	1.0 U	1.0 U	1U	1.0 U
Bromomethane	5		1.0 U	1.0 U	1.0 U	1U	1.0 U
Carbon disulfide	60		1.0 U	1.0 U	1.0 U	1U	1.0 U
Carbon tetrachloride	5		1.0 U	1.0 U	1.0 U	1U	1.0 U
Chlorobenzene	5		1.0 U	1.0 U	1.0 U	1U	1.0 U
Chloroethane	5		1.0 U	1.0 U	1.0 U	1U	1.0 U
Chloroform	7		1.0 U	1.0 U	1.0 U	1U	1.0 U
cis-1,2-Dichloroethene	5		3.4	1.8	1.7	1.5	1.9
cis-1,3-Dichloropropene	0.4		1.0 U *+	1.0 U	1.0 U	1U	1.0 U
Dibromochloromethane	50		1.0 U *+	1.0 U	1.0 U	1U	1.0 U
Ethylbenzene	5		1.0 U	1.0 U	1.0 U	1U	1.0 U
Methyl chloride	5		1.0 U	1.0 U	1.0 U	1U	1.0 U
Methyl ethyl ketone	50		10 U *+	10 U	10 U	10U	10 U
Methylene chloride	5		1.0 U *+	1.0 U	1.0 U	1U	1.0 U
Styrene	5		1.0 U *+	1.0 U	1.0 U	1U	1.0 U
Tetrachloroethene	5		0.77 J *+	0.41 J	0.38 J	1U	0.38 J
Toluene	5		1.0 U	1.0 U	1.0 U	1U	1.0 U
trans-1,2-Dichloroethene	5		1.0 U	1.0 U	1.0 U	1U	1.0 U
trans-1,3-Dichloropropene	0.4		1.0 U	1.0 U	1.0 U	1U	1.0 U
Trichloroethene	5		3.5	2.1	1.9	0.7 J	2.1
Vinyl chloride	2		1.0 U	1.0 U	1.0 U	1U	1.0 U
Xylenes, Total	5		2.0 U	2.0 U	2.0 U	2U	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

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Data have not been validated

Table 3
2021-2023 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
		Depth Interval	-	-	-	-
		Sample Date	12/22/2021	3/24/2022	6/22/2022	9/29/2022
		Sample ID	MW10D 122221	MW10D 032422	MW-10D 062222	MW10D 092922
			µg/L	µg/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	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 F1	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, high bias

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

[] - Exceeds NYS Class GA Ground Water Quality Standard, *--- Not Analyzed

Data have not been validated

Table 3
2021-2023 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	MW-10D	MW-10D	MW-10D
			-	-	-	---
			12/21/2022	3/29/2023	6/14/2023	9/19/2023
			MW10D122122	MW10D 032923	MW10D 061423	MW10D 091923
			ug/l	ug/L	ug/L	ug/l
1,1,1-Trichloroethane	5		1.0 U	1.0 U	1U	1.0 U
1,1,2,2-Tetrachloroethane	5		1.0 U	1.0 U	1U	1.0 U
1,1,2-Trichloroethane	1		1.0 U	1.0 U	1U	1.0 U
1,1-Dichloroethane	5		1.0 U	1.0 U	1U	1.0 U
1,1-Dichloroethene	5		1.0 U	1.0 U	1U	1.0 U
1,2-Dichloroethane	0.6		1.0 U	1.0 U	1U	1.0 U
1,2-Dichloroethene (Total)	5		---	---	---	---
1,2-Dichloropropane	1		1.0 U	1.0 U	1U	1.0 U
2-Hexanone	50		5.0 U **	5.0 U	5U	5.0 U
4-Methyl-2-pentanone	NS		5.0 U **	1.0 U	5U	5.0 U
Acetone	50		10 U	10 U	10U	10 U **
Benzene	1		1.0 U	1.0 U	1U	1.0 U
Bromodichloromethane	50		1.0 U	1.0 U	1U	1.0 U
Bromoform	50		1.0 U	1.0 U	1U	1.0 U
Bromomethane	5		1.0 U	1.0 U	1U	1.0 U
Carbon disulfide	60		1.0 U	1.0 U	1U	1.0 U
Carbon tetrachloride	5		1.0 U	1.0 U	1U	1.0 U
Chlorobenzene	5		1.0 U	1.0 U	1U	1.0 U
Chloroethane	5		1.0 U	1.0 U	1U	1.0 U
Chloroform	7		1.0 U	1.0 U	1U	1.0 U
cis-1,2-Dichloroethene	5		1.0 U	1.0 U	1U	1.0 U
cis-1,3-Dichloropropene	0.4		1.0 U	1.0 U	1U	1.0 U
Dibromochloromethane	50		1.0 U	1.0 U	1U	1.0 U
Ethylbenzene	5		1.0 U	1.0 U	1U	1.0 U
Methyl chloride	5		1.0 U	1.0 U F1	1U	1.0 U
Methyl ethyl ketone	50		10 U	10 U	10U	10 U
Methylene chloride	5		1.0 U	1.0 U	1U	1.0 U
Styrene	5		1.0 U	1.0 U	1U	1.0 U
Tetrachloroethene	5		1.0 U	1.0 U	1U	1.0 U
Toluene	5		1.0 U	1.0 U	1U	1.0 U
trans-1,2-Dichloroethene	5		1.0 U	1.0 U	1U	1.0 U
trans-1,3-Dichloropropene	0.4		1.0 U	1.0 U	1U	1.0 U
Trichloroethene	5		1.0 U	1.0 U	1U	1.0 U
Vinyl chloride	2		1.0 U	1.0 U	1U	1.0 U
Xylenes, Total	5		2.0 U	2.0 U	2U	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 bias

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

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

Data have not been validated

Table 3
2021-2023 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
		Depth Interval	-	-	-	-	-
		Sample Date	12/22/2021	12/22/2021	3/24/2022	6/22/2022	9/29/2022
		Sample ID	MW10S 122221	X-1 122221	MW10S 032422	MW-10S 062222	MW10S 092922
			µg/L	µg/L	µg/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-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	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		[9.1]	[8.2]	1.3	[32]	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		1.4	1.1	1.0 U	[4.7]	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, *1 - LCS or LCSD exceeds control limits, '--- Not A
^ - instrument QC exceeds control limits, F - MS and/or MSD recovery/RPD exceeds the control limits
[] - Exceeds NYS Class GA Ground Water Quality Standard
Data have not been validated

Table 3
2021-2023 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	MW-10S	MW-10S	MW-10S	MW-10S
			---	---	-	-	-
			12/21/2022	12/22/2022	3/29/2023	6/14/2023	9/19/2023
			MW10S122122	X-1122122	MW10S 032923	MW10S 061423	MW10S 091923
			ug/l	ug/l	ug/L	ug/L	ug/l
1,1,1-Trichloroethane	5		1.0 U	1.0 U	1.0 U	1U	1.0 U
1,1,1,2-Tetrachloroethane	5		1.0 U	1.0 U	1.0 U	1U	1.0 U
1,1,2-Trichloroethane	1		1.0 U	1.0 U	1.0 U	1U	1.0 U
1,1-Dichloroethane	5		1.0 U	1.0 U	1.0 U	1U	1.0 U
1,1-Dichloroethene	5		1.0 U	1.0 U	1.0 U	1U	1.0 U
1,2-Dichloroethane	0.6		1.0 U	1.0 U	1.0 U	1U	1.0 U
1,2-Dichloroethene (Total)	5		---	---	---	---	---
1,2-Dichloropropane	1		1.0 U	1.0 U	1.0 U	1U	1.0 U
2-Hexanone	50		5.0 U * +	5.0 U * +	5.0 U	5U	5.0 U
4-Methyl-2-pentanone	NS		5.0 U * +	5.0 U * +	1.0 U	5U	5.0 U
Acetone	50		10 U	10 U	10 U	10U	10 U * +
Benzene	1		1.0 U	1.0 U	1.0 U	1U	1.0 U
Bromodichloromethane	50		1.0 U	1.0 U	1.0 U	1U	1.0 U
Bromoform	50		1.0 U	1.0 U	1.0 U	1U	1.0 U
Bromomethane	5		1.0 U	1.0 U	1.0 U	1U	1.0 U
Carbon disulfide	60		1.0 U	1.0 U	1.0 U	1U	1.0 U
Carbon tetrachloride	5		1.0 U	1.0 U	1.0 U	1U	1.0 U
Chlorobenzene	5		1.0 U	1.0 U	1.0 U	1U	1.0 U
Chloroethane	5		1.0 U	1.0 U	1.0 U	1U	1.0 U
Chloroform	7		1.0 U	1.0 U	1.0 U	1U	1.0 U
cis-1,2-Dichloroethene	5		1.0 U	1.0 U	1.0 U	[5.5]	[51]
cis-1,3-Dichloropropene	0.4		1.0 U	1.0 U	1.0 U	1U	1.0 U
Dibromochloromethane	50		1.0 U	1.0 U	1.0 U	1U	1.0 U
Ethylbenzene	5		1.0 U	1.0 U	1.0 U	1U	1.0 U
Methyl chloride	5		1.0 U	1.0 U	1.0 U	1U	1.0 U
Methyl ethyl ketone	50		10 U	10 U	10 U	10U	10 U
Methylene chloride	5		1.0 U	1.0 U	1.0 U	1U	1.0 U
Styrene	5		1.0 U	1.0 U	1.0 U	1U	1.0 U
Tetrachloroethene	5		1.0 U	1.0 U	1.0 U	1U	1.0 U
Toluene	5		1.0 U	1.0 U	1.0 U	1U	1.0 U
trans-1,2-Dichloroethene	5		1.0 U	1.0 U	1.0 U	1U	1.0 U
trans-1,3-Dichloropropene	0.4		1.0 U	1.0 U	1.0 U	1U	1.0 U
Trichloroethene	5		1.0 U	1.0 U	1.0 U	1U	1.0 U
Vinyl chloride	2		1.0 U	1.0 U	1.0 U	1	[10]
Xylenes, Total	5		2.0 U	2.0 U	2.0 U	2U	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, *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 Quality Standard

Data have not been validated



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

Chemical Name	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
	Class GA	Sample ID	MW-01D_WG_091195	MW-01D_WG_111395	MW-01D_WG_072297	MW-01D_WG_091597	MW-01D_WG_021400
GW Stds		ug/l	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 Quality 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	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
	Class GA	Sample ID	MW-01D_WG_112601	MW-01D_WG_022502N-01D_WG_022502_D	MW-01D_WG_051302N-01D_WG_051302_D	MW-01D_WG_051302_D	MW-01D_WG_020304	
	GW Stds		ug/l	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,
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Data have not been validated

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

Chemical Name	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
	Class GA	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
GW Stds			ug/l	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:
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Table 4
Groundwater Data - VOCs
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Location ID		MW-01D	MW-01D	MW-01D	MW-01D	MW-01D	MW-01D
	Depth Interval		-	-	-	-	-	-
	Sample Date		11/15/2005	4/26/2006	11/14/2006	39203.68056	39384.56944	05/21/2008
	Class GA	Sample ID	MW-1D_11152005	MW-1D_04262006	MW-1D_11142006	MW-1D_050107	MW-1D-102907	MW-1D-052108
GW Stds			ug/l	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 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:
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Data have not been validated



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

Chemical Name	Location ID		MW-01D	MW-01D	MW-01D	MW-01D	MW-01D	MW-01D
	Depth Interval		-	-	-	-	-	-
	Sample Date		11/18/2008	10/19/2009	5/18/2010	1/19/2011	4/18/2011	7/26/2011
	Class GA	Sample ID	MW-1D	W-1D-101909101920(W-1D-0518100518201		MW-1D-01192011	MW-1D-041811	MW-1D072611
GW Stds			ug/l	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		0.5 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

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

Chemical Name	Location ID		MW-01D	MW-01D	MW-1D	X-1	X-1	MW-1D
	Depth Interval		-	-	-	-	-	-
	Sample Date		10/25/2011	3/20/2012	8/7/2012	8/7/2012	6/10/2014	12/18/2012
	Class GA	Sample ID	MW1D102511	MW1D032012	MW1D080712	MW1D080712	MW1D061014	MW-1D-121812
GW Stds			ug/l	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
1,1,1,2-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

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

Chemical Name	Location ID		MW-1D	MW-1D	MW-1D	MW-1D	MW-1D	MW-1D
	Depth Interval		-	-	-	-	-	-
	Sample Date		5/21/2013	8/19/2013	12/19/2013	3/25/2014	6/9/2014	9/23/2014
	Class GA	Sample ID	MW-1D-052113	MW-1D-081913	MW-1D-121913	MW-1D-032514	MW-1D-060914	MW1D092314
GW Stds			ug/l	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		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
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Table 4
Groundwater Data - VOCs
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Location ID		MW-1D	MW-1D	MW-1D	X-1	MW-1D	MW-1D
	Depth Interval		-	-	-	-	-	-
	Sample Date		12/9/2014	3/16/2015	6/23/2015	6/23/2015	9/21/2015	1/12/2016
	Class GA	Sample ID	MW 1D 120914	MW1D 031615	MW1D 062315	MW1D 062315	MW1D 092115	MW1D 011216
GW Stds			ug/l	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
1,1,1,2-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

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

Chemical Name	Location ID		X-1	MW-1D	MW-1D	MW-1D	MW-1D	X-1
	Depth Interval		-	-	-	-	-	-
	Sample Date		1/12/2016	3/28/2016	6/21/2016	9/20/2016	12/20/2016	12/20/2016
	Class GA	Sample ID	MW1D 011216	MW1D 032816	MW1D 062116	MW1D 092016	MW1D 122016	MW1D 122016
GW Stds			ug/l	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
1,1,1,2-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

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Data have not been validated



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

Chemical Name	Location ID		MW-1D	MW-1D	MW-1D	MW-1D	MW-1D	MW-1D
	Depth Interval		-	-	-	-	-	-
	Sample Date		4/11/2017	6/28/2017	9/12/2017	12/19/2017	3/13/2018	6/19/2018
	Class GA	Sample ID	MW1D 04112017	MW1D 062817	MW1D 091217	MW1D 121917	MW1D 031318	MW1D 061918
GW Stds			ug/l	ug/l	ug/l	ug/l	ug/l	ug/l
(ug/l)								
1,1,1-Trichloroethane	5		1 U	1 U	1 U	1.0 U	1.0 U	1.0 U
1,1,1,2-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

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Data have not been validated



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

Chemical Name	Location ID		MW-1D	MW-1D	MW-1D	MW-1D	MW-1D	MW-1D
	Depth Interval		-	-	-	-	-	-
	Sample Date		9/18/2018	11/27/2018	3/18/2019	6/20/2019	9/25/2019	12/18/2019
	Class GA	Sample ID	MW1D 091818	MW1D 112718	MW1D 031819	MW1D 062019	MW1D 09252019	MW1D 12182019
GW Stds			ug/l	ug/l	ug/l	ug/l	ug/l	ug/l
(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

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

Chemical Name	Location ID		MW-01D	MW-01D	MW-01D	MW-01D	MW-01D	MW-01D
	Depth Interval		-	-	-	-	-	-
	Sample Date		3/17/2020	6/16/2020	6/16/2020	9/22/2020	12/15/2020	3/22/2021
	Class GA	Sample ID	MW 1D 031720	MW 1D 061620	X-1 061620	MW 1D 092220	MW 1D 121520	MW-1D_032221
	GW Stds	(ug/l)	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	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:
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Table 4
Groundwater Data - VOCs
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Location ID	MW-01D	MW-01D	MW-01D	MW-01D	MW-01D	MW-01D
	Depth Interval		-	-	-	-	-
	Sample Date	6/14/2021	9/21/2021	12/20/2021	3/21/2022	6/21/2022	9/27/2022
	Class GA Sample ID GW Stds (ug/l)	MW-1D_061421 ug/l	MW1D 092121 ug/l	MW1D 122021 ug/l	MW1D 032122 ug/l	MW-1D 062122 ug/l	MW1D 092722 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:
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 --- Not analyzed, F - MS and/or MSD recovery/RPD exceeds the control limits
 [] - Exceeds NYS Class GA Ground Water Quality 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-01D	MW-01D	MW-01D	MW-01D
		Depth Interval	---	-	-	-
		Sample Date	12/21/2022	3/28/2023	6/14/2023	6/14/2023
		Sample ID	MW1D122122	MW1D 032823	MW1D 061423	X-1 061423
			ug/l	ug/L	ug/L	ug/L
1,1,1-Trichloroethane	5		1.0 U	1.0 U	1U	1U
1,1,2,2-Tetrachloroethane	5		1.0 U	1.0 U	1U	1U
1,1,2-Trichloroethane	1		1.0 U	1.0 U	1U	1U
1,1-Dichloroethane	5		1.0 U	1.0 U	1U	1U
1,1-Dichloroethene	5		1.0 U	1.0 U	1U	1U
1,2-Dichloroethane	0.6		1.0 U	1.0 U	1U	1U
1,2-Dichloroethene (Total)	5		---	---	---	---
1,2-Dichloropropane	1		1.0 U	1.0 U	1U	1U
2-Hexanone	50		5.0 U ++	5.0 U	5U	5U
4-Methyl-2-pentanone	NS		5.0 U ++	1.0 U	5U	5U
Acetone	50		10 U	10 U	10U	10U
Benzene	1		1.0 U	1.0 U	1U	1U
Bromodichloromethane	50		1.0 U	1.0 U	1U	1U
Bromoform	50		1.0 U	1.0 U	1U	1U
Bromomethane	5		1.0 U	1.0 U	1U	1U
Carbon disulfide	60		1.0 U	1.0 U	1U	1U
Carbon tetrachloride	5		1.0 U	1.0 U	1U	1U
Chlorobenzene	5		1.0 U	1.0 U	1U	1U
Chloroethane	5		1.0 U	1.0 U	1U	1U
Chloroform	7		1.0 U	1.0 U	1U	1U
cis-1,2-Dichloroethene	5		1.0 U	1.0 U	1U	1U
cis-1,3-Dichloropropene	0.4		1.0 U	1.0 U	1U	1U
Dibromochloromethane	50		1.0 U	1.0 U	1U	1U
Ethylbenzene	5		1.0 U	1.0 U	1U	1U
Methyl chloride	5		1.0 U	1.0 U	1U	1U
Methyl ethyl ketone	50		10 U	10 U	10U	10U
Methylene chloride	5		1.0 U	1.0 U	1U	1U
Styrene	5		1.0 U	1.0 U	1U	1U
Tetrachloroethene	5		1.0 U	1.0 U	1U	1U
Toluene	5		1.0 U	1.0 U	1U	1U
trans-1,2-Dichloroethene	5		1.0 U	1.0 U	1U	1U
trans-1,3-Dichloropropene	0.4		1.0 U	1.0 U	1U	1U
Trichloroethene	5		1.0 U	1.0 U	1U	1U
Vinyl chloride	2		1.0 U	1.0 U	1U	1U
Xylenes, Total	5		2.0 U	2.0 U	2U	2U

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Data have not been validated



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

Chemical Name	Location ID	MW-01S	MW-01S	MW-01S	MW-01S	MW-01S	MW-01S
	Depth Interval	-	-	-	-	-	-
	Sample Date	9/11/1995	11/13/1995	7/22/1997	9/15/1997	2/14/2000	8/13/2001
	Class GA	Sample ID	MW-01S_WG_091195	MW-01S_WG_111395	MW-01S_WG_072297	MW-01S_WG_091597	MW-01S_WG_021400
GW Stds		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:
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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)	Sample ID	Location ID	MW-01S	MW-01S	MW-01S	MW-01S	MW-01S	MW-01S
			Depth Interval	-	-	-	-	-	-
			Sample Date	11/26/2001	11/26/2001	2/25/2002	5/13/2002	2/3/2004	5/18/2004
				MW-01S_WG_112601N-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,
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 Data have not been validated

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

Chemical Name	Location ID		MW-01S	MW-01S	MW-01S	MW-01S	MW-01S	MW-01S
	Depth Interval		-	-	-	-	-	-
	Sample Date		8/5/2004	11/16/2004	2/16/2005	4/18/2005	9/7/2005	11/15/2005
	Class GA	Sample ID	MW-01S_WG_080504	MW-01S_WG_111604	MW-01S_WG_021605	MW-01S_WG_041805	MW-1S_09072005	MW-1S_11152005
	GW Stds		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
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 Data have not been validated

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

Chemical Name	Location ID		MW-01S	MW-01S	MW-01S	MW-01S	MW-01S	MW-01S
	Depth Interval		-	-	-	-	-	-
	Sample Date		4/26/2006	11/14/2006	05/01/2007	10/29/2007	5/21/2008	5/21/2008
	Class GA	Sample ID	MW-1S_04262006	MW-1S_11142006	MW-1S_050107	MW-1S-102907	BLIND DUP	MW-1S-052108
GW Stds			ug/l	ug/l	ug/l	ug/l	ug/l	ug/l
(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
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Table 4
Groundwater Data - VOCs
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA	Sample ID	Location ID	MW-01S	MW-01S	MW-01S	MW-01S	MW-01S	MW-01S
			Depth Interval	-	-	-	-	-	-
			Sample Date	11/18/2008	10/19/2009	5/18/2010	1/19/2011	4/18/2011	7/26/2011
			GW Stds	MW-1S	W-1S-101909101920	W-1S-051810051820	MW-1S-01192011	MW-1S-041811	MW-1S072611
			(ug/l)	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			0.5 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:
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 --- Not analyzed, F - MS and/or MSD recovery/RPD exceeds the control limits
 [] - Exceeds NYS Class GA Ground Water Quality 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	Location ID		MW-01S	MW-01S	MW-1S	MW-1S	MW-1S	MW-1S
	Depth Interval		-	-	-	-	-	-
	Sample Date		10/25/2011	3/20/2012	8/7/2012	12/18/2012	5/21/2013	8/19/2013
	Class GA	Sample ID	MW1S102511	MW1S032012	MW1S080712	MW-1S-121812	MW-1S-052113	MW-1S-081913
GW Stds			ug/l	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		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

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 Data have not been validated

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

Chemical Name	Location ID		MW-1S	MW-1S	MW-1S	MW-1S	MW-1S	MW-1S
	Depth Interva		-	-	-	-	-	-
	Sample Date		12/18/2013	3/25/2014	6/9/2014	9/23/2014	12/9/2014	3/16/2015
	Class GA	Sample ID	MW-1S-121813	MW-1S-032514	MW-1S-060914	MW1S092314	MW 1S 120914	MW1S 031615
	GW Stds		ug/l	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	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

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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	Location ID		MW-1S	MW-1S	X-1	MW-1S	MW-1S	MW-1S
	Depth Interval		-	-	-	-	-	-
	Sample Date		6/23/2015	9/21/2015	9/21/2015	1/12/2016	3/28/2016	6/21/2016
	Class GA	Sample ID	MW1S 062315	MW1S 092115	MW1S 092115	MW1S 011216	MW1S 032816	MW1S 062116
	GW Stds		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		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

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

Chemical Name	Location ID		X-1	MW-1S	MW-1S	MW-1S	X-1	MW-1S
	Depth Interval		-	-	-	-	-	-
	Sample Date		6/21/2016	9/20/2016	12/20/2016	4/11/2017	4/11/2017	6/28/2017
	Class GA	Sample ID	MW1S 062116	MW1S 092016	MW1S 122016	MW1S 04112017	MW1S 04112017	MW1S 062817
GW Stds			ug/l	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		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

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Table 4
Groundwater Data - VOCs
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Niagara Falls, New York

Chemical Name	Location ID		MW-1S	MW-1S	MW-01S	MW-1S	MW-1S	MW-1S
	Depth Interva		-	-	-	-	-	-
	Sample Date		9/12/2017	12/19/2017	3/13/2018	6/19/2018	9/18/2018	11/27/2018
	Class GA	Sample ID	MW1S 091217	MW1S 121917	MW 1S 031318	MW1S 061918	MW1S 091818	MW-1S-112718
	GW Stds		ug/l	ug/l	ug/l	ug/l	ug/l	ug/l
(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:

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[] - Exceeds NYS Class GA Ground Water Quality 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	Location ID		MW-1S	MW-1S	MW-1S	MW-1S	MW-01S	MW-01S
	Depth Interval		-	-	-	-	-	--
	Sample Date		3/18/2019	6/20/2019	9/24/2019	12/18/2019	3/17/2020	6/16/2020
	Class GA	Sample ID	MW-1S-031819	MW-1S-062019	MW-1S-092419	MW-1S-121819	MW 1S 031720	MW1S 061620
GW Stds			ug/l	ug/l	ug/l	ug/l	ug/l	µg/L
(ug/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:

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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	Location ID		MW-01S	MW-01S	MW-01S	MW-01S	MW-01S	MW-01S
	Depth Interval		--	--				-
	Sample Date		9/22/2020	12/15/2020	3/23/2021	3/23/2021	6/14/2021	9/21/2021
	Class GA	Sample ID	MW1S 092220	MW1S 121520	MW-1S_032321	X-1_032321	MW-1S_061421	MW1S 092121
	GW Stds		µg/L	µg/L	ug/l	ug/l	ug/l	ug/l
(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:
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 --- Not analyzed, F - MS and/or MSD recovery/RPD exceeds the control limits
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 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	Location ID		MW-01S	MW-01S	MW-01S	MW-01S	MW-01S	MW-01S	MW-01S
	Depth Interval		-	-	-	-	---	-	-
	Sample Date		12/20/2021	3/21/2022	6/21/2022	9/27/2022	12/21/2022	3/28/2023	6/14/2023
	Class GA	Sample ID	MW1S 122021	MW1S 032122	MW-1S 062122	MW1S 092722	MW1S122122	MW1S 032823	MW1S 061423
GW Stds			ug/l	ug/l	ug/l	ug/l	ug/l	ug/L	ug/L
(ug/l)									
1,1,1-Trichloroethane	5		2.0 U	1.0 U	1.0 U	2.0 U	1.0 U	1.0 U	1U
1,1,2,2-Tetrachloroethane	5		2.0 U	1.0 U	1.0 U	2.0 U **	1.0 U	1.0 U	1U
1,1,2-Trichloroethane	1		2.0 U	1.0 U	1.0 U	2.0 U	1.0 U	1.0 U	1U
1,1-Dichloroethane	5		2.0 U	1.0 U	1.0 U	2.0 U **	1.0 U	1.0 U	1U
1,1-Dichloroethene	5		2.0 U	1.0 U	1.0 U	2.0 U	1.0 U	1.0 U	1U
1,2-Dichloroethane	0.6		2.0 U	1.0 U	1.0 U	2.0 U **	1.0 U	1.0 U	1U
1,2-Dichloroethene (Total)	5		---	---	---	---	---	---	---
1,2-Dichloropropane	1		2.0 U	1.0 U	1.0 U	2.0 U **	1.0 U	1.0 U	1U
2-Hexanone	50		10 U	5.0 U	5.0 U	10 U	5.0 U **	5.0 U	5U
4-Methyl-2-pentanone	NS		10 U	5.0 U	5.0 U	10 U	5.0 U **	1.0 U	5U
Acetone	50		20 U	10 U	10 U	< 20 U	10 U	10 U	10U
Benzene	1		2.0 U	1.0 U	1.0 U	2.0 U	1.0 U	1.0 U	1U
Bromodichloromethane	50		2.0 U	1.0 U	1.0 U	2.0 U **	1.0 U	1.0 U	1U
Bromoform	50		2.0 U	1.0 U	1.0 U	2.0 U	1.0 U	1.0 U	1U
Bromomethane	5		2.0 U	1.0 U	1.0 U	2.0 U	1.0 U	1.0 U	1U
Carbon disulfide	60		2.0 U	1.0 U	1.0 U	2.0 U	1.0 U	1.0 U	1U
Carbon tetrachloride	5		2.0 U	1.0 U	1.0 U	2.0 U	1.0 U	1.0 U	1U
Chlorobenzene	5		2.0 U	1.0 U	1.0 U	2.0 U	1.0 U	1.0 U	1U
Chloroethane	5		2.0 U	1.0 U	1.0 U	2.0 U	1.0 U	1.0 U	1U
Chloroform	7		2.0 U	1.0 U	1.0 U	2.0 U	1.0 U	1.0 U	1U
cis-1,2-Dichloroethene	5		2.0 U	1.0 U	1.0 U	2.0 U	1.0 U	1.0 U	1U
cis-1,3-Dichloropropene	0.4		2.0 U	1.0 U	1.0 U	2.0 U **	1.0 U	1.0 U	1U
Dibromochloromethane	50		2.0 U	1.0 U	1.0 U	2.0 U **	1.0 U	1.0 U	1U
Ethylbenzene	5		2.0 U	1.0 U	1.0 U	2.0 U	1.0 U	1.0 U	1U
Methyl chloride	5		2.0 U	1.0 U	1.0 U	2.0 U	1.0 U	1.0 U	1U
Methyl ethyl ketone	50		20 U	10 U	10 U	< 20 U **	10 U	10 U	10U
Methylene chloride	5		2.0 U	1.0 U	1.0 U	2.0 U **	1.0 U	1.0 U	1U
Styrene	5		2.0 U	1.0 U	1.0 U	2.0 U **	1.0 U	1.0 U	1U
Tetrachloroethene	5		2.0 U	1.0 U	1.0 U	2.0 U **	1.0 U	1.0 U	1U
Toluene	5		2.0 U	1.0 U	1.0 U	2.0 U	1.0 U	1.0 U	1U
trans-1,2-Dichloroethene	5		2.0 U	1.0 U	1.0 U	2.0 U	1.0 U	1.0 U	1U
trans-1,3-Dichloropropene	0.4		2.0 U	1.0 U	1.0 U	2.0 U	1.0 U	1.0 U	1U
Trichloroethene	5		2.0 U	1.0 U	1.0 U	2.0 U	1.0 U	1.0 U	1U
Vinyl chloride	2		2.0 U	1.0 U	1.0 U	2.0 U	1.0 U	1.0 U	1U
Xylenes, Total	5		4.0 U	2.0 U	2.0 U	4.0 U	2.0 U	2.0 U	2U

NOTES:

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Data have not been validated



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

Chemical Name	Location ID	MW-04D	MW-04D	MW-04D	MW-04D	MW-04D	MW-04D
	Depth Interval	-	-	-	-	-	-
	Sample Date	9/14/1995	11/13/1995	7/24/1997	7/24/1997	9/17/1997	2/17/2000
	Class GA	Sample ID	MW-04D_WG_091495	MW-04D_WG_111395	MW-04D_WG_072497	MW-04D_WG_072497_D	MW-04D_WG_091797
GW Stds		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

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Data have not been validated

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

Chemical Name	Location ID		MW-04D	MW-04D	MW-04D	MW-04D	MW-04D	MW-04D
	Depth Interval		-	-	-	-	-	-
	Sample Date		8/15/2001	11/29/2001	2/28/2002	5/14/2002	7/30/2003	2/5/2004
	Class GA	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
GW Stds			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:
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 --- Not analyzed, F - MS and/or MSD recovery/RPD exceeds the control limits
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Table 4
Groundwater Data - VOCs
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Location ID		MW-04D	MW-04D	MW-04D	MW-04D	MW-04D	MW-04D
	Depth Interval		-	-	-	-	-	-
	Sample Date		5/19/2004	8/5/2004	11/17/2004	2/15/2005	4/20/2005	9/7/2005
	Class GA	Sample ID	MW-04D_WG_051904	MW-04D_WG_080504	MW-04D_WG_111704	MW-04D_WG_021505	MW-04D_WG_042005	MW-04D_09072005
GW Stds			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 Quality 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	Location ID		MW-04D	MW-04D	MW-04D	MW-04D	MW-04D	MW-04D
	Depth Interval		-	-	-	-	-	-
	Sample Date		11/16/2005	4/27/2006	11/15/2006	5/3/2007	10/31/2007	5/23/2008
	Class GA	Sample ID	MW-4D_11162005	MW-4D_04272006	MW-4D_11152006	MW-4D_050307	MW 4-D-103107	MW-4D-052208
	GW Stds		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 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,
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 [] - Exceeds NYS Class GA Ground Water Quality 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	Location ID		MW-04D	MW-04D	MW-04D	MW-04D	MW-04D	MW-04D
	Depth Interval		-	-	-	-	-	-
	Sample Date		11/19/2008	10/21/2009	5/19/2010	1/20/2011	4/21/2011	7/28/2011
	Class GA	Sample ID	MW-4D	W-4D-1021091021201	W-4D-0519100519201	MW-4D-01202011	MW-4D-042111	MW-4D 072811
	GW Stds		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		0.5 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

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 Data have not been validated

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

Chemical Name	Location ID		MW-04D	MW-04D	MW-4D	MW-4D	MW-4D	MW-4D
	Depth Interval							
	Sample Date		10/26/2011	3/22/2012	8/9/2012	12/20/2012	5/22/2013	8/21/2013
	Class GA	Sample ID	MW4D102611	MW4D032212	MW4D080912	MW-4D-122012	MW-4D-052213	MW-4D-082113
	GW Stds		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		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

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 Data have not been validated

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

Chemical Name	Class GA	Location ID Depth Interval Sample Date Sample ID	MW-4D	MW-4D	MW-4D	MW-4D	MW-4D	MW-4D
			-	-	-	-	-	-
			12/19/2013	3/27/2014	6/10/2014	9/25/2014	12/9/2014	3/17/2015
			MW-4D-121913	MW-4D-032714	MW-4D-061014	MW 4D 092514	MW 4D 120914	MW4D 031715
GW Stds	(ug/l)		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		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:
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 --- Not analyzed, F - MS and/or MSD recovery/RPD exceeds the control limits
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 Data have not been validated

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

Chemical Name	Class GA	Sample ID	Location ID	MW-4D	MW-4D	MW-4D	MW-4D	MW-4D	MW-4D
			Depth Interval	-	-	-	-	-	-
			Sample Date	6/23/2015	9/22/2015	1/12/2016	3/30/2016	6/21/2016	9/20/2016
			GW Stds	MW4D 062315	MW4D 092215	MW4D 011216	MW-4D-033016	MW-4D-062116	MW-4D-092016
			(ug/l)	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			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:
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 --- Not analyzed, F - MS and/or MSD recovery/RPD exceeds the control limits
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 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	Location ID		MW-4D	MW-4D	MW-4D	MW-4D	MW-4D	MW-04D
	Depth Interval		-	-	-	-	-	-
	Sample Date		12/21/2016	4/13/2017	6/28/2017	9/14/2017	12/21/2017	3/15/2018
	Class GA	Sample ID	MW-4D-122116	MW-4D-041317	MW-4D-062817	MW-4D-091417	MW-4D-122117	MW 4D 031518
	GW Stds		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		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:
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 Data have not been validated



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

Chemical Name	Location ID		MW-4D	MW-4D	MW-4D	MW-4D	MW-4D	MW-4D
	Depth Interval		-	-	-	-	-	-
	Sample Date		6/20/2018	9/19/2018	11/29/2018	3/20/2019	6/21/2019	9/25/2019
	Class GA	Sample ID	MW-4D-062018	MW-4D-091918	MW-4D-112918	MW-4D-032019	MW-4D-062119	MW-4D-092519
	GW Stds		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		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

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Data have not been validated

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

		Location ID	MW-4D	MW-04D	MW-04D	MW-04D	MW-04D	MW-04D
		Depth Interva	-	-	--	--	--	-
		Sample Date	12/18/2019	3/19/2020	6/17/2020	9/23/2020	12/15/2020	3/24/2021
		Class GA	MW-4D-121819	MW 4D 031920	MW4D061720	MW4D092320	MW4D121520	MW4D032421
		GW Stds						
Chemical Name	(ug/l)		ug/l	ug/l	µg/L	µg/L	µg/L	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

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 Data have not been validated



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

Chemical Name	Location ID		MW-04D	MW-04D	MW-04D	MW-04D	MW-04D	MW-04D
	Depth Interval		-	-	-	-	-	-
	Sample Date		6/16/2021	9/21/2021	12/22/2021	3/22/2022	6/22/2022	9/29/2022
	Class GA	Sample ID	MW4D061621	MW4D 092121	MW4D 122221	MW4D 032222	MW-4D 062222	MW4D 092922
	GW Stds	(ug/l)	ug/l	ug/l	ug/l	ug/l	ug/l	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:
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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	Location ID		MW-04D	MW-04D	MW-04D	MW-04D
	Depth Interval		---	-	-	-
	Sample Date		12/21/2022	3/29/2023	3/29/2023	6/14/2023
	Class GA	Sample ID	MW4D122122	MW4D 032923	DUP 032923	MW4D 061423
	GW Stds		ug/l	ug/L	ug/L	ug/L
1,1,1-Trichloroethane	5		1.0 U	1.0 U	1.0 U	1U
1,1,2,2-Tetrachloroethane	5		1.0 U	1.0 U	1.0 U	1U
1,1,2-Trichloroethane	1		1.0 U	1.0 U	1.0 U	1U
1,1-Dichloroethane	5		1.0 U	1.0 U	1.0 U	1U
1,1-Dichloroethene	5		1.0 U	1.0 U	1.0 U	1U
1,2-Dichloroethane	0.6		1.0 U	1.0 U	1.0 U	1U
1,2-Dichloroethene (Total)	5		---	---	---	---
1,2-Dichloropropane	1		1.0 U	1.0 U	1.0 U	1U
2-Hexanone	50		5.0 U **	5.0 U	5.0 U	5U
4-Methyl-2-pentanone	NS		5.0 U **	1.0 U	1.0 U	5U
Acetone	50		10 U	10 U	10 U	10U
Benzene	1		1.0 U	1.0 U	1.0 U	1U
Bromodichloromethane	50		1.0 U	1.0 U	1.0 U	1U
Bromoform	50		1.0 U	1.0 U	1.0 U	1U
Bromomethane	5		1.0 U	1.0 U	1.0 U	1U
Carbon disulfide	60		1.0 U	1.0 U	1.0 U	1U
Carbon tetrachloride	5		1.0 U	1.0 U	1.0 U	1U
Chlorobenzene	5		1.0 U	1.0 U	1.0 U	1U
Chloroethane	5		1.0 U	1.0 U	1.0 U	1U
Chloroform	7		1.0 U	1.0 U	1.0 U	1U
cis-1,2-Dichloroethene	5		1.0 U	1.0 U	1.0 U	1U
cis-1,3-Dichloropropene	0.4		1.0 U	1.0 U	1.0 U	1U
Dibromochloromethane	50		1.0 U	1.0 U	1.0 U	1U
Ethylbenzene	5		1.0 U	1.0 U	1.0 U	1U
Methyl chloride	5		1.0 U	1.0 U	1.0 U	1U
Methyl ethyl ketone	50		10 U	10 U	10 U	10U
Methylene chloride	5		1.0 U	1.0 U	1.0 U	1U
Styrene	5		1.0 U	1.0 U	1.0 U	1U
Tetrachloroethene	5		1.0 U	1.0 U	1.0 U	1U
Toluene	5		1.0 U	1.0 U	1.0 U	1U
trans-1,2-Dichloroethene	5		1.0 U	1.0 U	1.0 U	1U
trans-1,3-Dichloropropene	0.4		1.0 U	1.0 U	1.0 U	1U
Trichloroethene	5		1.0 U	1.0 U	1.0 U	1U
Vinyl chloride	2		1.0 U	1.0 U	1.0 U	1U
Xylenes, Total	5		2.0 U	2.0 U	2.0 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
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Data have not been validated

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

		Location ID	MW-04S	MW-04S	MW-04S	MW-04S	MW-04S	MW-04S
		Depth Interval	-	-	-	-	-	-
		Sample Date	9/14/1995	11/13/1995	7/24/1997	9/17/1997	9/17/1997	2/17/2000
	Class GA	Sample ID	MW-04S_WG_091495	MW-04S_WG_111395	MW-04S_WG_072497	MW-04S_WG_091797	MW-04S_WG_091797_D	MW-04S_WG_021700
	GW Stds		ug/l	ug/l	ug/l	ug/l	ug/l	ug/l
Chemical Name	(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,
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 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-04S	MW-04S	MW-04S	MW-04S	MW-04S	MW-04S	
		Depth Interval	-	-	-	-	-	-	
		Sample Date	8/15/2001	11/29/2001	2/28/2002	5/14/2002	7/31/2003	2/6/2004	
		Class GA	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
		GW Stds							
Chemical Name	(ug/l)		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	0.2 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:
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Table 4
Groundwater Data - VOCs
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA	GW Stds	Location ID	MW-04S	MW-04S	MW-04S	MW-04S	MW-04S	MW-04S
			Depth Interval	-	-	-	-	-	-
			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:
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 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	Location ID		MW-04S	MW-04S	MW-04S	MW-04S	MW-04S	MW-04S
	Depth Interval		-	-	-	-	-	-
	Sample Date		11/16/2005	4/27/2006	11/16/2006	5/3/2007	10/31/2007	5/22/2008
	Class GA	Sample ID	MW-4S_11162005	MW-4S_04272006	MW-4S_11162006	MW-4S_050307	MW 4-S-103107	MW-4S-052208
GW Stds			ug/l	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 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:
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 [] - Exceeds NYS [] - Exceeds NYS Class GA Ground Water Quality 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)	Sample ID	Location ID	MW-04S	MW-04S	MW-04S	MW-04S	MW-04S	MW-04S
			Depth Interval	-	-	-	-	-	-
			Sample Date	11/18/2008	10/21/2009	5/19/2010	1/20/2011	4/21/2011	7/28/2011
				MW-4S	W-4S-102109102120	W-4S-051910051920	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:
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 Data have not been validated

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

Chemical Name	Location ID		MW-04S	MW-04S	MW-4S	MW-4S	MW-4S	MW-4S
	Depth Interval							
	Sample Date		10/27/2011	3/22/2012	8/9/2012	12/20/2012	5/22/2013	8/22/2013
	Class GA	Sample ID	MW4S102711	MW4S032212	MW4S080912	MW-4S-122012	MW-4S-052213	MW-4S-082213
GW Stds			ug/l	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	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 Quality 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	Location ID		MW-4S	MW-4S	MW-4S	MW-4S	MW-4S	MW-4S
	Depth Interval		-	-	-	-	-	-
	Sample Date		12/19/2013	3/27/2014	6/11/2014	9/24/2014	12/10/2014	3/18/2015
	Class GA	Sample ID	MW-4S-121913	MW-4S-032714	MW-4S-061114	MW-4S-092414	MW 4S 121014	MW4S031815
GW Stds			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
1,1,2,2-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 U	---	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 Quality Standard
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 Data have not been validated

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

Chemical Name	Location ID		MW-4S	MW-4S	MW-4S	MW-4S	MW-4S	MW-4S
	Depth Interval		-	-	-	-	-	-
	Sample Date		6/25/2015	9/23/2015	1/13/2016	3/30/2016	6/21/2016	9/21/2016
	Class GA	Sample ID	MW4S062515	MW4S 092315	MW4S 011316	MW-4S-033016	MW-4S-062116	MW-4S-092116
GW Stds			ug/l	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	1.1
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:
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 --- Not analyzed, --- Not analyzed, F - MS and/or MSD recovery/RPD exceeds the control limits
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 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	Location ID		MW-4S	MW-4S	MW-4S	MW-4S	MW-4S	MW-04S
	Depth Interva		-	-	-	-	-	-
	Sample Date		12/21/2016	4/13/2017	6/28/2017	9/14/2017	12/21/2017	3/15/2018
	Class GA	Sample ID	MW-4S-122116	MW-4S-041317	MW-4S-062817	MW-4S-091417	MW-4S-122117	MW 4S 031518
	GW Stds		ug/l	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		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:
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 --- Not analyzed, --- Not analyzed, F - MS and/or MSD recovery/RPD exceeds the control limits
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 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	Location ID		MW-4S	MW-4S	MW-4S	MW-4S	MW-4S	MW-4S
	Depth Interval		-	-	-	-	-	-
	Sample Date		6/19/2018	9/19/2018	11/27/2018	3/20/2019	6/21/2109	9/25/2019
	Class GA	Sample ID	MW-4S-061918	MW-4S-091918	MW-4D-091918	MW-4D-032019	MW-4S-062119	MW-4S-092519
GW Stds			ug/l	ug/l	ug/l	ug/l	ug/l	ug/l
(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

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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	Location ID		MW-4S	MW-04S	MW-04S	MW-04S	MW-04S	MW-04S
	Depth Interva		-	-	--	--	--	-
	Sample Date		12/19/2019	3/19/2020	6/17/2020	9/23/2020	12/15/2020	3/25/2021
	Class GA	Sample ID	MW-4S-121919	MW 4S 031920	MW4S061720	MW4S092320	MW4S121520	MW4S032521
	GW Stds		ug/l	ug/l	µg/L	µg/L	µg/L	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 Quality 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	Location ID		MW-4S	MW-04S	MW-04S	MW-04S	MW-04S	MW-04S
	Depth Interval		-	-	-	-	-	-
	Sample Date		6/16/2021	9/23/2021	12/22/2021	3/22/2022	6/23/2022	9/27/2022
	Class GA	Sample ID	MW-4S-061621	MW4S 092321	MW4S 122221	MW4S 032222	MW-4S 062322	MW4S092722
	GW Stds		µg/L	ug/l	ug/l	ug/l	ug/l	µg/L
1,1,1-Trichloroethane	5		1 U	1 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	
1,1,2-Trichloroethane	1		1 U	1 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	
1,1-Dichloroethene	5		1 U	1 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	
1,2-Dichloroethene (Total)	5		---	---	---	---	---	
1,2-Dichloropropane	1		1 U	1 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	
4-Methyl-2-pentanone	NS		5 U	5 U	5.0 U	5.0 U	5.0 U	
Acetone	50		10 U	3.7 J	10 U	10 U	10 U	
Benzene	1		1 U	1 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	
Bromoform	50		1 U	1 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	
Carbon disulfide	60		1 U	1 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	
Chlorobenzene	5		1 U	1 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	
Chloroform	7		1 U	1 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	
cis-1,3-Dichloropropene	0.4		1 U	1 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	
Ethylbenzene	5		1 U	1 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	
Methyl ethyl ketone	50		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	
Styrene	5		1 U	1 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	
Toluene	5		1 U	1 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	
trans-1,3-Dichloropropene	0.4		1 U	1 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	
Vinyl chloride	2		1 U	1 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	

NOT
SAMPLED

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 Quality 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	Location ID		MW-04S	MW-04S	MW-04S
	Depth Interval		---	---	---
	Sample Date		12/21/2022	3/28/2023	6/14/2023
	Class GA	Sample ID	MW4S122122	MW4S 032823	MW4S 061423
	GW Stds		ug/l	ug/L	ug/L
1,1,1-Trichloroethane	5		1.0 U	1.0 U	1U
1,1,2,2-Tetrachloroethane	5		1.0 U	1.0 U	1U
1,1,2-Trichloroethane	1		1.0 U	1.0 U	1U
1,1-Dichloroethane	5		1.0 U	1.0 U	1U
1,1-Dichloroethene	5		1.0 U	1.0 U	1U
1,2-Dichloroethane	0.6		1.0 U	1.0 U	1U
1,2-Dichloroethene (Total)	5		---	---	---
1,2-Dichloropropane	1		1.0 U	1.0 U	1U
2-Hexanone	50		5.0 U **	5.0 U	5U
4-Methyl-2-pentanone	NS		5.0 U **	1.0 U	5U
Acetone	50		10 U	10 U	10U
Benzene	1		1.0 U	1.0 U	1U
Bromodichloromethane	50		1.0 U	1.0 U	1U
Bromoform	50		1.0 U	1.0 U	1U
Bromomethane	5		1.0 U	1.0 U	1U
Carbon disulfide	60		1.0 U	1.0 U	1U
Carbon tetrachloride	5		1.0 U	1.0 U	1U
Chlorobenzene	5		1.0 U	1.0 U	1U
Chloroethane	5		1.0 U	1.0 U	1U
Chloroform	7		1.0 U	1.0 U	1U
cis-1,2-Dichloroethene	5		1.0 U	1.0 U	1U
cis-1,3-Dichloropropene	0.4		1.0 U	1.0 U	1U
Dibromochloromethane	50		1.0 U	1.0 U	1U
Ethylbenzene	5		1.0 U	1.0 U	1U
Methyl chloride	5		1.0 U	1.0 U	1U
Methyl ethyl ketone	50		10 U	10 U	10U
Methylene chloride	5		1.0 U	1.0 U	1U
Styrene	5		1.0 U	1.0 U	1U
Tetrachloroethene	5		1.0 U	1.0 U	1U
Toluene	5		1.0 U	1.0 U	1U
trans-1,2-Dichloroethene	5		1.0 U	1.0 U	1U
trans-1,3-Dichloropropene	0.4		1.0 U	1.0 U	1U
Trichloroethene	5		1.0 U	1.0 U	1U
Vinyl chloride	2		1.0 U	1.0 U	1U
Xylenes, Total	5		2.0 U	2.0 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 Quality Standard
 Trip Blank associ: 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 Interval	-	-	-	-	-	-
		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 standards (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 Quality 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 Interv	-	-	-	-	-	-
		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		ug/l	ug/l	ug/l	ug/l	ug/l	ug/l
	tandards (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 Quality 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 Interval	-	-	-	-	-	-
		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
Chemical Name	Class GA GW		ug/l	ug/l	ug/l	ug/l	ug/l	ug/l
	tandards (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 Quality 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 Interval	-	-	-	-	-	-
		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
Class GA GW			ug/l	ug/l	ug/l	ug/l	ug/l	ug/l
Chemical Name	standards (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 Quality 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 Interval	-	-	-	-	-	-
		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
Chemical Name	Class GA GW standards (ug/l)		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

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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-5D	MW-5D	MW-5D	MW-5D	MW-5D
		Depth Interval	-	-	-	-	-	-
		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
Chemical Name	Class GA GW standards (ug/l)		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

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 Data have not been validated

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 Interval	-	-	-	-	-	-
		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
Chemical Name	Class GA GW		ug/l	ug/l	ug/l	ug/l	ug/l	ug/l
	standards (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

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Data have not been validated

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	X-1
		Depth Interval	-	-	-	-	-	-
		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
Chemical Name	Class GA GW		ug/l	ug/l	ug/l	ug/l	ug/l	ug/l
	tandards (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

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Data have not been validated

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-05D
		Depth Interval	-	-	-	-	-	-
		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
Chemical Name	Class GA GW		ug/l	ug/l	ug/l	ug/l	ug/l	ug/l
	standards (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

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 Data have not been validated

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

Chemical Name	Class GA GW standards (ug/l)	Location ID	MW-5D	MW-5D	MW-5D	MW-5D	MW-5D	MW-5D
		Depth Interv:	-	-	-	-	-	-
		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
			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 Quality 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-5D	MW-5D	MW-05D	MW-05D	MW-05D	MW-05D
		Depth Interval	-	-	-	--	--	--
		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
		Class GA GW	ug/l	ug/l	ug/l	µg/L	µg/L	µg/L
Chemical Name	standards (ug/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	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 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 Quality 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 Interval	--	--	-	-	-	-
		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
Chemical Name	Class GA GW standards (ug/l)		ug/l	ug/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 Quality 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 Interval	-	-	---	-	-	---
		Sample Date	6/22/2022	9/27/2022	12/21/2022	3/28/2023	6/14/2023	9/18/2023
		Sample ID	X-1 062222	MW5D 092722	MW5D122122	MW5D 032823	MW5D 061423	MW5D 091823
Chemical Name	Class GA GW		ug/l	ug/l	ug/l	ug/L	ug/L	ug/l
	tandards (ug/l)							
1,1,1-Trichloroethane	5		1.0 U	1.0 U	1.0 U	1.0 U	1U	1.0 U
1,1,2,2-Tetrachloroethane	5		1.0 U	1.0 U *	1.0 U	1.0 U	1U	1.0 U
1,1,2-Trichloroethane	1		1.0 U	1.0 U	1.0 U	1.0 U	1U	1.0 U
1,1-Dichloroethane	5		1.0 U	0.48 J *	1.0 U	1.0 U	1U	1.0 U
1,1-Dichloroethene	5		1.0 U	1.0 U	1.0 U	1.0 U	1U	1.0 U
1,2-Dichloroethane	0.6		1.0 U	1.0 U *	1.0 U	1.0 U	1U	1.0 U
1,2-Dichloroethene (Total)	5		---	---	---	---	---	---
1,2-Dichloropropane	1		1.0 U	1.0 U *	1.0 U	1.0 U	1U	1.0 U
2-Hexanone	50		5.0 U	5.0 U	5.0 U *	5.0 U	5U	5.0 U
4-Methyl-2-pentanone	NS		5.0 U	5.0 U	5.0 U *	1.0 U	5U	5.0 U
Acetone	50		10 U	10 U	10 U	10 U	10U	10 U
Benzene	1		1.0 U	1.0 U	1.0 U	1.0 U	1U	1.0 U
Bromodichloromethane	50		1.0 U	1.0 U *	1.0 U	1.0 U	1U	1.0 U
Bromoform	50		1.0 U	1.0 U	1.0 U	1.0 U	1U	1.0 U
Bromomethane	5		1.0 U	1.0 U	1.0 U	1.0 U	1U	1.0 U
Carbon disulfide	60		1.0 U	1.0 U	1.0 U	1.0 U	1U	1.0 U
Carbon tetrachloride	5		1.0 U	1.0 U	1.0 U	1.0 U	1U	1.0 U
Chlorobenzene	5		1.0 U	1.0 U	1.0 U	1.0 U	1U	1.0 U
Chloroethane	5		1.0 U	1.0 U	1.0 U	1.0 U	1U	1.0 U
Chloroform	7		1.0 U	1.0 U	1.0 U	1.0 U	1U	1.0 U
cis-1,2-Dichloroethene	5		1.0 U	1.0 U	1.0 U	1.0 U	1U	1.0 U
cis-1,3-Dichloropropene	0.4		1.0 U	1.0 U *	1.0 U	1.0 U	1U	1.0 U
Dibromochloromethane	50		1.0 U	1.0 U *	1.0 U	1.0 U	1U	1.0 U
Ethylbenzene	5		1.0 U	1.0 U	1.0 U	1.0 U	1U	1.0 U
Methyl chloride	5		1.0 U	1.0 U	1.0 U	1.0 U	1U	1.0 U
Methyl ethyl ketone	50		10 U	10 U *	10 U	10 U	10U	10 U
Methylene chloride	5		1.0 U	1.0 U *	1.0 U	1.0 U	1U	1.0 U
Styrene	5		1.0 U	1.0 U *	1.0 U	1.0 U	1U	1.0 U
Tetrachloroethene	5		1.0 U	1.0 U *	1.0 U	1.0 U	1U	1.0 U
Toluene	5		1.0 U	1.0 U	1.0 U	1.0 U	1U	1.0 U
trans-1,2-Dichloroethene	5		1.0 U	1.0 U	1.0 U	1.0 U	1U	1.0 U
trans-1,3-Dichloropropene	0.4		1.0 U	1.0 U	1.0 U	1.0 U	1U	1.0 U
Trichloroethene	5		1.0 U	1.0 U	1.0 U	1.0 U	1U	1.0 U
Vinyl chloride	2		1.0 U	1.0 U	1.0 U	1.0 U	1U	1.0 U
Xylenes, Total	5		2.0 U	2.0 U	2.0 U	2.0 U	2U	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 Quality Standard, --- Not Analyzed
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-05S	MW-05S	MW-05S
		Depth Interval	-	-	-	-	-	-
		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_021700N	MW-05S_WG_021700_D
Chemical Name	Class GA GW standards (ug/l)		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 Quality 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-05S	MW-05S	MW-05S
		Depth Interval	-	-	-	-	-	-
		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 standards (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:
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 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-05S	MW-05S	MW-05S
		Depth Interval	-	-	-	-	-	-
		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-05S_09072005
Chemical Name	Class GA GW standards (ug/l)		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

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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 Interval	-	-	-	-	-	-
		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
Chemical Name	Class GA GW	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	
	standards (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	

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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 Interval	-	-	-	-	-	-
		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-1021091021200	W-5S-0519100519201	MW-5S-01202011	MW-5S-042011
Chemical Name	Class GA GW		ug/l	ug/l	ug/l	ug/l	ug/l	ug/l
	standards (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	10 U
1,1-Dichloroethane	5		[33]	[24]	[43]	[10]	[5.4]	[7.5]
1,1-Dichloroethene	5		12.5 U	12.5 U	2.6	2.9	1.4	8.4 J
1,2-Dichloroethane	0.6		12.5 U	12.5 U	1 U	1 U	1 U	10 U
1,2-Dichloroethene (Total)	5		---	---	---	---	---	---
1,2-Dichloropropane	1		12.5 U	12.5 U	1 U	1 U	1 U	1 U
2-Hexanone	50		125 U	125 U	5 U	5 U	5 U	50 U
4-Methyl-2-pentanone	NS		125 U	125 U	5 U	5 U	5 U	50 U
Acetone	50		250 U	250 U	4.6 J	5 U	10 U	10 U
Benzene	1		12.5 U	12.5 U	0.66 J	1 U	1 U	10 U
Bromodichloromethane	50		12.5 U	12.5 U	1 U	1 U	1 U	10 U
Bromoform	50		25 U	25 U	1 U	1 U	1 U	10 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	10 U
Carbon tetrachloride	5		12.5 U	[14.3]	1 U	1 U	1 U	10 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	10 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]	[460]
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	10 U
Ethylbenzene	5		12.5 U	12.5 U	1 U	1 U	1 U	10 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	100 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	10 U
Tetrachloroethene	5		12.5 U	12.5 U	1 U	1 U	1 U	10 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	2.6
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]	[15]
Vinyl chloride	2		[55.5]	[37.2]	[8.7]	[58]	[49]	[52]
Xylenes, Total	5		25 U	25 U	1.8 J	2 U	2 U	20 U

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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 Interval	-	-	-	-	-	-
		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
Class GA GW			ug/l	ug/l	ug/l	ug/l	ug/l	ug/l
Chemical Name	tandards (ug/l)							
1,1,1-Trichloroethane	5		[14]	3.1	[10]	[59]	5 U	10 U
1,1,2,2-Tetrachloroethane	5		1 U	1 U	1 U	1U	5 U	10 U
1,1,2-Trichloroethane	1		1 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	1 U	1 U	1U	5 U	10 U
1,2-Dichloroethene (Total)	5		---	---	---	---	---	---
1,2-Dichloropropane	1		1 U	1 U	1 U	1U	5 U	10 U
2-Hexanone	50		5 U	5 U	5 U	5U	25 U	50 U
4-Methyl-2-pentanone	NS		5 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	1 U	1 U	1U	5 U	10 U
Bromodichloromethane	50		1 U	1 U	1 U	1U	5 U	10 U
Bromoform	50		1 U	1 U	1 U	1U	5 U	10 U
Bromomethane	5		1 U	1 U	1 U	1U	5 U	10 U
Carbon disulfide	60		1 U	1 U	1 U	1U	5 U	10 U
Carbon tetrachloride	5		1 U	1 U	1 U	1U	5 U	10 U
Chlorobenzene	5		1 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	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	1 U	1 U	1U	5 U	10 U
Dibromochloromethane	50		1 U	1 U	1 U	1U	5 U	10 U
Ethylbenzene	5		1 U	1 U	1 U	1U	5 U	10 U
Methyl chloride	5		1 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	1 U	1 U	1U	5 U	10 U
Styrene	5		1 U	1 U	1 U	1U	5 U	10 U
Tetrachloroethene	5		1 U	1 U	1 U	1U	5 U	10 U
Toluene	5		1 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	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	2 U	2 U	2U	10 U	20 U

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

		Location ID	MW-5S	MW-5S	MW-5S	MW-5S	MW-5S	MW-5S
		Depth Interval	-	-	-	-	-	-
		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
Chemical Name	Class GA GW		ug/l	ug/l	ug/l	ug/l	ug/l	ug/l
	standards (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

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

		Location ID	MW-5S	MW-5S	MW-5S	MW-5S	MW-5S	MW-5S
		Depth Interval	-	-	-	-	-	-
		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
Class GA GW			ug/l	ug/l	ug/l	ug/l	ug/l	ug/l
Chemical Name	standards (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

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Data have not been validated

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

		Location ID	MW-5S	MW-5S	MW-5S	MW-5S	MW-5S	MW-5S
		Depth Interval	-	-	-	-	-	-
		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
Class GA GW			ug/l	ug/l	ug/l	ug/l	ug/l	ug/l
Chemical Name	standards (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

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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 Interval	-	-	-	-	-	-
		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
Chemical Name	Class GA GW	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	
	standards (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	

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Table 4
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	MW-05S
		Depth Interval	-	-	-	--	--	--
		Sample Date	9/25/2019	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

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Table 4
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	MW-05S
		Depth Interv:		--	-	-	-	-
		Sample Date	3/25/2021	6/16/2021	9/22/2021	12/22/2021	3/22/2022	6/22/2022
		Sample ID	MW5S032521	MW5S 061621	MW5S 092221	MW5S 122221	MW5S 032222	MW-5S 062222
			µg/L	µg/L	µg/L	µg/L	µg/L	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

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

		Location ID	MW-05S	MW-05S	MW-05S	MW-05S	MW-05S
		Depth Interval	-	---	-	-	---
		Sample Date	9/27/2022	12/21/2022	3/28/2023	6/14/2023	9/19/2023
		Sample ID	MW5S 092722	MW5S122122	MW5S 032823	MW5S 061423	MW5S 091923
Chemical Name	Class GA GW standards (ug/l)		ug/l	ug/l	ug/L	ug/L	ug/l
1,1,1-Trichloroethane	5		4.4	2.6	1.0 U	1U	[5.1]
1,1,2,2-Tetrachloroethane	5		1.0 U	1.0 U	1.0 U	1U	1.0 U
1,1,2-Trichloroethane	1		1.0 U	1.0 U	1.0 U	1U	1.0 U
1,1-Dichloroethane	5		[40]	[15]	1.0 U	[1.2]	[44]
1,1-Dichloroethene	5		2.3	1.3	1.0 U	1U	3.7
1,2-Dichloroethane	0.6		1.0 U	1.0 U F1	1.0 U	1U	1.0 U
1,2-Dichloroethene (Total)	5		---	---	---	---	---
1,2-Dichloropropane	1		1.0 U	1.0 U	1.0 U	1U	1.0 U
2-Hexanone	50		5.0 U	5.0 U *+ F1	5.0 U	5U	5.0 U
4-Methyl-2-pentanone	NS		5.0 U	5.0 U *+ F1	1.0 U	5U	5.0 U
Acetone	50		10 U	10 U F2	10 U	10U	10 U *+
Benzene	1		1.0 U	1.0 U	1.0 U	1U	1.0 U
Bromodichloromethane	50		1.0 U	1.0 U F1	1.0 U	1U	1.0 U
Bromoform	50		1.0 U	1.0 U F1	1.0 U	1U	1.0 U
Bromomethane	5		1.0 U	1.0 U	1.0 U	1U	1.0 U
Carbon disulfide	60		1.0 U	1.0 U	1.0 U	1U	1.0 U
Carbon tetrachloride	5		1.0 U	1.0 U	1.0 U	1U	1.0 U
Chlorobenzene	5		1.0 U	1.0 U	1.0 U	1U	1.0 U
Chloroethane	5		1.0 U	1.0 U	1.0 U	1U	1.0 U
Chloroform	7		1.0 U	1.0 U	1.0 U	1U	1.0 U
cis-1,2-Dichloroethene	5		[33]	[16]	1.0 U	[4.7]	[59]
cis-1,3-Dichloropropene	0.4		1.0 U	1.0 U	1.0 U	1U	1.0 U
Dibromochloromethane	50		1.0 U	1.0 U	1.0 U	1U	1.0 U
Ethylbenzene	5		1.0 U	1.0 U	1.0 U	1U	1.0 U
Methyl chloride	5		1.0 U	1.0 U F1	1.0 U	1U	1.0 U
Methyl ethyl ketone	50		10 U	10 U F1	10 U	10U	10 U
Methylene chloride	5		1.0 U	1.0 U	1.0 U	1U	1.0 U
Styrene	5		1.0 U	1.0 U	1.0 U	1U	1.0 U
Tetrachloroethene	5		1.0 U	1.0 U	1.0 U	1U	1.0 U
Toluene	5		1.0 U	1.0 U	1.0 U	1U	1.0 U
trans-1,2-Dichloroethene	5		1.0 U	1.0 U	1.0 U	1U	3.1
trans-1,3-Dichloropropene	0.4		1.0 U	1.0 U	1.0 U	1U	1.0 U
Trichloroethene	5		[7.0]	[8.2]	1.0 U	0.92 J	[8.6]
Vinyl chloride	2		[7.7]	1.0 U	1.0 U	1U	[4.7]
Xylenes, Total	5		2.0 U	2.0 U	2.0 U	2U	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 Quality Standard, H - Holding time exceeded, --- Not Analyzed
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 Interv.	-	-	-	-	-	-
		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
Class GA GW			ug/l	ug/l	ug/l	ug/l	ug/l	ug/l
Chemical Name	standards (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 Quality 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 Interval	-	-	-	-	-	-
		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 standards (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 Quality 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 Interval	-	-	-	-	-	-
		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-06D_WG_09062005
Chemical Name	Class GA GW standards (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 Quality 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 Interval	-	-	-	-	-	-
		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
Class GA GW			ug/l	ug/l	ug/l	ug/l	ug/l	ug/l
Chemical Name	tandards (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:
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--- Not analyzed, F - MS and/or MSD recovery/RPD exceeds the control limits
[] - Exceeds NYS Class GA Ground Water Quality 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 Interval	-	-	-	-	-	-
		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)	W-6D-01192011	MW-6D-042011	MW-6D-072611	
Chemical Name	Class GA GW standards (ug/l)		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 Quality 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	X-1	MW-6D	MW-6D	MW-6D
		Depth Interval	-	-	-	-	-	-
		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
Chemical Name	Class GA GW		ug/l	ug/l	ug/l	ug/l	ug/l	ug/l
	tandards (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

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Data have not been validated

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

		Location ID	X-1	MW-6D	MW-6D	MW-6D	MW-6D	MW-6D
		Depth Interval	-	-	-	-	-	-
		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
Chemical Name	Class GA GW		ug/l	ug/l	ug/l	ug/l	ug/l	ug/l
	tandards (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:

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Data have not been validated

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

		Location ID	MW-6D	MW-6D	MW-6D	MW-6D	MW-6D	MW-6D
		Depth Interval	-	-	-	-	-	-
		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
Chemical Name	Class GA GW		ug/l	ug/l	ug/l	ug/l	ug/l	ug/l
	tandards (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

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Data have not been validated

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

		Location ID	MW-6D	MW-6D	MW-6D	MW-6D	MW-6D	MW-6D
		Depth Interval	-	-	-	-	-	-
		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
Chemical Name	Class GA GW standards (ug/l)		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

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

		Location ID	MW-6D	MW-06D	MW-06D	MW-06D	MW-06D	MW-06D
		Depth Interval	-	-	-	-	-	-
		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
Class GA GW								
Chemical Name	standards (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	1.0 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

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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 Interval	-	-	-	-	--	--
		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
Chemical Name	Class GA GW standards (ug/l)		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:

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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 standards (ug/l)	Location ID	MW-06D	MW-06D	MW-06D	MW-06D	MW-06D	MW-06D
		Depth Interv.	--	--	--	-	-	-
		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:

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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 Interval	-	-	---	---	---	---
		Sample Date	6/22/2022	9/27/2022	12/21/2022	3/28/2023	6/14/2023	9/18/2023
		Sample ID	MW-6D 062222	MW6D 092722	MW6D122122	MW6D 032823	MW6D 061423	MW6D 091823
Chemical Name	Class GA GW standards (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	1.0 U	1.0 U	1U	1.0 U
1,1,2,2-Tetrachloroethane	5		1.0 U	1.0 U **	1.0 U	1.0 U	1U	1.0 U
1,1,2-Trichloroethane	1		1.0 U	1.0 U	1.0 U	1.0 U	1U	1.0 U
1,1-Dichloroethane	5		0.50 J	0.47 J **	0.51 J	0.59 J	0.5 J	0.56 J
1,1-Dichloroethene	5		1.0 U	1.0 U	1.0 U	1.0 U	1U	1.0 U
1,2-Dichloroethane	0.6		1.0 U	1.0 U **	1.0 U	1.0 U	1U	1.0 U
1,2-Dichloroethene (Total)	5		---	---	---	---	---	---
1,2-Dichloropropane	1		1.0 U	1.0 U **	1.0 U	1.0 U	1U	1.0 U
2-Hexanone	50		5.0 U	5.0 U	5.0 U **	5.0 U	5U	5.0 U
4-Methyl-2-pentanone	NS		5.0 U	5.0 U	5.0 U **	1.0 U	5U	5.0 U
Acetone	50		10 U	10 U	10 U	10 U	10U	10 U
Benzene	1		1.0 U	1.0 U	1.0 U	1.0 U	1U	1.0 U
Bromodichloromethane	50		1.0 U	1.0 U **	1.0 U	1.0 U	1U	1.0 U
Bromoform	50		1.0 U	1.0 U	1.0 U	1.0 U	1U	1.0 U
Bromomethane	5		1.0 U	1.0 U	1.0 U	1.0 U	1U	1.0 U
Carbon disulfide	60		1.0 U	1.0 U	1.0 U	1.0 U	1U	1.0 U
Carbon tetrachloride	5		1.0 U	1.0 U	1.0 U	1.0 U	1U	1.0 U
Chlorobenzene	5		1.0 U	1.0 U	1.0 U	1.0 U	1U	1.0 U
Chloroethane	5		1.0 U	1.0 U	1.0 U	1.0 U	1U	1.0 U
Chloroform	7		1.0 U	1.0 U	1.0 U	1.0 U	1U	1.0 U
cis-1,2-Dichloroethene	5		1.0 U	1.4	1.2	1.2	0.91 J	2.2
cis-1,3-Dichloropropene	0.4		1.0 U	1.0 U **	1.0 U	1.0 U	1U	1.0 U
Dibromochloromethane	50		1.0 U	1.0 U **	1.0 U	1.0 U	1U	1.0 U
Ethylbenzene	5		1.0 U	1.0 U	1.0 U	1.0 U	1U	1.0 U
Methyl chloride	5		1.0 U	1.0 U	1.0 U	1.0 U	1U	1.0 U
Methyl ethyl ketone	50		10 U	10 U **	10 U	10 U	10U	10 U
Methylene chloride	5		1.0 U	1.0 U **	1.0 U	1.0 U	1U	1.0 U
Styrene	5		1.0 U	1.0 U **	1.0 U	1.0 U	1U	1.0 U
Tetrachloroethene	5		1.0 U	1.0 U **	1.0 U	1.0 U	1U	1.0 U
Toluene	5		1.0 U	1.0 U	1.0 U	1.0 U	1U	1.0 U
trans-1,2-Dichloroethene	5		1.0 U	1.0 U	1.0 U	1.0 U	1U	1.0 U
trans-1,3-Dichloropropene	0.4		1.0 U	1.0 U	1.0 U	1.0 U	1U	1.0 U
Trichloroethene	5		1.0 U	1.0 U	1.0 U	1.0 U	1U	1.0 U
Vinyl chloride	2		1.1	1.2	[2.6]	1.8	1.1	[3.2]
Xylenes, Total	5		2.0 U	2.0 U	2.0 U	2.0 U	2U	2.0 U

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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 Interval	-	-	-	-	-	-
		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	N-06S_WG_091797_D	MW-06S_WG_021500
Chemical Name	Class GA GW standards (ug/l)		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

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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 Interv	-	-	-	-	-	-
		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		ug/l	ug/l	ug/l	ug/l	ug/l	ug/l
	standards (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

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 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 Interval	-	-	-	-	-	-
		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-06S_09072005
Chemical Name	Class GA GW standards (ug/l)		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,
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 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 Interval	-	-	-	-	-	-
		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
Chemical Name	Class GA GW standards (ug/l)		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

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Table 4
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	MW-06S	MW-06S
		Depth Interval	-	-	-	-	-	-
		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-1021091021200	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	

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 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-6S	MW-6S	MW-6S
		Depth Interval	-	-	-	-	-	-
		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
Chemical Name	Class GA GW		ug/l	ug/l	ug/l	ug/l	ug/l	ug/l
	tandards (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

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

		Location ID	MW-6S	MW-6S	MW-6S	MW-6S	MW-6S	MW-6S
		Depth Interval	-	-	-	-	-	-
		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
Chemical Name	Class GA GW		ug/l	ug/l	ug/l	ug/l	ug/l	ug/l
	standards (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

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Data have not been validated

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

		Location ID	MW-6S	MW-6S	MW-6S	MW-6S	MW-6S	MW-6S
		Depth Interval	-	-	-	-	-	-
		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
Chemical Name	Class GA GW		ug/l	ug/l	ug/l	ug/l	ug/l	ug/l
	standards (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

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

		Location ID	MW-6S	MW-6S	MW-6S	MW-6S	X-1	MW-6S
		Depth Interval	-	-	-	-	-	-
		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
Chemical Name	Class GA GW		ug/l	ug/l	ug/l	ug/l	ug/l	ug/l
	tandards (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 J	[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 J	[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 Quality 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-6S	MW-06S	MW-06S	MW-06S	MW-06S	MW-06S
		Depth Interval	-	-	-	-	-	-
		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
Chemical Name	Class GA GW standards (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	1.0 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 Quality 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 Interval	-	-	-	-	--	--
		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
Chemical Name	Class GA GW standards (ug/l)		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 Quality 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 standards (ug/l)	Location ID	MW-06S	MW-06S	MW-06S	MW-06S	MW-06S	MW-06S
		Depth Interv.	--	--	--	-	-	-
		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 Quality 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 standards (ug/l)	Location ID	MW-06S	MW-06S	MW-06S	MW-06S	MW-06S	MW-06S
		Depth Interv.	-	-	---	---	---	---
		Sample Date	6/22/2022	9/27/2022	12/21/2022	3/28/2023	6/14/2023	9/19/2023
		Sample ID	MW-6S 062222	MW6S 092722	MW6S122122	MW6S 032823	MW6S 061423	MW6S 091923
			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	1U	1.0 U
1,1,2,2-Tetrachloroethane	5		1.0 U	1.0 U **	1.0 U	1.0 U	1U	1.0 U
1,1,2-Trichloroethane	1		1.0 U	1.0 U	1.0 U	1.0 U	1U	1.0 U
1,1-Dichloroethane	5		1.0 U	1.0 U **	1.0 U	0.58 J	1U	1.0 U
1,1-Dichloroethene	5		1.0 U	1.0 U	1.0 U	1.0 U	1U	1.0 U
1,2-Dichloroethane	0.6		1.0 U	1.0 U **	1.0 U	1.0 U	1U	1.0 U
1,2-Dichloroethene (Total)	5		---	---	---	---	---	---
1,2-Dichloropropane	1		1.0 U	1.0 U **	1.0 U	1.0 U	1U	1.0 U
2-Hexanone	50		5.0 U	5.0 U	5.0 U **	5.0 U	5U	5.0 U
4-Methyl-2-pentanone	NS		5.0 U	5.0 U	5.0 U **	1.0 U	5U	5.0 U
Acetone	50		10 U	10 U	10 U	10 U	10U	10 U **
Benzene	1		1.0 U	1.0 U	1.0 U	1.0 U	1U	1.0 U
Bromodichloromethane	50		1.0 U	1.0 U **	1.0 U	1.0 U	1U	1.0 U
Bromoform	50		1.0 U	1.0 U	1.0 U	1.0 U	1U	1.0 U
Bromomethane	5		1.0 U	1.0 U	1.0 U	1.0 U	1U	1.0 U
Carbon disulfide	60		1.0 U	1.0 U	1.0 U	1.0 U	1U	1.0 U
Carbon tetrachloride	5		1.0 U	1.0 U	1.0 U	1.0 U	1U	1.0 U
Chlorobenzene	5		1.0 U	1.0 U	1.0 U	1.0 U	1U	1.0 U
Chloroethane	5		1.0 U	1.0 U	1.0 U	1.0 U	1U	1.0 U
Chloroform	7		1.0 U	1.0 U	1.0 U	1.0 U	1U	1.0 U
cis-1,2-Dichloroethene	5		[8.2]	[14]	[6.3]	[17]	3.9	4.3
cis-1,3-Dichloropropene	0.4		1.0 U	1.0 U **	1.0 U	1.0 U	1U	1.0 U
Dibromochloromethane	50		1.0 U	1.0 U **	1.0 U	1.0 U	1U	1.0 U
Ethylbenzene	5		1.0 U	1.0 U	1.0 U	1.0 U	1U	1.0 U
Methyl chloride	5		1.0 U	1.0 U	1.0 U	1.0 U	1U	1.0 U
Methyl ethyl ketone	50		10 U	10 U **	10 U	10 U	10U	10 U
Methylene chloride	5		1.0 U	1.0 U **	1.0 U	1.0 U	1U	1.0 U
Styrene	5		1.0 U	1.0 U **	1.0 U	1.0 U	1U	1.0 U
Tetrachloroethene	5		1.0 U	1.0 U **	1.0 U	1.0 U	1U	1.0 U
Toluene	5		1.0 U	1.0 U	1.0 U	1.0 U	1U	1.0 U
trans-1,2-Dichloroethene	5		1.0 U	1.0 U	1.0 U	1.0 U	1U	1.0 U
trans-1,3-Dichloropropene	0.4		1.0 U	1.0 U	1.0 U	1.0 U	1U	1.0 U
Trichloroethene	5		1.0 U	1.0 U	1.0 U	1.0 U	[4.8]	1.0 U
Vinyl chloride	2		1.0 U	[32]	[11]	[22]	1U	1.9
Xylenes, Total	5		2.0 U	2.0 U	2.0 U	2.0 U	2U	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 Quality 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 Stds	Location ID	MW-06DD	MW-06DD	MW-06DD	MW-06DD	MW-06DD	MW-06DD
		Depth Interval	60 - 62	69 - 70	80 - 81	-	60 - 62	60 - 62
		Sample Date	7/29/2003	7/29/2003	7/29/2003	2/4/2004	5/18/2004	8/5/2004
		Sample ID	MW-06DD WG 072903 ug/l	MW-06DD WG 072903 ug/l	MW-06DD WG 072903 ug/l	MW-06DD_WG_020404 ug/l	MW-06DD WG 051804 ug/l	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:
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Data have not been validated

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

Chemical Name	Class GA GW Stds	Location ID Depth Interval Sample Date Sample ID	MW-06DD	MW-06DD	MW-06DD	MW-06DD	MW-06DD	MW-06DD
			60 - 62	60 - 62	60 - 62	-	-	-
			11/16/2004	2/15/2005	4/18/2005	9/6/2005	11/14/2005	4/25/2006
			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

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

Chemical Name	Class GA	GW Stds	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

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

Chemical Name	GW Stds (ug/l)	Class GA	Sample ID	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
					N-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

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

Chemical Name	Class GA	GW Stds (ug/l)	Location ID	MW-6DD	MW-6DD	MW-6DD	MW-6DD	MW-6DD	MW-6DD
			Depth Interval						
			Sample Date	8/7/2012	12/19/2012	5/21/2013	8/21/2013	12/18/2013	3/25/2014
			Sample ID	MW6DD080712	MW-6DD-121912	MW-6DD-052113	MW-6DD-082113	MW-6DD-121813	MW-6DD-032514
				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			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

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Niagara Falls, New York

Chemical Name	Class GA	Depth Interval	Location ID	MW-6DD	MW-6DD	MW-6DD	MW-6DD	MW-6DD	MW-6DD
			Sample Date	6/10/2014	9/23/2014	12/9/2014	3/17/2015	6/24/2015	9/22/2015
			Sample ID	MW-6DD-061014	MW6DD092314	MW 6DD 120914	MW6DD 031715	MW6DD 062515	MW6DD 092215
			GW Stds (ug/l)	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			0.92 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

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Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Location ID		MW-6DD	MW-6DD	MW-6DD	MW-6DD	MW-6DD	MW-6DD
	Depth Interval		-	-	-	-	-	-
	Sample Date		1/12/2016	3/29/2016	6/21/2016	9/20/2016	12/20/2016	4/11/2017
	Class GA	Sample ID	MW6DD 011216	MW6DD 032916	MW6DD 062116	MW6DD 092016	MW6DD 122016	MW6DD 041117
GW Stds			ug/l	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		0.43 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 Quality 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	Location ID		MW-6DD	MW-6DD	MW-6DD	MW-06DD	MW-06DD	MW-6DD
	Depth Interval		-	-	-	-	-	-
	Sample Date		6/28/2017	9/12/2017	12/20/2017	3/15/2018	6/20/2018	9/19/2018
	Class GA	Sample ID	MW6DD 062817	MW6DD 091217	MW6DD 122017	MW 6DD 031518	MW 6DD 062018	MW 6DD 091918
GW Stds			ug/l	ug/l	ug/l	ug/l	ug/l	ug/l
(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:
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--- Not analyzed, F - MS and/or MSD recovery/RPD exceeds the control limits
[] - Exceeds NYS Class GA Ground Water Quality 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-6DD	MW-6DD	MW-6DD	MW-6DD	MW-6DD	MW-6DD
	Depth Interval	-	-	-	-	-	-
	Sample Date	11/28/2018	3/20/2019	6/19/2019	6/19/2019	9/24/2019	12/19/2019
	Class GA	MW-6DD-112818	MW-6DD-032019	MW-6DD-062119	MW-6DD-062119	MW-6DD-092419	MW-6DD-121919
	GW Stds	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l
Chemical Name	(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:
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 Data have not been validated

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

	Location ID	MW-06DD	MW-06DD	MW-06DD	MW-06DD	MW-06DD	MW-06DD
	Depth Interval	-	--	--	--		--
	Sample Date	3/17/2020	6/16/2020	9/22/2020	12/15/2020	3/23/2021	6/15/2021
	Class GA	MW 6DD 031720	MW6DD 061620	MW6DD 092220	MW6DD 121520	MW-6DD_032321	MW6DD 061521
	GW Stds	ug/l	µg/L	µg/L	µg/L	ug/l	µg/L
Chemical Name	(ug/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:
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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	Location ID		MW-06DD	MW-06DD	MW-06DD	MW-06DD	MW-06DD	MW-06DD
	Depth Interval		-	-	-	-	-	---
	Sample Date		9/21/2021	12/21/2021	3/22/2022	6/22/2022	9/27/2022	12/21/2022
	Class GA	Sample ID	MW6DD 092121	MW6DD 122121	MW6DD 032222	MW-6DD 062222	MW6DD 092722	MW6DD122122
	GW Stds		ug/l	ug/l	ug/l	ug/l	ug/l	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:
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 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-06DD	MW-06DD	MW-06DD	MW-06DD
			-	-	---	---
			3/28/2023	6/14/2023	9/19/2023	9/19/2023
			MW6DD 032823	MW6DD 061423	MW6DD 091923	DUP 091923
			ug/L	ug/L	ug/l	ug/l
1,1,1-Trichloroethane	5		1.0 U	1U	1.0 U	1.0 U
1,1,2,2-Tetrachloroethane	5		1.0 U	1U	1.0 U	1.0 U
1,1,2-Trichloroethane	1		1.0 U	1U	1.0 U	1.0 U
1,1-Dichloroethane	5		1.0 U	1U	1.0 U	0.38 J
1,1-Dichloroethene	5		1.0 U	1U	1.0 U	1.0 U
1,2-Dichloroethane	0.6		1.0 U	1U	1.0 U	1.0 U
1,2-Dichloroethene (Total)	5		---	---	---	---
1,2-Dichloropropane	1		1.0 U	1U	1.0 U	1.0 U
2-Hexanone	50		5.0 U	5U	5.0 U	5.0 U
4-Methyl-2-pentanone	NS		1.0 U	5U	5.0 U	5.0 U
Acetone	50		10 U	10U	10 U *+	10 U *+
Benzene	1		1.0 U	1U	1.0 U	1.0 U
Bromodichloromethane	50		1.0 U	1U	1.0 U	1.0 U
Bromoform	50		1.0 U	1U	1.0 U	1.0 U
Bromomethane	5		1.0 U	1U	1.0 U	1.0 U
Carbon disulfide	60		1.0 U	1U	1.0 U	1.0 U
Carbon tetrachloride	5		1.0 U	1U	1.0 U	1.0 U
Chlorobenzene	5		1.0 U	1U	1.0 U	1.0 U
Chloroethane	5		1.0 U	1U	1.0 U	1.0 U
Chloroform	7		1.0 U	1U	1.0 U	1.0 U
cis-1,2-Dichloroethene	5		[13]	[19]	[18]	[18]
cis-1,3-Dichloropropene	0.4		1.0 U	1U	1.0 U	1.0 U
Dibromochloromethane	50		1.0 U	1U	1.0 U	1.0 U
Ethylbenzene	5		1.0 U	1U	1.0 U	1.0 U
Methyl chloride	5		1.0 U	1U	1.0 U	1.0 U
Methyl ethyl ketone	50		10 U	10U	10 U	10 U
Methylene chloride	5		1.0 U	1U	1.0 U	1.0 U
Styrene	5		1.0 U	1U	1.0 U	1.0 U
Tetrachloroethene	5		1.0 U	1U	1.0 U	1.0 U
Toluene	5		1.0 U	1U	1.0 U	1.0 U
trans-1,2-Dichloroethene	5		1.0 U	1U	1.0 U	1.0 U
trans-1,3-Dichloropropene	0.4		1.0 U	1U	1.0 U	1.0 U
Trichloroethene	5		1.0 U	1U	1.0 U	1.0 U
Vinyl chloride	2		1.3	[3.8]	[5.6]	[5.7]
Xylenes, Total	5		2.0 U	2U	2.0 U	2.0 U

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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	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
	Class GA	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
GW Stds		ug/l	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:
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Data have not been validated



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

		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
		Class GA	MW-07S_WG_112801	MW-07S_WG_022502	MW-07S_WG_051602	MW-07S_WG_072903	MW-07S_WG_020304	MW-07S_WG_051704
		GW Stds						
Chemical Name	(ug/l)		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:
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Table 4
Groundwater Data - VOCs
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	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
	Class GA	Sample ID	MW-07S_WG_080404	MW-07S_WG_111504	MW-07S_WG_021405	MW-07S_WG_041805	MW-7S_09082005	MW-7S_11162005
	GW Stds		ug/l	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

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

Chemical Name	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
	Class GA	Sample ID	MW-7S_04262006	MW-7S_11152006	MW-7S_050207	MW 7-S-103107	MW 7-S-052108	MW 7-S-112008
	GW Stds (ug/l)		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

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

Chemical Name	GW Stds (ug/l)	Class GA	Sample ID	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
					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:
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[] - Exceeds NYS Class GA Ground Water Quality 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	GW Stds (ug/l)	Class GA	Sample ID	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
					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

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 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	GW Stds (ug/l)	Class GA	Sample ID	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
					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

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Data have not been validated



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

Chemical Name	Location ID		MW-7S	MW-7S	MW-7S	X-1	MW-7S	MW-7S
	Depth Interval		-	-	-	-	-	-
	Sample Date		9/23/2015	1/13/2016	3/29/2016	3/29/2016	6/2/2016	9/21/2016
	Class GA	Sample ID	MW7S 092315	MW7S 011216	MW7S 032916	MW7S 032916	MW7S 062216	MW7S 092116
GW Stds			ug/l	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	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

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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	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
	Class GA	Sample ID	MW7S 122116	MW7S 041217	MW7S 062817	MW7S 091317	MW7S 122017	MW 7S 031418
GW Stds			ug/l	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

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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	Location ID		MW-07S	MW-07S	MW-07S	MW-07S	MW-07S	MW-07S
	Depth Interval		-	-	-	-	-	-
	Sample Date		6/19/2018	9/18/2018	11/28/2018	3/19/2019	3/19/2019	6/20/2019
	Class GA	Sample ID	MW 7S 061918	MW 7S 091818	MW-7S-112818	MW-7S-031919	X-1-031919	MW-7S-062019
	GW Stds		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		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

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[] - Exceeds NYS Class GA Ground Water Quality 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	Location ID		MW-07S	MW-07S	MW-07S	MW-07S	MW-07S	MW-07S
	Depth Interval		-	-	-	-	-	--
	Sample Date		6/20/2019	9/24/2019	12/18/2019	12/18/2019	3/18/2020	6/17/2020
	Class GA	Sample ID	X-1-062019	MW-7S-092419	MW-7S-121819	X-1-121819	MW 7S 031820	MW7S061720
GW Stds			ug/l	ug/l	ug/l	ug/l	ug/l	µg/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		0.47 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:

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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-07S	MW-07S	MW-07S	MW-07S	MW-07S	MW-07S
	Depth Interval	--	--	--	--	-	-
	Sample Date	9/24/2020	12/15/2020	3/25/2021	6/15/2021	9/22/2021	12/21/2021
	Class GA	MW7S092420	MW7S 121520	MW7S032521	MW7S 061521	MW7S 092221	MW7S 122121
	GW Stds	µg/L	µg/L	ug/l	µg/L	ug/l	ug/l
Chemical Name	(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

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Data have not been validated



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

Chemical Name	Location ID		MW-07S	MW-07S	MW-07S	MW-07S	MW-07S	MW-07S	MW-07S
	Depth Interval		-	-	-	-	-	-	-
	Sample Date		3/23/2022	6/23/2022	9/28/2022	12/22/2022	3/29/2023	6/15/2023	9/20/2023
	Class GA	Sample ID	MW7S 032322	MW-7S 062322	MW7S 092822	MW7S122222	MW7S 032923	MW7S 061523	MW7S 092023
GW Stds			ug/l	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	1.0 U	1.0 U	1.0 U	1U	2.0 U
1,1,2,2-Tetrachloroethane	5		1.0 U	1.0 U	1.0 U **	1.0 U	1.0 U	1U	2.0 U
1,1,2-Trichloroethane	1		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1U	2.0 U
1,1-Dichloroethane	5		1.0 U	1.0 U	1.0 U **	1.0 U	1.0 U	1U	2.0 U
1,1-Dichloroethene	5		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1U	2.0 U
1,2-Dichloroethane	0.6		1.0 U	1.0 U	1.0 U **	1.0 U	1.0 U	1U	2.0 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	1U	2.0 U
2-Hexanone	50		5.0 U	5.0 U	5.0 U	5.0 U **	5.0 U	5U	10 U
4-Methyl-2-pentanone	NS		5.0 U	5.0 U	5.0 U	5.0 U **	1.0 U	5U	10 U
Acetone	50		10 U	10 U	10 U	10 U	10 U	10U	20 U
Benzene	1		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1U	2.0 U
Bromodichloromethane	50		1.0 U	1.0 U	1.0 U **	1.0 U	1.0 U	1U	2.0 U
Bromoform	50		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1U	2.0 U
Bromomethane	5		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1U	2.0 U
Carbon disulfide	60		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1U	2.0 U
Carbon tetrachloride	5		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1U	2.0 U
Chlorobenzene	5		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1U	2.0 U
Chloroethane	5		1.0 U *1	1.0 U	1.0 U	1.0 U	1.0 U	1U	2.0 U
Chloroform	7		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1U	2.0 U
cis-1,2-Dichloroethene	5		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1U	2.0 U
cis-1,3-Dichloropropene	0.4		1.0 U	1.0 U	1.0 U **	1.0 U	1.0 U	1U	2.0 U
Dibromochloromethane	50		1.0 U	1.0 U	1.0 U **	1.0 U	1.0 U	1U	2.0 U
Ethylbenzene	5		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1U	2.0 U
Methyl chloride	5		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1U	2.0 U
Methyl ethyl ketone	50		10 U	10 U	10 U **	10 U	10 U	10U	20 U
Methylene chloride	5		1.0 U	1.0 U	1.0 U **	1.0 U	1.0 U	1U	1.2 J
Styrene	5		1.0 U	1.0 U	1.0 U **	1.0 U	1.0 U	1U	2.0 U
Tetrachloroethene	5		1.0 U	1.0 U	0.60 J **	1.0 U	1.0 U	1U	2.0 U
Toluene	5		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1U	2.0 U
trans-1,2-Dichloroethene	5		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1U	2.0 U
trans-1,3-Dichloropropene	0.4		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1U	2.0 U
Trichloroethene	5		0.93 J	0.75 J	1.4	1.0	0.60 J	1U	2.0 U
Vinyl chloride	2		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1U	2.0 U
Xylenes, Total	5		2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2U	4.0 U

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Data have not been validated

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

	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
	Class GA	MW-07D_WG_092195	MW-07D_WG_111495	MW-07D_WG_072397	MW-07D_WG_091897	MW-07D_WG_021800	MW-07D_WG_081601
	GW Stds	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l
Chemical Name	(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

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 Data have not been validated



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

Chemical Name	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
	Class GA	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
	GW Stds		ug/l	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

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

Chemical Name	Class GA	GW Stds	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-07D_09082005	MW-07D_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

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

Chemical Name	Class GA	GW Stds	Location ID	MW-07D	MW-07D	MW-07D	MW-07D	MW-07D	MW-07D
			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-7D_04262006	MW-7D_11152006	MW-7D_050207	MW 7-D-103107	MW 7-D-052108	MW 7-D-112008
		(ug/l)		ug/l	ug/l	ug/l	ug/l	ug/l	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

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

Chemical Name	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
	Class GA	Sample ID	MW-7D-10202009	W-7D-0517100517201	MW 7-D-01182011	MW-7D-041911	MW-7D072711	MW7D102511
	GW Stds (ug/l)		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

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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

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

Chemical Name	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
	Class GA	Sample ID	MW-7D-121713	MW-7D-032614	MW-7D-061114	MW7D092414	MW 7D 121014	MW7D031815
	GW Stds (ug/l)		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

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

Chemical Name	Location ID		MW-7D	MW-7D	MW-7D	MW-7D	MW-7D	MW-7D
	Depth Interval		-	-	-	-	-	-
	Sample Date		6/24/2015	9/23/2015	1/13/2016	3/29/2016	6/22/2016	9/21/2016
	Class GA	Sample ID	MW7D062415	MW7D 092315	MW7D 011316	MW7D 032916	MW7D 062216	MW7D 092116
GW Stds			ug/l	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	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

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

Chemical Name	Location ID		MW-7D	MW-7D	MW-7D	MW-7D	MW-7D	MW-07D
	Depth Interval		-	-	-	-	-	-
	Sample Date		12/21/2016	4/12/2017	6/28/2017	9/13/2017	12/20/2017	3/14/2018
	Class GA	Sample ID	MW7D 122116	MW7D 041217	MW7D 062817	MW7D 091317	MW7D 122017	MW 7D 031418
	GW Stds (ug/l)		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		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:

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Data have not been validated

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

Chemical Name	Class GA	Depth Interval	Location ID	MW-07D	X-1	MW-07D	MW-07D	MW-07D	MW-07D
			Sample Date	-	-	-	-	-	-
			Sample ID	6/19/2018	6/19/2018	9/18/2018	11/28/2018	3/19/2019	6/20/2019
			GW Stds	MW 7D 061918	MW 7D 061918	MW 7D 091818	MW-7D-112818	MW-7D-031919	MW-7D-062019
			(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	1.0 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

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Data have not been validated

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

		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
		Class GA	MW-7D-092419	MW-7D-121819	MW 7D 031820	MW7D061720	MW7D092420	MW7D 121520
		GW Stds						
Chemical Name	(ug/l)		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

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

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

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

Chemical Name	Location ID		MW-07D	MW-07D	MW-07D	MW-07D	MW-07D
	Depth Interval		-	---	---	---	---
	Sample Date		9/28/2022	12/22/2022	3/29/2023	6/15/2023	9/20/2023
	Class GA	Sample ID	MW7D 092822	MW7D122222	MW7D 032923	MW7D 061523	MW7D 092023
	GW Stds		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	1U	1.0 U
1,1,2,2-Tetrachloroethane	5		1.0 U **	1.0 U	1.0 U	1U	1.0 U
1,1,2-Trichloroethane	1		1.0 U	1.0 U	1.0 U	1U	1.0 U
1,1-Dichloroethane	5		1.0 U **	1.0 U	1.0 U	1U	1.0 U
1,1-Dichloroethene	5		1.0 U	1.0 U	1.0 U	1U	1.0 U
1,2-Dichloroethane	0.6		1.0 U **	1.0 U	1.0 U	1U	1.0 U
1,2-Dichloroethene (Total)	5		---	---	---	---	---
1,2-Dichloropropane	1		1.0 U **	1.0 U	1.0 U	1U	1.0 U
2-Hexanone	50		5.0 U	5.0 U **	5.0 U	5U	5.0 U
4-Methyl-2-pentanone	NS		5.0 U	5.0 U **	1.0 U	5U	5.0 U
Acetone	50		10 U	10 U	10 U	10U	10 U
Benzene	1		1.0 U	1.0 U	1.0 U	1U	1.0 U
Bromodichloromethane	50		1.0 U **	1.0 U	1.0 U	1U	1.0 U
Bromoform	50		1.0 U	1.0 U	1.0 U	1U	1.0 U
Bromomethane	5		1.0 U	1.0 U	1.0 U	1U	1.0 U
Carbon disulfide	60		1.0 U	1.0 U	1.0 U	1U	1.0 U
Carbon tetrachloride	5		1.0 U	1.0 U	1.0 U	1U	1.0 U
Chlorobenzene	5		1.0 U	1.0 U	1.0 U	1U	1.0 U
Chloroethane	5		1.0 U	1.0 U	1.0 U	1U	1.0 U
Chloroform	7		1.0 U	1.0 U	1.0 U	1U	1.0 U
cis-1,2-Dichloroethene	5		1.0 U	1.0 U	1.0 U	1U	1.0 U
cis-1,3-Dichloropropene	0.4		1.0 U **	1.0 U	1.0 U	1U	1.0 U
Dibromochloromethane	50		1.0 U **	1.0 U	1.0 U	1U	1.0 U
Ethylbenzene	5		1.0 U	1.0 U	1.0 U	1U	1.0 U
Methyl chloride	5		1.0 U	1.0 U	1.0 U	1U	1.0 U
Methyl ethyl ketone	50		10 U **	10 U	10 U	10U	10 U
Methylene chloride	5		1.0 U **	1.0 U	1.0 U	1U	1.0 U
Styrene	5		1.0 U **	1.0 U	1.0 U	1U	1.0 U
Tetrachloroethene	5		0.37 J **	1.0 U	1.0 U	1U	1.0 U
Toluene	5		1.0 U	1.0 U	1.0 U	1U	1.0 U
trans-1,2-Dichloroethene	5		1.0 U	1.0 U	1.0 U	1U	1.0 U
trans-1,3-Dichloropropene	0.4		1.0 U	1.0 U	1.0 U	1U	1.0 U
Trichloroethene	5		0.97 J	0.87 J	1.0 U	1U	0.90 J
Vinyl chloride	2		1.0 U	1.0 U	1.0 U	1U	1.0 U
Xylenes, Total	5		2.0 U	2.0 U	2.0 U	2U	2.0 U

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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	MW-07DD	MW-07DD	MW-07DD_WG_020404	MW-07DD	MW-07DD
		Sample ID	WG 072903 ug/l	WG 072903 ug/l	WG 072903 ug/l	WG 020404 ug/l	WG 051804 ug/l	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

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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)_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		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

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

Chemical Name	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
	Class GA	Sample ID	MW-7DD(2)_11152006	MW-7DD (2)_050207	MW 7-DD 2-103107	MW 7-DD 2-052208	MW 7-DD 2-112008	MW-7DD-10202009
	GW Stds		ug/l	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

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

		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
		Class GA	N-7DD-051710051720	MW-7DD-01182011	MW-7DD-041911	MW-7DD072711	MW7DD102611	MW7DD032112
		GW Stds	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l
Chemical Name	(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

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

Chemical Name	Class GA	GW Stds (ug/l)	Location ID	MW-7DD	MW-7DD	X-1	MW-7DD	MW-7DD	MW-7DD
			Depth Interval						
			Sample Date	8/8/2012	12/18/2012	12/18/2012	5/23/2013	8/20/2013	12/17/2013
			Sample ID	MW7DD080812	MW-7DD-121812	MW-7DD-121812	MW-7DD-052313	MW-7DD-082013	MW-7DD-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	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

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

Chemical Name	Location ID		MW-7DD	MW-7DD	MW-7DD	MW-7DD	MW-7DD	MW-7DD
	Depth Interval		-	-	-	-	-	-
	Sample Date		3/26/2014	6/11/2014	9/24/2014	12/10/2014	3/18/2015	6/24/2015
	Class GA	Sample ID	MW-7DD-032614	MW-7DD-061114	MW7DD092414	MW 7DD 121014	MW7DD031815	MW7DD062415
	GW Stds		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	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
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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	Location ID		MW-7DD	MW-7DD	MW-7DD	MW-7DD	MW-7DD	MW-7DD
	Depth Interval		-	-	-	-	-	-
	Sample Date		9/23/2015	1/13/2016	3/29/2016	6/22/2016	9/21/2016	12/20/2016
	Class GA	Sample ID	MW7DD 092315	MW7DD 011316	MW7DD 032916	MW7DD 062216	MW7DD 092116	MW7DD 122016
GW Stds			ug/l	ug/l	ug/l	ug/l	ug/l	ug/l
(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:

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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	Location ID		MW-7DD	MW-7DD	MW-7DD	MW-7DD	MW-7DD	MW-7DD
	Depth Interval		-	-	-	-	-	-
	Sample Date		4/12/2017	6/28/2017	9/13/2017	12/20/2017	3/14/2018	6/19/2018
	Class GA	Sample ID	MW7DD 041217	MW7DD 062817	MW7DD 091317	MW7DD 122017	X-1 031418	MW 7DD 061918
	GW Stds		ug/l	ug/l	ug/l	ug/l	ug/l	ug/l
(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

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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	Location ID Depth Interval Sample Date Sample ID	MW-7DD	MW-7DD	MW-7DD	MW-7DD	MW-7DD	MW-7DD
			-	-	-	-	-	-
			9/18/2018	11/28/2018	3/19/2019	6/20/2019	9/24/2019	12/18/2019
			MW 7DD 091818	MW-7DD-112818	MW-7DD-031919	MW-7DD-062019	MW-7DD-092419	MW-7DD-121819
GW Stds (ug/l)			ug/l	ug/l	ug/l	ug/l	ug/l	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

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

	Location ID	MW-07DD	MW-07DD	MW-07DD	MW-07DD	MW-07DD	MW-07DD
	Depth Interval	-	--	--	--	--	--
	Sample Date	3/18/2020	6/17/2020	6/17/2020	12/15/2020	3/24/2021	6/15/2021
	Class GA	Sample ID	MW 7DD 031820	MW7DD061720	MW7DD061720	MW7DD 121520	MW7DD(2)032421
	GW Stds		ug/l	µg/L	µg/L	µg/L	ug/l
Chemical Name	(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	10 U	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 U	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		0.62 J	0.6 J	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

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

Chemical Name	Location ID		MW-07DD	MW-07DD	MW-07DD	MW-07DD	MW-07DD	MW-07DD
	Depth Interval		-	-	-	-	-	---
	Sample Date		9/23/2021	12/21/2021	3/23/2022	6/23/2022	9/28/2022	12/22/2022
	Class GA	Sample ID	MW7DD 092321	MW7DD 122121	MW7DD 032322	MW-7DD-2 062322	MW7DD 092822	MW7DD122222
	GW Stds		ug/l	ug/l	µg/L	ug/l	ug/l	ug/l
(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

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 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	MW-07DD	MW-07DD
			-	-	---
			3/29/2023	6/15/2023	9/19/2023
			MW7DD 032923 ug/L	MW7DD 061523 ug/L	MW7DD 091923 ug/l
1,1,1-Trichloroethane	5		1.0 U	1U	1.0 U
1,1,2-Tetrachloroethane	5		1.0 U	1U	1.0 U
1,1,2-Trichloroethane	1		1.0 U	1U	1.0 U
1,1-Dichloroethane	5		1.0 U	1U	1.0 U
1,1-Dichloroethene	5		1.0 U	1U	1.0 U
1,2-Dichloroethane	0.6		1.0 U	1U	1.0 U
1,2-Dichloroethene (Total)	5		---	---	---
1,2-Dichloropropane	1		1.0 U	1U	1.0 U
2-Hexanone	50		5.0 U	5U	5.0 U
4-Methyl-2-pentanone	NS		1.0 U	5U	5.0 U
Acetone	50		10 U	10U	10 U *+
Benzene	1		1.0 U	1U	1.0 U
Bromodichloromethane	50		1.0 U	1U	1.0 U
Bromoform	50		1.0 U	1U	1.0 U
Bromomethane	5		1.0 U	1U	1.0 U
Carbon disulfide	60		1.0 U	1U	1.0 U
Carbon tetrachloride	5		1.0 U	1U	1.0 U
Chlorobenzene	5		1.0 U	1U	1.0 U
Chloroethane	5		1.0 U	1U	1.0 U
Chloroform	7		1.0 U	1U	1.0 U
cis-1,2-Dichloroethene	5		1.0 U	1U	1.0 U
cis-1,3-Dichloropropene	0.4		1.0 U	1U	1.0 U
Dibromochloromethane	50		1.0 U	1U	1.0 U
Ethylbenzene	5		1.0 U	1U	1.0 U
Methyl chloride	5		1.0 U	1U	1.0 U
Methyl ethyl ketone	50		10 U	10U	10 U
Methylene chloride	5		1.0 U	1U	1.0 U
Styrene	5		1.0 U	1U	1.0 U
Tetrachloroethene	5		1.0 U	1U	1.0 U
Toluene	5		1.0 U	1U	1.0 U
trans-1,2-Dichloroethene	5		1.0 U	1U	1.0 U
trans-1,3-Dichloropropene	0.4		1.0 U	1U	1.0 U
Trichloroethene	5		1.0 U	1U	1.0 U
Vinyl chloride	2		1.0 U	1U	1.0 U
Xylenes, Total	5		2.0 U	2U	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 Quality 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	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
	Class GA	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
GW Stds			ug/l	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 Quality 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		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	
		Class GA	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						
GW Stds (ug/l)				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	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	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	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	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	0.1 J	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	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	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	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	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	10 U	10 U	10 U	10 U	1 J	1 J
Benzene	1			0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	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	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	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	1 U	1 U	1 U	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	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	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	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	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	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]	[5]	[5]	[5]	[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	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	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	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	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	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	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	0.5 U	0.5 U	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	0.7	0.7	0.7	0.7	0.7	0.6	0.6
Toluene	5			0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	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	0.1 J	0.1 J	0.2 J	0.2 J	0.2 J	0.2 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	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Trichloroethene	5			3	[6]	[6]	[6]	[5]	[5]	[5]	[5]	[5]	[5]	3	3
Vinyl chloride	2			1	1	1 J	[2]	0.9 J	0.9 J	0.9 J	0.9 J	0.9 J	0.9 J	1	1
Xylenes, Total	5			0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U

NOTES:
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 Data have not been validated

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

Chemical Name	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
	Class GA	Sample ID	MW-08S_WG_080404	MW-08S_WG_111604	MW-08S_WG_021505	MW-08S_WG_041905	MW-8S_09072005	MW-8S_11162005
	GW Stds (ug/l)		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:
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Data have not been validated



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

Chemical Name	Location ID		MW-08S	MW-08S	MW-08S	MW-08S	MW-08S	MW-08S
	Depth Interval		-	-	-	-	-	-
	Sample Date		4/26/2006	11/15/2006	5/2/2007	11/1/2007	5/22/2008	11/18/2008
	Class GA	Sample ID	MW-8S_04262006	MW-8S_11152006	MW-8S_050207	MW8-S-110107	MW8-S-052208	MW8-S-111808
GW Stds			ug/l	ug/l	ug/l	ug/l	ug/l	ug/l
(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 Quality 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	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
	Class GA	Sample ID	MW-8S-10202009	W-8S-0518100518201	MW-8S-01182011	MW-8S-041911	MW-8S072711	MW8S102511
GW Stds			ug/l	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:

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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	Location ID		MW-08S	MW-8S	MW-8S	MW-8S	MW-8S	X-1-082013
	Depth Interval		-	-	-	-	-	-
	Sample Date		3/21/2012	8/8/2012	12/18/2012	5/22/2013	8/20/2013	8/20/2013
	Class GA	Sample ID	MW8S032112	MW8S080812	MW-8S-121812	MW-8S-052313	MW-8S-082013	MW-8S-082013
GW Stds			ug/l	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		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

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--- Not analyzed, F - MS and/or MSD recovery/RPD exceeds the control limits

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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	Location ID		MW-8S	MW-8S	MW-8S	MW-8S	MW-8S	MW-8S
	Depth Interval		-	-	-	-	-	-
	Sample Date		12/17/2013	3/26/2014	6/11/2014	9/24/2014	12/10/2014	3/17/2015
	Class GA	Sample ID	MW-8S-121713	MW-8S-032614	MW-8S-061114	MW8S092414	MW 8S 121014	MW8S 031715
GW Stds			ug/l	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		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		0.64 J	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

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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	Location ID		MW-8S	MW-8S	MW-8S	MW-8S	MW-8S	MW-8S
	Depth Interval		-	-	-	-	-	-
	Sample Date		6/24/2015	9/23/2015	1/13/2016	3/29/2016	6/22/2016	9/21/2016
	Class GA	Sample ID	MW8S 062415	MW8S 092315	MW8S 011316	MW8S 032916	MW8S 062216	MW8S 092116
GW Stds			ug/l	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		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

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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	Location ID		MW-8S	MW-8S	MW-8S	MW-8S	MW-8S	MW-08S
	Depth Interval		-	-	-	-	-	-
	Sample Date		12/21/2016	4/12/2017	6/28/2017	9/13/2017	12/20/2017	3/14/2018
	Class GA	Sample ID	MW8S 122116	MW8S 041217	MW8S 062817	MW8S 091317	MW8S 122017	MW 8S 031418
GW Stds			ug/l	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 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

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Data have not been validated

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

Chemical Name	Location ID		MW-08S	MW-08S	MW-08S	MW-08S	MW-08S	MW-08S
	Depth Interval		-	-	-	-	-	-
	Sample Date		6/19/2018	9/18/2018	11/28/2018	3/19/2019	6/20/2019	9/24/2019
	Class GA	Sample ID	MW 8S 061918	MW 8S 061918	MW-8S-112818	MW-8S-031919	MW-8S-062019	MW-8S-092419
GW Stds			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		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 Quality 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	Location ID		MW-08S	MW-08S	MW-08S	MW-08S	MW-08S	MW-08S
	Depth Interval		-	-	--	--	--	--
	Sample Date		12/18/2019	3/18/2020	6/17/2020	9/24/2020	12/15/2020	3/25/2021
	Class GA	Sample ID	MW-8S-121819	MW-8S 031720	MW8S061720	MW8S092420	MW8S 121520	MW8S032521
	GW Stds		ug/l	ug/l	µg/L	µg/L	µg/L	ug/l
(ug/l)								
1,1,1-Trichloroethane	5		1 U	1 U	1 U	1 U	1 U	1U
1,1,1,2,2-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 Quality 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	Location ID	MW-08S	MW-08S	MW-08S	MW-08S	MW-08S	MW-08S
	Depth Interval	--	-	-	-	-	-
	Sample Date	6/15/2021	9/22/2021	12/21/2021	3/23/2022	6/23/2022	9/28/2022
	Class GA Sample ID	MW8S 061521	MW8S 092221	MW8S 122121	MW8S 032322	MW-8S 062322	MW8S 092822
GW Stds		µg/L	ug/l	ug/l	ug/l	ug/l	ug/l
(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 Quality 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	Depth Interval	Location ID	MW-08S	MW-08S	MW-08S	MW-08S	MW-08S
			Sample Date	9/28/2022	12/22/2022	3/29/2023	6/15/2023	9/19/2023
			Sample ID	X-1 092822	MW8S122222	MW8S 032923	MW8S 061523	MW8S 091923
			GW Stds	ug/l	ug/l	ug/L	ug/L	ug/l
1,1,1-Trichloroethane	5			1.0 U	1.0 U	1.0 U	1U	1.0 U
1,1,2,2-Tetrachloroethane	5			1.0 U **	1.0 U	1.0 U	1U	1.0 U
1,1,2-Trichloroethane	1			1.0 U	1.0 U	1.0 U	1U	1.0 U
1,1-Dichloroethane	5			1.0 U **	1.0 U	1.0 U	1U	1.0 U
1,1-Dichloroethene	5			1.0 U	1.0 U	1.0 U	1U	1.0 U
1,2-Dichloroethane	0.6			1.0 U **	1.0 U	1.0 U	1U	1.0 U
1,2-Dichloroethene (Total)	5			---	---	---	---	---
1,2-Dichloropropane	1			1.0 U **	1.0 U	1.0 U	1U	1.0 U
2-Hexanone	50			5.0 U	5.0 U **	5.0 U	5U	5.0 U
4-Methyl-2-pentanone	NS			5.0 U	5.0 U **	1.0 U	5U	5.0 U
Acetone	50			10 U	10 U	10 U	10U	10 U **
Benzene	1			1.0 U	1.0 U	1.0 U	1U	1.0 U
Bromodichloromethane	50			1.0 U **	1.0 U	1.0 U	1U	1.0 U
Bromoform	50			1.0 U	1.0 U	1.0 U	1U	1.0 U
Bromomethane	5			1.0 U	1.0 U	1.0 U	1U	1.0 U
Carbon disulfide	60			1.0 U	1.0 U	1.0 U	1U	1.0 U
Carbon tetrachloride	5			1.0 U	1.0 U	1.0 U	1U	1.0 U
Chlorobenzene	5			1.0 U	1.0 U	1.0 U	1U	1.0 U
Chloroethane	5			1.0 U	1.0 U	1.0 U	1U	1.0 U
Chloroform	7			1.0 U	1.0 U	1.0 U	1U	1.0 U
cis-1,2-Dichloroethene	5			3.4	1.8	1.7	1.5	1.9
cis-1,3-Dichloropropene	0.4			1.0 U **	1.0 U	1.0 U	1U	1.0 U
Dibromochloromethane	50			1.0 U **	1.0 U	1.0 U	1U	1.0 U
Ethylbenzene	5			1.0 U	1.0 U	1.0 U	1U	1.0 U
Methyl chloride	5			1.0 U	1.0 U	1.0 U	1U	1.0 U
Methyl ethyl ketone	50			10 U **	10 U	10 U	10U	10 U
Methylene chloride	5			1.0 U **	1.0 U	1.0 U	1U	1.0 U
Styrene	5			1.0 U **	1.0 U	1.0 U	1U	1.0 U
Tetrachloroethene	5			0.77 J **	0.41 J	0.38 J	1U	0.38 J
Toluene	5			1.0 U	1.0 U	1.0 U	1U	1.0 U
trans-1,2-Dichloroethene	5			1.0 U	1.0 U	1.0 U	1U	1.0 U
trans-1,3-Dichloropropene	0.4			1.0 U	1.0 U	1.0 U	1U	1.0 U
Trichloroethene	5			3.5	2.1	1.9	0.7 J	2.1
Vinyl chloride	2			1.0 U	1.0 U	1.0 U	1U	1.0 U
Xylenes, Total	5			2.0 U	2.0 U	2.0 U	2U	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 Quality Standard, --- Not Analyzed
 Data have not been validated

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

		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	
		Class GA	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
		GW Stds							
Chemical Name	(ug/l)		ug/l	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 Quality 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		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
GW Stds (ug/l)			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 Quality 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	Location ID		MW-08D	MW-08D	MW-08D	MW-08D	MW-08D	MW-08D
	Depth Interval		-	-	-	-	-	-
	Sample Date		8/4/2004	11/16/2004	2/15/2005	4/18/2005	9/7/2005	11/16/2005
	Class GA	Sample ID	MW-08D_WG_080404	MW-08D_WG_111604	MW-08D_WG_021505	MW-08D_WG_041805	MW-08D_09072005	MW-08D_11162005
GW Stds			ug/l	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		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:
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 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	Location ID		MW-08D	MW-08D	MW-08D	MW-08D	MW-08D	MW-08D
	Depth Interval		-	-	-	-	-	-
	Sample Date		4/26/2006	11/15/2006	5/2/2007	11/1/2007	5/22/2008	11/18/2008
	Class GA	Sample ID	MW-8D_04262006	MW-8D_11152006	MW-8D_050207	MW8-D-110107	MW8-D-052208	MW8-D-111808
GW Stds			ug/l	ug/l	ug/l	ug/l	ug/l	ug/l
(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

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Data have not been validated



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

Chemical Name	Location ID		MW-08D	MW-08D	MW-08D	MW-08D	MW-08D	MW-08D
	Depth Interval		-	-	-	-	-	-
	Sample Date		10/20/2009	05/18/2010	01/19/2011	4/19/2011	7/27/2011	10/25/2011
	Class GA	Sample ID	MW-8D-10202009	W-8D-051810051820	MW-8D-01192011	MW-8D-041911	MW-8D072711	MW8D102511
GW Stds			ug/l	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	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

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Data have not been validated



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

Chemical Name	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
	Class GA	Sample ID	MW8D032112	MW8D080812	MW-8D-121812	MW-8D-052213	MW-8D-082013	MW-8D-121713
GW Stds			ug/l	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

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Data have not been validated

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

Chemical Name	Location ID		MW-8D	X-1	MW-8D	MW-8D	X-1	MW-8D
	Depth Interval		-	-	-	-	-	-
	Sample Date		3/26/2014	3/26/2014	6/11/2014	9/24/2014	9/24/2014	12/10/2014
	Class GA	Sample ID	MW-8D-032614	MW-8D-032614	MW-8D-061114	MW8D092414	MW8D092414	MW 8D 121014
	GW Stds (ug/l)		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	1.1	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

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 Data have not been validated



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

Chemical Name	Location ID		MW-8D	MW-8D	MW-8D	MW-8D	MW-8D	MW-8D
	Depth Interval		-	-	-	-	-	-
	Sample Date		3/17/2015	6/24/2015	9/23/2015	1/13/2016	3/30/2016	6/22/2016
	Class GA	Sample ID	MW8D 031715	MW8D 062415	MW8D 092315	MW8D 011316	MW-8D-033016	MW-8D-062216
GW Stds			ug/l	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		0.99 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:

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--- Not analyzed, F - MS and/or MSD recovery/RPD exceeds the control limits

[] - Exceeds NYS Class GA Ground Water Quality 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	Location ID		MW-8D	MW-8D	MW-8D	MW-8D	MW-8D	MW-8D
	Depth Interval		-	-	-	-	-	-
	Sample Date		9/21/2016	12/21/2016	4/13/2017	6/28/2017	9/13/2017	12/20/2017
	Class GA	Sample ID	MW-8D-092116	MW-8D-122116	MW-8D-041317	MW-8D-062817	MW-8D-091317	MW-8D-122017
GW Stds			ug/l	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		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:

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--- Not analyzed, F - MS and/or MSD recovery/RPD exceeds the control limits

[] - Exceeds NYS Class GA Ground Water Quality 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	Location ID		MW-08D	MW-08D	MW-08D	MW-08D	MW-08D	MW-08D
	Depth Interval		-	-	-	-	-	-
	Sample Date		3/14/2018	6/19/2018	9/18/2018	11/28/2018	3/19/2019	6/20/2019
	Class GA	Sample ID	MW 8D 031418	MW 8D 061918	MW 8D 091818	MW-8D-112818	MW-8D-031919	MW-8D-062019
GW Stds			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	1.0 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:

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--- Not analyzed, F - MS and/or MSD recovery/RPD exceeds the control limits

[] - Exceeds NYS Class GA Ground Water Quality 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	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
	Class GA	Sample ID	MW-8D-092419	MW-8D-121819	MW 8 D 031720	MW8D061720	MW8D092320	MW8D 121520
GW Stds			ug/l	ug/l	ug/l	µg/L	µg/L	µg/L
(ug/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:

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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-08D	MW-08D	MW-08D	MW-08D	MW-08D	MW-08D
	Depth Interval		--	--	--	-	-	-
	Sample Date		3/25/2021	6/15/2021	6/15/2021	9/22/2021	12/21/2021	3/23/2022
	Class GA	Sample ID	MW8D032521	MW8D 061521	X-1 061521	MW8D 092221	MW8D 122121	MW8D 032322
	GW Stds		µg/L	µg/L	µg/L	ug/l	ug/l	ug/l
Chemical Name	(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 Quality 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	Location ID		MW-08D	MW-08D	MW-08D	MW-08D	MW-08D	MW-08D	MW-08D
	Depth Interval		-	-	-	-	-	-	-
	Sample Date		3/23/2022	6/23/2022	9/28/2022	12/22/2022	3/30/2023	6/15/2023	9/19/2023
	Class GA	Sample ID	X-1 032322	MW-8D 062322	MW8D 092822	MW8D122222	MW8D-033023	MW8D-061523	MW8D 091923
GW Stds			ug/l	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	1.0 U	1.0 U	1.0 U	1U	1.0 U
1,1,2,2-Tetrachloroethane	5		1.0 U	1.0 U	1.0 U **	1.0 U	1.0 U	1U	1.0 U
1,1,2-Trichloroethane	1		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1U	1.0 U
1,1-Dichloroethane	5		1.0 U	1.0 U	0.71 J **	0.43 J	1.0 U	1U	0.61 J
1,1-Dichloroethene	5		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1U	1.0 U
1,2-Dichloroethane	0.6		1.0 U	1.0 U	1.0 U **	1.0 U	1.0 U	1U	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	1U	1.0 U
2-Hexanone	50		5.0 U	5.0 U	5.0 U	5.0 U **	5.0 U	5U	5.0 U
4-Methyl-2-pentanone	NS		5.0 U	5.0 U	5.0 U	5.0 U **	1.0 U	5U	5.0 U
Acetone	50		10 U	10 U	10 U	10 U	10 U	10U	10 U **
Benzene	1		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1U	1.0 U
Bromodichloromethane	50		1.0 U	1.0 U	1.0 U **	1.0 U	1.0 U	1U	1.0 U
Bromoform	50		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1U	1.0 U
Bromomethane	5		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1U	1.0 U
Carbon disulfide	60		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1U	1.0 U
Carbon tetrachloride	5		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1U	1.0 U
Chlorobenzene	5		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1U	1.0 U
Chloroethane	5		1.0 U *1	1.0 U	1.0 U	1.0 U	1.0 U	1U	1.0 U
Chloroform	7		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1U	1.0 U
cis-1,2-Dichloroethene	5		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1U	1.0 U
cis-1,3-Dichloropropene	0.4		1.0 U	1.0 U	1.0 U **	1.0 U	1.0 U	1U	1.0 U
Dibromochloromethane	50		1.0 U	1.0 U	1.0 U **	1.0 U	1.0 U	1U	1.0 U
Ethylbenzene	5		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1U	1.0 U
Methyl chloride	5		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1U	1.0 U
Methyl ethyl ketone	50		10 U	10 U	10 U **	10 U	10 U	10U	10 U
Methylene chloride	5		1.0 U	1.0 U	1.0 U **	1.0 U	1.0 U	1U	1.0 U
Styrene	5		1.0 U	1.0 U	1.0 U **	1.0 U	1.0 U	1U	1.0 U
Tetrachloroethene	5		1.0 U	1.0 U	1.0 U **	1.0 U	1.0 U	1U	1.0 U
Toluene	5		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1U	1.0 U
trans-1,2-Dichloroethene	5		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1U	1.0 U
trans-1,3-Dichloropropene	0.4		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U **	1U	1.0 U
Trichloroethene	5		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1U	1.0 U
Vinyl chloride	2		1.0 U	1.4	1.0 U	1.0 U	1.0 U	1U	1.0 U
Xylenes, Total	5		2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2U	2.0 U

NOTES:
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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	53 - 56	69 - 70	80 - 83	-	53 - 56	53 - 56
		Sample Date	7/28/2003	7/28/2003	7/28/2003	2/4/2004	5/17/2004	8/4/2004
		Sample ID	MW-08DD_WG_072803 ug/l	MW-08DD_WG_072803 ug/l	MW-08DD_WG_072803 ug/l	MW-08DD_WG_020404 ug/l	MW-08DD_WG_051704 ug/l	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:
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 Data have not been validated

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

Chemical Name	Class GA	Location ID Depth Interval Sample Date Sample ID GW Stds (ug/l)	MW-08DD	MW-08DD	MW-08DD	MW-08DD	MW-08DD	MW-08DD
			53 - 56	53 - 56	53 - 56	-	-	-
			11/15/2004	2/15/2005	4/19/2005	9/8/2005	11/16/2005	4/26/2006
			MW- 08DD WG 111504 ug/l	MW- 08DD WG 021505 ug/l	MW- 08DD WG 041905 ug/l	MW-8DD_09082005 ug/l	MW-8DD_11162005 ug/l	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:
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 Data have not been validated

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

Chemical Name	Location ID		MW-08DD	MW-08DD	MW-08DD	MW-08DD	MW-08DD	MW-08DD
	Depth Interval		-	-	-	-	-	-
	Sample Date		11/15/2006	5/2/2007	11/1/2007	5/22/2008	11/18/2008	10/20/2009
	Class GA	Sample ID	MW-8DD_11152006	MW-8DD_050207	MW-8DD-110107	MW-8DD-052208	MW-8DD-111808	MW-8DD-10202009
GW Stds			ug/l	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 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

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 Data have not been validated



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

Chemical Name	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
	Class GA	Sample ID	W-8DD-051810051820	MW-8DD-01182011	MW-8DD-041911	MW-8DD072711	MW8DD102511	MW8DD032112
GW Stds								
(ug/l)			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:

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[] - Exceeds NYS Class GA Ground Water Quality Standard

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Data have not been validated



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

Chemical Name	Location ID		MW-8DD	MW-8DD	MW-8DD	MW-8DD	MW-8DD	MW-8DD
	Depth Interval		-	-	-	-	-	-
	Sample Date		8/8/2012	12/18/2012	5/22/2013	8/20/2013	12/17/2013	3/26/2014
	Class GA	Sample ID	MW8DD080812	MW-8DD-121812	MW-8DD-052213	MW-8DD-082013	MW-8DD-121713	MW-8DD-032614
GW Stds			ug/l	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	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 Quality 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	Location ID		MW-8DD	MW-8DD	MW-8DD	MW-8DD	MW-8DD	MW-8DD
	Depth Interval		-	-	-	-	-	-
	Sample Date		6/11/2014	9/24/2014	12/10/2014	3/18/2015	6/24/2015	9/23/2015
	Class GA	Sample ID	MW-8DD-061114	MW8DD092414	MW 8DD 121014	MW8DD031815	MW8DD062415	MW8DD 092315
GW Stds			ug/l	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	1.3
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

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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	Location ID		MW-8DD	MW-8DD	MW-8DD	MW-8DD	MW-8DD	MW-8DD
	Depth Interval		-	-	-	-	-	-
	Sample Date		1/13/2016	3/30/2016	6/22/2016	9/21/2016	12/21/2016	4/13/2017
	Class GA	Sample ID	MW8DD 011316	MW-8DD-033016	MW-8DD-062216	MW-8DD-092116	MW-8DD-122116	MW-8DD-041317
GW Stds			ug/l	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		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

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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	Location ID		MW-8DD	MW-8DD	MW-8DD	X-1	MW-08DD	MW-08DD
	Depth Interval		-	-	-	-	-	-
	Sample Date		6/28/2017	9/13/2017	12/20/217	12/20/217	3/14/2018	6/19/2018
	Class GA	Sample ID	MW-8DD-062817	MW-8DD-062817	MW-8DD-122017	MW-8DD-122017	MW 8DD 031418	MW 8DD 061918
GW Stds			ug/l	ug/l	ug/l	ug/l	ug/l	ug/l
(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

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

Chemical Name	Location ID		MW-08DD	MW-08DD	MW-08DD	MW-08DD	MW-08DD	MW-08DD
	Depth Interval		-	-	-	-	-	-
	Sample Date		9/18/2018	11/28/2018	3/19/2019	6/20/2019	9/24/2019	12/18/2019
	Class GA	Sample ID	MW 8DD 091818	MW-8DD-112818	MW-8DD-031919	MW-8DD-062019	MW-8DD-092419	MW-8DD-121819
GW Stds			ug/l	ug/l	ug/l	ug/l	ug/l	ug/l
(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

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Data have not been validated

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

	Location ID	MW-08DD	MW-08DD	MW-08DD	MW-08DD	MW-08DD	MW-08DD
	Depth Interval	-	--	--	--		--
	Sample Date	3/18/2020	6/17/2020	9/23/2020	12/15/2020	3/25/2021	6/15/2021
	Class GA	Sample ID	MW 8DD 031720	MW8DD061720	MW8DD092320	MW8DD 121520	MW8DD032521
	GW Stds		ug/l	µg/L	µg/L	µg/L	µg/L
Chemical Name	(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	10 U	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 U	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:
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Table 4
Groundwater Data - VOCs
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Location ID		MW-08DD	MW-08DD	MW-08DD	MW-08DD	MW-08DD	MW-08DD
	Depth Interval		-	-	-	-	-	-
	Sample Date		9/22/2021	12/21/2021	3/23/2022	6/23/2022	9/28/2022	12/22/2022
	Class GA	Sample ID	MW8DD 092221	MW8DD 122121	MW8DD 032322	MW-8DD 062322	MW8DD 092822	MW8DD122222
	GW Stds		ug/l	ug/l	ug/l	ug/l	ug/l	ug/l
(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,
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 [] - Exceeds NYS Class GA Ground Water Quality Standard
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 Data have not been validated

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

Chemical Name	Location ID		MW-08DD	MW-08DD	MW-08DD
	Depth Interval		-	-	-
	Sample Date		3/30/2023	6/15/2023	9/20/2023
	Class GA	Sample ID	MW8DD-033023	MW8DD-061523	MW8DD 092023
	GW Stds		ug/L	ug/L	ug/l
(ug/l)					
1,1,1-Trichloroethane	5		1.0 U	1U	1.0 U
1,1,2,2-Tetrachloroethane	5		1.0 U	1U	1.0 U
1,1,2-Trichloroethane	1		1.0 U	1U	1.0 U
1,1-Dichloroethane	5		1.0 U	1U	1.0 U
1,1-Dichloroethene	5		1.0 U	1U	1.0 U
1,2-Dichloroethane	0.6		1.0 U	1U	1.0 U
1,2-Dichloroethene (Total)	5		---	---	---
1,2-Dichloropropane	1		1.0 U	1U	1.0 U
2-Hexanone	50		5.0 U	5U	5.0 U
4-Methyl-2-pentanone	NS		1.0 U	5U	5.0 U
Acetone	50		10 U	10U	10 U
Benzene	1		1.0 U	1U	1.0 U
Bromodichloromethane	50		1.0 U	1U	1.0 U
Bromoform	50		1.0 U	1U	1.0 U
Bromomethane	5		1.0 U	1U	1.0 U
Carbon disulfide	60		1.0 U	1U	1.0 U
Carbon tetrachloride	5		1.0 U	1U	1.0 U
Chlorobenzene	5		1.0 U	1U	1.0 U
Chloroethane	5		1.0 U	1U	1.0 U
Chloroform	7		1.0 U	1U	1.0 U
cis-1,2-Dichloroethene	5		1.0 U	1U	1.0 U
cis-1,3-Dichloropropene	0.4		1.0 U	1U	1.0 U
Dibromochloromethane	50		1.0 U	1U	1.0 U
Ethylbenzene	5		1.0 U	1U	1.0 U
Methyl chloride	5		1.0 U	1U	1.0 U
Methyl ethyl ketone	50		10 U	10U	10 U
Methylene chloride	5		1.0 U	1U	1.0 U
Styrene	5		1.0 U	1U	1.0 U
Tetrachloroethene	5		1.0 U	1U	1.0 U
Toluene	5		1.0 U	1U	1.0 U
trans-1,2-Dichloroethene	5		1.0 U	1U	1.0 U
trans-1,3-Dichloropropene	0.4		1.0 U * +	1U	1.0 U
Trichloroethene	5		1.0 U	1U	1.0 U
Vinyl chloride	2		1.0 U	1U	1.0 U
Xylenes, Total	5		2.0 U	2U	2.0 U

NOTES:
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Data have not been validated

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

Chemical Name	Class GA	GW Stds	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:
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 Data have not been validated

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

Chemical Name	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
	Class GA	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
GW Stds			ug/l	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

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 Data have not been validated

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

Chemical Name		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
		Class GA	Sample ID	MW-10S_WG_021505	MW-10S_WG_042005	MW-10S_09062005	MW-10S_11142005	MW-10S_04252006	MW-10S_11142006
GW Stds (ug/l)			ug/l	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	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	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	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	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	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	0.50 U
2-Hexanone	50		5 U	5 U	5.00 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	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	0.50 U
Bromodichloromethane	50		0.5 U	0.5 U	0.50 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	0.50 U
Bromomethane	5		1 U	1 U	1.00 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	0.50 U
Carbon tetrachloride	5		0.5 U	0.5 U	0.50 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	0.50 U
Chloroethane	5		1 U	1 U	1.00 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	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	0.50 U
Dibromochloromethane	50		0.5 U	0.5 U	0.50 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	0.50 U
Methyl chloride	5		1 U	1 U	1.00 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	10.0 U
Methylene chloride	5		2 U	2 U	2.00 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	0.50 U
Tetrachloroethene	5		0.5 U	0.5 U	0.50 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	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	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	0.50 U
Trichloroethene	5		0.1 J	0.1 J	0.50 U	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	1.00 U

NOTES:

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--- Not analyzed, F - MS and/or MSD recovery/RPD exceeds the control limits

[] - Exceeds NYS Class GA Ground Water Quality Standard

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Data have not been validated



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

Chemical Name	Location ID		MW-10S	MW-10S	MW-10S	MW-10S	MW-10S	MW-10S
	Depth Interval		-	-	-	-	-	-
	Sample Date		5/3/2007	10/30/2007	5/22/2008	11/19/2008	10/22/2009	05/18/2010
	Class GA	Sample ID	MW-10S_050307	MW 10 S-103007	MW 10 S-052208	MW 10 S-111908	MW-10S-10222009	W-10S-051810051820
GW Stds			ug/l	ug/l	ug/l	ug/l	ug/l	ug/l
(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

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Data have not been validated



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

Chemical Name	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
	Class GA	Sample ID	MW-10S-01202011	MW-10S-042011	MW-10S072611	MW10S102711	MW10S032012	MW10S080712
GW Stds			ug/l	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

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

Chemical Name	Class GA	Location ID Depth Interval Sample Date Sample ID	MW-10S	MW-10S	MW-10S	MW-10S	MW-10S	MW-10S
			-	-	-	-	-	-
			12/19/2012	5/21/2013	8/22/2013	12/18/2013	3/25/2014	6/10/2014
			MW-10S-121912	MW-10-052113	MW-10-082213	MW-10S-121813	MW-10S-032514	MW-10S-061014
GW Stds (ug/l)			ug/l	ug/l	ug/l	ug/l	ug/l	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

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

Chemical Name	Location ID		MW-10S	MW-10S	X-1	MW-10S	MW-10S	MW-10S
	Depth Interval		-	-	-	-	-	-
	Sample Date		9/23/2014	12/9/2014	12/9/2014	3/17/2015	6/25/2015	9/22/2015
	Class GA	Sample ID	MW10S092314	MW 10S 120914	MW 10S 120914	MW10S 031715	MW10S 062515	MW10S 092215
GW Stds			ug/l	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		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

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

Chemical Name	GW Stds (ug/l)	Class GA	Sample ID	Location ID	MW-10S	MW-10S	MW-10S	MW-10S	MW-10S	MW-10S
				Depth Interval	-	-	-	-	-	-
				Sample Date	1/12/2016	3/29/2016	6/21/2016	9/20/2016	12/20/2016	4/11/2017
					MW10S 011216	MW10S 032916	MW10S 062116	MW10S 092016	MW10S 122016	MW10S 041117
					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				1.9	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

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

Chemical Name	Location ID		MW-10S	MW-10S	MW-10S	MW-10S	MW-10S	MW-10S
	Depth Interval		-	-	-	-	-	-
	Sample Date		6/27/2017	9/12/2017	12/21/2017	3/15/2018	6/20/2018	9/19/2018
	Class GA	Sample ID	MW10S 062717	MW10S 091217	MW10S 122117	MW 10S 031518	MW 10S 062018	X-1
GW Stds			ug/l	ug/l	ug/l	ug/l	ug/l	ug/l
(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

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

Chemical Name	Location ID		MW-10S	MW-10S	MW-10S	MW-10S	MW-10S	MW-10S
	Depth Interval		-	-	-	-	-	-
	Sample Date		9/19/2018	11/28/2018	11/28/2018	3/20/219	6/20/2019	9/25/2019
	Class GA	Sample ID	MW 10S 091918	X-1-112818	MW-10S-112818	MW-10S-032019	MW-10S-062019	MW-10S-092519
GW Stds			ug/l	ug/l	ug/l	ug/l	ug/l	ug/l
(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

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Data have not been validated

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

Chemical Name	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
	Class GA	Sample ID	MW-10S-121919	MW 10S 031720	MW10S061720	MW10S092320	X-1 092320	MW10S 121520
GW Stds			ug/l	ug/l	µg/L	µg/L	µg/L	µg/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	[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	2 U

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

Chemical Name	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
	Class GA	Sample ID	MW10S032421	MW10S 061521	MW10S 092321	X-1 092321	MW10S 122221	X-1 122221
GW Stds			µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
(ug/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

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

Chemical Name	Location ID		MW-10S	MW-10S	MW-10S	MW-10S	MW-10S	MW-10S	MW-10S	MW-10S
	Depth Interval		-	-	-	---	---	-	-	-
	Sample Date		3/24/2022	6/22/2022	9/29/2022	12/21/2022	12/22/2022	3/29/2023	6/14/2023	9/19/2023
	Class GA	Sample ID	MW10S 032422	MW-10S 062222	MW10S 092922	MW10S122122	X-1122122	MW10S 032923	MW10S 061423	MW10S 091923
GW Stds			µg/L	ug/l	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	1.0 U	1.0 U	1.0 U	1.0 U	1U	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	1U	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	1U	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	1U	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	1U	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	1U	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	1U	1.0 U
2-Hexanone	50		5.0 U	5.0 U	5.0 U	5.0 U **	5.0 U **	5.0 U	5U	5.0 U
4-Methyl-2-pentanone	NS		5.0 U	5.0 U	5.0 U	5.0 U **	5.0 U **	1.0 U	5U	5.0 U
Acetone	50		10 U	10 U	10 U	10 U	10 U	10 U	10U	10 U **
Benzene	1		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1U	1.0 U
Bromodichloromethane	50		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1U	1.0 U
Bromoform	50		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1U	1.0 U
Bromomethane	5		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1U	1.0 U
Carbon disulfide	60		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1U	1.0 U
Carbon tetrachloride	5		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1U	1.0 U
Chlorobenzene	5		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1U	1.0 U
Chloroethane	5		1.0 U *1	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1U	1.0 U
Chloroform	7		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1U	1.0 U
cis-1,2-Dichloroethene	5		1.3	[32]	1.0 U	1.0 U	1.0 U	1.0 U	[5.5]	[51]
cis-1,3-Dichloropropene	0.4		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1U	1.0 U
Dibromochloromethane	50		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1U	1.0 U
Ethylbenzene	5		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1U	1.0 U
Methyl chloride	5		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1U	1.0 U
Methyl ethyl ketone	50		10 U	10 U	10 U	10 U	10 U	10 U	10U	10 U
Methylene chloride	5		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1U	1.0 U
Styrene	5		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1U	1.0 U
Tetrachloroethene	5		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1U	1.0 U
Toluene	5		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1U	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	1U	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	1U	1.0 U
Trichloroethene	5		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1U	1.0 U
Vinyl chloride	2		1.0 U	[4.7]	1.0 U	1.0 U	1.0 U	1.0 U	1	[10]
Xylenes, Total	5		2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2U	2.0 U

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

Chemical Name		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
		Class GA	Sample ID	MW-10D_WG_072997	MW-10D_WG_091597	MW-10D_WG_021500	MW-10D_WG_081401	MW-10D_WG_112901
GW Stds		ug/l	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	

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

Chemical Name	Location ID		MW-10D	MW-10D	MW-10D	MW-10D	MW-10D	MW-10D
	Depth Interval		-	-	-	-	-	-
	Sample Date		5/15/2002	7/30/2003	2/5/2004	5/18/2004	8/5/2004	11/17/2004
	Class GA	Sample ID	MW-10D_WG_051502	MW-10D_WG_073003	MW-10D_WG_020504	MW-10D_WG_051804	MW-10D_WG_080504	MW-10D_WG_111704
GW Stds			ug/l	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	0.1 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:
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 Data have not been validated

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

Chemical Name	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
	Class GA	Sample ID	MW-10D_WG_021505	MW-10D_WG_042005	MW-10D_09062005	MW-10D_11142005	MW-10D_04252006	MW-10D_11142005
GW Stds			ug/l	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

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

Chemical Name	Location ID		MW-10D	MW-10D	MW-10D	MW-10D	MW-10D	MW-10D
	Depth Interval		-	-	-	-	-	-
	Sample Date		4/25/2006	11/14/2006	5/3/2007	10/30/2007	5/22/2008	11/19/2008
	Class GA	Sample ID	MW-10D_04252006	MW-10D_11142006	MW-10D_050307	MW 10 D-103007	MW 10 D-052208	MW 10 D-111908
GW Stds			ug/l	ug/l	ug/l	ug/l	ug/l	ug/l
(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

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Data have not been validated

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

Chemical Name	Class GA	Location ID Depth Interval Sample Date Sample ID	MW-10D	MW-10D	MW-10D	MW-10D	MW-10D	MW-10D
			-	-	-	-	-	-
			10/22/2009	5/18/2010	1/20/2011	7/26/2011	4/20/2011	7/26/2011
			MW-10D-10222009	N-10D-051810051820	MW-10D-01202011	MW-10D072611	MW-10D-042011	X1072611
GW Stds			ug/l	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	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

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 Data have not been validated



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

Chemical Name	Location ID		MW-10D	MW-10D	MW-10D	MW-10D	MW-10D	MW-10D
	Depth Interval			-		-	-	-
	Sample Date		10/27/2011	3/20/2012	8/7/2012	12/19/2012	5/21/2013	8/22/113
	Class GA	Sample ID	MW10D102711	MW10D032012	MW10D080712	MW-10D-121912	MW-10D-052113	MW-10D-082213
GW Stds			ug/l	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		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:

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

Chemical Name	Location ID		MW-10D	X-1-121813	MW-10D	MW-10D	MW-10D	MW-10D
	Depth Interval		-	-	-	-	-	-
	Sample Date		12/18/2013	12/18/2013	3/25/2014	6/10/2014	9/23/2014	12/9/2014
	Class GA	Sample ID	MW-10D-121813	MW-10D-121813	MW-10D-032514	MW-10D-061014	MW10D092314	MW 10D 120914
GW Stds			ug/l	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		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

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Data have not been validated

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

		Location ID		MW-10D	X-1	MW-10D	MW-10D	MW-10D	MW-10D
		Depth Interval		-	-	-	-	-	-
		Sample Date		3/17/2015	3/17/2015	6/25/2015	9/22/2015	1/12/2016	3/29/2016
		Class GA	Sample ID	MW10D 031715	MW10D 031715	MW10D 062515	MW10D 092215	MW10D 011216	MW10D 032916
GW Stds			ug/l	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		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	

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

Chemical Name	Class GA	Location ID Depth Interval Sample Date Sample ID	MW-10D	MW-10D	MW-10D	MW-10D	MW-10D	MW-10D
			-	-	-	-	-	-
			6/21/2016	9/20/2016	12/20/2016	4/12/2017	6/27/2017	9/12/2017
			MW10D 062116	MW10D 092016	MW10D 122016	MW10D 041217	MW10D 062717	MW10D 091217
GW Stds (ug/l)			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		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

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 Data have not been validated

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

Chemical Name	Location ID		MW-10D	MW-10D	MW-10D	MW-10D	MW-10D	MW-10D
	Depth Interval		-	-	-	-	-	-
	Sample Date		12/21/2017	3/15/2018	6/20/2018	9/19/2018	11/28/2018	3/20/2019
	Class GA	Sample ID	MW10D 122117	MW 10D 031518	MW 10D 062018	MW 10D 091918	MW-10D-112818	MW-10D-031919
GW Stds			ug/l	ug/l	ug/l	ug/l	ug/l	ug/l
(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

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Data have not been validated

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

Chemical Name	Location ID		MW-10D	MW-10D	MW-10D	MW-10D	MW-10D	MW-10D
	Depth Interval		-	-	-	-	-	--
	Sample Date		6/20/2019	9/25/2019	12/19/2019	3/17/2020	3/17/2020	6/17/2020
	Class GA	Sample ID	MW-10D-062019	MW-10D-092519	MW-10D-121919	MW 10D 031720	X-1 031720	MW10D061720
GW Stds			ug/l	ug/l	ug/l	ug/l	ug/l	µg/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	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

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

	Location ID		MW-10D	MW-10D	MW-10D	MW-10D	MW-10D	MW-10D
	Depth Interval		--	--	--		--	-
	Sample Date		9/22/2020	12/15/2020	12/15/2020	3/24/2021	6/15/2021	9/23/2021
	Class GA	Sample ID	MW10D092220	MW10D 121520	X-1 121520	MW10D032421	MW10D061521	MW10D 092321
	GW Stds		µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
Chemical Name	(ug/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

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

Chemical Name	Location ID		MW-10D	MW-10D	MW-10D	MW-10D	MW-10D	MW-10D	MW-10D	MW-10D
	Depth Interval		-	-	-	-	-	-	-	---
	Sample Date		12/22/2021	3/24/2022	6/22/2022	9/29/2022	12/21/2022	3/29/2023	6/14/2023	9/19/2023
	Class GA	Sample ID	MW10D 122221	MW10D 032422	MW-10D 062222	MW10D 092922	MW10D122122	MW10D 032923	MW10D 061423	MW10D 091923
	GW Stds		µg/L	µg/L	ug/l	ug/l	ug/l	ug/L	ug/L	ug/l
1,1,1-Trichloroethane	5		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1U	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	1U	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	1U	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	1U	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	1U	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	1U	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	1U	1.0 U
2-Hexanone	50		5.0 U	5.0 U	5.0 U	5.0 U	5.0 U **	5.0 U	5U	5.0 U
4-Methyl-2-pentanone	NS		5.0 U	5.0 U	5.0 U	5.0 U	5.0 U **	1.0 U	5U	5.0 U
Acetone	50		10 U	10 U	10 U	10 U	10 U	10 U	10U	10 U **
Benzene	1		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1U	1.0 U
Bromodichloromethane	50		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1U	1.0 U
Bromoform	50		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1U	1.0 U
Bromomethane	5		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1U	1.0 U
Carbon disulfide	60		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1U	1.0 U
Carbon tetrachloride	5		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1U	1.0 U
Chlorobenzene	5		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1U	1.0 U
Chloroethane	5		1.0 U	1.0 U *1	1.0 U	1.0 U	1.0 U	1.0 U	1U	1.0 U
Chloroform	7		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1U	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	1U	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	1U	1.0 U
Dibromochloromethane	50		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1U	1.0 U
Ethylbenzene	5		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1U	1.0 U
Methyl chloride	5		1.0 U F1	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U F1	1U	1.0 U
Methyl ethyl ketone	50		10 U	10 U	10 U	10 U	10 U	10 U	10U	10 U
Methylene chloride	5		1.0 U	1.0 U	1.0 U	1.0 U **	1.0 U	1.0 U	1U	1.0 U
Styrene	5		1.0 U	1.0 U	1.0 U	1.0 U **	1.0 U	1.0 U	1U	1.0 U
Tetrachloroethene	5		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1U	1.0 U
Toluene	5		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1U	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	1U	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	1U	1.0 U
Trichloroethene	5		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1U	1.0 U
Vinyl chloride	2		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1U	1.0 U
Xylenes, Total	5		2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2U	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 Quality 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 Sample Date Sample ID	MW-01S 2/14/2000	MW-01S 8/13/2001	MW-01S 11/26/2001	MW-01S 2/25/2002
			MW-01S_WG_021400	MW-01S_WG_081301	MW-01S_WG_112601	MW-01S_WG_022502
		units	mg/l	mg/l	mg/l	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, Filtered	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 Sample Date Sample ID units	MW-01S 5/13/2002 MW-01S_WG_051302	MW-01S 11/16/2004 MW-01S_WG_111604	MW-01S 11/15/2005 MW-1S_11152005	MW-01S 11/14/2006 MW-1S_11142006
			mg/l	mg/l	mg/l	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, Filtered	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



Table 5
Groundwater Data - Geochemical
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW Stds (mg/l)	Location ID Sample Date Sample ID units	MW-01S 10/29/2007 MW-1S-102907	MW-01S 11/18/2008 MW-1S-111808	MW-01S 10/19/2009 MW-1S-10192009	MW-01S 05/18/2010 W-1S-0518100518201
			mg/l	mg/l	mg/l	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, Filtered	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



Table 5
Groundwater Data - Geochemical
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW Stds (mg/l)	Location ID Sample Date Sample ID units	MW-01S 1/19/2011 MW-1S_01192011	MW-01S 4/18/2011 MW-1S-041811	MW-01S 7/26/2011 MW-1S072611	MW-01S 10/25/2011 MW1S102511
			mg/l	mg/l	mg/l	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 U	0.1 U
Total Organic Carbon, Filtered	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

		Location ID	MW-01S	MW-01S	MW-1S	MW-1S
	Class GA	Sample Date	3/20/2012	8/7/2012	12/18/2012	5/21/2013
	GW Stds	Sample ID	MW1S032012	MW1S080712	MW-1S-121812	MW-1S-052113
Chemical Name	(mg/l)	units	mg/l	mg/l	mg/l	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, Filtered	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 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 Sample Date Sample ID units	MW-1S 8/19/2013 MW-1S-081913	MW-1S 12/18/2013 MW-15-121813	MW-1S 3/25/2014 MW-1S-032514	MW-1S 6/9/2014 MW-1S-060914
			mg/l	mg/l	mg/l	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, Filtered	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 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 Sample Date Sample ID units	MW-1S 9/23/2014 MW1S092314	MW-1S 4/11/2017 MW1S041117	X-1 4/11/2017 MW1S041117	MW-1S 9/12/2017 MW1S091217
			mg/l	mg/l	mg/l	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, Filtered	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 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 Sample Date Sample ID units	MW-1S 9/18/2018 MW1S091818	MW-1S 3/18/2019 MW1S031819	MW-1S 9/24/2019 MW1S092419	MW-01S 3/17/2020 MW 1S 031720
			mg/l	mg/l	mg/l	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, Filtered	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 Sample Date Sample ID units	MW-01S 9/22/2020 MW 1S 092220	MW-01S 3/23/2021 MW-1S_032321	MW-01S 3/23/2021 X-1_032321	MW-01S 9/21/2021 MW1S 092121
			mg/l	mg/l	mg/l	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, Filtered	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 Sample Date Sample ID units	MW-01S 3/21/2022 MW1S 032122	MW-01S 9/27/2022 MW1S 092722	MW-01S 3/28/2023 MW1S 032823	
			mg/l	mg/l	mg/L	
Alkalinity (As Caco3)	NS	mg/L	351	461	397	
Chloride	250	mg/L	[1190]	[1330]	[1190]	
Nitrate (as N)	10	mg/L	0.050 U H	< 0.050 U	0.050 U H	
Nitrite (as N)	1	mg/l	0.050 U H	< 0.050 U	0.050 U H	
Nitrite-Nitrate Nitrogen	NS	mg/L	---	---	---	
Sulfate	250	mg/l	244	[253]	231	
Total Sulfides	NS	mg/l	1.0 U	1.0 U	1.0 U	
Total Organic Carbon, Filtered	NS	mg/L	5.0	8.5	3.8	
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	MW-01D	MW-01D	MW-01D	MW-01D
		Sample Date	2/14/2000	8/13/2001	11/26/2001	2/25/2002
		Sample ID	MW-01D_WG_021400	MW-01D_WG_081301	MW-01D_WG_112601	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, Filtered	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 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 Sample Date Sample ID units	MW-01D 5/13/2002 MW-01D_WG_051302	MW-01D 11/16/2004 MW-01D_WG_111604	MW-01D 11/15/2005 MW-1D_11152005	MW-01D 11/14/2006 MW-1D_11142006
			mg/l	mg/l	mg/l	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, Filtered	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 not been validated



Table 5
Groundwater Data - Geochemical
Forest Glen Superfund Site
Niagara Falls, New York

		Location ID	MW-01D	MW-01D	MW-01D	MW-01D
	Class GA	Sample Date	10/29/2007	11/18/2008	10/19/2009	5/18/2010
	GW Stds	Sample ID	MW-1D-102907	MW-1D-111808	MW-1D-10192009	W-1D-0518100518201
Chemical Name	(mg/l)	units	mg/l	mg/l	mg/l	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, Filtered	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 not been validated



Table 5
Groundwater Data - Geochemical
Forest Glen Superfund Site
Niagara Falls, New York

		Location ID	MW-01D	MW-01D	MW-01D	MW-01D
	Class GA	Sample Date	1/19/2011	4/18/2011	7/26/2011	10/25/2011
	GW Stds	Sample ID	MW-1D-01192011	MW-1D-041811	MW-1D072611	MW1D102511
Chemical Name	(mg/l)	units	mg/l	mg/l	mg/l	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 U	0.13
Total Organic Carbon, Filtered	NS	mg/L	1 U	3	3.7	3.4
pH	NS	STD u	---	---	---	---

NOTES:

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Data have not been validated



Table 5
Groundwater Data - Geochemical
Forest Glen Superfund Site
Niagara Falls, New York

		Location ID	MW-01D	MW-1D	X-1	MW-1D
	Class GA	Sample Date	3/20/2012	8/7/2012	8/7/2012	12/18/2012
	GW Stds	Sample ID	MW1D032012	MW1D080712	MW1D080712	MW-1D-121812
Chemical Name	(mg/l)	units	mg/l	mg/l	mg/l	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, Filtered	NS	mg/L	0.89	1.5	1.3	2.8
pH	NS	STD u	---	---	---	---

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Table 5
Groundwater Data - Geochemical
Forest Glen Superfund Site
Niagara Falls, New York

		Location ID	MW-1D	MW-1D	MW-1D	MW-1D
	Class GA	Sample Date	5/21/2013	8/19/2013	12/19/2013	3/25/2014
	GW Stds	Sample ID	MW-1D-052113	MW-1D-081913	MW-1D-121913	MW-1D-032514
Chemical Name	(mg/l)	units	mg/l	mg/l	mg/l	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, Filtered	NS	mg/L	5.2	3.5	3.8	5.4
pH	NS	STD u	---	---	---	---

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Table 5
Groundwater Data - Geochemical
Forest Glen Superfund Site
Niagara Falls, New York

		Location ID	MW-1D	MW-1D	MW-1D	X-1
	Class GA	Sample Date	9/23/2014	4/11/2017	9/12/2017	9/12/2017
	GW Stds	Sample ID	MW1D092314	MW1D041117	MW1D091217	MW1D091217
Chemical Name	(mg/l)	units	mg/l	mg/l	mg/l	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, Filtered	NS	mg/L	3.3	2.4	3.4 B	4.2 B
pH	NS	STD u	---	---	---	---

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Table 5
Groundwater Data - Geochemical
Forest Glen Superfund Site
Niagara Falls, New York

		Location ID	MW-1D	MW-1D	MW-1D	MW-01D
	Class GA	Sample Date	9/19/2018	3/18/2019	9/25/2019	3/17/2020
	GW Stds	Sample ID	MW1D091918	MW1D031819	MW1D 09252019	MW 1D 031720
Chemical Name	(mg/l)	units	mg/l	mg/l	mg/L	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, Filtered	NS	mg/L	2.7 B	2.8 B	3.6	3.8
pH	NS	STD u	---	---	---	---

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Table 5
Groundwater Data - Geochemical
Forest Glen Superfund Site
Niagara Falls, New York

		Location ID	MW-01D	MW-01D	MW-01D	MW-01D
	Class GA	Sample Date	9/22/2020	3/22/2021	9/21/2021	3/21/2022
	GW Stds	Sample ID	MW 1D 092220	MW-1D_032221	MW1D 092121	MW1D 032122
Chemical Name	(mg/l)	units	mg/L	mg/l	mg/l	mg/l
Alkalinity (As Caco3)	NS	mg/L	360	321	323	371
Chloride	250	mg/L	[250]	[561]	[367]	[493]
Nitrate (as N)	10	mg/L	0.050 UH	0.050 U	< 0.050 U	0.050 U H
Nitrite (as N)	1	mg/l	0.050 UH	0.050 U	< 0.050 U H	0.050 U H
Nitrite-Nitrate Nitrogen	NS	mg/L	---	---	--	---
Sulfate	250	mg/l	168	207	182	205
Total Sulfides	NS	mg/l	1.0 U	1.0 U	< 1.0 U	1.0 U
Total Organic Carbon, Filtered	NS	mg/L	4.2	3.9	3.8	4.8
pH	NS	STD u	---	---	--	---

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Table 5
Groundwater Data - Geochemical
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW Stds (mg/l)	Location ID Sample Date Sample ID units	MW-01D 9/27/2022 MW1D 092722	MW-01D 3/28/2023 MW1D 032823		
			mg/L	mg/L		
Alkalinity (As Caco3)	NS	mg/L	369	387		
Chloride	250	mg/L	[347]	[579]		
Nitrate (as N)	10	mg/L	0.050 U	0.050 U H		
Nitrite (as N)	1	mg/l	0.050 U	0.050 U H		
Nitrite-Nitrate Nitrogen	NS	mg/L	---	---		
Sulfate	250	mg/l	188	203		
Total Sulfides	NS	mg/l	1.0 U	1.0 U		
Total Organic Carbon, Filtered	NS	mg/L	12.5	3.3		
pH	NS	STD u	---	---		

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Table 5
Groundwater Data - Geochemical
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW Stds (mg/l)	Location ID	MW-04S	MW-04S	MW-04S	MW-04S
		Sample Date	2/17/2000	8/15/2001	11/29/2001	2/28/2002
		Sample ID	MW-04S_WG_021700	MW-04S_WG_081501	MW-04S_WG_112901	MW-04S_WG_022802
		units	mg/l	mg/l	mg/l	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, Filtered	NS	mg/L	5	2	4	1 U
pH	NS	STD u	7.9	---	---	---

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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 Sample Date Sample ID units	MW-04S 5/14/2002 MW-04S_WG_051402	MW-04S 11/17/2004 MW-04S_WG_111704	MW-04S 11/16/2005 MW-4S_11162005	MW-04S 11/16/2006 MW-4S_11162006
			mg/l	mg/l	mg/l	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, Filtered	NS	mg/L	3	17	12	30
pH	NS	STD u	---	---	---	---

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Table 5
Groundwater Data - Geochemical
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW Stds (mg/l)	Location ID Sample Date Sample ID units	MW-04S 10/31/2007 MW 4-S-103107	MW-04S 11/18/2008 MW 4-S-111808	MW-04S 10/21/2009 MW-4S-10212009	MW-04S 05/19/2010 W-4S-0519100519201
			mg/l	mg/l	mg/l	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, Filtered	NS	mg/L	3.7	43	3.9	1 U
pH	NS	STD u	---	---	---	---

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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 Sample Date Sample ID units	MW-04S 01/20/2011 MW-4S-01202011	MW-04S 4/21/2011 MW-4S-042111	MW-04S 7/28/2011 MW-4S 072811	MW-04S 10/27/2011 MW4S102711
			mg/l	mg/l	mg/l	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, Filtered	NS	mg/L	2.5	5	1 U	1.5
pH	NS	STD u	---	---	---	---

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Table 5
Groundwater Data - Geochemical
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW Stds (mg/l)	Location ID Sample Date Sample ID units	MW-04S 3/22/2012 MW4S032212	MW-4S 8/9/2012 MW4S080912	MW-4S 12/20/2012 MW-4S-122012	MW-4S 5/22/2013 MW-4S-052213
			mg/l	mg/l	mg/l	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, Filtered	NS	mg/L	3.1	1.8	2.1	11.6
pH	NS	STD u	---	---	---	---

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Table 5
Groundwater Data - Geochemical
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW Stds (mg/l)	Location ID Sample Date Sample ID units	MW-4S 8/22/2013 MW-4S-082213	MW-4S 12/19/2013 MW-4S-082213	MW-4S 3/27/2014 MW-4S-032714	MW-4S 6/11/2014 MW-4S-061114
			mg/l	mg/l	mg/l	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, Filtered	NS	mg/L	3.7	3.2	5.2	3.4
pH	NS	STD u	---	---	---	---

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Table 5
Groundwater Data - Geochemical
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW Stds (mg/l)	Location ID Sample Date Sample ID units	MW-4S 9/23/2014 MW-4S-092414	MW-4S 4/13/2017 MW-4S-041317	MW-4S 9/14/2017 MW-4S-091417	MW-4S 9/14/2017 MW-4S-091417
			mg/l	mg/l	mg/l	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, Filtered	NS	mg/L	---	2.4	7.1 B	3.1
pH	NS	STD u	---	---	---	---

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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 Sample Date Sample ID units	MW-4S 3/20/2019 MW-4S-032019	MW-4S 9/25/2019 MW-4S-092519	MW-04S 3/19/2020 MW 4S 031920	MW-04S 9/22/2020 MW 4S 092220
			mg/l	mg/L	mg/L	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, Filtered	NS	mg/L	3.1	3.9	3.4	
pH	NS	STD u	---	---	---	

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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 Sample Date Sample ID units	MW-04S 3/25/2021 MW4S032521	MW-04S 9/23/2021 MW4S 092321	MW-04S 3/22/2022 MW4S 032222	MW-04S 9/29/2022 MW 4S 092922	MW-04S 3/28/2023 MW4S 032823
			mg/l	mg/l	mg/l	mg/L	mg/L
Alkalinity (As Caco3)	NS	mg/L	404	279	402	Not Sampled	456
Chloride	250	mg/L	68	5.9	69.9		49.2
Nitrate (as N)	10	mg/L	0.083	0.20	0.050 U		0.13
Nitrite (as N)	1	mg/l	0.050 U	0.026 J	0.063		0.022 J B
Nitrite-Nitrate Nitrogen	NS	mg/L	---	---	---		---
Sulfate	250	mg/l	[616]	155	[487]		[594]
Total Sulfides	NS	mg/l	1.0 U	0.80 J	< 1.0 U		1.0 U
Total Organic Carbon, Filtered	NS	mg/L	5.0	17.5	4.7		3.2
pH	NS	STD u	---	---	---		---

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Table 5
Groundwater Data - Geochemical
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW Stds (mg/l)	Location ID	MW-04D	MW-04D	MW-04D	MW-04D
		Sample Date	2/17/2000	8/15/2001	11/29/2001	2/28/2002
		Sample ID	MW-04D_WG_021700	MW-04D_WG_081501	MW-04D_WG_112901	MW-04D_WG_022802
		units	mg/l	mg/l	mg/l	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	---	---	---

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Table 5
Groundwater Data - Geochemical
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW Stds (mg/l)	Location ID Sample Date Sample ID units	MW-04D 5/14/2002	MW-04D 11/17/2004	MW-04D 11/16/2005	MW-04D 11/15/2006
			MW-04D_WG_051402	MW-04D_WG_111704	MW-4D_11162005	MW-4D_11152006
			mg/l	mg/l	mg/l	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



Table 5
Groundwater Data - Geochemical
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW Stds (mg/l)	Location ID Sample Date Sample ID units	MW-04D 10/31/2007 MW 4-D-103107	MW-04D 11/19/2008 MW 4-D-111908	MW-04D 10/21/2009 MW-4D-10212009	MW-04D 05/19/2010 W-4D-0519100519201
			mg/l	mg/l	mg/l	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, Filtered	NS	mg/L	4.6	3.5	4.4	3.2
pH	NS	STD u	---	---	---	---

NOTES:

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H - Sample analyzed beyond the specified holding time

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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 Sample Date Sample ID units	MW-04D 01/20/2011 MW-4D-01202011	MW-04D 4/21/2011 MW-4D-042111	MW-04D 7/28/2011 MW-4D 072811	MW-04D 3/22/2012 MW4D032212
			mg/l	mg/l	mg/l	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:

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Table 5
Groundwater Data - Geochemical
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW Stds (mg/l)	Location ID Sample Date Sample ID units	MW-04D 10/26/2011 MW4D102611	MW-4D 8/9/2012 MW4D080912	MW-4D 12/20/2012 MW-4D-122012	MW-4D 5/22/2013 MW-4D-052213
			mg/l	mg/l	mg/l	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, Filtered	NS	mg/L	3.3	1.4	3.3	4.7
pH	NS	STD u	---	---	---	---

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Table 5
Groundwater Data - Geochemical
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW Stds (mg/l)	Location ID Sample Date Sample ID units	MW-4D 8/21/2013 MW-4D-082113	MW-4D 12/19/2013 MW-4D-121913	MW-4D 3/27/2014 MW-4D-032714	MW-4D 6/10/2014 MW-4D-061014
			mg/l	mg/l	mg/l	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	---	---	---	---

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Table 5
Groundwater Data - Geochemical
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW Stds (mg/l)	Location ID Sample Date Sample ID units	MW-4D 9/25/2014 MW 4D 092514	MW-4D 4/13/2017 MW 4D 041317	MW-4D 9/14/2017 MW 4D 091417	MW-4D 9/19/2018 MW 4D 091918
			mg/l	mg/l	mg/l	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	---	---	---	---

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Table 5
Groundwater Data - Geochemical
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW Stds (mg/l)	Location ID Sample Date Sample ID units	MW-4D 3/20/2019 MW 4D 032019	MW-4D 9/25/2019 MW-4D-092519	MW-04D 3/19/2020 MW 4D 031920	MW-04D 9/23/2020 MW 4D 092320
			mg/l	mg/L	mg/L	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:

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Table 5
Groundwater Data - Geochemical
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW Stds (mg/l)	Location ID Sample Date Sample ID units	MW-04D 3/24/2021 MW4D032421	MW-04D 9/21/2021 MW4D 092121	MW-04D 3/22/2022 MW4D 032222	MW-04D 9/29/2022 MW4D 092922
			mg/l	mg/l	mg/l	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, Filtered	NS	mg/L	3.9	4.5	4.1	29.1 ^2
pH	NS	STD u	---	--	---	---

NOTES:

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R - unusable, NS - no standard, Dup - duplicate sample, --- Not Analyzed

H - Sample analyzed beyond the specified holding time

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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 Sample Date Sample ID units	MW-04D 3/29/2023 MW4D 032923	MW-04D 3/29/2023 DUP 032923		
			mg/L	mg/L		
Alkalinity (As Caco3)	NS	mg/L	356	368		
Chloride	250	mg/L	302	[301]		
Nitrate (as N)	10	mg/L	0.050 U	0.050 U		
Nitrite (as N)	1	mg/l	0.050 U	0.050 U		
Nitrite-Nitrate Nitrogen	NS	mg/L	---	---		
Sulfate	250	mg/l	[268]	[270]		
Total Sulfides	NS	mg/l	0.80 J	1.0 U		
Total Organic Carbon, Filtered	NS	mg/L	3.3	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 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	MW-05S	MW-05S	MW-05S	MW-05S
		Sample Date	2/17/2000	8/14/2001	11/29/2001	2/27/2002
		Sample ID	MW-05S_WG_021700	MW-05S_WG_081401	MW-05S_WG_112901	MW-05S_WG_022702
		units	mg/l	mg/l	mg/l	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, Filtered	NS	mg/L	6	2 UJ	9	2
pH	NS	STD u	7.1	---	---	---

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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	MW-05S	MW-05S	MW-05S	MW-05S
		Sample Date	5/15/2002	11/17/2004	11/15/2005	11/14/2006
		Sample ID	MW-05S_WG_051502	MW-05S_WG_111704	MW-5S_11152005	MW-5S_11142006
		units	mg/l	mg/l	mg/l	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, Filtered	NS	mg/L	6	5.2	8.6	16
pH	NS	STD u	---	---	---	---

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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	MW-05S	MW-05S	MW-05S	MW-05S
		Sample Date	10/30/2007	11/19/2008	10/21/2009	05/19/2010
		Sample ID	MW 5 S-103007	MW-05S_WG_111908	MW-5S-10212009	W-5S-0519100519201
		units	mg/l	mg/l	mg/l	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, Filtered	NS	mg/L	6.6	5.1	4.8	0.4 J
pH	NS	STD u	---	---	---	---

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Table 5
Groundwater Data - Geochemical
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW Stds (mg/l)	Location ID	MW-05S	MW-05S	MW-05S	MW-05S
		Sample Date	01/20/2011	4/20/2011	7/28/2011	10/27/2011
		Sample ID	MW-5S-01202011	MW-5S-042011	MW-5S 072811	MW5S102711
		units	mg/l	mg/l	mg/l	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, Filtered	NS	mg/L	5	4.2	1 U	2.9
pH	NS	STD u	---	---	---	---

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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	MW-05S	MW-5S	MW-5S	MW-5S
		Sample Date Sample ID	3/22/2012 MW5S032212	8/9/2012 MW5S080912	12/19/2012 MW-5S-121912	5/22/2013 MW-5S-052213
		units	mg/l	mg/l	mg/l	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, Filtered	NS	mg/L	5.8	2.5	4.1	14.3
pH	NS	STD u	---	---	---	---

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Table 5
Groundwater Data - Geochemical
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW Stds (mg/l)	Location ID	MW-5S	MW-5S	MW-5S	MW-5S
		Sample Date Sample ID	8/21/2013 MW-5S-082113	12/19/2013 MW-5S-121913	3/27/2014 MW-5S-032714	6/10/2014 MW-5S-061014
		units	mg/l	mg/l	mg/l	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, Filtered	NS	mg/L	5.9	5.7	4.8	4.9
pH	NS	STD u	---	---	---	---

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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	MW-5S	MW-5S	MW-5S	MW-5S
		Sample Date Sample ID	9/25/2014 MW 5S 092514	4/12/017 MW 5S 041217	9/14/2017 MW 5S 091417	9/20/2018 MW 5S 092018
		units	mg/l	mg/l	mg/l	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, Filtered	NS	mg/L	5.1	2.7	4.5 B	5.2 B
pH	NS	STD u	---	---	---	---

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Table 5
Groundwater Data - Geochemical
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW Stds (mg/l)	Location ID	MW-5S	MW-05S	MW-05S	MW-05S
		Sample Date Sample ID	3/20/2019 MW 5S 032019	9/25/2019 MW-5S-092519	3/19/2020 MW 5S 031920	9/24/2020 MW 5S 092420
		units	mg/l	mg/L	mg/L	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, Filtered	NS	mg/L	2.7	6.3	3.3	18.8
pH	NS	STD u	---	---	---	---

NOTES:

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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	MW-05S	MW-05S	MW-05S	MW-05S	MW-05S
		Sample Date Sample ID	3/25/2021 MW5S032521	9/22/2021 MW5S 092221	3/22/2022 MW5S 032222	9/27/2022 MW5S 092722	3/28/2023 MW5S 032823
		units	mg/l	mg/l	mg/l	mg/L	mg/L
Alkalinity (As Caco3)	NS	mg/L	272	272	203	336	201
Chloride	250	mg/L	14.9	19.5	15.4	13.6	[280]
Nitrate (as N)	10	mg/L	0.15	0.20	0.050 U	0.050 U	0.032 J
Nitrite (as N)	1	mg/l	0.050 U	0.029 J	0.090	0.050 U	0.050 U
Nitrite-Nitrate Nitrogen	NS	mg/L	---	---	---	---	---
Sulfate	250	mg/l	[266]	164	196	171	68.2
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	5.4	8.9	3.6	9.1	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 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	MW-05D	MW-05D	MW-05D	MW-05D
		Sample Date	2/17/2000	8/14/2001	11/29/2001	2/27/2002
		Sample ID	MW-05D_WG_021700	MW-05D_WG_081401	MW-05D_WG_112901	MW-05D_WG_022702
Chemical Name	(mg/l)	units	mg/l	mg/l	mg/l	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



Table 5
Groundwater Data - Geochemical
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW Stds (mg/l)	Location ID	MW-05D	MW-05D	MW-05D	MW-05D
		Sample Date	5/15/2002	11/17/2004	11/15/2005	11/14/2006
		Sample ID	MW-05D_WG_051502	MW-05D_WG_111704	MW-5D_11152005	MW-5D_11142006
		units	mg/l	mg/l	mg/l	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



Table 5
Groundwater Data - Geochemical
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW Stds (mg/l)	Location ID	MW-05D	MW-05D	MW-05D	MW-05D
		Sample Date	10/30/2007	11/19/2008	10/21/2009	5/19/2010
		Sample ID	MW 5 D-103007	MW 5 D-111908	MW-5D-10212009	MW-5D-051910
		units	mg/l	mg/l	mg/l	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:

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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	MW-05D	MW-05D	MW-05D	MW-05D
		Sample Date	1/20/2011	4/20/2011	7/28/2011	10/27/2011
		Sample ID	MW-5D_01202011	MW-5D-042011	MW-5D 072811	MW5D102711
		units	mg/l	mg/l	mg/l	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:

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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	MW-05D	MW-5D	MW-5D	MW-05D
		Sample Date Sample ID	3/22/2012 MW5D032212	8/9/2012 MW5D080912	12/19/2012 MW-5D-121912	5/22/2013 MW-5D_052213
		units	mg/l	mg/l	mg/l	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

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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	MW-05D	MW-05D	MW-5D	MW-5D
		Sample Date Sample ID	8/21/2013 MW-5D_082113	12/19/2013 MW-5D-121913	3/27/2014 MW-5D-032714	6/10/2014 MW-5D-061014
		units	mg/l	mg/l	mg/l	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:

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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	MW-5D	MW-5D	MW-5D	MW-5D
		Sample Date Sample ID	9/25/2014 MW 5D 092514	4/12/017 MW 5D 041217	9/14/2017 MW 5D 091417	9/19/2018 MW 5D 091918
Chemical Name	(mg/l)	units	mg/l	mg/l	mg/l	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:

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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	MW-5D	MW-5D	MW-5D	MW-05D
		Sample Date	3/20/2019	9/25/2019	9/25/2019	3/19/2020
		Sample ID	MW 5D 032019	MW-5D-092519	X-1-092519	MW 5D 031920
Chemical Name	(mg/l)	units	mg/l	mg/L	mg/L	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:

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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 Sample Date Sample ID	MW-05D 9/23/2020 MW 5D 092320	MW-05D 3/24/2021 MW5D032421	MW-05D 9/21/2021 MW5D 092121	MW-05D 3/22/2022 MW5D 032222	MW-05D 9/27/2022 MW5D 092722	MW-05D 3/28/2023 MW5D 032823
		units	mg/L	mg/l	mg/l	mg/l	mg/L	mg/L
Alkalinity (As Caco3)	NS	mg/L	380 B	355	340	339	409	384
Chloride	250	mg/L	191	202	198	203	206	209
Nitrate (as N)	10	mg/L	0.05 U H	0.050 U	< 0.050 U	0.050 U	0.050 U	0.050 U H
Nitrite (as N)	1	mg/l	0.05 U H	0.050 U	< 0.050 U H	0.050 U	0.050 U	0.050 U H
Nitrite-Nitrate Nitrogen	NS	mg/L	---	---	--	---	---	---
Sulfate	250	mg/l	198	220	223	195	237	192
Total Sulfides	NS	mg/l	1.0 U	1.0 UH	< 1.0 U	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	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



Table 5
Groundwater Data - Geochemical
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW Stds (mg/l)	Location ID	MW-06S	MW-06S	MW-06S	MW-06S
		Sample Date	2/15/2000	8/15/2001	11/29/2001	2/27/2002
		Sample ID	MW-06S_WG_021500	MW-06S_WG_081501	MW-06S_WG_112901	MW-06S_WG_022702
		units	mg/l	mg/l	mg/l	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:

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H - Sample analyzed beyond the specified holding time

[] - Exceeds NYS Class GA Ground Water Quality Standard

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 Sample Date Sample ID units	MW-06S 5/15/2002 MW-06S_WG_051502	MW-06S 11/16/2004 MW-06S_WG_111604	MW-06S 11/15/2005 MW-6S_11152005	MW-06S 11/13/2006 MW-6S_11132006
			mg/l	mg/l	mg/l	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:

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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 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 Sample Date Sample ID units	MW-06S 10/31/2007 MW-6S-103107	MW-06S 11/19/2008 MW-6S-111908	MW-06S 10/21/2009 MW-6S-10212009	MW-06S 05/19/2010 W-6S-0519100519201
			mg/l	mg/l	mg/l	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 not been validated



Table 5
Groundwater Data - Geochemical
Forest Glen Superfund Site
Niagara Falls, New York

		Location ID	MW-06S	MW-06S	MW-06S	MW-06S
	Class GA	Sample Date	01/19/2011	4/20/2011	7/26/2011	10/26/2011
	GW Stds	Sample ID	MW-6S-01192011	MW-6S-042011	MW-6S072611	MW6S102611
Chemical Name	(mg/l)	units	mg/l	mg/l	mg/l	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 U	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



Table 5
Groundwater Data - Geochemical
Forest Glen Superfund Site
Niagara Falls, New York

		Location ID	MW-06S	MW-6S	MW-6S	MW-6S
	Class GA	Sample Date	3/20/2012	8/7/2012	12/19/2012	5/21/2013
	GW Stds	Sample ID	MW6S032012	MW6S080712	MW-6S-121912	MW-6S-052113
Chemical Name	(mg/l)	units	mg/l	mg/l	mg/l	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:

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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 Sample Date Sample ID units	MW-6S 8/21/2013 MW-6S-082113	MW-6S 12/18/2013 MW-6D-121813	MW-6S 3/25/2014 MW-6S-032514	MW-6S 6/11/2014 MW-6S-061114
			mg/l	mg/l	mg/l	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:

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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

		Location ID	MW-6S	MW-6S	MW-6S	MW-6S
	Class GA	Sample Date	9/23/2014	4/11/2017	9/14/2017	9/20/2018
	GW Stds	Sample ID	MW6S092314	MW6S041117	MW6S091417	MW6S092018
Chemical Name	(mg/l)	units	mg/l	mg/l	mg/l	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:

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H - Sample analyzed beyond the specified holding time

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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 Sample Date Sample ID units	MW-6S 3/20/219 MW6S032019	MW-06S 9/25/2019 MW-6S-092519	MW-06S 3/17/2020 MW 6S 031720	MW-06S 9/23/2020 MW 6S 092320
			mg/l	mg/L	mg/L	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:

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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

		Location ID	MW-06S	MW-06S	MW-06S	MW-06S	MW-06S
	Class GA	Sample Date	3/24/2021	9/21/2021	3/22/2022	9/27/2022	3/28/2023
	GW Stds	Sample ID	MW6S032421	MW6S 092121	MW6S 032222	MW6S 092722	MW6S 032823
Chemical Name	(mg/l)	units	mg/l	mg/l	mg/l	mg/L	mg/L
Alkalinity (As Caco3)	NS	mg/L	397	384	410	336	384
Chloride	250	mg/L	39.6	33.4	38.7	34.4	59.6
Nitrate (as N)	10	mg/L	0.17	< 0.050 U H	0.050 U	0.050 U	0.050 U H
Nitrite (as N)	1	mg/l	0.05 U	< 0.050 U H	0.050 U	0.050 U	0.050 U H
Nitrite-Nitrate Nitrogen	NS	mg/L	---	--	---	---	---
Sulfate	250	mg/l	[261]	[325]	228	280	160
Total Sulfides	NS	mg/l	< 1.0 UH	< 1.0 U	1.0 U	1.0 U	1.0 U
Total Organic Carbon, Filtere	NS	mg/L	4.8	5.3	4.5	19.1	4.0
pH	NS	STD u	---	--	---	---	---

NOTES:

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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	MW-06D	MW-06D	MW-06D	MW-06D
		Sample Date	2/15/2000	8/15/2001	11/29/2001	2/27/2002
		Sample ID	MW-06D_WG_021500	MW-06D_WG_081501	MW-06D_WG_112901	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:

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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	MW-06D	MW-06D	MW-06D	MW-06D
		Sample Date	5/15/2002	11/16/2004	11/15/2005	10/30/2007
Chemical Name	Class GA GW Stds (mg/l)	Sample ID	MW-06D_WG_051502	MW-06D_WG_111604	MW-6D_11152005	MW 6 D-103007
		units	mg/l	mg/l	mg/l	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:

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[] - 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	MW-06D	MW-06D	MW-06D	MW-06D
		Sample Date	11/19/2008	10/21/2009	5/19/2010	1/19/2011
		Sample ID	MW 6 D-111908	MW-6D-10212009	W-6D-051910051920	MW-6D-01192011
		units	mg/l	mg/l	mg/l	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:

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H - Sample analyzed beyond the specified holding time

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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	MW-06D	MW-06D	MW-06D	MW-06D
		Sample Date Sample ID	4/20/2011 MW-6D-042011	7/26/2011 MW-6D072611	10/26/2011 MW6D102611	3/20/2012 MW6D032012
		units	mg/l	mg/l	mg/l	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 U	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:

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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	X-1	MW-6D	MW-6D	MW-6D
		Sample Date Sample ID	3/20/2012 MW6D032012	8/7/2012 MW6D080712	12/19/2012 MW-6D-121912	5/21/2013 MW-6D-052113
		units	mg/l	mg/l	mg/l	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:

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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	X-1	MW-6D	MW-6D	MW-6D
		Sample Date Sample ID	5/21/2013 MW-6D-052113	8/21/2013 MW-6D-082113	12/18/2013 MW-6D-121813	3/25/2014 MW-6D-032514
		units	mg/l	mg/l	mg/l	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	---	---	---	---

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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	MW-6D	MW-6D	MW-6D	MW-6D
		Sample Date Sample ID	6/10/2014 MW-6D-061014	9/23/2014 MW6D092314	4/11/2017 MW6D041117	9/12/2017 MW6D091217
		units	mg/l	mg/l	mg/l	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	---	---	---	---

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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	MW-6D	MW-6D	MW-06D	MW-06D
		Sample Date Sample ID	9/19/2018 MW6D091918	3/20/2019 MW6D032019	9/24/2019 MW-6D-092419	3/17/2020 MW 6D 031720
		units	mg/l	mg/l	mg/L	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	---	---	---	---

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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	MW-06D	MW-06D	MW-06D	MW-06D	MW-06D	MW-06D
		Sample Date Sample ID	9/22/2020 MW 6D 092220	3/23/2021 MW-6D_032321	9/21/2021 MW6D 092121	3/22/2022 MW6D 032222	9/27/2022 MW6D 092722	3/28/2023 MW6D 032823
		units	mg/L	mg/l	mg/l	mg/l	mg/L	mg/L
Alkalinity (As Caco3)	NS	mg/L	356	296	306	338	354	332
Chloride	250	mg/L	245	198	188	185	[265]	117
Nitrate (as N)	10	mg/L	0.05 U H	0.050 U	< 0.050 U H	0.050 U	0.050 U	0.050 U H
Nitrite (as N)	1	mg/l	0.05 U H	0.050 U	< 0.050 U H	0.050 U	0.050 U	0.050 U H
Nitrite-Nitrate Nitrogen	NS	mg/L	---	---	--	---	---	---
Sulfate	250	mg/l	233	[268]	[256]	[254]	244	178
Total Sulfides	NS	mg/l	0.8 J	1.0 U	< 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	4.0
pH	NS	STD u	---	---	--	---	---	---

NOTES:

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H - Sample analyzed beyond the specified holding time

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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 Sample Date Sample ID	MW-06DD 11/14/2005 MW-6DD_11142005	MW-06DD 11/15/2006 MW-6DD_11152006	MW-06DD 10/30/2007 MW 6 DD-103007	MW-06DD 11/19/2008 MW 6 DD-111908
		units	mg/l	mg/l	mg/l	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	---	---	---	---

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H - Sample analyzed beyond the specified holding time

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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 Sample Date Sample ID	MW-06DD 10/21/2009 MW-6DD-10212009	MW-06DD 05/19/2010 N-6DD-051910051920	MW-06DD 01/19/2011 MW-6DD-01192011	MW-06DD 4/20/2011 MW-6DD-042011
		units	mg/l	mg/l	mg/l	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:

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H - Sample analyzed beyond the specified holding time

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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 Sample Date Sample ID	MW-06DD 7/26/2011 MW-6DD072611	MW-06DD 10/26/2011 MW6DD102611	MW-06DD 3/20/2012 MW6DD032012	MW-6DD 8/7/2012 MW6DD080712
		units	mg/l	mg/l	mg/l	mg/l
Alkalinity (As CaCO ₃)	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 U	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:

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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 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 Sample Date Sample ID	MW-6DD 12/19/2012 MW-6DD-121912	MW-6DD 5/21/2013 MW-6DD-052113	MW-6DD 8/21/2013 MW-6DD-082113	MW-6DD 12/18/2013 MW-6DD-121813
		units	mg/l	mg/l	mg/l	mg/l
Alkalinity (As CaCO ₃)	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:

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R - unusable, NS - no standard, Dup - duplicate sample, --- Not Analyzed

H - Sample analyzed beyond the specified holding time

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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 Sample Date Sample ID	MW-6DD 3/25/2014 MW-6DD-032514	MW-6DD 6/10/2014 MW-6DD-061014	MW-6DD 9/23/2014 MW6DD092314	MW-6DD 4/11/2017 MW6DD041117
		units	mg/l	mg/l	mg/l	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

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H - Sample analyzed beyond the specified holding time

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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 Sample Date Sample ID	MW-6DD 9/12/2017 MW6DD091217	MW-6DD 9/19/2018 MW6DD091918	MW-6DD 3/20/2019 MW6DD032019	MW-6DD 9/24/2019 MW-6DD-092419
		units	mg/l	mg/l	mg/l	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 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 Sample Date Sample ID	MW-06DD 3/17/2020 MW 6DD 031720	MW-06DD 9/22/2020 MW 6DD 092220	MW-06DD 3/23/2021 MW-6DD_032321	MW-06DD 9/21/2021 MW6DD 092121
		units	mg/L	mg/L	mg/l	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:

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H - Sample analyzed beyond the specified holding time

[] - Exceeds NYS Class GA Ground Water Quality Standard

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 Sample Date Sample ID	MW-06DD 3/22/2022 MW6DD 032222	MW-06DD 9/27/2022 MW6DD 092722	MW-06DD 3/28/2023 MW6DD 032823	
		units	mg/l	mg/L	mg/L	
Alkalinity (As Caco3)	NS	mg/l	270	300	274	
Chloride	250	mg/l	147	[270]	116	
Nitrate (as N)	10	mg/l	0.050 U	0.050 U	0.090 H	
Nitrite (as N)	1	mg/l	0.11	0.050 U	0.050 U H	
Nitrite-Nitrate Nitrogen	NS	mg/l	---	---	---	
Sulfate	250	mg/l	164	[345]	113	
Total Sulfides	NS	mg/l	< 1.0 U	1.0 U	1.0 U	
Total Organic Carbon, Filtered	NS	mg/l	5.2	7.7	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

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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 Sample Date	MW-07S 2/18/2000	MW-07S 8/16/2001	MW-07S 11/28/2001	MW-07S 2/25/2002
		Sample ID	MW-07S_WG_021800	MW-07S_WG_081601	MW-07S_WG_112801	MW-07S_WG_022502
		units	mg/l	mg/l	mg/l	mg/l
Alkalinity (As CaCO ₃)	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:

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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 Sample Date Sample ID	MW-07S 5/16/2002 MW-07S_WG_051602	MW-07S 11/15/2004 MW-07S_WG_111504	MW-07S 11/16/2005 MW-7S_11162005	MW-07S 11/15/2006 MW-7S_11152006
		units	mg/l	mg/l	mg/l	mg/l
Alkalinity (As CaCO ₃)	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	---	---	---	---

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H - Sample analyzed beyond the specified holding time

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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 Sample Date Sample ID	MW-07S 10/31/2007 MW 7-S-103107	MW-07S 11/20/2008 MW 7-S-112008	MW-07S 10/20/2009 MW-7S-10202009	MW-07S 05/17/2010 W-7S-0517100517201
		units	mg/l	mg/l	mg/l	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:

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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 Sample Date Sample ID	MW-07S 1/18/2011 MW 7-S-01182011	MW-07S 4/19/2011 MW-7S-041911	MW-07S 7/27/2011 MW-7S072711	MW-07S 10/26/2011 MW7S102611
		units	mg/l	mg/l	mg/l	mg/l
Alkalinity (As CaCO ₃)	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 U	0.1 U
Total Organic Carbon, Filtered	NS	mg/l	3.6	8.9	3.6	4
pH	NS	STD u	---	---	---	---

NOTES:

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H - Sample analyzed beyond the specified holding time

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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 Sample Date Sample ID	MW-07S 3/21/2012 MW7S032112	MW-7S 8/8/2012 MW7S080812	MW-7S 12/18/2012 MW-7S-121812	MW-7S 5/23/2013 MW-7S-052313
		units	mg/l	mg/l	mg/l	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	---	---	---	---

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H - Sample analyzed beyond the specified holding time

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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	MW-7S	MW-7S	MW-7S	MW-7S
		Sample Date Sample ID	8/20/2013 MW-7S-082013	12/17/2013 MW-7S-121713	3/26/2014 MW-7S-032614	6/11/2014 MW-7S-061114
		units	mg/l	mg/l	mg/l	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:

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H - Sample analyzed beyond the specified holding time

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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 Sample Date Sample ID	MW-7S 9/24/2014 MW7S092414	MW-7S 4/12/2017 MW7S041217	MW-7S 9/13/2017 MW7S091317	MW-7S 9/18/2018 MW7S091818
		units	mg/l	mg/l	mg/l	mg/l
Alkalinity (As CaCO ₃)	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:

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H - Sample analyzed beyond the specified holding time

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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 Sample Date Sample ID	MW-7S 3/19/2019 MW7S031919	MW-07S 9/24/2019 MW-7S-092419	MW-07S 3/18/2020 MW 7S 031820	MW-07S 9/23/2020 MW 7S 092320
		units	mg/l	mg/L	mg/L	mg/L
Alkalinity (As CaCO ₃)	NS	mg/l	147 B	246	220	Not Sampled
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	---	---	---	

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H - Sample analyzed beyond the specified holding time

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Table 5
Groundwater Data - Geochemical
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW STDs (mg/l)	Location ID Sample Date Sample ID units	MW-07S 3/25/2021 MW7S032521	MW-07S 9/22/2021 MW7S 092221	MW-07S 3/23/2022 MW7S 032222	MW-07S 9/28/2022 MW7S 092822	MW-07S 3/29/2023 MW7S 032923
			mg/l	mg/l	mg/l	mg/L	mg/L
Alkalinity (As Caco3)	NS	mg/l	381	265	244	195	283
Chloride	250	mg/l	123	57.1	33.5	9.3	25.5
Nitrate (as N)	10	mg/l	0.052	0.40	0.050 U	0.048 J	1.1
Nitrite (as N)	1	mg/l	0.021 J	0.048 J	0.050 U	0.033 J	0.050 U
Nitrite-Nitrate Nitrogen	NS	mg/l	---	---	---	---	---
Sulfate	250	mg/l	104	90.8	67.5	62.2	71.5
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	10.2	6.5	3.8	28.9	4.6
pH	NS	STD u	---	---	---	---	---

NOTES:

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H - Sample analyzed beyond the specified holding time

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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 Sample Date	MW-07D 2/18/2000	MW-07D 8/16/2001	MW-07D 11/28/2001	MW-07D 2/25/2002
		Sample ID	MW-07D_WG_021800	MW-07D_WG_081601	MW-07D_WG_112801	MW-07D_WG_022502
		units	mg/l	mg/l	mg/l	mg/l
Alkalinity (As CaCO ₃)	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	---	---	---

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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 Sample Date	MW-07D 5/16/2002	MW-07D 11/15/2004	MW-07D 11/16/2005	MW-07D 11/15/2006
		Sample ID	MW-07D_WG_051602	MW-07D_WG_111504	MW-7D_11162005	MW-7D_11152006
		units	mg/l	mg/l	mg/l	mg/l
Alkalinity (As CaCO ₃)	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	---	---	---	---

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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 Sample Date Sample ID	MW-07D 10/31/2007 MW 7-D-103107	MW-07D 11/20/2008 MW 7-D-112008	MW-07D 10/20/2009 MW-7D-10202009	MW-07D 05/17/2010 W-7D-0517100517201
		units	mg/l	mg/l	mg/l	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:

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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 Sample Date Sample ID	MW-07D 01/18/2011 MW-7D-01182011	MW-07D 4/19/2011 MW-7D-041911	MW-07D 7/27/2011 MW-7D072711	MW-07D 10/25/2011 MW7D102511
		units	mg/l	mg/l	mg/l	mg/l
Alkalinity (As CaCO ₃)	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 U	0.1 U
Total Organic Carbon, Filtered	NS	mg/l	4.4	6.8	3.4	3.8
pH	NS	STD u	---	---	---	---

NOTES:

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Table 5
Groundwater Data - Geochemical
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW STds (mg/l)	Location ID Sample Date Sample ID	MW-07D 10/25/2011 X-1	MW-07D 3/21/2012 MW7D032112	MW-7D 8/8/2012 MW7D080812	MW-7D 12/18/2012 MW-7D-121812
		units	mg/l	mg/l	mg/l	mg/l
Alkalinity (As CaCO ₃)	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	---	---	---	---

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H - Sample analyzed beyond the specified holding time

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Table 5
Groundwater Data - Geochemical
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW STds (mg/l)	Location ID Sample Date Sample ID	MW-7D 5/23/2013 MW-7D-052313	MW-7D 8/20/2013 MW-7D-082013	MW-7D 12/17/2013 MW-7D-121713	MW-7D 3/26/2014 MW-7D-032614
		units	mg/l	mg/l	mg/l	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	---	---	---	---

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[] - Exceeds NYS Class GA Ground Water Quality Standard

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 Sample Date Sample ID	MW-7D 6/11/2014 MW-7D-061114	MW-7D 9/24/2014 MW7D092414	MW-7D 4/12/2017 MW7D041217	MW-7D 9/13/2017 MW7D09132017
		units	mg/l	mg/l	mg/l	mg/l
Alkalinity (As CaCO ₃)	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	---	---	---	---

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Table 5
Groundwater Data - Geochemical
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW STds (mg/l)	Location ID	MW-7D	MW-7D	MW-07D	MW-07D
		Sample Date Sample ID	9/18/2018 MW7D091818	3/19/2019 MW7D031919	9/24/2019 MW-7D-092419	3/18/2020 MW 7D 031820
		units	mg/l	mg/l	mg/L	mg/L
Alkalinity (As CaCO ₃)	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	---	---	---	---

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Table 5
Groundwater Data - Geochemical
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW STds (mg/l)	Location ID Sample Date Sample ID	MW-07D 9/24/2020 MW 7D 092420	MW-07D 3/25/2021 MW7D032521	MW-07D 9/22/2021 MW7D 092221	MW-07D 3/23/2022 MW7D 032222
		units	mg/L	mg/l	mg/l	mg/l
Alkalinity (As CaCO ₃)	NS	mg/l	349	245	243	205
Chloride	250	mg/l	80.8	89.3	37.6	19.2
Nitrate (as N)	10	mg/l	0.09	0.15	0.55	0.050 U
Nitrite (as N)	1	mg/l	0.02 J	0.050 U	< 0.050 U	0.36
Nitrite-Nitrate Nitrogen	NS	mg/l	---	---	---	---
Sulfate	250	mg/l	105	109	69.5	46.1
Total Sulfides	NS	mg/l	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
pH	NS	STD u	---	---	---	---

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Table 5
Groundwater Data - Geochemical
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW STds (mg/l)	Location ID Sample Date Sample ID	MW-07D 9/28/2022 MW7D 092822	MW-07D 3/29/2023 MW7D 032923		
		units	mg/L	mg/L		
Alkalinity (As CaCO ₃)	NS	mg/l	198	245		
Chloride	250	mg/l	9.0	9.9		
Nitrate (as N)	10	mg/l	0.096	0.71		
Nitrite (as N)	1	mg/l	0.050 U	0.050 U		
Nitrite-Nitrate Nitrogen	NS	mg/l	---	---		
Sulfate	250	mg/l	66.1	45.1		
Total Sulfides	NS	mg/l	1.0 U	1.0 U		
Total Organic Carbon, Filtered	NS	mg/l	14.1	6.0		
pH	NS	STD u	---	---		

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Table 5
Groundwater Data - Geochemical
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW STds (mg/l)	Location ID Sample Date Sample ID	MW-07DD 11/16/2005 MW-7DD_11162005	MW-07DD 11/15/2006 MW-7DD(2)_11152006	MW-07DD 10/31/2007 MW 7-DD 2-103107	MW-07DD 11/20/2008 MW 7-DD 2-112008
		units	mg/l	mg/l	mg/l	mg/l
Alkalinity (As CaCO ₃)	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	---	---	---	---

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Table 5
Groundwater Data - Geochemical
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW STds (mg/l)	Location ID Sample Date Sample ID	MW-07DD 10/20/2009 MW-7DD-10202009	MW-07DD 05/17/2010 N-7DD-051710051720	MW-07DD 01/18/2011 MW-7DD-01182011	MW-07DD 4/19/2011 MW-7DD-041911
		units	mg/l	mg/l	mg/l	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	---	---	---	---

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Table 5
Groundwater Data - Geochemical
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW STds (mg/l)	Location ID Sample Date Sample ID	MW-07DD 7/27/2011 MW-7DD(2)072711	MW-07DD 10/26/2011 MW7DD102611	MW-07DD 3/21/2012 MW7DD032112	MW-7DD 8/8/2012 MW7DD080812
		units	mg/l	mg/l	mg/l	mg/l
Alkalinity (As CaCO ₃)	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	0.1 U	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	---	---	---	---

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Table 5
Groundwater Data - Geochemical
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW STds (mg/l)	Location ID Sample Date Sample ID	MW-7DD 12/18/2012 MW-7DD-121812	X-1 12/18/2012 MW-7DD-121812	MW-7DD 5/23/2013 MW-7DD-052313	MW-7DD 8/20/2013 MW-7DD-082013
		units	mg/l	mg/l	mg/l	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	---	---	---	---

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Table 5
Groundwater Data - Geochemical
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW STds (mg/l)	Location ID Sample Date Sample ID	MW-7DD 12/17/2013 MW-7DD-121713	MW-7DD 3/26/2014 MW-7DD-032614	MW-7DD-061114 6/11/2014 MW-7DD-061115	MW-7DD 9/24/2014 MW7DD092414
		units	mg/l	mg/l	mg/L	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	---	---	---	---

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Table 5
Groundwater Data - Geochemical
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW STds (mg/l)	Location ID Sample Date Sample ID	MW-7DD 4/12/2017 MW7DD041217	MW-7DD 9/13/2017 MW7DD09132017	MW-7DD 9/18/2018 MW7DD091818	MW-7DD 3/19/2019 MW7DD031919
		units	mg/l	mg/l	mg/l	mg/l
Alkalinity (As CaCO ₃)	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	---	---	---	---

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Table 5
Groundwater Data - Geochemical
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW STds (mg/l)	Location ID Sample Date Sample ID	MW-7DD 9/24/2019 MW-7DD-092419	MW-07DD 3/18/2020 MW 7DD 031820	MW-07DD 9/24/2020 MW 7DD 092420	MW-07DD 3/24/2021 MW7DD(2)032421
		units	mg/L	mg/L	mg/L	mg/l
Alkalinity (As CaCO ₃)	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	---	---	---	---

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Table 5
Groundwater Data - Geochemical
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW STds (mg/l)	Location ID Sample Date Sample ID	MW-07DD 9/23/2021 MW7DD 092321	MW-07DD 3/23/2022 MW7DD 032222	MW-07DD 9/28/2022 MW7DD 092822	MW-07DD 3/29/2023 MW7DD 032923
		units	mg/l	mg/l	mg/L	mg/L
Alkalinity (As Caco3)	NS	mg/l	237	214	254	270
Chloride	250	mg/l	59.4	32.3	43.3	41.8
Nitrate (as N)	10	mg/l	0.063	0.050 U	0.050 U	0.14
Nitrite (as N)	1	mg/l	0.028 J	0.23	0.050 U	0.050 U
Nitrite-Nitrate Nitrogen	NS	mg/l	--	---	---	---
Sulfate	250	mg/l	[451]	122	[302]	310
Total Sulfides	NS	mg/l	< 1.0 U	1.0 U	1.0 U	1.0 U
Total Organic Carbon, Filtered	NS	mg/l	5.6	4.9	38.2	3.8
pH	NS	STD u	--	---	---	---

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Table 5
Groundwater Data - Geochemical
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW STds (mg/l)	Location ID Sample Date	MW-08S 2/18/2000	MW-08S 8/16/2001	MW-08S 11/28/2001	MW-08S 2/25/2002
		Sample ID	MW-08S_WG_021800	MW-08S_WG_081601	MW-08S_WG_112801	MW-08S_WG_022502
		units	mg/l	mg/l	mg/l	mg/l
Alkalinity (As CaCO ₃)	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	---	---	---

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Table 5
Groundwater Data - Geochemical
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW STds (mg/l)	Location ID Sample Date	MW-08S 5/16/2002	MW-08S 11/16/2004	MW-08S 11/16/2005	MW-08S 11/15/2006
		Sample ID	MW-08S_WG_051602	MW-08S_WG_111604	MW-8S_11162005	MW-8S_11152006
		units	mg/l	mg/l	mg/l	mg/l
Alkalinity (As CaCO ₃)	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	---	---	---	---

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Table 5
Groundwater Data - Geochemical
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW STds (mg/l)	Location ID Sample Date Sample ID	MW-08S 11/1/2007 MW8-S-110107	MW-08S 11/18/2008 MW8-S-111808	MW-08S 10/20/2009 MW-8S-10202009	MW-08S 05/18/2010 W-8S-0518100518201
		units	mg/l	mg/l	mg/l	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	---	---	---	---

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Table 5
Groundwater Data - Geochemical
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW STds (mg/l)	Location ID Sample Date Sample ID	MW-08S 01/18/2011 MW-8S-01182011	MW-08S 4/19/2011 MW-8S-041911	MW-08S 7/27/2011 MW-8S072711	MW-08S 10/25/2011 MW8S102511
		units	mg/l	mg/l	mg/l	mg/l
Alkalinity (As CaCO ₃)	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 U	0.063 J
Total Organic Carbon, Filtered	NS	mg/l	2.9	1.8	2.5	3
pH	NS	STD u	---	---	---	---

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Table 5
Groundwater Data - Geochemical
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW STds (mg/l)	Location ID Sample Date Sample ID	MW-08S 3/21/2012 MW8S032112	MW-8S 8/8/2012 MW8S080812	MW-8S 12/18/2012 MW-8S-121812	MW-8S 5/22/2013 MW-8S-052313
		units	mg/l	mg/l	mg/l	mg/l
Alkalinity (As CaCO ₃)	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	---	---	---	---

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Table 5
Groundwater Data - Geochemical
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW STds (mg/l)	Location ID Sample Date Sample ID	MW-8S 8/20/2013 MW-8S-082013	X-1-082013 12/18/2012 MW-8S-082013	MW-8S 12/17/2013 MW-8S-121713	MW-8S 3/26/2014 MW-8S-032614
		units	mg/l	mg/l	mg/l	mg/l
Alkalinity (As CaCO ₃)	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:

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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 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	MW-8S	MW-ID-060914	X-1-061014	MW-8S
		Sample Date	6/11/2014	6/9/2014	6/10/2014	9/24/2014
		Sample ID	MW-8S-061114	MW-ID-060914	X-1-061014	MW8S092414
		units	mg/l	mg/l	mg/l	mg/l
Alkalinity (As CaCO ₃)	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:

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[] - Exceeds NYS Class GA Ground Water Quality Standard

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	MW-8S	MW-8S	MW-8S	MW-8S
		Sample Date Sample ID	4/12/2017 MW8S041217	9/13/2017 MW8S091317	9/18/2018 MW8S091818	3/19/2019 MW8S031919
		units	mg/l	mg/l	mg/l	mg/l
Alkalinity (As CaCO ₃)	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:

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H - Sample analyzed beyond the specified holding time

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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 Sample Date Sample ID	MW-08S 9/24/2019 MW-8S-092419	MW-08S 3/18/2020 MW-8S 031720	MW-08S 9/24/2020 MW-8S 092420	MW-08S 3/25/2021 MW8S032521
		units	mg / L	mg / L	mg / L	mg / l
Alkalinity (As CaCO ₃)	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:

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H - Sample analyzed beyond the specified holding time

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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 Sample Date Sample ID units	MW-08S 9/22/2021 MW8S 092221	MW-08S 3/23/2022 MW8S 032222	MW-08S 9/28/2022 MW8S 092822	MW-08S 9/28/2022 X-1 092822	MW-08S 3/29/2023 MW8S 032923
			mg/l	mg/l	mg/L	mg/L	mg/L
Alkalinity (As Caco3)	NS	mg/l	197 B	158	214	221	217
Chloride	250	mg/l	8.4	5.1	4.5	4.6	6.1
Nitrate (as N)	10	mg/l	0.11	0.050 U	0.031 J	0.021 J	0.11
Nitrite (as N)	1	mg/l	< 0.050 U	0.090	0.050 U	0.050 U	0.050 U
Nitrite-Nitrate Nitrogen	NS	mg/l	---	---	---	---	---
Sulfate	250	mg/l	59.4	39.1	61.5	61.6	45.2
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	3.2	2.1	5.1	5.1	1.7
pH	NS	STD u	---	---	---	---	---

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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	MW-08D	MW-08D	MW-08D	MW-08D
		Sample Date	2/18/2000	8/16/2001	11/28/2001	2/25/2002
		Sample ID	MW-08D_WG_021800	MW-08D_WG_081601	MW-08D_WG_112801	MW-08D_WG_022502
		units	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	---	---	---

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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 Sample Date Sample ID units	MW-08D 5/16/2002	MW-08D 11/16/2004	MW-08D 11/16/2005	MW-08D 11/15/2006
			MW-08D_WG_051602	MW-08D_WG_111604	MW-8D_11162005	MW-8D_11152006
			mg/l	mg/l	mg/l	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, Filtered	NS	mg/l	4	3.7	3.9	34
pH	NS	STD u	---	---	---	---

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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 Sample Date Sample ID units	MW-08D 11/1/2007 MW8-D-110107	MW-08D 11/18/2008 MW8-D-111808	MW-08D 10/20/2009 MW-8D-10202009	MW-08D 5/18/2010 W-8D-0518100518201
			mg/l	mg/l	mg/l	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, Filtered	NS	mg/l	4.5	35	1.7	3.4
pH	NS	STD u	---	---	---	---

NOTES:

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[] - Exceeds NYS Class GA Ground Water Quality Standard

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 Sample Date Sample ID units	MW-08D 1/19/2011 MW-8D-01192011	MW-08D 4/19/2011 MW-8D-041911	MW-08D 7/27/2011 MW-8D072711	MW-08D 10/25/2011 MW8D102511
			mg/l	mg/l	mg/l	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	0.15	0.24
Total Organic Carbon, Filtered	NS	mg/l	3.8	3.3	4.3	3.9
pH	NS	STD u	---	---	---	---

NOTES:

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H - Sample analyzed beyond the specified holding time
[] - Exceeds NYS Class GA Ground Water Quality Standard
Data have not been validated



Table 5
Groundwater Data - Geochemical
Forest Glen Superfund Site
Niagara Falls, New York

		Location ID	MW-08D	MW-8D	MW-8D	MW-8D
	Class GA	Sample Date	3 / 21 / 2012	8 / 8 / 2012	12 / 18 / 2012	5 / 22 / 2013
	GW Stds	Sample ID	MW8D032112	MW8D080812	MW-8D-121812	MW-8D-052213
Chemical Name	(mg / l)	units	mg / l	mg / l	mg / l	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	---	---	---	---

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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 Sample Date Sample ID units	MW-8D 8/20/2013 MW-8D-082013	MW-8D 12/17/2013 MW-8D-121713	MW-8D 3/26/2014 MW-8D-032614	X-1 3/26/2014 MW-8D-032614
			mg/l	mg/l	mg/l	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, Filtered	NS	mg/l	3.2	3.6	4.5	4.5
pH	NS	STD u	---	---	---	---

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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 Sample Date Sample ID units	MW-8D 6/11/2014 MW-8D-061114	MW-8D 9/24/2014 MW8D092414	X-1 9/24/2014 MW8D092414	MW-8D 4/13/2017 MW8D041317
			mg/l	mg/l	mg/l	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:

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H - Sample analyzed beyond the specified holding time

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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 Sample Date Sample ID units	MW-8D 9/13/2017 MW8D091317	MW-8D 9/18/2018 MW8D091818	MW-8D 3/19/2019 MW8D031919	MW-08D 9/24/2019 MW-8D-092419
			mg/l	mg/l	mg/l	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, Filtered	NS	mg/l	3.9 B	2.9 B	4 B	3.6
pH	NS	STD u	---	---	---	---

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H - Sample analyzed beyond the specified holding time

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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 Sample Date Sample ID units	MW-08D 3/18/2020 MW 8 D 031720	MW-08D 9/23/2020 MW 8 D 092320	MW-08D 3/25/2021 MW8D032521	MW-08D 9/22/2021 MW8D 092221
			mg/L	mg/L	mg/l	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, Filtered	NS	mg/l	4.4	3.3	4.0	5.2
pH	NS	STD u	---	---	---	--

NOTES:

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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 Sample Date Sample ID units	MW-08D 3/23/2022 MW8D 032222	MW-08D 3/23/2022 X-1 - 032222	MW-08D 9/28/2022 MW8D 092822	MW-08D 3/30/2023 MW8D-033023
			mg/l	mg/l	mg/L	mg/L
Alkalinity (As Caco3)	NS	mg/l	259	265	345	318
Chloride	250	mg/l	73.5	75.9	[326]	57.9
Nitrate (as N)	10	mg/l	0.050 U	0.050 U	0.050 U	0.027 J
Nitrite (as N)	1	mg/l	0.050 U	0.022 J	0.050 U	0.050 U F1
Nitrite-Nitrate Nitrogen	NS	mg/l	---	---	---	---
Sulfate	250	mg/l	108	106	[259]	95.0
Total Sulfides	NS	mg/l	1.0 U	< 1.0 U	1.0 U	1.0 U
Total Organic Carbon, Filtered	NS	mg/l	4.6	4.8	16.4	3.9
pH	NS	STD u	---	---	---	---

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H - Sample analyzed beyond the specified holding time

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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 Sample Date Sample ID	MW-08DD 11/16/2005 MW-8DD_11162005	MW-08DD 11/15/2006 MW-8DD_11152006	MW-08DD 11/1/2007 MW-8DD-110107	MW-08DD 11/18/2008 MW-08DD_WG_111808
		units	mg/l	mg/l	mg/l	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, Filtered	NS	mg/l	3.8	3.7	3	3.4
pH	NS	STD u	---	---	---	---

NOTES:

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H - Sample analyzed beyond the specified holding time

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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 Sample Date Sample ID units	MW-08DD 10/20/2009 MW-8DD-10202009	MW-08DD 05/18/2010 N-8DD-051810051820	MW-08DD 01/18/2011 MW-8DD-01182011	MW-08DD 4/19/2011 MW-8DD-041911
			mg/l	mg/l	mg/l	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, Filtered	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

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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 Sample Date Sample ID units	MW-08DD 7/27/2011 MW-8DD072711	MW-08DD 10/25/2011 MW8DD102511	MW-08DD 3/21/2012 MW8DD032112	MW-8DD 8/8/2012 MW8DD080812
			mg/l	mg/l	mg/l	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 U	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	---	---	---	---

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H - Sample analyzed beyond the specified holding time

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Table 5
Groundwater Data - Geochemical
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW Stds (mg/l)	Location ID Sample Date Sample ID units	MW-8DD 12/18/2012 MW-8DD-121812	MW-8DD 5/22/2013 MW-8DD-052213	MW-8DD 8/20/2013 MW-8DD-082013	MW-8DD 12/17/2013 MW-8DD-121713
			mg/l	mg/l	mg/l	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, Filtered	NS	mg/l	2.9	6.7	5.3	4.9
pH	NS	STD u	---	---	---	---

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Table 5
Groundwater Data - Geochemical
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW Stds (mg/l)	Location ID Sample Date Sample ID units	MW-8DD 3/26/2014 MW-8DD-032614	MW-8DD 6/11/2014 MW-8DD-061114	MW-8DD 9/24/2014 MW8DD092414	MW-8DD 4/13/2017 MW8DD041317
			mg/l		mg/l	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, Filtered	NS	mg/l	5.2	4.3	3.4	2.6
pH	NS	STD u	---	---	---	---

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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 Sample Date Sample ID units	MW-8DD 9/13/2017 MW8DD091317	MW-8DD 9/18/2018 MW8DD091818	MW-8DD 3/19/2019 MW8DD031919	MW-08DD 9/24/2019 MW-8DD-092419
			mg/l	mg/l	mg/l	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, Filtered	NS	mg/l	4.1 B	3.2 B	4.1 B	3.5
pH	NS	STD u	---	---	---	---

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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 Sample Date Sample ID units	MW-08DD 3/18/2020 MW 8DD 031720	MW-08DD 9/23/2020 MW 8DD 092320	MW-08DD 3/25/2021 MW8DD032521	MW-08DD 9/22/2021 MW8DD 092221
			mg/L	mg/L	mg/l	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, Filtered	NS	mg/l	3.9	5.2	3.7	3.8
pH	NS	STD u	---	---	---	--

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Table 5
Groundwater Data - Geochemical
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW Stds (mg/l)	Location ID Sample Date Sample ID units	MW-08DD 3/23/2022 MW8DD 032222	MW-08DD 9/28/2022 MW8DD 092822	MW-08DD 3/30/2023 MW8DD-033023
			mg/l	mg/L	mg/L
Alkalinity (As Caco3)	NS	mg/l	240	288 B	255
Chloride	250	mg/l	54.3	[294] F1	50.3
Nitrate (as N)	10	mg/l	0.050 U	0.050 U	0.027 J
Nitrite (as N)	1	mg/l	0.97	0.050 U	0.050 U
Nitrite-Nitrate Nitrogen	NS	mg/l	---	---	---
Sulfate	250	mg/l	113	[335] F1	129
Total Sulfides	NS	mg/l	1.0 U	1.0 U	1.0 U
Total Organic Carbon, Filtered	NS	mg/l	4.1	6.9	5.3
pH	NS	STD u	---	---	---

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Table 5
Groundwater Data - Geochemical
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW Stds (mg/l)	Location ID	MW-10S	MW-10S	MW-10S	MW-10S
		Sample Date	2/15/2000	8/14/2001	11/29/2001	2/27/2002
Chemical Name	Class GA GW Stds (mg/l)	Sample ID	MW-10S_WG_021500	MW-10S_WG_081401	MW-10S_WG_112901	MW-10S_WG_022702
		units	mg/l	mg/l	mg/l	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	---	---	---

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Table 5
Groundwater Data - Geochemical
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW Stds (mg/l)	Location ID	MW-10S	MW-10S	MW-10S	MW-10S
		Sample Date	5/15/2002	11/17/2004	11/14/2005	11/14/2006
		Sample ID	MW-10S_WG_051502	MW-10S_WG_111704	MW-10S_11142005	MW-10S_11142006
Chemical Name	(mg/l)	units	mg/l	mg/l	mg/l	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	---	---	---	---

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Table 5
Groundwater Data - Geochemical
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW Stds (mg/l)	Location ID	MW-10S	MW-10S	MW-10S	MW-10S
		Sample Date Sample ID	10/30/2007 MW 10 S-103007	11/19/2008 MW 10 S-111908	10/22/2009 MW-10S-10222009	05/18/2010 N-10S-051810051820
Chemical Name	(mg/l)	units	mg/l	mg/l	mg/l	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	---	---	---	

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Table 5
Groundwater Data - Geochemical
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW Stds (mg/l)	Location ID	MW-10S	MW-10S	MW-10S	MW-10S
		Sample Date Sample ID	1/20/2011 MW 10 S-01202011	4/20/2011 MW-10S-042011	7/26/2011 MW-10S072611	10/27/2011 MW10S102711
Chemical Name	(mg/l)	units	mg/l	mg/l	mg/l	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 U	0.1 U
Total Organic Carbon, Filtered	NS	mg/l	5.9	1.2	5.5	1.8
pH	NS	STD u	---	---	---	---

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Table 5
Groundwater Data - Geochemical
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW Stds (mg/l)	Location ID	MW-10S	MW-10S	MW-10S	MW-10S
		Sample Date Sample ID	3/20/2012 MW10S032012	8/7/2012 MW10S080712	12/19/2012 MW-10S-121912	5/21/2013 MW-10S-052113
		units	mg/l	mg/l	mg/l	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	---	---	---	---

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Table 5
Groundwater Data - Geochemical
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW Stds (mg/l)	Location ID	MW-10S	MW-10S	MW-10S	MW-10S
		Sample Date Sample ID	8/22/2013 MW-10S-082213	12/18/2013 MW-10S-121813	3/25/2014 MW-10S-032514	6/10/2014 MW-10S-061014
		units	mg/l	mg/l	mg/l	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	---	---	---	---

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Table 5
Groundwater Data - Geochemical
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW Stds (mg/l)	Location ID	MW-10S	MW-10S	MW-10S	MW-10S
		Sample Date Sample ID	9/23/2014 MW10S092314	4/11/2017 MW10S041117	9/12/2017 MW10S091217	9/12/2017 MW10S091217
		units	mg/l	mg/l	mg/l	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	---	---	---	---

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Table 5
Groundwater Data - Geochemical
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW Stds (mg/l)	Location ID	X-1	MW-10S	MW-10S	MW-10S
		Sample Date Sample ID	9/19/2018 MW10S091918	3/20/2019 MW10S032019	9/25/2019 MW-10S-092519	3/17/2020 MW 10S 031720
		units	mg/l	mg/l	mg/L	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	---	---	---	---

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Table 5
Groundwater Data - Geochemical
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW Stds (mg/l)	Location ID	MW-10S	MW-10S	MW-10S	MW-10S
		Sample Date	9/23/2020	9/23/2020	3/24/2021	9/23/2021
		Sample ID	MW 10S 092320	X-1 092320	MW10S032421	MW10S 092321
Chemical Name	(mg/l)	units	mg/L	mg/L	mg/l	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	---	---	---	---

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Table 5
Groundwater Data - Geochemical
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW Stds (mg/l)	Location ID	MW-10S	MW-10S	MW-10S	MW-10S
		Sample Date	9/23/2021	3/24/2022	9/29/2022	3/29/2023
		Sample ID	X-1 092321	MW10S 032422	MW10S 092922	MW10S 032923
		units	mg/l	mg/l	mg/L	mg/L
Alkalinity (As Caco3)	NS	mg/l	278	281	284 B	328
Chloride	250	mg/l	421	[324]	[350]	[341]
Nitrate (as N)	10	mg/l	< 0.050 U	0.050 U	0.050 U	0.050 U
Nitrite (as N)	1	mg/l	< 0.050 U	0.050 U	0.050 U	0.050 U
Nitrite-Nitrate Nitrogen	NS	mg/l	---	---	---	---
Sulfate	250	mg/l	280	244	[260]	221
Total Sulfides	NS	mg/l	< 1.0 U	1.0 U	1.0 U	1.0 U
Total Organic Carbon, Filtered	NS	mg/l	3.9	4.1	18.6	3.7
pH	NS	STD u	---	---	---	---

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Table 5
Groundwater Data - Geochemical
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA (mg/l)	Location ID	MW-10D	MW-10D	MW-10D	MW-10D
		Depth Interval	-	-	-	-
		Sample Date	2/15/2000	8/14/2001	11/29/2001	2/27/2002
		Sample ID	MW-10D_WG_021500	MW-10D_WG_081401	MW-10D_WG_112901	MW-10D_WG_022702
		units	mg/l	mg/l	mg/l	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	---	---	---

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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 not been validated



Table 5
Groundwater Data - Geochemical
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA (mg/l)	Location ID	MW-10D	MW-10D	MW-10D	MW-10D
		Depth Interval	-	-	-	-
		Sample Date	5/15/2002	11/17/2004	11/14/2005	11/14/2006
		Sample ID units	MW-10D_WG_051502 mg/l	MW-10D_WG_111704 mg/l	MW-10D_11142005 mg/l	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:

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H - Sample analyzed beyond the specified holding time

[] - Exceeds NYS Class GA Ground Water Quality Standard

Data have not been validated



Table 5
Groundwater Data - Geochemical
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA (mg/l)	Location ID	MW-10D	MW-10D	MW-10D	MW-10D
		Depth Interval	-	-	-	-
		Sample Date	10/30/2007	11/19/2008	10/22/2009	5/18/2010
		Sample ID	MW 10 D-103007	MW 10 D-111908	MW-10D-10222009	N-10D-051810051820
		units	mg/l	mg/l	mg/l	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 not been validated



Table 5
Groundwater Data - Geochemical
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA (mg/l)	Location ID	MW-10D	MW-10D	MW-10D	MW-10D
		Depth Interval	-	-	-	-
		Sample Date	1/20/2011	4/20/2011	7/26/2011	7/26/2011
		Sample ID	MW-10D-01202011	MW-10D-042011	MW-10D072611	X1072611
		units	mg/l	mg/l	mg/l	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 U	0.1 U
Total Organic Carbon, Filtered	NS	mg/l	2	1 U	3.4	3.3
pH	NS	STD u	---	---	---	---

NOTES:

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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 not been validated



Table 5
Groundwater Data - Geochemical
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA (mg/l)	Location ID	MW-10D	MW-10D	MW-10D	MW-10D
		Depth Interval	-	-	-	-
		Sample Date	10/27/2011	3/20/2012	8/7/2012	12/19/2012
		Sample ID	MW10D102711	MW10D032012	MW10D080712	MW-10D-121912
		units	mg/l	mg/l	mg/l	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:

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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 not been validated



Table 5
Groundwater Data - Geochemical
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA (mg/l)	Location ID	MW-10D	MW-10D	MW-10D	X-1-121813
		Depth Interval	-	-	-	-
		Sample Date	5/21/2013	8/22/113	12/18/2013	12/18/2013
		Sample ID	MW-10D-052113	MW-10D-082213	MW-10D-121813	MW-10D-121813
		units	mg/l	mg/l	mg/l	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:

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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 not been validated



Table 5
Groundwater Data - Geochemical
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA (mg/l)	Location ID	MW-10D	MW-10D	MW-10D	MW-10D
		Depth Interval	-	-	-	-
		Sample Date	3/25/2014	6/10/2014	9/23/2014	4/12/2017
		Sample ID	MW-10D-032514	MW-10D-061014	MW10D092314	MW10D041217
		units	mg/l	mg/l	mg/l	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:

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H - Sample analyzed beyond the specified holding time

[] - Exceeds NYS Class GA Ground Water Quality Standard

Data have not been validated



Table 5
Groundwater Data - Geochemical
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA (mg/l)	Location ID	MW-10D	MW-10D	MW-10D	MW-10D
		Depth Interval	-	-	-	-
		Sample Date	9/12/2017	9/19/2018	3/20/2019	9/25/2019
		Sample ID	MW10D091217	MW10D091918	MW10D032019	MW-10D-092519
		units	mg/l	mg/l	mg/l	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:

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H - Sample analyzed beyond the specified holding time

[] - Exceeds NYS Class GA Ground Water Quality Standard

Data have not been validated



Table 5
Groundwater Data - Geochemical
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA (mg/l)	Location ID	MW-10D	MW-10D	MW-10D	MW-10D
		Depth Interval	-	-	-	3/24/2021
		Sample Date	3/17/2020	3/17/2020	9/22/2020	MW10D032421
		Sample ID	MW 10D 031720	X-1 031720	MW 10D 092220	
		units	mg/L	mg/L	mg/L	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:

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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 not been validated



Table 5
Groundwater Data - Geochemical
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA (mg/l)	Location ID	MW-10D	MW-10D	MW-10D	MW-10D
		Depth Interval	9/23/2021	3/24/2022	9/29/2022	3/29/2023
		Sample Date	MW10D 092321	MW10D 032422	MW10D 092922	MW10D 032923
		Sample ID				
		units	mg/L	mg/L	mg/L	mg/L
Alkalinity (As Caco3)	NS	mg/l	268 F1	281	293 B	318
Chloride	250	mg/l	[423]	[337]	[369]	[340]
Nitrate (as N)	10	mg/l	< 0.050 U	0.050 U	0.025 J	0.050 U
Nitrite (as N)	1	mg/l	< 0.050 U	1.7	0.050 U	0.050 U F1
Nitrite-Nitrate Nitrogen	NS	mg/l	--	---	---	---
Sulfate	250	mg/l	[281]	238	236	222
Total Sulfides	NS	mg/l	< 1.0 U	1.0 U	1.0 U	1.0 U F2
Total Organic Carbon, Filtered	NS	mg/l	3.6	4.6	15.5 ^2	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 not 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	MW-01S	MW-01S	MW-01S	MW-01S
		Depth Interval	-	-	-	-
		Sample Date	2/14/2000	8/13/2001	11/26/2001	2/25/2002
		Sample ID	MW-01S_WG_021400	MW-01S_WG_081301	MW-01S_WG_112601	MW-01S_WG_022502
			mg/l	mg/l	mg/l	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 Quality Standard

Data have not been validated

--- Not Analyzed

* - 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	MW-01S	MW-01S	MW-01S	MW-01S
		Depth Interval	-	-	-	-
		Sample Date	5/13/2002	11/16/2004	11/15/2005	11/14/2006
		Sample ID	MW-01S_WG_051302	MW-01S_WG_111604	MW-1S_11152005	MW-1S_11142006
			mg/l	mg/l	mg/l	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 Quality Standard

Data have not been validated

--- Not Analyzed

* - 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	MW-01S	MW-01S	MW-01S
			- 10/29/2007 MW-1S-102907 mg/l	- 11/18/2008 MW-1S-111808 mg/l	- 10/19/2009 MW-1S-101909 mg/l	- 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:

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Dup - duplicate sample, B - Analyte detected in the associated Method Blank

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Data have not been validated

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* - 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	MW-01S	MW-01S	MW-01S
			- 1/19/2011 MW-1S-011911 mg/l	- 4/18/2011 MW-1S-041811 mg/l	- 7/26/2011 MW-1S-072611 mg/l	- 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

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[] - Exceeds NYS Class GA Ground Water Quality Standard

Data have not been validated

--- Not Analyzed

* - 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	MW-01S	MW-01S	MW-01S
			- 3/20/2012 MW-1S-032012 mg/l	- 8/7/2012 MW-1S-080712 mg/l	- 12/18/2012 MW-1S-121812 mg/l	- 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

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Data have not been validated

--- Not Analyzed

* - 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	MW-01S	MW-01S	MW-01S
			- 8/19/2013 MW-1S-081913 mg/l	- 12/18/2013 MW-1S-121813 mg/l	- 3/25/2014 MW-1S-032514 mg/l	- 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:

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Dup - duplicate sample, B - Analyte detected in the associated Method Blank

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Data have not been validated

--- Not Analyzed

* - 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	MW-1S	X-1	MW-1S
			- 9/23/2014 MW1S092314 mg/L	- 4/11/2017 MW1S041117 mg/L	- 4/11/2017 MW1S041117 mg/L	- 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

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Data have not been validated

--- Not Analyzed

* - 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	MW-1S	MW-1S	MW-1S	MW-01S
		Depth Interval	9/18/2018	3/18/2019	9/24/2019	3/17/2020
		Sample ID	MW1S091818	MW1S031819	MW1S092419	MW 1S 031720
			mg/L	mg/L	mg/l	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

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Data have not been validated

--- Not Analyzed

* - 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	MW-01S	MW-01S	MW-01S
			- 9/22/2020 MW 1S 092220 mg/l	- 3/23/2021 MW1S032321 mg/l	- 3/23/2021 X-1 032321 mg/l	- 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 Quality Standard

Data have not been validated

--- Not Analyzed

* - 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	MW-01S	MW-01S
			3/21/2022 MW1S032122 mg/l	9/27/2022 MW1S 092722 mg/L	3/28/2023 MW1S 032823 mg/L
Ethane	NS		0.00020 J	0.00017 U	0.00017 U
Ethylene	NS		0.00024 U	0.00024 U	0.00024 U
Methane	NS		0.0078	0.018	0.0073
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

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Data have not been validated

--- Not Analyzed

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Table 6
Groundwater Data - Dissolved Gases
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW Stds (mg/l)	Location ID	MW-01D	MW-01D	MW-01D	MW-01D
		Depth Interval	-	-	-	-
		Sample Date	2/14/2000	8/13/2001	11/26/2001	2/25/2002
		Sample ID	MW-01D_WG_021400	MW-01D_WG_081301	MW-01D_WG_112601	MW-01D_WG_022502
			mg/l	mg/l	mg/l	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 Quality Standard

Data have not been validated

--- Not Analyzed

* - 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	MW-01D	MW-01D	MW-01D	MW-01D
		Depth Interval	-	-	-	-
		Sample Date	5/13/2002	11/16/2004	11/15/2005	11/14/2006
		Sample ID	MW-01D_WG_051302	MW-01D_WG_111604	MW-1D_11152005	MW-1D_11142006
			mg/l	mg/l	mg/l	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 Quality Standard

Data have not been validated

--- Not Analyzed

* - 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	MW-01D	MW-1D	MW-01D
			10/29/2007 MW-1D-102907 mg/l	11/18/2008 MW-1D-111808 mg/l	10/19/2009 MW-1D-101909 mg/l	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 Quality Standard

Data have not been validated

--- Not Analyzed

* - 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	MW-01D	MW-01D	MW-01D
			- 1/19/2011 MW-1D-011911 mg/l	- 4/18/2011 MW-1D-041811 mg/l	- 7/26/2011 MW-1D-072611 mg/l	- 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 Quality Standard

Data have not been validated

--- Not Analyzed

* - 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	MW-1D	X-1	MW-1D
			- 3/20/2012 MW-1D-032012 mg/l	- 8/7/2012 MW-1D-080712 mg/l	- 8/7/2012 MW-1D-080712 mg/l	- 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 Quality Standard

Data have not been validated

--- Not Analyzed

* - 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	MW-1D	MW-1D	MW-1D
			- 5/21/2013 MW-1D-052113 mg/l	- 8/19/2013 MW-1D-081913 mg/l	- 12/19/2013 MW-1D-121913 mg/l	- 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

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Data have not been validated

--- Not Analyzed

* - 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	MW-1D	MW-1D	MW-1D	MW-1D
		Depth Interval	6/9/2014	9/23/2014	4/11/2017	9/12/2017
		Sample ID	MW-1D-060914	MW1D092314	MW1D041117	MW1D091217
			mg/l	mg/L	mg/L	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

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Data have not been validated

--- Not Analyzed

* - 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 Quality Standard

Data have not been validated

--- Not Analyzed

* - 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	MW-01D	MW-01D	MW-01D
			-	-	-	-
			3/17/2020 MW 1D 031720 mg/L	9/22/2020 MW 1D 092220 mg/L	3/22/2021 MW1D032221 mg/l	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 Quality Standard

Data have not been validated

--- Not Analyzed

* - 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	MW-01D	MW-01D	
			3/21/2022 MW1D0032122 mg/l	9/27/2022 MW1D 092722 mg/L	3/28/2023 MW1D 032823 mg/L	
Ethane	NS		0.00019 J	0.00017 U	0.00018 J	
Ethylene	NS		0.00024 U	0.00024 U	0.00024 U	
Methane	NS		0.044	0.038	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 Quality Standard

Data have not been validated

--- Not Analyzed

* - 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	MW-04S	MW-04S	MW-04S	MW-04S
		Depth Interval	-	-	-	-
		Sample Date	2/17/2000	8/15/2001	11/29/2001	2/28/2002
		Sample ID	MW-04S_WG_021700	MW-04S_WG_081501	MW-04S_WG_112901	MW-04S_WG_022802
			mg/l	mg/l	mg/l	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 Quality Standard

Data have not been validated

--- Not Analyzed

* - 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	MW-04S	MW-04S	MW-04S	MW-04S
		Depth Interval	-	-	-	-
		Sample Date	5/14/2002	11/17/2004	11/16/2005	11/16/2006
		Sample ID	MW-04S_WG_051402	MW-04S_WG_111704	MW-4S_11162005	MW-4S_11162006
			mg/l	mg/l	mg/l	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:

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Dup - duplicate sample, B - Analyte detected in the associated Method Blank

[] - Exceeds NYS Class GA Ground Water Quality Standard

Data have not been validated

--- Not Analyzed

* - 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	MW-04S	MW-04S	MW-04S
			- 10/31/2007 MW 4-S-103107 mg/l	- 11/18/2008 MW 4-S-111808 mg/l	- 10/21/2009 MW-4S-102109 mg/l	- 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:

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Dup - duplicate sample, B - Analyte detected in the associated Method Blank

[] - Exceeds NYS Class GA Ground Water Quality Standard

Data have not been validated

--- Not Analyzed

* - 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	MW-04S	MW-04S	MW-04S
			- 1/20/2011 MW-4S-012011 mg/l	- 4/21/2011 MW-4S-042111 mg/l	- 7/28/2011 MW-4S-072811 mg/l	- 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

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Data have not been validated

--- Not Analyzed

* - 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	MW-4S	MW-4S	MW-4S
			- 3/22/2012 MW-4S-032212 mg/l	- 8/9/2012 MW-4S-080912 mg/l	- 12/20/2012 MW-4S-122012 mg/l	- 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 Quality Standard

Data have not been validated

--- Not Analyzed

* - 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	MW-4S	MW-4S	MW-4S
			- 8/22/2013 MW-4S-082213 mg/l	- 12/19/2013 MW-4S-121913 mg/l	- 3/27/2014 MW-4S-032714 mg/l	- 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

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Data have not been validated

--- Not Analyzed

* - 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	MW-4S	MW-4S	MW-4S
			9/23/2014 MW-4S-092314 mg/l	4/13/2017 MW-4S-041317 mg/l	9/14/2017 MW-4S-091417 mg/l	9/19/2018 MW-4S-091818 mg/l
Ethane	NS		---	0.000027 J	0.00006 J	NOT SAMPLED
Ethylene	NS		---	0.0002 U	0.0002 U	
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 Quality Standard

Data have not been validated

--- Not Analyzed

* - 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	MW-4S	MW-04S	MW-04S
			3/20/2019 MW-4S-032019 mg/l	9/25/2019 MW-4S-092519 mg/L	3/19/2020 MW 4S 031920 mg/L	9/23/2020 MW 4S 092320 mg/L
Ethane	NS		0.000018 J	0.000033 J	0.000006 U	NOT SAMPLED
Ethylene	NS		0.0002 U	0.000012 U	0.000024 J	
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 Quality Standard

Data have not been validated

--- Not Analyzed

* - 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	MW-04S	MW-04S	MW-04S	MW-04S	MW-04S
		Depth Interval Sample Date Sample ID	3/25/2021 MW4S032521 mg/l	9/23/2021 MW4S092321 mg/l	3/22/2022 MW4S032222 mg/l	9/29/2022 MW 4S 092922 mg/L	3/28/2023 MW4S 032823 mg/L
Ethane	NS		0.000075 U	0.00025 J	0.00026 J	NOT SAMPLED	0.00034 U
Ethylene	NS		0.00012 U	0.001 U	0.00024 U		0.00048 U
Methane	NS		0.0028 J	0.005 U	0.031		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 Quality Standard

Data have not been validated

--- Not Analyzed

* - 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	MW-04D	MW-04D	MW-04D
			-	-	-	-
			9/14/2017	2/17/2000	8/15/2001	11/29/2001
			MW-4S-091417 mg/l	MW-04D_WG_021700 mg/l	MW-04D_WG_081501 mg/l	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:

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Dup - duplicate sample, B - Analyte detected in the associated Method Blank

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Data have not been validated

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Table 6
Groundwater Data - Dissolved Gases
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW Stds (mg/l)	Location ID	MW-04D	MW-04D	MW-04D	MW-04D
		Depth Interval	-	-	-	-
		Sample Date	2/28/2002	5/14/2002	11/17/2004	11/16/2005
		Sample ID	MW-04D_WG_022802	MW-04D_WG_051402	MW-04D_WG_111704	MW-4D_11162005
			mg/l	mg/l	mg/l	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

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Data have not been validated

--- Not Analyzed

* - 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	MW-04D	MW-04D	MW-04D	MW-4D
		Depth Interval	-	-	-	-
		Sample Date	11/15/2006	10/31/2007	11/19/2008	10/21/2009
		Sample ID	MW-4D_11152006	MW 4-D-103107	MW 4-D-111908	MW-4D-102109
			mg/l	mg/l	mg/l	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

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Data have not been validated

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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	MW-04D	MW-04D	MW-04D
			05/19/2010 MW-4D-051910 mg/l	1/20/2011 MW-4D-012011 mg/l	4/21/2011 MW-4D-042111 mg/l	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 Quality Standard

Data have not been validated

--- Not Analyzed

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Table 6
Groundwater Data - Dissolved Gases
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW Stds (mg/l)	Location ID	MW-04D	MW-4D	MW-4D	MW-4D
		Depth Interval	-	-	-	-
		Sample Date Sample ID	10/26/2011 MW-4D-102611 mg/l	3/22/2012 MW-4D-032212 mg/l	8/9/2012 MW-4D-080912 mg/l	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 Quality Standard

Data have not been validated

--- Not Analyzed

* - 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	MW-4D	MW-4D	MW-4D
			- 5/22/2013 MW-4D-052213 mg/l	- 8/21/2013 MW-4D-082113 mg/l	- 12/19/2013 MW-4D-121913 mg/l	- 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 Quality Standard

Data have not been validated

--- Not Analyzed

* - 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	MW-4D	MW-4D	MW-4D
			- 6/10/2014 MW-4D-061014 mg/l	- 9/25/2014 MW-4D-092514 mg/l	- 4/13/2017 MW-4D-041317 mg/l	- 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 Quality Standard

Data have not been validated

--- Not Analyzed

* - 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	MW-4D	MW-4D	MW-04D
			9/19/2018 MW-4D-091918 mg/l	3/20/2019 MW-4D-032019 mg/l	9/25/2019 MW-4D-092519 mg/L	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 Quality Standard

Data have not been validated

--- Not Analyzed

* - 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	MW-04D	MW-04D	MW-04D
			- 9/23/2020 MW 4D 092320 mg/L	- 3/24/2021 MW4D032421 mg/l	- 9/21/2021 MW4D092121 mg/l	- 3/22/2022 MW4D032222 mg/l
Ethane	NS		0.00057 J	0.00025 J	0.00035 J	0.00041 J
Ethylene	NS		0.00012 U	0.00012 U	0.00024 U	0.00024 U
Methane	NS		0.06	0.049	0.045	0.034
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 Quality Standard

Data have not been validated

--- Not Analyzed

* - 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	MW-04D	MW-04D	
			- 9/29/2022 MW4D 092922 mg/L	3/29/2023 MW4D 032923 mg/L	3/29/2023 DUP 032923 mg/L	
Ethane	NS		0.00048 J	0.00031 J	0.00035 J	
Ethylene	NS		0.00024 U	0.00024 U	0.00030 J	
Methane	NS		0.028	0.057	0.048	
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 Quality Standard

Data have not been validated

--- Not Analyzed

* - 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	MW-05S	MW-05S	MW-05S	MW-05S
		Depth Interval	-	-	-	-
		Sample Date	2/17/2000	8/14/2001	11/29/2001	2/27/2002
		Sample ID	MW-05S_WG_021700	MW-05S_WG_081401	MW-05S_WG_112901	MW-05S_WG_022702
			mg/l	mg/l	mg/l	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 Quality Standard

Data have not been validated

--- Not Analyzed

* - 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	MW-05S	MW-05S	MW-05S	MW-05S
		Depth Interval	-	-	-	-
		Sample Date	5/15/2002	11/17/2004	11/15/2005	11/14/2006
		Sample ID	MW-05S_WG_051502	MW-05S_WG_111704	MW-5S_11152005	MW-5S_11142006
			mg/l	mg/l	mg/l	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 Quality Standard

Data have not been validated

--- Not Analyzed

* - 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	MW-05S	MW-05S	MW-05S
			- 10/30/2007 MW 5 S-103007 mg/l	- 11/19/2008 MW 5 S-111908 mg/l	- 10/21/2009 MW-5S-102109 mg/l	- 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 Quality Standard

Data have not been validated

--- Not Analyzed

* - 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	MW-05S	MW-05S	MW-05S	MW-05S
		Depth Interval	-	-	-	-
		Sample Date Sample ID	1/20/2011 MW-5S-012011 mg/l	4/20/2011 MW-5S-042011 mg/l	7/28/2011 MW-5S-072811 mg/l	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 Quality Standard

Data have not been validated

--- Not Analyzed

* - 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	MW-5S	MW-5S	MW-5S
			- 3/22/2012 MW-5S-032212 mg/l	- 8/9/2012 MW-5S-080912 mg/l	- 12/19/2012 MW-5S-121912 mg/l	- 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 Quality Standard

Data have not been validated

--- Not Analyzed

* - 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	MW-5S	MW-5S	MW-5S
			- 8/21/2013 MW-5S-082113 mg/l	- 12/19/2013 MW-5S-121913 mg/l	- 3/27/2014 MW-5S-032714 mg/l	- 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:

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Dup - duplicate sample, B - Analyte detected in the associated Method Blank

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Data have not been validated

--- Not Analyzed

* - 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	MW-5S	MW-5S	MW-5S
			- 9/25/2014 MW-5S-092514 mg/l	- 4/12/2017 MW-5S-041217 mg/l	- 9/14/2017 MW-5S-091417 mg/l	- 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 Quality Standard

Data have not been validated

--- Not Analyzed

* - 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	MW-05S	MW-05S	MW-05S
			- 3/20/2019 MW-5S-032019 mg/l	- 9/25/0219 MW-5S-092519 mg/L	- 3/19/2020 MW 5S 031920 mg/L	- 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 Analyzed

* - 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	MW-05S	MW-05S	MW-05S	MW-05S
			- 3/25/2021 MW5S032521 mg/l	- 9/22/2021 MW5S092221 mg/l	- 3/22/2022 MW5S032222 mg/l	- 9/27/2022 MW5S 092722 mg/L	- 3/28/2023 MW5S 03283 mg/L
Ethane	NS		0.00029 J	0.00042 J	0.00017 U	0.00017 U	0.00017 U
Ethylene	NS		0.00053 J	0.00032 J	0.00024 U	0.00045 J	0.00031 J
Methane	NS		0.0051	0.074	0.002 U	0.0072	0.0022 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 Quality Standard

Data have not been validated

--- Not Analyzed

* - 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	MW-05D	MW-05D	MW-05D	MW-05D
		Depth Interval	-	-	-	-
		Sample Date	2/17/2000	8/14/2001	11/29/2001	2/27/2002
		Sample ID	MW-05D_WG_021700	MW-05D_WG_081401	MW-05D_WG_112901	MW-05D_WG_022702
			mg/l	mg/l	mg/l	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 Quality Standard

Data have not been validated

--- Not Analyzed

* - 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	MW-05D	MW-05D	MW-05D	MW-05D
		Depth Interval	-	-	-	-
		Sample Date	5/15/2002	11/17/2004	11/15/2005	11/14/2006
		Sample ID	MW-05D_WG_051502	MW-05D_WG_111704	MW-5D_11152005	MW-5D_11142006
			mg/l	mg/l	mg/l	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 Quality Standard

Data have not been validated

--- Not Analyzed

* - 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	MW-05D	MW-5D	MW-05D
			10/30/2007 MW 5 D-103007 mg/l	11/19/2008 MW 5 D-111908 mg/l	10/21/2009 MW-5D-102109 mg/l	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

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Data have not been validated

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* - 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	MW-05D	MW-05D	MW-5D	MW-05D
		Depth Interval	1/20/2011	4/20/2011	7/28/2011	10/27/2011
		Sample ID	MW-5D-012011	MW-5D-042011	MW-5D-072811	MW-5D-102711
			mg/l	mg/l	mg/l	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 Quality Standard

Data have not been validated

--- Not Analyzed

* - 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	MW-5D	MW-5D	MW-5D
			- 3/22/2012 MW-5D-032212 mg/l	- 8/9/2012 MW-5D-080912 mg/l	- 12/19/2012 MW-5D-121912 mg/l	- 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 Quality Standard

Data have not been validated

--- Not Analyzed

* - 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	MW-5D	MW-5D	MW-5D
			- 8/21/2013 MW-5D-082113 mg/l	- 12/19/2013 MW-5D-121913 mg/l	- 3/27/2014 MW-5D-032714 mg/l	- 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

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Data have not been validated

--- Not Analyzed

* - 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	MW-5D	MW-5D	MW-5D
			- 9/25/2014 MW-5D-092514 mg/l	- 4/12/2017 MW-5D-041217 mg/l	- 9/14/2017 MW-5D-091417 mg/l	- 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

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Data have not been validated

--- Not Analyzed

* - 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	MW-5D	MW-5D	MW-05D
			3/20/2019 MW-5D-032019 mg/l	9/25/2019 MW-5D-092519 mg/L	9/25/2019 X-1-092519 mg/L	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 Quality Standard

Data have not been validated

--- Not Analyzed

* - 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	MW-05D	MW-05D	MW-05D
			- 9/23/2020 MW 5D 092320 mg/L	- 3/24/2021 MW5D032421 mg/l	- 9/21/2021 MW5D092121 mg/l	- 3/22/2022 MW5D032222 mg/l
Ethane	NS		0.000075 U	0.00021 J	0.00017 J	0.00018 J
Ethylene	NS		0.00012 U	0.00012 U	0.00024 U	0.00024 U
Methane	NS		0.085	0.11	0.12	0.079
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

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Data have not been validated

--- Not Analyzed

* - 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	MW-05D	MW-05D		
		Depth Interval	-	-		
		Sample Date	9/27/2022	3/28/2023		
		Sample ID	MW5D 092722	MW5D 032823		
			mg/L	mg/L		
Ethane	NS		0.00017 U	0.00017 J		
Ethylene	NS		0.00024 U	0.00024 U		
Methane	NS		0.16	0.085		
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

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Data have not been validated

--- Not Analyzed

* - 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	MW-06S	MW-06S	MW-06S	MW-06S
		Depth Interval	-	-	-	-
		Sample Date	2/15/2000	8/15/2001	11/29/2001	2/27/2002
		Sample ID	MW-06S_WG_021500	MW-06S_WG_081501	MW-06S_WG_112901	MW-06S_WG_022702
			mg/l	mg/l	mg/l	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 Quality Standard

Data have not been validated

--- Not Analyzed

* - 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	MW-06S	MW-06S	MW-06S	MW-06S
		Depth Interval	-	-	-	-
		Sample Date	5/15/2002	11/16/2004	11/15/2005	11/13/2006
		Sample ID	MW-06S_WG_051502	MW-06S_WG_111604	MW-6S_11152005	MW-6S_11132006
			mg/l	mg/l	mg/l	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 Quality Standard

Data have not been validated

--- Not Analyzed

* - 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	MW-06S	MW-6S	MW-06S
			- 10/31/2007 MW-6S-103107 mg/l	- 11/19/2008 MW-6S-111908 mg/l	- 10/21/2009 MW-6S-102109 mg/l	- 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 Quality Standard

Data have not been validated

--- Not Analyzed

* - 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	MW-06S	MW-06S	MW-06S
			- 1/19/2011 MW-6S-011911 mg/l	- 4/20/2011 MW-6S-042011 mg/l	- 7/26/2011 MW-6S-072611 mg/l	- 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 Quality Standard

Data have not been validated

--- Not Analyzed

* - 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	MW-6S	MW-6S	MW-6S
			- 3/20/2012 MW-6S-032012 mg/l	- 8/7/2012 MW-6S-080712 mg/l	- 12/19/2012 MW-6S-121912 mg/l	- 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 Quality Standard

Data have not been validated

--- Not Analyzed

* - 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	MW-6S	MW-6S	MW-6S
			- 8/21/2013 MW-6S-082113 mg/l	- 12/18/2013 MW-6S-121813 mg/l	- 3/25/2014 MW-6S-032514 mg/l	- 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

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Data have not been validated

--- Not Analyzed

* - 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	MW-6S	MW-6S	MW-6S
			- 9/23/2014 MW6S092314 mg/L	- 4/11/2017 MW6S041117 mg/L	- 9/14/2017 MW6S091417 mg/L	- 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 Quality Standard

Data have not been validated

--- Not Analyzed

* - 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	MW-06S	MW-06S	MW-06S
			- 3/20/2019 MW6S032019 mg/L	- 9/25/2019 MW-6S-092519 mg/L	- 3/17/2020 MW 6S 031720 mg/L	- 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 Quality Standard

Data have not been validated

--- Not Analyzed

* - 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	MW-06S	MW-06S	MW-06S	MW-06S	MW-06S
		Depth Interval Sample Date Sample ID	3/24/2021 MW6S032421 mg/l	9/21/2021 MW6S092121 mg/l	3/22/2022 MW6S032222 mg/l	9/27/2022 MW6S 092722 mg/L	3/28/2023 MW6S 032823 mg/L
Ethane	NS		0.000075 U	0.0002 J	0.00037 J	0.00017 U	0.00049 J
Ethylene	NS		0.00054 J	0.0015	0.0023	0.00059 J	0.0017
Methane	NS		0.004 J	0.070	0.022	0.052	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 Quality Standard

Data have not been validated

--- Not Analyzed

* - 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	MW-06D	MW-06D	MW-06D	MW-06D
		Depth Interval	-	-	-	-
		Sample Date	2/15/2000	8/15/2001	11/29/2001	2/27/2002
		Sample ID	MW-06D_WG_021500 mg/l	MW-06D_WG_081501 mg/l	MW-06D_WG_112901 mg/l	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 Quality Standard

Data have not been validated

--- Not Analyzed

* - 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	MW-06D	MW-06D	MW-06D	MW-06D
		Depth Interval	-	-	-	-
		Sample Date	5/15/2002	11/16/2004	11/15/2005	11/13/2006
		Sample ID	MW-06D_WG_051502	MW-06D_WG_111604	MW-6D_11152005	MW-6D_11132006
			mg/l	mg/l	mg/l	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 Quality Standard

Data have not been validated

--- Not Analyzed

* - 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	MW-06D	MW-06D	MW-06D	MW-06D
		Depth Interval	10/30/2007	11/19/2008	10/21/2009	5/19/2010
		Sample ID	MW 6 D-103007	MW 6 D-111908	MW-6D-102109	MW-6D-051910
			mg/l	mg/L	mg/l	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 Quality Standard

Data have not been validated

--- Not Analyzed

* - 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	MW-06D	MW-06D	MW-06D	MW-06D
		Depth Interval	1/19/2011	4/20/2011	7/26/2011	10/26/2011
		Sample ID	MW-6D-011911	MW-6D-042011	MW-6D-072611	MW-6D-102611
			mg/l	mg/l	mg/l	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 Quality Standard

Data have not been validated

--- Not Analyzed

* - 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	MW-6D	MW-6D	MW-6D	MW-6D
		Depth Interval	3/20/2012	3/20/2012	8/7/2012	12/19/2012
		Sample ID	MW-6D-032012	X-1-032012	MW-6D-080712	MW-6D-121912
			mg/l	mg/l	mg/l	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 Quality Standard

Data have not been validated

--- Not Analyzed

* - 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	MW-6D	X-1	MW-6D	MW-6D
		Depth Interval	5/21/2013	5/21/2013	8/21/2013	12/18/2013
		Sample ID	MW-6D-052113	MW-6D-052113	MW-6D-082113	MW-6D-121813
			mg/l	mg/l	mg/l	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

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Data have not been validated

--- Not Analyzed

* - 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	MW-6D	MW-6D	MW-6D
			- 3/25/2014 MW-6D-032514 mg/l	- 6/10/2014 MW-6D-061014 mg/l	- 9/23/2014 MW6D092314 mg/L	- 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

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Data have not been validated

--- Not Analyzed

* - 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	MW-6D	MW-6D	MW-6D	MW-06D
		Depth Interval	9/12/2017	9/19/2018	3/20/219	9/24/2019
		Sample ID	MW6D091217	MW6D091918	MW6D032019	MW-6D-092419
			mg/L	mg/L	mg/L	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 Quality Standard

Data have not been validated

--- Not Analyzed

* - 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	MW-06D	MW-06D	MW-06D	MW-06D
		Depth Interval	3/17/2020	9/22/2020	3/23/2021	9/21/2021
		Sample ID	MW 6D 031720	MW 6D 092220	MW6D032321	MW6D092121
			mg/L	mg/L	mg/l	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 Quality Standard

Data have not been validated

--- Not Analyzed

* - 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	MW-06D	MW-06D	MW-06D
		Depth Interval	3/22/2022	9/27/2022	3/28/2023
		Sample ID	MW6D032222	MW6D 092722	MW6D 032823
			mg/l	mg/L	mg/L
Ethane	NS		0.00017 U	0.00017 U	0.00019 J
Ethylene	NS		0.00024 U	0.00024 U	0.00024 U
Methane	NS		0.24	0.31	0.21
Hydrogen*	NS		---	---	---

NOTES:

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Dup - duplicate sample, B - Analyte detected in the associated Method Blank

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Data have not been validated

--- Not Analyzed

* - 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	MW-06DD	MW-06DD	MW-06DD	MW-06DD
		Depth Interval	11/14/2005	11/15/2006	10/30/2007	11/19/2008
		Sample ID	MW-6DD_11142005	MW-6DD_11152006	MW 6 DD-103007	MW 6 DD-111908
			mg/l	mg/l	mg/l	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 Quality Standard

Data have not been validated

--- Not Analyzed

* - 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	MW-06DD	MW-06DD	MW-06DD
			-	-	-	-
			10/21/2009 MW-6DD-102109 mg/l	05/19/2010 MW-6DD-051910 mg/l	1/19/2011 MW-6DD-011911 mg/l	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 Quality Standard

Data have not been validated

--- Not Analyzed

* - 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	MW-06DD	MW-06DD	MW-6DD	MW-6DD
		Depth Interval	-	-	-	-
		Sample Date Sample ID	7/26/2011 MW-6DD-072611 mg/l	10/26/2011 MW-6DD-102611 mg/l	3/20/2012 MW-6DD-032012 mg/l	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

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Data have not been validated

--- Not Analyzed

* - 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	MW-6DD	MW-6DD	MW-6DD
			-	-	-	-
			12/19/2012 MW-6DD-121912 mg/l	5/21/2013 MW-6DD-052113 mg/l	8/21/2013 MW-6DD-082113 mg/l	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

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Data have not been validated

--- Not Analyzed

* - 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	MW-6DD	MW-6DD	MW-6DD
			- 3/25/2014 MW-6DD-032514 mg/l	- 6/10/2014 MW-6DD-061014 mg/l	- 9/23/2014 MW6DD092314 mg/L	- 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 Quality Standard

Data have not been validated

--- Not Analyzed

* - 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	MW-6DD	MW-6DD	MW-6DD
			- 9/12/2017 MW6DD091217 mg/L	- 9/19/2018 MW6DD091918 mg/L	- 3/20/2019 MW6DD032019 mg/L	- 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 Quality Standard

Data have not been validated

--- Not Analyzed

* - 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	MW-06DD	MW-06DD	MW-06DD
			- 3/17/2020 MW 6DD 031720 mg/L	- 9/22/2020 MW 6DD 092220 mg/L	- 3/23/2021 MW6DD032321 mg/l	- 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 Quality Standard

Data have not been validated

--- Not Analyzed

* - 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	MW-06DD	MW-06DD	
			- 3/22/2022 MW6DD032222 mg/l	- 9/27/2022 MW6DD 092722 mg/L	3/28/2023 MW6DD 032823 mg/L	
Ethane	NS		0.00031 J	0.00046 J	0.00017 U	
Ethylene	NS		0.00024 U	0.00084 J	0.00032 J	
Methane	NS		0.012	0.39	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 Quality Standard

Data have not been validated

--- Not Analyzed

* - 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	MW-07S	MW-07S	MW-07S	MW-07S
		Depth Interval	-	-	-	-
		Sample Date	2/18/2000	8/16/2001	11/28/2001	2/25/2002
		Sample ID	MW-07S_WG_021800 mg/l	MW-07S_WG_081601 mg/l	MW-07S_WG_112801 mg/l	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 Quality Standard

Data have not been validated

--- Not Analyzed

* - 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	MW-07S	MW-07S	MW-07S	MW-07S
		Depth Interval	-	-	-	-
		Sample Date	5/16/2002	11/15/2004	11/16/2005	11/15/2006
		Sample ID	MW-07S_WG_051602	MW-07S_WG_111504	MW-7S_11162005	MW-7S_11152006
			mg/l	mg/l	mg/l	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 Quality Standard

Data have not been validated

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* - 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	MW-07S	MW-07S	MW-07S
			- 10/31/2007 MW 7-S-103107 mg/l	- 11/20/2008 MW 7-S-112008 mg/l	- 10/20/2009 MW-7S-102009 mg/l	- 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 Quality Standard

Data have not been validated

--- Not Analyzed

* - 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	MW-07S	MW-07S	MW-07S
			- 1/18/2011 MW-7S-011811 mg/l	- 4/19/2011 MW-7S-041911 mg/l	- 7/27/2011 MW-7S-072711 mg/l	- 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 Quality Standard

Data have not been validated

--- Not Analyzed

* - 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	MW-7S	MW-7S	MW-7S
			-	-	-	-
			3/21/2012 MW-7S-032112 mg/l	8/8/2012 MW-7S-080812 mg/l	12/18/2012 MW-7S-121812 mg/l	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 Quality Standard

Data have not been validated

--- Not Analyzed

* - 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	MW-7S	MW-7S	MW-7S
			- 8/20/2013 MW-7S-082013 mg/l	- 12/17/2013 MW-7S-121713 mg/l	- 3/26/2014 MW-7S-032614 mg/l	- 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:

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Dup - duplicate sample, B - Analyte detected in the associated Method Blank

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Data have not been validated

--- Not Analyzed

* - 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	MW-7S	MW-7S	MW-7S
			- 9/24/2014 MW7S092414 mg/L	- 4/12/2017 MW7S041217 mg/L	- 9/13/2017 MW7S091317 mg/L	- 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 Quality Standard

Data have not been validated

--- Not Analyzed

* - 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	MW-7S	MW-07S	MW-07S
			- 3/19/2019 MW7S031919 mg/L	- 3/19/2019 X-1-031919 mg/L	- 9/24/2019 MW-7S-092419 mg/L	- 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 Quality Standard

Data have not been validated

--- Not Analyzed

* - 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	MW-07S	MW-07S	MW-07S	MW-07S	MW-07S
			- 9/24/2020 MW 7S 092420 mg/L	- 3/25/2021 MW7S032521 mg/l	- 9/22/2021 MW7S092221 mg/l	- 3/23/2022 MW7S032322 mg/l	- 9/28/2022 MW7S 092822 mg/L	- 3/29/2023 MW7S 032923 mg/L
Ethane	NS		NOT SAMPLED	0.00018 J	0.00017 U	0.00017 U	0.00017 U	0.00023 J
Ethylene	NS			0.00012 U	0.00024 U	0.00024 U	0.00024 U	0.00034 J
Methane	NS			1.6	0.24	0.0036 J	0.002 U	0.0030 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 Quality Standard

Data have not been validated

--- Not Analyzed

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Table 6
Groundwater Data - Dissolved Gases
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW Stds (mg/l)	Location ID	MW-07D	MW-07D	MW-07D	MW-07D
		Depth Interval	-	-	-	-
		Sample Date	2/18/2000	8/16/2001	11/28/2001	2/25/2002
		Sample ID	MW-07D_WG_021800 mg/l	MW-07D_WG_081601 mg/l	MW-07D_WG_112801 mg/l	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 Quality Standard

Data have not been validated

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Table 6
Groundwater Data - Dissolved Gases
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW Stds (mg/l)	Location ID	MW-07D	MW-07D	MW-07D	MW-07D
		Depth Interval	-	-	-	-
		Sample Date	5/16/2002	11/15/2004	11/16/2005	11/15/2006
		Sample ID	MW-07D_WG_051602	MW-07D_WG_111504	MW-7D_11162005	MW-7D_11152006
			mg/l	mg/l	mg/l	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 Quality Standard

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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	MW-07D	MW-07D	MW-07D
			- 10/31/2007 MW 7-D-103107 mg/l	- 11/20/2008 MW 7-D-112008 mg/l	- 10/20/2009 MW-7D-102009 mg/l	- 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

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Data have not been validated

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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	MW-07D	MW-07D	MW-07D
			- 1/18/2011 MW-7D-011811 mg/l	- 4/19/2011 MW-7D-041911 mg/l	- 7/27/2011 MW-7D-072711 mg/l	- 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

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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	MW-7D	MW-7D	MW-7D
			-	-	-	-
			10/25/2011 MW-7D-102511 mg/l	3/21/2012 MW-7D-032112 mg/l	8/8/2012 MW-7D-080812 mg/l	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

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* - 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	MW-7D	MW-7D	MW-7D
			-	-	-	-
			5/23/2013 MW-7D-052313 mg/l	8/20/2013 MW-7D-082013 mg/l	12/17/2013 MW-7D-121713 mg/l	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

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Data have not been validated

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* - 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	MW-7D	MW-7D	MW-7D
			- 6/11/2014 MW-7D-061114 mg/l	- 9/24/2014 MW7D092414 mg/L	- 4/12/0217 MW7D041217 mg/L	- 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

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Data have not been validated

--- Not Analyzed

* - 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	MW-7D	MW-07D	MW-07D
			- 9/18/2018 MW7D091818 mg/L	- 3/19/2019 MW7D031919 mg/L	- 9/24/2019 MW-7D-092419 mg/L	- 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

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Data have not been validated

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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	MW-07D	MW-07D	MW-07D
			- 9/24/2020 MW 7D 092420 mg/L	- 3/25/2021 MW7D032521 mg/l	- 9/22/2021 MW7D092221 mg/l	- 3/23/2022 MW7D032322 mg/l
Ethane	NS		0.000075 U	0.000075 U	0.00017 U	< 0.17 U
Ethylene	NS		0.00012 U	0.00012 U	0.00024 U	< 0.24 U
Methane	NS		0.73	0.086	0.002 U	< 2.0 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

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Data have not been validated

--- Not Analyzed

* - 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	MW-07D		
			- 9/28/2022 MW7D 092822 mg/L	- 3/29/2023 MW7D 032923 mg/L		
Ethane	NS		0.00017 U	0.00022 J		
Ethylene	NS		0.00024 U	0.00038 J		
Methane	NS		0.002 U	0.0024 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

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Data have not been validated

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Table 6
Groundwater Data - Dissolved Gases
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW Stds (mg/l)	Location ID	MW-07DD	MW-07DD	MW-07DD	MW-07DD
		Depth Interval	-	-	-	-
		Sample Date	11/16/2005	11/15/2006	10/31/2007	11/20/2008
		Sample ID	MW-7DD_11162005	MW-7DD(2)_11152006	MW 7-DD 2-103107	MW 7-DD 2-112008
			mg/l	mg/l	mg/l	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

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Data have not been validated

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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	MW-07DD	MW-07DD	MW-07DD
			- 10/20/2009 MW-7DD-102009 mg/l	- 05/17/2010 MW-7DD-051710 mg/l	- 1/18/2011 MW-7DD-011811 mg/l	- 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

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Table 6
Groundwater Data - Dissolved Gases
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW Stds (mg/l)	Location ID	MW-07DD	MW-07DD	MW-7DD	MW-7DD
		Depth Interval	-	-	-	-
		Sample Date Sample ID	7/27/2011 MW-7DD(2)-072711 mg/l	10/26/2011 MW-7DD-102611 mg/l	3/21/2012 MW-7DD-032112 mg/l	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 Quality Standard

Data have not been validated

--- Not Analyzed

* - 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	X-1	MW-7DD	MW-7DD
			-	-	-	-
			12/18/2012 MW-7DD-121812 mg/l	12/18/2012 MW-7DD-121812 mg/l	5/23/2013 MW-7DD-052313 mg/l	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 Quality Standard

Data have not been validated

--- Not Analyzed

* - 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	MW-7DD	MW-7DD	MW-7DD
			- 12/17/2013 MW-7DD-121713 mg/l	- 3/26/2014 MW-7DD-032614 mg/l	- 6/11/2014 MW-7DD-061114 mg/l	- 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

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Data have not been validated

--- Not Analyzed

* - 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	MW-7DD	MW-7DD	MW-7DD
			- 4/12/2017 MW7DD041217 mg/L	- 9/13/2017 MW7DD091317 mg/L	- 9/13/2017 MW7DD091317 mg/L	- 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 Quality Standard

Data have not been validated

--- Not Analyzed

* - 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	MW-07DD	MW-07DD	MW-07DD
			- 9/24/2019 MW-7DD-092419 mg/L	- 3/18/2020 MW 7DD 031820 mg/L	- 9/24/2020 MW 7DD 092420 mg/L	- 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

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Data have not been validated

--- Not Analyzed

* - 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	MW-07DD	MW-07DD	MW-07DD
			- 9/23/2021 MW7DD092321 mg/l	- 3/23/2022 MW7DD032322 mg/l	- 9/28/2022 MW7DD 092822 mg/L	- 3/29/2023 MW7DD 032923 mg/L
Ethane	NS		0.0045	0.00062 J	0.003	0.0040 J
Ethylene	NS		0.001 U	0.00024 U	0.00024 U	0.00096 U
Methane	NS		0.040	0.047	0.026	0.015 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 Quality Standard

Data have not been validated

--- Not Analyzed

* - 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	MW-08S	MW-08S	MW-08S	MW-08S
		Depth Interval	-	-	-	-
		Sample Date	2/18/2000	8/16/2001	11/28/2001	2/25/2002
		Sample ID	MW-08S_WG_021800 mg/l	MW-08S_WG_081601 mg/l	MW-08S_WG_112801 mg/l	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 Quality Standard

Data have not been validated

--- Not Analyzed

* - 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	MW-08S	MW-08S	MW-08S	MW-08S
		Depth Interval	-	-	-	-
		Sample Date	5/16/2002	11/16/2004	11/16/2005	11/15/2006
		Sample ID	MW-08S_WG_051602	MW-08S_WG_111604	MW-8S_11162005	MW-8S_11152006
			mg/l	mg/l	mg/l	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 Quality Standard

Data have not been validated

--- Not Analyzed

* - 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	MW-08S	MW-8S	MW-08S
			-	-	-	-
			11/1/2007 MW8-S-110107 mg/l	11/18/2008 MW8-S-111808 mg/l	10/20/2009 MW-8S-102009 mg/l	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:

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Dup - duplicate sample, B - Analyte detected in the associated Method Blank

[] - Exceeds NYS Class GA Ground Water Quality Standard

Data have not been validated

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* - 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	MW-08S	MW-08S	MW-08S
			-	-	-	-
			1/18/2011 MW-8S-011811 mg/l	4/19/2011 MW-8S-041911 mg/l	7/27/2011 MW-8S-072711 mg/l	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:

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Dup - duplicate sample, B - Analyte detected in the associated Method Blank

[] - Exceeds NYS Class GA Ground Water Quality Standard

Data have not been validated

--- Not Analyzed

* - 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	MW-8S	MW-8S	MW-8S
			- 3/21/2012 MW-8S-032112 mg/l	- 8/8/2012 MW-8S-080812 mg/l	- 12/18/2012 MW-8S-121812 mg/l	- 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:

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Dup - duplicate sample, B - Analyte detected in the associated Method Blank

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Data have not been validated

--- Not Analyzed

* - 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	X-1	MW-8S	MW-8S
			-	-	-	-
			8/20/2013 MW-8S-082013 mg/l	8/20/2013 MW-8S-082013 mg/l	12/17/2013 MW-8S-121713 mg/l	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:

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Data have not been validated

--- Not Analyzed

* - 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	MW-8S	MW-8S	MW-8S
			- 6/11/2014 MW-8S-061114 mg/l	- 9/24/2014 MW8S092414 mg/L	- 4/12/2017 MW8S041217 mg/L	- 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

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Data have not been validated

--- Not Analyzed

* - 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	MW-8S	MW-08S	MW-08S
			- 9/18/2018 MW8S091818 mg/L	- 3/19/2019 MW8S031919 mg/L	- 9/24/2019 MW-8S-092419 mg/L	- 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:

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Dup - duplicate sample, B - Analyte detected in the associated Method Blank

[] - Exceeds NYS Class GA Ground Water Quality Standard

Data have not been validated

--- Not Analyzed

* - 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	MW-08S	MW-08S	MW-08S
			- 9/24/2020 MW 8S 092420 mg/ L	- 3/25/2021 MW8S032521 mg/l	- 9/22/2021 MW8S092221 mg/l	- 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

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Data have not been validated

--- Not Analyzed

* - 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	MW-08S	MW-08S	
			- 9/28/2022 MW8S 092822 mg/L	- 9/28/2022 X-1 092822 mg/L	- 3/29/2023 MW8S 032923 mg/L	
Ethane	NS		0.00017 U	0.00017 U	0.00025 J	
Ethylene	NS		0.00024 U	0.00024 U	0.00043 J	
Methane	NS		0.002 U	0.002 U	0.0025 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 Quality Standard

Data have not been validated

--- Not Analyzed

* - 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	MW-08D	MW-08D	MW-08D	MW-08D
		Depth Interval	-	-	-	-
		Sample Date	2/18/2000	8/16/2001	11/28/2001	2/25/2002
		Sample ID	MW-08D_WG_021800 mg/l	MW-08D_WG_081601 mg/l	MW-08D_WG_112801 mg/l	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 Quality Standard

Data have not been validated

--- Not Analyzed

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Table 6
Groundwater Data - Dissolved Gases
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW Stds (mg/l)	Location ID	MW-08D	MW-08D	MW-08D	MW-08D
		Depth Interval	-	-	-	-
		Sample Date	5/16/2002	11/16/2004	11/16/2005	11/15/2006
		Sample ID	MW-08D_WG_051602	MW-08D_WG_111604	MW-8D_11162005	MW-8D_11152006
			mg/l	mg/l	mg/l	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 Quality Standard

Data have not been validated

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* - 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	MW-08D	MW-08D	MW-08D
			- 11/1/2007 MW8-D-110107 mg/l	- 11/18/2008 MW8-D-111808 mg/L	- 10/20/2009 MW-8D-102009 mg/l	- 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

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Data have not been validated

--- Not Analyzed

* - 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	MW-08D	MW-08D	MW-08D
			-	-	-	-
			1/19/2011 MW-8D-011911 mg/l	4/19/2011 MW-8D-041911 mg/l	7/27/2011 MW-8D-072711 mg/l	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 Quality Standard

Data have not been validated

--- Not Analyzed

* - 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	MW-8D	MW-8D	MW-8D
			-	-	-	-
			3/21/2012 MW-8D-032112 mg/l	8/8/2012 MW-8D-080812 mg/l	12/18/2012 MW-8D-121812 mg/l	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 Quality Standard

Data have not been validated

--- Not Analyzed

* - 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	MW-8D	MW-8D	X-1
			8/20/2013 MW-8D-082013 mg/l	12/17/2013 MW-8D-121713 mg/l	3/26/2014 MW-8D-032614 mg/l	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

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Data have not been validated

--- Not Analyzed

* - 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	MW-8D	X-1	MW-8D
			- 6/11/2014 MW-8D-061114 mg/l	- 9/24/2014 MW8D092414 mg/L	- 9/24/2014 MW8D092414 mg/L	- 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

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Data have not been validated

--- Not Analyzed

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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	MW-8D	MW-8D	MW-08D
			- 9/13/2017 MW8D091317 mg/L	- 9/18/2018 MW8D091819 mg/L	- 3/19/2019 MW8D031919 mg/L	- 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 Quality Standard

Data have not been validated

--- Not Analyzed

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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	MW-08D	MW-08D	MW-08D
			- 3/18/2020 MW 8D 031820 mg/L	- 9/23/2020 MW 8D 092320 mg/L	- 3/25/2021 MW8D032521 mg/l	- 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 Quality Standard

Data have not been validated

--- Not Analyzed

* - 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	MW-08D	MW-08D	MW-08D
			- 3/23/2022 MW8D032322 mg/l	- 3/23/2022 X-1-032322 mg/l	- 9/28/2022 MW8D 092822 mg/L	- 3/30/2023 MW8D-033023 mg/L
Ethane	NS		0.00029 J	0.00017 U	0.0002 J	0.00027 J
Ethylene	NS		0.00024 U	0.00024 U	0.00024 U	0.00025 J
Methane	NS		0.2	0.18	0.16	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 Quality Standard

Data have not been validated

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Table 6
Groundwater Data - Dissolved Gases
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW Stds (mg/l)	Location ID	MW-08DD	MW-08DD	MW-08DD	MW-08DD
		Depth Interval	-	-	-	-
		Sample Date	11/16/2005	11/15/2006	11/1/2007	11/18/2008
		Sample ID	MW-8DD_11162005	MW-8DD_11152006	MW-8DD-110107	MW-8DD-111808
			mg/l	mg/l	mg/l	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 Quality Standard

Data have not been validated

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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	MW-08DD	MW-8DD	MW-8DD
			- 10/20/2009 MW-8DD-102009 mg/l	- 05/18/2010 MW-8DD-051810 mg/l	- 1/18/2011 MW-8DD-011811 mg/l	- 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 Quality Standard

Data have not been validated

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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	MW-08DD	MW-8DD	MW-8DD
			-	-	-	-
			7/27/2011 MW-8DD-072711 mg/l	10/25/2011 MW-8DD-102511 mg/l	3/21/2012 MW-8DD-032112 mg/l	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 Quality Standard

Data have not been validated

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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	MW-8DD	MW-8DD	MW-8DD
			-	-	-	-
			12/18/2012 MW-8DD-121812 mg/l	5/22/2013 MW-8DD-052213 mg/l	8/20/2013 MW-8DD-082013 mg/l	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

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Data have not been validated

--- Not Analyzed

* - 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	MW-8DD	MW-8DD	MW-8DD
			- 3/26/2014 MW-8DD-032614 mg/l	- 6/11/2014 MW-8DD-061114 mg/l	- 9/24/2014 MW8DD092414 mg/L	- 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

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Data have not been validated

--- Not Analyzed

* - 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	MW-8DD	MW-8DD	MW-08DD
			- 9/13/2017 MW8DD091317 mg/L	- 9/18/2018 MW8DD091818 mg/L	- 3/19/2019 MW8DD031919 mg/L	- 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:

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Dup - duplicate sample, B - Analyte detected in the associated Method Blank

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Data have not been validated

--- Not Analyzed

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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	MW-08DD	MW-08DD	MW-08DD
			- 3/18/2020 MW 8DD 031820 mg/L	- 9/23/2020 MW 8DD 092320 mg/L	- 3/25/2021 MW8DD032521 mg/l	- 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:

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Dup - duplicate sample, B - Analyte detected in the associated Method Blank

[] - Exceeds NYS Class GA Ground Water Quality Standard

Data have not been validated

--- Not Analyzed

* - 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	MW-08DD	MW-08DD	
			- 3/23/2022 MW8DD032322 mg/l	- 9/28/2022 MW8DD 092822 mg/L	- 3/30/2023 MW8DD-033023 mg/L	
Ethane	NS		0.00017 U	0.00041 J	0.00023 J	
Ethylene	NS		0.00024 U	0.00024 U	0.00027 J	
Methane	NS		0.1	0.39	0.09	
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 Quality Standard

Data have not been validated

--- Not Analyzed

* - 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	MW-10S	MW-10S	MW-10S	MW-10S
		Depth Interval	-	-	-	-
		Sample Date	2/15/2000	8/14/2001	11/29/2001	2/27/2002
		Sample ID	MW-10S_WG_021500	MW-10S_WG_081401	MW-10S_WG_112901	MW-10S_WG_022702
			mg/l	mg/l	mg/l	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 Quality Standard

Data have not been validated

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* - 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	MW-10S	MW-10S	MW-10S	MW-10S
		Depth Interval	-	-	-	-
		Sample Date Sample ID	5/15/2002 MW-10S_WG_051502 mg/l	11/17/2004 MW-10S_WG_111704 mg/l	11/14/2005 MW-10S_11142005 mg/l	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:

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Dup - duplicate sample, B - Analyte detected in the associated Method Blank

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Data have not been validated

--- Not Analyzed

* - 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	MW-10S	MW-10S	MW-10S	MW-10S
		Depth Interval	-	-	-	-
		Sample Date Sample ID	10/30/2007 MW 10 S-103007 mg/l	11/19/2008 MW 10 S-111908 mg/l	10/22/2009 MW-10S-102209 mg/l	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:

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Dup - duplicate sample, B - Analyte detected in the associated Method Blank

[] - Exceeds NYS Class GA Ground Water Quality Standard

Data have not been validated

--- Not Analyzed

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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	MW-10S	MW-10S	MW-10S
			1/20/2011 MW-10S-012011 mg/l	4/20/2011 MW-10S-042011 mg/l	7/26/2011 MW-10S-072611 mg/l	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:

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Data have not been validated

--- Not Analyzed

* - 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	MW-10S	MW-10S	MW-10S
			- 3/20/2012 MW-10S-032012 mg/l	- 8/7/2012 MW-10S-080712 mg/l	- 12/19/2012 MW-10S-121912 mg/l	- 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:

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Dup - duplicate sample, B - Analyte detected in the associated Method Blank

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Data have not been validated

--- Not Analyzed

* - 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	MW-10S	MW-10S	MW-10S
			8/22/2013 MW-10S-082213 mg/l	12/18/2013 MW-10S-121813 mg/l	3/25/2014 MW-10S-032514 mg/l	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

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Data have not been validated

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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	MW-10S	MW-10S	MW-10S
			9/23/2014 MW10S092314 mg/L	4/11/2017 MW10S041117 mg/L	9/12/2017 MW10S091217 mg/L	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:

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Data have not been validated

--- Not Analyzed

* - 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 Quality Standard

Data have not been validated

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* - 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	MW-10S	MW-10S	MW-10S
			9/23/2020 MW 10S 092320 mg/L	9/23/2020 X-1 092320 mg/L	9/23/2021 MW10S092321 mg/l	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

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Data have not been validated

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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	MW-10S	MW-10S
			3/24/2022 MW10S032422 mg/l	9/29/2022 MW10S 092922 mg/L	3/29/2023 MW10S 032923 mg/L
Ethane	NS		< 0.17 U	0.00017 U	0.00017 U
Ethylene	NS		< 0.24 U	0.00024 U	0.00024 U
Methane	NS		240	0.72	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 Quality Standard

Data have not been validated

--- Not Analyzed

* - 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	MW-10D	MW-10D	MW-10D	MW-10D
		Depth Interval	-	-	-	-
		Sample Date	2/15/2000	8/14/2001	11/29/2001	2/27/2002
		Sample ID	MW-10D_WG_021500 mg/l	MW-10D_WG_081401 mg/l	MW-10D_WG_112901 mg/l	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 Quality Standard

Data have not been validated

--- Not Analyzed

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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	MW-10D	MW-10D	MW-10D
			-	-	-	-
			5/15/2002	11/17/2004	11/14/2005	11/14/2006
			MW-10D_WG_051502	MW-10D_WG_111704	MW-10D_11142005	MW-10D_11142006
			mg/l	mg/l	mg/l	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

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Data have not been validated

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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	MW-10D	MW-10D	MW-10D
			- 10/30/2007 MW 10 D-103007 mg/l	- 11/19/2008 MW 10 D-111908 mg/l	- 10/22/2009 MW-10D-102209 mg/l	- 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

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Data have not been validated

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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	MW-10D	MW-10D	MW-10D
			-	-	-	-
			1/20/2011 MW-10D-012011 mg/l	4/20/2011 MW-10D-045011 mg/l	7/26/2011 MW-10D-072611 mg/l	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

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Data have not been validated

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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	MW-10D	MW-10D	MW-10D
			- 10/27/2011 MW-10D-102711 mg/l	- 3/20/2012 MW-10D-032012 mg/l	- 8/7/2012 MW-10D-080712 mg/l	- 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 Quality Standard

Data have not been validated

--- Not Analyzed

* - 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	MW-10D	MW-10D	X-1-121813
			-	-	-	-
			5/21/2013 MW-10D-052113 mg/l	8/22/2013 MW-10D-082213 mg/l	12/18/2013 MW-10D-121813 mg/l	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 Quality Standard

Data have not been validated

--- Not Analyzed

* - 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	MW-10D	MW-10D	MW-10D
			-	-	-	-
			3/25/2014 MW-10D-032514 mg/l	6/10/2014 MW-10D-061014 mg/l	9/23/2014 MW10D092314 mg/L	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 Quality Standard

Data have not been validated

--- Not Analyzed

* - 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	MW-10D	MW-10D	MW-10D
			- 9/12/2017 MW10D091217 mg/L	- 9/19/2018 MW10D091918 mg/L	- 3/20/219 MW10D032019 mg/L	- 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 Quality Standard

Data have not been validated

--- Not Analyzed

* - 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 Quality Standard

Data have not been validated

--- Not Analyzed

* - 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	MW-10D	MW-10D	MW-10D
			- 9/23/2021 MW10D092321 mg/l	- 3/24/2022 MW10D032422 mg/l	- 9/29/2022 MW10D 092922 mg/L	- 3/29/2023 MW10D 032923 mg/L
Ethane	NS		0.001 U	0.00017 U	0.00017 U	0.00025 J
Ethylene	NS		0.001 U	0.00024 U	0.00024 U	0.00024 U
Methane	NS		0.053	0.34	0.76	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

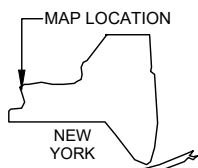
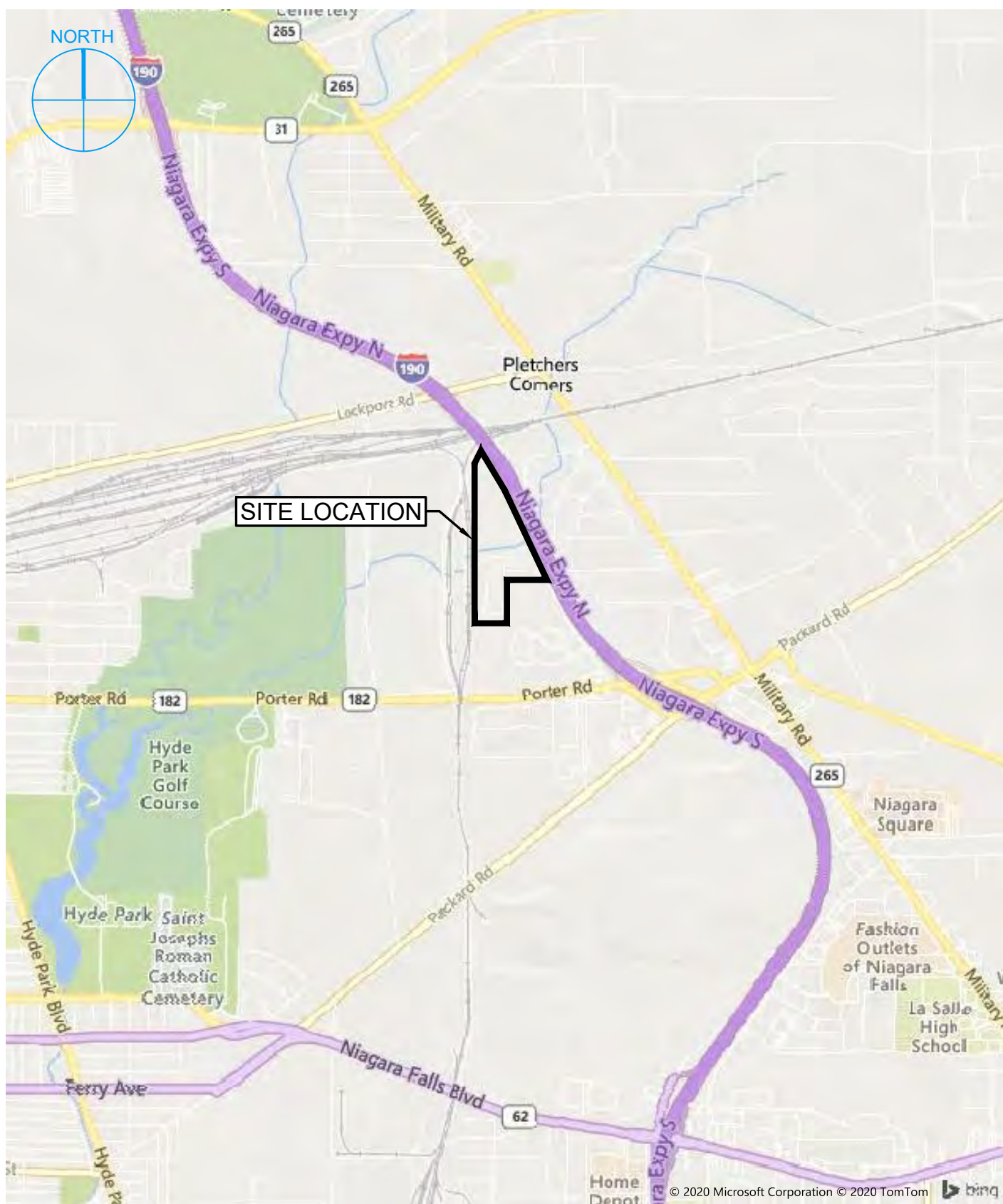
[] - Exceeds NYS Class GA Ground Water Quality Standard

Data have not been validated

--- Not Analyzed

* - Unit in nM

FIGURES



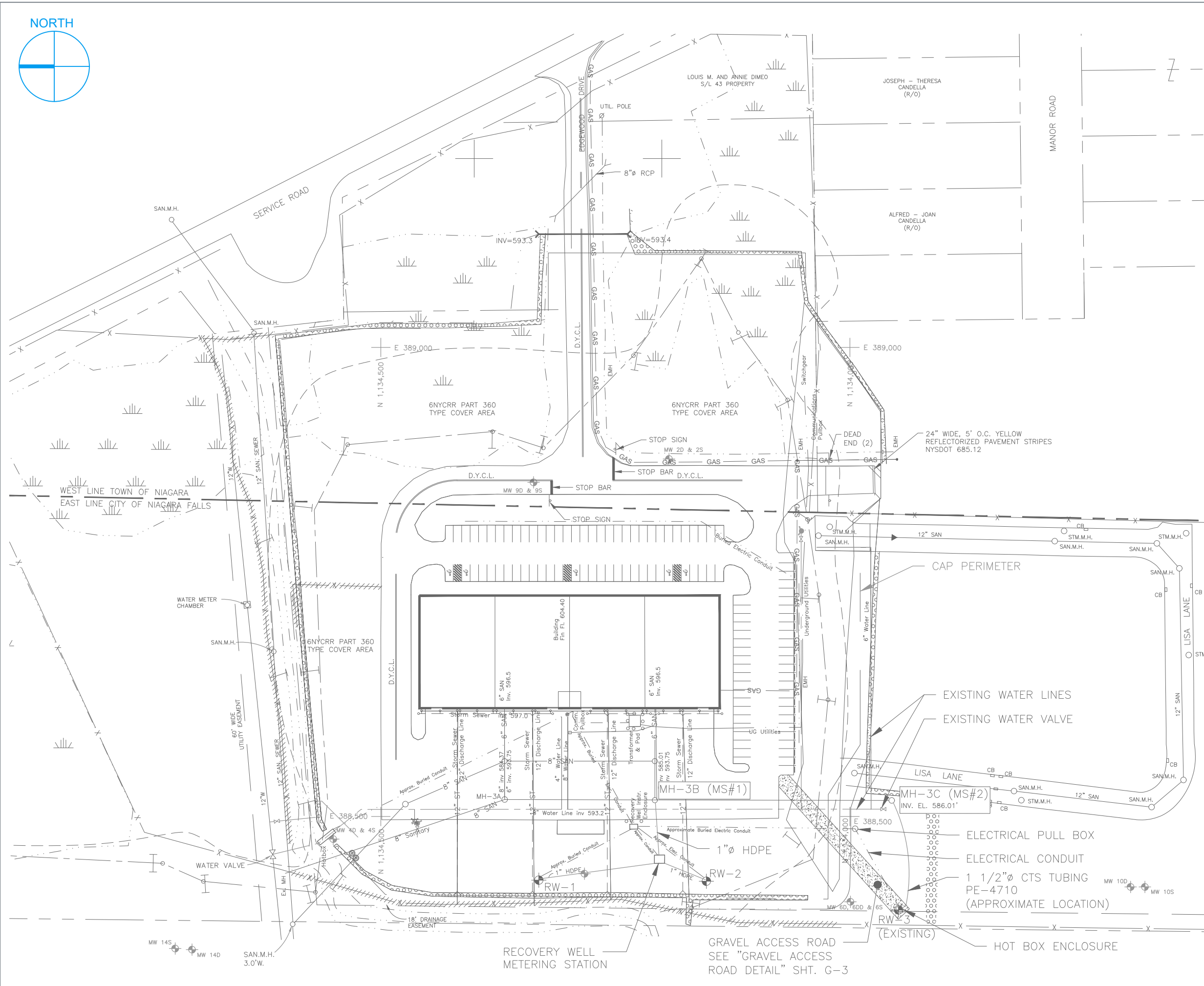
SITE LOCATION

FIGURE 01

FOREST GLEN
SUPERFUND SITE
NIAGARA COUNTY, NEW YORK

O'BRIEN & GERE ENGINEERS
A RAMBOLL COMPANY

RAMBOLL



LEGEND

- EXISTING FENCE
- UNDERGROUND UTILITY SERVICE
- UNDERGROUND GAS
- EXISTING SANITARY SEWER
- WATER SERVICE
- PROPERTY LINE
- LIMITS OF EASEMENT
- EXISTING MONITORING WELL
- EXISTING WETLAND (FORMER WITHIN CAP LIMITS)
- RECOVERY WELL



SITE PLAN

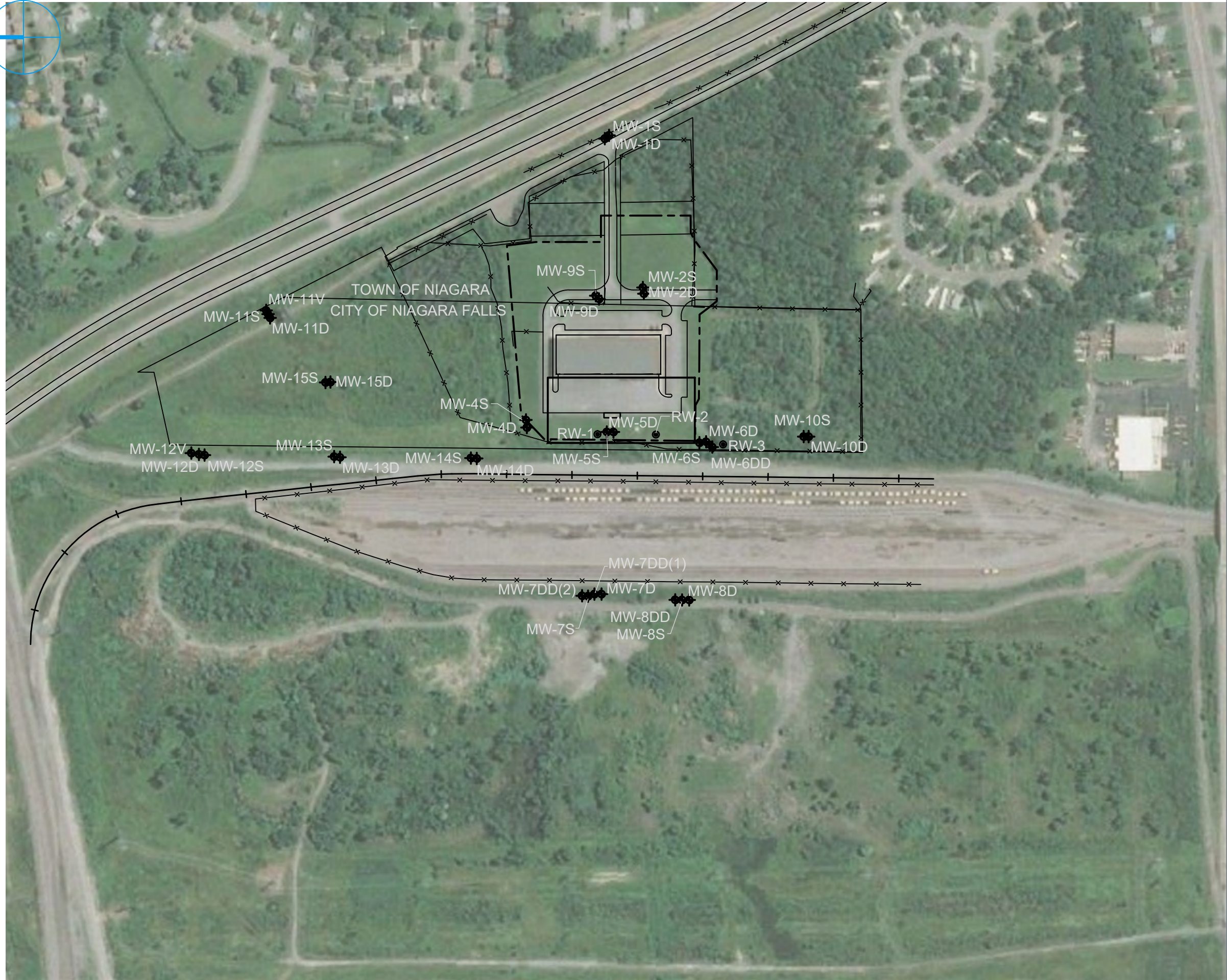
FOREST GLEN SUPERFUND SITE
NIAGARA COUNTY, NEW YORK

JANUARY 2021

FIGURE 02

O'BRIEN & GERE ENGINEERS
A RAMBOLL COMPANY





LEGEND

- x— FENCE LINE
- +— RAILROAD TRACKS
- ◆ EXISTING MONITORING WELL LOCATION
- APPROXIMATE RECOVERY WELL LOCATION
- ENGINEERED CAP LIMITS



SITE OVERVIEW

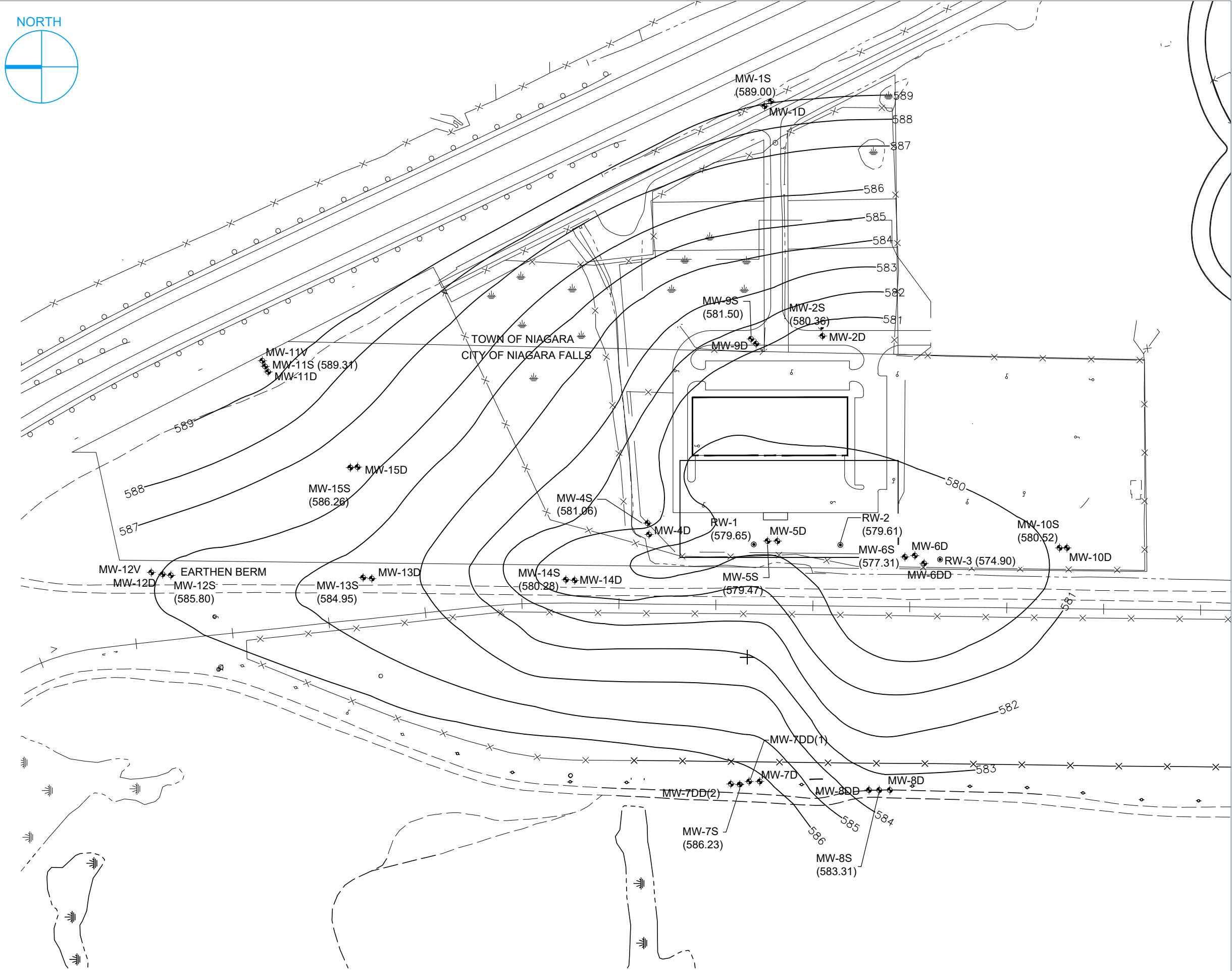
FOREST GLEN SUPERFUND SITE
NIAGARA COUNTY, NEW YORK

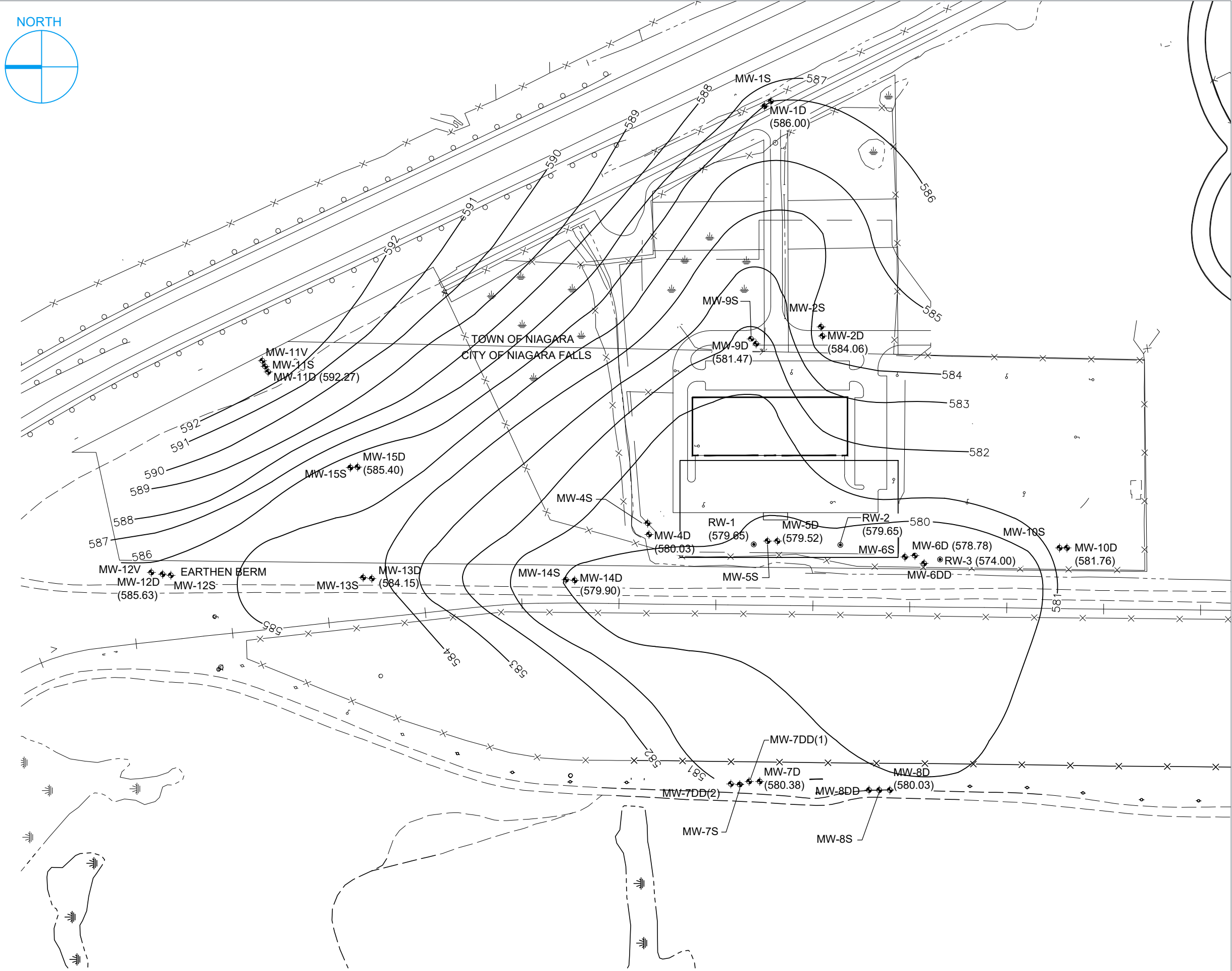
JANUARY 2021

FIGURE 03

O'BRIEN & GERE ENGINEERS
A RAMBOLL COMPANY







- 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.



**DEEP BEDROCK
GROUND WATER
ELEVATION CONTOURS
(03/27/2023)**

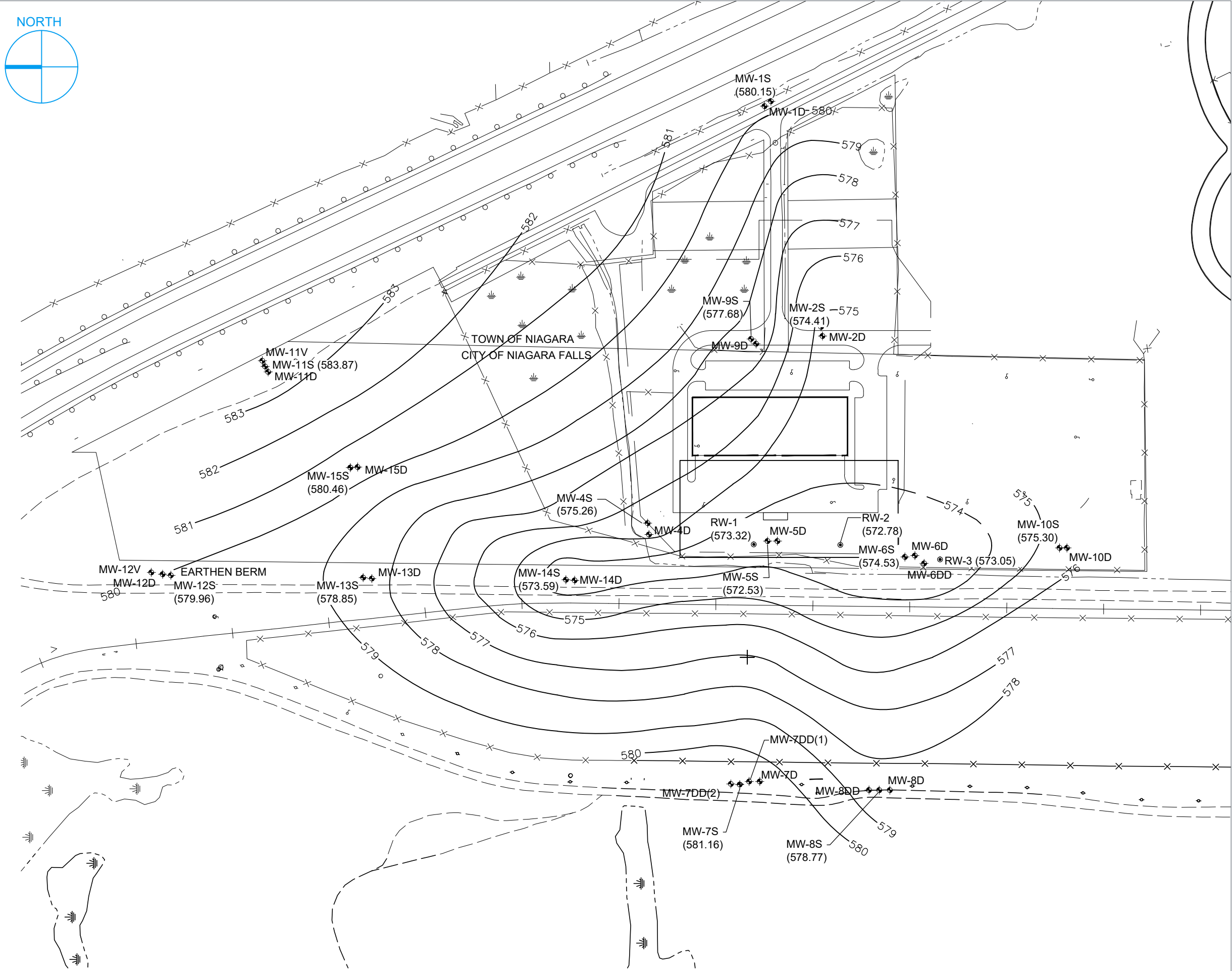
FOREST GLEN SUPERFUND SITE
NIAGARA COUNTY, NEW YORK

APRIL 2023

FIGURE 05

O'BRIEN & GERE ENGINEERS
A RAMBOLL COMPANY





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.



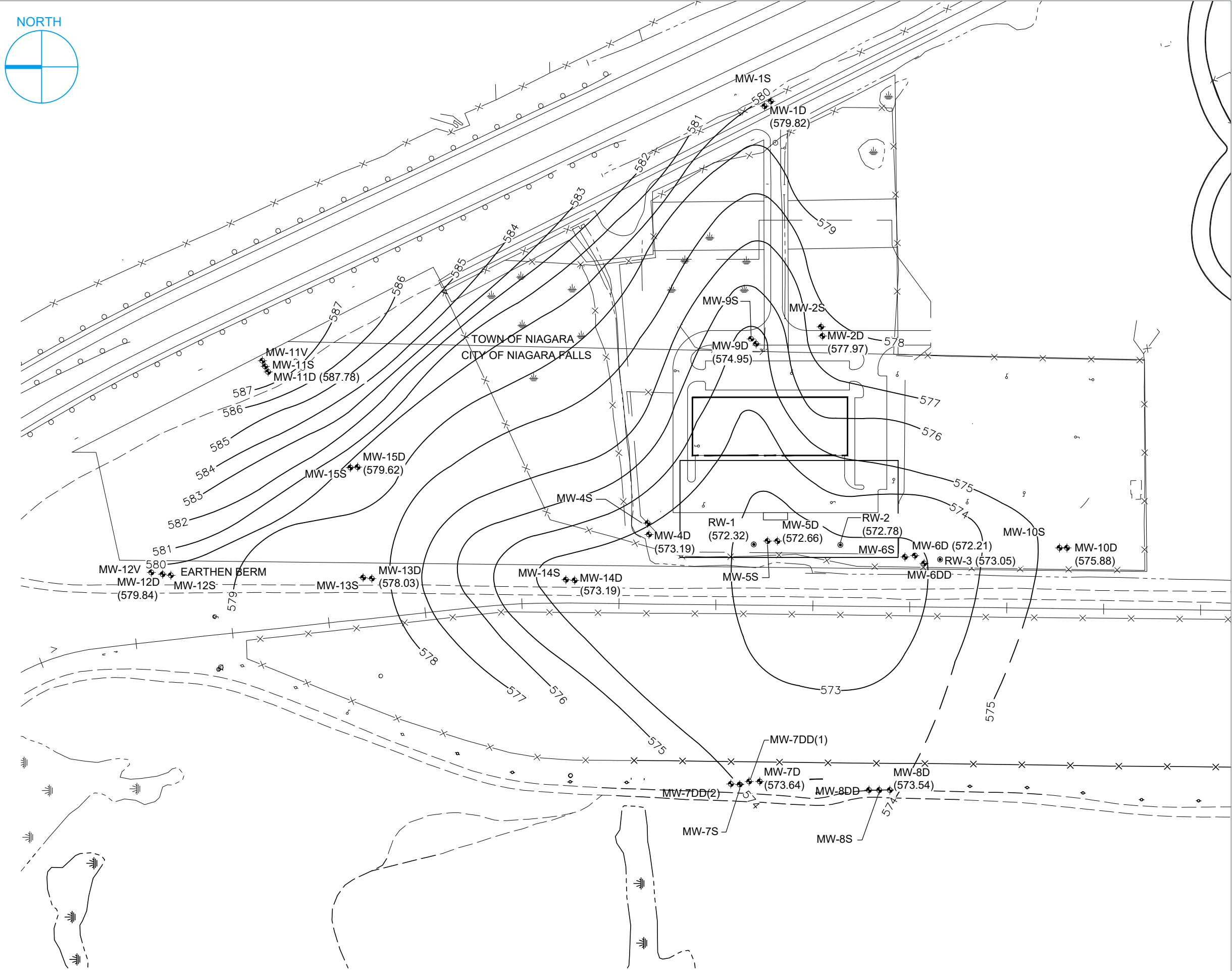
**SHALLOW BEDROCK
GROUND WATER
ELEVATION CONTOURS
(06/13/2023)**

FOREST GLEN SUPERFUND SITE
NIAGARA COUNTY, NEW YORK

JULY 2023

FIGURE 06

O'BRIEN & GERE ENGINEERS
A RAMBOLL COMPANY



- 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.



**DEEP BEDROCK
GROUND WATER
ELEVATION CONTOURS
(06/13/2023)**

FOREST GLEN SUPERFUND SITE
NIAGARA COUNTY, NEW YORK

JULY 2023

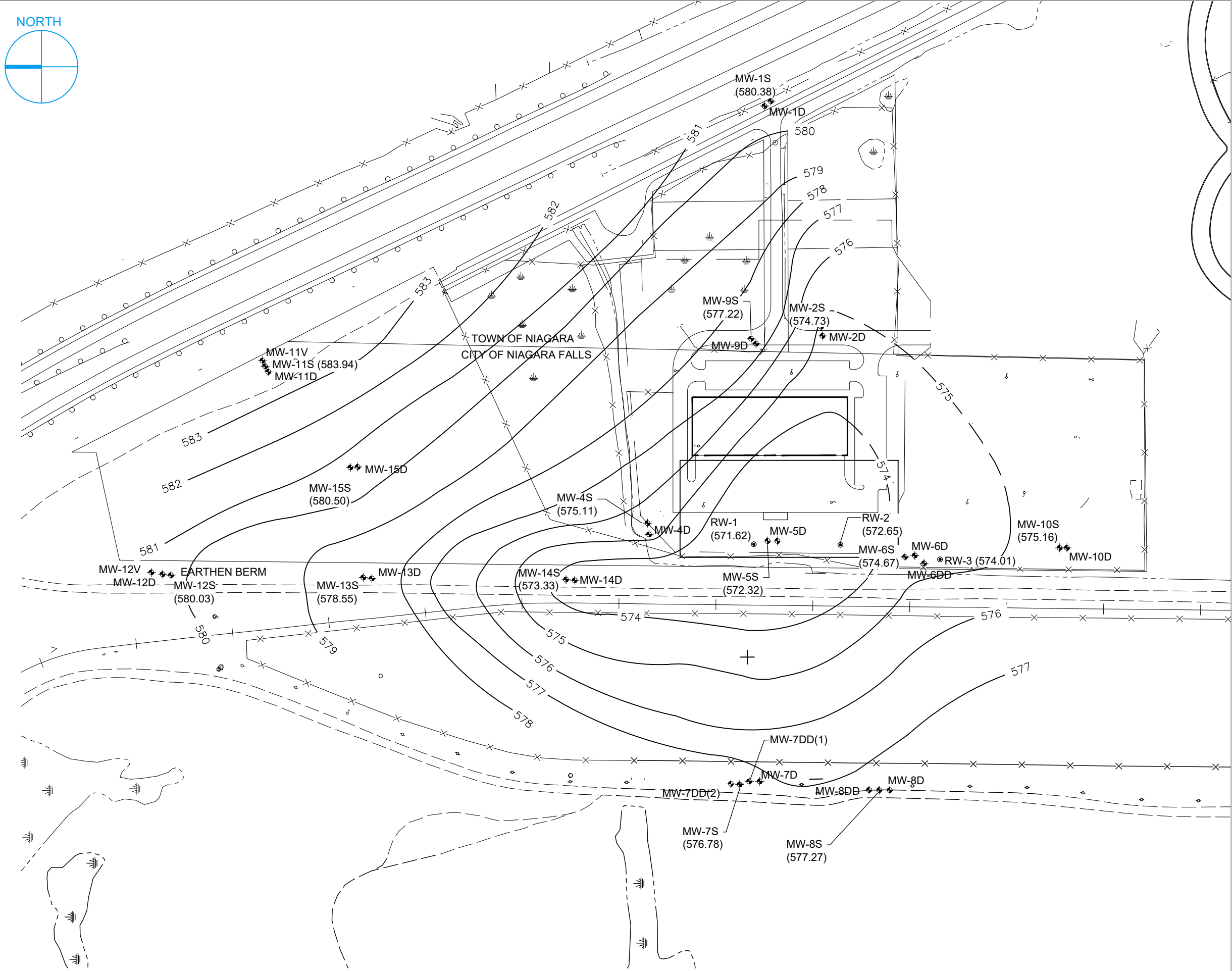
FIGURE 07

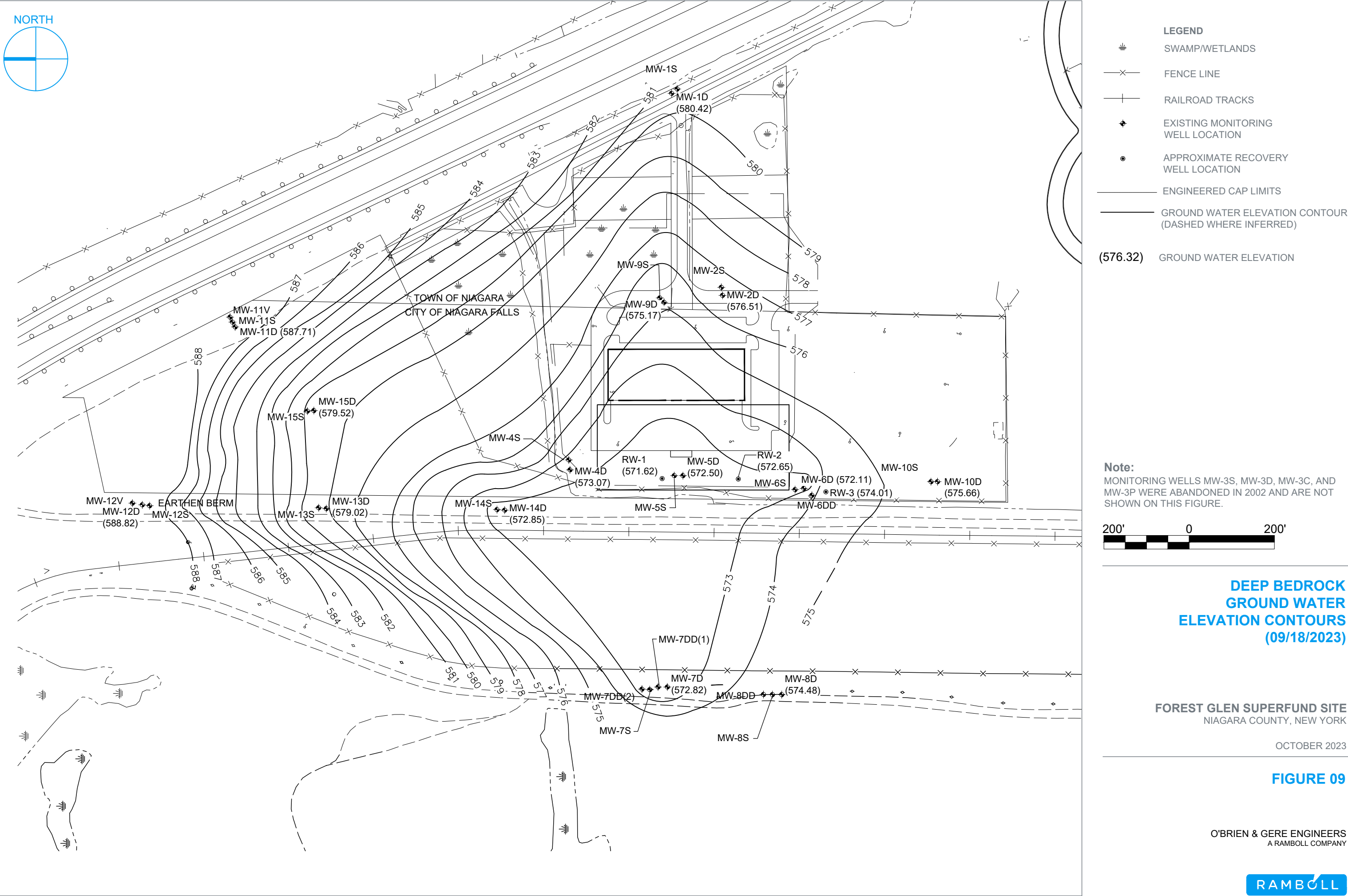
O'BRIEN & GERE ENGINEERS
A RAMBOLL COMPANY

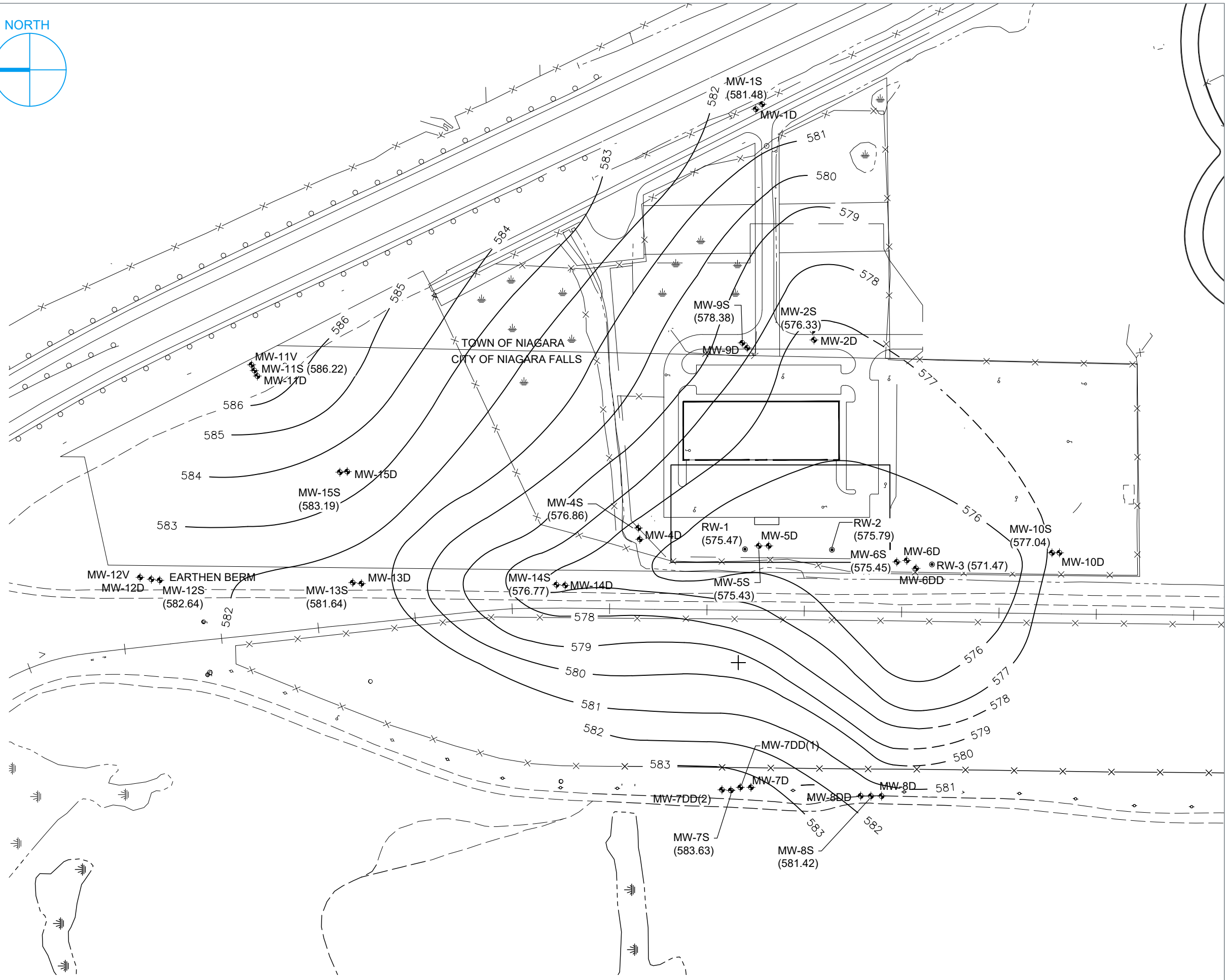


I:\Goodyear.5540\70165-Forrest-Glen-2011\Docs\DWG\Sheets\70165-042-FIG2.dwg

PROJECT: 5540.70165 DATED: 10/9/2023 3:47 PM 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.



**SHALLOW BEDROCK
GROUND WATER
ELEVATION CONTOURS
(12/13/2023)**

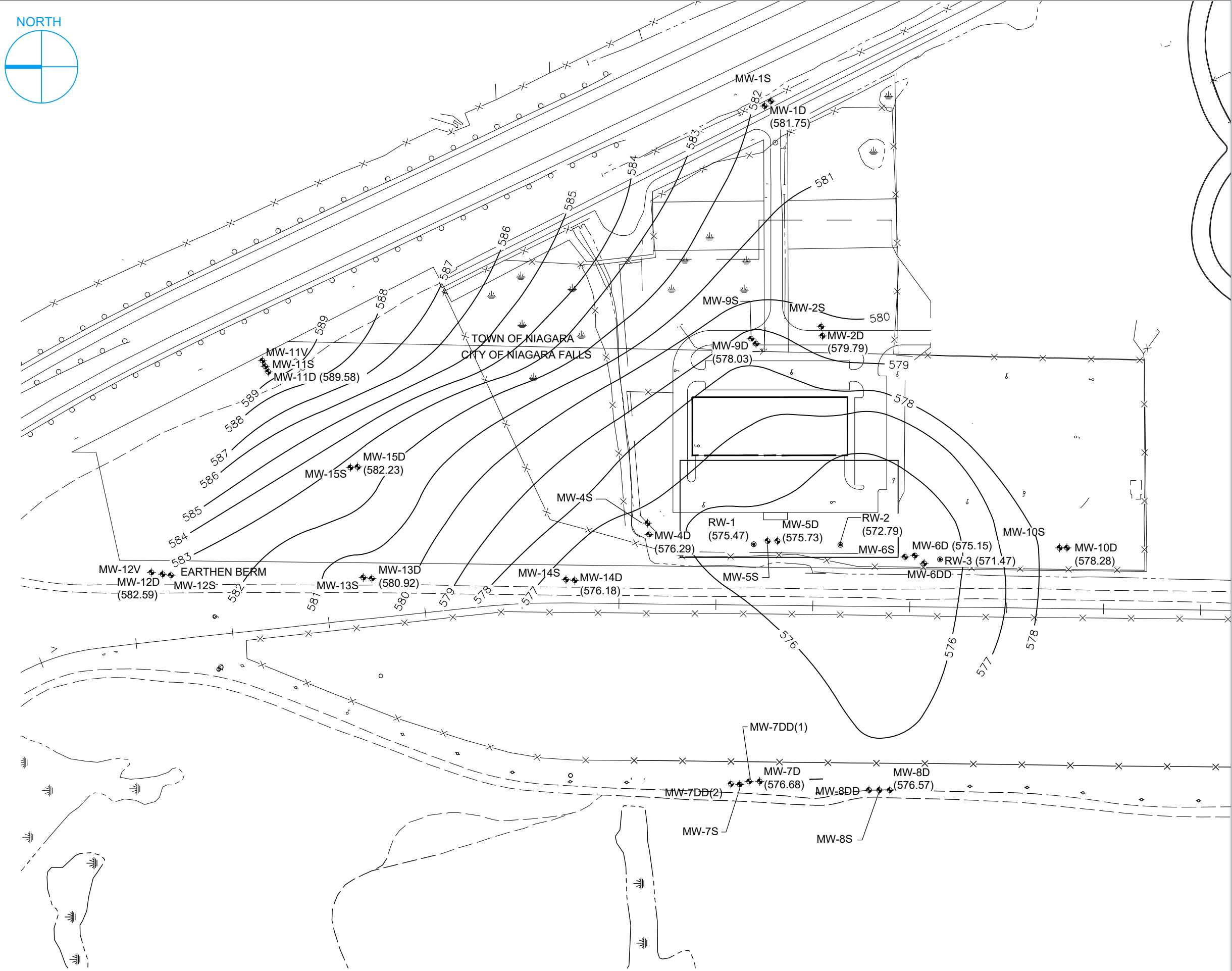
FOREST GLEN SUPERFUND SITE
NIAGARA COUNTY, NEW YORK

FEBRUARY 2024

FIGURE 10

O'BRIEN & GERE ENGINEERS
A RAMBOLL COMPANY





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.



**DEEP BEDROCK
GROUND WATER
ELEVATION CONTOURS
(12/13/2023)**

FOREST GLEN SUPERFUND SITE
NIAGARA COUNTY, NEW YORK

FEBRUARY 2024

FIGURE 11

O'BRIEN & GERE ENGINEERS
A RAMBOLL COMPANY



FIGURE 12



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'

FILE NO. 5540.44667.017
MARCH 2010

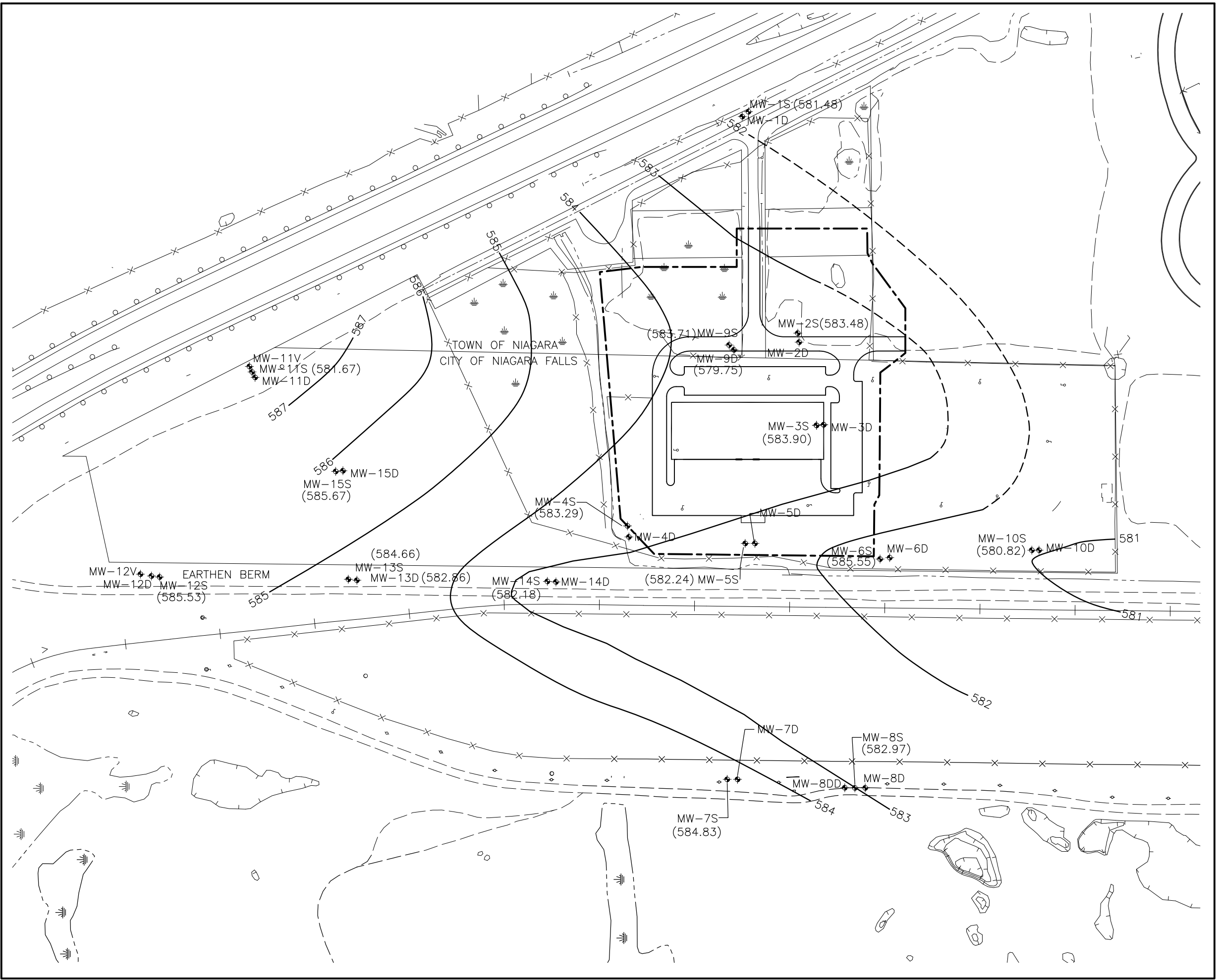


FIGURE 13



LEGEND

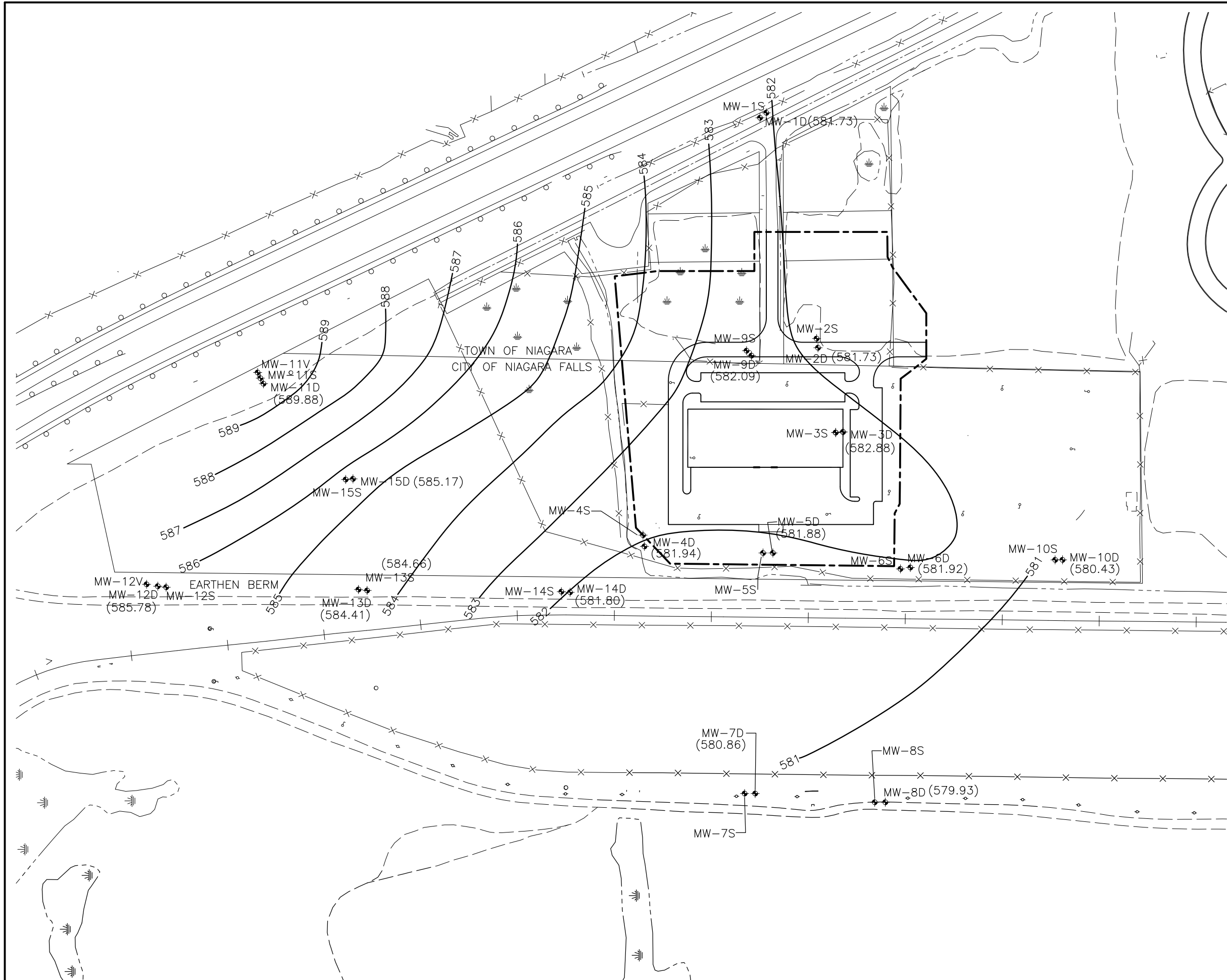
- SWAMP/WETLANDS
- FENCE LINE
- RAILROAD TRACKS
- EXISTING MONITORING WELL LOCATION
- ENGINEERED CAP LIMITS
- 581 GROUND WATER ELEVATION CONTOURS (DASHED WHERE INFERRED)
- (580.43) GROUND WATER ELEVATIONS (FEET MEAN SEA LEVEL)

FOREST GLEN
SUPERFUND SITE
NIAGARA COUNTY, NEW YORK

BASELINE
DEEP BEDROCK
GROUNDWATER
ELEVATION CONTOURS
(2/14/00)

1"=200'

FILE NO. 5540.44667.018
MARCH 2010



APPENDICES

APPENDIX A

EFFLUENT MONITORING REPORTS

Mr. Joel Paradise
Niagara Falls Water Board
5815 Buffalo Avenue
Niagara Falls, New York 14304

Significant Industrial User (SIU) Permit No. 61 for Forest Glen Site – Quarterly Monitoring Report (Period ending February 28, 2023)

February 16, 2023

Dear Mr. Paradise:

This quarterly monitoring report for the period between December 1, 2022 and February 28, 2023 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, 2023, the four grab samples were collected between December 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 December 22, 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,

A handwritten signature in black ink that reads "James Cavotta".

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, 2023

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	-	1 st Quarter by February 28 th
	-	2 nd Quarter by May 31 st
	-	3 rd Quarter by August 31 st
	-	4 th Quarter by November 30 th
Semi-Annual	-	by February 28 th
		and
	-	by August 31 st

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

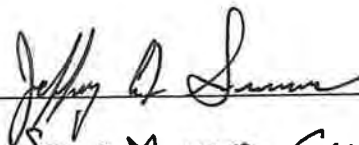
PART II of the report is the Compliance Monitoring section. The user is obligated to determine if the analysis results indicates compliance. All violations noted should be brought to the Niagara Falls Water Board – Wastewater Facilities attention immediately upon noting and should also be reported in 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:

FEBRUARY 10, 2023

PART I

ANALYTICAL RESULTS

The Goodyear Tire & Rubber Company

SIU PERMIT NAME: _____

61

SIU PERMIT NO.: _____

Forest Glen Site

SAMPLE LOCATION: _____

	RESULTS		RESULTS		ANNUAL AVERAGE ug/l	ANNUAL AVERAGE lbs/day
	RW-1	RW-2	RW-3	Combined		
	ug/l	/ ug/l	ug/l	/ lbs/day		
DATE SAMPLED. → 12/22/22						
24-HOUR FLOW IN MGD *						0.041184
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	9.9	13.0	19.0	0.0044	16.615	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	5.0 U	0.97 J	5.0 U	0.0002	0.415	0.0001
1,1,2 – TRICHLOROETHANE						
TRICHLOROETHYLENE	5.0 U	3.8 J	5.0 U	0.0006	1.311	0.0002
METHYLENE CHLORIDE						
MONOCHLOROTOLUENES						
MONOCHLOROBENZOTRIFLUOROIDE						
VINYL CHLORIDE	5.0 U	5.0 U	5.0 U	0	3.487	0.0015
TETRAHYDRAFURAN						
XYLENE						

PART I

ANALYTICAL RESULTS

The Goodyear Tire & Rubber Company

SIU PERMIT NAME:

SIU PERMIT NO.: 61

SIU PERMIT NO.:

Forest Glen Site

SAMPLE LOCATION:

	RESULTS		RESULTS		ANNUAL AVERAGE ug/l	ANNUAL AVERAGE lbs/day
	RW-1	RW-2	RW-3	Combined		
	ug/l	/ ug/l	ug/l	/ lbs/day		
DATE SAMPLED: → 12/22/22						
24-HOUR FLOW IN MGD						0.041184
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

The Goodyear Tire & Rubber Company

SIU PERMIT NAME:

61

SIU PERMIT NO.:

Forest Glen Site

SAMPLE LOCATION:

[illegible]

PART I

ANALYTICAL RESULTS

The Goodyear Tire & Rubber Company

SIU PERMIT NAME: _____

61

SIU PERMIT NO.: _____

Forest Glen Site

SAMPLE LOCATION: _____

	RESULTS		RESULTS		ANNUAL AVERAGE ug/l	ANNUAL AVERAGE lbs/day
	RW-1 ug/l	RW-2 / ug/l	RW-3 ug/l	Combined / lbs/day		
DATE SAMPLED: → 12/22/22						
24-HOUR FLOW IN MGD *						0.041184
1,2,4 – TRICHLOROBENZENE						
1,2 – DICHLOROETHANE						
1,1,1 – TRICHLOROETHANE	5.0 U	0.97 J	5.0 U	0.0002	0.415	0.0001
HEXACHLOROETHANE						
1,1 – DICHLOROETHANE	5.0 U	1.4 J	5.0 U	0.0002	0.906	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

The Goodyear Tire & Rubber Company

SIU PERMIT NAME:

61

SIU PERMIT NO.:

Forest Glen Site

SAMPLE LOCATION:

	RESULTS		RESULTS		ANNUAL AVERAGE ug/l	ANNUAL AVERAGE lbs/day
	RW-1	RW-2	RW-3	Combined		
	ug/l	/ ug/l	ug/l	/ lbs/day		
DATE SAMPLED: → 12/22/22						
24-HOUR FLOW IN MGD *						0.041184
1,2 - DICHLOROPROPANE						
VINYL CHLORIDE	5.0 U	5.0 U	5.0 U	0	3.487	0.0015
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	3.8 J	5.0 U	0.0006	1.311	0.0002
TOTAL CYANIDE						
TOTAL LEAD						
TOTAL ZINC						

PART I

ANALYTICAL RESULTS

The Goodyear Tire & Rubber Company

SIU PERMIT NAME:

61

SIU PERMIT NO.:

Forest Glen Site

SAMPLE LOCATION:

	RESULTS		RESULTS		ANNUAL AVERAGE ug/l	ANNUAL AVERAGE lbs/day
	RW-1	RW-2	RW-3	Combined		
	ug/l	/ ug/l	ug/l	/ lbs/day		
DATE SAMPLED: → 12/22/22						
24-HOUR FLOW IN MGD						0.041184
TOTAL SUSPENDED SOLIDS						
SOLUBLE 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

[illegible]

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 15,696 gallons				RW-2 volume 18,576 gallons				RW-3 volume 6,912 gallons		Total volume 41,184 gallons			
Analyte	12/22/2022	Contribution to		12/22/2022	Contribution to loading		12/22/2022	Contribution to loading		Total loading to POTW					
1,1,1-trichloroethane	5 U	0	lbs/day	0.97 J	0.0002	lbs/day	5 U	0	lbs/day	0.0002	lbs/day			0.4375	ug/l
1,1-dichloroethane	5 U	0	lbs/day	1.4 J	0.0002	lbs/day	5 U	0	lbs/day	0.0002	lbs/day			0.6315	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	9.9	0.0013	lbs/day	13.0	0.0020	lbs/day	19	0.0011	lbs/day	0.0044	lbs/day			12.8255	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	3.8 J	0.00059	lbs/day	5U	0	lbs/day	0.0006	lbs/day			1.7140	ug/l
vinyl chloride	5 U	0	lbs/day	5 U	0	lbs/day	5U	0	lbs/day	0	lbs/day			0	ug/l

- Notes
- 1. Concentrations reported in units of ug/l
 - 2. U - undetected, with detection limit identified
 - 3. J - estimated value

	3/22/2022	6/22/2022	9/27/2022	12/22/2022	Average
Analyte	ug/l	ug/l	ug/l	ug/l	ug/l
1,1,1-trichloroethane	0.4494	0.5543	0.2189	0.4375	0.415
1,1-dichloroethane	1.1739	1.1457	0.6734	0.6315	0.906
1,1-dichloroethylene	0	0	0	0	0
cis-1,2-dichloroethylene	18.5012	23.7145	11.4192	12.8255	16.615
tetrachloroethylene	0	0	0	0	0
trans-1,2-dichloroethylene	0	0	0	0	0
trichloroethylene	3.1455	0.3864	0	1.7140	1.311
vinyl chloride	2.7179	6.9029	4.3279	0	3.487

Analyte	lb/day	lb/day	lb/day	lb/day	lbs/day
1,1,1-trichloroethane	0.00013	0.00020	0.0001	0.0001	0.0001
1,1-dichloroethane	0.0003	0.0004	0.0002	0.0002	0.0003
1,1-dichloroethylene	0	0	0	0	0
cis-1,2-dichloroethylene	0.0052	0.0075	0.0037	0.0037	0.0050
tetrachloroethylene	0	0	0	0	0
trans-1,2-dichloroethylene	0	0	0	0	0
trichloroethylene	0.00089	0.00010	0	0	0.0002
vinyl chloride	0.0008	0.0022	0.0014	0.0014	0.0015

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

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JOB DESCRIPTION

Forest Glen Monitoring

JOB NUMBER

480-205022-1

Eurofins Buffalo

Job Notes

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Authorization



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Definitions/Glossary

Client: O'Brien & Gere Inc of North America
Project/Site: Forest Glen Monitoring

Job ID: 480-205022-1

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Glossary

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

Job ID: 480-205022-1

Job ID: 480-205022-1

Laboratory: Eurofins Buffalo

Narrative

Job Narrative 480-205022-1

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 3.2° C.

GC/MS VOA

Method 624.1: The following Volatile samples were composited by the laboratory on 12/29/22 as requested by the client: TRIP BLANK (480-205022-13), RW-1 COMP (480-205022-14), RW-2 COMP (480-205022-15) and RW-3 COMP (480-205022-16). 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 Monitoring

Job ID: 480-205022-1

Client Sample ID: TRIP BLANK

Lab Sample ID: 480-205022-13

No Detections.

Client Sample ID: RW-1 COMP

Lab Sample ID: 480-205022-14

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethylene	9.9		5.0	0.57	ug/L	1		624.1	Total/NA

Client Sample ID: RW-2 COMP

Lab Sample ID: 480-205022-15

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1,1-Trichloroethane	0.97	J	5.0	0.39	ug/L	1		624.1	Total/NA
1,1-Dichloroethane	1.4	J	5.0	0.59	ug/L	1		624.1	Total/NA
cis-1,2-Dichloroethylene	13		5.0	0.57	ug/L	1		624.1	Total/NA
Trichloroethylene	3.8	J	5.0	0.60	ug/L	1		624.1	Total/NA

Client Sample ID: RW-3 COMP

Lab Sample ID: 480-205022-16

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethylene	19		5.0	0.57	ug/L	1		624.1	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins Buffalo

Client Sample Results

Client: O'Brien & Gere Inc of North America
Project/Site: Forest Glen Monitoring

Job ID: 480-205022-1

Client Sample ID: TRIP BLANK

Lab Sample ID: 480-205022-13

Date Collected: 12/22/22 00:00

Matrix: Water

Date Received: 12/22/22 13:05

Method: 40CFR136A 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			12/29/22 17:40	1
1,1-Dichloroethane	ND		5.0	0.59	ug/L			12/29/22 17:40	1
1,1-Dichloroethylene	ND		5.0	0.85	ug/L			12/29/22 17:40	1
cis-1,2-Dichloroethylene	ND		5.0	0.57	ug/L			12/29/22 17:40	1
Tetrachloroethylene	ND		5.0	0.34	ug/L			12/29/22 17:40	1
trans-1,2-Dichloroethylene	ND		5.0	0.59	ug/L			12/29/22 17:40	1
Trichloroethylene	ND		5.0	0.60	ug/L			12/29/22 17:40	1
Vinyl chloride	ND		5.0	0.75	ug/L			12/29/22 17:40	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	104		68 - 130		12/29/22 17:40	1
4-Bromofluorobenzene (Surr)	96		76 - 123		12/29/22 17:40	1
Dibromofluoromethane (Surr)	103		75 - 123		12/29/22 17:40	1
Toluene-d8 (Surr)	97		77 - 120		12/29/22 17:40	1

Client Sample Results

Client: O'Brien & Gere Inc of North America
Project/Site: Forest Glen Monitoring

Job ID: 480-205022-1

Client Sample ID: RW-1 COMP

Lab Sample ID: 480-205022-14

Date Collected: 12/22/22 00:00

Matrix: Water

Date Received: 12/22/22 13:05

Method: 40CFR136A 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			12/29/22 18:04	1
1,1-Dichloroethane	ND		5.0	0.59	ug/L			12/29/22 18:04	1
1,1-Dichloroethylene	ND		5.0	0.85	ug/L			12/29/22 18:04	1
cis-1,2-Dichloroethylene	9.9		5.0	0.57	ug/L			12/29/22 18:04	1
Tetrachloroethylene	ND		5.0	0.34	ug/L			12/29/22 18:04	1
trans-1-2-Dichloroethylene	ND		5.0	0.59	ug/L			12/29/22 18:04	1
Trichloroethylene	ND		5.0	0.60	ug/L			12/29/22 18:04	1
Vinyl chloride	ND		5.0	0.75	ug/L			12/29/22 18:04	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	105		68 - 130					12/29/22 18:04	1
4-Bromofluorobenzene (Surr)	98		76 - 123					12/29/22 18:04	1
Dibromofluoromethane (Surr)	107		75 - 123					12/29/22 18:04	1
Toluene-d8 (Surr)	97		77 - 120					12/29/22 18:04	1

Client Sample Results

Client: O'Brien & Gere Inc of North America
Project/Site: Forest Glen Monitoring

Job ID: 480-205022-1

Client Sample ID: RW-2 COMP

Lab Sample ID: 480-205022-15

Date Collected: 12/22/22 00:00

Matrix: Water

Date Received: 12/22/22 13:05

Method: 40CFR136A 624.1 - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.97	J	5.0	0.39	ug/L			12/29/22 18:28	1
1,1-Dichloroethane	1.4	J	5.0	0.59	ug/L			12/29/22 18:28	1
1,1-Dichloroethylene	ND		5.0	0.85	ug/L			12/29/22 18:28	1
cis-1,2-Dichloroethylene	13		5.0	0.57	ug/L			12/29/22 18:28	1
Tetrachloroethylene	ND		5.0	0.34	ug/L			12/29/22 18:28	1
trans-1-2-Dichloroethylene	ND		5.0	0.59	ug/L			12/29/22 18:28	1
Trichloroethylene	3.8	J	5.0	0.60	ug/L			12/29/22 18:28	1
Vinyl chloride	ND		5.0	0.75	ug/L			12/29/22 18:28	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	104		68 - 130					12/29/22 18:28	1
4-Bromofluorobenzene (Surr)	97		76 - 123					12/29/22 18:28	1
Dibromofluoromethane (Surr)	106		75 - 123					12/29/22 18:28	1
Toluene-d8 (Surr)	98		77 - 120					12/29/22 18:28	1

Client Sample Results

Client: O'Brien & Gere Inc of North America
Project/Site: Forest Glen Monitoring

Job ID: 480-205022-1

Client Sample ID: RW-3 COMP

Lab Sample ID: 480-205022-16

Date Collected: 12/22/22 00:00

Matrix: Water

Date Received: 12/22/22 13:05

Method: 40CFR136A 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			12/29/22 18:52	1
1,1-Dichloroethane	ND		5.0	0.59	ug/L			12/29/22 18:52	1
1,1-Dichloroethylene	ND		5.0	0.85	ug/L			12/29/22 18:52	1
cis-1,2-Dichloroethylene	19		5.0	0.57	ug/L			12/29/22 18:52	1
Tetrachloroethylene	ND		5.0	0.34	ug/L			12/29/22 18:52	1
trans-1-2-Dichloroethylene	ND		5.0	0.59	ug/L			12/29/22 18:52	1
Trichloroethylene	ND		5.0	0.60	ug/L			12/29/22 18:52	1
Vinyl chloride	ND		5.0	0.75	ug/L			12/29/22 18:52	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	105		68 - 130					12/29/22 18:52	1
4-Bromofluorobenzene (Surr)	99		76 - 123					12/29/22 18:52	1
Dibromofluoromethane (Surr)	106		75 - 123					12/29/22 18:52	1
Toluene-d8 (Surr)	95		77 - 120					12/29/22 18:52	1

Surrogate Summary

Client: O'Brien & Gere Inc of North America
Project/Site: Forest Glen Monitoring

Job ID: 480-205022-1

Method: 624.1 - Volatile Organic Compounds (GC/MS)

Matrix: Water

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)			
Lab Sample ID	Client Sample ID	DCA (68-130)	BFB (76-123)	DBFM (75-123)	TOL (77-120)
480-205022-13	TRIP BLANK	104	96	103	97
480-205022-14	RW-1 COMP	105	98	107	97
480-205022-15	RW-2 COMP	104	97	106	98
480-205022-16	RW-3 COMP	105	99	106	95
LCS 480-654706/6	Lab Control Sample	101	97	105	97
MB 480-654706/8	Method Blank	101	99	106	90

Surrogate Legend

DCA = 1,2-Dichloroethane-d4 (Surr)

BFB = 4-Bromofluorobenzene (Surr)

DBFM = Dibromofluoromethane (Surr)

TOL = Toluene-d8 (Surr)

QC Sample Results

Client: O'Brien & Gere Inc of North America
Project/Site: Forest Glen Monitoring

Job ID: 480-205022-1

Method: 624.1 - Volatile Organic Compounds (GC/MS)

Lab Sample ID: MB 480-654706/8

Matrix: Water

Analysis Batch: 654706

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			12/29/22 16:13	1
1,1-Dichloroethane	ND		5.0	0.59	ug/L			12/29/22 16:13	1
1,1-Dichloroethylene	ND		5.0	0.85	ug/L			12/29/22 16:13	1
cis-1,2-Dichloroethylene	ND		5.0	0.57	ug/L			12/29/22 16:13	1
Tetrachloroethylene	ND		5.0	0.34	ug/L			12/29/22 16:13	1
trans-1-2-Dichloroethylene	ND		5.0	0.59	ug/L			12/29/22 16:13	1
Trichloroethylene	ND		5.0	0.60	ug/L			12/29/22 16:13	1
Vinyl chloride	ND		5.0	0.75	ug/L			12/29/22 16:13	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	101		68 - 130		12/29/22 16:13	1
4-Bromofluorobenzene (Surr)	99		76 - 123		12/29/22 16:13	1
Dibromofluoromethane (Surr)	106		75 - 123		12/29/22 16:13	1
Toluene-d8 (Surr)	90		77 - 120		12/29/22 16:13	1

Lab Sample ID: LCS 480-654706/6

Matrix: Water

Analysis Batch: 654706

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	21.7		ug/L		108	52 - 162
1,1-Dichloroethane	20.0	21.3		ug/L		106	59 - 155
1,1-Dichloroethylene	20.0	21.6		ug/L		108	1 - 234
Tetrachloroethylene	20.0	21.2		ug/L		106	64 - 148
trans-1-2-Dichloroethylene	20.0	22.5		ug/L		113	54 - 156
Trichloroethylene	20.0	21.9		ug/L		109	71 - 157
Vinyl chloride	20.0	25.1		ug/L		125	1 - 251

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	101		68 - 130
4-Bromofluorobenzene (Surr)	97		76 - 123
Dibromofluoromethane (Surr)	105		75 - 123
Toluene-d8 (Surr)	97		77 - 120

QC Association Summary

Client: O'Brien & Gere Inc of North America
Project/Site: Forest Glen Monitoring

Job ID: 480-205022-1

GC/MS VOA

Analysis Batch: 654706

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-205022-13	TRIP BLANK	Total/NA	Water	624.1	
480-205022-14	RW-1 COMP	Total/NA	Water	624.1	
480-205022-15	RW-2 COMP	Total/NA	Water	624.1	
480-205022-16	RW-3 COMP	Total/NA	Water	624.1	
MB 480-654706/8	Method Blank	Total/NA	Water	624.1	
LCS 480-654706/6	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: 480-205022-1

Client Sample ID: TRIP BLANK

Date Collected: 12/22/22 00:00

Date Received: 12/22/22 13:05

Lab Sample ID: 480-205022-13

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	624.1		1	654706	ATG	EET BUF	12/29/22 17:40

Client Sample ID: RW-1 COMP

Date Collected: 12/22/22 00:00

Date Received: 12/22/22 13:05

Lab Sample ID: 480-205022-14

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	624.1		1	654706	ATG	EET BUF	12/29/22 18:04

Client Sample ID: RW-2 COMP

Date Collected: 12/22/22 00:00

Date Received: 12/22/22 13:05

Lab Sample ID: 480-205022-15

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	624.1		1	654706	ATG	EET BUF	12/29/22 18:28

Client Sample ID: RW-3 COMP

Date Collected: 12/22/22 00:00

Date Received: 12/22/22 13:05

Lab Sample ID: 480-205022-16

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	624.1		1	654706	ATG	EET BUF	12/29/22 18:52

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: 480-205022-1

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

1

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Method Summary

Client: O'Brien & Gere Inc of North America
Project/Site: Forest Glen Monitoring

Job ID: 480-205022-1

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 Monitoring

Job ID: 480-205022-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
480-205022-13	TRIP BLANK	Water	12/22/22 00:00	12/22/22 13:05
480-205022-14	RW-1 COMP	Water	12/22/22 00:00	12/22/22 13:05
480-205022-15	RW-2 COMP	Water	12/22/22 00:00	12/22/22 13:05
480-205022-16	RW-3 COMP	Water	12/22/22 00:00	12/22/22 13:05

Eurofins Buffalo

10 Hazelwood Drive
Amherst, NY 14228-2298
Phone (716) 691-2600 Phone (716) 691-7991

Chain of Custody Record



Environment Testing

Client Information		Lab PM Schove, John R		Carrier Tracking No(s)		COC No 480-180239-26531.1	
Client Contact Mr. Yuri Veliz		Phone 585-747-7650		State of Origin		Page Page 1 of 2	
Company Ramboll US Corporation		PWSID		Job #			
Address 94 New Karner Rd Suite 106		Due Date Requested:		Analysis Requested		Preservation Codes: A - HCL M - Hexane	
City Albany		TAT Requested (days):					
State, Zip NY, 12203		Compliance Project: ☐ Yes ☐ 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 (G=grab)	Matrix (W=water, S=solid, O=other)	Field Filtered Sample (Yes or No)	
RW1122122	12/21/22	1030	G	Water		Perform MS/MSD (Yes or No)	
RW2122122	12/21/22	1030	G	Water		88000 - TCL Vials (Yes or No)	
RW3122122	12/21/22	1030	G	Water			
RW1122122	12/21/22	1030	G	Water			
RW2122122	12/21/22	1030	G	Water			
RW3122122	12/21/22	1030	G	Water			
RW1122222	12/22/22	0720	G	Water			
RW2122222	12/22/22	0720	G	Water			
RW3122222	12/22/22	0720	G	Water			
RW1122322	12/22/22	1030	G	Water			
RW2122322	12/22/22	1030	G	Water			

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological
 Deliverable Requested: I, II, III, IV, Other (specify)

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

Special Instructions/QC Requirements:

Empty Kit Relinquished by: Date: _____ Time: _____

Relinquished by: *Yuri Veliz* Date: 12/22/22 1305 Company: _____

Relinquished by: Date: _____ Time: _____ Company: _____

Relinquished by: Date: _____ Time: _____ Company: _____

Custody Seal No: 2117068 **Custody Seals Intact:** ☐ Yes ☐ No **Cooler Temperature(s) °C and Other Remarks:** 3.2 #1 103

Ver: 01/16/2019

Login Sample Receipt Checklist

Client: O'Brien & Gere Inc of North America

Job Number: 480-205022-1

Login Number: 205022

List Number: 1

Creator: Wallace, Cameron

List Source: Eurofins Buffalo

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

Mr. Joel Paradise
Niagara Falls Water Board
5815 Buffalo Avenue
Niagara Falls, New York 14304

Significant Industrial User (SIU) Permit No. 61 for Forest Glen Site – Quarterly Monitoring Report (Period ending May 31, 2023)

May 22, 2023

Dear Mr. Paradise:

This quarterly monitoring report for the period between March 1, 2023 and May 31, 2023 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, 2023, the four grab samples were collected between March 27 and 28, 2023. 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

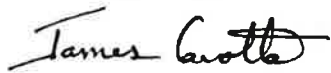
using USEPA method 624. The results of the analyses are summarized in the attached Self-Monitoring Report, which presents the concentration for each well based on the composite samples. The Eurofins laboratory report is also attached.

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 March 27, 2023 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, 2023

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	-	1 st Quarter by February 28 th
	-	2 nd Quarter by May 31 st
	-	3 rd Quarter by August 31 st
	-	4 th Quarter by November 30 th
Semi-Annual	-	by February 28 th
		and
	-	by August 31 st

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.

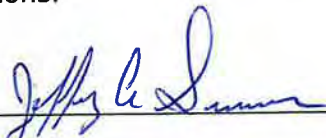
Pursuant to 40 CFR Part 403.12g all Periodic Self-Monitoring Reports must be signed by a "responsible company official" certifying the following statement:

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: _____

Date: _____



SENIOR MANAGER, GLOBAL REMEDIATION

MAY 17, 2023

PART I

ANALYTICAL RESULTS

The Goodyear Tire & Rubber Company

SIU PERMIT NAME: _____

61

SIU PERMIT NO.: _____

Forest Glen Site

SAMPLE LOCATION: _____

	RESULTS		RESULTS		ANNUAL AVERAGE ug/l	ANNUAL AVERAGE lbs/day
	RW-1 ug/l	RW-2 ug/l	RW-3 ug/l	Combined lbs/day		
DATE SAMPLED: → 3/28/23						
24-HOUR FLOW IN MGD *						0.031584
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	22 J	57	16	0.0095	21.022	0.0061
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	5.0 U	5.0 U	0	0.303	0.0001
1,1,2 – TRICHLOROETHANE						
TRICHLOROETHYLENE	0.64 J	7.8	5.0 U	0.0010	1.441	0.0003
METHYLENE CHLORIDE						
MONOCHLOROTOLUENES						
MONOCHLOROBENZOTRIFLUORIDE						
VINYL CHLORIDE	5.0 U	5.0 U	5.0 U	0	2.808	0.0013
TETRAHYDRAFURAN						
XYLENE						

PART I

ANALYTICAL RESULTS

The Goodyear Tire & Rubber Company

SIU PERMIT NAME:

61

SIU PERMIT NO.:

Forest Glen Site

SAMPLE LOCATION:

	RESULTS		RESULTS		ANNUAL AVERAGE ug/l	ANNUAL AVERAGE lbs/day
	RW-1	RW-2	RW-3	Combined		
	ug/l	/ ug/l	ug/l	/ lbs/day		
DATE SAMPLED: → 3/28/23						
24-HOUR FLOW IN MGD						0.031584
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

The Goodyear Tire & Rubber Company

SIU PERMIT NAME:

61

SIU PERMIT NO.:

Forest Glen Site

SAMPLE LOCATION:

	RESULTS		RESULTS		ANNUAL AVERAGE ug/ℓ	ANNUAL AVERAGE lbs/day
	RW-1	RW-2	RW-3	Combined		
	ug/ℓ	/ ug/ℓ	ug/ℓ	/ lbs/day		
DATE SAMPLED: → 3/28/23						
24-HOUR FLOW IN MGD *						0.031584
1,2,4 – TRICHLOROBENZENE						
1,2 – DICHLOROETHANE						
1,1,1 – TRICHLOROETHANE	5.0 U	5.0 U	5.0 U	0	0.303	0.0001
HEXACHLOROETHANE						
1,1 – DICHLOROETHANE	1.4 J	2.1 J	5.0 U	0.0004	0.962	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

The Goodyear Tire & Rubber Company

SIU PERMIT NAME: _____

61

SIU PERMIT NO.: _____

Forest Glen Site

SAMPLE LOCATION: _____

	RESULTS		RESULTS		ANNUAL AVERAGE ug/l	ANNUAL AVERAGE lbs/day
	RW-1	RW-2	RW-3	Combined		
	ug/l	/ ug/l	ug/l	/ lbs/day		
DATE SAMPLED: → 3/28/23						
24-HOUR FLOW IN MGD *						0.031584
1,2 - DICHLOROPROPANE						
VINYL CHLORIDE	5.0 U	5.0 U	5.0 U	0	2.808	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	0.64 J	7.8	5.0 U	0.0010	1.441	0.0003
TOTAL CYANIDE						
TOTAL LEAD						
TOTAL ZINC						

PART I

ANALYTICAL RESULTS

The Goodyear Tire & Rubber Company

SIU PERMIT NAME:

61

SIU PERMIT NO.:

Forest Glen Site

SAMPLE LOCATION:

	RESULTS		RESULTS		ANNUAL AVERAGE ug/l	ANNUAL AVERAGE lbs/day
	RW-1	RW-2	RW-3	Combined		
	ug/l	/ ug/l	ug/l	/ lbs/day		
DATE SAMPLED: → 3/28/23						
24-HOUR FLOW IN MGD						0.031584
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						

QUARTERLY SELF-MONITORING SUMMARY
GROUNDWATER RECOVERY SYSTEM EFFLUENT

FOREST GLEN SUPERFUND SITE
NIAGARA FALLS, NEW YORK

Analyte	RW-1 volume 10,575 gallons		RW-2 volume 13,959 gallons		RW-3 volume 7,050 gallons		Total volume 31,584 gallons	
	3/28/2023	Contribution to lbs/day	3/28/2023	Contribution to loading lbs/day	3/28/2023	Contribution to loading lbs/day	Total loading to POTW lbs/day	
1,1,1-trichloroethane	5 U	0	5 U	0	5 U	0	0	0 ug/l
1,1-dichloroethane	1.4 J	0.0001	2.1 J	0.0002	5 U	0	0.0004	1.3969 ug/l
1,1-dichloroethylene	5 U	0	5 U	0	5 U	0	0	0 ug/l
cis-1,2-dichloroethylene	22 J	0.0019	57.0	0.0066	16	0.0009	0.0095	36.1295 ug/l
tetrachloroethylene	5 U	0	5 U	0	5 U	0	0	0 ug/l
trans-1,2-dichloroethylene	5 U	0	5 U	0	5 U	0	0	0 ug/l
trichloroethylene	0.64 J	0.0001	7.8	0.00091	5 U	0	0.0010	3.6616 ug/l
vinyl chloride	5 U	0	5 U	0	5 U	0	0	0 ug/l

Notes

1. Concentrations reported in units of ug/l
2. U - undetected, with detection limit identified
3. J - estimated value

Analyte	6/22/2022	9/27/2022	12/22/2022	3/28/2023	Average
	ug/l	ug/l	ug/l	ug/l	ug/l
1,1,1-trichloroethane	0.5543	0.2189	0.4375	0	0.303
1,1-dichloroethane	1.1457	0.6734	0.6315	1.3969	0.962
1,1-dichloroethylene	0	0	0	0	0
cis-1,2-dichloroethylene	23.7145	11.4192	12.8255	36.1295	21.022
tetrachloroethylene	0	0	0	0	0
trans-1,2-dichloroethylene	0	0	0	0	0
trichloroethylene	0.3864	0	1.7140	3.6616	1.441
vinyl chloride	6.9029	4.3279	0	0	2.808

Analyte	lb/day	lb/day	lb/day	lb/day	lbs/day
1,1,1-trichloroethane	0.00020	0.0001	0.0001	0	0.0001
1,1-dichloroethane	0.0004	0.0002	0.0002	0.0004	0.0003
1,1-dichloroethylene	0	0	0	0	0
cis-1,2-dichloroethylene	0.0075	0.0037	0.0037	0.0095	0.0061
tetrachloroethylene	0	0	0	0	0
trans-1,2-dichloroethylene	0	0	0	0	0
trichloroethylene	0.00010	0	0	0.0010	0.0003
vinyl chloride	0.0022	0.0014	0.0014	0	0.0013

ANALYTICAL REPORT

PREPARED FOR

Attn: David Carnevale
Ramboll US Corporation
333 West Washington Street
Syracuse, New York 13202

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JOB DESCRIPTION

Forest Glen Monitoring

JOB NUMBER

480-207314-1

Eurofins Buffalo

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



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3/31/2023 11:19:01 AM

Authorized for release by
Rebecca Jones, Project Management Assistant I
Rebecca.Jones@et.eurofinsus.com
Designee for
John Schove, Project Manager II
John.Schove@et.eurofinsus.com
(716)504-9838

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Definitions/Glossary

Client: Ramboll US Corporation
Project/Site: Forest Glen Monitoring

Job ID: 480-207314-1

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Glossary

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

Job ID: 480-207314-1

Job ID: 480-207314-1

Laboratory: Eurofins Buffalo

Narrative

Job Narrative
480-207314-1

Comments

No additional comments.

Receipt

The samples were received on 3/28/2023 5:35 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 4.6° C.

GC/MS VOA

Method 624.1: The following Volatile samples were composited by the laboratory on 3/29 as requested by the client: RW-1 COMPOSITE (480-207314-13), RW-2 COMPOSITE (480-207314-14) and RW-3 COMPOSITE (480-207314-15). 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: Ramboll US Corporation
Project/Site: Forest Glen Monitoring

Job ID: 480-207314-1

Client Sample ID: RW-1 COMPOSITE

Lab Sample ID: 480-207314-13

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	1.4	J	5.0	0.59	ug/L	1		624.1	Total/NA
cis-1,2-Dichloroethylene	2.2	J	5.0	0.57	ug/L	1		624.1	Total/NA
Trichloroethylene	0.64	J	5.0	0.60	ug/L	1		624.1	Total/NA

Client Sample ID: RW-2 COMPOSITE

Lab Sample ID: 480-207314-14

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	2.1	J	5.0	0.59	ug/L	1		624.1	Total/NA
cis-1,2-Dichloroethylene	57		5.0	0.57	ug/L	1		624.1	Total/NA
Trichloroethylene	7.8		5.0	0.60	ug/L	1		624.1	Total/NA

Client Sample ID: RW-3 COMPOSITE

Lab Sample ID: 480-207314-15

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethylene	16		5.0	0.57	ug/L	1		624.1	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins Buffalo

Client Sample Results

Client: Ramboll US Corporation
Project/Site: Forest Glen Monitoring

Job ID: 480-207314-1

Client Sample ID: RW-1 COMPOSITE

Lab Sample ID: 480-207314-13

Date Collected: 03/28/23 09:50

Matrix: Water

Date Received: 03/28/23 17:35

Method: EPA 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			03/29/23 15:51	1
1,1-Dichloroethane	1.4	J	5.0	0.59	ug/L			03/29/23 15:51	1
1,1-Dichloroethylene	ND		5.0	0.85	ug/L			03/29/23 15:51	1
cis-1,2-Dichloroethylene	2.2	J	5.0	0.57	ug/L			03/29/23 15:51	1
Tetrachloroethylene	ND		5.0	0.34	ug/L			03/29/23 15:51	1
trans-1-2-Dichloroethylene	ND		5.0	0.59	ug/L			03/29/23 15:51	1
Trichloroethylene	0.64	J	5.0	0.60	ug/L			03/29/23 15:51	1
Vinyl chloride	ND		5.0	0.75	ug/L			03/29/23 15:51	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	113		68 - 130		03/29/23 15:51	1
4-Bromofluorobenzene (Surr)	98		76 - 123		03/29/23 15:51	1
Dibromofluoromethane (Surr)	107		75 - 123		03/29/23 15:51	1
Toluene-d8 (Surr)	98		77 - 120		03/29/23 15:51	1

Eurofins Buffalo

Client Sample Results

Client: Ramboll US Corporation
Project/Site: Forest Glen Monitoring

Job ID: 480-207314-1

Client Sample ID: RW-2 COMPOSITE

Lab Sample ID: 480-207314-14

Date Collected: 03/28/23 09:50

Matrix: Water

Date Received: 03/28/23 17:35

Method: EPA 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			03/29/23 16:15	1
1,1-Dichloroethane	2.1	J	5.0	0.59	ug/L			03/29/23 16:15	1
1,1-Dichloroethylene	ND		5.0	0.85	ug/L			03/29/23 16:15	1
cis-1,2-Dichloroethylene	57		5.0	0.57	ug/L			03/29/23 16:15	1
Tetrachloroethylene	ND		5.0	0.34	ug/L			03/29/23 16:15	1
trans-1-2-Dichloroethylene	ND		5.0	0.59	ug/L			03/29/23 16:15	1
Trichloroethylene	7.8		5.0	0.60	ug/L			03/29/23 16:15	1
Vinyl chloride	ND		5.0	0.75	ug/L			03/29/23 16:15	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	116		68 - 130					03/29/23 16:15	1
4-Bromofluorobenzene (Surr)	99		76 - 123					03/29/23 16:15	1
Dibromofluoromethane (Surr)	106		75 - 123					03/29/23 16:15	1
Toluene-d8 (Surr)	100		77 - 120					03/29/23 16:15	1

Client Sample Results

Client: Ramboll US Corporation
Project/Site: Forest Glen Monitoring

Job ID: 480-207314-1

Client Sample ID: RW-3 COMPOSITE

Lab Sample ID: 480-207314-15

Date Collected: 03/28/23 09:50

Matrix: Water

Date Received: 03/28/23 17:35

Method: EPA 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			03/29/23 16:39	1
1,1-Dichloroethane	ND		5.0	0.59	ug/L			03/29/23 16:39	1
1,1-Dichloroethylene	ND		5.0	0.85	ug/L			03/29/23 16:39	1
cis-1,2-Dichloroethylene	16		5.0	0.57	ug/L			03/29/23 16:39	1
Tetrachloroethylene	ND		5.0	0.34	ug/L			03/29/23 16:39	1
trans-1,2-Dichloroethylene	ND		5.0	0.59	ug/L			03/29/23 16:39	1
Trichloroethylene	ND		5.0	0.60	ug/L			03/29/23 16:39	1
Vinyl chloride	ND		5.0	0.75	ug/L			03/29/23 16:39	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	112		68 - 130		03/29/23 16:39	1
4-Bromofluorobenzene (Surr)	99		76 - 123		03/29/23 16:39	1
Dibromofluoromethane (Surr)	105		75 - 123		03/29/23 16:39	1
Toluene-d8 (Surr)	101		77 - 120		03/29/23 16:39	1

Eurofins Buffalo

Surrogate Summary

Client: Ramboll US Corporation
Project/Site: Forest Glen Monitoring

Job ID: 480-207314-1

Method: 624.1 - Volatile Organic Compounds (GC/MS)

Matrix: Water

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)			
		DCA (68-130)	BFB (76-123)	DBFM (75-123)	TOL (77-120)
480-207314-13	RW-1 COMPOSITE	113	98	107	98
480-207314-14	RW-2 COMPOSITE	116	99	106	100
480-207314-15	RW-3 COMPOSITE	112	99	105	101
LCS 480-663148/6	Lab Control Sample	111	99	105	97
MB 480-663148/8	Method Blank	114	97	107	97

Surrogate Legend

DCA = 1,2-Dichloroethane-d4 (Surr)

BFB = 4-Bromofluorobenzene (Surr)

DBFM = Dibromofluoromethane (Surr)

TOL = Toluene-d8 (Surr)

QC Sample Results

Client: Ramboll US Corporation
Project/Site: Forest Glen Monitoring

Job ID: 480-207314-1

Method: 624.1 - Volatile Organic Compounds (GC/MS)

Lab Sample ID: MB 480-663148/8

Matrix: Water

Analysis Batch: 663148

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	Result	MB MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.0	0.39	ug/L			03/29/23 12:51	1
1,1-Dichloroethane	ND		5.0	0.59	ug/L			03/29/23 12:51	1
1,1-Dichloroethylene	ND		5.0	0.85	ug/L			03/29/23 12:51	1
cis-1,2-Dichloroethylene	ND		5.0	0.57	ug/L			03/29/23 12:51	1
Tetrachloroethylene	ND		5.0	0.34	ug/L			03/29/23 12:51	1
trans-1-2-Dichloroethylene	ND		5.0	0.59	ug/L			03/29/23 12:51	1
Trichloroethylene	ND		5.0	0.60	ug/L			03/29/23 12:51	1
Vinyl chloride	ND		5.0	0.75	ug/L			03/29/23 12:51	1

Surrogate	%Recovery	MB MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	114		68 - 130		03/29/23 12:51	1
4-Bromofluorobenzene (Surr)	97		76 - 123		03/29/23 12:51	1
Dibromofluoromethane (Surr)	107		75 - 123		03/29/23 12:51	1
Toluene-d8 (Surr)	97		77 - 120		03/29/23 12:51	1

Lab Sample ID: LCS 480-663148/6

Matrix: Water

Analysis Batch: 663148

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	20.9		ug/L		105	52 - 162
1,1-Dichloroethane	20.0	19.2		ug/L		96	59 - 155
1,1-Dichloroethylene	20.0	19.1		ug/L		95	1 - 234
Tetrachloroethylene	20.0	18.1		ug/L		91	64 - 148
trans-1-2-Dichloroethylene	20.0	19.1		ug/L		96	54 - 156
Trichloroethylene	20.0	20.0		ug/L		100	71 - 157
Vinyl chloride	20.0	20.2		ug/L		101	1 - 251

Surrogate	%Recovery	LCS LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	111		68 - 130
4-Bromofluorobenzene (Surr)	99		76 - 123
Dibromofluoromethane (Surr)	105		75 - 123
Toluene-d8 (Surr)	97		77 - 120

Eurofins Buffalo

QC Association Summary

Client: Ramboll US Corporation
Project/Site: Forest Glen Monitoring

Job ID: 480-207314-1

GC/MS VOA

Analysis Batch: 663148

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-207314-13	RW-1 COMPOSITE	Total/NA	Water	624.1	
480-207314-14	RW-2 COMPOSITE	Total/NA	Water	624.1	
480-207314-15	RW-3 COMPOSITE	Total/NA	Water	624.1	
MB 480-663148/8	Method Blank	Total/NA	Water	624.1	
LCS 480-663148/6	Lab Control Sample	Total/NA	Water	624.1	

Lab Chronicle

Job ID: 480-207314-1

Client: Ramboll US Corporation
Project/Site: Forest Glen Monitoring

Client Sample ID: RW-1 COMPOSITE**Lab Sample ID: 480-207314-13****Date Collected: 03/28/23 09:50****Matrix: Water****Date Received: 03/28/23 17:35**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	624.1		1	663148	ATG	EET BUF	03/29/23 15:51

Client Sample ID: RW-2 COMPOSITE**Lab Sample ID: 480-207314-14****Date Collected: 03/28/23 09:50****Matrix: Water****Date Received: 03/28/23 17:35**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	624.1		1	663148	ATG	EET BUF	03/29/23 16:15

Client Sample ID: RW-3 COMPOSITE**Lab Sample ID: 480-207314-15****Date Collected: 03/28/23 09:50****Matrix: Water****Date Received: 03/28/23 17:35**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	624.1		1	663148	ATG	EET BUF	03/29/23 16:39

Laboratory References:

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

Eurofins Buffalo

Accreditation/Certification Summary

Client: Ramboll US Corporation
Project/Site: Forest Glen Monitoring

Job ID: 480-207314-1

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

Job ID: 480-207314-1

Client: Ramboll US Corporation
Project/Site: Forest Glen Monitoring

Method	Method Description	Protocol	Laboratory
624.1	Volatile Organic Compounds (GC/MS)	EPA	EET BUF

Protocol References:

EPA = US Environmental Protection Agency

Laboratory References:

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

Eurofins Buffalo

Sample Summary

Client: Ramboll US Corporation
Project/Site: Forest Glen Monitoring

Job ID: 480-207314-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
480-207314-13	RW-1 COMPOSITE	Water	03/28/23 09:50	03/28/23 17:35
480-207314-14	RW-2 COMPOSITE	Water	03/28/23 09:50	03/28/23 17:35
480-207314-15	RW-3 COMPOSITE	Water	03/28/23 09:50	03/28/23 17:35

Chain of Custody Record



Environment Testing

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

Client Information		Sample: <u>Martin Kovachuk</u>		Lab PM: <u>Schove, John R</u>	Carrier Tracking No(s):	COC No: <u>480-183468-36856.1</u>
Client Contact: <u>Mr. Yuri Veliz</u>		Phone: <u>315-739-1300</u>		E-Mail: <u>John.Schove@eurofins.com</u>	State of Origin:	Page: <u>Page 1 of 1</u>
Company: <u>Ramboll US Corporation</u>		Address: <u>94 New Karner Rd Suite 106</u>		City: <u>Albany</u>	Job #:	
State, Zip: <u>NY, 12203</u>		Compliance Project: <u>STANDARD</u>		Analysis Requested:		
Phone: <u>315-956-6100(Tel) 315-463-7554(Fax)</u>		PO #:		Preservation Codes:		
Email: <u>Yuri.Veliz@ramboll.com</u>		WG #:		A - HCL B - NaOH C - Zn Acetate D - Nitric Acid E - NaHSO4 F - MeOH G - Amchlor H - Ascorbic Acid I - Ice J - DI Water K - EDTA L - EDA Other:		
Project Name: <u>Forest Glen Monitoring</u>		Project #:		Special Instructions/Note:		
Site:		SSOW#:		Total Number of Containers 624.1 PREC - Site Specific List Field Filtered Sample (Yes or No) Matrix (Weater, Sealed, Overstated) Sample Type (C=Comp, G=grab) Sample Time Sample Date Preservation Code Matrix		
RW-1 032723		3-27-23 10:20		G		Water
RW-2 032723		3-27-23 10:20		G		Water
RW-3 032723		3-27-23 10:20		G		Water
RW-1 032723		3-27-23 13:40		G		W
RW-2 032723		3-27-23 13:40		G		W
RW-3 032723		3-27-23 13:40		G		W
RW-1 032823		3-28-23 7:00		G		W
RW-2 032823		3-28-23 7:00		G		W
RW-3 032823		3-28-23 7:00		G		W
RW-1 032823		3-28-23 9:50		G		W
RW-2 032823		3-28-23 9:50		G		W
RW-3 032823		3-28-23 9:50		G		W
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 Special Instructions/QC Requirements:		
Empty Kit Relinquished by:		Date:		Method of Shipment:		
Relinquished by: <u>Martin Kovachuk</u>		Date/Time: <u>3-28-23 / 17:35</u>		Company: <u>USU/IG</u>		
Relinquished by:		Date/Time:		Company:		
Relinquished by:		Date/Time:		Company:		
Custody Seals Intact: <u>Yes</u>		Custody Seal No.:		Cooler Temperature(s) °C and Other Remarks: <u>416 #1 ICE</u>		

Ver: 06/08/2021

Login Sample Receipt Checklist

Client: Ramboll US Corporation

Job Number: 480-207314-1

Login Number: 207314

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	

Mr. Joel Paradise
Niagara Falls Water Board
5815 Buffalo Avenue
Niagara Falls, New York 14304

Significant Industrial User (SIU) Permit No. 61 for Forest Glen Site – Quarterly Monitoring Report (Period ending August 31, 2023)

August 28, 2023

Dear Mr. Paradise:

This quarterly monitoring report for the period between June 1, 2023 and August 31, 2023 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, 2023, the four grab samples were collected between June 14 and 15, 2023. 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-

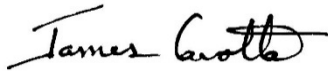
dichloroethane, trichloroethylene, tetrachloroethylene and 1,1,1-trichloroethane using USEPA method 624. The results of the analyses are summarized in the attached Self-Monitoring Report, which presents the concentration for each well based on the composite samples. The Eurofins laboratory report is 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 15, 2023 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,

A handwritten signature in black ink that reads "James Cavotta".

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, 2023

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	-	1 st Quarter by February 28 th
	-	2 nd Quarter by May 31 st
	-	3 rd Quarter by August 31 st
	-	4 th Quarter by November 30 th
Semi-Annual	-	by February 28 th
		and
	-	by August 31 st

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:

AUGUST 25, 2023

PART I

ANALYTICAL RESULTS

The Goodyear Tire & Rubber Company

SIU PERMIT NAME:

61

SIU PERMIT NO.:

Forest Glen Site

SAMPLE LOCATION:

	RESULTS		RESULTS		ANNUAL AVERAGE ug/l	ANNUAL AVERAGE lbs/day
	RW-1	RW-2	RW-3	Combined		
	ug/l	/ ug/l	ug/l	/ lbs/day		
DATE SAMPLED. → 6/15/23						
24-HOUR FLOW IN MGD *						0.032571
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	49.0	10.0	30.0	0.0072	21.716	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	2.0 J	5.0 U	5.0 U	0.0002	0.318	0.0001
1,1,2 – TRICHLOROETHANE						
TRICHLOROETHYLENE	5.0 U	0.75 J	5.0 U	0.0001	1.432	0.0003
METHYLENE CHLORIDE						
MONOCHLOROTOLUENES						
MONOCHLOROBENZOTRIFLUOROIDE						
VINYL CHLORIDE	12.0	3.5 J	4.4 J	0.0017	2.661	0.0011
TETRAHYDRAFURAN						
XYLENE						

PART I

ANALYTICAL RESULTS

The Goodyear Tire & Rubber Company

SIU PERMIT NAME:

SIU PERMIT NO.: 61

SIU PERMIT NO.:

Forest Glen Site

SAMPLE LOCATION:

	RESULTS		RESULTS		ANNUAL AVERAGE ug/l	ANNUAL AVERAGE lbs/day
	RW-1	RW-2	RW-3	Combined		
	ug/l	/ ug/l	ug/l	/ lbs/day		
DATE SAMPLED. → 6/15/23						
24-HOUR FLOW IN MGD						0.032571
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						

ANALYTICAL RESULTS

SIU PERMIT NAME:**SIU PERMIT NO.:**

SAMPLE LOCATION:

[illegible]

PART I

ANALYTICAL RESULTS

The Goodyear Tire & Rubber Company

SIU PERMIT NAME:

SIU PERMIT NO.: 61

Forest Glen Site

SAMPLE LOCATION:

	RESULTS		RESULTS		ANNUAL AVERAGE ug/l	ANNUAL AVERAGE lbs/day
	RW-1 ug/l	RW-2 / ug/l	RW-3 ug/l	Combined / lbs/day		
DATE SAMPLED: → 6/15/23						
24-HOUR FLOW IN MGD *						0.032571
1,2,4 – TRICHLOROBENZENE						
1,2 – DICHLOROETHANE						
1,1,1 – TRICHLOROETHANE	2.0 J	5.0 U	5.0 U	0.0002	0.318	0.0001
HEXACHLOROETHANE						
1,1 – DICHLOROETHANE	3.2 J	1.2 J	5.0 U	0.0004	1.062	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

The Goodyear Tire & Rubber Company

SIU PERMIT NAME:

61

SIU PERMIT NO.:

Forest Glen Site

SAMPLE LOCATION:

	RESULTS		RESULTS		ANNUAL AVERAGE ug/l	ANNUAL AVERAGE lbs/day
	RW-1	RW-2	RW-3	Combined		
	ug/l	/ ug/l	ug/l	/ lbs/day		
DATE SAMPLED: → 6/15/23						
24-HOUR FLOW IN MGD *						0.032571
1,2 - DICHLOROPROPANE						
VINYL CHLORIDE	12.0	3.5 J	4.4 J	0.0017	2.661	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	0.75 J	5.0 U	0.0001	1.432	0.0003
TOTAL CYANIDE						
TOTAL LEAD						
TOTAL ZINC						

PART I

ANALYTICAL RESULTS

The Goodyear Tire & Rubber Company

SIU PERMIT NAME: _____

61

SIU PERMIT NO.: _____

Forest Glen Site

SAMPLE LOCATION: _____

	RESULTS		RESULTS		ANNUAL AVERAGE ug/l	ANNUAL AVERAGE lbs/day
	RW-1	RW-2	RW-3	Combined		
	ug/l	/ ug/l	ug/l	/ lbs/day		
DATE SAMPLED: → 6/15/23						
24-HOUR FLOW IN MGD						0.032571
TOTAL SUSPENDED SOLIDS						
SOLUBLE 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

SIU NAME: _____

PERMIT NO.:[illegible]

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 10,011 gallons				RW-2 volume 15,228 gallons				RW-3 volume 7,332 gallons		Total volume 32,571 gallons			
Analyte	6/15/2023	Contribution to		6/15/2023	Contribution to loading		6/15/2023	Contribution to loading		Total loading to POTW					
1,1,1-trichloroethane	2.0 J	0.0002	lbs/day	5 U	0	lbs/day	5 U	0	lbs/day	0.0002	lbs/day			0.6147	ug/l
1,1-dichloroethane	3.2 J	0.0003	lbs/day	1.2 J	0.0002	lbs/day	5 U	0	lbs/day	0.0004	lbs/day			1.5446	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	49	0.0041	lbs/day	10	0.0013	lbs/day	30	0.0018	lbs/day	0.0072	lbs/day			26.4892	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	0.75 J	0.00010	lbs/day	5U	0	lbs/day	0.0001	lbs/day			0.3506	ug/l
vinyl chloride	12	0.0010	lbs/day	3.5 J	0.00044	lbs/day	4.4 J	0.0003	lbs/day	0.0017	lbs/day			6.3152	ug/l

- Notes
- 1. Concentrations reported in units of ug/l
 - 2. U - undetected, with detection limit identified
 - 3. J - estimated value

	9/27/2022	12/22/2022	3/28/2023	6/15/2023	Average
Analyte	ug/l	ug/l	ug/l	ug/l	ug/l
1,1,1-trichloroethane	0.2189	0.4375	0	0.6147	0.318
1,1-dichloroethane	0.6734	0.6315	1.3969	1.5446	1.062
1,1-dichloroethylene	0	0	0	0	0
cis-1,2-dichloroethylene	11.4192	12.8255	36.1295	26.4892	21.716
tetrachloroethylene	0	0	0	0	0
trans-1,2-dichloroethylene	0	0	0	0	0
trichloroethylene	0	1.7140	3.6616	0.3506	1.432
vinyl chloride	4.3279	0	0	6.3152	2.661

Analyte	lb/day	lb/day	lb/day	lb/day	lbs/day
1,1,1-trichloroethane	0.0001	0.0001	0	0.0002	0.0001
1,1-dichloroethane	0.0002	0.0002	0.0004	0.0004	0.0003
1,1-dichloroethylene	0	0	0	0	0
cis-1,2-dichloroethylene	0.0037	0.0037	0.0095	0.0072	0.0060
tetrachloroethylene	0	0	0	0	0
trans-1,2-dichloroethylene	0	0	0	0	0
trichloroethylene	0	0	0.0010	0.0001	0.0003
vinyl chloride	0.0014	0.0014	0	0.0017	0.0011



ANALYTICAL REPORT

PREPARED FOR

Attn: David Carnevale
Ramboll US Corporation
333 West Washington Street
Syracuse, New York 13202

Generated 6/20/2023 11:24:12 AM

JOB DESCRIPTION

Forest Glen Monitoring
Forest Glen Monitoring

JOB NUMBER

480-209900-1

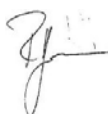
Eurofins Buffalo

Job Notes

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Authorization



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Definitions/Glossary

Client: Ramboll US Corporation
Project/Site: Forest Glen Monitoring

Job ID: 480-209900-1

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Glossary

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

Job ID: 480-209900-1

Job ID: 480-209900-1

Laboratory: Eurofins Buffalo

Narrative

Job Narrative
480-209900-1

Comments

No additional comments.

Receipt

The samples were received on 6/15/2023 4:10 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 3.9° C.

GC/MS VOA

Method 624.1: The following Volatile samples were composited by the laboratory on 6/16/2023 as requested by the client: RW-1 COMPOSITE (480-209900-1), RW-2 COMPOSITE (480-209900-2) and RW-3 COMPOSITE (480-209900-3). 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: Ramboll US Corporation
Project/Site: Forest Glen Monitoring

Job ID: 480-209900-1

Client Sample ID: RW-1 COMPOSITE

Lab Sample ID: 480-209900-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1,1-Trichloroethane	2.0	J	5.0	0.39	ug/L	1		624.1	Total/NA
1,1-Dichloroethane	3.2	J	5.0	0.59	ug/L	1		624.1	Total/NA
cis-1,2-Dichloroethene	49		5.0	0.57	ug/L	1		624.1	Total/NA
Vinyl chloride	12		5.0	0.75	ug/L	1		624.1	Total/NA

Client Sample ID: RW-2 COMPOSITE

Lab Sample ID: 480-209900-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	1.2	J	5.0	0.59	ug/L	1		624.1	Total/NA
cis-1,2-Dichloroethene	10		5.0	0.57	ug/L	1		624.1	Total/NA
Trichloroethene	0.75	J	5.0	0.60	ug/L	1		624.1	Total/NA
Vinyl chloride	3.5	J	5.0	0.75	ug/L	1		624.1	Total/NA

Client Sample ID: RW-3 COMPOSITE

Lab Sample ID: 480-209900-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	30		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

This Detection Summary does not include radiochemical test results.

Eurofins Buffalo

Client Sample Results

Client: Ramboll US Corporation
Project/Site: Forest Glen Monitoring

Job ID: 480-209900-1

Client Sample ID: RW-1 COMPOSITE

Lab Sample ID: 480-209900-1

Date Collected: 06/14/23 09:30

Matrix: Wastewater

Date Received: 06/15/23 16:10

Method: EPA 624.1 - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	2.0	J	5.0	0.39	ug/L			06/16/23 14:19	1
1,1-Dichloroethane	3.2	J	5.0	0.59	ug/L			06/16/23 14:19	1
1,1-Dichloroethene	ND		5.0	0.85	ug/L			06/16/23 14:19	1
cis-1,2-Dichloroethene	49		5.0	0.57	ug/L			06/16/23 14:19	1
Tetrachloroethene	ND		5.0	0.34	ug/L			06/16/23 14:19	1
trans-1,2-Dichloroethene	ND		5.0	0.59	ug/L			06/16/23 14:19	1
Trichloroethene	ND		5.0	0.60	ug/L			06/16/23 14:19	1
Vinyl chloride	12		5.0	0.75	ug/L			06/16/23 14:19	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	102		68 - 130					06/16/23 14:19	1
4-Bromofluorobenzene (Surr)	92		76 - 123					06/16/23 14:19	1
Dibromofluoromethane (Surr)	108		75 - 123					06/16/23 14:19	1
Toluene-d8 (Surr)	90		77 - 120					06/16/23 14:19	1

Client Sample Results

Client: Ramboll US Corporation
Project/Site: Forest Glen Monitoring

Job ID: 480-209900-1

Client Sample ID: RW-2 COMPOSITE

Lab Sample ID: 480-209900-2

Date Collected: 06/14/23 09:30

Matrix: Wastewater

Date Received: 06/15/23 16:10

Method: EPA 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			06/16/23 14:44	1
1,1-Dichloroethane	1.2	J	5.0	0.59	ug/L			06/16/23 14:44	1
1,1-Dichloroethene	ND		5.0	0.85	ug/L			06/16/23 14:44	1
cis-1,2-Dichloroethene	10		5.0	0.57	ug/L			06/16/23 14:44	1
Tetrachloroethene	ND		5.0	0.34	ug/L			06/16/23 14:44	1
trans-1,2-Dichloroethene	ND		5.0	0.59	ug/L			06/16/23 14:44	1
Trichloroethene	0.75	J	5.0	0.60	ug/L			06/16/23 14:44	1
Vinyl chloride	3.5	J	5.0	0.75	ug/L			06/16/23 14:44	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	100		68 - 130					06/16/23 14:44	1
4-Bromofluorobenzene (Surr)	91		76 - 123					06/16/23 14:44	1
Dibromofluoromethane (Surr)	105		75 - 123					06/16/23 14:44	1
Toluene-d8 (Surr)	88		77 - 120					06/16/23 14:44	1

Client Sample Results

Client: Ramboll US Corporation
Project/Site: Forest Glen Monitoring

Job ID: 480-209900-1

Client Sample ID: RW-3 COMPOSITE

Lab Sample ID: 480-209900-3

Date Collected: 06/14/23 09:30

Matrix: Wastewater

Date Received: 06/15/23 16:10

Method: EPA 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			06/16/23 15:08	1
1,1-Dichloroethane	ND		5.0	0.59	ug/L			06/16/23 15:08	1
1,1-Dichloroethene	ND		5.0	0.85	ug/L			06/16/23 15:08	1
cis-1,2-Dichloroethene	30		5.0	0.57	ug/L			06/16/23 15:08	1
Tetrachloroethene	ND		5.0	0.34	ug/L			06/16/23 15:08	1
trans-1,2-Dichloroethene	ND		5.0	0.59	ug/L			06/16/23 15:08	1
Trichloroethene	ND		5.0	0.60	ug/L			06/16/23 15:08	1
Vinyl chloride	4.4 J		5.0	0.75	ug/L			06/16/23 15:08	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	98		68 - 130					06/16/23 15:08	1
4-Bromofluorobenzene (Surr)	90		76 - 123					06/16/23 15:08	1
Dibromofluoromethane (Surr)	104		75 - 123					06/16/23 15:08	1
Toluene-d8 (Surr)	90		77 - 120					06/16/23 15:08	1

Surrogate Summary

Client: Ramboll US Corporation
Project/Site: Forest Glen Monitoring

Job ID: 480-209900-1

Method: 624.1 - Volatile Organic Compounds (GC/MS)

Matrix: Wastewater

Prep Type: Total/NA

Percent Surrogate Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	DCA (68-130)	BFB (76-123)	DBFM (75-123)	TOL (77-120)
480-209900-1	RW-1 COMPOSITE	102	92	108	90
480-209900-2	RW-2 COMPOSITE	100	91	105	88
480-209900-3	RW-3 COMPOSITE	98	90	104	90

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)

Lab Sample ID	Client Sample ID	DCA (68-130)	BFB (76-123)	DBFM (75-123)	TOL (77-120)
LCS 480-673333/6	Lab Control Sample	99	90	105	90
MB 480-673333/8	Method Blank	99	91	108	90

Surrogate Legend

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

QC Sample Results

Client: Ramboll US Corporation
Project/Site: Forest Glen Monitoring

Job ID: 480-209900-1

Method: 624.1 - Volatile Organic Compounds (GC/MS)

Lab Sample ID: MB 480-673333/8

Matrix: Water

Analysis Batch: 673333

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			06/16/23 13:19	1
1,1-Dichloroethane	ND		5.0	0.59	ug/L			06/16/23 13:19	1
1,1-Dichloroethene	ND		5.0	0.85	ug/L			06/16/23 13:19	1
cis-1,2-Dichloroethene	ND		5.0	0.57	ug/L			06/16/23 13:19	1
Tetrachloroethene	ND		5.0	0.34	ug/L			06/16/23 13:19	1
trans-1,2-Dichloroethene	ND		5.0	0.59	ug/L			06/16/23 13:19	1
Trichloroethene	ND		5.0	0.60	ug/L			06/16/23 13:19	1
Vinyl chloride	ND		5.0	0.75	ug/L			06/16/23 13:19	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	99		68 - 130		06/16/23 13:19	1
4-Bromofluorobenzene (Surr)	91		76 - 123		06/16/23 13:19	1
Dibromofluoromethane (Surr)	108		75 - 123		06/16/23 13:19	1
Toluene-d8 (Surr)	90		77 - 120		06/16/23 13:19	1

Lab Sample ID: LCS 480-673333/6

Matrix: Water

Analysis Batch: 673333

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	18.9		ug/L		94	52 - 162
1,1-Dichloroethane	20.0	16.5		ug/L		83	59 - 155
1,1-Dichloroethene	20.0	17.0		ug/L		85	1 - 234
Tetrachloroethene	20.0	18.1		ug/L		90	64 - 148
trans-1,2-Dichloroethene	20.0	17.3		ug/L		86	54 - 156
Trichloroethene	20.0	18.6		ug/L		93	71 - 157
Vinyl chloride	20.0	17.2		ug/L		86	1 - 251

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	99		68 - 130
4-Bromofluorobenzene (Surr)	90		76 - 123
Dibromofluoromethane (Surr)	105		75 - 123
Toluene-d8 (Surr)	90		77 - 120

QC Association Summary

Client: Ramboll US Corporation
Project/Site: Forest Glen Monitoring

Job ID: 480-209900-1

GC/MS VOA

Analysis Batch: 673333

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-209900-1	RW-1 COMPOSITE	Total/NA	Wastewater	624.1	
480-209900-2	RW-2 COMPOSITE	Total/NA	Wastewater	624.1	
480-209900-3	RW-3 COMPOSITE	Total/NA	Wastewater	624.1	
MB 480-673333/8	Method Blank	Total/NA	Water	624.1	
LCS 480-673333/6	Lab Control Sample	Total/NA	Water	624.1	

Lab Chronicle

Client: Ramboll US Corporation
Project/Site: Forest Glen Monitoring

Job ID: 480-209900-1

Client Sample ID: RW-1 COMPOSITE

Date Collected: 06/14/23 09:30

Date Received: 06/15/23 16:10

Lab Sample ID: 480-209900-1

Matrix: Wastewater

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	624.1		1	673333	ATG	EET BUF	06/16/23 14:19

Client Sample ID: RW-2 COMPOSITE

Date Collected: 06/14/23 09:30

Date Received: 06/15/23 16:10

Lab Sample ID: 480-209900-2

Matrix: Wastewater

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	624.1		1	673333	ATG	EET BUF	06/16/23 14:44

Client Sample ID: RW-3 COMPOSITE

Date Collected: 06/14/23 09:30

Date Received: 06/15/23 16:10

Lab Sample ID: 480-209900-3

Matrix: Wastewater

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	624.1		1	673333	ATG	EET BUF	06/16/23 15:08

Laboratory References:

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

Accreditation/Certification Summary

Client: Ramboll US Corporation
Project/Site: Forest Glen Monitoring

Job ID: 480-209900-1

Laboratory: Eurofins Buffalo

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

Authority	Program	Identification Number	Expiration Date
New York	NELAP	10026	03-31-24

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14
- 15

Method Summary

Client: Ramboll US Corporation
Project/Site: Forest Glen Monitoring

Job ID: 480-209900-1

Method	Method Description	Protocol	Laboratory
624.1	Volatile Organic Compounds (GC/MS)	EPA	EET BUF

Protocol References:

EPA = US Environmental Protection Agency

Laboratory References:

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

Sample Summary

Client: Ramboll US Corporation
Project/Site: Forest Glen Monitoring

Job ID: 480-209900-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
480-209900-1	RW-1 COMPOSITE	Wastewater	06/14/23 09:30	06/15/23 16:10
480-209900-2	RW-2 COMPOSITE	Wastewater	06/14/23 09:30	06/15/23 16:10
480-209900-3	RW-3 COMPOSITE	Wastewater	06/14/23 09:30	06/15/23 16:10

1

2

3

4

5

6

7

8

9

10

11

12

13

14

15

Chain of Custody Record



Environment Testing

Client Information		Sampler: <i>Martin Koennecke</i>		Lab PM: Schove, John R	Carrier Tracking No(s):	COC No: 480-186162-36856.1
Client Contact: Mr. Yuri Veliz		Phone: 315-529-1300		E-Mail: John.Schove@et.eurofins.com	State of Origin:	Page 1 of 1
Company: Ramboll US Corporation		PWSID:		Job #:		
Address: 94 New Karner Rd Suite 106		City: Albany		Analysis Requested		
State, Zip: NY, 12203		TAT Requested (days): STANDARD		Preservation Codes:		
Phone: 315-956-6100(Tel)		Compliance Project: ☐ Yes ☒ No		A - HCL B - NaOH C - Zn Acetate D - Nitric Acid E - H2SO4 F - H2O2 G - H2SO4 H - TSP Dodecahydrate I - Water J - MCAA K - pH 4-5 L - Trizma 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)		
Email: Yuri.Veliz@ramboll.com		Project #: 48002808		Barcode: 480-209900 Chain of Custody		
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=other, A=air)	Field Filtered Sample (Yes or No)
RW1 061323	6-13-23	10:00	G	Water		624.1 PREC - Site Specific List
RW2 061323	6-13-23	10:00	G	Water		
RW3 061323	6-13-23	10:00	G	Water		
RW1 061323	6-13-23	14:25	G	Water		
RW2 061323	6-13-23	14:25	G	W		
RW3 061323	6-13-23	14:25	G	W		
RW-1 061423	6-14-23	7:00	G	W		
RW-2 061423	6-14-23	7:00	G	W		
RW-3 061423	6-14-23	7:00	G	W		
RW-1 061423	6-14-23	9:30	G	W		
RW-2 061423	6-14-23	9:30	G	W		
RW-3 061423	6-14-23	9:30	G	W		
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:		Method of Shipment:				
Relinquished by: <i>Martin Koennecke</i>		Received by:				
Date/Time: 6-14-23 / 16:10		Date/Time:				
Company: KSW16		Company:				
Relinquished by:		Date/Time:				
Company:		Date/Time:				
Relinquished by:		Date/Time:				
Company:		Date/Time:				
Custody Seals Intact: ☐ Yes ☒ No		Custody Seal No.:				
Custody Temperature(s) °C and Other Remarks:		Cooler Temperature(s) °C and Other Remarks:				

Login Sample Receipt Checklist

Client: Ramboll US Corporation

Job Number: 480-209900-1

Login Number: 209900

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	

Mr. Joel Paradise
Niagara Falls Water Board
5815 Buffalo Avenue
Niagara Falls, New York 14304

Significant Industrial User (SIU) Permit No. 61 for Forest Glen Site – Quarterly Monitoring Report (Period ending November 30, 2023)

November 29, 2023

Dear Mr. Paradise:

This quarterly monitoring report for the period between September 1 and November 30, 2023 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 October 1, 2023.

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, 2023, the four grab samples were collected between September 18 and 19, 2023. 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 20, 2023 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,

A handwritten signature in black ink that reads "James Cavotta".

James Cavotta
SENIOR PROJECT MANAGER

D 315-956-6836
M 315-575-0729
james.cavotta@ramboll.com

cc: Stephen Stewart – NFWB
Jeffrey Dyber – NYSDEC
Jasmine Stefansky – NYSDEC
Maeve Wurtz - USEPA
Chris Wiley - Goodyear



**NIAGARA FALLS WATER BOARD
WASTEWATER FACILITIES
ENFORCEMENT DIVISION**

**SELF-MONITORING REPORT
SIGNIFICANT INDUSTRIAL USERS**

PERMIT NO. 61

QUARTER November 30, 2023

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	-	1 st Quarter by February 28 th
	-	2 nd Quarter by May 31 st
	-	3 rd Quarter by August 31 st
	-	4 th Quarter by November 30 th
Semi-Annual	-	by February 28 th
		and
	-	by August 31 st

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. Sauer

Title:

SENIOR MANAGER, GLOBAL REMEDIATION

Date:

NOVEMBER 27, 2023

PART I

ANALYTICAL RESULTS

The Goodyear Tire & Rubber Company

SIU PERMIT NAME:

61

SIU PERMIT NO.:

Forest Glen Site

SAMPLE LOCATION:

	RESULTS		RESULTS		ANNUAL AVERAGE ug/l	ANNUAL AVERAGE lbs/day
	RW-1	RW-2	RW-3	Combined		
	ug/l	/ ug/l	ug/l	/ lbs/day		
DATE SAMPLED. → 9/19/23						
24-HOUR FLOW IN MGD *						0.039468
BENZENE						
CARBON TETRACHLORIDE						
CHLORODIBROMOMETHANE						
MONOCHLOROBENZENE						
DICHLOROBROMOMETHANE						
CHLOROFORM						
1,1 – DICHLOROETHYLENE	5 U	5 U	5 U	0	0	0
1,2 – DICHLOROETHYLENE	34	7.9	29	0.0077	24.683	0.0070
BROMOFORM						
ETHYLBENZENE						
1,1,2,2 – TETRACHLOROETHANE						
TETRACHLOROETHYLENE	5 U	5 U	5 U	0	0	0
TOLUENE						
1,1,1 – TRICHLOROETHANE	1.1 J	5 U	5 U	0.0002	0.387	0.0001
1,1,2 – TRICHLOROETHANE						
TRICHLOROETHYLENE	5 U	5 U	5 U	0	1.432	0.0003
METHYLENE CHLORIDE						
MONOCHLOROTOLUENES						
MONOCHLOROBENZOTRIFLUORIDE						
VINYL CHLORIDE	7.1	3.8 J	5.5	0.0018	2.974	0.0012
TETRAHYDRAFURAN						
XYLENE						

PART I

ANALYTICAL RESULTS

The Goodyear Tire & Rubber Company

SIU PERMIT NAME:

SIU PERMIT NO.: 61

SIU PERMIT NO.:

Forest Glen Site

SAMPLE LOCATION:

	RESULTS		RESULTS		ANNUAL AVERAGE ug/l	ANNUAL AVERAGE lbs/day
	RW-1	RW-2	RW-3	Combined		
	ug/l	/ ug/l	ug/l	/ lbs/day		
DATE SAMPLED. → 9/19/23						
24-HOUR FLOW IN MGD						0.039468
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						

ANALYTICAL RESULTS

SIU PERMIT NAME:**SIU PERMIT NO.:**

SAMPLE LOCATION:

[illegible]

PART I

ANALYTICAL RESULTS

The Goodyear Tire & Rubber Company

SIU PERMIT NAME:

SIU PERMIT NO.: 61

Forest Glen Site

SAMPLE LOCATION:

	RESULTS		RESULTS		ANNUAL AVERAGE ug/l	ANNUAL AVERAGE lbs/day
	RW-1 ug/l	RW-2 / ug/l	RW-3 ug/l	Combined / lbs/day		
DATE SAMPLED: → 9/19/23						
24-HOUR FLOW IN MGD *						0.039468
1,2,4 – TRICHLOROBENZENE						
1,2 – DICHLOROETHANE						
1,1,1 – TRICHLOROETHANE	1.1 J	5 U	5 U	0.0002	0.387	0.0001
HEXACHLOROETHANE						
1,1 – DICHLOROETHANE	2.3 J	5 U	5 U	0.0003	1.153	0.0003
1,1,2 – TRICHLOROETHANE						
CHLOROETHANE						
1,2 – DICHLOROBENZENE						
1,3 – DICHLOROBENZENE						
1,4 – DICHLOROBENZENE						
1,1 DICHLOROETHYLENE	5 U	5 U	5 U	0	0	0
1,2 – TRANS-DICHLOROETHYLENE	5 U	5 U	5 U	0	0	0
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

The Goodyear Tire & Rubber Company

SIU PERMIT NAME: _____

61

SIU PERMIT NO.: _____

Forest Glen Site

SAMPLE LOCATION: _____

	RESULTS		RESULTS		ANNUAL AVERAGE ug/l	ANNUAL AVERAGE lbs/day
	RW-1	RW-2	RW-3	Combined		
	ug/l	/ ug/l	ug/l	/ lbs/day		
DATE SAMPLED: → 9/19/23						
24-HOUR FLOW IN MGD *						0.039468
1,2 - DICHLOROPROPANE						
VINYL CHLORIDE	7.1	3.8 J	5.5	0.0018	2.974	0.0012
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 U	5 U	5 U	0	1.432	0.0003
TOTAL CYANIDE						
TOTAL LEAD						
TOTAL ZINC						

PART I

ANALYTICAL RESULTS

The Goodyear Tire & Rubber Company

SIU PERMIT NAME:

61

SIU PERMIT NO.:

Forest Glen Site

SAMPLE LOCATION:

	RESULTS		RESULTS		ANNUAL AVERAGE ug/l	ANNUAL AVERAGE lbs/day
	RW-1	RW-2	RW-3	Combined		
	ug/l	/ ug/l	ug/l	/ lbs/day		
DATE SAMPLED: → 9/19/23						
24-HOUR FLOW IN MGD						0.039468
TOTAL SUSPENDED SOLIDS						
SOLUBLE 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

SIU NAME: _____

PERMIT NO.: _____

[illegible]

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 17,802 gallons				RW-2 volume 14,904 gallons				RW-3 volume 6,762 gallons		Total volume 39,468 gallons			
Analyte	9/19/2023	Contribution to		9/19/2023	Contribution to loading		9/19/2023	Contribution to loading		Total loading to POTW					
1,1,1-trichloroethane	1.1 J	0.0002	lbs/day	5 U	0	lbs/day	5 U	0	lbs/day	0.0002	lbs/day	0.4962	ug/l		
1,1-dichloroethane	2.3 J	0.0003	lbs/day	5 U	0	lbs/day	5 U	0	lbs/day	0.0003	lbs/day	1.0374	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	34	0.0051	lbs/day	7.9	0.0010	lbs/day	29	0.0016	lbs/day	0.0077	lbs/day	23.2874	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	7.1	0.0011	lbs/day	3.8 J	0.00047	lbs/day	5.5	0.0003	lbs/day	0.0018	lbs/day	5.5797	ug/l		

- Notes
- 1. Concentrations reported in units of ug/l
 - 2. U - undetected, with detection limit identified
 - 3. J - estimated value

	12/22/2022	3/28/2023	6/15/2023	9/19/2023	Average
Analyte	ug/l	ug/l	ug/l	ug/l	ug/l
1,1,1-trichloroethane	0.4375	0	0.6147	0.4962	0.387
1,1-dichloroethane	0.6315	1.3969	1.5446	1.0374	1.153
1,1-dichloroethylene	0	0	0	0	0
cis-1,2-dichloroethylene	12.8255	36.1295	26.4892	23.2874	24.683
tetrachloroethylene	0	0	0	0	0
trans-1,2-dichloroethylene	0	0	0	0	0
trichloroethylene	1.7140	3.6616	0.3506	0	1.432
vinyl chloride	0	0	6.3152	5.5797	2.974

Analyte	lb/day	lb/day	lb/day	lb/day	lbs/day
1,1,1-trichloroethane	0.0001	0	0.0002	0.0002	0.0001
1,1-dichloroethane	0.0002	0.0004	0.0004	0.0003	0.0003
1,1-dichloroethylene	0	0	0	0	0
cis-1,2-dichloroethylene	0.0037	0.0095	0.0072	0.0077	0.0070
tetrachloroethylene	0	0	0	0	0
trans-1,2-dichloroethylene	0	0	0	0	0
trichloroethylene	0	0.0010	0.0001	0	0.0003
vinyl chloride	0.0014	0	0.0017	0.0018	0.0012

ANALYTICAL REPORT

PREPARED FOR

Attn: David Carnevale
Ramboll US Corporation
333 West Washington Street
Syracuse, New York 13202

Generated 9/25/2023 1:23:00 PM

JOB DESCRIPTION

Forest Glen Monitoring
Forest Glen Monitoring

JOB NUMBER

480-212884-1

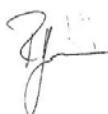
Eurofins Buffalo

Job Notes

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

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

Authorization



Generated
9/25/2023 1:23:00 PM

Authorized for release by
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Definitions/Glossary

Client: Ramboll US Corporation
Project/Site: Forest Glen Monitoring

Job ID: 480-212884-1

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Glossary

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

Job ID: 480-212884-1

Job ID: 480-212884-1

Laboratory: Eurofins Buffalo

Narrative

Job Narrative 480-212884-1

Receipt

The samples were received on 9/19/2023 4:15 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 3.7° C.

GC/MS VOA

Method 624.1: The following Volatile samples were composited by the laboratory on 09/21/2023 as requested by the client: RW-1 COMPOSITE 091923 (480-212884-1), RW-2 COMPOSITE 091923 (480-212884-2) and RW-3 COMPOSITE 091923 (480-212884-3). 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: Ramboll US Corporation
Project/Site: Forest Glen Monitoring

Job ID: 480-212884-1

Client Sample ID: RW-1 COMPOSITE 091923

Lab Sample ID: 480-212884-1

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	2.3	J	5.0	0.59	ug/L	1		624.1	Total/NA
cis-1,2-Dichloroethene	34		5.0	0.57	ug/L	1		624.1	Total/NA
Vinyl chloride	7.1		5.0	0.75	ug/L	1		624.1	Total/NA

Client Sample ID: RW-2 COMPOSITE 091923

Lab Sample ID: 480-212884-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	7.9		5.0	0.57	ug/L	1		624.1	Total/NA
Vinyl chloride	3.8	J	5.0	0.75	ug/L	1		624.1	Total/NA

Client Sample ID: RW-3 COMPOSITE 091923

Lab Sample ID: 480-212884-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	29		5.0	0.57	ug/L	1		624.1	Total/NA
Vinyl chloride	5.5		5.0	0.75	ug/L	1		624.1	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins Buffalo

Client Sample Results

Client: Ramboll US Corporation
Project/Site: Forest Glen Monitoring

Job ID: 480-212884-1

Client Sample ID: RW-1 COMPOSITE 091923

Lab Sample ID: 480-212884-1

Date Collected: 09/19/23 08:45

Matrix: Wastewater

Date Received: 09/19/23 16:15

Method: EPA 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			09/21/23 16:57	1
1,1-Dichloroethane	2.3	J	5.0	0.59	ug/L			09/21/23 16:57	1
1,1-Dichloroethene	ND		5.0	0.85	ug/L			09/21/23 16:57	1
cis-1,2-Dichloroethene	34		5.0	0.57	ug/L			09/21/23 16:57	1
Tetrachloroethene	ND		5.0	0.34	ug/L			09/21/23 16:57	1
trans-1,2-Dichloroethene	ND		5.0	0.59	ug/L			09/21/23 16:57	1
Trichloroethene	ND		5.0	0.60	ug/L			09/21/23 16:57	1
Vinyl chloride	7.1		5.0	0.75	ug/L			09/21/23 16:57	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	90		68 - 130					09/21/23 16:57	1
4-Bromofluorobenzene (Surr)	99		76 - 123					09/21/23 16:57	1
Dibromofluoromethane (Surr)	99		75 - 123					09/21/23 16:57	1
Toluene-d8 (Surr)	84		77 - 120					09/21/23 16:57	1

Client Sample Results

Client: Ramboll US Corporation
Project/Site: Forest Glen Monitoring

Job ID: 480-212884-1

Client Sample ID: RW-2 COMPOSITE 091923

Lab Sample ID: 480-212884-2

Date Collected: 09/19/23 08:45

Matrix: Wastewater

Date Received: 09/19/23 16:15

Method: EPA 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			09/21/23 17:21	1
1,1-Dichloroethane	ND		5.0	0.59	ug/L			09/21/23 17:21	1
1,1-Dichloroethene	ND		5.0	0.85	ug/L			09/21/23 17:21	1
cis-1,2-Dichloroethene	7.9		5.0	0.57	ug/L			09/21/23 17:21	1
Tetrachloroethene	ND		5.0	0.34	ug/L			09/21/23 17:21	1
trans-1,2-Dichloroethene	ND		5.0	0.59	ug/L			09/21/23 17:21	1
Trichloroethene	ND		5.0	0.60	ug/L			09/21/23 17:21	1
Vinyl chloride	3.8 J		5.0	0.75	ug/L			09/21/23 17:21	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	91		68 - 130					09/21/23 17:21	1
4-Bromofluorobenzene (Surr)	94		76 - 123					09/21/23 17:21	1
Dibromofluoromethane (Surr)	97		75 - 123					09/21/23 17:21	1
Toluene-d8 (Surr)	82		77 - 120					09/21/23 17:21	1

Client Sample Results

Client: Ramboll US Corporation
Project/Site: Forest Glen Monitoring

Job ID: 480-212884-1

Client Sample ID: RW-3 COMPOSITE 091923

Lab Sample ID: 480-212884-3

Date Collected: 09/19/23 08:45

Matrix: Wastewater

Date Received: 09/19/23 16:15

Method: EPA 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			09/21/23 17:44	1
1,1-Dichloroethane	ND		5.0	0.59	ug/L			09/21/23 17:44	1
1,1-Dichloroethene	ND		5.0	0.85	ug/L			09/21/23 17:44	1
cis-1,2-Dichloroethene	29		5.0	0.57	ug/L			09/21/23 17:44	1
Tetrachloroethene	ND		5.0	0.34	ug/L			09/21/23 17:44	1
trans-1,2-Dichloroethene	ND		5.0	0.59	ug/L			09/21/23 17:44	1
Trichloroethene	ND		5.0	0.60	ug/L			09/21/23 17:44	1
Vinyl chloride	5.5		5.0	0.75	ug/L			09/21/23 17:44	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	91		68 - 130					09/21/23 17:44	1
4-Bromofluorobenzene (Surr)	96		76 - 123					09/21/23 17:44	1
Dibromofluoromethane (Surr)	97		75 - 123					09/21/23 17:44	1
Toluene-d8 (Surr)	84		77 - 120					09/21/23 17:44	1

Surrogate Summary

Client: Ramboll US Corporation
Project/Site: Forest Glen Monitoring

Job ID: 480-212884-1

Method: 624.1 - Volatile Organic Compounds (GC/MS)

Matrix: Wastewater

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)							
Lab Sample ID	Client Sample ID	DCA	BFB	DBFM	TOL				
		(68-130)	(76-123)	(75-123)	(77-120)				
480-212884-1	RW-1 COMPOSITE 091923	90	99	99	84				
480-212884-2	RW-2 COMPOSITE 091923	91	94	97	82				
480-212884-3	RW-3 COMPOSITE 091923	91	96	97	84				
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)							
Lab Sample ID	Client Sample ID	DCA	BFB	DBFM	TOL				
		(68-130)	(76-123)	(75-123)	(77-120)				
LCS 480-684429/6	Lab Control Sample	107	107	106	109				
MB 480-684429/8	Method Blank	107	108	106	108				
Surrogate Legend									
DCA = 1,2-Dichloroethane-d4 (Surr)									
BFB = 4-Bromofluorobenzene (Surr)									
DBFM = Dibromofluoromethane (Surr)									
TOL = Toluene-d8 (Surr)									

QC Sample Results

Client: Ramboll US Corporation
Project/Site: Forest Glen Monitoring

Job ID: 480-212884-1

Method: 624.1 - Volatile Organic Compounds (GC/MS)

Lab Sample ID: MB 480-684429/8

Matrix: Water

Analysis Batch: 684429

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			09/21/23 15:49	1
1,1-Dichloroethane	ND		5.0	0.59	ug/L			09/21/23 15:49	1
1,1-Dichloroethene	ND		5.0	0.85	ug/L			09/21/23 15:49	1
cis-1,2-Dichloroethene	ND		5.0	0.57	ug/L			09/21/23 15:49	1
Tetrachloroethene	ND		5.0	0.34	ug/L			09/21/23 15:49	1
trans-1,2-Dichloroethene	ND		5.0	0.59	ug/L			09/21/23 15:49	1
Trichloroethene	ND		5.0	0.60	ug/L			09/21/23 15:49	1
Vinyl chloride	ND		5.0	0.75	ug/L			09/21/23 15:49	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	107		68 - 130		09/21/23 15:49	1
4-Bromofluorobenzene (Surr)	108		76 - 123		09/21/23 15:49	1
Dibromofluoromethane (Surr)	106		75 - 123		09/21/23 15:49	1
Toluene-d8 (Surr)	108		77 - 120		09/21/23 15:49	1

Lab Sample ID: LCS 480-684429/6

Matrix: Water

Analysis Batch: 684429

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	20.9		ug/L		105	52 - 162
1,1-Dichloroethane	20.0	19.3		ug/L		97	59 - 155
1,1-Dichloroethene	20.0	20.1		ug/L		101	1 - 234
Tetrachloroethene	20.0	22.5		ug/L		113	64 - 148
trans-1,2-Dichloroethene	20.0	21.1		ug/L		106	54 - 156
Trichloroethene	20.0	21.2		ug/L		106	71 - 157
Vinyl chloride	20.0	17.7		ug/L		89	1 - 251

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	107		68 - 130
4-Bromofluorobenzene (Surr)	107		76 - 123
Dibromofluoromethane (Surr)	106		75 - 123
Toluene-d8 (Surr)	109		77 - 120

QC Association Summary

Client: Ramboll US Corporation
Project/Site: Forest Glen Monitoring

Job ID: 480-212884-1

GC/MS VOA

Analysis Batch: 684429

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-212884-1	RW-1 COMPOSITE 091923	Total/NA	Wastewater	624.1	
480-212884-2	RW-2 COMPOSITE 091923	Total/NA	Wastewater	624.1	
480-212884-3	RW-3 COMPOSITE 091923	Total/NA	Wastewater	624.1	
MB 480-684429/8	Method Blank	Total/NA	Water	624.1	
LCS 480-684429/6	Lab Control Sample	Total/NA	Water	624.1	

Lab Chronicle

Client: Ramboll US Corporation
Project/Site: Forest Glen Monitoring

Job ID: 480-212884-1

Client Sample ID: RW-1 COMPOSITE 091923

Lab Sample ID: 480-212884-1

Date Collected: 09/19/23 08:45

Matrix: Wastewater

Date Received: 09/19/23 16:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	624.1		1	684429	AXK	EET BUF	09/21/23 16:57

Client Sample ID: RW-2 COMPOSITE 091923

Lab Sample ID: 480-212884-2

Date Collected: 09/19/23 08:45

Matrix: Wastewater

Date Received: 09/19/23 16:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	624.1		1	684429	AXK	EET BUF	09/21/23 17:21

Client Sample ID: RW-3 COMPOSITE 091923

Lab Sample ID: 480-212884-3

Date Collected: 09/19/23 08:45

Matrix: Wastewater

Date Received: 09/19/23 16:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	624.1		1	684429	AXK	EET BUF	09/21/23 17:44

Laboratory References:

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

Accreditation/Certification Summary

Client: Ramboll US Corporation
Project/Site: Forest Glen Monitoring

Job ID: 480-212884-1

Laboratory: Eurofins Buffalo

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

Authority	Program	Identification Number	Expiration Date
New York	NELAP	10026	03-31-24

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14
- 15

Method Summary

Client: Ramboll US Corporation
Project/Site: Forest Glen Monitoring

Job ID: 480-212884-1

Method	Method Description	Protocol	Laboratory
624.1	Volatile Organic Compounds (GC/MS)	EPA	EET BUF

Protocol References:

EPA = US Environmental Protection Agency

Laboratory References:

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

Sample Summary

Client: Ramboll US Corporation
Project/Site: Forest Glen Monitoring

Job ID: 480-212884-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
480-212884-1	RW-1 COMPOSITE 091923	Wastewater	09/19/23 08:45	09/19/23 16:15
480-212884-2	RW-2 COMPOSITE 091923	Wastewater	09/19/23 08:45	09/19/23 16:15
480-212884-3	RW-3 COMPOSITE 091923	Wastewater	09/19/23 08:45	09/19/23 16:15

[illegible]

Login Sample Receipt Checklist

Client: Ramboll US Corporation

Job Number: 480-212884-1

Login Number: 212884

List Source: Eurofins 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	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	



APPENDIX B

SIU DISCHARGE PERMIT 61



NIAGARA FALLS WATER BOARD

SIGNIFICANT INDUSTRIAL USER WASTEWATER DISCHARGE PERMIT

PERMIT No. 61

In accordance the provisions of the Niagara Falls Water Board Wastewater Regulations,
21 NYCRR Part 1960, 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 discharge of wastewater into the Niagara Falls Water Board Publicly Owned Treatment Works (POTW) in accordance with the conditions set forth in this permit. Compliance with this permit does not relieve the permittee of its obligation to comply with any or all applicable pretreatment regulations, standards, or requirements under local, state, and federal laws, including any such regulations, standards, requirements, or laws that might become effective during the term of this permit. Noncompliance with any term or condition of this permit will constitute a violation of 21 NYCRR Part 1960.

**This permit will become effective October 1st, 2023
and will expire at midnight on September 30th, 2028.**

If permittee wishes to continue to discharge after the expiration date of this permit, an application must be filed for a renewal permit a minimum of 90 calendar days before the expiration date.

Signed this 30th day of August 2023

A blue ink signature of Dr. Abderrahman Zehraoui, written in a cursive style.

Dr. Abderrahman Zehraoui
Executive Director of the Niagara Falls Water Board

DISCHARGE IDENTIFICATION

OUTFALL	DESCRIPTION	LOCATION	RECEIVING
MS #1*	#001 Manholes MH-3B and MH-3C flow to the 8" onsite sanitary line which then flows 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

*See photo below

Monitoring Station #1



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 14 th , 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 14 th , 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 14 th , 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 14 th , 2018

B. Wastewater Discharge Management Practices

1. Identification of a responsible person(s)	Updated as needed

C. 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. All samples must be collected, preserved, and analyzed in accordance with the procedures established in 40 CFR Part 136, and amendments or as otherwise approved by the EPA Administrator. Chain of Custody records will be submitted with all sampling results.
3. All analysis must be performed by a State certified laboratory using analytical methods promulgated and consistent with 40 CFR Part 136 and amendments thereto or as otherwise approved by the EPA Administrator. 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. For samples required to be collected via a 24-hour composite sampler, permittee is required to retain a minimum of three samples on rotation at all times. The first sample shall be the current sample undergoing compositing. The second sample is the completed composite sample which represents the discharge from the preceding 24 hours. The third sample is a completed composite sample from the next preceding 24 hours. These samples shall not be split or otherwise altered without prior authorization from the Director.
5. A log shall be maintained in each Monitoring Station and shall contain the date, time, and flow integrator number at the time each daily sample is removed, the gallons conversion factor, and daily flow in million gallons per day. Comments detailing unusual events, equipment malfunctions, etc., shall also be recorded.
6. 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 the Niagara Falls Water Board. (C. continued)

C. General Wastewater Discharge Permit Conditions (continued)

7. Permittee must not ever increase the use of potable or process water or, in any way, attempt to dilute a discharge as a partial or complete substitute for adequate treatment to achieve compliance with a discharge limitation unless expressly authorized by an applicable Pretreatment Standard or Requirement. The Executive Director may impose mass limitations on permittees who are using dilution to meet applicable Pretreatment Standards or Requirements, or in other cases when the imposition of mass limitations is appropriate.
8. In accordance with 40 CFR 403.12(g)(2), if sampling performed by permittee indicates a violation of this permit, the permittee shall notify the NFWB within 24 hours of becoming aware of the violation. If a limit listed in Section E of this permit is exceeded, permittee will undertake a short-term monitoring for that pollutant and repeat the sampling and analysis for the limitation violated in a manner identical to the procedure used for routine monitoring purposes on least two (2) operating days and shall submit the analytical results for the repeat sampling to the NFWB within 30 days after becoming aware of the violation. Results will be reported in both concentration and mass.
9. Sampling frequency for any permitted compounds may be increased beyond the requirements set forth in Section E and F of this permit. If the permittee monitors any pollutant more frequently than required by this permit, using test procedures prescribed in 40 CFR Part 136 or amendments thereto, or otherwise approved by EPA, or as specified in this permit, the results of such monitoring must be included in any calculations of actual daily maximum or monthly average pollutant discharge, and results must be reported in the monthly report submitted to the NFWB. Such an increased monitoring frequency must also be indicated in the monthly report.
10. 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 E of this permit. The computation of the Annual Average will be as follows; for each compound listed in Section F of this permit, the Annual Average will be the average of the present monitoring quarter and three previous quarters' data.
11. 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 E of this permit.
12. Enforcement of the Annual Average Limitation will be based on the reported average of the last four quarters data vs. the Annual Average Limit listed in Section E of this permit. Enforcement of the Daily Maximum Limitation will be based on individual analysis results vs. the Daily Maximum Limit listed in Section E of this permit. These results may be obtained from self-monitoring (Section F), the Niagara Falls Water Board Verification, incident investigation or billing samples. (C. continued)

C. General Wastewater Discharge Permit Conditions (continued)

13. 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. Permittee may obtain a list of Local Limits from the NFWB Industrial Monitoring Coordinator and must comply with the Local Limits even if not required to monitor for all of the pollutants with local limits.

The pollutants listed in Administrative Procedure Number 6 which have Local Limits but which are not specifically listed in Section E and F 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 Local Limits for pollutants not identified in Section E and F of this permit are exceeded, permittee must undertake a short-term, high intensity monitoring program for that pollutant as follows: 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 Local Limit are confirmed, the permit may be modified by the NFWB to add new or revised permit limits.

14. The permittee must notify the NFWB immediately upon the occurrence of spills, including accidental discharges, discharges of a nonroutine, episodic nature, a noncustomary batch discharge, slug loads or slug discharges that might cause potential problems for the POTW or spills that might enter the public sewer. During normal business hours the NFWB should be notified by telephoning the Industrial Monitoring Coordinator, and failing to make direct contact with the Industrial Monitoring Coordinator, by telephoning the wastewater treatment plant Chief Operator. Contact information may be obtained from the Industrial Monitoring Coordinator. The notification must include location of discharge; date and time of discharge; type of waste, including concentration and volume; and corrective actions taken. The permittee's notification of accidental releases in accordance with this section does not relieve it of other reporting requirements that arise under local, state, or federal laws.

Within 5 days following an accidental discharge, the permittee shall submit to the NFWB a detailed written report. The report must specify the following:

- a. Description and cause of the upset, slug load, or accidental discharge; the cause thereof; and the impact on the permittee's compliance status. The description should also include location of discharge and type, concentration, and volume of waste.
- b. Duration of noncompliance, including exact dates and times of noncompliance and, if the noncompliance is continuing, the time by which compliance is reasonably expected to occur. (C 14. continued...)

C. General Wastewater Discharge Permit Conditions (14 C. continued)

- c. All steps taken or to be taken to reduce, eliminate, and/or prevent recurrence of such an upset, slug load, accidental discharge, or other conditions of noncompliance.

40 CFR 403.8(f)(2)(vi) requires the SIU to notify the Niagara Falls Water Board immediately of any changes at its facility affecting its potential for a slug discharge.

15. 40 CFR 403.17(c) contains the notification requirements for anticipated and unanticipated bypass. In the event of an anticipated bypass, the federal regulations at 403.17 (c)(1) require an industrial user to notify the NFWB at least ten days prior to the date of the bypass. In the event of an unanticipated bypass, the federal regulations at 40 CFR 403.17(c)(2) require an industrial user to notify the NFWB within 24 hours from the time the industrial user becomes aware of the bypass and submit a written description of the bypass within five days of the time the industrial user becomes aware of the bypass. As defined at 403.17 (a)(1), a bypass is "the intentional diversion of wastestreams from any portion of an Industrial User's treatment facility."
16. All reports submitted in connection with this Permit, including all compliance and monitoring reports, shall be signed by an authorized representative of industrial user pursuant to 40 CFR Part 403.12(l) and per NFWB Wastewater Regulation 1960.7(b)(2) shall contain a certification statement which shall read:
- "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."
17. As set forth in NFWB Wastewater Regulation 1960.9(b)(4), 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 Wastewater Regulations, or SIU Permit, or who falsifies, tampers with, or knowingly renders inaccurate any monitoring device or method required under the Wastewater Regulations, shall be assessed a penalty in an amount not to exceed \$10,000 per violation per day.
18. Per NFWB Wastewater Regulation 1960.9(b)(2), any person determined to have violated any of the provisions of the NFWB Wastewater Regulations shall be assessed a penalty in an amount not to exceed \$10,000 per individual violation per day. (C. continued)

C. General Wastewater Discharge Permit Conditions (continued)

19. The person violating any of the provisions of the Niagara Falls Water Board Wastewater Regulations also will be liable for any expense, loss, or damage occasioned by reason of such violation. The expense, loss, or damage may include but is not limited to additional pollutant treatment costs, damages to the POTW, personnel expenses for investigation, legal fees, and any other expense, loss, or damage occasioned by the violation. The expense, loss or damage will be taken to be to the extent determined by the Executive Director.
20. 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.
21. The permittee must comply with all conditions of this permit. Failure to comply with the requirements of this permit may be grounds for administrative action, or enforcement proceedings including civil or criminal penalties, injunctive relief, and summary suspension of discharge access.
22. The permittee must take all reasonable steps to contain or correct any adverse impact to the POTW or the environment resulting from noncompliance with this permit, including such accelerated or additional monitoring as necessary to determine the nature and impact of the noncomplying discharge.
23. Per NFWB Wastewater Regulations Section 1960.5(h)(1), personnel as designated by the Director shall be permitted at any time to enter upon all properties served by the Water Board POTW for the purpose of, and to carry out, inspection of premises, observation, measurement, sampling and testing, to determine compliance or non-compliance with applicable pretreatment standards and requirements. Personnel shall also be permitted to inspect and copy any and all documentation pertaining to discharge monitoring and analysis.
24. Permittee must furnish to the NFWB any information that the NFWB may request to determine whether cause exists for modifying, revoking, or terminating this permit or to determine compliance with this permit. The permittee must also, upon request, furnish to the NFWB copies of any records required to be kept pursuant to this permit. (C. continued)

C. General Wastewater Discharge Permit Conditions (continued)

25. The permittee must retain records of all monitoring information including all calibration and maintenance records and all original strip chart recordings for continuous monitoring instrumentation, copies of all reports required by this permit, and records of all data used to complete the application for this permit, for a period of at least 3 years from the date of the sample, measurement, report, or application.

This record retention period automatically is extended during enforcement or litigation activities involving the NFWB or permittee's discharge of pollutants, with the retention period extended until all enforcement activities have concluded and all periods of limitation with respect to any and all appeals have expired. The records retention period also is extended when requested by the NFWB, EPA Director, or EPA Regional Administrator.

26. As noted in Section 1960.6(g) of the NFWB Wastewater Regulations, "Permits are issued to a specific user. A permit shall not be reassigned or transferred without the approval of the Director. Any succeeding owner or user to which a permit has been transferred shall also comply with all terms and conditions of the existing permit." Per 40 CFR 403.8(f)(1)(iii)(B)(2), a copy of this permit must be provided to the new owner or operator of the facility that is the subject of this permit.
27. The issuance of this permit does not convey any property rights of any sort, or any exclusive privileges, nor does it authorize any injury to private property or any invasion of personal rights, nor any violation of federal, state, or local laws or regulations.
28. Per NFWB Wastewater Regulations Section 1960.6(e)(3), SIUs must obtain prior approval from the Director to discharge new or significantly increased wasteloads. The approval may require modification to the SIU Permit. In addition, permittee must notify the NFWB prior to making significant changes to pretreatment or monitoring facilities.
29. Pursuant to 21 NYCRR 1960.6(f), the terms and conditions of this permit may be subject to modification by the NFWB, during the term of the permit, as limitations or requirements are modified or other just cause exists.

D. Specific Wastewater Discharge Permit Conditions

1. Billing:

- 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 E and F 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 Monthly Flow Report.
- c) A check of the alarm system will be conducted quarterly and recorded on the log noted in item D3b.

4. Slug Discharge Control Plan:

Pursuant to the Federal Pretreatment Program Requirements, 40 CFR 403.8(f)(2)(vi), the NFWB periodically evaluates whether each such Significant Industrial User needs a plan or other action to control Slug Discharges. If the NFWB determines the permittee must develop and implement a Slug Discharge Control Plan, it must adhere to all requirements set forth in 40 CFR 403.8(f)(2)(vi). The Slug Discharge Control Plan must be implemented and all sections pertaining to sewer discharges to the NFWB are enforceable under this permit. All future revisions to the Slug Discharge Control Plan are also enforceable. Revised plans must be submitted to the Niagara Falls Water Board. This permittee has been reviewed **and is NOT required to develop and implement such a plan.**

E. 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./day	1/quarter	2
MS#1 – 1,1 Dichloroethylene	0.005	0.01	lbs./day	1/quarter	2
MS#1 - *1, 2 Dichloroethylene	0.05	0.1	lbs./day	1/quarter	2
MS#1 – 1,1 Dichloroethane	0.005	0.01	lbs./day	1/quarter	2
MS#1 – Trichloroethylene	0.005	0.01	lbs./day	1/quarter	2
MS#1 – Tetrachloroethylene	0.005	0.01	lbs./day	1/quarter	2
MS#1 – 1,1,1 Trichloroethane	0.005	0.01	lbs./day	1/quarter	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.

F. 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.

G. Comments/Revisions

APPENDIX C

LABORATORY REPORTS



ANALYTICAL REPORT

PREPARED FOR

Attn: David Carnevale
Ramboll US Corporation
333 West Washington Street
Syracuse, New York 13202

Generated 4/13/2023 11:48:12 AM

JOB DESCRIPTION

Forest Glen Monitoring
SDG NUMBER 480-207354-1

JOB NUMBER

480-207354-1

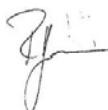
Eurofins Buffalo

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



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Definitions/Glossary

Client: Ramboll US Corporation
Project/Site: Forest Glen Monitoring

Job ID: 480-207354-1
SDG: 480-207354-1

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.
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.
B	Compound was found in the blank and sample.
F1	MS and/or MSD recovery exceeds control limits.
F2	MS/MSD RPD exceeds control limits
H	Sample was prepped or analyzed beyond the specified holding time
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.
α	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
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: Ramboll US Corporation
Project/Site: Forest Glen Monitoring

Job ID: 480-207354-1
SDG: 480-207354-1

Job ID: 480-207354-1

Laboratory: Eurofins Buffalo

Narrative

Job Narrative 480-207354-1

Comments

No additional comments.

Receipt

The samples were received on 3/29/2023 5:02 PM and 3/30/2023 12:40 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 3.6° C, 4.8° C and 5.2° C.

GC/MS VOA

Method 8260C: The continuing calibration verification (CCV) associated with batch 480-663433 recovered above the upper control limit for trans-1,3-Dichloropropene and 2-Butanone (MEK). The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated samples are impacted: MW8DD-033023 (480-207370-1), MW8D-033023 (480-207370-2) and TRIP BLANK (480-207370-3).

Method 8260C: The laboratory control sample (LCS) for analytical batch 480-663433 recovered outside control limits for the following analyte: trans-1,3-Dichloropropene. This analyte was biased high in the LCS and was not detected in the associated samples; therefore, the data have been reported. The associated samples are impacted: MW8DD-033023 (480-207370-1), MW8D-033023 (480-207370-2) and TRIP BLANK (480-207370-3).

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 sample was diluted to bring the concentration of target analytes within the calibration range: MW10D 032923 (480-207354-10). 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: MW6D 032823 (480-207354-1), MW1S 032823 (480-207354-2), MW1D 032823 (480-207354-3), MW6S 032823 (480-207354-4), MW5D 032823 (480-207354-5), MW6DD 032823 (480-207354-6), MW4S 032823 (480-207354-7), MW5S 032823 (480-207354-8), MW4D 032923 (480-207354-9), MW7D 032923 (480-207354-11), MW10S 032923 (480-207354-12), MW7S 032923 (480-207354-13), MW8S 032923 (480-207354-14), MW7DD 032923 (480-207354-15), DUP 032923 (480-207354-16), MW8DD-033023 (480-207370-1) and MW8D-033023 (480-207370-2). 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: MW6D 032823 (480-207354-1), MW1S 032823 (480-207354-2), MW1D 032823 (480-207354-3), MW6S 032823 (480-207354-4), MW5D 032823 (480-207354-5), MW6DD 032823 (480-207354-6), (480-207354-C-5 DU) and (480-207354-C-5 MS).

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: MW6DD 032823 (480-207354-6).

Method Nitrate by calc: 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: MW6D 032823 (480-207354-1), MW1S 032823 (480-207354-2), MW1D 032823 (480-207354-3), MW6S 032823 (480-207354-4), MW5D 032823 (480-207354-5) and MW6DD 032823 (480-207354-6).

Method SM 4500 S2 F: The matrix spike / matrix spike duplicate (MS/MSD) precision for analytical batch 480-663585 was outside control limits. Sample matrix interference is suspected.

Case Narrative

Client: Ramboll US Corporation
Project/Site: Forest Glen Monitoring

Job ID: 480-207354-1
SDG: 480-207354-1

Job ID: 480-207354-1 (Continued)

Laboratory: Eurofins Buffalo (Continued)

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

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Detection Summary

Client: Ramboll US Corporation
Project/Site: Forest Glen Monitoring

Job ID: 480-207354-1
SDG: 480-207354-1

Client Sample ID: MW6D 032823

Lab Sample ID: 480-207354-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	0.59	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	1.8		1.0	0.90	ug/L	1		8260C	Total/NA
Chloride	117		2.5	1.4	mg/L	5		300.0	Total/NA
Sulfate	178		10.0	1.7	mg/L	5		300.0	Total/NA
Alkalinity, Bicarbonate	332		50.0	20.0	mg/L	5		310.2_ASP	Total/NA
Dissolved Organic Carbon - Duplicate	4.0		1.0	0.43	mg/L	1		SM 5310C	Dissolved

Client Sample ID: MW1S 032823

Lab Sample ID: 480-207354-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	1190		10.0	5.6	mg/L	20		300.0	Total/NA
Sulfate	231		40.0	7.0	mg/L	20		300.0	Total/NA
Alkalinity, Bicarbonate	397		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: MW1D 032823

Lab Sample ID: 480-207354-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methyl tert-butyl ether	0.22	J	1.0	0.16	ug/L	1		8260C	Total/NA
Chloride	579		5.0	2.8	mg/L	10		300.0	Total/NA
Sulfate	203		20.0	3.5	mg/L	10		300.0	Total/NA
Alkalinity, Bicarbonate	387		50.0	20.0	mg/L	5		310.2_ASP	Total/NA
Dissolved Organic Carbon - Duplicate	3.3		1.0	0.43	mg/L	1		SM 5310C	Dissolved

Client Sample ID: MW6S 032823

Lab Sample ID: 480-207354-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	0.58	J	1.0	0.38	ug/L	1		8260C	Total/NA
cis-1,2-Dichloroethene	17		1.0	0.81	ug/L	1		8260C	Total/NA
Vinyl chloride	22		1.0	0.90	ug/L	1		8260C	Total/NA
Chloride	59.6		2.5	1.4	mg/L	5		300.0	Total/NA
Sulfate	160		10.0	1.7	mg/L	5		300.0	Total/NA
Alkalinity, Bicarbonate	384		50.0	20.0	mg/L	5		310.2_ASP	Total/NA
Dissolved Organic Carbon - Duplicate	4.0		1.0	0.43	mg/L	1		SM 5310C	Dissolved

Client Sample ID: MW5D 032823

Lab Sample ID: 480-207354-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methyl tert-butyl ether	0.30	J	1.0	0.16	ug/L	1		8260C	Total/NA
Chloride	209		2.5	1.4	mg/L	5		300.0	Total/NA
Sulfate	192		10.0	1.7	mg/L	5		300.0	Total/NA
Alkalinity, Bicarbonate	384		50.0	20.0	mg/L	5		310.2_ASP	Total/NA
Dissolved Organic Carbon - Duplicate	3.5		1.0	0.43	mg/L	1		SM 5310C	Dissolved

Client Sample ID: MW6DD 032823

Lab Sample ID: 480-207354-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	13		1.0	0.81	ug/L	1		8260C	Total/NA
Vinyl chloride	1.3		1.0	0.90	ug/L	1		8260C	Total/NA
Chloride	116		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	274		50.0	20.0	mg/L	5		310.2_ASP	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins Buffalo

Detection Summary

Client: Ramboll US Corporation
Project/Site: Forest Glen Monitoring

Job ID: 480-207354-1
SDG: 480-207354-1

Client Sample ID: MW6DD 032823 (Continued)

Lab Sample ID: 480-207354-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Nitrate as N	0.090	H	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: MW4S 032823

Lab Sample ID: 480-207354-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	49.2		2.5	1.4	mg/L	5		300.0	Total/NA
Sulfate	594		10.0	1.7	mg/L	5		300.0	Total/NA
Alkalinity, Bicarbonate	456		50.0	20.0	mg/L	5		310.2_ASP	Total/NA
Nitrate as N	0.13		0.050	0.020	mg/L	1	✱	353.2	Total/NA
Nitrite as N	0.022	J B	0.050	0.020	mg/L	1		353.2	Total/NA
Dissolved Organic Carbon - Duplicate	3.2		1.0	0.43	mg/L	1		SM 5310C	Dissolved

Client Sample ID: MW5S 032823

Lab Sample ID: 480-207354-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	280		2.5	1.4	mg/L	5		300.0	Total/NA
Sulfate	68.2		10.0	1.7	mg/L	5		300.0	Total/NA
Alkalinity, Bicarbonate	201		50.0	20.0	mg/L	5		310.2_ASP	Total/NA
Nitrate as N	0.032	J	0.050	0.020	mg/L	1	✱	353.2	Total/NA
Dissolved Organic Carbon - Duplicate	2.9		1.0	0.43	mg/L	1		SM 5310C	Dissolved

Client Sample ID: MW4D 032923

Lab Sample ID: 480-207354-9

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
Chloride	302		2.5	1.4	mg/L	5		300.0	Total/NA
Sulfate	268		10.0	1.7	mg/L	5		300.0	Total/NA
Alkalinity, Bicarbonate	356		50.0	20.0	mg/L	5		310.2_ASP	Total/NA
Sulfide	0.80	J	1.0	0.67	mg/L	1		SM 4500 S2 F	Total/NA
Dissolved Organic Carbon - Duplicate	3.3		1.0	0.43	mg/L	1		SM 5310C	Dissolved

Client Sample ID: MW10D 032923

Lab Sample ID: 480-207354-10

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	340		2.5	1.4	mg/L	5		300.0	Total/NA
Sulfate	222		10.0	1.7	mg/L	5		300.0	Total/NA
Alkalinity, Bicarbonate	318		50.0	20.0	mg/L	5		310.2_ASP	Total/NA
Dissolved Organic Carbon - Duplicate	3.2		1.0	0.43	mg/L	1		SM 5310C	Dissolved

Client Sample ID: MW7D 032923

Lab Sample ID: 480-207354-11

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	9.9		1.0	0.56	mg/L	2		300.0	Total/NA
Sulfate	45.1		4.0	0.70	mg/L	2		300.0	Total/NA
Alkalinity, Bicarbonate	245		50.0	20.0	mg/L	5		310.2_ASP	Total/NA
Nitrate as N	0.71		0.050	0.020	mg/L	1	✱	353.2	Total/NA
Dissolved Organic Carbon - Duplicate	6.0		1.0	0.43	mg/L	1		SM 5310C	Dissolved

Client Sample ID: MW10S 032923

Lab Sample ID: 480-207354-12

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	341		2.5	1.4	mg/L	5		300.0	Total/NA
Sulfate	221		10.0	1.7	mg/L	5		300.0	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins Buffalo

Detection Summary

Client: Ramboll US Corporation
Project/Site: Forest Glen Monitoring

Job ID: 480-207354-1
SDG: 480-207354-1

Client Sample ID: MW10S 032923 (Continued)

Lab Sample ID: 480-207354-12

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Alkalinity, Bicarbonate	328		50.0	20.0	mg/L	5		310.2_ASP	Total/NA
Dissolved Organic Carbon - Duplicate	3.7		1.0	0.43	mg/L	1		SM 5310C	Dissolved

Client Sample ID: MW7S 032923

Lab Sample ID: 480-207354-13

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Trichloroethene	0.60	J	1.0	0.46	ug/L	1		8260C	Total/NA
Chloride	25.5		1.0	0.56	mg/L	2		300.0	Total/NA
Sulfate	71.5		4.0	0.70	mg/L	2		300.0	Total/NA
Alkalinity, Bicarbonate	283		50.0	20.0	mg/L	5		310.2_ASP	Total/NA
Nitrate as N	1.1		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

Client Sample ID: MW8S 032923

Lab Sample ID: 480-207354-14

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	1.7		1.0	0.81	ug/L	1		8260C	Total/NA
Tetrachloroethene	0.38	J	1.0	0.36	ug/L	1		8260C	Total/NA
Trichloroethene	1.9		1.0	0.46	ug/L	1		8260C	Total/NA
Chloride	6.1		1.0	0.56	mg/L	2		300.0	Total/NA
Sulfate	45.2		4.0	0.70	mg/L	2		300.0	Total/NA
Alkalinity, Bicarbonate	217		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	1.7		1.0	0.43	mg/L	1		SM 5310C	Dissolved

Client Sample ID: MW7DD 032923

Lab Sample ID: 480-207354-15

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	41.8		2.5	1.4	mg/L	5		300.0	Total/NA
Sulfate	310		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	0.14		0.050	0.020	mg/L	1	✱	353.2	Total/NA
Dissolved Organic Carbon - Duplicate	3.8		1.0	0.43	mg/L	1		SM 5310C	Dissolved

Client Sample ID: DUP 032923

Lab Sample ID: 480-207354-16

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methyl tert-butyl ether	0.33	J	1.0	0.16	ug/L	1		8260C	Total/NA
Chloride	301		2.5	1.4	mg/L	5		300.0	Total/NA
Sulfate	270		10.0	1.7	mg/L	5		300.0	Total/NA
Alkalinity, Bicarbonate	368		50.0	20.0	mg/L	5		310.2_ASP	Total/NA
Dissolved Organic Carbon - Duplicate	3.2		1.0	0.43	mg/L	1		SM 5310C	Dissolved

Client Sample ID: TRIP BLANK

Lab Sample ID: 480-207354-17

No Detections.

Client Sample ID: MW8DD-033023

Lab Sample ID: 480-207370-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	50.3		1.0	0.56	mg/L	2		300.0	Total/NA
Sulfate	129		4.0	0.70	mg/L	2		300.0	Total/NA
Alkalinity, Bicarbonate	255		50.0	20.0	mg/L	5		310.2_ASP	Total/NA
Nitrate as N	0.027	J	0.050	0.020	mg/L	1	✱	353.2	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins Buffalo

Detection Summary

Client: Ramboll US Corporation
Project/Site: Forest Glen Monitoring

Job ID: 480-207354-1
SDG: 480-207354-1

Client Sample ID: MW8DD-033023 (Continued)

Lab Sample ID: 480-207370-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Dissolved Organic Carbon - Duplicate	5.3		1.0	0.43	mg/L	1		SM 5310C	Dissolved

Client Sample ID: MW8D-033023

Lab Sample ID: 480-207370-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	57.9		1.0	0.56	mg/L	2		300.0	Total/NA
Sulfate	95.0		4.0	0.70	mg/L	2		300.0	Total/NA
Alkalinity, Bicarbonate	318		50.0	20.0	mg/L	5		310.2_ASP	Total/NA
Nitrate as N	0.027	J	0.050	0.020	mg/L	1	⚙	353.2	Total/NA
Dissolved Organic Carbon - Duplicate	3.9		1.0	0.43	mg/L	1		SM 5310C	Dissolved

Client Sample ID: TRIP BLANK

Lab Sample ID: 480-207370-3

No Detections.

This Detection Summary does not include radiochemical test results.

Eurofins Buffalo

Client Sample Results

Client: Ramboll US Corporation
Project/Site: Forest Glen Monitoring

Job ID: 480-207354-1
SDG: 480-207354-1

Client Sample ID: MW6D 032823

Lab Sample ID: 480-207354-1

Date Collected: 03/28/23 09:20

Matrix: Water

Date Received: 03/29/23 17:02

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			03/30/23 13:47	1
1,1,1,2-Tetrachloroethane	ND		1.0	0.21	ug/L			03/30/23 13:47	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			03/30/23 13:47	1
1,1,2-Trichlorotrifluoroethane	ND		1.0	0.31	ug/L			03/30/23 13:47	1
1,1-Dichloroethane	0.59	J	1.0	0.38	ug/L			03/30/23 13:47	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			03/30/23 13:47	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			03/30/23 13:47	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			03/30/23 13:47	1
1,2-Dibromoethane (EDB)	ND		1.0	0.73	ug/L			03/30/23 13:47	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			03/30/23 13:47	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			03/30/23 13:47	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			03/30/23 13:47	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			03/30/23 13:47	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			03/30/23 13:47	1
2-Hexanone	ND		5.0	1.2	ug/L			03/30/23 13:47	1
2-Butanone (MEK)	ND		10	1.3	ug/L			03/30/23 13:47	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			03/30/23 13:47	1
Acetone	ND		10	3.0	ug/L			03/30/23 13:47	1
Benzene	ND		1.0	0.41	ug/L			03/30/23 13:47	1
Bromodichloromethane	ND		1.0	0.39	ug/L			03/30/23 13:47	1
Bromoform	ND		1.0	0.26	ug/L			03/30/23 13:47	1
Bromomethane	ND		1.0	0.69	ug/L			03/30/23 13:47	1
Carbon disulfide	ND		1.0	0.19	ug/L			03/30/23 13:47	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			03/30/23 13:47	1
Chlorobenzene	ND		1.0	0.75	ug/L			03/30/23 13:47	1
Chlorodibromomethane	ND		1.0	0.32	ug/L			03/30/23 13:47	1
Chloroethane	ND		1.0	0.32	ug/L			03/30/23 13:47	1
Chloroform	ND		1.0	0.34	ug/L			03/30/23 13:47	1
Chloromethane	ND		1.0	0.35	ug/L			03/30/23 13:47	1
cis-1,2-Dichloroethene	1.2		1.0	0.81	ug/L			03/30/23 13:47	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			03/30/23 13:47	1
Cyclohexane	ND		1.0	0.18	ug/L			03/30/23 13:47	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			03/30/23 13:47	1
Ethylbenzene	ND		1.0	0.74	ug/L			03/30/23 13:47	1
Isopropylbenzene	ND		1.0	0.79	ug/L			03/30/23 13:47	1
Methyl acetate	ND		1.3	1.3	ug/L			03/30/23 13:47	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			03/30/23 13:47	1
Methylcyclohexane	ND		1.0	0.16	ug/L			03/30/23 13:47	1
Methylene Chloride	ND		1.0	0.44	ug/L			03/30/23 13:47	1
Styrene	ND		1.0	0.73	ug/L			03/30/23 13:47	1
Tetrachloroethene	ND		1.0	0.36	ug/L			03/30/23 13:47	1
Toluene	ND		1.0	0.51	ug/L			03/30/23 13:47	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			03/30/23 13:47	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			03/30/23 13:47	1
Trichloroethene	ND		1.0	0.46	ug/L			03/30/23 13:47	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			03/30/23 13:47	1
Vinyl chloride	1.8		1.0	0.90	ug/L			03/30/23 13:47	1
Xylenes, Total	ND		2.0	0.66	ug/L			03/30/23 13:47	1

Euofins Buffalo

Client Sample Results

Client: Ramboll US Corporation
Project/Site: Forest Glen Monitoring

Job ID: 480-207354-1
SDG: 480-207354-1

Client Sample ID: MW6D 032823

Lab Sample ID: 480-207354-1

Date Collected: 03/28/23 09:20

Matrix: Water

Date Received: 03/29/23 17:02

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	97		77 - 120		03/30/23 13:47	1
Toluene-d8 (Surr)	97		80 - 120		03/30/23 13:47	1
4-Bromofluorobenzene (Surr)	96		73 - 120		03/30/23 13:47	1
Dibromofluoromethane (Surr)	100		75 - 123		03/30/23 13:47	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride (EPA 300.0)	117		2.5	1.4	mg/L			04/10/23 21:14	5
Sulfate (EPA 300.0)	178		10.0	1.7	mg/L			04/10/23 21:14	5
Alkalinity, Bicarbonate (MCAWW 310.2_ASP)	332		50.0	20.0	mg/L			03/31/23 11:05	5
Nitrate as N (EPA 353.2)	ND	H	0.050	0.020	mg/L	☼		03/30/23 13:43	1
Nitrite as N (EPA 353.2)	ND	H	0.050	0.020	mg/L			03/30/23 13:43	1
Sulfide (SM 4500 S2 F)	ND		1.0	0.67	mg/L			04/04/23 09:00	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dissolved Organic Carbon - Duplicate (SM 5310C)	4.0		1.0	0.43	mg/L			04/05/23 05:25	1

Client Sample Results

Client: Ramboll US Corporation
Project/Site: Forest Glen Monitoring

Job ID: 480-207354-1
SDG: 480-207354-1

Client Sample ID: MW1S 032823

Lab Sample ID: 480-207354-2

Date Collected: 03/28/23 09:27

Matrix: Water

Date Received: 03/29/23 17:02

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			03/30/23 14:10	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			03/30/23 14:10	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			03/30/23 14:10	1
1,1,2-Trichlorotrifluoroethane	ND		1.0	0.31	ug/L			03/30/23 14:10	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			03/30/23 14:10	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			03/30/23 14:10	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			03/30/23 14:10	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			03/30/23 14:10	1
1,2-Dibromoethane (EDB)	ND		1.0	0.73	ug/L			03/30/23 14:10	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			03/30/23 14:10	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			03/30/23 14:10	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			03/30/23 14:10	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			03/30/23 14:10	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			03/30/23 14:10	1
2-Hexanone	ND		5.0	1.2	ug/L			03/30/23 14:10	1
2-Butanone (MEK)	ND		10	1.3	ug/L			03/30/23 14:10	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			03/30/23 14:10	1
Acetone	ND		10	3.0	ug/L			03/30/23 14:10	1
Benzene	ND		1.0	0.41	ug/L			03/30/23 14:10	1
Bromodichloromethane	ND		1.0	0.39	ug/L			03/30/23 14:10	1
Bromoform	ND		1.0	0.26	ug/L			03/30/23 14:10	1
Bromomethane	ND		1.0	0.69	ug/L			03/30/23 14:10	1
Carbon disulfide	ND		1.0	0.19	ug/L			03/30/23 14:10	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			03/30/23 14:10	1
Chlorobenzene	ND		1.0	0.75	ug/L			03/30/23 14:10	1
Chlorodibromomethane	ND		1.0	0.32	ug/L			03/30/23 14:10	1
Chloroethane	ND		1.0	0.32	ug/L			03/30/23 14:10	1
Chloroform	ND		1.0	0.34	ug/L			03/30/23 14:10	1
Chloromethane	ND		1.0	0.35	ug/L			03/30/23 14:10	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			03/30/23 14:10	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			03/30/23 14:10	1
Cyclohexane	ND		1.0	0.18	ug/L			03/30/23 14:10	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			03/30/23 14:10	1
Ethylbenzene	ND		1.0	0.74	ug/L			03/30/23 14:10	1
Isopropylbenzene	ND		1.0	0.79	ug/L			03/30/23 14:10	1
Methyl acetate	ND		1.3	1.3	ug/L			03/30/23 14:10	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			03/30/23 14:10	1
Methylcyclohexane	ND		1.0	0.16	ug/L			03/30/23 14:10	1
Methylene Chloride	ND		1.0	0.44	ug/L			03/30/23 14:10	1
Styrene	ND		1.0	0.73	ug/L			03/30/23 14:10	1
Tetrachloroethene	ND		1.0	0.36	ug/L			03/30/23 14:10	1
Toluene	ND		1.0	0.51	ug/L			03/30/23 14:10	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			03/30/23 14:10	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			03/30/23 14:10	1
Trichloroethene	ND		1.0	0.46	ug/L			03/30/23 14:10	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			03/30/23 14:10	1
Vinyl chloride	ND		1.0	0.90	ug/L			03/30/23 14:10	1
Xylenes, Total	ND		2.0	0.66	ug/L			03/30/23 14:10	1

Euofins Buffalo

Client Sample Results

Client: Ramboll US Corporation
Project/Site: Forest Glen Monitoring

Job ID: 480-207354-1
SDG: 480-207354-1

Client Sample ID: MW1S 032823

Lab Sample ID: 480-207354-2

Date Collected: 03/28/23 09:27

Matrix: Water

Date Received: 03/29/23 17:02

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	98		77 - 120		03/30/23 14:10	1
Toluene-d8 (Surr)	96		80 - 120		03/30/23 14:10	1
4-Bromofluorobenzene (Surr)	97		73 - 120		03/30/23 14:10	1
Dibromofluoromethane (Surr)	99		75 - 123		03/30/23 14:10	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride (EPA 300.0)	1190		10.0	5.6	mg/L			04/10/23 21:33	20
Sulfate (EPA 300.0)	231		40.0	7.0	mg/L			04/10/23 21:33	20
Alkalinity, Bicarbonate (MCAWW 310.2_ASP)	397		50.0	20.0	mg/L			03/31/23 11:07	5
Nitrate as N (EPA 353.2)	ND	H	0.050	0.020	mg/L	☼		03/30/23 13:44	1
Nitrite as N (EPA 353.2)	ND	H	0.050	0.020	mg/L			03/30/23 13:44	1
Sulfide (SM 4500 S2 F)	ND		1.0	0.67	mg/L			04/04/23 09:00	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dissolved Organic Carbon - Duplicate (SM 5310C)	3.8		1.0	0.43	mg/L			04/05/23 05:55	1

Client Sample Results

Client: Ramboll US Corporation
Project/Site: Forest Glen Monitoring

Job ID: 480-207354-1
SDG: 480-207354-1

Client Sample ID: MW1D 032823

Lab Sample ID: 480-207354-3

Date Collected: 03/28/23 10:42

Matrix: Water

Date Received: 03/29/23 17:02

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			03/30/23 14:33	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			03/30/23 14:33	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			03/30/23 14:33	1
1,1,2-Trichlorotrifluoroethane	ND		1.0	0.31	ug/L			03/30/23 14:33	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			03/30/23 14:33	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			03/30/23 14:33	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			03/30/23 14:33	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			03/30/23 14:33	1
1,2-Dibromoethane (EDB)	ND		1.0	0.73	ug/L			03/30/23 14:33	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			03/30/23 14:33	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			03/30/23 14:33	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			03/30/23 14:33	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			03/30/23 14:33	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			03/30/23 14:33	1
2-Hexanone	ND		5.0	1.2	ug/L			03/30/23 14:33	1
2-Butanone (MEK)	ND		10	1.3	ug/L			03/30/23 14:33	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			03/30/23 14:33	1
Acetone	ND		10	3.0	ug/L			03/30/23 14:33	1
Benzene	ND		1.0	0.41	ug/L			03/30/23 14:33	1
Bromodichloromethane	ND		1.0	0.39	ug/L			03/30/23 14:33	1
Bromoform	ND		1.0	0.26	ug/L			03/30/23 14:33	1
Bromomethane	ND		1.0	0.69	ug/L			03/30/23 14:33	1
Carbon disulfide	ND		1.0	0.19	ug/L			03/30/23 14:33	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			03/30/23 14:33	1
Chlorobenzene	ND		1.0	0.75	ug/L			03/30/23 14:33	1
Chlorodibromomethane	ND		1.0	0.32	ug/L			03/30/23 14:33	1
Chloroethane	ND		1.0	0.32	ug/L			03/30/23 14:33	1
Chloroform	ND		1.0	0.34	ug/L			03/30/23 14:33	1
Chloromethane	ND		1.0	0.35	ug/L			03/30/23 14:33	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			03/30/23 14:33	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			03/30/23 14:33	1
Cyclohexane	ND		1.0	0.18	ug/L			03/30/23 14:33	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			03/30/23 14:33	1
Ethylbenzene	ND		1.0	0.74	ug/L			03/30/23 14:33	1
Isopropylbenzene	ND		1.0	0.79	ug/L			03/30/23 14:33	1
Methyl acetate	ND		1.3	1.3	ug/L			03/30/23 14:33	1
Methyl tert-butyl ether	0.22	J	1.0	0.16	ug/L			03/30/23 14:33	1
Methylcyclohexane	ND		1.0	0.16	ug/L			03/30/23 14:33	1
Methylene Chloride	ND		1.0	0.44	ug/L			03/30/23 14:33	1
Styrene	ND		1.0	0.73	ug/L			03/30/23 14:33	1
Tetrachloroethene	ND		1.0	0.36	ug/L			03/30/23 14:33	1
Toluene	ND		1.0	0.51	ug/L			03/30/23 14:33	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			03/30/23 14:33	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			03/30/23 14:33	1
Trichloroethene	ND		1.0	0.46	ug/L			03/30/23 14:33	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			03/30/23 14:33	1
Vinyl chloride	ND		1.0	0.90	ug/L			03/30/23 14:33	1
Xylenes, Total	ND		2.0	0.66	ug/L			03/30/23 14:33	1

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Client Sample Results

Client: Ramboll US Corporation
Project/Site: Forest Glen Monitoring

Job ID: 480-207354-1
SDG: 480-207354-1

Client Sample ID: MW1D 032823

Lab Sample ID: 480-207354-3

Date Collected: 03/28/23 10:42

Matrix: Water

Date Received: 03/29/23 17:02

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	98		77 - 120		03/30/23 14:33	1
Toluene-d8 (Surr)	97		80 - 120		03/30/23 14:33	1
4-Bromofluorobenzene (Surr)	99		73 - 120		03/30/23 14:33	1
Dibromofluoromethane (Surr)	95		75 - 123		03/30/23 14:33	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride (EPA 300.0)	579		5.0	2.8	mg/L			04/10/23 23:26	10
Sulfate (EPA 300.0)	203		20.0	3.5	mg/L			04/10/23 23:26	10
Alkalinity, Bicarbonate (MCAWW 310.2_ASP)	387		50.0	20.0	mg/L			03/31/23 11:10	5
Nitrate as N (EPA 353.2)	ND	H	0.050	0.020	mg/L	☼		03/30/23 13:46	1
Nitrite as N (EPA 353.2)	ND	H	0.050	0.020	mg/L			03/30/23 13:46	1
Sulfide (SM 4500 S2 F)	ND		1.0	0.67	mg/L			04/04/23 09:00	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dissolved Organic Carbon - Duplicate (SM 5310C)	3.3		1.0	0.43	mg/L			04/05/23 06:24	1

Client Sample Results

Client: Ramboll US Corporation
Project/Site: Forest Glen Monitoring

Job ID: 480-207354-1
SDG: 480-207354-1

Client Sample ID: MW6S 032823

Lab Sample ID: 480-207354-4

Date Collected: 03/28/23 11:30

Matrix: Water

Date Received: 03/29/23 17:02

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			03/30/23 14:56	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			03/30/23 14:56	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			03/30/23 14:56	1
1,1,2-Trichlorotrifluoroethane	ND		1.0	0.31	ug/L			03/30/23 14:56	1
1,1-Dichloroethane	0.58	J	1.0	0.38	ug/L			03/30/23 14:56	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			03/30/23 14:56	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			03/30/23 14:56	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			03/30/23 14:56	1
1,2-Dibromoethane (EDB)	ND		1.0	0.73	ug/L			03/30/23 14:56	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			03/30/23 14:56	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			03/30/23 14:56	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			03/30/23 14:56	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			03/30/23 14:56	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			03/30/23 14:56	1
2-Hexanone	ND		5.0	1.2	ug/L			03/30/23 14:56	1
2-Butanone (MEK)	ND		10	1.3	ug/L			03/30/23 14:56	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			03/30/23 14:56	1
Acetone	ND		10	3.0	ug/L			03/30/23 14:56	1
Benzene	ND		1.0	0.41	ug/L			03/30/23 14:56	1
Bromodichloromethane	ND		1.0	0.39	ug/L			03/30/23 14:56	1
Bromoform	ND		1.0	0.26	ug/L			03/30/23 14:56	1
Bromomethane	ND		1.0	0.69	ug/L			03/30/23 14:56	1
Carbon disulfide	ND		1.0	0.19	ug/L			03/30/23 14:56	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			03/30/23 14:56	1
Chlorobenzene	ND		1.0	0.75	ug/L			03/30/23 14:56	1
Chlorodibromomethane	ND		1.0	0.32	ug/L			03/30/23 14:56	1
Chloroethane	ND		1.0	0.32	ug/L			03/30/23 14:56	1
Chloroform	ND		1.0	0.34	ug/L			03/30/23 14:56	1
Chloromethane	ND		1.0	0.35	ug/L			03/30/23 14:56	1
cis-1,2-Dichloroethene	17		1.0	0.81	ug/L			03/30/23 14:56	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			03/30/23 14:56	1
Cyclohexane	ND		1.0	0.18	ug/L			03/30/23 14:56	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			03/30/23 14:56	1
Ethylbenzene	ND		1.0	0.74	ug/L			03/30/23 14:56	1
Isopropylbenzene	ND		1.0	0.79	ug/L			03/30/23 14:56	1
Methyl acetate	ND		1.3	1.3	ug/L			03/30/23 14:56	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			03/30/23 14:56	1
Methylcyclohexane	ND		1.0	0.16	ug/L			03/30/23 14:56	1
Methylene Chloride	ND		1.0	0.44	ug/L			03/30/23 14:56	1
Styrene	ND		1.0	0.73	ug/L			03/30/23 14:56	1
Tetrachloroethene	ND		1.0	0.36	ug/L			03/30/23 14:56	1
Toluene	ND		1.0	0.51	ug/L			03/30/23 14:56	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			03/30/23 14:56	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			03/30/23 14:56	1
Trichloroethene	ND		1.0	0.46	ug/L			03/30/23 14:56	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			03/30/23 14:56	1
Vinyl chloride	22		1.0	0.90	ug/L			03/30/23 14:56	1
Xylenes, Total	ND		2.0	0.66	ug/L			03/30/23 14:56	1

Euofins Buffalo

Client Sample Results

Client: Ramboll US Corporation
Project/Site: Forest Glen Monitoring

Job ID: 480-207354-1
SDG: 480-207354-1

Client Sample ID: MW6S 032823

Lab Sample ID: 480-207354-4

Date Collected: 03/28/23 11:30

Matrix: Water

Date Received: 03/29/23 17:02

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	101		77 - 120		03/30/23 14:56	1
Toluene-d8 (Surr)	96		80 - 120		03/30/23 14:56	1
4-Bromofluorobenzene (Surr)	102		73 - 120		03/30/23 14:56	1
Dibromofluoromethane (Surr)	99		75 - 123		03/30/23 14:56	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride (EPA 300.0)	59.6		2.5	1.4	mg/L			04/10/23 23:45	5
Sulfate (EPA 300.0)	160		10.0	1.7	mg/L			04/10/23 23:45	5
Alkalinity, Bicarbonate (MCAWW 310.2_ASP)	384		50.0	20.0	mg/L			03/31/23 11:47	5
Nitrate as N (EPA 353.2)	ND	H	0.050	0.020	mg/L	☼		03/30/23 13:47	1
Nitrite as N (EPA 353.2)	ND	H	0.050	0.020	mg/L			03/30/23 13:47	1
Sulfide (SM 4500 S2 F)	ND		1.0	0.67	mg/L			04/04/23 09:00	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dissolved Organic Carbon - Duplicate (SM 5310C)	4.0		1.0	0.43	mg/L			04/05/23 08:49	1

Client Sample Results

Client: Ramboll US Corporation
Project/Site: Forest Glen Monitoring

Job ID: 480-207354-1
SDG: 480-207354-1

Client Sample ID: MW5D 032823

Lab Sample ID: 480-207354-5

Date Collected: 03/28/23 12:53

Matrix: Water

Date Received: 03/29/23 17:02

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			03/30/23 15:19	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			03/30/23 15:19	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			03/30/23 15:19	1
1,1,2-Trichlorotrifluoroethane	ND		1.0	0.31	ug/L			03/30/23 15:19	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			03/30/23 15:19	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			03/30/23 15:19	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			03/30/23 15:19	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			03/30/23 15:19	1
1,2-Dibromoethane (EDB)	ND		1.0	0.73	ug/L			03/30/23 15:19	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			03/30/23 15:19	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			03/30/23 15:19	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			03/30/23 15:19	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			03/30/23 15:19	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			03/30/23 15:19	1
2-Hexanone	ND		5.0	1.2	ug/L			03/30/23 15:19	1
2-Butanone (MEK)	ND		10	1.3	ug/L			03/30/23 15:19	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			03/30/23 15:19	1
Acetone	ND		10	3.0	ug/L			03/30/23 15:19	1
Benzene	ND		1.0	0.41	ug/L			03/30/23 15:19	1
Bromodichloromethane	ND		1.0	0.39	ug/L			03/30/23 15:19	1
Bromoform	ND		1.0	0.26	ug/L			03/30/23 15:19	1
Bromomethane	ND		1.0	0.69	ug/L			03/30/23 15:19	1
Carbon disulfide	ND		1.0	0.19	ug/L			03/30/23 15:19	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			03/30/23 15:19	1
Chlorobenzene	ND		1.0	0.75	ug/L			03/30/23 15:19	1
Chlorodibromomethane	ND		1.0	0.32	ug/L			03/30/23 15:19	1
Chloroethane	ND		1.0	0.32	ug/L			03/30/23 15:19	1
Chloroform	ND		1.0	0.34	ug/L			03/30/23 15:19	1
Chloromethane	ND		1.0	0.35	ug/L			03/30/23 15:19	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			03/30/23 15:19	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			03/30/23 15:19	1
Cyclohexane	ND		1.0	0.18	ug/L			03/30/23 15:19	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			03/30/23 15:19	1
Ethylbenzene	ND		1.0	0.74	ug/L			03/30/23 15:19	1
Isopropylbenzene	ND		1.0	0.79	ug/L			03/30/23 15:19	1
Methyl acetate	ND		1.3	1.3	ug/L			03/30/23 15:19	1
Methyl tert-butyl ether	0.30	J	1.0	0.16	ug/L			03/30/23 15:19	1
Methylcyclohexane	ND		1.0	0.16	ug/L			03/30/23 15:19	1
Methylene Chloride	ND		1.0	0.44	ug/L			03/30/23 15:19	1
Styrene	ND		1.0	0.73	ug/L			03/30/23 15:19	1
Tetrachloroethene	ND		1.0	0.36	ug/L			03/30/23 15:19	1
Toluene	ND		1.0	0.51	ug/L			03/30/23 15:19	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			03/30/23 15:19	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			03/30/23 15:19	1
Trichloroethene	ND		1.0	0.46	ug/L			03/30/23 15:19	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			03/30/23 15:19	1
Vinyl chloride	ND		1.0	0.90	ug/L			03/30/23 15:19	1
Xylenes, Total	ND		2.0	0.66	ug/L			03/30/23 15:19	1

Euofins Buffalo

Client Sample Results

Client: Ramboll US Corporation
Project/Site: Forest Glen Monitoring

Job ID: 480-207354-1
SDG: 480-207354-1

Client Sample ID: MW5D 032823

Lab Sample ID: 480-207354-5

Date Collected: 03/28/23 12:53

Matrix: Water

Date Received: 03/29/23 17:02

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	101		77 - 120		03/30/23 15:19	1
Toluene-d8 (Surr)	97		80 - 120		03/30/23 15:19	1
4-Bromofluorobenzene (Surr)	99		73 - 120		03/30/23 15:19	1
Dibromofluoromethane (Surr)	98		75 - 123		03/30/23 15:19	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride (EPA 300.0)	209		2.5	1.4	mg/L			04/11/23 00:04	5
Sulfate (EPA 300.0)	192		10.0	1.7	mg/L			04/11/23 00:04	5
Alkalinity, Bicarbonate (MCAWW 310.2_ASP)	384		50.0	20.0	mg/L			03/31/23 11:47	5
Nitrate as N (EPA 353.2)	ND	H	0.050	0.020	mg/L	☼		03/30/23 13:54	1
Nitrite as N (EPA 353.2)	ND	H	0.050	0.020	mg/L			03/30/23 13:54	1
Sulfide (SM 4500 S2 F)	ND		1.0	0.67	mg/L			04/04/23 09:00	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dissolved Organic Carbon - Duplicate (SM 5310C)	3.5		1.0	0.43	mg/L			04/05/23 09:19	1

Client Sample Results

Client: Ramboll US Corporation
Project/Site: Forest Glen Monitoring

Job ID: 480-207354-1
SDG: 480-207354-1

Client Sample ID: MW6DD 032823

Lab Sample ID: 480-207354-6

Date Collected: 03/28/23 13:20

Matrix: Water

Date Received: 03/29/23 17:02

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			03/30/23 15:42	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			03/30/23 15:42	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			03/30/23 15:42	1
1,1,2-Trichlorotrifluoroethane	ND		1.0	0.31	ug/L			03/30/23 15:42	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			03/30/23 15:42	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			03/30/23 15:42	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			03/30/23 15:42	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			03/30/23 15:42	1
1,2-Dibromoethane (EDB)	ND		1.0	0.73	ug/L			03/30/23 15:42	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			03/30/23 15:42	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			03/30/23 15:42	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			03/30/23 15:42	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			03/30/23 15:42	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			03/30/23 15:42	1
2-Hexanone	ND		5.0	1.2	ug/L			03/30/23 15:42	1
2-Butanone (MEK)	ND		10	1.3	ug/L			03/30/23 15:42	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			03/30/23 15:42	1
Acetone	ND		10	3.0	ug/L			03/30/23 15:42	1
Benzene	ND		1.0	0.41	ug/L			03/30/23 15:42	1
Bromodichloromethane	ND		1.0	0.39	ug/L			03/30/23 15:42	1
Bromoform	ND		1.0	0.26	ug/L			03/30/23 15:42	1
Bromomethane	ND		1.0	0.69	ug/L			03/30/23 15:42	1
Carbon disulfide	ND		1.0	0.19	ug/L			03/30/23 15:42	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			03/30/23 15:42	1
Chlorobenzene	ND		1.0	0.75	ug/L			03/30/23 15:42	1
Chlorodibromomethane	ND		1.0	0.32	ug/L			03/30/23 15:42	1
Chloroethane	ND		1.0	0.32	ug/L			03/30/23 15:42	1
Chloroform	ND		1.0	0.34	ug/L			03/30/23 15:42	1
Chloromethane	ND		1.0	0.35	ug/L			03/30/23 15:42	1
cis-1,2-Dichloroethene	13		1.0	0.81	ug/L			03/30/23 15:42	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			03/30/23 15:42	1
Cyclohexane	ND		1.0	0.18	ug/L			03/30/23 15:42	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			03/30/23 15:42	1
Ethylbenzene	ND		1.0	0.74	ug/L			03/30/23 15:42	1
Isopropylbenzene	ND		1.0	0.79	ug/L			03/30/23 15:42	1
Methyl acetate	ND		1.3	1.3	ug/L			03/30/23 15:42	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			03/30/23 15:42	1
Methylcyclohexane	ND		1.0	0.16	ug/L			03/30/23 15:42	1
Methylene Chloride	ND		1.0	0.44	ug/L			03/30/23 15:42	1
Styrene	ND		1.0	0.73	ug/L			03/30/23 15:42	1
Tetrachloroethene	ND		1.0	0.36	ug/L			03/30/23 15:42	1
Toluene	ND		1.0	0.51	ug/L			03/30/23 15:42	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			03/30/23 15:42	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			03/30/23 15:42	1
Trichloroethene	ND		1.0	0.46	ug/L			03/30/23 15:42	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			03/30/23 15:42	1
Vinyl chloride	1.3		1.0	0.90	ug/L			03/30/23 15:42	1
Xylenes, Total	ND		2.0	0.66	ug/L			03/30/23 15:42	1

Euofins Buffalo

Client Sample Results

Client: Ramboll US Corporation
Project/Site: Forest Glen Monitoring

Job ID: 480-207354-1
SDG: 480-207354-1

Client Sample ID: MW6DD 032823

Lab Sample ID: 480-207354-6

Date Collected: 03/28/23 13:20

Matrix: Water

Date Received: 03/29/23 17:02

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	98		77 - 120		03/30/23 15:42	1
Toluene-d8 (Surr)	95		80 - 120		03/30/23 15:42	1
4-Bromofluorobenzene (Surr)	98		73 - 120		03/30/23 15:42	1
Dibromofluoromethane (Surr)	99		75 - 123		03/30/23 15:42	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride (EPA 300.0)	116		2.5	1.4	mg/L			04/11/23 00:22	5
Sulfate (EPA 300.0)	113		10.0	1.7	mg/L			04/11/23 00:22	5
Alkalinity, Bicarbonate (MCAWW 310.2_ASP)	274		50.0	20.0	mg/L			03/31/23 11:10	5
Nitrate as N (EPA 353.2)	0.090	H	0.050	0.020	mg/L	☼		03/30/23 13:25	1
Nitrite as N (EPA 353.2)	ND	H	0.050	0.020	mg/L			03/30/23 14:30	1
Sulfide (SM 4500 S2 F)	ND		1.0	0.67	mg/L			04/04/23 09:00	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			04/05/23 09:48	1

Client Sample Results

Client: Ramboll US Corporation
Project/Site: Forest Glen Monitoring

Job ID: 480-207354-1
SDG: 480-207354-1

Client Sample ID: MW4S 032823

Lab Sample ID: 480-207354-7

Date Collected: 03/28/23 15:30

Matrix: Water

Date Received: 03/29/23 17:02

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			03/30/23 16:05	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			03/30/23 16:05	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			03/30/23 16:05	1
1,1,2-Trichlorotrifluoroethane	ND		1.0	0.31	ug/L			03/30/23 16:05	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			03/30/23 16:05	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			03/30/23 16:05	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			03/30/23 16:05	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			03/30/23 16:05	1
1,2-Dibromoethane (EDB)	ND		1.0	0.73	ug/L			03/30/23 16:05	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			03/30/23 16:05	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			03/30/23 16:05	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			03/30/23 16:05	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			03/30/23 16:05	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			03/30/23 16:05	1
2-Hexanone	ND		5.0	1.2	ug/L			03/30/23 16:05	1
2-Butanone (MEK)	ND		10	1.3	ug/L			03/30/23 16:05	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			03/30/23 16:05	1
Acetone	ND		10	3.0	ug/L			03/30/23 16:05	1
Benzene	ND		1.0	0.41	ug/L			03/30/23 16:05	1
Bromodichloromethane	ND		1.0	0.39	ug/L			03/30/23 16:05	1
Bromoform	ND		1.0	0.26	ug/L			03/30/23 16:05	1
Bromomethane	ND		1.0	0.69	ug/L			03/30/23 16:05	1
Carbon disulfide	ND		1.0	0.19	ug/L			03/30/23 16:05	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			03/30/23 16:05	1
Chlorobenzene	ND		1.0	0.75	ug/L			03/30/23 16:05	1
Chlorodibromomethane	ND		1.0	0.32	ug/L			03/30/23 16:05	1
Chloroethane	ND		1.0	0.32	ug/L			03/30/23 16:05	1
Chloroform	ND		1.0	0.34	ug/L			03/30/23 16:05	1
Chloromethane	ND		1.0	0.35	ug/L			03/30/23 16:05	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			03/30/23 16:05	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			03/30/23 16:05	1
Cyclohexane	ND		1.0	0.18	ug/L			03/30/23 16:05	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			03/30/23 16:05	1
Ethylbenzene	ND		1.0	0.74	ug/L			03/30/23 16:05	1
Isopropylbenzene	ND		1.0	0.79	ug/L			03/30/23 16:05	1
Methyl acetate	ND		1.3	1.3	ug/L			03/30/23 16:05	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			03/30/23 16:05	1
Methylcyclohexane	ND		1.0	0.16	ug/L			03/30/23 16:05	1
Methylene Chloride	ND		1.0	0.44	ug/L			03/30/23 16:05	1
Styrene	ND		1.0	0.73	ug/L			03/30/23 16:05	1
Tetrachloroethene	ND		1.0	0.36	ug/L			03/30/23 16:05	1
Toluene	ND		1.0	0.51	ug/L			03/30/23 16:05	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			03/30/23 16:05	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			03/30/23 16:05	1
Trichloroethene	ND		1.0	0.46	ug/L			03/30/23 16:05	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			03/30/23 16:05	1
Vinyl chloride	ND		1.0	0.90	ug/L			03/30/23 16:05	1
Xylenes, Total	ND		2.0	0.66	ug/L			03/30/23 16:05	1

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Client Sample Results

Client: Ramboll US Corporation
Project/Site: Forest Glen Monitoring

Job ID: 480-207354-1
SDG: 480-207354-1

Client Sample ID: MW4S 032823

Lab Sample ID: 480-207354-7

Date Collected: 03/28/23 15:30

Matrix: Water

Date Received: 03/29/23 17:02

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	101		77 - 120		03/30/23 16:05	1
Toluene-d8 (Surr)	97		80 - 120		03/30/23 16:05	1
4-Bromofluorobenzene (Surr)	100		73 - 120		03/30/23 16:05	1
Dibromofluoromethane (Surr)	100		75 - 123		03/30/23 16:05	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride (EPA 300.0)	49.2		2.5	1.4	mg/L			04/11/23 00:41	5
Sulfate (EPA 300.0)	594		10.0	1.7	mg/L			04/11/23 00:41	5
Alkalinity, Bicarbonate (MCAWW 310.2_ASP)	456		50.0	20.0	mg/L			03/31/23 11:12	5
Nitrate as N (EPA 353.2)	0.13		0.050	0.020	mg/L	☼		03/30/23 13:26	1
Nitrite as N (EPA 353.2)	0.022	J B	0.050	0.020	mg/L			03/30/23 14:30	1
Sulfide (SM 4500 S2 F)	ND		1.0	0.67	mg/L			04/04/23 09:00	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dissolved Organic Carbon - Duplicate (SM 5310C)	3.2		1.0	0.43	mg/L			04/05/23 10:46	1

Client Sample Results

Client: Ramboll US Corporation
Project/Site: Forest Glen Monitoring

Job ID: 480-207354-1
SDG: 480-207354-1

Client Sample ID: MW5S 032823

Lab Sample ID: 480-207354-8

Date Collected: 03/28/23 16:03

Matrix: Water

Date Received: 03/29/23 17:02

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			03/30/23 16:28	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			03/30/23 16:28	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			03/30/23 16:28	1
1,1,2-Trichlorotrifluoroethane	ND		1.0	0.31	ug/L			03/30/23 16:28	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			03/30/23 16:28	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			03/30/23 16:28	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			03/30/23 16:28	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			03/30/23 16:28	1
1,2-Dibromoethane (EDB)	ND		1.0	0.73	ug/L			03/30/23 16:28	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			03/30/23 16:28	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			03/30/23 16:28	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			03/30/23 16:28	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			03/30/23 16:28	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			03/30/23 16:28	1
2-Hexanone	ND		5.0	1.2	ug/L			03/30/23 16:28	1
2-Butanone (MEK)	ND		10	1.3	ug/L			03/30/23 16:28	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			03/30/23 16:28	1
Acetone	ND		10	3.0	ug/L			03/30/23 16:28	1
Benzene	ND		1.0	0.41	ug/L			03/30/23 16:28	1
Bromodichloromethane	ND		1.0	0.39	ug/L			03/30/23 16:28	1
Bromoform	ND		1.0	0.26	ug/L			03/30/23 16:28	1
Bromomethane	ND		1.0	0.69	ug/L			03/30/23 16:28	1
Carbon disulfide	ND		1.0	0.19	ug/L			03/30/23 16:28	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			03/30/23 16:28	1
Chlorobenzene	ND		1.0	0.75	ug/L			03/30/23 16:28	1
Chlorodibromomethane	ND		1.0	0.32	ug/L			03/30/23 16:28	1
Chloroethane	ND		1.0	0.32	ug/L			03/30/23 16:28	1
Chloroform	ND		1.0	0.34	ug/L			03/30/23 16:28	1
Chloromethane	ND		1.0	0.35	ug/L			03/30/23 16:28	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			03/30/23 16:28	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			03/30/23 16:28	1
Cyclohexane	ND		1.0	0.18	ug/L			03/30/23 16:28	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			03/30/23 16:28	1
Ethylbenzene	ND		1.0	0.74	ug/L			03/30/23 16:28	1
Isopropylbenzene	ND		1.0	0.79	ug/L			03/30/23 16:28	1
Methyl acetate	ND		1.3	1.3	ug/L			03/30/23 16:28	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			03/30/23 16:28	1
Methylcyclohexane	ND		1.0	0.16	ug/L			03/30/23 16:28	1
Methylene Chloride	ND		1.0	0.44	ug/L			03/30/23 16:28	1
Styrene	ND		1.0	0.73	ug/L			03/30/23 16:28	1
Tetrachloroethene	ND		1.0	0.36	ug/L			03/30/23 16:28	1
Toluene	ND		1.0	0.51	ug/L			03/30/23 16:28	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			03/30/23 16:28	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			03/30/23 16:28	1
Trichloroethene	ND		1.0	0.46	ug/L			03/30/23 16:28	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			03/30/23 16:28	1
Vinyl chloride	ND		1.0	0.90	ug/L			03/30/23 16:28	1
Xylenes, Total	ND		2.0	0.66	ug/L			03/30/23 16:28	1

Euofins Buffalo

Client Sample Results

Client: Ramboll US Corporation
Project/Site: Forest Glen Monitoring

Job ID: 480-207354-1
SDG: 480-207354-1

Client Sample ID: MW5S 032823

Lab Sample ID: 480-207354-8

Date Collected: 03/28/23 16:03

Matrix: Water

Date Received: 03/29/23 17:02

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	101		77 - 120		03/30/23 16:28	1
Toluene-d8 (Surr)	99		80 - 120		03/30/23 16:28	1
4-Bromofluorobenzene (Surr)	97		73 - 120		03/30/23 16:28	1
Dibromofluoromethane (Surr)	99		75 - 123		03/30/23 16:28	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride (EPA 300.0)	280		2.5	1.4	mg/L			04/11/23 01:00	5
Sulfate (EPA 300.0)	68.2		10.0	1.7	mg/L			04/11/23 01:00	5
Alkalinity, Bicarbonate (MCAWW 310.2_ASP)	201		50.0	20.0	mg/L			03/31/23 11:13	5
Nitrate as N (EPA 353.2)	0.032	J	0.050	0.020	mg/L	☼		03/30/23 13:28	1
Nitrite as N (EPA 353.2)	ND		0.050	0.020	mg/L			03/30/23 13:28	1
Sulfide (SM 4500 S2 F)	ND		1.0	0.67	mg/L			04/04/23 09:00	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dissolved Organic Carbon - Duplicate (SM 5310C)	2.9		1.0	0.43	mg/L			04/05/23 11:45	1

Client Sample Results

Client: Ramboll US Corporation
Project/Site: Forest Glen Monitoring

Job ID: 480-207354-1
SDG: 480-207354-1

Client Sample ID: MW4D 032923

Lab Sample ID: 480-207354-9

Date Collected: 03/29/23 09:23

Matrix: Water

Date Received: 03/29/23 17:02

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			03/30/23 16:51	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			03/30/23 16:51	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			03/30/23 16:51	1
1,1,2-Trichlorotrifluoroethane	ND		1.0	0.31	ug/L			03/30/23 16:51	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			03/30/23 16:51	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			03/30/23 16:51	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			03/30/23 16:51	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			03/30/23 16:51	1
1,2-Dibromoethane (EDB)	ND		1.0	0.73	ug/L			03/30/23 16:51	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			03/30/23 16:51	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			03/30/23 16:51	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			03/30/23 16:51	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			03/30/23 16:51	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			03/30/23 16:51	1
2-Hexanone	ND		5.0	1.2	ug/L			03/30/23 16:51	1
2-Butanone (MEK)	ND		10	1.3	ug/L			03/30/23 16:51	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			03/30/23 16:51	1
Acetone	ND		10	3.0	ug/L			03/30/23 16:51	1
Benzene	ND		1.0	0.41	ug/L			03/30/23 16:51	1
Bromodichloromethane	ND		1.0	0.39	ug/L			03/30/23 16:51	1
Bromoform	ND		1.0	0.26	ug/L			03/30/23 16:51	1
Bromomethane	ND		1.0	0.69	ug/L			03/30/23 16:51	1
Carbon disulfide	ND		1.0	0.19	ug/L			03/30/23 16:51	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			03/30/23 16:51	1
Chlorobenzene	ND		1.0	0.75	ug/L			03/30/23 16:51	1
Chlorodibromomethane	ND		1.0	0.32	ug/L			03/30/23 16:51	1
Chloroethane	ND		1.0	0.32	ug/L			03/30/23 16:51	1
Chloroform	ND		1.0	0.34	ug/L			03/30/23 16:51	1
Chloromethane	ND		1.0	0.35	ug/L			03/30/23 16:51	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			03/30/23 16:51	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			03/30/23 16:51	1
Cyclohexane	ND		1.0	0.18	ug/L			03/30/23 16:51	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			03/30/23 16:51	1
Ethylbenzene	ND		1.0	0.74	ug/L			03/30/23 16:51	1
Isopropylbenzene	ND		1.0	0.79	ug/L			03/30/23 16:51	1
Methyl acetate	ND		1.3	1.3	ug/L			03/30/23 16:51	1
Methyl tert-butyl ether	0.34	J	1.0	0.16	ug/L			03/30/23 16:51	1
Methylcyclohexane	ND		1.0	0.16	ug/L			03/30/23 16:51	1
Methylene Chloride	ND		1.0	0.44	ug/L			03/30/23 16:51	1
Styrene	ND		1.0	0.73	ug/L			03/30/23 16:51	1
Tetrachloroethene	ND		1.0	0.36	ug/L			03/30/23 16:51	1
Toluene	ND		1.0	0.51	ug/L			03/30/23 16:51	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			03/30/23 16:51	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			03/30/23 16:51	1
Trichloroethene	ND		1.0	0.46	ug/L			03/30/23 16:51	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			03/30/23 16:51	1
Vinyl chloride	ND		1.0	0.90	ug/L			03/30/23 16:51	1
Xylenes, Total	ND		2.0	0.66	ug/L			03/30/23 16:51	1

Euofins Buffalo

Client Sample Results

Client: Ramboll US Corporation
Project/Site: Forest Glen Monitoring

Job ID: 480-207354-1
SDG: 480-207354-1

Client Sample ID: MW4D 032923

Lab Sample ID: 480-207354-9

Date Collected: 03/29/23 09:23

Matrix: Water

Date Received: 03/29/23 17:02

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	100		77 - 120		03/30/23 16:51	1
Toluene-d8 (Surr)	99		80 - 120		03/30/23 16:51	1
4-Bromofluorobenzene (Surr)	100		73 - 120		03/30/23 16:51	1
Dibromofluoromethane (Surr)	100		75 - 123		03/30/23 16:51	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride (EPA 300.0)	302		2.5	1.4	mg/L			04/11/23 02:34	5
Sulfate (EPA 300.0)	268		10.0	1.7	mg/L			04/11/23 02:34	5
Alkalinity, Bicarbonate (MCAWW 310.2_ASP)	356		50.0	20.0	mg/L			03/31/23 11:14	5
Nitrate as N (EPA 353.2)	ND		0.050	0.020	mg/L	☼		03/30/23 13:29	1
Nitrite as N (EPA 353.2)	ND		0.050	0.020	mg/L			03/30/23 13:29	1
Sulfide (SM 4500 S2 F)	0.80	J	1.0	0.67	mg/L			03/31/23 09:45	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dissolved Organic Carbon - Duplicate (SM 5310C)	3.3		1.0	0.43	mg/L			04/05/23 12:14	1

Client Sample Results

Client: Ramboll US Corporation
Project/Site: Forest Glen Monitoring

Job ID: 480-207354-1
SDG: 480-207354-1

Client Sample ID: MW10D 032923

Lab Sample ID: 480-207354-10

Date Collected: 03/29/23 10:20

Matrix: Water

Date Received: 03/29/23 17:02

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			03/30/23 13:25	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			03/30/23 13:25	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			03/30/23 13:25	1
1,1,2-Trichlorotrifluoroethane	ND		1.0	0.31	ug/L			03/30/23 13:25	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			03/30/23 13:25	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			03/30/23 13:25	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			03/30/23 13:25	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			03/30/23 13:25	1
1,2-Dibromoethane (EDB)	ND		1.0	0.73	ug/L			03/30/23 13:25	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			03/30/23 13:25	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			03/30/23 13:25	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			03/30/23 13:25	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			03/30/23 13:25	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			03/30/23 13:25	1
2-Hexanone	ND		5.0	1.2	ug/L			03/30/23 13:25	1
2-Butanone (MEK)	ND		10	1.3	ug/L			03/30/23 13:25	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			03/30/23 13:25	1
Acetone	ND		10	3.0	ug/L			03/30/23 13:25	1
Benzene	ND		1.0	0.41	ug/L			03/30/23 13:25	1
Bromodichloromethane	ND		1.0	0.39	ug/L			03/30/23 13:25	1
Bromoform	ND		1.0	0.26	ug/L			03/30/23 13:25	1
Bromomethane	ND		1.0	0.69	ug/L			03/30/23 13:25	1
Carbon disulfide	ND		1.0	0.19	ug/L			03/30/23 13:25	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			03/30/23 13:25	1
Chlorobenzene	ND		1.0	0.75	ug/L			03/30/23 13:25	1
Chlorodibromomethane	ND		1.0	0.32	ug/L			03/30/23 13:25	1
Chloroethane	ND		1.0	0.32	ug/L			03/30/23 13:25	1
Chloroform	ND		1.0	0.34	ug/L			03/30/23 13:25	1
Chloromethane	ND	F1	1.0	0.35	ug/L			03/30/23 13:25	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			03/30/23 13:25	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			03/30/23 13:25	1
Cyclohexane	ND		1.0	0.18	ug/L			03/30/23 13:25	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			03/30/23 13:25	1
Ethylbenzene	ND		1.0	0.74	ug/L			03/30/23 13:25	1
Isopropylbenzene	ND		1.0	0.79	ug/L			03/30/23 13:25	1
Methyl acetate	ND		1.3	1.3	ug/L			03/30/23 13:25	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			03/30/23 13:25	1
Methylcyclohexane	ND		1.0	0.16	ug/L			03/30/23 13:25	1
Methylene Chloride	ND		1.0	0.44	ug/L			03/30/23 13:25	1
Styrene	ND		1.0	0.73	ug/L			03/30/23 13:25	1
Tetrachloroethene	ND		1.0	0.36	ug/L			03/30/23 13:25	1
Toluene	ND		1.0	0.51	ug/L			03/30/23 13:25	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			03/30/23 13:25	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			03/30/23 13:25	1
Trichloroethene	ND		1.0	0.46	ug/L			03/30/23 13:25	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			03/30/23 13:25	1
Vinyl chloride	ND		1.0	0.90	ug/L			03/30/23 13:25	1
Xylenes, Total	ND		2.0	0.66	ug/L			03/30/23 13:25	1

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Client Sample Results

Client: Ramboll US Corporation
Project/Site: Forest Glen Monitoring

Job ID: 480-207354-1
SDG: 480-207354-1

Client Sample ID: MW10D 032923

Lab Sample ID: 480-207354-10

Date Collected: 03/29/23 10:20

Matrix: Water

Date Received: 03/29/23 17:02

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	104		77 - 120		03/30/23 13:25	1
Toluene-d8 (Surr)	103		80 - 120		03/30/23 13:25	1
4-Bromofluorobenzene (Surr)	98		73 - 120		03/30/23 13:25	1
Dibromofluoromethane (Surr)	103		75 - 123		03/30/23 13:25	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride (EPA 300.0)	340		2.5	1.4	mg/L			04/06/23 10:00	5
Sulfate (EPA 300.0)	222		10.0	1.7	mg/L			04/06/23 10:00	5
Alkalinity, Bicarbonate (MCAWW 310.2_ASP)	318		50.0	20.0	mg/L			03/31/23 11:48	5
Nitrate as N (EPA 353.2)	ND		0.050	0.020	mg/L	☼		03/30/23 13:21	1
Nitrite as N (EPA 353.2)	ND	F1	0.050	0.020	mg/L			03/30/23 14:28	1
Sulfide (SM 4500 S2 F)	ND	F2	1.0	0.67	mg/L			03/31/23 09:45	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dissolved Organic Carbon - Duplicate (SM 5310C)	3.2		1.0	0.43	mg/L			04/05/23 03:58	1

Client Sample Results

Client: Ramboll US Corporation
Project/Site: Forest Glen Monitoring

Job ID: 480-207354-1
SDG: 480-207354-1

Client Sample ID: MW7D 032923

Lab Sample ID: 480-207354-11

Date Collected: 03/29/23 12:07

Matrix: Water

Date Received: 03/29/23 17:02

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			03/30/23 13:47	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			03/30/23 13:47	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			03/30/23 13:47	1
1,1,2-Trichlorotrifluoroethane	ND		1.0	0.31	ug/L			03/30/23 13:47	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			03/30/23 13:47	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			03/30/23 13:47	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			03/30/23 13:47	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			03/30/23 13:47	1
1,2-Dibromoethane (EDB)	ND		1.0	0.73	ug/L			03/30/23 13:47	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			03/30/23 13:47	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			03/30/23 13:47	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			03/30/23 13:47	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			03/30/23 13:47	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			03/30/23 13:47	1
2-Hexanone	ND		5.0	1.2	ug/L			03/30/23 13:47	1
2-Butanone (MEK)	ND		10	1.3	ug/L			03/30/23 13:47	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			03/30/23 13:47	1
Acetone	ND		10	3.0	ug/L			03/30/23 13:47	1
Benzene	ND		1.0	0.41	ug/L			03/30/23 13:47	1
Bromodichloromethane	ND		1.0	0.39	ug/L			03/30/23 13:47	1
Bromoform	ND		1.0	0.26	ug/L			03/30/23 13:47	1
Bromomethane	ND		1.0	0.69	ug/L			03/30/23 13:47	1
Carbon disulfide	ND		1.0	0.19	ug/L			03/30/23 13:47	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			03/30/23 13:47	1
Chlorobenzene	ND		1.0	0.75	ug/L			03/30/23 13:47	1
Chlorodibromomethane	ND		1.0	0.32	ug/L			03/30/23 13:47	1
Chloroethane	ND		1.0	0.32	ug/L			03/30/23 13:47	1
Chloroform	ND		1.0	0.34	ug/L			03/30/23 13:47	1
Chloromethane	ND		1.0	0.35	ug/L			03/30/23 13:47	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			03/30/23 13:47	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			03/30/23 13:47	1
Cyclohexane	ND		1.0	0.18	ug/L			03/30/23 13:47	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			03/30/23 13:47	1
Ethylbenzene	ND		1.0	0.74	ug/L			03/30/23 13:47	1
Isopropylbenzene	ND		1.0	0.79	ug/L			03/30/23 13:47	1
Methyl acetate	ND		1.3	1.3	ug/L			03/30/23 13:47	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			03/30/23 13:47	1
Methylcyclohexane	ND		1.0	0.16	ug/L			03/30/23 13:47	1
Methylene Chloride	ND		1.0	0.44	ug/L			03/30/23 13:47	1
Styrene	ND		1.0	0.73	ug/L			03/30/23 13:47	1
Tetrachloroethene	ND		1.0	0.36	ug/L			03/30/23 13:47	1
Toluene	ND		1.0	0.51	ug/L			03/30/23 13:47	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			03/30/23 13:47	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			03/30/23 13:47	1
Trichloroethene	ND		1.0	0.46	ug/L			03/30/23 13:47	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			03/30/23 13:47	1
Vinyl chloride	ND		1.0	0.90	ug/L			03/30/23 13:47	1
Xylenes, Total	ND		2.0	0.66	ug/L			03/30/23 13:47	1

Euofins Buffalo

Client Sample Results

Client: Ramboll US Corporation
Project/Site: Forest Glen Monitoring

Job ID: 480-207354-1
SDG: 480-207354-1

Client Sample ID: MW7D 032923

Lab Sample ID: 480-207354-11

Date Collected: 03/29/23 12:07

Matrix: Water

Date Received: 03/29/23 17:02

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	101		77 - 120		03/30/23 13:47	1
Toluene-d8 (Surr)	102		80 - 120		03/30/23 13:47	1
4-Bromofluorobenzene (Surr)	97		73 - 120		03/30/23 13:47	1
Dibromofluoromethane (Surr)	104		75 - 123		03/30/23 13:47	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride (EPA 300.0)	9.9		1.0	0.56	mg/L			04/11/23 02:53	2
Sulfate (EPA 300.0)	45.1		4.0	0.70	mg/L			04/11/23 02:53	2
Alkalinity, Bicarbonate (MCAWW 310.2_ASP)	245		50.0	20.0	mg/L			03/31/23 11:14	5
Nitrate as N (EPA 353.2)	0.71		0.050	0.020	mg/L	☼		03/30/23 13:31	1
Nitrite as N (EPA 353.2)	ND		0.050	0.020	mg/L			03/30/23 14:31	1
Sulfide (SM 4500 S2 F)	ND		1.0	0.67	mg/L			03/31/23 09:45	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dissolved Organic Carbon - Duplicate (SM 5310C)	6.0		1.0	0.43	mg/L			04/05/23 13:42	1

Client Sample Results

Client: Ramboll US Corporation
Project/Site: Forest Glen Monitoring

Job ID: 480-207354-1
SDG: 480-207354-1

Client Sample ID: MW10S 032923

Lab Sample ID: 480-207354-12

Date Collected: 03/29/23 12:10

Matrix: Water

Date Received: 03/29/23 17:02

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			03/30/23 14:09	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			03/30/23 14:09	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			03/30/23 14:09	1
1,1,2-Trichlorotrifluoroethane	ND		1.0	0.31	ug/L			03/30/23 14:09	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			03/30/23 14:09	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			03/30/23 14:09	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			03/30/23 14:09	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			03/30/23 14:09	1
1,2-Dibromoethane (EDB)	ND		1.0	0.73	ug/L			03/30/23 14:09	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			03/30/23 14:09	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			03/30/23 14:09	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			03/30/23 14:09	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			03/30/23 14:09	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			03/30/23 14:09	1
2-Hexanone	ND		5.0	1.2	ug/L			03/30/23 14:09	1
2-Butanone (MEK)	ND		10	1.3	ug/L			03/30/23 14:09	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			03/30/23 14:09	1
Acetone	ND		10	3.0	ug/L			03/30/23 14:09	1
Benzene	ND		1.0	0.41	ug/L			03/30/23 14:09	1
Bromodichloromethane	ND		1.0	0.39	ug/L			03/30/23 14:09	1
Bromoform	ND		1.0	0.26	ug/L			03/30/23 14:09	1
Bromomethane	ND		1.0	0.69	ug/L			03/30/23 14:09	1
Carbon disulfide	ND		1.0	0.19	ug/L			03/30/23 14:09	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			03/30/23 14:09	1
Chlorobenzene	ND		1.0	0.75	ug/L			03/30/23 14:09	1
Chlorodibromomethane	ND		1.0	0.32	ug/L			03/30/23 14:09	1
Chloroethane	ND		1.0	0.32	ug/L			03/30/23 14:09	1
Chloroform	ND		1.0	0.34	ug/L			03/30/23 14:09	1
Chloromethane	ND		1.0	0.35	ug/L			03/30/23 14:09	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			03/30/23 14:09	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			03/30/23 14:09	1
Cyclohexane	ND		1.0	0.18	ug/L			03/30/23 14:09	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			03/30/23 14:09	1
Ethylbenzene	ND		1.0	0.74	ug/L			03/30/23 14:09	1
Isopropylbenzene	ND		1.0	0.79	ug/L			03/30/23 14:09	1
Methyl acetate	ND		1.3	1.3	ug/L			03/30/23 14:09	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			03/30/23 14:09	1
Methylcyclohexane	ND		1.0	0.16	ug/L			03/30/23 14:09	1
Methylene Chloride	ND		1.0	0.44	ug/L			03/30/23 14:09	1
Styrene	ND		1.0	0.73	ug/L			03/30/23 14:09	1
Tetrachloroethene	ND		1.0	0.36	ug/L			03/30/23 14:09	1
Toluene	ND		1.0	0.51	ug/L			03/30/23 14:09	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			03/30/23 14:09	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			03/30/23 14:09	1
Trichloroethene	ND		1.0	0.46	ug/L			03/30/23 14:09	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			03/30/23 14:09	1
Vinyl chloride	ND		1.0	0.90	ug/L			03/30/23 14:09	1
Xylenes, Total	ND		2.0	0.66	ug/L			03/30/23 14:09	1

Euofins Buffalo

Client Sample Results

Client: Ramboll US Corporation
Project/Site: Forest Glen Monitoring

Job ID: 480-207354-1
SDG: 480-207354-1

Client Sample ID: MW10S 032923

Lab Sample ID: 480-207354-12

Date Collected: 03/29/23 12:10

Matrix: Water

Date Received: 03/29/23 17:02

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	102		77 - 120		03/30/23 14:09	1
Toluene-d8 (Surr)	103		80 - 120		03/30/23 14:09	1
4-Bromofluorobenzene (Surr)	97		73 - 120		03/30/23 14:09	1
Dibromofluoromethane (Surr)	105		75 - 123		03/30/23 14:09	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride (EPA 300.0)	341		2.5	1.4	mg/L			04/11/23 03:11	5
Sulfate (EPA 300.0)	221		10.0	1.7	mg/L			04/11/23 03:11	5
Alkalinity, Bicarbonate (MCAWW 310.2_ASP)	328		50.0	20.0	mg/L			03/31/23 11:15	5
Nitrate as N (EPA 353.2)	ND		0.050	0.020	mg/L	☼		03/30/23 13:35	1
Nitrite as N (EPA 353.2)	ND		0.050	0.020	mg/L			03/30/23 13:35	1
Sulfide (SM 4500 S2 F)	ND		1.0	0.67	mg/L			03/31/23 09:45	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dissolved Organic Carbon - Duplicate (SM 5310C)	3.7		1.0	0.43	mg/L			04/05/23 14:11	1

Client Sample Results

Client: Ramboll US Corporation
Project/Site: Forest Glen Monitoring

Job ID: 480-207354-1
SDG: 480-207354-1

Client Sample ID: MW7S 032923

Lab Sample ID: 480-207354-13

Date Collected: 03/29/23 13:07

Matrix: Water

Date Received: 03/29/23 17:02

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			03/30/23 14:31	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			03/30/23 14:31	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			03/30/23 14:31	1
1,1,2-Trichlorotrifluoroethane	ND		1.0	0.31	ug/L			03/30/23 14:31	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			03/30/23 14:31	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			03/30/23 14:31	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			03/30/23 14:31	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			03/30/23 14:31	1
1,2-Dibromoethane (EDB)	ND		1.0	0.73	ug/L			03/30/23 14:31	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			03/30/23 14:31	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			03/30/23 14:31	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			03/30/23 14:31	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			03/30/23 14:31	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			03/30/23 14:31	1
2-Hexanone	ND		5.0	1.2	ug/L			03/30/23 14:31	1
2-Butanone (MEK)	ND		10	1.3	ug/L			03/30/23 14:31	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			03/30/23 14:31	1
Acetone	ND		10	3.0	ug/L			03/30/23 14:31	1
Benzene	ND		1.0	0.41	ug/L			03/30/23 14:31	1
Bromodichloromethane	ND		1.0	0.39	ug/L			03/30/23 14:31	1
Bromoform	ND		1.0	0.26	ug/L			03/30/23 14:31	1
Bromomethane	ND		1.0	0.69	ug/L			03/30/23 14:31	1
Carbon disulfide	ND		1.0	0.19	ug/L			03/30/23 14:31	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			03/30/23 14:31	1
Chlorobenzene	ND		1.0	0.75	ug/L			03/30/23 14:31	1
Chlorodibromomethane	ND		1.0	0.32	ug/L			03/30/23 14:31	1
Chloroethane	ND		1.0	0.32	ug/L			03/30/23 14:31	1
Chloroform	ND		1.0	0.34	ug/L			03/30/23 14:31	1
Chloromethane	ND		1.0	0.35	ug/L			03/30/23 14:31	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			03/30/23 14:31	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			03/30/23 14:31	1
Cyclohexane	ND		1.0	0.18	ug/L			03/30/23 14:31	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			03/30/23 14:31	1
Ethylbenzene	ND		1.0	0.74	ug/L			03/30/23 14:31	1
Isopropylbenzene	ND		1.0	0.79	ug/L			03/30/23 14:31	1
Methyl acetate	ND		1.3	1.3	ug/L			03/30/23 14:31	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			03/30/23 14:31	1
Methylcyclohexane	ND		1.0	0.16	ug/L			03/30/23 14:31	1
Methylene Chloride	ND		1.0	0.44	ug/L			03/30/23 14:31	1
Styrene	ND		1.0	0.73	ug/L			03/30/23 14:31	1
Tetrachloroethene	ND		1.0	0.36	ug/L			03/30/23 14:31	1
Toluene	ND		1.0	0.51	ug/L			03/30/23 14:31	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			03/30/23 14:31	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			03/30/23 14:31	1
Trichloroethene	0.60	J	1.0	0.46	ug/L			03/30/23 14:31	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			03/30/23 14:31	1
Vinyl chloride	ND		1.0	0.90	ug/L			03/30/23 14:31	1
Xylenes, Total	ND		2.0	0.66	ug/L			03/30/23 14:31	1

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Client Sample Results

Client: Ramboll US Corporation
Project/Site: Forest Glen Monitoring

Job ID: 480-207354-1
SDG: 480-207354-1

Client Sample ID: MW7S 032923

Lab Sample ID: 480-207354-13

Date Collected: 03/29/23 13:07

Matrix: Water

Date Received: 03/29/23 17:02

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	101		77 - 120		03/30/23 14:31	1
Toluene-d8 (Surr)	104		80 - 120		03/30/23 14:31	1
4-Bromofluorobenzene (Surr)	98		73 - 120		03/30/23 14:31	1
Dibromofluoromethane (Surr)	104		75 - 123		03/30/23 14:31	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride (EPA 300.0)	25.5		1.0	0.56	mg/L			04/11/23 03:30	2
Sulfate (EPA 300.0)	71.5		4.0	0.70	mg/L			04/11/23 03:30	2
Alkalinity, Bicarbonate (MCAWW 310.2_ASP)	283		50.0	20.0	mg/L			03/31/23 11:15	5
Nitrate as N (EPA 353.2)	1.1		0.050	0.020	mg/L	☼		03/30/23 13:37	1
Nitrite as N (EPA 353.2)	ND		0.050	0.020	mg/L			03/30/23 14:31	1
Sulfide (SM 4500 S2 F)	ND		1.0	0.67	mg/L			03/31/23 09:45	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dissolved Organic Carbon - Duplicate (SM 5310C)	4.6		1.0	0.43	mg/L			04/05/23 14:40	1

Client Sample Results

Client: Ramboll US Corporation
Project/Site: Forest Glen Monitoring

Job ID: 480-207354-1
SDG: 480-207354-1

Client Sample ID: MW8S 032923

Lab Sample ID: 480-207354-14

Date Collected: 03/29/23 14:30

Matrix: Water

Date Received: 03/29/23 17:02

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			03/30/23 14:53	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			03/30/23 14:53	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			03/30/23 14:53	1
1,1,2-Trichlorotrifluoroethane	ND		1.0	0.31	ug/L			03/30/23 14:53	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			03/30/23 14:53	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			03/30/23 14:53	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			03/30/23 14:53	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			03/30/23 14:53	1
1,2-Dibromoethane (EDB)	ND		1.0	0.73	ug/L			03/30/23 14:53	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			03/30/23 14:53	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			03/30/23 14:53	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			03/30/23 14:53	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			03/30/23 14:53	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			03/30/23 14:53	1
2-Hexanone	ND		5.0	1.2	ug/L			03/30/23 14:53	1
2-Butanone (MEK)	ND		10	1.3	ug/L			03/30/23 14:53	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			03/30/23 14:53	1
Acetone	ND		10	3.0	ug/L			03/30/23 14:53	1
Benzene	ND		1.0	0.41	ug/L			03/30/23 14:53	1
Bromodichloromethane	ND		1.0	0.39	ug/L			03/30/23 14:53	1
Bromoform	ND		1.0	0.26	ug/L			03/30/23 14:53	1
Bromomethane	ND		1.0	0.69	ug/L			03/30/23 14:53	1
Carbon disulfide	ND		1.0	0.19	ug/L			03/30/23 14:53	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			03/30/23 14:53	1
Chlorobenzene	ND		1.0	0.75	ug/L			03/30/23 14:53	1
Chlorodibromomethane	ND		1.0	0.32	ug/L			03/30/23 14:53	1
Chloroethane	ND		1.0	0.32	ug/L			03/30/23 14:53	1
Chloroform	ND		1.0	0.34	ug/L			03/30/23 14:53	1
Chloromethane	ND		1.0	0.35	ug/L			03/30/23 14:53	1
cis-1,2-Dichloroethene	1.7		1.0	0.81	ug/L			03/30/23 14:53	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			03/30/23 14:53	1
Cyclohexane	ND		1.0	0.18	ug/L			03/30/23 14:53	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			03/30/23 14:53	1
Ethylbenzene	ND		1.0	0.74	ug/L			03/30/23 14:53	1
Isopropylbenzene	ND		1.0	0.79	ug/L			03/30/23 14:53	1
Methyl acetate	ND		1.3	1.3	ug/L			03/30/23 14:53	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			03/30/23 14:53	1
Methylcyclohexane	ND		1.0	0.16	ug/L			03/30/23 14:53	1
Methylene Chloride	ND		1.0	0.44	ug/L			03/30/23 14:53	1
Styrene	ND		1.0	0.73	ug/L			03/30/23 14:53	1
Tetrachloroethene	0.38 J		1.0	0.36	ug/L			03/30/23 14:53	1
Toluene	ND		1.0	0.51	ug/L			03/30/23 14:53	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			03/30/23 14:53	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			03/30/23 14:53	1
Trichloroethene	1.9		1.0	0.46	ug/L			03/30/23 14:53	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			03/30/23 14:53	1
Vinyl chloride	ND		1.0	0.90	ug/L			03/30/23 14:53	1
Xylenes, Total	ND		2.0	0.66	ug/L			03/30/23 14:53	1

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Client Sample Results

Client: Ramboll US Corporation
Project/Site: Forest Glen Monitoring

Job ID: 480-207354-1
SDG: 480-207354-1

Client Sample ID: MW8S 032923

Lab Sample ID: 480-207354-14

Date Collected: 03/29/23 14:30

Matrix: Water

Date Received: 03/29/23 17:02

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	101		77 - 120		03/30/23 14:53	1
Toluene-d8 (Surr)	104		80 - 120		03/30/23 14:53	1
4-Bromofluorobenzene (Surr)	97		73 - 120		03/30/23 14:53	1
Dibromofluoromethane (Surr)	104		75 - 123		03/30/23 14:53	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride (EPA 300.0)	6.1		1.0	0.56	mg/L			04/11/23 03:49	2
Sulfate (EPA 300.0)	45.2		4.0	0.70	mg/L			04/11/23 03:49	2
Alkalinity, Bicarbonate (MCAWW 310.2_ASP)	217		50.0	20.0	mg/L			03/31/23 11:19	5
Nitrate as N (EPA 353.2)	0.11		0.050	0.020	mg/L	☼		03/30/23 13:39	1
Nitrite as N (EPA 353.2)	ND		0.050	0.020	mg/L			03/30/23 14:31	1
Sulfide (SM 4500 S2 F)	ND		1.0	0.67	mg/L			03/31/23 09:45	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dissolved Organic Carbon - Duplicate (SM 5310C)	1.7		1.0	0.43	mg/L			04/05/23 15:38	1

Client Sample Results

Client: Ramboll US Corporation
Project/Site: Forest Glen Monitoring

Job ID: 480-207354-1
SDG: 480-207354-1

Client Sample ID: MW7DD 032923

Lab Sample ID: 480-207354-15

Date Collected: 03/29/23 14:47

Matrix: Water

Date Received: 03/29/23 17:02

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			03/30/23 15:15	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			03/30/23 15:15	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			03/30/23 15:15	1
1,1,2-Trichlorotrifluoroethane	ND		1.0	0.31	ug/L			03/30/23 15:15	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			03/30/23 15:15	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			03/30/23 15:15	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			03/30/23 15:15	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			03/30/23 15:15	1
1,2-Dibromoethane (EDB)	ND		1.0	0.73	ug/L			03/30/23 15:15	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			03/30/23 15:15	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			03/30/23 15:15	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			03/30/23 15:15	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			03/30/23 15:15	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			03/30/23 15:15	1
2-Hexanone	ND		5.0	1.2	ug/L			03/30/23 15:15	1
2-Butanone (MEK)	ND		10	1.3	ug/L			03/30/23 15:15	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			03/30/23 15:15	1
Acetone	ND		10	3.0	ug/L			03/30/23 15:15	1
Benzene	ND		1.0	0.41	ug/L			03/30/23 15:15	1
Bromodichloromethane	ND		1.0	0.39	ug/L			03/30/23 15:15	1
Bromoform	ND		1.0	0.26	ug/L			03/30/23 15:15	1
Bromomethane	ND		1.0	0.69	ug/L			03/30/23 15:15	1
Carbon disulfide	ND		1.0	0.19	ug/L			03/30/23 15:15	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			03/30/23 15:15	1
Chlorobenzene	ND		1.0	0.75	ug/L			03/30/23 15:15	1
Chlorodibromomethane	ND		1.0	0.32	ug/L			03/30/23 15:15	1
Chloroethane	ND		1.0	0.32	ug/L			03/30/23 15:15	1
Chloroform	ND		1.0	0.34	ug/L			03/30/23 15:15	1
Chloromethane	ND		1.0	0.35	ug/L			03/30/23 15:15	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			03/30/23 15:15	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			03/30/23 15:15	1
Cyclohexane	ND		1.0	0.18	ug/L			03/30/23 15:15	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			03/30/23 15:15	1
Ethylbenzene	ND		1.0	0.74	ug/L			03/30/23 15:15	1
Isopropylbenzene	ND		1.0	0.79	ug/L			03/30/23 15:15	1
Methyl acetate	ND		1.3	1.3	ug/L			03/30/23 15:15	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			03/30/23 15:15	1
Methylcyclohexane	ND		1.0	0.16	ug/L			03/30/23 15:15	1
Methylene Chloride	ND		1.0	0.44	ug/L			03/30/23 15:15	1
Styrene	ND		1.0	0.73	ug/L			03/30/23 15:15	1
Tetrachloroethene	ND		1.0	0.36	ug/L			03/30/23 15:15	1
Toluene	ND		1.0	0.51	ug/L			03/30/23 15:15	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			03/30/23 15:15	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			03/30/23 15:15	1
Trichloroethene	ND		1.0	0.46	ug/L			03/30/23 15:15	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			03/30/23 15:15	1
Vinyl chloride	ND		1.0	0.90	ug/L			03/30/23 15:15	1
Xylenes, Total	ND		2.0	0.66	ug/L			03/30/23 15:15	1

Euofins Buffalo

Client Sample Results

Client: Ramboll US Corporation
Project/Site: Forest Glen Monitoring

Job ID: 480-207354-1
SDG: 480-207354-1

Client Sample ID: MW7DD 032923

Lab Sample ID: 480-207354-15

Date Collected: 03/29/23 14:47

Matrix: Water

Date Received: 03/29/23 17:02

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	103		77 - 120		03/30/23 15:15	1
Toluene-d8 (Surr)	103		80 - 120		03/30/23 15:15	1
4-Bromofluorobenzene (Surr)	99		73 - 120		03/30/23 15:15	1
Dibromofluoromethane (Surr)	106		75 - 123		03/30/23 15:15	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride (EPA 300.0)	41.8		2.5	1.4	mg/L			04/11/23 04:08	5
Sulfate (EPA 300.0)	310		10.0	1.7	mg/L			04/11/23 04:08	5
Alkalinity, Bicarbonate (MCAWW 310.2_ASP)	270		50.0	20.0	mg/L			03/31/23 11:28	5
Nitrate as N (EPA 353.2)	0.14		0.050	0.020	mg/L	☼		03/30/23 13:40	1
Nitrite as N (EPA 353.2)	ND		0.050	0.020	mg/L			03/30/23 14:32	1
Sulfide (SM 4500 S2 F)	ND		1.0	0.67	mg/L			03/31/23 09:45	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dissolved Organic Carbon - Duplicate (SM 5310C)	3.8		1.0	0.43	mg/L			04/05/23 16:37	1

Client Sample Results

Client: Ramboll US Corporation
Project/Site: Forest Glen Monitoring

Job ID: 480-207354-1
SDG: 480-207354-1

Client Sample ID: DUP 032923

Lab Sample ID: 480-207354-16

Date Collected: 03/29/23 00:00

Matrix: Water

Date Received: 03/29/23 17:02

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			03/30/23 17:14	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			03/30/23 17:14	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			03/30/23 17:14	1
1,1,2-Trichlorotrifluoroethane	ND		1.0	0.31	ug/L			03/30/23 17:14	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			03/30/23 17:14	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			03/30/23 17:14	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			03/30/23 17:14	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			03/30/23 17:14	1
1,2-Dibromoethane (EDB)	ND		1.0	0.73	ug/L			03/30/23 17:14	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			03/30/23 17:14	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			03/30/23 17:14	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			03/30/23 17:14	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			03/30/23 17:14	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			03/30/23 17:14	1
2-Hexanone	ND		5.0	1.2	ug/L			03/30/23 17:14	1
2-Butanone (MEK)	ND		10	1.3	ug/L			03/30/23 17:14	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			03/30/23 17:14	1
Acetone	ND		10	3.0	ug/L			03/30/23 17:14	1
Benzene	ND		1.0	0.41	ug/L			03/30/23 17:14	1
Bromodichloromethane	ND		1.0	0.39	ug/L			03/30/23 17:14	1
Bromoform	ND		1.0	0.26	ug/L			03/30/23 17:14	1
Bromomethane	ND		1.0	0.69	ug/L			03/30/23 17:14	1
Carbon disulfide	ND		1.0	0.19	ug/L			03/30/23 17:14	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			03/30/23 17:14	1
Chlorobenzene	ND		1.0	0.75	ug/L			03/30/23 17:14	1
Chlorodibromomethane	ND		1.0	0.32	ug/L			03/30/23 17:14	1
Chloroethane	ND		1.0	0.32	ug/L			03/30/23 17:14	1
Chloroform	ND		1.0	0.34	ug/L			03/30/23 17:14	1
Chloromethane	ND		1.0	0.35	ug/L			03/30/23 17:14	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			03/30/23 17:14	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			03/30/23 17:14	1
Cyclohexane	ND		1.0	0.18	ug/L			03/30/23 17:14	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			03/30/23 17:14	1
Ethylbenzene	ND		1.0	0.74	ug/L			03/30/23 17:14	1
Isopropylbenzene	ND		1.0	0.79	ug/L			03/30/23 17:14	1
Methyl acetate	ND		1.3	1.3	ug/L			03/30/23 17:14	1
Methyl tert-butyl ether	0.33	J	1.0	0.16	ug/L			03/30/23 17:14	1
Methylcyclohexane	ND		1.0	0.16	ug/L			03/30/23 17:14	1
Methylene Chloride	ND		1.0	0.44	ug/L			03/30/23 17:14	1
Styrene	ND		1.0	0.73	ug/L			03/30/23 17:14	1
Tetrachloroethene	ND		1.0	0.36	ug/L			03/30/23 17:14	1
Toluene	ND		1.0	0.51	ug/L			03/30/23 17:14	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			03/30/23 17:14	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			03/30/23 17:14	1
Trichloroethene	ND		1.0	0.46	ug/L			03/30/23 17:14	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			03/30/23 17:14	1
Vinyl chloride	ND		1.0	0.90	ug/L			03/30/23 17:14	1
Xylenes, Total	ND		2.0	0.66	ug/L			03/30/23 17:14	1

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Client Sample Results

Client: Ramboll US Corporation
Project/Site: Forest Glen Monitoring

Job ID: 480-207354-1
SDG: 480-207354-1

Client Sample ID: DUP 032923

Lab Sample ID: 480-207354-16

Date Collected: 03/29/23 00:00

Matrix: Water

Date Received: 03/29/23 17:02

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	101		77 - 120		03/30/23 17:14	1
Toluene-d8 (Surr)	95		80 - 120		03/30/23 17:14	1
4-Bromofluorobenzene (Surr)	98		73 - 120		03/30/23 17:14	1
Dibromofluoromethane (Surr)	100		75 - 123		03/30/23 17:14	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride (EPA 300.0)	301		2.5	1.4	mg/L			04/11/23 04:27	5
Sulfate (EPA 300.0)	270		10.0	1.7	mg/L			04/11/23 04:27	5
Alkalinity, Bicarbonate (MCAWW 310.2_ASP)	368		50.0	20.0	mg/L			03/31/23 11:28	5
Nitrate as N (EPA 353.2)	ND		0.050	0.020	mg/L	☼		03/30/23 13:42	1
Nitrite as N (EPA 353.2)	ND		0.050	0.020	mg/L			03/30/23 13:42	1
Sulfide (SM 4500 S2 F)	ND		1.0	0.67	mg/L			03/31/23 09:45	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dissolved Organic Carbon - Duplicate (SM 5310C)	3.2		1.0	0.43	mg/L			04/05/23 17:06	1

Client Sample Results

Client: Ramboll US Corporation
Project/Site: Forest Glen Monitoring

Job ID: 480-207354-1
SDG: 480-207354-1

Client Sample ID: TRIP BLANK

Lab Sample ID: 480-207354-17

Date Collected: 03/28/23 00:00

Matrix: Water

Date Received: 03/29/23 17:02

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			03/30/23 17:37	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			03/30/23 17:37	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			03/30/23 17:37	1
1,1,2-Trichlorotrifluoroethane	ND		1.0	0.31	ug/L			03/30/23 17:37	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			03/30/23 17:37	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			03/30/23 17:37	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			03/30/23 17:37	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			03/30/23 17:37	1
1,2-Dibromoethane (EDB)	ND		1.0	0.73	ug/L			03/30/23 17:37	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			03/30/23 17:37	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			03/30/23 17:37	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			03/30/23 17:37	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			03/30/23 17:37	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			03/30/23 17:37	1
2-Hexanone	ND		5.0	1.2	ug/L			03/30/23 17:37	1
2-Butanone (MEK)	ND		10	1.3	ug/L			03/30/23 17:37	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			03/30/23 17:37	1
Acetone	ND		10	3.0	ug/L			03/30/23 17:37	1
Benzene	ND		1.0	0.41	ug/L			03/30/23 17:37	1
Bromodichloromethane	ND		1.0	0.39	ug/L			03/30/23 17:37	1
Bromoform	ND		1.0	0.26	ug/L			03/30/23 17:37	1
Bromomethane	ND		1.0	0.69	ug/L			03/30/23 17:37	1
Carbon disulfide	ND		1.0	0.19	ug/L			03/30/23 17:37	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			03/30/23 17:37	1
Chlorobenzene	ND		1.0	0.75	ug/L			03/30/23 17:37	1
Chlorodibromomethane	ND		1.0	0.32	ug/L			03/30/23 17:37	1
Chloroethane	ND		1.0	0.32	ug/L			03/30/23 17:37	1
Chloroform	ND		1.0	0.34	ug/L			03/30/23 17:37	1
Chloromethane	ND		1.0	0.35	ug/L			03/30/23 17:37	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			03/30/23 17:37	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			03/30/23 17:37	1
Cyclohexane	ND		1.0	0.18	ug/L			03/30/23 17:37	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			03/30/23 17:37	1
Ethylbenzene	ND		1.0	0.74	ug/L			03/30/23 17:37	1
Isopropylbenzene	ND		1.0	0.79	ug/L			03/30/23 17:37	1
Methyl acetate	ND		1.3	1.3	ug/L			03/30/23 17:37	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			03/30/23 17:37	1
Methylcyclohexane	ND		1.0	0.16	ug/L			03/30/23 17:37	1
Methylene Chloride	ND		1.0	0.44	ug/L			03/30/23 17:37	1
Styrene	ND		1.0	0.73	ug/L			03/30/23 17:37	1
Tetrachloroethene	ND		1.0	0.36	ug/L			03/30/23 17:37	1
Toluene	ND		1.0	0.51	ug/L			03/30/23 17:37	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			03/30/23 17:37	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			03/30/23 17:37	1
Trichloroethene	ND		1.0	0.46	ug/L			03/30/23 17:37	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			03/30/23 17:37	1
Vinyl chloride	ND		1.0	0.90	ug/L			03/30/23 17:37	1
Xylenes, Total	ND		2.0	0.66	ug/L			03/30/23 17:37	1

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Client Sample Results

Client: Ramboll US Corporation
Project/Site: Forest Glen Monitoring

Job ID: 480-207354-1
SDG: 480-207354-1

Client Sample ID: TRIP BLANK

Lab Sample ID: 480-207354-17

Date Collected: 03/28/23 00:00

Matrix: Water

Date Received: 03/29/23 17:02

<i>Surrogate</i>	<i>%Recovery</i>	<i>Qualifier</i>	<i>Limits</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Dil Fac</i>
1,2-Dichloroethane-d4 (Surr)	99		77 - 120		03/30/23 17:37	1
Toluene-d8 (Surr)	97		80 - 120		03/30/23 17:37	1
4-Bromofluorobenzene (Surr)	93		73 - 120		03/30/23 17:37	1
Dibromofluoromethane (Surr)	100		75 - 123		03/30/23 17:37	1

Client Sample Results

Client: Ramboll US Corporation
Project/Site: Forest Glen Monitoring

Job ID: 480-207354-1
SDG: 480-207354-1

Client Sample ID: MW8DD-033023

Lab Sample ID: 480-207370-1

Date Collected: 03/30/23 10:20

Matrix: Water

Date Received: 03/30/23 12:40

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			03/30/23 19:03	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			03/30/23 19:03	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			03/30/23 19:03	1
1,1,2-Trichlorotrifluoroethane	ND		1.0	0.31	ug/L			03/30/23 19:03	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			03/30/23 19:03	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			03/30/23 19:03	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			03/30/23 19:03	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			03/30/23 19:03	1
1,2-Dibromoethane (EDB)	ND		1.0	0.73	ug/L			03/30/23 19:03	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			03/30/23 19:03	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			03/30/23 19:03	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			03/30/23 19:03	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			03/30/23 19:03	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			03/30/23 19:03	1
2-Hexanone	ND		5.0	1.2	ug/L			03/30/23 19:03	1
2-Butanone (MEK)	ND		10	1.3	ug/L			03/30/23 19:03	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			03/30/23 19:03	1
Acetone	ND		10	3.0	ug/L			03/30/23 19:03	1
Benzene	ND		1.0	0.41	ug/L			03/30/23 19:03	1
Bromodichloromethane	ND		1.0	0.39	ug/L			03/30/23 19:03	1
Bromoform	ND		1.0	0.26	ug/L			03/30/23 19:03	1
Bromomethane	ND		1.0	0.69	ug/L			03/30/23 19:03	1
Carbon disulfide	ND		1.0	0.19	ug/L			03/30/23 19:03	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			03/30/23 19:03	1
Chlorobenzene	ND		1.0	0.75	ug/L			03/30/23 19:03	1
Chlorodibromomethane	ND		1.0	0.32	ug/L			03/30/23 19:03	1
Chloroethane	ND		1.0	0.32	ug/L			03/30/23 19:03	1
Chloroform	ND		1.0	0.34	ug/L			03/30/23 19:03	1
Chloromethane	ND		1.0	0.35	ug/L			03/30/23 19:03	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			03/30/23 19:03	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			03/30/23 19:03	1
Cyclohexane	ND		1.0	0.18	ug/L			03/30/23 19:03	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			03/30/23 19:03	1
Ethylbenzene	ND		1.0	0.74	ug/L			03/30/23 19:03	1
Isopropylbenzene	ND		1.0	0.79	ug/L			03/30/23 19:03	1
Methyl acetate	ND		1.3	1.3	ug/L			03/30/23 19:03	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			03/30/23 19:03	1
Methylcyclohexane	ND		1.0	0.16	ug/L			03/30/23 19:03	1
Methylene Chloride	ND		1.0	0.44	ug/L			03/30/23 19:03	1
Styrene	ND		1.0	0.73	ug/L			03/30/23 19:03	1
Tetrachloroethene	ND		1.0	0.36	ug/L			03/30/23 19:03	1
Toluene	ND		1.0	0.51	ug/L			03/30/23 19:03	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			03/30/23 19:03	1
trans-1,3-Dichloropropene	ND	*+	1.0	0.37	ug/L			03/30/23 19:03	1
Trichloroethene	ND		1.0	0.46	ug/L			03/30/23 19:03	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			03/30/23 19:03	1
Vinyl chloride	ND		1.0	0.90	ug/L			03/30/23 19:03	1
Xylenes, Total	ND		2.0	0.66	ug/L			03/30/23 19:03	1

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Client Sample Results

Client: Ramboll US Corporation
Project/Site: Forest Glen Monitoring

Job ID: 480-207354-1
SDG: 480-207354-1

Client Sample ID: MW8DD-033023

Lab Sample ID: 480-207370-1

Date Collected: 03/30/23 10:20

Matrix: Water

Date Received: 03/30/23 12:40

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	104		77 - 120		03/30/23 19:03	1
Toluene-d8 (Surr)	100		80 - 120		03/30/23 19:03	1
4-Bromofluorobenzene (Surr)	103		73 - 120		03/30/23 19:03	1
Dibromofluoromethane (Surr)	98		75 - 123		03/30/23 19:03	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride (EPA 300.0)	50.3		1.0	0.56	mg/L			04/11/23 04:45	2
Sulfate (EPA 300.0)	129		4.0	0.70	mg/L			04/11/23 04:45	2
Alkalinity, Bicarbonate (MCAWW 310.2_ASP)	255		50.0	20.0	mg/L			03/31/23 11:28	5
Nitrate as N (EPA 353.2)	0.027	J	0.050	0.020	mg/L	☼		03/30/23 15:43	1
Nitrite as N (EPA 353.2)	ND		0.050	0.020	mg/L			03/30/23 15:43	1
Sulfide (SM 4500 S2 F)	ND		1.0	0.67	mg/L			03/31/23 09:45	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dissolved Organic Carbon - Duplicate (SM 5310C)	5.3		1.0	0.43	mg/L			04/06/23 02:22	1

Client Sample Results

Client: Ramboll US Corporation
Project/Site: Forest Glen Monitoring

Job ID: 480-207354-1
SDG: 480-207354-1

Client Sample ID: MW8D-033023

Lab Sample ID: 480-207370-2

Date Collected: 03/30/23 10:53

Matrix: Water

Date Received: 03/30/23 12:40

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			03/30/23 19:27	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			03/30/23 19:27	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			03/30/23 19:27	1
1,1,2-Trichlorotrifluoroethane	ND		1.0	0.31	ug/L			03/30/23 19:27	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			03/30/23 19:27	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			03/30/23 19:27	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			03/30/23 19:27	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			03/30/23 19:27	1
1,2-Dibromoethane (EDB)	ND		1.0	0.73	ug/L			03/30/23 19:27	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			03/30/23 19:27	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			03/30/23 19:27	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			03/30/23 19:27	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			03/30/23 19:27	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			03/30/23 19:27	1
2-Hexanone	ND		5.0	1.2	ug/L			03/30/23 19:27	1
2-Butanone (MEK)	ND		10	1.3	ug/L			03/30/23 19:27	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			03/30/23 19:27	1
Acetone	ND		10	3.0	ug/L			03/30/23 19:27	1
Benzene	ND		1.0	0.41	ug/L			03/30/23 19:27	1
Bromodichloromethane	ND		1.0	0.39	ug/L			03/30/23 19:27	1
Bromoform	ND		1.0	0.26	ug/L			03/30/23 19:27	1
Bromomethane	ND		1.0	0.69	ug/L			03/30/23 19:27	1
Carbon disulfide	ND		1.0	0.19	ug/L			03/30/23 19:27	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			03/30/23 19:27	1
Chlorobenzene	ND		1.0	0.75	ug/L			03/30/23 19:27	1
Chlorodibromomethane	ND		1.0	0.32	ug/L			03/30/23 19:27	1
Chloroethane	ND		1.0	0.32	ug/L			03/30/23 19:27	1
Chloroform	ND		1.0	0.34	ug/L			03/30/23 19:27	1
Chloromethane	ND		1.0	0.35	ug/L			03/30/23 19:27	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			03/30/23 19:27	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			03/30/23 19:27	1
Cyclohexane	ND		1.0	0.18	ug/L			03/30/23 19:27	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			03/30/23 19:27	1
Ethylbenzene	ND		1.0	0.74	ug/L			03/30/23 19:27	1
Isopropylbenzene	ND		1.0	0.79	ug/L			03/30/23 19:27	1
Methyl acetate	ND		1.3	1.3	ug/L			03/30/23 19:27	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			03/30/23 19:27	1
Methylcyclohexane	ND		1.0	0.16	ug/L			03/30/23 19:27	1
Methylene Chloride	ND		1.0	0.44	ug/L			03/30/23 19:27	1
Styrene	ND		1.0	0.73	ug/L			03/30/23 19:27	1
Tetrachloroethene	ND		1.0	0.36	ug/L			03/30/23 19:27	1
Toluene	ND		1.0	0.51	ug/L			03/30/23 19:27	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			03/30/23 19:27	1
trans-1,3-Dichloropropene	ND	*+	1.0	0.37	ug/L			03/30/23 19:27	1
Trichloroethene	ND		1.0	0.46	ug/L			03/30/23 19:27	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			03/30/23 19:27	1
Vinyl chloride	ND		1.0	0.90	ug/L			03/30/23 19:27	1
Xylenes, Total	ND		2.0	0.66	ug/L			03/30/23 19:27	1

Euofins Buffalo

Client Sample Results

Client: Ramboll US Corporation
Project/Site: Forest Glen Monitoring

Job ID: 480-207354-1
SDG: 480-207354-1

Client Sample ID: MW8D-033023

Lab Sample ID: 480-207370-2

Date Collected: 03/30/23 10:53

Matrix: Water

Date Received: 03/30/23 12:40

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	104		77 - 120		03/30/23 19:27	1
Toluene-d8 (Surr)	98		80 - 120		03/30/23 19:27	1
4-Bromofluorobenzene (Surr)	101		73 - 120		03/30/23 19:27	1
Dibromofluoromethane (Surr)	99		75 - 123		03/30/23 19:27	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride (EPA 300.0)	57.9		1.0	0.56	mg/L			04/11/23 05:04	2
Sulfate (EPA 300.0)	95.0		4.0	0.70	mg/L			04/11/23 05:04	2
Alkalinity, Bicarbonate (MCAWW 310.2_ASP)	318		50.0	20.0	mg/L			03/31/23 11:49	5
Nitrate as N (EPA 353.2)	0.027	J	0.050	0.020	mg/L	☼		03/30/23 15:44	1
Nitrite as N (EPA 353.2)	ND	F1	0.050	0.020	mg/L			03/30/23 15:44	1
Sulfide (SM 4500 S2 F)	ND		1.0	0.67	mg/L			03/31/23 09:45	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dissolved Organic Carbon - Duplicate (SM 5310C)	3.9		1.0	0.43	mg/L			04/06/23 03:20	1

Client Sample Results

Client: Ramboll US Corporation
Project/Site: Forest Glen Monitoring

Job ID: 480-207354-1
SDG: 480-207354-1

Client Sample ID: TRIP BLANK

Lab Sample ID: 480-207370-3

Date Collected: 03/30/23 00:00

Matrix: Water

Date Received: 03/30/23 12:40

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			03/30/23 19:50	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			03/30/23 19:50	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			03/30/23 19:50	1
1,1,2-Trichlorotrifluoroethane	ND		1.0	0.31	ug/L			03/30/23 19:50	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			03/30/23 19:50	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			03/30/23 19:50	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			03/30/23 19:50	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			03/30/23 19:50	1
1,2-Dibromoethane (EDB)	ND		1.0	0.73	ug/L			03/30/23 19:50	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			03/30/23 19:50	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			03/30/23 19:50	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			03/30/23 19:50	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			03/30/23 19:50	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			03/30/23 19:50	1
2-Hexanone	ND		5.0	1.2	ug/L			03/30/23 19:50	1
2-Butanone (MEK)	ND		10	1.3	ug/L			03/30/23 19:50	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			03/30/23 19:50	1
Acetone	ND		10	3.0	ug/L			03/30/23 19:50	1
Benzene	ND		1.0	0.41	ug/L			03/30/23 19:50	1
Bromodichloromethane	ND		1.0	0.39	ug/L			03/30/23 19:50	1
Bromoform	ND		1.0	0.26	ug/L			03/30/23 19:50	1
Bromomethane	ND		1.0	0.69	ug/L			03/30/23 19:50	1
Carbon disulfide	ND		1.0	0.19	ug/L			03/30/23 19:50	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			03/30/23 19:50	1
Chlorobenzene	ND		1.0	0.75	ug/L			03/30/23 19:50	1
Chlorodibromomethane	ND		1.0	0.32	ug/L			03/30/23 19:50	1
Chloroethane	ND		1.0	0.32	ug/L			03/30/23 19:50	1
Chloroform	ND		1.0	0.34	ug/L			03/30/23 19:50	1
Chloromethane	ND		1.0	0.35	ug/L			03/30/23 19:50	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			03/30/23 19:50	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			03/30/23 19:50	1
Cyclohexane	ND		1.0	0.18	ug/L			03/30/23 19:50	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			03/30/23 19:50	1
Ethylbenzene	ND		1.0	0.74	ug/L			03/30/23 19:50	1
Isopropylbenzene	ND		1.0	0.79	ug/L			03/30/23 19:50	1
Methyl acetate	ND		1.3	1.3	ug/L			03/30/23 19:50	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			03/30/23 19:50	1
Methylcyclohexane	ND		1.0	0.16	ug/L			03/30/23 19:50	1
Methylene Chloride	ND		1.0	0.44	ug/L			03/30/23 19:50	1
Styrene	ND		1.0	0.73	ug/L			03/30/23 19:50	1
Tetrachloroethene	ND		1.0	0.36	ug/L			03/30/23 19:50	1
Toluene	ND		1.0	0.51	ug/L			03/30/23 19:50	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			03/30/23 19:50	1
trans-1,3-Dichloropropene	ND	*+	1.0	0.37	ug/L			03/30/23 19:50	1
Trichloroethene	ND		1.0	0.46	ug/L			03/30/23 19:50	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			03/30/23 19:50	1
Vinyl chloride	ND		1.0	0.90	ug/L			03/30/23 19:50	1
Xylenes, Total	ND		2.0	0.66	ug/L			03/30/23 19:50	1

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Client Sample Results

Client: Ramboll US Corporation
Project/Site: Forest Glen Monitoring

Job ID: 480-207354-1
SDG: 480-207354-1

Client Sample ID: TRIP BLANK

Lab Sample ID: 480-207370-3

Date Collected: 03/30/23 00:00

Matrix: Water

Date Received: 03/30/23 12:40

<i>Surrogate</i>	<i>%Recovery</i>	<i>Qualifier</i>	<i>Limits</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Dil Fac</i>
1,2-Dichloroethane-d4 (Surr)	104		77 - 120		03/30/23 19:50	1
Toluene-d8 (Surr)	100		80 - 120		03/30/23 19:50	1
4-Bromofluorobenzene (Surr)	104		73 - 120		03/30/23 19:50	1
Dibromofluoromethane (Surr)	96		75 - 123		03/30/23 19:50	1

Surrogate Summary

Client: Ramboll US Corporation
Project/Site: Forest Glen Monitoring

Job ID: 480-207354-1
SDG: 480-207354-1

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

Matrix: Water

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)			
		DCA (77-120)	TOL (80-120)	BFB (73-120)	DBFM (75-123)
480-207354-1	MW6D 032823	97	97	96	100
480-207354-2	MW1S 032823	98	96	97	99
480-207354-3	MW1D 032823	98	97	99	95
480-207354-4	MW6S 032823	101	96	102	99
480-207354-5	MW5D 032823	101	97	99	98
480-207354-6	MW6DD 032823	98	95	98	99
480-207354-7	MW4S 032823	101	97	100	100
480-207354-8	MW5S 032823	101	99	97	99
480-207354-9	MW4D 032923	100	99	100	100
480-207354-10	MW10D 032923	104	103	98	103
480-207354-10 MS	MW10D 032923	101	104	100	103
480-207354-10 MSD	MW10D 032923	101	104	100	105
480-207354-11	MW7D 032923	101	102	97	104
480-207354-12	MW10S 032923	102	103	97	105
480-207354-13	MW7S 032923	101	104	98	104
480-207354-14	MW8S 032923	101	104	97	104
480-207354-15	MW7DD 032923	103	103	99	106
480-207354-16	DUP 032923	101	95	98	100
480-207354-17	TRIP BLANK	99	97	93	100
480-207370-1	MW8DD-033023	104	100	103	98
480-207370-2	MW8D-033023	104	98	101	99
480-207370-3	TRIP BLANK	104	100	104	96
LCS 480-663279/5	Lab Control Sample	101	98	99	98
LCS 480-663350/6	Lab Control Sample	101	104	101	103
LCS 480-663433/6	Lab Control Sample	100	101	105	99
MB 480-663279/7	Method Blank	99	99	98	95
MB 480-663350/8	Method Blank	104	103	99	105
MB 480-663433/8	Method Blank	103	96	105	98

Surrogate Legend

DCA = 1,2-Dichloroethane-d4 (Surr)

TOL = Toluene-d8 (Surr)

BFB = 4-Bromofluorobenzene (Surr)

DBFM = Dibromofluoromethane (Surr)

QC Sample Results

Client: Ramboll US Corporation
Project/Site: Forest Glen Monitoring

Job ID: 480-207354-1
SDG: 480-207354-1

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

Lab Sample ID: MB 480-663279/7

Matrix: Water

Analysis Batch: 663279

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			03/30/23 10:31	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			03/30/23 10:31	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			03/30/23 10:31	1
1,1,2-Trichlorotrifluoroethane	ND		1.0	0.31	ug/L			03/30/23 10:31	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			03/30/23 10:31	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			03/30/23 10:31	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			03/30/23 10:31	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			03/30/23 10:31	1
1,2-Dibromoethane (EDB)	ND		1.0	0.73	ug/L			03/30/23 10:31	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			03/30/23 10:31	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			03/30/23 10:31	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			03/30/23 10:31	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			03/30/23 10:31	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			03/30/23 10:31	1
2-Hexanone	ND		5.0	1.2	ug/L			03/30/23 10:31	1
2-Butanone (MEK)	ND		10	1.3	ug/L			03/30/23 10:31	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			03/30/23 10:31	1
Acetone	ND		10	3.0	ug/L			03/30/23 10:31	1
Benzene	ND		1.0	0.41	ug/L			03/30/23 10:31	1
Bromodichloromethane	ND		1.0	0.39	ug/L			03/30/23 10:31	1
Bromoform	ND		1.0	0.26	ug/L			03/30/23 10:31	1
Bromomethane	ND		1.0	0.69	ug/L			03/30/23 10:31	1
Carbon disulfide	ND		1.0	0.19	ug/L			03/30/23 10:31	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			03/30/23 10:31	1
Chlorobenzene	ND		1.0	0.75	ug/L			03/30/23 10:31	1
Chlorodibromomethane	ND		1.0	0.32	ug/L			03/30/23 10:31	1
Chloroethane	ND		1.0	0.32	ug/L			03/30/23 10:31	1
Chloroform	ND		1.0	0.34	ug/L			03/30/23 10:31	1
Chloromethane	ND		1.0	0.35	ug/L			03/30/23 10:31	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			03/30/23 10:31	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			03/30/23 10:31	1
Cyclohexane	ND		1.0	0.18	ug/L			03/30/23 10:31	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			03/30/23 10:31	1
Ethylbenzene	ND		1.0	0.74	ug/L			03/30/23 10:31	1
Isopropylbenzene	ND		1.0	0.79	ug/L			03/30/23 10:31	1
Methyl acetate	ND		1.3	1.3	ug/L			03/30/23 10:31	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			03/30/23 10:31	1
Methylcyclohexane	ND		1.0	0.16	ug/L			03/30/23 10:31	1
Methylene Chloride	ND		1.0	0.44	ug/L			03/30/23 10:31	1
Styrene	ND		1.0	0.73	ug/L			03/30/23 10:31	1
Tetrachloroethene	ND		1.0	0.36	ug/L			03/30/23 10:31	1
Toluene	ND		1.0	0.51	ug/L			03/30/23 10:31	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			03/30/23 10:31	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			03/30/23 10:31	1
Trichloroethene	ND		1.0	0.46	ug/L			03/30/23 10:31	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			03/30/23 10:31	1
Vinyl chloride	ND		1.0	0.90	ug/L			03/30/23 10:31	1
Xylenes, Total	ND		2.0	0.66	ug/L			03/30/23 10:31	1

Euofins Buffalo

QC Sample Results

Client: Ramboll US Corporation
Project/Site: Forest Glen Monitoring

Job ID: 480-207354-1
SDG: 480-207354-1

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

Lab Sample ID: MB 480-663279/7

Matrix: Water

Analysis Batch: 663279

Client Sample ID: Method Blank

Prep Type: Total/NA

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	99		77 - 120		03/30/23 10:31	1
Toluene-d8 (Surr)	99		80 - 120		03/30/23 10:31	1
4-Bromofluorobenzene (Surr)	98		73 - 120		03/30/23 10:31	1
Dibromofluoromethane (Surr)	95		75 - 123		03/30/23 10:31	1

Lab Sample ID: LCS 480-663279/5

Matrix: Water

Analysis Batch: 663279

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	23.6		ug/L		94	76 - 120
1,1,2-Trichloroethane	25.0	23.6		ug/L		94	76 - 122
1,1,2-Trichlorotrifluoroethane	25.0	26.2		ug/L		105	61 - 148
1,1-Dichloroethane	25.0	24.2		ug/L		97	77 - 120
1,1-Dichloroethene	25.0	24.0		ug/L		96	66 - 127
1,2,4-Trichlorobenzene	25.0	23.0		ug/L		92	79 - 122
1,2-Dibromo-3-Chloropropane	25.0	21.0		ug/L		84	56 - 134
1,2-Dibromoethane (EDB)	25.0	23.9		ug/L		96	77 - 120
1,2-Dichlorobenzene	25.0	24.4		ug/L		98	80 - 124
1,2-Dichloroethane	25.0	23.6		ug/L		95	75 - 120
1,2-Dichloropropane	25.0	23.9		ug/L		96	76 - 120
1,3-Dichlorobenzene	25.0	24.8		ug/L		99	77 - 120
1,4-Dichlorobenzene	25.0	24.7		ug/L		99	80 - 120
2-Hexanone	125	119		ug/L		95	65 - 127
2-Butanone (MEK)	125	129		ug/L		103	57 - 140
4-Methyl-2-pentanone (MIBK)	125	111		ug/L		89	71 - 125
Acetone	125	140		ug/L		112	56 - 142
Benzene	25.0	24.1		ug/L		96	71 - 124
Bromodichloromethane	25.0	23.5		ug/L		94	80 - 122
Bromoform	25.0	26.0		ug/L		104	61 - 132
Bromomethane	25.0	24.3		ug/L		97	55 - 144
Carbon disulfide	25.0	24.4		ug/L		98	59 - 134
Carbon tetrachloride	25.0	25.1		ug/L		100	72 - 134
Chlorobenzene	25.0	24.3		ug/L		97	80 - 120
Chlorodibromomethane	25.0	25.8		ug/L		103	75 - 125
Chloroethane	25.0	23.7		ug/L		95	69 - 136
Chloroform	25.0	22.2		ug/L		89	73 - 127
Chloromethane	25.0	26.6		ug/L		106	68 - 124
cis-1,2-Dichloroethene	25.0	23.5		ug/L		94	74 - 124
cis-1,3-Dichloropropene	25.0	24.6		ug/L		98	74 - 124
Cyclohexane	25.0	23.0		ug/L		92	59 - 135
Dichlorodifluoromethane	25.0	23.8		ug/L		95	59 - 135
Ethylbenzene	25.0	23.5		ug/L		94	77 - 123
Isopropylbenzene	25.0	24.1		ug/L		96	77 - 122
Methyl acetate	50.0	45.9		ug/L		92	74 - 133
Methyl tert-butyl ether	25.0	22.5		ug/L		90	77 - 120
Methylcyclohexane	25.0	22.3		ug/L		89	68 - 134

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QC Sample Results

Client: Ramboll US Corporation
Project/Site: Forest Glen Monitoring

Job ID: 480-207354-1
SDG: 480-207354-1

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

Lab Sample ID: LCS 480-663279/5

Matrix: Water

Analysis Batch: 663279

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	22.7		ug/L		91	75 - 124
Styrene	25.0	24.0		ug/L		96	80 - 120
Tetrachloroethene	25.0	24.4		ug/L		97	74 - 122
Toluene	25.0	24.0		ug/L		96	80 - 122
trans-1,2-Dichloroethene	25.0	23.7		ug/L		95	73 - 127
trans-1,3-Dichloropropene	25.0	23.5		ug/L		94	80 - 120
Trichloroethene	25.0	24.2		ug/L		97	74 - 123
Trichlorofluoromethane	25.0	26.6		ug/L		106	62 - 150
Vinyl chloride	25.0	24.8		ug/L		99	65 - 133

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	101		77 - 120
Toluene-d8 (Surr)	98		80 - 120
4-Bromofluorobenzene (Surr)	99		73 - 120
Dibromofluoromethane (Surr)	98		75 - 123

Lab Sample ID: MB 480-663350/8

Matrix: Water

Analysis Batch: 663350

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			03/30/23 12:58	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			03/30/23 12:58	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			03/30/23 12:58	1
1,1,2-Trichlorotrifluoroethane	ND		1.0	0.31	ug/L			03/30/23 12:58	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			03/30/23 12:58	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			03/30/23 12:58	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			03/30/23 12:58	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			03/30/23 12:58	1
1,2-Dibromoethane (EDB)	ND		1.0	0.73	ug/L			03/30/23 12:58	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			03/30/23 12:58	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			03/30/23 12:58	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			03/30/23 12:58	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			03/30/23 12:58	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			03/30/23 12:58	1
2-Hexanone	ND		5.0	1.2	ug/L			03/30/23 12:58	1
2-Butanone (MEK)	ND		10	1.3	ug/L			03/30/23 12:58	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			03/30/23 12:58	1
Acetone	ND		10	3.0	ug/L			03/30/23 12:58	1
Benzene	ND		1.0	0.41	ug/L			03/30/23 12:58	1
Bromodichloromethane	ND		1.0	0.39	ug/L			03/30/23 12:58	1
Bromoform	ND		1.0	0.26	ug/L			03/30/23 12:58	1
Bromomethane	ND		1.0	0.69	ug/L			03/30/23 12:58	1
Carbon disulfide	ND		1.0	0.19	ug/L			03/30/23 12:58	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			03/30/23 12:58	1
Chlorobenzene	ND		1.0	0.75	ug/L			03/30/23 12:58	1
Chlorodibromomethane	ND		1.0	0.32	ug/L			03/30/23 12:58	1
Chloroethane	ND		1.0	0.32	ug/L			03/30/23 12:58	1

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QC Sample Results

Client: Ramboll US Corporation
Project/Site: Forest Glen Monitoring

Job ID: 480-207354-1
SDG: 480-207354-1

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

Lab Sample ID: MB 480-663350/8

Matrix: Water

Analysis Batch: 663350

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			03/30/23 12:58	1
Chloromethane	ND		1.0	0.35	ug/L			03/30/23 12:58	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			03/30/23 12:58	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			03/30/23 12:58	1
Cyclohexane	ND		1.0	0.18	ug/L			03/30/23 12:58	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			03/30/23 12:58	1
Ethylbenzene	ND		1.0	0.74	ug/L			03/30/23 12:58	1
Isopropylbenzene	ND		1.0	0.79	ug/L			03/30/23 12:58	1
Methyl acetate	ND		1.3	1.3	ug/L			03/30/23 12:58	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			03/30/23 12:58	1
Methylcyclohexane	ND		1.0	0.16	ug/L			03/30/23 12:58	1
Methylene Chloride	ND		1.0	0.44	ug/L			03/30/23 12:58	1
Styrene	ND		1.0	0.73	ug/L			03/30/23 12:58	1
Tetrachloroethene	ND		1.0	0.36	ug/L			03/30/23 12:58	1
Toluene	ND		1.0	0.51	ug/L			03/30/23 12:58	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			03/30/23 12:58	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			03/30/23 12:58	1
Trichloroethene	ND		1.0	0.46	ug/L			03/30/23 12:58	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			03/30/23 12:58	1
Vinyl chloride	ND		1.0	0.90	ug/L			03/30/23 12:58	1
Xylenes, Total	ND		2.0	0.66	ug/L			03/30/23 12:58	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	104		77 - 120		03/30/23 12:58	1
Toluene-d8 (Surr)	103		80 - 120		03/30/23 12:58	1
4-Bromofluorobenzene (Surr)	99		73 - 120		03/30/23 12:58	1
Dibromofluoromethane (Surr)	105		75 - 123		03/30/23 12:58	1

Lab Sample ID: LCS 480-663350/6

Matrix: Water

Analysis Batch: 663350

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1-Trichloroethane	25.0	23.4		ug/L		94	73 - 126
1,1,2,2-Tetrachloroethane	25.0	24.0		ug/L		96	76 - 120
1,1,2-Trichloroethane	25.0	23.8		ug/L		95	76 - 122
1,1,2-Trichlorotrifluoroethane	25.0	23.6		ug/L		94	61 - 148
1,1-Dichloroethane	25.0	23.6		ug/L		94	77 - 120
1,1-Dichloroethene	25.0	24.3		ug/L		97	66 - 127
1,2,4-Trichlorobenzene	25.0	23.0		ug/L		92	79 - 122
1,2-Dibromo-3-Chloropropane	25.0	23.2		ug/L		93	56 - 134
1,2-Dibromoethane (EDB)	25.0	23.4		ug/L		94	77 - 120
1,2-Dichlorobenzene	25.0	23.1		ug/L		92	80 - 124
1,2-Dichloroethane	25.0	22.8		ug/L		91	75 - 120
1,2-Dichloropropane	25.0	24.4		ug/L		98	76 - 120
1,3-Dichlorobenzene	25.0	23.3		ug/L		93	77 - 120
1,4-Dichlorobenzene	25.0	23.2		ug/L		93	80 - 120
2-Hexanone	125	125		ug/L		100	65 - 127

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QC Sample Results

Client: Ramboll US Corporation
Project/Site: Forest Glen Monitoring

Job ID: 480-207354-1
SDG: 480-207354-1

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

Lab Sample ID: LCS 480-663350/6

Matrix: Water

Analysis Batch: 663350

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	132		ug/L		106	57 - 140
4-Methyl-2-pentanone (MIBK)	125	124		ug/L		99	71 - 125
Acetone	125	147		ug/L		118	56 - 142
Benzene	25.0	23.7		ug/L		95	71 - 124
Bromodichloromethane	25.0	23.1		ug/L		92	80 - 122
Bromoform	25.0	25.1		ug/L		100	61 - 132
Bromomethane	25.0	24.3		ug/L		97	55 - 144
Carbon disulfide	25.0	22.8		ug/L		91	59 - 134
Carbon tetrachloride	25.0	24.6		ug/L		98	72 - 134
Chlorobenzene	25.0	23.2		ug/L		93	80 - 120
Chlorodibromomethane	25.0	24.7		ug/L		99	75 - 125
Chloroethane	25.0	22.1		ug/L		88	69 - 136
Chloroform	25.0	22.7		ug/L		91	73 - 127
Chloromethane	25.0	26.3		ug/L		105	68 - 124
cis-1,2-Dichloroethene	25.0	23.6		ug/L		94	74 - 124
cis-1,3-Dichloropropene	25.0	23.7		ug/L		95	74 - 124
Cyclohexane	25.0	26.3		ug/L		105	59 - 135
Dichlorodifluoromethane	25.0	27.6		ug/L		110	59 - 135
Ethylbenzene	25.0	24.1		ug/L		96	77 - 123
Isopropylbenzene	25.0	23.7		ug/L		95	77 - 122
Methyl acetate	50.0	47.0		ug/L		94	74 - 133
Methyl tert-butyl ether	25.0	21.6		ug/L		87	77 - 120
Methylcyclohexane	25.0	25.6		ug/L		102	68 - 134
Methylene Chloride	25.0	24.1		ug/L		96	75 - 124
Styrene	25.0	24.1		ug/L		96	80 - 120
Tetrachloroethene	25.0	24.3		ug/L		97	74 - 122
Toluene	25.0	23.9		ug/L		96	80 - 122
trans-1,2-Dichloroethene	25.0	23.9		ug/L		96	73 - 127
trans-1,3-Dichloropropene	25.0	23.8		ug/L		95	80 - 120
Trichloroethene	25.0	23.5		ug/L		94	74 - 123
Trichlorofluoromethane	25.0	27.9		ug/L		112	62 - 150
Vinyl chloride	25.0	26.0		ug/L		104	65 - 133

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	101		77 - 120
Toluene-d8 (Surr)	104		80 - 120
4-Bromofluorobenzene (Surr)	101		73 - 120
Dibromofluoromethane (Surr)	103		75 - 123

Lab Sample ID: 480-207354-10 MS

Matrix: Water

Analysis Batch: 663350

Client Sample ID: MW10D 032923

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	27.6		ug/L		110	73 - 126
1,1,2,2-Tetrachloroethane	ND		25.0	25.9		ug/L		104	76 - 120
1,1,2-Trichloroethane	ND		25.0	27.3		ug/L		109	76 - 122
1,1,2-Trichlorotrifluoroethane	ND		25.0	27.6		ug/L		110	61 - 148

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QC Sample Results

Client: Ramboll US Corporation
Project/Site: Forest Glen Monitoring

Job ID: 480-207354-1
SDG: 480-207354-1

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

Lab Sample ID: 480-207354-10 MS

Matrix: Water

Analysis Batch: 663350

Client Sample ID: MW10D 032923

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
1,1-Dichloroethane	ND		25.0	27.8		ug/L		111	77 - 120
1,1-Dichloroethene	ND		25.0	29.1		ug/L		116	66 - 127
1,2,4-Trichlorobenzene	ND		25.0	26.6		ug/L		106	79 - 122
1,2-Dibromo-3-Chloropropane	ND		25.0	26.1		ug/L		104	56 - 134
1,2-Dibromoethane (EDB)	ND		25.0	26.7		ug/L		107	77 - 120
1,2-Dichlorobenzene	ND		25.0	26.6		ug/L		107	80 - 124
1,2-Dichloroethane	ND		25.0	25.9		ug/L		104	75 - 120
1,2-Dichloropropane	ND		25.0	28.2		ug/L		113	76 - 120
1,3-Dichlorobenzene	ND		25.0	27.1		ug/L		108	77 - 120
1,4-Dichlorobenzene	ND		25.0	26.9		ug/L		107	78 - 124
2-Hexanone	ND		125	142		ug/L		114	65 - 127
2-Butanone (MEK)	ND		125	152		ug/L		122	57 - 140
4-Methyl-2-pentanone (MIBK)	ND		125	142		ug/L		114	71 - 125
Acetone	ND		125	159		ug/L		127	56 - 142
Benzene	ND		25.0	28.0		ug/L		112	71 - 124
Bromodichloromethane	ND		25.0	26.0		ug/L		104	80 - 122
Bromoform	ND		25.0	27.4		ug/L		110	61 - 132
Bromomethane	ND		25.0	27.6		ug/L		110	55 - 144
Carbon disulfide	ND		25.0	26.2		ug/L		105	59 - 134
Carbon tetrachloride	ND		25.0	28.7		ug/L		115	72 - 134
Chlorobenzene	ND		25.0	27.3		ug/L		109	80 - 120
Chlorodibromomethane	ND		25.0	27.3		ug/L		109	75 - 125
Chloroethane	ND		25.0	26.2		ug/L		105	69 - 136
Chloroform	ND		25.0	26.1		ug/L		105	73 - 127
Chloromethane	ND	F1	25.0	31.7	F1	ug/L		127	68 - 124
cis-1,2-Dichloroethene	ND		25.0	27.8		ug/L		111	74 - 124
cis-1,3-Dichloropropene	ND		25.0	25.5		ug/L		102	74 - 124
Cyclohexane	ND		25.0	29.6		ug/L		118	59 - 135
Dichlorodifluoromethane	ND		25.0	31.1		ug/L		124	59 - 135
Ethylbenzene	ND		25.0	28.3		ug/L		113	77 - 123
Isopropylbenzene	ND		25.0	27.9		ug/L		111	77 - 122
Methyl acetate	ND		50.0	50.1		ug/L		100	74 - 133
Methyl tert-butyl ether	ND		25.0	24.4		ug/L		98	77 - 120
Methylcyclohexane	ND		25.0	28.8		ug/L		115	68 - 134
Methylene Chloride	ND		25.0	27.6		ug/L		110	75 - 124
Styrene	ND		25.0	28.0		ug/L		112	80 - 120
Tetrachloroethene	ND		25.0	29.1		ug/L		117	74 - 122
Toluene	ND		25.0	27.9		ug/L		112	80 - 122
trans-1,2-Dichloroethene	ND		25.0	28.4		ug/L		114	73 - 127
trans-1,3-Dichloropropene	ND		25.0	25.6		ug/L		103	80 - 120
Trichloroethene	ND		25.0	28.5		ug/L		114	74 - 123
Trichlorofluoromethane	ND		25.0	35.8		ug/L		143	62 - 150
Vinyl chloride	ND		25.0	32.2		ug/L		129	65 - 133

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

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QC Sample Results

Client: Ramboll US Corporation
Project/Site: Forest Glen Monitoring

Job ID: 480-207354-1
SDG: 480-207354-1

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

Lab Sample ID: 480-207354-10 MS

Matrix: Water

Analysis Batch: 663350

Client Sample ID: MW10D 032923

Prep Type: Total/NA

Surrogate	MS %Recovery	MS Qualifier	Limits
Dibromofluoromethane (Surr)	103		75 - 123

Lab Sample ID: 480-207354-10 MSD

Matrix: Water

Analysis Batch: 663350

Client Sample ID: MW10D 032923

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	27.8		ug/L		111	73 - 126	1	15
1,1,2,2-Tetrachloroethane	ND		25.0	26.6		ug/L		107	76 - 120	3	15
1,1,2-Trichloroethane	ND		25.0	26.6		ug/L		107	76 - 122	2	15
1,1,2-Trichlorotrifluoroethane	ND		25.0	25.5		ug/L		102	61 - 148	8	20
1,1-Dichloroethane	ND		25.0	27.8		ug/L		111	77 - 120	0	20
1,1-Dichloroethene	ND		25.0	28.7		ug/L		115	66 - 127	2	16
1,2,4-Trichlorobenzene	ND		25.0	26.9		ug/L		108	79 - 122	1	20
1,2-Dibromo-3-Chloropropane	ND		25.0	27.5		ug/L		110	56 - 134	6	15
1,2-Dibromoethane (EDB)	ND		25.0	26.2		ug/L		105	77 - 120	2	15
1,2-Dichlorobenzene	ND		25.0	26.9		ug/L		108	80 - 124	1	20
1,2-Dichloroethane	ND		25.0	25.7		ug/L		103	75 - 120	1	20
1,2-Dichloropropane	ND		25.0	28.1		ug/L		112	76 - 120	0	20
1,3-Dichlorobenzene	ND		25.0	27.0		ug/L		108	77 - 120	0	20
1,4-Dichlorobenzene	ND		25.0	26.7		ug/L		107	78 - 124	1	20
2-Hexanone	ND		125	143		ug/L		114	65 - 127	0	15
2-Butanone (MEK)	ND		125	153		ug/L		122	57 - 140	1	20
4-Methyl-2-pentanone (MIBK)	ND		125	142		ug/L		114	71 - 125	0	35
Acetone	ND		125	160		ug/L		128	56 - 142	1	15
Benzene	ND		25.0	27.8		ug/L		111	71 - 124	1	13
Bromodichloromethane	ND		25.0	26.2		ug/L		105	80 - 122	1	15
Bromoform	ND		25.0	27.1		ug/L		108	61 - 132	1	15
Bromomethane	ND		25.0	28.1		ug/L		112	55 - 144	2	15
Carbon disulfide	ND		25.0	26.0		ug/L		104	59 - 134	1	15
Carbon tetrachloride	ND		25.0	28.7		ug/L		115	72 - 134	0	15
Chlorobenzene	ND		25.0	26.7		ug/L		107	80 - 120	2	25
Chlorodibromomethane	ND		25.0	27.2		ug/L		109	75 - 125	0	15
Chloroethane	ND		25.0	26.8		ug/L		107	69 - 136	2	15
Chloroform	ND		25.0	26.0		ug/L		104	73 - 127	0	20
Chloromethane	ND	F1	25.0	31.9	F1	ug/L		128	68 - 124	1	15
cis-1,2-Dichloroethene	ND		25.0	27.5		ug/L		110	74 - 124	1	15
cis-1,3-Dichloropropene	ND		25.0	25.7		ug/L		103	74 - 124	1	15
Cyclohexane	ND		25.0	29.2		ug/L		117	59 - 135	2	20
Dichlorodifluoromethane	ND		25.0	31.1		ug/L		124	59 - 135	0	20
Ethylbenzene	ND		25.0	27.8		ug/L		111	77 - 123	2	15
Isopropylbenzene	ND		25.0	28.0		ug/L		112	77 - 122	1	20
Methyl acetate	ND		50.0	49.5		ug/L		99	74 - 133	1	20
Methyl tert-butyl ether	ND		25.0	24.4		ug/L		98	77 - 120	0	37
Methylcyclohexane	ND		25.0	27.7		ug/L		111	68 - 134	4	20
Methylene Chloride	ND		25.0	27.3		ug/L		109	75 - 124	1	15
Styrene	ND		25.0	27.4		ug/L		110	80 - 120	2	20
Tetrachloroethene	ND		25.0	28.9		ug/L		116	74 - 122	1	20

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QC Sample Results

Client: Ramboll US Corporation
Project/Site: Forest Glen Monitoring

Job ID: 480-207354-1
SDG: 480-207354-1

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

Lab Sample ID: 480-207354-10 MSD

Matrix: Water

Analysis Batch: 663350

Client Sample ID: MW10D 032923

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Toluene	ND		25.0	27.5		ug/L		110	80 - 122	1	15
trans-1,2-Dichloroethene	ND		25.0	28.3		ug/L		113	73 - 127	0	20
trans-1,3-Dichloropropene	ND		25.0	25.8		ug/L		103	80 - 120	1	15
Trichloroethene	ND		25.0	27.8		ug/L		111	74 - 123	3	16
Trichlorofluoromethane	ND		25.0	35.6		ug/L		142	62 - 150	0	20
Vinyl chloride	ND		25.0	32.5		ug/L		130	65 - 133	1	15

Surrogate	MSD %Recovery	MSD Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	101		77 - 120
Toluene-d8 (Surr)	104		80 - 120
4-Bromofluorobenzene (Surr)	100		73 - 120
Dibromofluoromethane (Surr)	105		75 - 123

Lab Sample ID: MB 480-663433/8

Matrix: Water

Analysis Batch: 663433

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			03/30/23 16:05	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			03/30/23 16:05	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			03/30/23 16:05	1
1,1,2-Trichlorotrifluoroethane	ND		1.0	0.31	ug/L			03/30/23 16:05	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			03/30/23 16:05	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			03/30/23 16:05	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			03/30/23 16:05	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			03/30/23 16:05	1
1,2-Dibromoethane (EDB)	ND		1.0	0.73	ug/L			03/30/23 16:05	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			03/30/23 16:05	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			03/30/23 16:05	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			03/30/23 16:05	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			03/30/23 16:05	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			03/30/23 16:05	1
2-Hexanone	ND		5.0	1.2	ug/L			03/30/23 16:05	1
2-Butanone (MEK)	ND		10	1.3	ug/L			03/30/23 16:05	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			03/30/23 16:05	1
Acetone	ND		10	3.0	ug/L			03/30/23 16:05	1
Benzene	ND		1.0	0.41	ug/L			03/30/23 16:05	1
Bromodichloromethane	ND		1.0	0.39	ug/L			03/30/23 16:05	1
Bromoform	ND		1.0	0.26	ug/L			03/30/23 16:05	1
Bromomethane	ND		1.0	0.69	ug/L			03/30/23 16:05	1
Carbon disulfide	ND		1.0	0.19	ug/L			03/30/23 16:05	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			03/30/23 16:05	1
Chlorobenzene	ND		1.0	0.75	ug/L			03/30/23 16:05	1
Chlorodibromomethane	ND		1.0	0.32	ug/L			03/30/23 16:05	1
Chloroethane	ND		1.0	0.32	ug/L			03/30/23 16:05	1
Chloroform	ND		1.0	0.34	ug/L			03/30/23 16:05	1
Chloromethane	ND		1.0	0.35	ug/L			03/30/23 16:05	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			03/30/23 16:05	1

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QC Sample Results

Client: Ramboll US Corporation
Project/Site: Forest Glen Monitoring

Job ID: 480-207354-1
SDG: 480-207354-1

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

Lab Sample ID: MB 480-663433/8

Matrix: Water

Analysis Batch: 663433

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			03/30/23 16:05	1
Cyclohexane	ND		1.0	0.18	ug/L			03/30/23 16:05	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			03/30/23 16:05	1
Ethylbenzene	ND		1.0	0.74	ug/L			03/30/23 16:05	1
Isopropylbenzene	ND		1.0	0.79	ug/L			03/30/23 16:05	1
Methyl acetate	ND		1.3	1.3	ug/L			03/30/23 16:05	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			03/30/23 16:05	1
Methylcyclohexane	ND		1.0	0.16	ug/L			03/30/23 16:05	1
Methylene Chloride	ND		1.0	0.44	ug/L			03/30/23 16:05	1
Styrene	ND		1.0	0.73	ug/L			03/30/23 16:05	1
Tetrachloroethene	ND		1.0	0.36	ug/L			03/30/23 16:05	1
Toluene	ND		1.0	0.51	ug/L			03/30/23 16:05	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			03/30/23 16:05	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			03/30/23 16:05	1
Trichloroethene	ND		1.0	0.46	ug/L			03/30/23 16:05	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			03/30/23 16:05	1
Vinyl chloride	ND		1.0	0.90	ug/L			03/30/23 16:05	1
Xylenes, Total	ND		2.0	0.66	ug/L			03/30/23 16:05	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	103		77 - 120		03/30/23 16:05	1
Toluene-d8 (Surr)	96		80 - 120		03/30/23 16:05	1
4-Bromofluorobenzene (Surr)	105		73 - 120		03/30/23 16:05	1
Dibromofluoromethane (Surr)	98		75 - 123		03/30/23 16:05	1

Lab Sample ID: LCS 480-663433/6

Matrix: Water

Analysis Batch: 663433

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	25.8		ug/L		103	73 - 126
1,1,2,2-Tetrachloroethane	25.0	26.7		ug/L		107	76 - 120
1,1,2-Trichloroethane	25.0	26.7		ug/L		107	76 - 122
1,1,2-Trichlorotrifluoroethane	25.0	22.3		ug/L		89	61 - 148
1,1-Dichloroethane	25.0	24.1		ug/L		96	77 - 120
1,1-Dichloroethene	25.0	22.4		ug/L		89	66 - 127
1,2,4-Trichlorobenzene	25.0	22.7		ug/L		91	79 - 122
1,2-Dibromo-3-Chloropropane	25.0	26.9		ug/L		108	56 - 134
1,2-Dibromoethane (EDB)	25.0	27.8		ug/L		111	77 - 120
1,2-Dichlorobenzene	25.0	26.0		ug/L		104	80 - 124
1,2-Dichloroethane	25.0	25.5		ug/L		102	75 - 120
1,2-Dichloropropane	25.0	25.5		ug/L		102	76 - 120
1,3-Dichlorobenzene	25.0	26.2		ug/L		105	77 - 120
1,4-Dichlorobenzene	25.0	25.7		ug/L		103	80 - 120
2-Hexanone	125	148		ug/L		119	65 - 127
2-Butanone (MEK)	125	157		ug/L		125	57 - 140
4-Methyl-2-pentanone (MIBK)	125	135		ug/L		108	71 - 125
Acetone	125	146		ug/L		117	56 - 142

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QC Sample Results

Client: Ramboll US Corporation
Project/Site: Forest Glen Monitoring

Job ID: 480-207354-1
SDG: 480-207354-1

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

Lab Sample ID: LCS 480-663433/6

Matrix: Water

Analysis Batch: 663433

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	25.0	25.7		ug/L		103	71 - 124
Bromodichloromethane	25.0	27.1		ug/L		109	80 - 122
Bromoform	25.0	30.5		ug/L		122	61 - 132
Bromomethane	25.0	25.1		ug/L		101	55 - 144
Carbon disulfide	25.0	24.0		ug/L		96	59 - 134
Carbon tetrachloride	25.0	26.0		ug/L		104	72 - 134
Chlorobenzene	25.0	25.5		ug/L		102	80 - 120
Chlorodibromomethane	25.0	28.5		ug/L		114	75 - 125
Chloroethane	25.0	22.3		ug/L		89	69 - 136
Chloroform	25.0	23.3		ug/L		93	73 - 127
Chloromethane	25.0	22.4		ug/L		90	68 - 124
cis-1,2-Dichloroethene	25.0	25.3		ug/L		101	74 - 124
cis-1,3-Dichloropropene	25.0	29.2		ug/L		117	74 - 124
Cyclohexane	25.0	24.4		ug/L		98	59 - 135
Dichlorodifluoromethane	25.0	26.1		ug/L		104	59 - 135
Ethylbenzene	25.0	27.0		ug/L		108	77 - 123
Isopropylbenzene	25.0	27.4		ug/L		110	77 - 122
Methyl acetate	50.0	50.5		ug/L		101	74 - 133
Methyl tert-butyl ether	25.0	24.8		ug/L		99	77 - 120
Methylcyclohexane	25.0	25.3		ug/L		101	68 - 134
Methylene Chloride	25.0	24.8		ug/L		99	75 - 124
Styrene	25.0	28.0		ug/L		112	80 - 120
Tetrachloroethene	25.0	27.2		ug/L		109	74 - 122
Toluene	25.0	25.6		ug/L		102	80 - 122
trans-1,2-Dichloroethene	25.0	23.5		ug/L		94	73 - 127
trans-1,3-Dichloropropene	25.0	30.4	*+	ug/L		122	80 - 120
Trichloroethene	25.0	25.2		ug/L		101	74 - 123
Trichlorofluoromethane	25.0	24.4		ug/L		97	62 - 150
Vinyl chloride	25.0	23.9		ug/L		96	65 - 133

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	100		77 - 120
Toluene-d8 (Surr)	101		80 - 120
4-Bromofluorobenzene (Surr)	105		73 - 120
Dibromofluoromethane (Surr)	99		75 - 123

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 480-664044/28

Matrix: Water

Analysis Batch: 664044

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			04/06/23 04:03	1
Sulfate	ND		2.0	0.35	mg/L			04/06/23 04:03	1

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QC Sample Results

Client: Ramboll US Corporation
Project/Site: Forest Glen Monitoring

Job ID: 480-207354-1
SDG: 480-207354-1

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: LCS 480-664044/29

Matrix: Water

Analysis Batch: 664044

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	52.17		mg/L		104	90 - 110
Sulfate	50.1	52.15		mg/L		104	90 - 110

Lab Sample ID: 480-207354-10 MS

Matrix: Water

Analysis Batch: 664044

Client Sample ID: MW10D 032923

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	340		250	566.3		mg/L		90	81 - 120
Sulfate	222		250	453.1		mg/L		92	80 - 120

Lab Sample ID: 480-207354-10 MSD

Matrix: Water

Analysis Batch: 664044

Client Sample ID: MW10D 032923

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	340		250	570.6		mg/L		92	81 - 120	1	15
Sulfate	222		250	456.5		mg/L		94	80 - 120	1	15

Lab Sample ID: MB 480-664548/28

Matrix: Water

Analysis Batch: 664548

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			04/10/23 22:48	1
Sulfate	ND		2.0	0.35	mg/L			04/10/23 22:48	1

Lab Sample ID: MB 480-664548/4

Matrix: Water

Analysis Batch: 664548

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			04/10/23 15:17	1
Sulfate	ND		2.0	0.35	mg/L			04/10/23 15:17	1

Lab Sample ID: LCS 480-664548/29

Matrix: Water

Analysis Batch: 664548

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	50.1	48.12		mg/L		96	90 - 110

Lab Sample ID: LCS 480-664548/5

Matrix: Water

Analysis Batch: 664548

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	54.18		mg/L		108	90 - 110
Sulfate	50.1	54.26		mg/L		108	90 - 110

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QC Sample Results

Client: Ramboll US Corporation
Project/Site: Forest Glen Monitoring

Job ID: 480-207354-1
SDG: 480-207354-1

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: 480-207354-2 MS

Matrix: Water

Analysis Batch: 664548

Client Sample ID: MW1S 032823

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	1190		1000	2086		mg/L		89	81 - 120
Sulfate	231		1000	1175		mg/L		94	80 - 120

Lab Sample ID: 480-207354-8 MS

Matrix: Water

Analysis Batch: 664548

Client Sample ID: MW5S 032823

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	280		250	504.1		mg/L		89	81 - 120
Sulfate	68.2		250	302.5		mg/L		94	80 - 120

Lab Sample ID: 480-207354-8 MSD

Matrix: Water

Analysis Batch: 664548

Client Sample ID: MW5S 032823

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	280		250	506.2		mg/L		90	81 - 120	0	15
Sulfate	68.2		250	304.4		mg/L		94	80 - 120	1	15

Lab Sample ID: 480-207370-2 MS

Matrix: Water

Analysis Batch: 664548

Client Sample ID: MW8D-033023

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	57.9		100	150.4		mg/L		92	81 - 120
Sulfate	95.0		100	185.3		mg/L		90	80 - 120

Method: 310.2_ASP - Alkalinity - Colorimetric

Lab Sample ID: MB 480-663593/106

Matrix: Water

Analysis Batch: 663593

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			03/31/23 10:44	1

Lab Sample ID: MB 480-663593/114

Matrix: Water

Analysis Batch: 663593

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			03/31/23 11:02	1

Lab Sample ID: MB 480-663593/127

Matrix: Water

Analysis Batch: 663593

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			03/31/23 11:09	1

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QC Sample Results

Client: Ramboll US Corporation
Project/Site: Forest Glen Monitoring

Job ID: 480-207354-1
SDG: 480-207354-1

Method: 310.2_ASP - Alkalinity - Colorimetric (Continued)

Lab Sample ID: MB 480-663593/141

Matrix: Water

Analysis Batch: 663593

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			03/31/23 11:16	1

Lab Sample ID: MB 480-663593/156

Matrix: Water

Analysis Batch: 663593

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			03/31/23 11:23	1

Lab Sample ID: MB 480-663593/163

Matrix: Water

Analysis Batch: 663593

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			03/31/23 11:27	1

Lab Sample ID: MB 480-663593/175

Matrix: Water

Analysis Batch: 663593

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			03/31/23 11:34	1

Lab Sample ID: MB 480-663593/180

Matrix: Water

Analysis Batch: 663593

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			03/31/23 11:44	1

Lab Sample ID: LCS 480-663593/113

Matrix: Water

Analysis Batch: 663593

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	52.36		mg/L		105	90 - 110

Lab Sample ID: LCS 480-663593/125

Matrix: Water

Analysis Batch: 663593

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	51.08		mg/L		102	90 - 110

Lab Sample ID: LCS 480-663593/140

Matrix: Water

Analysis Batch: 663593

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	49.26		mg/L		99	90 - 110

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QC Sample Results

Client: Ramboll US Corporation
Project/Site: Forest Glen Monitoring

Job ID: 480-207354-1
SDG: 480-207354-1

Method: 310.2_ASP - Alkalinity - Colorimetric

Lab Sample ID: LCS 480-663593/162

Matrix: Water

Analysis Batch: 663593

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	50.79		mg/L		102	90 - 110

Lab Sample ID: LCS 480-663593/179

Matrix: Water

Analysis Batch: 663593

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	50.42		mg/L		101	90 - 110

Lab Sample ID: 480-207354-3 MS

Matrix: Water

Analysis Batch: 663593

Client Sample ID: MW1D 032823

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Alkalinity, Bicarbonate	387		20.0	414.1	4	mg/L		136	60 - 140

Lab Sample ID: 480-207354-3 MSD

Matrix: Water

Analysis Batch: 663593

Client Sample ID: MW1D 032823

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	387		20.0	406.9	4	mg/L		100	60 - 140	2	20

Lab Sample ID: 480-207354-8 MS

Matrix: Water

Analysis Batch: 663593

Client Sample ID: MW5S 032823

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Alkalinity, Bicarbonate	201		20.0	229.3	4	mg/L		140	60 - 140

Lab Sample ID: 480-207354-8 MSD

Matrix: Water

Analysis Batch: 663593

Client Sample ID: MW5S 032823

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	201		20.0	231.2	4	mg/L		150	60 - 140	1	20

Lab Sample ID: 480-207354-10 MS

Matrix: Water

Analysis Batch: 663593

Client Sample ID: MW10D 032923

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Alkalinity, Bicarbonate	318		20.0	353.3	4	mg/L		176	60 - 140

Lab Sample ID: 480-207354-10 MSD

Matrix: Water

Analysis Batch: 663593

Client Sample ID: MW10D 032923

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	318		20.0	349.0	4	mg/L		155	60 - 140	1	20

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QC Sample Results

Client: Ramboll US Corporation
Project/Site: Forest Glen Monitoring

Job ID: 480-207354-1
SDG: 480-207354-1

Method: 353.2 - Nitrogen, Nitrite

Lab Sample ID: MB 480-663471/6

Matrix: Water

Analysis Batch: 663471

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	0.0220	J	0.050	0.020	mg/L			03/30/23 14:28	1

Lab Sample ID: LCS 480-663471/5

Matrix: Water

Analysis Batch: 663471

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	1.47		mg/L		98	90 - 110

Lab Sample ID: 480-207354-10 MS

Matrix: Water

Analysis Batch: 663471

Client Sample ID: MW10D 032923

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Nitrite as N	ND	F1	1.00	1.21	F1	mg/L		121	90 - 110

Lab Sample ID: 480-207354-10 DU

Matrix: Water

Analysis Batch: 663471

Client Sample ID: MW10D 032923

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Nitrite as N	ND	F1	ND		mg/L		NC	20

Lab Sample ID: MB 480-663480/6

Matrix: Water

Analysis Batch: 663480

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	0.0230	J	0.050	0.020	mg/L			03/30/23 15:43	1

Lab Sample ID: LCS 480-663480/5

Matrix: Water

Analysis Batch: 663480

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: 480-207370-2 MS

Matrix: Water

Analysis Batch: 663480

Client Sample ID: MW8D-033023

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Nitrite as N	ND	F1	1.00	1.19	F1	mg/L		119	90 - 110

Lab Sample ID: 480-207370-2 DU

Matrix: Water

Analysis Batch: 663480

Client Sample ID: MW8D-033023

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Nitrite as N	ND	F1	ND		mg/L		NC	20

Eurofins Buffalo

QC Sample Results

Client: Ramboll US Corporation
Project/Site: Forest Glen Monitoring

Job ID: 480-207354-1
SDG: 480-207354-1

Method: 353.2 - Nitrogen, Nitrite

Lab Sample ID: MB 480-663629/5
Matrix: Water
Analysis Batch: 663629

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	0.0220	J	0.050	0.020	mg/L			03/31/23 15:22	1

Lab Sample ID: MB 480-663629/9
Matrix: Water
Analysis Batch: 663629

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	0.0210	J	0.050	0.020	mg/L			03/31/23 15:27	1

Lab Sample ID: LCS 480-663629/8
Matrix: Water
Analysis Batch: 663629

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	1.44		mg/L		96	90 - 110

Method: SM 4500 S2 F - Sulfide, Total

Lab Sample ID: MB 480-663585/3
Matrix: Water
Analysis Batch: 663585

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			03/31/23 09:45	1

Lab Sample ID: LCS 480-663585/4
Matrix: Water
Analysis Batch: 663585

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Sulfide	5.20	5.20		mg/L		100	90 - 110

Lab Sample ID: 480-207354-10 MS
Matrix: Water
Analysis Batch: 663585

Client Sample ID: MW10D 032923
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Sulfide	ND	F2	1.90	2.00		mg/L		105	40 - 150

Lab Sample ID: 480-207354-10 MSD
Matrix: Water
Analysis Batch: 663585

Client Sample ID: MW10D 032923
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	F2	1.90	1.60	F2	mg/L		84	40 - 150	22	20

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QC Sample Results

Client: Ramboll US Corporation
Project/Site: Forest Glen Monitoring

Job ID: 480-207354-1
SDG: 480-207354-1

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

Lab Sample ID: MB 480-663848/3
Matrix: Water
Analysis Batch: 663848

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			04/04/23 09:00	1

Lab Sample ID: LCS 480-663848/4
Matrix: Water
Analysis Batch: 663848

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Sulfide	5.60	5.60		mg/L		100	90 - 110

Lab Sample ID: 480-207354-1 DU
Matrix: Water
Analysis Batch: 663848

Client Sample ID: MW6D 032823
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	Limit
Sulfide	ND		ND		mg/L		NC	20

Method: SM 5310C - Organic Carbon, Dissolved (DOC)

Lab Sample ID: MB 480-664237/29
Matrix: Water
Analysis Batch: 664237

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			04/05/23 07:51	1

Lab Sample ID: MB 480-664237/5
Matrix: Water
Analysis Batch: 664237

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			04/04/23 20:11	1

Lab Sample ID: MB 480-664237/53
Matrix: Water
Analysis Batch: 664237

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			04/05/23 19:32	1

Lab Sample ID: LCS 480-664237/30
Matrix: Water
Analysis Batch: 664237

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	56.18		mg/L		94	90 - 110

QC Sample Results

Client: Ramboll US Corporation
Project/Site: Forest Glen Monitoring

Job ID: 480-207354-1
SDG: 480-207354-1

Method: SM 5310C - Organic Carbon, Dissolved (DOC) (Continued)

Lab Sample ID: LCS 480-664237/54

Matrix: Water

Analysis Batch: 664237

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	56.00		mg/L		93	90 - 110

Lab Sample ID: LCS 480-664237/6

Matrix: Water

Analysis Batch: 664237

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	56.73		mg/L		95	90 - 110

Lab Sample ID: 480-207354-6 MS

Matrix: Water

Analysis Batch: 664237

Client Sample ID: MW6DD 032823

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	26.74		mg/L		95	54 - 131

Lab Sample ID: 480-207354-10 MS

Matrix: Water

Analysis Batch: 664237

Client Sample ID: MW10D 032923

Prep Type: Dissolved

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Dissolved Organic Carbon - Duplicate	3.2		23.3	24.97		mg/L		94	54 - 131

Lab Sample ID: 480-207354-10 MSD

Matrix: Water

Analysis Batch: 664237

Client Sample ID: MW10D 032923

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	3.2		23.3	25.90		mg/L		98	54 - 131	4	20

Lab Sample ID: 480-207354-13 MS

Matrix: Water

Analysis Batch: 664237

Client Sample ID: MW7S 032923

Prep Type: Dissolved

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Dissolved Organic Carbon - Duplicate	4.6		23.3	27.45		mg/L		98	54 - 131

Lab Sample ID: 480-207370-1 MS

Matrix: Water

Analysis Batch: 664237

Client Sample ID: MW8DD-033023

Prep Type: Dissolved

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Dissolved Organic Carbon - Duplicate	5.3		23.3	30.46		mg/L		108	54 - 131

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QC Sample Results

Client: Ramboll US Corporation
Project/Site: Forest Glen Monitoring

Job ID: 480-207354-1
SDG: 480-207354-1

Method: SM 5310C - Organic Carbon, Dissolved (DOC) (Continued)

Lab Sample ID: 480-207354-7 DU

Matrix: Water

Analysis Batch: 664237

Client Sample ID: MW4S 032823

Prep Type: Dissolved

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Dissolved Organic Carbon - Duplicate	3.2		3.68		mg/L		16	20

Lab Sample ID: 480-207354-14 DU

Matrix: Water

Analysis Batch: 664237

Client Sample ID: MW8S 032923

Prep Type: Dissolved

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Dissolved Organic Carbon - Duplicate	1.7		1.78		mg/L		4	20

QC Association Summary

Client: Ramboll US Corporation
Project/Site: Forest Glen Monitoring

Job ID: 480-207354-1
SDG: 480-207354-1

GC/MS VOA

Analysis Batch: 663279

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-207354-1	MW6D 032823	Total/NA	Water	8260C	
480-207354-2	MW1S 032823	Total/NA	Water	8260C	
480-207354-3	MW1D 032823	Total/NA	Water	8260C	
480-207354-4	MW6S 032823	Total/NA	Water	8260C	
480-207354-5	MW5D 032823	Total/NA	Water	8260C	
480-207354-6	MW6DD 032823	Total/NA	Water	8260C	
480-207354-7	MW4S 032823	Total/NA	Water	8260C	
480-207354-8	MW5S 032823	Total/NA	Water	8260C	
480-207354-9	MW4D 032923	Total/NA	Water	8260C	
480-207354-16	DUP 032923	Total/NA	Water	8260C	
480-207354-17	TRIP BLANK	Total/NA	Water	8260C	
MB 480-663279/7	Method Blank	Total/NA	Water	8260C	
LCS 480-663279/5	Lab Control Sample	Total/NA	Water	8260C	

Analysis Batch: 663350

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-207354-10	MW10D 032923	Total/NA	Water	8260C	
480-207354-11	MW7D 032923	Total/NA	Water	8260C	
480-207354-12	MW10S 032923	Total/NA	Water	8260C	
480-207354-13	MW7S 032923	Total/NA	Water	8260C	
480-207354-14	MW8S 032923	Total/NA	Water	8260C	
480-207354-15	MW7DD 032923	Total/NA	Water	8260C	
MB 480-663350/8	Method Blank	Total/NA	Water	8260C	
LCS 480-663350/6	Lab Control Sample	Total/NA	Water	8260C	
480-207354-10 MS	MW10D 032923	Total/NA	Water	8260C	
480-207354-10 MSD	MW10D 032923	Total/NA	Water	8260C	

Analysis Batch: 663433

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-207370-1	MW8DD-033023	Total/NA	Water	8260C	
480-207370-2	MW8D-033023	Total/NA	Water	8260C	
480-207370-3	TRIP BLANK	Total/NA	Water	8260C	
MB 480-663433/8	Method Blank	Total/NA	Water	8260C	
LCS 480-663433/6	Lab Control Sample	Total/NA	Water	8260C	

General Chemistry

Analysis Batch: 663471

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-207354-6	MW6DD 032823	Total/NA	Water	353.2	
480-207354-7	MW4S 032823	Total/NA	Water	353.2	
480-207354-10	MW10D 032923	Total/NA	Water	353.2	
480-207354-11	MW7D 032923	Total/NA	Water	353.2	
480-207354-13	MW7S 032923	Total/NA	Water	353.2	
480-207354-14	MW8S 032923	Total/NA	Water	353.2	
480-207354-15	MW7DD 032923	Total/NA	Water	353.2	
MB 480-663471/6	Method Blank	Total/NA	Water	353.2	
LCS 480-663471/5	Lab Control Sample	Total/NA	Water	353.2	
480-207354-10 MS	MW10D 032923	Total/NA	Water	353.2	
480-207354-10 DU	MW10D 032923	Total/NA	Water	353.2	

QC Association Summary

Client: Ramboll US Corporation
Project/Site: Forest Glen Monitoring

Job ID: 480-207354-1
SDG: 480-207354-1

General Chemistry

Analysis Batch: 663480

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-207370-1	MW8DD-033023	Total/NA	Water	353.2	
480-207370-2	MW8D-033023	Total/NA	Water	353.2	
MB 480-663480/6	Method Blank	Total/NA	Water	353.2	
LCS 480-663480/5	Lab Control Sample	Total/NA	Water	353.2	
480-207370-2 MS	MW8D-033023	Total/NA	Water	353.2	
480-207370-2 DU	MW8D-033023	Total/NA	Water	353.2	

Analysis Batch: 663493

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-207370-1	MW8DD-033023	Total/NA	Water	353.2	
480-207370-2	MW8D-033023	Total/NA	Water	353.2	

Analysis Batch: 663501

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-207354-1	MW6D 032823	Total/NA	Water	353.2	
480-207354-2	MW1S 032823	Total/NA	Water	353.2	
480-207354-3	MW1D 032823	Total/NA	Water	353.2	
480-207354-4	MW6S 032823	Total/NA	Water	353.2	
480-207354-5	MW5D 032823	Total/NA	Water	353.2	
480-207354-8	MW5S 032823	Total/NA	Water	353.2	
480-207354-9	MW4D 032923	Total/NA	Water	353.2	
480-207354-12	MW10S 032923	Total/NA	Water	353.2	
480-207354-16	DUP 032923	Total/NA	Water	353.2	

Analysis Batch: 663502

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-207354-1	MW6D 032823	Total/NA	Water	353.2	
480-207354-2	MW1S 032823	Total/NA	Water	353.2	
480-207354-3	MW1D 032823	Total/NA	Water	353.2	
480-207354-4	MW6S 032823	Total/NA	Water	353.2	
480-207354-5	MW5D 032823	Total/NA	Water	353.2	
480-207354-6	MW6DD 032823	Total/NA	Water	353.2	
480-207354-7	MW4S 032823	Total/NA	Water	353.2	
480-207354-8	MW5S 032823	Total/NA	Water	353.2	
480-207354-9	MW4D 032923	Total/NA	Water	353.2	
480-207354-10	MW10D 032923	Total/NA	Water	353.2	
480-207354-11	MW7D 032923	Total/NA	Water	353.2	
480-207354-12	MW10S 032923	Total/NA	Water	353.2	
480-207354-13	MW7S 032923	Total/NA	Water	353.2	
480-207354-14	MW8S 032923	Total/NA	Water	353.2	
480-207354-15	MW7DD 032923	Total/NA	Water	353.2	
480-207354-16	DUP 032923	Total/NA	Water	353.2	

Analysis Batch: 663585

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-207354-9	MW4D 032923	Total/NA	Water	SM 4500 S2 F	
480-207354-10	MW10D 032923	Total/NA	Water	SM 4500 S2 F	
480-207354-11	MW7D 032923	Total/NA	Water	SM 4500 S2 F	
480-207354-12	MW10S 032923	Total/NA	Water	SM 4500 S2 F	
480-207354-13	MW7S 032923	Total/NA	Water	SM 4500 S2 F	
480-207354-14	MW8S 032923	Total/NA	Water	SM 4500 S2 F	

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QC Association Summary

Client: Ramboll US Corporation
Project/Site: Forest Glen Monitoring

Job ID: 480-207354-1
SDG: 480-207354-1

General Chemistry (Continued)

Analysis Batch: 663585 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-207354-15	MW7DD 032923	Total/NA	Water	SM 4500 S2 F	
480-207354-16	DUP 032923	Total/NA	Water	SM 4500 S2 F	
480-207370-1	MW8DD-033023	Total/NA	Water	SM 4500 S2 F	
480-207370-2	MW8D-033023	Total/NA	Water	SM 4500 S2 F	
MB 480-663585/3	Method Blank	Total/NA	Water	SM 4500 S2 F	
LCS 480-663585/4	Lab Control Sample	Total/NA	Water	SM 4500 S2 F	
480-207354-10 MS	MW10D 032923	Total/NA	Water	SM 4500 S2 F	
480-207354-10 MSD	MW10D 032923	Total/NA	Water	SM 4500 S2 F	

Analysis Batch: 663593

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-207354-1	MW6D 032823	Total/NA	Water	310.2_ASP	
480-207354-2	MW1S 032823	Total/NA	Water	310.2_ASP	
480-207354-3	MW1D 032823	Total/NA	Water	310.2_ASP	
480-207354-4	MW6S 032823	Total/NA	Water	310.2_ASP	
480-207354-5	MW5D 032823	Total/NA	Water	310.2_ASP	
480-207354-6	MW6DD 032823	Total/NA	Water	310.2_ASP	
480-207354-7	MW4S 032823	Total/NA	Water	310.2_ASP	
480-207354-8	MW5S 032823	Total/NA	Water	310.2_ASP	
480-207354-9	MW4D 032923	Total/NA	Water	310.2_ASP	
480-207354-10	MW10D 032923	Total/NA	Water	310.2_ASP	
480-207354-11	MW7D 032923	Total/NA	Water	310.2_ASP	
480-207354-12	MW10S 032923	Total/NA	Water	310.2_ASP	
480-207354-13	MW7S 032923	Total/NA	Water	310.2_ASP	
480-207354-14	MW8S 032923	Total/NA	Water	310.2_ASP	
480-207354-15	MW7DD 032923	Total/NA	Water	310.2_ASP	
480-207354-16	DUP 032923	Total/NA	Water	310.2_ASP	
480-207370-1	MW8DD-033023	Total/NA	Water	310.2_ASP	
480-207370-2	MW8D-033023	Total/NA	Water	310.2_ASP	
MB 480-663593/106	Method Blank	Total/NA	Water	310.2_ASP	
MB 480-663593/114	Method Blank	Total/NA	Water	310.2_ASP	
MB 480-663593/127	Method Blank	Total/NA	Water	310.2_ASP	
MB 480-663593/141	Method Blank	Total/NA	Water	310.2_ASP	
MB 480-663593/156	Method Blank	Total/NA	Water	310.2_ASP	
MB 480-663593/163	Method Blank	Total/NA	Water	310.2_ASP	
MB 480-663593/175	Method Blank	Total/NA	Water	310.2_ASP	
MB 480-663593/180	Method Blank	Total/NA	Water	310.2_ASP	
LCS 480-663593/113	Lab Control Sample	Total/NA	Water	310.2_ASP	
LCS 480-663593/125	Lab Control Sample	Total/NA	Water	310.2_ASP	
LCS 480-663593/140	Lab Control Sample	Total/NA	Water	310.2_ASP	
LCS 480-663593/162	Lab Control Sample	Total/NA	Water	310.2_ASP	
LCS 480-663593/179	Lab Control Sample	Total/NA	Water	310.2_ASP	
480-207354-3 MS	MW1D 032823	Total/NA	Water	310.2_ASP	
480-207354-3 MSD	MW1D 032823	Total/NA	Water	310.2_ASP	
480-207354-8 MS	MW5S 032823	Total/NA	Water	310.2_ASP	
480-207354-8 MSD	MW5S 032823	Total/NA	Water	310.2_ASP	
480-207354-10 MS	MW10D 032923	Total/NA	Water	310.2_ASP	
480-207354-10 MSD	MW10D 032923	Total/NA	Water	310.2_ASP	

QC Association Summary

Client: Ramboll US Corporation
Project/Site: Forest Glen Monitoring

Job ID: 480-207354-1
SDG: 480-207354-1

General Chemistry

Analysis Batch: 663629

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 480-663629/5	Method Blank	Total/NA	Water	353.2	
MB 480-663629/9	Method Blank	Total/NA	Water	353.2	
LCS 480-663629/8	Lab Control Sample	Total/NA	Water	353.2	

Analysis Batch: 663848

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-207354-1	MW6D 032823	Total/NA	Water	SM 4500 S2 F	
480-207354-2	MW1S 032823	Total/NA	Water	SM 4500 S2 F	
480-207354-3	MW1D 032823	Total/NA	Water	SM 4500 S2 F	
480-207354-4	MW6S 032823	Total/NA	Water	SM 4500 S2 F	
480-207354-5	MW5D 032823	Total/NA	Water	SM 4500 S2 F	
480-207354-6	MW6DD 032823	Total/NA	Water	SM 4500 S2 F	
480-207354-7	MW4S 032823	Total/NA	Water	SM 4500 S2 F	
480-207354-8	MW5S 032823	Total/NA	Water	SM 4500 S2 F	
MB 480-663848/3	Method Blank	Total/NA	Water	SM 4500 S2 F	
LCS 480-663848/4	Lab Control Sample	Total/NA	Water	SM 4500 S2 F	
480-207354-2 MS	MW1S 032823	Total/NA	Water	SM 4500 S2 F	
480-207354-1 DU	MW6D 032823	Total/NA	Water	SM 4500 S2 F	

Analysis Batch: 664044

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-207354-10	MW10D 032923	Total/NA	Water	300.0	
MB 480-664044/28	Method Blank	Total/NA	Water	300.0	
LCS 480-664044/29	Lab Control Sample	Total/NA	Water	300.0	
480-207354-10 MS	MW10D 032923	Total/NA	Water	300.0	
480-207354-10 MSD	MW10D 032923	Total/NA	Water	300.0	

Analysis Batch: 664237

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-207354-1	MW6D 032823	Dissolved	Water	SM 5310C	
480-207354-2	MW1S 032823	Dissolved	Water	SM 5310C	
480-207354-3	MW1D 032823	Dissolved	Water	SM 5310C	
480-207354-4	MW6S 032823	Dissolved	Water	SM 5310C	
480-207354-5	MW5D 032823	Dissolved	Water	SM 5310C	
480-207354-6	MW6DD 032823	Dissolved	Water	SM 5310C	
480-207354-7	MW4S 032823	Dissolved	Water	SM 5310C	
480-207354-8	MW5S 032823	Dissolved	Water	SM 5310C	
480-207354-9	MW4D 032923	Dissolved	Water	SM 5310C	
480-207354-10	MW10D 032923	Dissolved	Water	SM 5310C	
480-207354-11	MW7D 032923	Dissolved	Water	SM 5310C	
480-207354-12	MW10S 032923	Dissolved	Water	SM 5310C	
480-207354-13	MW7S 032923	Dissolved	Water	SM 5310C	
480-207354-14	MW8S 032923	Dissolved	Water	SM 5310C	
480-207354-15	MW7DD 032923	Dissolved	Water	SM 5310C	
480-207354-16	DUP 032923	Dissolved	Water	SM 5310C	
480-207370-1	MW8DD-033023	Dissolved	Water	SM 5310C	
480-207370-2	MW8D-033023	Dissolved	Water	SM 5310C	
MB 480-664237/29	Method Blank	Dissolved	Water	SM 5310C	
MB 480-664237/5	Method Blank	Dissolved	Water	SM 5310C	
MB 480-664237/53	Method Blank	Dissolved	Water	SM 5310C	
LCS 480-664237/30	Lab Control Sample	Dissolved	Water	SM 5310C	

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QC Association Summary

Client: Ramboll US Corporation
Project/Site: Forest Glen Monitoring

Job ID: 480-207354-1
SDG: 480-207354-1

General Chemistry (Continued)

Analysis Batch: 664237 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 480-664237/54	Lab Control Sample	Dissolved	Water	SM 5310C	
LCS 480-664237/6	Lab Control Sample	Dissolved	Water	SM 5310C	
480-207354-6 MS	MW6DD 032823	Dissolved	Water	SM 5310C	
480-207354-10 MS	MW10D 032923	Dissolved	Water	SM 5310C	
480-207354-10 MSD	MW10D 032923	Dissolved	Water	SM 5310C	
480-207354-13 MS	MW7S 032923	Dissolved	Water	SM 5310C	
480-207370-1 MS	MW8DD-033023	Dissolved	Water	SM 5310C	
480-207354-7 DU	MW4S 032823	Dissolved	Water	SM 5310C	
480-207354-14 DU	MW8S 032923	Dissolved	Water	SM 5310C	

Analysis Batch: 664548

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-207354-1	MW6D 032823	Total/NA	Water	300.0	
480-207354-2	MW1S 032823	Total/NA	Water	300.0	
480-207354-3	MW1D 032823	Total/NA	Water	300.0	
480-207354-4	MW6S 032823	Total/NA	Water	300.0	
480-207354-5	MW5D 032823	Total/NA	Water	300.0	
480-207354-6	MW6DD 032823	Total/NA	Water	300.0	
480-207354-7	MW4S 032823	Total/NA	Water	300.0	
480-207354-8	MW5S 032823	Total/NA	Water	300.0	
480-207354-9	MW4D 032923	Total/NA	Water	300.0	
480-207354-11	MW7D 032923	Total/NA	Water	300.0	
480-207354-12	MW10S 032923	Total/NA	Water	300.0	
480-207354-13	MW7S 032923	Total/NA	Water	300.0	
480-207354-14	MW8S 032923	Total/NA	Water	300.0	
480-207354-15	MW7DD 032923	Total/NA	Water	300.0	
480-207354-16	DUP 032923	Total/NA	Water	300.0	
480-207370-1	MW8DD-033023	Total/NA	Water	300.0	
480-207370-2	MW8D-033023	Total/NA	Water	300.0	
MB 480-664548/28	Method Blank	Total/NA	Water	300.0	
MB 480-664548/4	Method Blank	Total/NA	Water	300.0	
LCS 480-664548/29	Lab Control Sample	Total/NA	Water	300.0	
LCS 480-664548/5	Lab Control Sample	Total/NA	Water	300.0	
480-207354-2 MS	MW1S 032823	Total/NA	Water	300.0	
480-207354-8 MS	MW5S 032823	Total/NA	Water	300.0	
480-207354-8 MSD	MW5S 032823	Total/NA	Water	300.0	
480-207370-2 MS	MW8D-033023	Total/NA	Water	300.0	

Lab Chronicle

Client: Ramboll US Corporation
Project/Site: Forest Glen Monitoring

Job ID: 480-207354-1
SDG: 480-207354-1

Client Sample ID: MW6D 032823

Lab Sample ID: 480-207354-1

Date Collected: 03/28/23 09:20

Matrix: Water

Date Received: 03/29/23 17:02

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		1	663279	CR	EET BUF	03/30/23 13:47
Total/NA	Analysis	300.0		5	664548	RJS	EET BUF	04/10/23 21:14
Total/NA	Analysis	310.2_ASP		5	663593	CG	EET BUF	03/31/23 11:05
Total/NA	Analysis	353.2		1	663501	DLG	EET BUF	03/30/23 13:43
Total/NA	Analysis	353.2		1	663502	DLG	EET BUF	03/30/23 13:43
Total/NA	Analysis	SM 4500 S2 F		1	663848	EV	EET BUF	04/04/23 09:00
Dissolved	Analysis	SM 5310C		1	664237	KER	EET BUF	04/05/23 05:25

Client Sample ID: MW1S 032823

Lab Sample ID: 480-207354-2

Date Collected: 03/28/23 09:27

Matrix: Water

Date Received: 03/29/23 17:02

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		1	663279	CR	EET BUF	03/30/23 14:10
Total/NA	Analysis	300.0		20	664548	RJS	EET BUF	04/10/23 21:33
Total/NA	Analysis	310.2_ASP		5	663593	CG	EET BUF	03/31/23 11:07
Total/NA	Analysis	353.2		1	663501	DLG	EET BUF	03/30/23 13:44
Total/NA	Analysis	353.2		1	663502	DLG	EET BUF	03/30/23 13:44
Total/NA	Analysis	SM 4500 S2 F		1	663848	EV	EET BUF	04/04/23 09:00
Dissolved	Analysis	SM 5310C		1	664237	KER	EET BUF	04/05/23 05:55

Client Sample ID: MW1D 032823

Lab Sample ID: 480-207354-3

Date Collected: 03/28/23 10:42

Matrix: Water

Date Received: 03/29/23 17:02

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		1	663279	CR	EET BUF	03/30/23 14:33
Total/NA	Analysis	300.0		10	664548	RJS	EET BUF	04/10/23 23:26
Total/NA	Analysis	310.2_ASP		5	663593	CG	EET BUF	03/31/23 11:10
Total/NA	Analysis	353.2		1	663501	DLG	EET BUF	03/30/23 13:46
Total/NA	Analysis	353.2		1	663502	DLG	EET BUF	03/30/23 13:46
Total/NA	Analysis	SM 4500 S2 F		1	663848	EV	EET BUF	04/04/23 09:00
Dissolved	Analysis	SM 5310C		1	664237	KER	EET BUF	04/05/23 06:24

Client Sample ID: MW6S 032823

Lab Sample ID: 480-207354-4

Date Collected: 03/28/23 11:30

Matrix: Water

Date Received: 03/29/23 17:02

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		1	663279	CR	EET BUF	03/30/23 14:56
Total/NA	Analysis	300.0		5	664548	RJS	EET BUF	04/10/23 23:45
Total/NA	Analysis	310.2_ASP		5	663593	CG	EET BUF	03/31/23 11:47
Total/NA	Analysis	353.2		1	663501	DLG	EET BUF	03/30/23 13:47

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Lab Chronicle

Client: Ramboll US Corporation
Project/Site: Forest Glen Monitoring

Job ID: 480-207354-1
SDG: 480-207354-1

Client Sample ID: MW6S 032823

Lab Sample ID: 480-207354-4

Date Collected: 03/28/23 11:30

Matrix: Water

Date Received: 03/29/23 17:02

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	353.2		1	663502	DLG	EET BUF	03/30/23 13:47
Total/NA	Analysis	SM 4500 S2 F		1	663848	EV	EET BUF	04/04/23 09:00
Dissolved	Analysis	SM 5310C		1	664237	KER	EET BUF	04/05/23 08:49

Client Sample ID: MW5D 032823

Lab Sample ID: 480-207354-5

Date Collected: 03/28/23 12:53

Matrix: Water

Date Received: 03/29/23 17:02

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		1	663279	CR	EET BUF	03/30/23 15:19
Total/NA	Analysis	300.0		5	664548	RJS	EET BUF	04/11/23 00:04
Total/NA	Analysis	310.2_ASP		5	663593	CG	EET BUF	03/31/23 11:47
Total/NA	Analysis	353.2		1	663501	DLG	EET BUF	03/30/23 13:54
Total/NA	Analysis	353.2		1	663502	DLG	EET BUF	03/30/23 13:54
Total/NA	Analysis	SM 4500 S2 F		1	663848	EV	EET BUF	04/04/23 09:00
Dissolved	Analysis	SM 5310C		1	664237	KER	EET BUF	04/05/23 09:19

Client Sample ID: MW6DD 032823

Lab Sample ID: 480-207354-6

Date Collected: 03/28/23 13:20

Matrix: Water

Date Received: 03/29/23 17:02

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		1	663279	CR	EET BUF	03/30/23 15:42
Total/NA	Analysis	300.0		5	664548	RJS	EET BUF	04/11/23 00:22
Total/NA	Analysis	310.2_ASP		5	663593	CG	EET BUF	03/31/23 11:10
Total/NA	Analysis	353.2		1	663502	DLG	EET BUF	03/30/23 13:25
Total/NA	Analysis	353.2		1	663471	IMZ	EET BUF	03/30/23 14:30
Total/NA	Analysis	SM 4500 S2 F		1	663848	EV	EET BUF	04/04/23 09:00
Dissolved	Analysis	SM 5310C		1	664237	KER	EET BUF	04/05/23 09:48

Client Sample ID: MW4S 032823

Lab Sample ID: 480-207354-7

Date Collected: 03/28/23 15:30

Matrix: Water

Date Received: 03/29/23 17:02

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		1	663279	CR	EET BUF	03/30/23 16:05
Total/NA	Analysis	300.0		5	664548	RJS	EET BUF	04/11/23 00:41
Total/NA	Analysis	310.2_ASP		5	663593	CG	EET BUF	03/31/23 11:12
Total/NA	Analysis	353.2		1	663502	DLG	EET BUF	03/30/23 13:26
Total/NA	Analysis	353.2		1	663471	IMZ	EET BUF	03/30/23 14:30
Total/NA	Analysis	SM 4500 S2 F		1	663848	EV	EET BUF	04/04/23 09:00
Dissolved	Analysis	SM 5310C		1	664237	KER	EET BUF	04/05/23 10:46

Lab Chronicle

Client: Ramboll US Corporation
Project/Site: Forest Glen Monitoring

Job ID: 480-207354-1
SDG: 480-207354-1

Client Sample ID: MW5S 032823

Lab Sample ID: 480-207354-8

Date Collected: 03/28/23 16:03

Matrix: Water

Date Received: 03/29/23 17:02

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		1	663279	CR	EET BUF	03/30/23 16:28
Total/NA	Analysis	300.0		5	664548	RJS	EET BUF	04/11/23 01:00
Total/NA	Analysis	310.2_ASP		5	663593	CG	EET BUF	03/31/23 11:13
Total/NA	Analysis	353.2		1	663501	DLG	EET BUF	03/30/23 13:28
Total/NA	Analysis	353.2		1	663502	DLG	EET BUF	03/30/23 13:28
Total/NA	Analysis	SM 4500 S2 F		1	663848	EV	EET BUF	04/04/23 09:00
Dissolved	Analysis	SM 5310C		1	664237	KER	EET BUF	04/05/23 11:45

Client Sample ID: MW4D 032923

Lab Sample ID: 480-207354-9

Date Collected: 03/29/23 09:23

Matrix: Water

Date Received: 03/29/23 17:02

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		1	663279	CR	EET BUF	03/30/23 16:51
Total/NA	Analysis	300.0		5	664548	RJS	EET BUF	04/11/23 02:34
Total/NA	Analysis	310.2_ASP		5	663593	CG	EET BUF	03/31/23 11:14
Total/NA	Analysis	353.2		1	663501	DLG	EET BUF	03/30/23 13:29
Total/NA	Analysis	353.2		1	663502	DLG	EET BUF	03/30/23 13:29
Total/NA	Analysis	SM 4500 S2 F		1	663585	EV	EET BUF	03/31/23 09:45
Dissolved	Analysis	SM 5310C		1	664237	KER	EET BUF	04/05/23 12:14

Client Sample ID: MW10D 032923

Lab Sample ID: 480-207354-10

Date Collected: 03/29/23 10:20

Matrix: Water

Date Received: 03/29/23 17:02

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		1	663350	AXK	EET BUF	03/30/23 13:25
Total/NA	Analysis	300.0		5	664044	RJS	EET BUF	04/06/23 10:00
Total/NA	Analysis	310.2_ASP		5	663593	CG	EET BUF	03/31/23 11:48
Total/NA	Analysis	353.2		1	663502	DLG	EET BUF	03/30/23 13:21
Total/NA	Analysis	353.2		1	663471	IMZ	EET BUF	03/30/23 14:28
Total/NA	Analysis	SM 4500 S2 F		1	663585	EV	EET BUF	03/31/23 09:45
Dissolved	Analysis	SM 5310C		1	664237	KER	EET BUF	04/05/23 03:58

Client Sample ID: MW7D 032923

Lab Sample ID: 480-207354-11

Date Collected: 03/29/23 12:07

Matrix: Water

Date Received: 03/29/23 17:02

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		1	663350	AXK	EET BUF	03/30/23 13:47
Total/NA	Analysis	300.0		2	664548	RJS	EET BUF	04/11/23 02:53
Total/NA	Analysis	310.2_ASP		5	663593	CG	EET BUF	03/31/23 11:14
Total/NA	Analysis	353.2		1	663502	DLG	EET BUF	03/30/23 13:31

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Lab Chronicle

Client: Ramboll US Corporation
Project/Site: Forest Glen Monitoring

Job ID: 480-207354-1
SDG: 480-207354-1

Client Sample ID: MW7D 032923

Lab Sample ID: 480-207354-11

Date Collected: 03/29/23 12:07

Matrix: Water

Date Received: 03/29/23 17:02

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	353.2		1	663471	IMZ	EET BUF	03/30/23 14:31
Total/NA	Analysis	SM 4500 S2 F		1	663585	EV	EET BUF	03/31/23 09:45
Dissolved	Analysis	SM 5310C		1	664237	KER	EET BUF	04/05/23 13:42

Client Sample ID: MW10S 032923

Lab Sample ID: 480-207354-12

Date Collected: 03/29/23 12:10

Matrix: Water

Date Received: 03/29/23 17:02

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		1	663350	AXK	EET BUF	03/30/23 14:09
Total/NA	Analysis	300.0		5	664548	RJS	EET BUF	04/11/23 03:11
Total/NA	Analysis	310.2_ASP		5	663593	CG	EET BUF	03/31/23 11:15
Total/NA	Analysis	353.2		1	663501	DLG	EET BUF	03/30/23 13:35
Total/NA	Analysis	353.2		1	663502	DLG	EET BUF	03/30/23 13:35
Total/NA	Analysis	SM 4500 S2 F		1	663585	EV	EET BUF	03/31/23 09:45
Dissolved	Analysis	SM 5310C		1	664237	KER	EET BUF	04/05/23 14:11

Client Sample ID: MW7S 032923

Lab Sample ID: 480-207354-13

Date Collected: 03/29/23 13:07

Matrix: Water

Date Received: 03/29/23 17:02

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		1	663350	AXK	EET BUF	03/30/23 14:31
Total/NA	Analysis	300.0		2	664548	RJS	EET BUF	04/11/23 03:30
Total/NA	Analysis	310.2_ASP		5	663593	CG	EET BUF	03/31/23 11:15
Total/NA	Analysis	353.2		1	663502	DLG	EET BUF	03/30/23 13:37
Total/NA	Analysis	353.2		1	663471	IMZ	EET BUF	03/30/23 14:31
Total/NA	Analysis	SM 4500 S2 F		1	663585	EV	EET BUF	03/31/23 09:45
Dissolved	Analysis	SM 5310C		1	664237	KER	EET BUF	04/05/23 14:40

Client Sample ID: MW8S 032923

Lab Sample ID: 480-207354-14

Date Collected: 03/29/23 14:30

Matrix: Water

Date Received: 03/29/23 17:02

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		1	663350	AXK	EET BUF	03/30/23 14:53
Total/NA	Analysis	300.0		2	664548	RJS	EET BUF	04/11/23 03:49
Total/NA	Analysis	310.2_ASP		5	663593	CG	EET BUF	03/31/23 11:19
Total/NA	Analysis	353.2		1	663502	DLG	EET BUF	03/30/23 13:39
Total/NA	Analysis	353.2		1	663471	IMZ	EET BUF	03/30/23 14:31
Total/NA	Analysis	SM 4500 S2 F		1	663585	EV	EET BUF	03/31/23 09:45
Dissolved	Analysis	SM 5310C		1	664237	KER	EET BUF	04/05/23 15:38

Lab Chronicle

Client: Ramboll US Corporation
Project/Site: Forest Glen Monitoring

Job ID: 480-207354-1
SDG: 480-207354-1

Client Sample ID: MW7DD 032923

Lab Sample ID: 480-207354-15

Date Collected: 03/29/23 14:47

Matrix: Water

Date Received: 03/29/23 17:02

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		1	663350	AXK	EET BUF	03/30/23 15:15
Total/NA	Analysis	300.0		5	664548	RJS	EET BUF	04/11/23 04:08
Total/NA	Analysis	310.2_ASP		5	663593	CG	EET BUF	03/31/23 11:28
Total/NA	Analysis	353.2		1	663502	DLG	EET BUF	03/30/23 13:40
Total/NA	Analysis	353.2		1	663471	IMZ	EET BUF	03/30/23 14:32
Total/NA	Analysis	SM 4500 S2 F		1	663585	EV	EET BUF	03/31/23 09:45
Dissolved	Analysis	SM 5310C		1	664237	KER	EET BUF	04/05/23 16:37

Client Sample ID: DUP 032923

Lab Sample ID: 480-207354-16

Date Collected: 03/29/23 00:00

Matrix: Water

Date Received: 03/29/23 17:02

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		1	663279	CR	EET BUF	03/30/23 17:14
Total/NA	Analysis	300.0		5	664548	RJS	EET BUF	04/11/23 04:27
Total/NA	Analysis	310.2_ASP		5	663593	CG	EET BUF	03/31/23 11:28
Total/NA	Analysis	353.2		1	663501	DLG	EET BUF	03/30/23 13:42
Total/NA	Analysis	353.2		1	663502	DLG	EET BUF	03/30/23 13:42
Total/NA	Analysis	SM 4500 S2 F		1	663585	EV	EET BUF	03/31/23 09:45
Dissolved	Analysis	SM 5310C		1	664237	KER	EET BUF	04/05/23 17:06

Client Sample ID: TRIP BLANK

Lab Sample ID: 480-207354-17

Date Collected: 03/28/23 00:00

Matrix: Water

Date Received: 03/29/23 17:02

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		1	663279	CR	EET BUF	03/30/23 17:37

Client Sample ID: MW8DD-033023

Lab Sample ID: 480-207370-1

Date Collected: 03/30/23 10:20

Matrix: Water

Date Received: 03/30/23 12:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		1	663433	ATG	EET BUF	03/30/23 19:03
Total/NA	Analysis	300.0		2	664548	RJS	EET BUF	04/11/23 04:45
Total/NA	Analysis	310.2_ASP		5	663593	CG	EET BUF	03/31/23 11:28
Total/NA	Analysis	353.2		1	663480	IMZ	EET BUF	03/30/23 15:43
Total/NA	Analysis	353.2		1	663493	IMZ	EET BUF	03/30/23 15:43
Total/NA	Analysis	SM 4500 S2 F		1	663585	EV	EET BUF	03/31/23 09:45
Dissolved	Analysis	SM 5310C		1	664237	KER	EET BUF	04/06/23 02:22

Lab Chronicle

Client: Ramboll US Corporation
Project/Site: Forest Glen Monitoring

Job ID: 480-207354-1
SDG: 480-207354-1

Client Sample ID: MW8D-033023

Lab Sample ID: 480-207370-2

Date Collected: 03/30/23 10:53

Matrix: Water

Date Received: 03/30/23 12:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		1	663433	ATG	EET BUF	03/30/23 19:27
Total/NA	Analysis	300.0		2	664548	RJS	EET BUF	04/11/23 05:04
Total/NA	Analysis	310.2_ASP		5	663593	CG	EET BUF	03/31/23 11:49
Total/NA	Analysis	353.2		1	663480	IMZ	EET BUF	03/30/23 15:44
Total/NA	Analysis	353.2		1	663493	IMZ	EET BUF	03/30/23 15:44
Total/NA	Analysis	SM 4500 S2 F		1	663585	EV	EET BUF	03/31/23 09:45
Dissolved	Analysis	SM 5310C		1	664237	KER	EET BUF	04/06/23 03:20

Client Sample ID: TRIP BLANK

Lab Sample ID: 480-207370-3

Date Collected: 03/30/23 00:00

Matrix: Water

Date Received: 03/30/23 12:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		1	663433	ATG	EET BUF	03/30/23 19:50

Laboratory References:

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

Accreditation/Certification Summary

Client: Ramboll US Corporation
Project/Site: Forest Glen Monitoring

Job ID: 480-207354-1
SDG: 480-207354-1

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	03-31-24

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: Ramboll US Corporation
Project/Site: Forest Glen Monitoring

Job ID: 480-207354-1
SDG: 480-207354-1

Method	Method Description	Protocol	Laboratory
8260C	Volatile Organic Compounds by GC/MS	SW846	EET BUF
300.0	Anions, Ion Chromatography	EPA	EET BUF
310.2_ASP	Alkalinity - Colorimetric	MCAWW	EET BUF
353.2	Nitrate	EPA	EET BUF
353.2	Nitrogen, Nitrite	EPA	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: Ramboll US Corporation
Project/Site: Forest Glen Monitoring

Job ID: 480-207354-1
SDG: 480-207354-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
480-207354-1	MW6D 032823	Water	03/28/23 09:20	03/29/23 17:02
480-207354-2	MW1S 032823	Water	03/28/23 09:27	03/29/23 17:02
480-207354-3	MW1D 032823	Water	03/28/23 10:42	03/29/23 17:02
480-207354-4	MW6S 032823	Water	03/28/23 11:30	03/29/23 17:02
480-207354-5	MW5D 032823	Water	03/28/23 12:53	03/29/23 17:02
480-207354-6	MW6DD 032823	Water	03/28/23 13:20	03/29/23 17:02
480-207354-7	MW4S 032823	Water	03/28/23 15:30	03/29/23 17:02
480-207354-8	MW5S 032823	Water	03/28/23 16:03	03/29/23 17:02
480-207354-9	MW4D 032923	Water	03/29/23 09:23	03/29/23 17:02
480-207354-10	MW10D 032923	Water	03/29/23 10:20	03/29/23 17:02
480-207354-11	MW7D 032923	Water	03/29/23 12:07	03/29/23 17:02
480-207354-12	MW10S 032923	Water	03/29/23 12:10	03/29/23 17:02
480-207354-13	MW7S 032923	Water	03/29/23 13:07	03/29/23 17:02
480-207354-14	MW8S 032923	Water	03/29/23 14:30	03/29/23 17:02
480-207354-15	MW7DD 032923	Water	03/29/23 14:47	03/29/23 17:02
480-207354-16	DUP 032923	Water	03/29/23 00:00	03/29/23 17:02
480-207354-17	TRIP BLANK	Water	03/28/23 00:00	03/29/23 17:02
480-207370-1	MW8DD-033023	Water	03/30/23 10:20	03/30/23 12:40
480-207370-2	MW8D-033023	Water	03/30/23 10:53	03/30/23 12:40
480-207370-3	TRIP BLANK	Water	03/30/23 00:00	03/30/23 12:40

Quantitation Limit Exceptions Summary

Client: Ramboll US Corporation
Project/Site: Forest Glen Monitoring

Job ID: 480-207354-1
SDG: 480-207354-1

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



Environment Testing

Client Information Company: O'Brien & Gere Inc of North America Address: 333 West Washington St. PO BOX 4873 City: East Syracuse State: NY, Zip: 13221 Phone: 315-956-6100(Tel) 315-463-7554(Fax) Email: yuri.veliz@ramboll.com Project Name: Forest Glen Monitoring Site:		Sampler: <i>Martin Koenneke</i> Lab PM: Schove, John R Phone: 315-789-1300 E-Mail: John.Schove@et.eurofins.com PWSID:		Carrier Tracking No(s): State of Origin:		COC No: 480-183467-27221.1 Page: Page 1 of 3 Job #:											
Due Date Requested: TAT Requested (days): <i>STANDARD</i> Compliance Project: ☐ Yes ☒ No PO #: 1950005510 WO #: Project #: 48002808 SSOW#:		Analysis Requested															
Sample Identification MW 6D 032823 MW 1S 032823 MW 1D 032823 MW 6S 032823 MW 5D 032823 MW 6D 032823 MW 4S 032823 MW 5S 032823 MW 4D 032823 MW 10D 032823 MW 10D MS 032823		Sample Date 3-28-23 3-28-23 3-28-23 3-28-23 3-28-23 3-28-23 3-28-23 3-28-23 3-28-23 3-28-23		Sample Time 9:20 9:27 10:42 11:30 12:53 13:20 15:30 16:03 9:23 10:20 10:20		Sample Type (C=Comp, G=grab) G G G G G G G G G G		Matrix (Newest, Sealed, Overstation, 1st Tissue Analy) Water Water Water Water Water Water Water Water Water Water		Field Filtered Sample (Yes or No) 3 3 3 3 3 3 3 3 3 3 3		8260C - TCL List VOCs 353.2 Nitrite, Nitrate, Calc SM5310, DOC, C - Dissolved Organic Carbon 310.2 Alkalinity SM4500, S ₂ F ₂ - Sulfide, Total 8260C - TCL Volatiles		Total Number of Containers X X X X X X X X X X X		Special Instructions/Note: 480-207354 Chain of Custody	
Possible Hazard Identification ☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological Deliverable Requested: I, II, III, IV, Other (specify)		Date: 3-29-23 / 17:00 Company: USW 16		Date: 3/29/23 17:02 Company:		Sample Disposal (A fee may be assessed if samples are retained longer than 1 month) ☐ Return To Client ☐ Disposal By Lab ☐ Archive For Months											
Relinquished by: <i>Martin Koenneke</i> Date/Time: 3-29-23 / 17:00 Company: USW 16		Relinquished by: Date/Time: Company:		Relinquished by: Date/Time: Company:		Relinquished by: Date/Time: Company:											
Custody Seals Intact: Δ Yes Δ No		Custody Seal No.:		Cooler Temperature(s) °C and Other Remarks:		Cooler Temperature(s) °C and Other Remarks:											

Chain of Custody Record



Environment Testing

[illegible]

- 1
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- 16

Eurofins Buffalo

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

Chain of Custody Record



Environment Testing

Client Information Client Contact: Mr. Yuri Veliz Phone: 315-924-1300 Email: John.Schove@eurofins.com		Lab PM: John R Schove State of Origin:		Carrier Tracking No(s): 480-183467-27221.3 Page: Page 3 of 3 Job #:	
Company: O'Brien & Gere Inc of North America Address: 333 West Washington St. PO BOX 4873 City: East Syracuse State, Zip: NY, 13221 Phone: 315-956-6100(Tel) 315-463-7554(Fax) Email: yuri.veliz@rambol.com Project Name: Forest Glen Monitoring Site:		Analysis Requested Due Date Requested: TAT Requested (days): STANDARD Compliance Project: ☐ Yes ☒ No PO #: 1950005510 WO #: 48002808 Project #: 48002808 SSOW#:			
Sample Identification Sample ID: MW8DD 033023 Sample ID: MW8D 033023 Sample ID: QC TRIP BLANK		Field Filtered Sample (Yes or No) ☒ 8260C - TCL List VOCs ☒ 300.0, 28D - Chloride & Sulfate ☒ 353.2 Nitrite, Nitrate, Calc ☒ SM5310_DOC_C - Dissolved Organic Carbon ☒ 310.2 Alkalinity ☒ SM4500_S2_F - Sulfide, Total ☒ 8260C - TCL Volatiles ☒			
Sample Date: 3-30-23 Sample Time: 10:20 Sample Type (C=Comp, G=Grab): G Matrix (Water, Sediment, Other): Water		Total Number of Containers: 2 Special Instructions/Note: 480-207370 Chain of Custody			
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			
Empty Kit Relinquished by: Relinquished by: [Signature] Relinquished by: [Signature] Relinquished by: [Signature]		Special Instructions/QC Requirements: Date: 3-30-23 / 12:40 Date/Time: 3-30-23 12:40 Date/Time: 3-30-23 1240 Date/Time: 3-30-23 1240 Cooler Temperature(s) °C and Other Remarks: 3.1 #1 10.5			
Custody Seal No.: Custody Seals Intact: ☒ Yes ☐ No		Company: USW16 Company: USW16 Company: USW16			

Login Sample Receipt Checklist

Client: Ramboll US Corporation

Job Number: 480-207354-1

SDG Number: 480-207354-1

Login Number: 207354

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	4.8 5.2 #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	

Login Sample Receipt Checklist

Client: Ramboll US Corporation

Job Number: 480-207354-1

SDG Number: 480-207354-1

Login Number: 207370

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	



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 04/12/2023

Report # 223033141



Project Forest Glen Monitoring

Samples Collected 3/28/23 - 3/30/23

<i>Deliver To</i>	<i>Additional Recipients</i>
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 - % difference 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 223033141

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:** 223033141

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 763040, the MS/MSD exhibited sporadic recovery failures. The LCS recoveries were acceptable.

In the EPA RSK175 analysis for analytical batch 763040, Methane was detected at an estimated concentration in the method blank. This is probable laboratory contamination.



Sample Summary

Lab ID	Client ID	Matrix	Collect Date	Receive Date
22303314101	MW6D032823	Water	3/28/23 09:20	3/31/23 10:50
22303314102	MW1S032823	Water	3/28/23 09:27	3/31/23 10:50
22303314103	MW1D032823	Water	3/28/23 10:42	3/31/23 10:50
22303314104	MW6S032823	Water	3/28/23 11:30	3/31/23 10:50
22303314105	MW5D032823	Water	3/28/23 12:53	3/31/23 10:50
22303314106	MW6DD032823	Water	3/28/23 13:20	3/31/23 10:50
22303314107	MW4S032823	Water	3/28/23 15:30	3/31/23 10:50
22303314108	MW5S03283	Water	3/28/23 16:03	3/31/23 10:50
22303314109	MW4D032923	Water	3/29/23 09:23	3/31/23 10:50
22303314110	MW10D032923	Water	3/29/23 10:20	3/31/23 10:50
22303314111	MW10DMS032923	Water	3/29/23 10:20	3/31/23 10:50
22303314112	MW10DMSD032923	Water	3/29/23 10:20	3/31/23 10:50
22303314113	MW7D032923	Water	3/29/23 12:07	3/31/23 10:50
22303314114	MW10S032923	Water	3/29/23 12:10	3/31/23 10:50
22303314115	MW7S032923	Water	3/29/23 13:07	3/31/23 10:50
22303314116	MW8S032923	Water	3/29/23 14:30	3/31/23 10:50
22303314117	MW7DD032923	Water	3/29/23 14:47	3/31/23 10:50
22303314118	DUP032923	Water	3/29/23 00:01	3/31/23 10:50
22303314119	MW8DD033023	Water	3/29/23 10:20	3/31/23 10:50
22303314120	MW8D033023	Water	3/29/23 10:53	3/31/23 10:50
22303314121	QCTRIPLANK	Water	3/30/23 00:01	3/31/23 10:50



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
22303314101	MW6D032823	Ethane	ug/L	0.19J	1	NA
22303314101	MW6D032823	Methane	ug/L	210	1	NA
22303314102	MW1S032823	Methane	ug/L	7.3	1	NA
22303314103	MW1D032823	Ethane	ug/L	0.18J	1	NA
22303314103	MW1D032823	Methane	ug/L	26	1	NA
22303314104	MW6S032823	Ethane	ug/L	0.49J	1	NA
22303314104	MW6S032823	Ethene	ug/L	1.7	1	NA
22303314104	MW6S032823	Methane	ug/L	160	1	NA
22303314105	MW5D032823	Ethane	ug/L	0.17J	1	NA
22303314105	MW5D032823	Methane	ug/L	85	1	NA
22303314106	MW6DD032823	Ethene	ug/L	0.32J	1	NA
22303314106	MW6DD032823	Methane	ug/L	21	1	NA
22303314107	MW4S032823	Methane	ug/L	21	2	NA
22303314108	MW5S03283	Ethene	ug/L	0.31J	1	NA
22303314108	MW5S03283	Methane	ug/L	2.2J	1	NA
22303314109	MW4D032923	Ethane	ug/L	0.31J	1	NA
22303314109	MW4D032923	Methane	ug/L	57	1	NA
22303314110	MW10D032923	Ethane	ug/L	0.25J	1	NA
22303314110	MW10D032923	Methane	ug/L	570	1	NA
22303314113	MW7D032923	Ethane	ug/L	0.22J	1	NA
22303314113	MW7D032923	Ethene	ug/L	0.38J	1	NA
22303314113	MW7D032923	Methane	ug/L	2.4J	1	NA
22303314115	MW7S032923	Ethane	ug/L	0.23J	1	NA
22303314115	MW7S032923	Ethene	ug/L	0.34J	1	NA
22303314115	MW7S032923	Methane	ug/L	3.0J	1	NA
22303314116	MW8S032923	Ethane	ug/L	0.25J	1	NA
22303314116	MW8S032923	Ethene	ug/L	0.43J	1	NA
22303314116	MW8S032923	Methane	ug/L	2.5J	1	NA
22303314117	MW7DD032923	Ethane	ug/L	4.0J	4	NA
22303314117	MW7DD032923	Methane	ug/L	15J	4	NA
22303314118	DUP032923	Ethane	ug/L	0.35J	1	NA
22303314118	DUP032923	Ethene	ug/L	0.30J	1	NA
22303314118	DUP032923	Methane	ug/L	48	1	NA
22303314119	MW8DD033023	Ethane	ug/L	0.23J	1	NA
22303314119	MW8DD033023	Ethene	ug/L	0.27J	1	NA
22303314119	MW8DD033023	Methane	ug/L	90	1	NA
22303314120	MW8D033023	Ethane	ug/L	0.27J	1	NA
22303314120	MW8D033023	Ethene	ug/L	0.25J	1	NA
22303314120	MW8D033023	Methane	ug/L	100	1	NA



Detect Summary (Continued)

Results and Detection Limits are adjusted for dilution and moisture when applicable

EPA RSK175						
Lab ID	Client ID	Parameter	Units	Result	Dil.	%Moist
22303314121	QCTIPBLANK	Ethane	ug/L	0.24J	1	NA
22303314121	QCTIPBLANK	Ethene	ug/L	0.41J	1	NA
22303314121	QCTIPBLANK	Methane	ug/L	3.2J	1	NA



Sample Results

MW6D032823	Collect Date	03/28/2023 09:20	Lab ID	22303314101
	Receive Date	03/31/2023 10:50	Matrix	Water

EPA RSK175

Prep Date	Prep Batch	Prep Method	Dilution	Run Date	Run Batch	Analyst	%Moisture
NA	NA	NA	1	04/03/23 09:26	763040	LMB	NA
CAS#	Parameter		Result	DL	LOQ		Units
74-84-0	Ethane		0.19J	0.17	1.0		ug/L
74-85-1	Ethane		0.24U	0.24	1.0		ug/L
74-82-8	Methane		210	2.0	5.0		ug/L

MW1S032823	Collect Date	03/28/2023 09:27	Lab ID	22303314102
	Receive Date	03/31/2023 10:50	Matrix	Water

EPA RSK175

Prep Date	Prep Batch	Prep Method	Dilution	Run Date	Run Batch	Analyst	%Moisture
NA	NA	NA	1	04/03/23 09:42	763040	LMB	NA
CAS#	Parameter		Result	DL	LOQ		Units
74-84-0	Ethane		0.17U	0.17	1.0		ug/L
74-85-1	Ethane		0.24U	0.24	1.0		ug/L
74-82-8	Methane		7.3	2.0	5.0		ug/L

MW1D032823	Collect Date	03/28/2023 10:42	Lab ID	22303314103
	Receive Date	03/31/2023 10:50	Matrix	Water

EPA RSK175

Prep Date	Prep Batch	Prep Method	Dilution	Run Date	Run Batch	Analyst	%Moisture
NA	NA	NA	1	04/03/23 09:58	763040	LMB	NA
CAS#	Parameter		Result	DL	LOQ		Units
74-84-0	Ethane		0.18J	0.17	1.0		ug/L
74-85-1	Ethane		0.24U	0.24	1.0		ug/L
74-82-8	Methane		26	2.0	5.0		ug/L

MW6S032823	Collect Date	03/28/2023 11:30	Lab ID	22303314104
	Receive Date	03/31/2023 10:50	Matrix	Water

EPA RSK175

Prep Date	Prep Batch	Prep Method	Dilution	Run Date	Run Batch	Analyst	%Moisture
NA	NA	NA	1	04/03/23 10:14	763040	LMB	NA
CAS#	Parameter		Result	DL	LOQ		Units
74-84-0	Ethane		0.49J	0.17	1.0		ug/L
74-85-1	Ethane		1.7	0.24	1.0		ug/L

Sample Results

MW6S032823	Collect Date	03/28/2023 11:30	Lab ID	22303314104
	Receive Date	03/31/2023 10:50	Matrix	Water

EPA RSK175 (Continued)

Prep Date	Prep Batch	Prep Method	Dilution	Run Date	Run Batch	Analyst	%Moisture
NA	NA	NA	1	04/03/23 10:14	763040	LMB	NA

CAS#	Parameter	Result	DL	LOQ	Units
74-82-8	Methane	160	2.0	5.0	ug/L

MW5D032823	Collect Date	03/28/2023 12:53	Lab ID	22303314105
	Receive Date	03/31/2023 10:50	Matrix	Water

EPA RSK175

Prep Date	Prep Batch	Prep Method	Dilution	Run Date	Run Batch	Analyst	%Moisture
NA	NA	NA	1	04/03/23 10:30	763040	LMB	NA

CAS#	Parameter	Result	DL	LOQ	Units
74-84-0	Ethane	0.17J	0.17	1.0	ug/L
74-85-1	Ethene	0.24U	0.24	1.0	ug/L
74-82-8	Methane	85	2.0	5.0	ug/L

MW6DD032823	Collect Date	03/28/2023 13:20	Lab ID	22303314106
	Receive Date	03/31/2023 10:50	Matrix	Water

EPA RSK175

Prep Date	Prep Batch	Prep Method	Dilution	Run Date	Run Batch	Analyst	%Moisture
NA	NA	NA	1	04/03/23 10:46	763040	LMB	NA

CAS#	Parameter	Result	DL	LOQ	Units
74-84-0	Ethane	0.17U	0.17	1.0	ug/L
74-85-1	Ethene	0.32J	0.24	1.0	ug/L
74-82-8	Methane	21	2.0	5.0	ug/L

MW4S032823	Collect Date	03/28/2023 15:30	Lab ID	22303314107
	Receive Date	03/31/2023 10:50	Matrix	Water

EPA RSK175

*Results and limits are adjusted for dilution.

Prep Date	Prep Batch	Prep Method	Dilution	Run Date	Run Batch	Analyst	%Moisture
NA	NA	NA	2	04/03/23 11:02	763040	LMB	NA

CAS#	Parameter	Result	DL	LOQ	Units
74-84-0	Ethane	0.34U	0.34	2.0	ug/L
74-85-1	Ethene	0.48U	0.48	2.0	ug/L



Sample Results

MW4S032823	Collect Date	03/28/2023 15:30	Lab ID	22303314107
	Receive Date	03/31/2023 10:50	Matrix	Water

EPA RSK175 (Continued)

*Results and limits are adjusted for dilution.

Prep Date	Prep Batch	Prep Method	Dilution	Run Date	Run Batch	Analyst	%Moisture
NA	NA	NA	2	04/03/23 11:02	763040	LMB	NA
CAS#	Parameter		Result	DL	LOQ		Units
74-82-8	Methane		21	4.0	10		ug/L

MW5S03283	Collect Date	03/28/2023 16:03	Lab ID	22303314108
	Receive Date	03/31/2023 10:50	Matrix	Water

EPA RSK175

Prep Date	Prep Batch	Prep Method	Dilution	Run Date	Run Batch	Analyst	%Moisture
NA	NA	NA	1	04/03/23 11:18	763040	LMB	NA
CAS#	Parameter		Result	DL	LOQ		Units
74-84-0	Ethane		0.17U	0.17	1.0		ug/L
74-85-1	Ethene		0.31J	0.24	1.0		ug/L
74-82-8	Methane		2.2J	2.0	5.0		ug/L

MW4D032923	Collect Date	03/29/2023 09:23	Lab ID	22303314109
	Receive Date	03/31/2023 10:50	Matrix	Water

EPA RSK175

Prep Date	Prep Batch	Prep Method	Dilution	Run Date	Run Batch	Analyst	%Moisture
NA	NA	NA	1	04/03/23 11:34	763040	LMB	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
74-82-8	Methane		57	2.0	5.0		ug/L

MW10D032923	Collect Date	03/29/2023 10:20	Lab ID	22303314110
	Receive Date	03/31/2023 10:50	Matrix	Water

EPA RSK175

Prep Date	Prep Batch	Prep Method	Dilution	Run Date	Run Batch	Analyst	%Moisture
NA	NA	NA	1	04/03/23 11:50	763040	LMB	NA
CAS#	Parameter		Result	DL	LOQ		Units
74-84-0	Ethane		0.25J	0.17	1.0		ug/L
74-85-1	Ethene		0.24U	0.24	1.0		ug/L



Sample Results

MW10D032923	Collect Date	03/29/2023 10:20	Lab ID	22303314110
	Receive Date	03/31/2023 10:50	Matrix	Water

EPA RSK175 (Continued)

Prep Date	Prep Batch	Prep Method	Dilution	Run Date	Run Batch	Analyst	%Moisture
NA	NA	NA	1	04/03/23 11:50	763040	LMB	NA
CAS#	Parameter		Result	DL	LOQ		Units
74-82-8	Methane		570	2.0	5.0		ug/L

MW10DMS032923	Collect Date	03/29/2023 10:20	Lab ID	22303314111
	Receive Date	03/31/2023 10:50	Matrix	Water

EPA RSK175

Prep Date	Prep Batch	Prep Method	Dilution	Run Date	Run Batch	Analyst	%Moisture
NA	NA	NA	1	04/03/23 12:06	763040	LMB	NA
CAS#	Parameter		Result	DL	LOQ		Units
74-84-0	Ethane		94	0.17	1.0		ug/L
74-85-1	Ethene		120	0.24	1.0		ug/L
74-82-8	Methane		840	2.0	5.0		ug/L

MW10DMSD032923	Collect Date	03/29/2023 10:20	Lab ID	22303314112
	Receive Date	03/31/2023 10:50	Matrix	Water

EPA RSK175

Prep Date	Prep Batch	Prep Method	Dilution	Run Date	Run Batch	Analyst	%Moisture
NA	NA	NA	1	04/03/23 12:22	763040	LMB	NA
CAS#	Parameter		Result	DL	LOQ		Units
74-84-0	Ethane		78	0.17	1.0		ug/L
74-85-1	Ethene		96	0.24	1.0		ug/L
74-82-8	Methane		750	2.0	5.0		ug/L

MW7D032923	Collect Date	03/29/2023 12:07	Lab ID	22303314113
	Receive Date	03/31/2023 10:50	Matrix	Water

EPA RSK175

Prep Date	Prep Batch	Prep Method	Dilution	Run Date	Run Batch	Analyst	%Moisture
NA	NA	NA	1	04/03/23 12:38	763040	LMB	NA
CAS#	Parameter		Result	DL	LOQ		Units
74-84-0	Ethane		0.22J	0.17	1.0		ug/L
74-85-1	Ethene		0.38J	0.24	1.0		ug/L

Sample Results

MW7D032923	Collect Date	03/29/2023 12:07	Lab ID	22303314113
	Receive Date	03/31/2023 10:50	Matrix	Water

EPA RSK175 (Continued)

Prep Date	Prep Batch	Prep Method	Dilution	Run Date	Run Batch	Analyst	%Moisture
NA	NA	NA	1	04/03/23 12:38	763040	LMB	NA
CAS#	Parameter		Result	DL	LOQ		Units
74-82-8	Methane		2.4J	2.0	5.0		ug/L

MW10S032923	Collect Date	03/29/2023 12:10	Lab ID	22303314114
	Receive Date	03/31/2023 10:50	Matrix	Water

EPA RSK175

Prep Date	Prep Batch	Prep Method	Dilution	Run Date	Run Batch	Analyst	%Moisture
NA	NA	NA	1	04/03/23 12:54	763040	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

MW7S032923	Collect Date	03/29/2023 13:07	Lab ID	22303314115
	Receive Date	03/31/2023 10:50	Matrix	Water

EPA RSK175

Prep Date	Prep Batch	Prep Method	Dilution	Run Date	Run Batch	Analyst	%Moisture
NA	NA	NA	1	04/03/23 13:09	763040	LMB	NA
CAS#	Parameter		Result	DL	LOQ		Units
74-84-0	Ethane		0.23J	0.17	1.0		ug/L
74-85-1	Ethene		0.34J	0.24	1.0		ug/L
74-82-8	Methane		3.0J	2.0	5.0		ug/L

MW8S032923	Collect Date	03/29/2023 14:30	Lab ID	22303314116
	Receive Date	03/31/2023 10:50	Matrix	Water

EPA RSK175

Prep Date	Prep Batch	Prep Method	Dilution	Run Date	Run Batch	Analyst	%Moisture
NA	NA	NA	1	04/03/23 13:25	763040	LMB	NA
CAS#	Parameter		Result	DL	LOQ		Units
74-84-0	Ethane		0.25J	0.17	1.0		ug/L
74-85-1	Ethene		0.43J	0.24	1.0		ug/L



Sample Results

MW8S032923	Collect Date	03/29/2023 14:30	Lab ID	22303314116
	Receive Date	03/31/2023 10:50	Matrix	Water

EPA RSK175 (Continued)

Prep Date	Prep Batch	Prep Method	Dilution	Run Date	Run Batch	Analyst	%Moisture
NA	NA	NA	1	04/03/23 13:25	763040	LMB	NA
CAS#	Parameter		Result	DL	LOQ		Units
74-82-8	Methane		2.5J	2.0	5.0		ug/L

MW7DD032923	Collect Date	03/29/2023 14:47	Lab ID	22303314117
	Receive Date	03/31/2023 10:50	Matrix	Water

EPA RSK175

*Results and limits are adjusted for dilution.

Prep Date	Prep Batch	Prep Method	Dilution	Run Date	Run Batch	Analyst	%Moisture
NA	NA	NA	4	04/03/23 13:42	763040	LMB	NA
CAS#	Parameter		Result	DL	LOQ		Units
74-84-0	Ethane		4.0J	0.69	4.0		ug/L
74-85-1	Ethene		0.96U	0.96	4.0		ug/L
74-82-8	Methane		15J	7.9	20		ug/L

DUP032923	Collect Date	03/29/2023 00:01	Lab ID	22303314118
	Receive Date	03/31/2023 10:50	Matrix	Water

EPA RSK175

Prep Date	Prep Batch	Prep Method	Dilution	Run Date	Run Batch	Analyst	%Moisture
NA	NA	NA	1	04/03/23 13:58	763040	LMB	NA
CAS#	Parameter		Result	DL	LOQ		Units
74-84-0	Ethane		0.35J	0.17	1.0		ug/L
74-85-1	Ethene		0.30J	0.24	1.0		ug/L
74-82-8	Methane		48	2.0	5.0		ug/L

MW8DD033023	Collect Date	03/29/2023 10:20	Lab ID	22303314119
	Receive Date	03/31/2023 10:50	Matrix	Water

EPA RSK175

Prep Date	Prep Batch	Prep Method	Dilution	Run Date	Run Batch	Analyst	%Moisture
NA	NA	NA	1	04/03/23 14:13	763040	LMB	NA
CAS#	Parameter		Result	DL	LOQ		Units
74-84-0	Ethane		0.23J	0.17	1.0		ug/L
74-85-1	Ethene		0.27J	0.24	1.0		ug/L



Sample Results

MW8DD033023	Collect Date	03/29/2023 10:20	Lab ID	22303314119
	Receive Date	03/31/2023 10:50	Matrix	Water

EPA RSK175 (Continued)

Prep Date	Prep Batch	Prep Method	Dilution	Run Date	Run Batch	Analyst	%Moisture
NA	NA	NA	1	04/03/23 14:13	763040	LMB	NA
CAS#	Parameter		Result	DL	LOQ		Units
74-82-8	Methane		90	2.0	5.0		ug/L

MW8D033023	Collect Date	03/29/2023 10:53	Lab ID	22303314120
	Receive Date	03/31/2023 10:50	Matrix	Water

EPA RSK175

Prep Date	Prep Batch	Prep Method	Dilution	Run Date	Run Batch	Analyst	%Moisture
NA	NA	NA	1	04/03/23 14:29	763040	LMB	NA
CAS#	Parameter		Result	DL	LOQ		Units
74-84-0	Ethane		0.27J	0.17	1.0		ug/L
74-85-1	Ethene		0.25J	0.24	1.0		ug/L
74-82-8	Methane		100	2.0	5.0		ug/L

QCTRIPLANK	Collect Date	03/30/2023 00:01	Lab ID	22303314121
	Receive Date	03/31/2023 10:50	Matrix	Water

EPA RSK175

Prep Date	Prep Batch	Prep Method	Dilution	Run Date	Run Batch	Analyst	%Moisture
NA	NA	NA	1	04/03/23 14:45	763040	LMB	NA
CAS#	Parameter		Result	DL	LOQ		Units
74-84-0	Ethane		0.24J	0.17	1.0		ug/L
74-85-1	Ethene		0.41J	0.24	1.0		ug/L
74-82-8	Methane		3.2J	2.0	5.0		ug/L



General Chromatography QC Summary

Analytical Batch 763040		Client ID	MB763040		LCS763040			
		Lab ID	2468511		2468512			
		Sample Type	MB		LCS			
		Prep Date	NA		NA			
		Analysis Date	04/03/23 06:09		04/03/23 05:38			
		Matrix	Water		Water			
EPA RSK175			Units Result	ug/L DL	Spike Added	Result	%R	Control Limits%R
Ethane	74-84-0		0.17U	0.17	97	92	95	70 - 130
Ethene	74-85-1		0.24U	0.24	120	110	94	70 - 130
Methane	74-82-8		2.5J	2.0	380	310	83	70 - 130

Analytical Batch 763040		Client ID	MW10D032923		MW10DMS032923				MW10DMSD032923				
		Lab ID	22303314110		22303314111				22303314112				
		Sample Type	SAMPLE		MS				MSD				
		Prep Date	NA		NA				NA				
		Analysis Date	04/03/2023 11:50		04/03/23 12:06				04/03/23 12:22				
		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		0.25	0.17	97	94	97	70 - 130	97	78	80	19	30
Ethene	74-85-1		0.20	0.24	120	120	98	70 - 130	120	96	81	19	30
Methane	74-82-8		570	2.0	380	840	71	70 - 130	380	750	50*	10	30

CHAIN-OF-CUSTODY Analytical Request Document								LAB USE ONLY- Affix Work				
Chain-of-Custody is a LEGAL DOCUMENT - Complete all relevant fields								Client ID: OBG-NY - O'Brien & Gere NY SDG: 223033141 PM: RWe 				
Company: RABall				Billing Information:								
Address: 333 WEST WASHINGTON ST PO BOX 4873 E. SYRACUSE NY 13221				Email To: YURI.VELIZ@RABall.com								
Report To: YURI VELIZ				Site Collection Info/Address:								
Copy To:				State: County/City: Time Zone Collected:				** 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				
Customer Project Name/Number: Forest Glen Monitoring				State: County/City: Time Zone Collected:				Analyses				
Phone: Site/Facility ID #:		Compliance Monitoring?		Light Hydrocarbons (LHC)				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:				
Email: 315-956-6100		[] Yes [] No										
Collected By (print): MARTIN KERNACHE		Purchase Order #: DW PWS ID #:										
Quote #:		DW Location Code:										
Collected By (signature): Mart Kernache		Turnaround Date Required:										
Immediately Packed on Ice:		[] Yes [] No										
Sample Disposal:		Field Filtered (if applicable):										
Rush:		[] Yes [] No										
[] Dispose as appropriate [] Return		[] Same Day [] Next Day										
[] Archive:		[] 2 Day [] 3 Day [] 4 Day [] 5 Day										
[] Hold:		(Expedite Charges Apply)										
* 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)	Composite End	Res Cl	# of Ctns						
			Date Time	Date Time								
MW 6D 032823	GW	GRAB	3-28-23 9:20			3						
MW 1S 032823	GW	GRAB	3-28-23 9:24			3						
MW 1D 032823	GW	GRAB	3-28-23 10:42			3						
MW 6S 032823	GW	GRAB	3-28-23 11:30			3						
MW 5D 032823	GW	GRAB	3-28-23 12:53			3						
MW 6DD 032823	GW	GRAB	3-28-23 13:20			3						
MW 4S 032823	GW	GRAB	3-28-23 15:30			3						
MW 5S 032823	GW	GRAB	3-28-23 16:03			3						
MW 4D 032923	GW	GRAB	3-29-23 9:23			3						
MW 10D 032923	GW	GRAB	3-29-23 10:20			3						
Customer Remarks / Special Conditions / Possible Hazards:							Type of Ice Used: Wet Blue Dry None		SHORT HOLDS PRESENT (<72 hours): Y N N/A		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: 4.1E43	
							Packing Material Used:		Lab Tracking #: 2906674			
							Radchem sample(s) screened (<500 cpm): Y N NA		Samples received via: FEDEX UPS Client Courier Pace Courier			
Relinquished by/Company: (Signature) Mart Kernache VS WIG		Date/Time: 3-30-23/12:30		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		
Relinquished by/Company: (Signature) UPS		Date/Time: 3-31-23		Received by/Company: (Signature) Dodee McQueen		Date/Time: 3-31-23						
Relinquished by/Company: (Signature)		Date/Time:		Received by/Company: (Signature)		Date/Time:						
							Non Conformance(s): YES / NO		Page: _____ of: _____			

CHAIN-OF-CUSTODY Analytical Request Document Chain-of-Custody is a LEGAL DOCUMENT - Complete all relevant fields								LAB USE ONLY- Affix Here Client ID: OBG-NY - O'Brien & Gere NY SDG: 223033141 PM: RWe																																																																							
Company: Ramboll				Billing Information:				ALL SHAD Container Preservative Type 3																																																																							
Address: 333 WEST WASHINGTON ST BOB 4843 EAST SYRACUSE NY 13221				Report To: YURI VELIZ				Email To: YURI.VELIZ@RAMBOLL.COM				** 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																																																																			
Copy To:				Site Collection Info/Address:				Analyses Light Hydrocarbons (LHK)																																																																							
Customer Project Name/Number: FOREST GLEN MONITORING				State: / County/City: / Time Zone Collected: [] PT [] MT [] CT [] ET				Lab Profile/Line: Lab Sample Receipt Checklist:																																																																							
Phone: 315-956-6100		Site/Facility ID #:		Compliance Monitoring?		[] Yes [] No		<table border="0" style="width:100%;"> <tr><td>Custody Seals Present/Intact</td><td>Y</td><td>N</td><td>NA</td></tr> <tr><td>Custody Signatures Present</td><td>Y</td><td>N</td><td>NA</td></tr> <tr><td>Collector Signature Present</td><td>Y</td><td>N</td><td>NA</td></tr> <tr><td>Bottles Intact</td><td>Y</td><td>N</td><td>NA</td></tr> <tr><td>Correct Bottles</td><td>Y</td><td>N</td><td>NA</td></tr> <tr><td>Sufficient Volume</td><td>Y</td><td>N</td><td>NA</td></tr> <tr><td>Samples Received on Ice</td><td>Y</td><td>N</td><td>NA</td></tr> <tr><td>VOA - Headspace Acceptable</td><td>Y</td><td>N</td><td>NA</td></tr> <tr><td>USDA Regulated Soils</td><td>Y</td><td>N</td><td>NA</td></tr> <tr><td>Samples in Holding Time</td><td>Y</td><td>N</td><td>NA</td></tr> <tr><td>Residual Chlorine Present</td><td>Y</td><td>N</td><td>NA</td></tr> <tr><td>Cl Strips:</td><td></td><td></td><td></td></tr> <tr><td>Sample pH Acceptable</td><td>Y</td><td>N</td><td>NA</td></tr> <tr><td>pH Strips:</td><td></td><td></td><td></td></tr> <tr><td>Sulfide Present</td><td>Y</td><td>N</td><td>NA</td></tr> <tr><td>Lead Acetate Strips:</td><td></td><td></td><td></td></tr> </table>								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:			
Custody Seals Present/Intact	Y	N	NA																																																																												
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Sulfide Present	Y	N	NA																																																																												
Lead Acetate Strips:																																																																															
Collected By (print): MARTIN KOENNECKE		Purchase Order #: STANDARD		DW PWS ID #:		DW Location Code:																																																																									
Collected By (signature): <i>Martin Koennecke</i>		Turnaround Date Required:		Immediately Packed on Ice:		[] Yes [] No																																																																									
Sample Disposal:		Rush:		Field Filtered (if applicable):		[] Yes [] No																																																																									
[] Dispose as appropriate [] Return		[] Same Day [] Next Day		[] Yes [] No		Analysis:																																																																									
[] Archive:		[] 2 Day [] 3 Day [] 4 Day [] 5 Day																																																																													
[] Hold:		(Expedite Charges Apply)																																																																													
* 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)		Composite End		Res CI	# of Ctns																																																																							
			Date	Time	Date	Time																																																																									
MW 10D MS032923	GW	GRAB	3-29-23	10:20				3																																																																							
MW 10D MSD032923	GW	GRAB	3-29-23	10:20				3																																																																							
MW 7D 032923	GW	GRAB	3-29-23	12:07				3																																																																							
MW 10S 032923	GW	GRAB	3-29-23	12:10				3																																																																							
MW 7S 032923	GW	GRAB	3-29-23	13:07				3																																																																							
MW 8S 032923	GW	GRAB	3-29-23	14:30				3																																																																							
MW 7DD 032923	GW	GRAB	3-29-23	14:47				3																																																																							
DUP 032923	GW	GRAB	3-29-23					3																																																																							
MW 8DD 033023	GW	GRAB	3-30-23	10:20				3																																																																							
MW 8D 033023	GW	GRAB	3-30-23	10:53				3																																																																							
Customer Remarks / Special Conditions / Possible Hazards: QC TRIP BLANKS = 4								Type of Ice Used: Wet Blue Dry None				SHORT HOLDS PRESENT (<72 hours): Y N N/A																																																																			
								Packing Material Used:				Lab Tracking #: 2906675																																																																			
								Radchem sample(s) screened (<500 cpm): Y N NA				Samples received via: FEDEX UPS Client Courier Pace Courier																																																																			
Relinquished by/Company: (Signature) <i>Martin Koennecke</i>		Date/Time: 3-30-23/12:30		Received by/Company: (Signature) <i>Dodie McCune</i>		Date/Time: 3-31-23 1050		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: _____ Trip Blank Received: Y N NA HCL MeOH TSP Other _____ Non Conformance(s): YES / NO Page: _____ of: _____																																																																							
Relinquished by/Company: (Signature) UPS		Date/Time: 3-31-23 1050		Received by/Company: (Signature) <i>Dodie McCune</i>		Date/Time: 3-31-23 1050																																																																									
Relinquished by/Company: (Signature)		Date/Time:		Received by/Company: (Signature)		Date/Time:																																																																									



SAMPLE RECEIVING CHECKLIST



SAMPLE DELIVERY GROUP 223033141			CHECKLIST		YES	NO
Client PM R/ve OBG-NY - O'Brien & Gere NY	Transport Method UPS		Samples received with proper thermal preservation?	☒	☐	
			Radioactivity is <1600 cpm? If no, record cpm value in notes section.	☐	☐	
Profile Number 284604	Received By Henderson, Jacob R. McCune, Dodie N.		COC relinquished and complete (including sampleIDs, collect times, and sampler)?	☒	☐	
			All containers received in good condition and within hold time?	☒	☐	
Line Item(s) 1 - RSK-175	Receive Date(s) 03/31/23		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			DISCREPANCIES	LAB PRESERVATIONS		
Airbill	Thermometer ID: E43	Temp °C	None	None		
		4.1				
NOTES						



ANALYTICAL REPORT

PREPARED FOR

Attn: David Carnevale
Ramboll US Corporation
333 West Washington Street
Syracuse, New York 13202

Generated 6/21/2023 5:19:27 PM

JOB DESCRIPTION

Forest Glen Monitoring

JOB NUMBER

480-209956-1

Eurofins Buffalo

Job Notes

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

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

Authorization



Generated
6/21/2023 5:19:27 PM

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(716)504-9838

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Definitions/Glossary

Client: Ramboll US Corporation
Project/Site: Forest Glen Monitoring

Job ID: 480-209956-1

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Glossary

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

Job ID: 480-209956-1

Job ID: 480-209956-1

Laboratory: Eurofins Buffalo

Narrative

Job Narrative
480-209956-1

Comments

No additional comments.

Receipt

The samples were received on 6/15/2023 1:25 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 3.4° C.

GC/MS VOA

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

Detection Summary

Client: Ramboll US Corporation
Project/Site: Forest Glen Monitoring

Job ID: 480-209956-1

Client Sample ID: MW-1D-061423

Lab Sample ID: 480-209956-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methyl tert-butyl ether	0.21	J	1.0	0.16	ug/L	1		8260C	Total/NA

Client Sample ID: MW-1S-061423

Lab Sample ID: 480-209956-2

No Detections.

Client Sample ID: MW-5D-061423

Lab Sample ID: 480-209956-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methyl tert-butyl ether	0.36	J	1.0	0.16	ug/L	1		8260C	Total/NA

Client Sample ID: MW-5S-061423

Lab Sample ID: 480-209956-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	1.2		1.0	0.38	ug/L	1		8260C	Total/NA
cis-1,2-Dichloroethene	4.7		1.0	0.81	ug/L	1		8260C	Total/NA
Trichloroethene	0.92	J	1.0	0.46	ug/L	1		8260C	Total/NA

Client Sample ID: MW-4D-061423

Lab Sample ID: 480-209956-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methyl tert-butyl ether	0.31	J	1.0	0.16	ug/L	1		8260C	Total/NA

Client Sample ID: MW-4S-061423

Lab Sample ID: 480-209956-6

No Detections.

Client Sample ID: X-1-061423

Lab Sample ID: 480-209956-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methyl tert-butyl ether	0.21	J	1.0	0.16	ug/L	1		8260C	Total/NA

Client Sample ID: MW-6S-061423

Lab Sample ID: 480-209956-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	3.9		1.0	0.81	ug/L	1		8260C	Total/NA
Trichloroethene	4.8		1.0	0.46	ug/L	1		8260C	Total/NA

Client Sample ID: MW-6D-061423

Lab Sample ID: 480-209956-9

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
cis-1,2-Dichloroethene	0.91	J	1.0	0.81	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-061423

Lab Sample ID: 480-209956-10

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	19		1.0	0.81	ug/L	1		8260C	Total/NA
Methyl tert-butyl ether	0.21	J	1.0	0.16	ug/L	1		8260C	Total/NA
Vinyl chloride	3.8		1.0	0.90	ug/L	1		8260C	Total/NA

Client Sample ID: MW-10D-061423

Lab Sample ID: 480-209956-11

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methyl tert-butyl ether	0.22	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: Ramboll US Corporation
Project/Site: Forest Glen Monitoring

Job ID: 480-209956-1

Client Sample ID: MW-10S-061423

Lab Sample ID: 480-209956-12

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	5.5		1.0	0.81	ug/L	1		8260C	Total/NA
Methyl tert-butyl ether	0.17	J	1.0	0.16	ug/L	1		8260C	Total/NA
Vinyl chloride	1.0		1.0	0.90	ug/L	1		8260C	Total/NA

Client Sample ID: MW-8DD-061523

Lab Sample ID: 480-209956-13

No Detections.

Client Sample ID: MW-8S-061523

Lab Sample ID: 480-209956-14

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	1.5		1.0	0.81	ug/L	1		8260C	Total/NA
Trichloroethene	0.70	J	1.0	0.46	ug/L	1		8260C	Total/NA

Client Sample ID: MW-8D-061523

Lab Sample ID: 480-209956-15

No Detections.

Client Sample ID: MW-7DD-061523

Lab Sample ID: 480-209956-16

No Detections.

Client Sample ID: MW-7S-061523

Lab Sample ID: 480-209956-17

No Detections.

Client Sample ID: MW-7D-061523

Lab Sample ID: 480-209956-18

No Detections.

Client Sample ID: TRIP BLANK

Lab Sample ID: 480-209956-19

No Detections.

This Detection Summary does not include radiochemical test results.

Eurofins Buffalo

Client Sample Results

Client: Ramboll US Corporation
Project/Site: Forest Glen Monitoring

Job ID: 480-209956-1

Client Sample ID: MW-1D-061423

Lab Sample ID: 480-209956-1

Date Collected: 06/14/23 09:45

Matrix: Water

Date Received: 06/15/23 13:25

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			06/19/23 16:02	1
1,1,1,2-Tetrachloroethane	ND		1.0	0.21	ug/L			06/19/23 16:02	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			06/19/23 16:02	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			06/19/23 16:02	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			06/19/23 16:02	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			06/19/23 16:02	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			06/19/23 16:02	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			06/19/23 16:02	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			06/19/23 16:02	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			06/19/23 16:02	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			06/19/23 16:02	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			06/19/23 16:02	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			06/19/23 16:02	1
2-Butanone (MEK)	ND		10	1.3	ug/L			06/19/23 16:02	1
2-Hexanone	ND		5.0	1.2	ug/L			06/19/23 16:02	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			06/19/23 16:02	1
Acetone	ND		10	3.0	ug/L			06/19/23 16:02	1
Benzene	ND		1.0	0.41	ug/L			06/19/23 16:02	1
Bromodichloromethane	ND		1.0	0.39	ug/L			06/19/23 16:02	1
Bromoform	ND		1.0	0.26	ug/L			06/19/23 16:02	1
Bromomethane	ND		1.0	0.69	ug/L			06/19/23 16:02	1
Carbon disulfide	ND		1.0	0.19	ug/L			06/19/23 16:02	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			06/19/23 16:02	1
Chlorobenzene	ND		1.0	0.75	ug/L			06/19/23 16:02	1
Chlorodibromomethane	ND		1.0	0.32	ug/L			06/19/23 16:02	1
Chloroethane	ND		1.0	0.32	ug/L			06/19/23 16:02	1
Chloroform	ND		1.0	0.34	ug/L			06/19/23 16:02	1
Chloromethane	ND		1.0	0.35	ug/L			06/19/23 16:02	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			06/19/23 16:02	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			06/19/23 16:02	1
Cyclohexane	ND		1.0	0.18	ug/L			06/19/23 16:02	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			06/19/23 16:02	1
Ethylbenzene	ND		1.0	0.74	ug/L			06/19/23 16:02	1
Ethylene Dibromide	ND		1.0	0.73	ug/L			06/19/23 16:02	1
Isopropylbenzene	ND		1.0	0.79	ug/L			06/19/23 16:02	1
Methyl acetate	ND		2.5	1.3	ug/L			06/19/23 16:02	1
Methyl tert-butyl ether	0.21	J	1.0	0.16	ug/L			06/19/23 16:02	1
Methylcyclohexane	ND		1.0	0.16	ug/L			06/19/23 16:02	1
Methylene Chloride	ND		1.0	0.44	ug/L			06/19/23 16:02	1
Styrene	ND		1.0	0.73	ug/L			06/19/23 16:02	1
Tetrachloroethene	ND		1.0	0.36	ug/L			06/19/23 16:02	1
Toluene	ND		1.0	0.51	ug/L			06/19/23 16:02	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			06/19/23 16:02	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			06/19/23 16:02	1
Trichloroethene	ND		1.0	0.46	ug/L			06/19/23 16:02	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			06/19/23 16:02	1
Vinyl chloride	ND		1.0	0.90	ug/L			06/19/23 16:02	1
Xylenes, Total	ND		2.0	0.66	ug/L			06/19/23 16:02	1

Eurofins Buffalo

Client Sample Results

Client: Ramboll US Corporation
Project/Site: Forest Glen Monitoring

Job ID: 480-209956-1

Client Sample ID: MW-1D-061423

Lab Sample ID: 480-209956-1

Date Collected: 06/14/23 09:45

Matrix: Water

Date Received: 06/15/23 13:25

<i>Surrogate</i>	<i>%Recovery</i>	<i>Qualifier</i>	<i>Limits</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Dil Fac</i>
<i>Toluene-d8 (Surr)</i>	98		80 - 120		06/19/23 16:02	1
<i>1,2-Dichloroethane-d4 (Surr)</i>	95		77 - 120		06/19/23 16:02	1
<i>4-Bromofluorobenzene (Surr)</i>	106		73 - 120		06/19/23 16:02	1
<i>Dibromofluoromethane (Surr)</i>	100		75 - 123		06/19/23 16:02	1

Client Sample Results

Client: Ramboll US Corporation
Project/Site: Forest Glen Monitoring

Job ID: 480-209956-1

Client Sample ID: MW-1S-061423

Lab Sample ID: 480-209956-2

Date Collected: 06/14/23 08:50

Matrix: Water

Date Received: 06/15/23 13:25

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			06/19/23 16:24	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			06/19/23 16:24	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			06/19/23 16:24	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			06/19/23 16:24	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			06/19/23 16:24	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			06/19/23 16:24	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			06/19/23 16:24	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			06/19/23 16:24	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			06/19/23 16:24	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			06/19/23 16:24	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			06/19/23 16:24	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			06/19/23 16:24	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			06/19/23 16:24	1
2-Butanone (MEK)	ND		10	1.3	ug/L			06/19/23 16:24	1
2-Hexanone	ND		5.0	1.2	ug/L			06/19/23 16:24	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			06/19/23 16:24	1
Acetone	ND		10	3.0	ug/L			06/19/23 16:24	1
Benzene	ND		1.0	0.41	ug/L			06/19/23 16:24	1
Bromodichloromethane	ND		1.0	0.39	ug/L			06/19/23 16:24	1
Bromoform	ND		1.0	0.26	ug/L			06/19/23 16:24	1
Bromomethane	ND		1.0	0.69	ug/L			06/19/23 16:24	1
Carbon disulfide	ND		1.0	0.19	ug/L			06/19/23 16:24	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			06/19/23 16:24	1
Chlorobenzene	ND		1.0	0.75	ug/L			06/19/23 16:24	1
Chlorodibromomethane	ND		1.0	0.32	ug/L			06/19/23 16:24	1
Chloroethane	ND		1.0	0.32	ug/L			06/19/23 16:24	1
Chloroform	ND		1.0	0.34	ug/L			06/19/23 16:24	1
Chloromethane	ND		1.0	0.35	ug/L			06/19/23 16:24	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			06/19/23 16:24	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			06/19/23 16:24	1
Cyclohexane	ND		1.0	0.18	ug/L			06/19/23 16:24	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			06/19/23 16:24	1
Ethylbenzene	ND		1.0	0.74	ug/L			06/19/23 16:24	1
Ethylene Dibromide	ND		1.0	0.73	ug/L			06/19/23 16:24	1
Isopropylbenzene	ND		1.0	0.79	ug/L			06/19/23 16:24	1
Methyl acetate	ND		2.5	1.3	ug/L			06/19/23 16:24	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			06/19/23 16:24	1
Methylcyclohexane	ND		1.0	0.16	ug/L			06/19/23 16:24	1
Methylene Chloride	ND		1.0	0.44	ug/L			06/19/23 16:24	1
Styrene	ND		1.0	0.73	ug/L			06/19/23 16:24	1
Tetrachloroethene	ND		1.0	0.36	ug/L			06/19/23 16:24	1
Toluene	ND		1.0	0.51	ug/L			06/19/23 16:24	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			06/19/23 16:24	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			06/19/23 16:24	1
Trichloroethene	ND		1.0	0.46	ug/L			06/19/23 16:24	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			06/19/23 16:24	1
Vinyl chloride	ND		1.0	0.90	ug/L			06/19/23 16:24	1
Xylenes, Total	ND		2.0	0.66	ug/L			06/19/23 16:24	1

Eurofins Buffalo

Client Sample Results

Client: Ramboll US Corporation
Project/Site: Forest Glen Monitoring

Job ID: 480-209956-1

Client Sample ID: MW-1S-061423

Lab Sample ID: 480-209956-2

Date Collected: 06/14/23 08:50

Matrix: Water

Date Received: 06/15/23 13:25

<i>Surrogate</i>	<i>%Recovery</i>	<i>Qualifier</i>	<i>Limits</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Dil Fac</i>
<i>Toluene-d8 (Surr)</i>	97		80 - 120		06/19/23 16:24	1
<i>1,2-Dichloroethane-d4 (Surr)</i>	93		77 - 120		06/19/23 16:24	1
<i>4-Bromofluorobenzene (Surr)</i>	103		73 - 120		06/19/23 16:24	1
<i>Dibromofluoromethane (Surr)</i>	91		75 - 123		06/19/23 16:24	1

Client Sample Results

Client: Ramboll US Corporation
Project/Site: Forest Glen Monitoring

Job ID: 480-209956-1

Client Sample ID: MW-5D-061423

Lab Sample ID: 480-209956-3

Date Collected: 06/14/23 11:15

Matrix: Water

Date Received: 06/15/23 13:25

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			06/19/23 16:47	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			06/19/23 16:47	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			06/19/23 16:47	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			06/19/23 16:47	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			06/19/23 16:47	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			06/19/23 16:47	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			06/19/23 16:47	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			06/19/23 16:47	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			06/19/23 16:47	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			06/19/23 16:47	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			06/19/23 16:47	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			06/19/23 16:47	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			06/19/23 16:47	1
2-Butanone (MEK)	ND		10	1.3	ug/L			06/19/23 16:47	1
2-Hexanone	ND		5.0	1.2	ug/L			06/19/23 16:47	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			06/19/23 16:47	1
Acetone	ND		10	3.0	ug/L			06/19/23 16:47	1
Benzene	ND		1.0	0.41	ug/L			06/19/23 16:47	1
Bromodichloromethane	ND		1.0	0.39	ug/L			06/19/23 16:47	1
Bromoform	ND		1.0	0.26	ug/L			06/19/23 16:47	1
Bromomethane	ND		1.0	0.69	ug/L			06/19/23 16:47	1
Carbon disulfide	ND		1.0	0.19	ug/L			06/19/23 16:47	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			06/19/23 16:47	1
Chlorobenzene	ND		1.0	0.75	ug/L			06/19/23 16:47	1
Chlorodibromomethane	ND		1.0	0.32	ug/L			06/19/23 16:47	1
Chloroethane	ND		1.0	0.32	ug/L			06/19/23 16:47	1
Chloroform	ND		1.0	0.34	ug/L			06/19/23 16:47	1
Chloromethane	ND		1.0	0.35	ug/L			06/19/23 16:47	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			06/19/23 16:47	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			06/19/23 16:47	1
Cyclohexane	ND		1.0	0.18	ug/L			06/19/23 16:47	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			06/19/23 16:47	1
Ethylbenzene	ND		1.0	0.74	ug/L			06/19/23 16:47	1
Ethylene Dibromide	ND		1.0	0.73	ug/L			06/19/23 16:47	1
Isopropylbenzene	ND		1.0	0.79	ug/L			06/19/23 16:47	1
Methyl acetate	ND		2.5	1.3	ug/L			06/19/23 16:47	1
Methyl tert-butyl ether	0.36	J	1.0	0.16	ug/L			06/19/23 16:47	1
Methylcyclohexane	ND		1.0	0.16	ug/L			06/19/23 16:47	1
Methylene Chloride	ND		1.0	0.44	ug/L			06/19/23 16:47	1
Styrene	ND		1.0	0.73	ug/L			06/19/23 16:47	1
Tetrachloroethene	ND		1.0	0.36	ug/L			06/19/23 16:47	1
Toluene	ND		1.0	0.51	ug/L			06/19/23 16:47	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			06/19/23 16:47	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			06/19/23 16:47	1
Trichloroethene	ND		1.0	0.46	ug/L			06/19/23 16:47	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			06/19/23 16:47	1
Vinyl chloride	ND		1.0	0.90	ug/L			06/19/23 16:47	1
Xylenes, Total	ND		2.0	0.66	ug/L			06/19/23 16:47	1

Eurofins Buffalo

Client Sample Results

Client: Ramboll US Corporation
Project/Site: Forest Glen Monitoring

Job ID: 480-209956-1

Client Sample ID: MW-5D-061423

Lab Sample ID: 480-209956-3

Date Collected: 06/14/23 11:15

Matrix: Water

Date Received: 06/15/23 13:25

<i>Surrogate</i>	<i>%Recovery</i>	<i>Qualifier</i>	<i>Limits</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Dil Fac</i>
<i>Toluene-d8 (Surr)</i>	97		80 - 120		06/19/23 16:47	1
<i>1,2-Dichloroethane-d4 (Surr)</i>	92		77 - 120		06/19/23 16:47	1
<i>4-Bromofluorobenzene (Surr)</i>	103		73 - 120		06/19/23 16:47	1
<i>Dibromofluoromethane (Surr)</i>	96		75 - 123		06/19/23 16:47	1

Client Sample Results

Client: Ramboll US Corporation
Project/Site: Forest Glen Monitoring

Job ID: 480-209956-1

Client Sample ID: MW-5S-061423

Lab Sample ID: 480-209956-4

Date Collected: 06/14/23 12:20

Matrix: Water

Date Received: 06/15/23 13:25

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			06/19/23 17:09	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			06/19/23 17:09	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			06/19/23 17:09	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			06/19/23 17:09	1
1,1-Dichloroethane	1.2		1.0	0.38	ug/L			06/19/23 17:09	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			06/19/23 17:09	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			06/19/23 17:09	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			06/19/23 17:09	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			06/19/23 17:09	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			06/19/23 17:09	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			06/19/23 17:09	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			06/19/23 17:09	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			06/19/23 17:09	1
2-Butanone (MEK)	ND		10	1.3	ug/L			06/19/23 17:09	1
2-Hexanone	ND		5.0	1.2	ug/L			06/19/23 17:09	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			06/19/23 17:09	1
Acetone	ND		10	3.0	ug/L			06/19/23 17:09	1
Benzene	ND		1.0	0.41	ug/L			06/19/23 17:09	1
Bromodichloromethane	ND		1.0	0.39	ug/L			06/19/23 17:09	1
Bromoform	ND		1.0	0.26	ug/L			06/19/23 17:09	1
Bromomethane	ND		1.0	0.69	ug/L			06/19/23 17:09	1
Carbon disulfide	ND		1.0	0.19	ug/L			06/19/23 17:09	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			06/19/23 17:09	1
Chlorobenzene	ND		1.0	0.75	ug/L			06/19/23 17:09	1
Chlorodibromomethane	ND		1.0	0.32	ug/L			06/19/23 17:09	1
Chloroethane	ND		1.0	0.32	ug/L			06/19/23 17:09	1
Chloroform	ND		1.0	0.34	ug/L			06/19/23 17:09	1
Chloromethane	ND		1.0	0.35	ug/L			06/19/23 17:09	1
cis-1,2-Dichloroethene	4.7		1.0	0.81	ug/L			06/19/23 17:09	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			06/19/23 17:09	1
Cyclohexane	ND		1.0	0.18	ug/L			06/19/23 17:09	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			06/19/23 17:09	1
Ethylbenzene	ND		1.0	0.74	ug/L			06/19/23 17:09	1
Ethylene Dibromide	ND		1.0	0.73	ug/L			06/19/23 17:09	1
Isopropylbenzene	ND		1.0	0.79	ug/L			06/19/23 17:09	1
Methyl acetate	ND		2.5	1.3	ug/L			06/19/23 17:09	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			06/19/23 17:09	1
Methylcyclohexane	ND		1.0	0.16	ug/L			06/19/23 17:09	1
Methylene Chloride	ND		1.0	0.44	ug/L			06/19/23 17:09	1
Styrene	ND		1.0	0.73	ug/L			06/19/23 17:09	1
Tetrachloroethene	ND		1.0	0.36	ug/L			06/19/23 17:09	1
Toluene	ND		1.0	0.51	ug/L			06/19/23 17:09	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			06/19/23 17:09	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			06/19/23 17:09	1
Trichloroethene	0.92 J		1.0	0.46	ug/L			06/19/23 17:09	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			06/19/23 17:09	1
Vinyl chloride	ND		1.0	0.90	ug/L			06/19/23 17:09	1
Xylenes, Total	ND		2.0	0.66	ug/L			06/19/23 17:09	1

Eurofins Buffalo

Client Sample Results

Client: Ramboll US Corporation
Project/Site: Forest Glen Monitoring

Job ID: 480-209956-1

Client Sample ID: MW-5S-061423

Lab Sample ID: 480-209956-4

Date Collected: 06/14/23 12:20

Matrix: Water

Date Received: 06/15/23 13:25

<i>Surrogate</i>	<i>%Recovery</i>	<i>Qualifier</i>	<i>Limits</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Dil Fac</i>
<i>Toluene-d8 (Surr)</i>	93		80 - 120		06/19/23 17:09	1
<i>1,2-Dichloroethane-d4 (Surr)</i>	94		77 - 120		06/19/23 17:09	1
<i>4-Bromofluorobenzene (Surr)</i>	106		73 - 120		06/19/23 17:09	1
<i>Dibromofluoromethane (Surr)</i>	94		75 - 123		06/19/23 17:09	1

Client Sample Results

Client: Ramboll US Corporation
Project/Site: Forest Glen Monitoring

Job ID: 480-209956-1

Client Sample ID: MW-4D-061423

Lab Sample ID: 480-209956-5

Date Collected: 06/14/23 15:05

Matrix: Water

Date Received: 06/15/23 13:25

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			06/19/23 17:31	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			06/19/23 17:31	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			06/19/23 17:31	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			06/19/23 17:31	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			06/19/23 17:31	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			06/19/23 17:31	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			06/19/23 17:31	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			06/19/23 17:31	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			06/19/23 17:31	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			06/19/23 17:31	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			06/19/23 17:31	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			06/19/23 17:31	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			06/19/23 17:31	1
2-Butanone (MEK)	ND		10	1.3	ug/L			06/19/23 17:31	1
2-Hexanone	ND		5.0	1.2	ug/L			06/19/23 17:31	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			06/19/23 17:31	1
Acetone	ND		10	3.0	ug/L			06/19/23 17:31	1
Benzene	ND		1.0	0.41	ug/L			06/19/23 17:31	1
Bromodichloromethane	ND		1.0	0.39	ug/L			06/19/23 17:31	1
Bromoform	ND		1.0	0.26	ug/L			06/19/23 17:31	1
Bromomethane	ND		1.0	0.69	ug/L			06/19/23 17:31	1
Carbon disulfide	ND		1.0	0.19	ug/L			06/19/23 17:31	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			06/19/23 17:31	1
Chlorobenzene	ND		1.0	0.75	ug/L			06/19/23 17:31	1
Chlorodibromomethane	ND		1.0	0.32	ug/L			06/19/23 17:31	1
Chloroethane	ND		1.0	0.32	ug/L			06/19/23 17:31	1
Chloroform	ND		1.0	0.34	ug/L			06/19/23 17:31	1
Chloromethane	ND		1.0	0.35	ug/L			06/19/23 17:31	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			06/19/23 17:31	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			06/19/23 17:31	1
Cyclohexane	ND		1.0	0.18	ug/L			06/19/23 17:31	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			06/19/23 17:31	1
Ethylbenzene	ND		1.0	0.74	ug/L			06/19/23 17:31	1
Ethylene Dibromide	ND		1.0	0.73	ug/L			06/19/23 17:31	1
Isopropylbenzene	ND		1.0	0.79	ug/L			06/19/23 17:31	1
Methyl acetate	ND		2.5	1.3	ug/L			06/19/23 17:31	1
Methyl tert-butyl ether	0.31	J	1.0	0.16	ug/L			06/19/23 17:31	1
Methylcyclohexane	ND		1.0	0.16	ug/L			06/19/23 17:31	1
Methylene Chloride	ND		1.0	0.44	ug/L			06/19/23 17:31	1
Styrene	ND		1.0	0.73	ug/L			06/19/23 17:31	1
Tetrachloroethene	ND		1.0	0.36	ug/L			06/19/23 17:31	1
Toluene	ND		1.0	0.51	ug/L			06/19/23 17:31	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			06/19/23 17:31	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			06/19/23 17:31	1
Trichloroethene	ND		1.0	0.46	ug/L			06/19/23 17:31	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			06/19/23 17:31	1
Vinyl chloride	ND		1.0	0.90	ug/L			06/19/23 17:31	1
Xylenes, Total	ND		2.0	0.66	ug/L			06/19/23 17:31	1

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Client Sample Results

Client: Ramboll US Corporation
Project/Site: Forest Glen Monitoring

Job ID: 480-209956-1

Client Sample ID: MW-4D-061423

Lab Sample ID: 480-209956-5

Date Collected: 06/14/23 15:05

Matrix: Water

Date Received: 06/15/23 13:25

<i>Surrogate</i>	<i>%Recovery</i>	<i>Qualifier</i>	<i>Limits</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Dil Fac</i>
<i>Toluene-d8 (Surr)</i>	96		80 - 120		06/19/23 17:31	1
<i>1,2-Dichloroethane-d4 (Surr)</i>	94		77 - 120		06/19/23 17:31	1
<i>4-Bromofluorobenzene (Surr)</i>	100		73 - 120		06/19/23 17:31	1
<i>Dibromofluoromethane (Surr)</i>	97		75 - 123		06/19/23 17:31	1

Client Sample Results

Client: Ramboll US Corporation
Project/Site: Forest Glen Monitoring

Job ID: 480-209956-1

Client Sample ID: MW-4S-061423

Lab Sample ID: 480-209956-6

Date Collected: 06/14/23 15:00

Matrix: Water

Date Received: 06/15/23 13:25

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			06/19/23 17:54	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			06/19/23 17:54	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			06/19/23 17:54	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			06/19/23 17:54	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			06/19/23 17:54	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			06/19/23 17:54	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			06/19/23 17:54	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			06/19/23 17:54	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			06/19/23 17:54	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			06/19/23 17:54	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			06/19/23 17:54	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			06/19/23 17:54	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			06/19/23 17:54	1
2-Butanone (MEK)	ND		10	1.3	ug/L			06/19/23 17:54	1
2-Hexanone	ND		5.0	1.2	ug/L			06/19/23 17:54	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			06/19/23 17:54	1
Acetone	ND		10	3.0	ug/L			06/19/23 17:54	1
Benzene	ND		1.0	0.41	ug/L			06/19/23 17:54	1
Bromodichloromethane	ND		1.0	0.39	ug/L			06/19/23 17:54	1
Bromoform	ND		1.0	0.26	ug/L			06/19/23 17:54	1
Bromomethane	ND		1.0	0.69	ug/L			06/19/23 17:54	1
Carbon disulfide	ND		1.0	0.19	ug/L			06/19/23 17:54	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			06/19/23 17:54	1
Chlorobenzene	ND		1.0	0.75	ug/L			06/19/23 17:54	1
Chlorodibromomethane	ND		1.0	0.32	ug/L			06/19/23 17:54	1
Chloroethane	ND		1.0	0.32	ug/L			06/19/23 17:54	1
Chloroform	ND		1.0	0.34	ug/L			06/19/23 17:54	1
Chloromethane	ND		1.0	0.35	ug/L			06/19/23 17:54	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			06/19/23 17:54	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			06/19/23 17:54	1
Cyclohexane	ND		1.0	0.18	ug/L			06/19/23 17:54	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			06/19/23 17:54	1
Ethylbenzene	ND		1.0	0.74	ug/L			06/19/23 17:54	1
Ethylene Dibromide	ND		1.0	0.73	ug/L			06/19/23 17:54	1
Isopropylbenzene	ND		1.0	0.79	ug/L			06/19/23 17:54	1
Methyl acetate	ND		2.5	1.3	ug/L			06/19/23 17:54	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			06/19/23 17:54	1
Methylcyclohexane	ND		1.0	0.16	ug/L			06/19/23 17:54	1
Methylene Chloride	ND		1.0	0.44	ug/L			06/19/23 17:54	1
Styrene	ND		1.0	0.73	ug/L			06/19/23 17:54	1
Tetrachloroethene	ND		1.0	0.36	ug/L			06/19/23 17:54	1
Toluene	ND		1.0	0.51	ug/L			06/19/23 17:54	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			06/19/23 17:54	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			06/19/23 17:54	1
Trichloroethene	ND		1.0	0.46	ug/L			06/19/23 17:54	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			06/19/23 17:54	1
Vinyl chloride	ND		1.0	0.90	ug/L			06/19/23 17:54	1
Xylenes, Total	ND		2.0	0.66	ug/L			06/19/23 17:54	1

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Client Sample Results

Client: Ramboll US Corporation
Project/Site: Forest Glen Monitoring

Job ID: 480-209956-1

Client Sample ID: MW-4S-061423

Lab Sample ID: 480-209956-6

Date Collected: 06/14/23 15:00

Matrix: Water

Date Received: 06/15/23 13:25

<i>Surrogate</i>	<i>%Recovery</i>	<i>Qualifier</i>	<i>Limits</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Dil Fac</i>
<i>Toluene-d8 (Surr)</i>	96		80 - 120		06/19/23 17:54	1
<i>1,2-Dichloroethane-d4 (Surr)</i>	94		77 - 120		06/19/23 17:54	1
<i>4-Bromofluorobenzene (Surr)</i>	105		73 - 120		06/19/23 17:54	1
<i>Dibromofluoromethane (Surr)</i>	100		75 - 123		06/19/23 17:54	1

Client Sample Results

Client: Ramboll US Corporation
Project/Site: Forest Glen Monitoring

Job ID: 480-209956-1

Client Sample ID: X-1-061423

Lab Sample ID: 480-209956-7

Date Collected: 06/14/23 00:00

Matrix: Water

Date Received: 06/15/23 13:25

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			06/19/23 18:16	1
1,1,1,2-Tetrachloroethane	ND		1.0	0.21	ug/L			06/19/23 18:16	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			06/19/23 18:16	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			06/19/23 18:16	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			06/19/23 18:16	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			06/19/23 18:16	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			06/19/23 18:16	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			06/19/23 18:16	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			06/19/23 18:16	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			06/19/23 18:16	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			06/19/23 18:16	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			06/19/23 18:16	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			06/19/23 18:16	1
2-Butanone (MEK)	ND		10	1.3	ug/L			06/19/23 18:16	1
2-Hexanone	ND		5.0	1.2	ug/L			06/19/23 18:16	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			06/19/23 18:16	1
Acetone	ND		10	3.0	ug/L			06/19/23 18:16	1
Benzene	ND		1.0	0.41	ug/L			06/19/23 18:16	1
Bromodichloromethane	ND		1.0	0.39	ug/L			06/19/23 18:16	1
Bromoform	ND		1.0	0.26	ug/L			06/19/23 18:16	1
Bromomethane	ND		1.0	0.69	ug/L			06/19/23 18:16	1
Carbon disulfide	ND		1.0	0.19	ug/L			06/19/23 18:16	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			06/19/23 18:16	1
Chlorobenzene	ND		1.0	0.75	ug/L			06/19/23 18:16	1
Chlorodibromomethane	ND		1.0	0.32	ug/L			06/19/23 18:16	1
Chloroethane	ND		1.0	0.32	ug/L			06/19/23 18:16	1
Chloroform	ND		1.0	0.34	ug/L			06/19/23 18:16	1
Chloromethane	ND		1.0	0.35	ug/L			06/19/23 18:16	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			06/19/23 18:16	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			06/19/23 18:16	1
Cyclohexane	ND		1.0	0.18	ug/L			06/19/23 18:16	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			06/19/23 18:16	1
Ethylbenzene	ND		1.0	0.74	ug/L			06/19/23 18:16	1
Ethylene Dibromide	ND		1.0	0.73	ug/L			06/19/23 18:16	1
Isopropylbenzene	ND		1.0	0.79	ug/L			06/19/23 18:16	1
Methyl acetate	ND		2.5	1.3	ug/L			06/19/23 18:16	1
Methyl tert-butyl ether	0.21	J	1.0	0.16	ug/L			06/19/23 18:16	1
Methylcyclohexane	ND		1.0	0.16	ug/L			06/19/23 18:16	1
Methylene Chloride	ND		1.0	0.44	ug/L			06/19/23 18:16	1
Styrene	ND		1.0	0.73	ug/L			06/19/23 18:16	1
Tetrachloroethene	ND		1.0	0.36	ug/L			06/19/23 18:16	1
Toluene	ND		1.0	0.51	ug/L			06/19/23 18:16	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			06/19/23 18:16	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			06/19/23 18:16	1
Trichloroethene	ND		1.0	0.46	ug/L			06/19/23 18:16	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			06/19/23 18:16	1
Vinyl chloride	ND		1.0	0.90	ug/L			06/19/23 18:16	1
Xylenes, Total	ND		2.0	0.66	ug/L			06/19/23 18:16	1

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Client Sample Results

Client: Ramboll US Corporation
Project/Site: Forest Glen Monitoring

Job ID: 480-209956-1

Client Sample ID: X-1-061423

Lab Sample ID: 480-209956-7

Date Collected: 06/14/23 00:00

Matrix: Water

Date Received: 06/15/23 13:25

<i>Surrogate</i>	<i>%Recovery</i>	<i>Qualifier</i>	<i>Limits</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Dil Fac</i>
<i>Toluene-d8 (Surr)</i>	97		80 - 120		06/19/23 18:16	1
<i>1,2-Dichloroethane-d4 (Surr)</i>	95		77 - 120		06/19/23 18:16	1
<i>4-Bromofluorobenzene (Surr)</i>	100		73 - 120		06/19/23 18:16	1
<i>Dibromofluoromethane (Surr)</i>	101		75 - 123		06/19/23 18:16	1

Client Sample Results

Client: Ramboll US Corporation
Project/Site: Forest Glen Monitoring

Job ID: 480-209956-1

Client Sample ID: MW-6S-061423

Lab Sample ID: 480-209956-8

Date Collected: 06/14/23 10:55

Matrix: Water

Date Received: 06/15/23 13:25

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			06/19/23 18:38	1
1,1,1,2-Tetrachloroethane	ND		1.0	0.21	ug/L			06/19/23 18:38	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			06/19/23 18:38	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			06/19/23 18:38	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			06/19/23 18:38	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			06/19/23 18:38	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			06/19/23 18:38	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			06/19/23 18:38	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			06/19/23 18:38	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			06/19/23 18:38	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			06/19/23 18:38	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			06/19/23 18:38	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			06/19/23 18:38	1
2-Butanone (MEK)	ND		10	1.3	ug/L			06/19/23 18:38	1
2-Hexanone	ND		5.0	1.2	ug/L			06/19/23 18:38	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			06/19/23 18:38	1
Acetone	ND		10	3.0	ug/L			06/19/23 18:38	1
Benzene	ND		1.0	0.41	ug/L			06/19/23 18:38	1
Bromodichloromethane	ND		1.0	0.39	ug/L			06/19/23 18:38	1
Bromoform	ND		1.0	0.26	ug/L			06/19/23 18:38	1
Bromomethane	ND		1.0	0.69	ug/L			06/19/23 18:38	1
Carbon disulfide	ND		1.0	0.19	ug/L			06/19/23 18:38	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			06/19/23 18:38	1
Chlorobenzene	ND		1.0	0.75	ug/L			06/19/23 18:38	1
Chlorodibromomethane	ND		1.0	0.32	ug/L			06/19/23 18:38	1
Chloroethane	ND		1.0	0.32	ug/L			06/19/23 18:38	1
Chloroform	ND		1.0	0.34	ug/L			06/19/23 18:38	1
Chloromethane	ND		1.0	0.35	ug/L			06/19/23 18:38	1
cis-1,2-Dichloroethene	3.9		1.0	0.81	ug/L			06/19/23 18:38	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			06/19/23 18:38	1
Cyclohexane	ND		1.0	0.18	ug/L			06/19/23 18:38	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			06/19/23 18:38	1
Ethylbenzene	ND		1.0	0.74	ug/L			06/19/23 18:38	1
Ethylene Dibromide	ND		1.0	0.73	ug/L			06/19/23 18:38	1
Isopropylbenzene	ND		1.0	0.79	ug/L			06/19/23 18:38	1
Methyl acetate	ND		2.5	1.3	ug/L			06/19/23 18:38	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			06/19/23 18:38	1
Methylcyclohexane	ND		1.0	0.16	ug/L			06/19/23 18:38	1
Methylene Chloride	ND		1.0	0.44	ug/L			06/19/23 18:38	1
Styrene	ND		1.0	0.73	ug/L			06/19/23 18:38	1
Tetrachloroethene	ND		1.0	0.36	ug/L			06/19/23 18:38	1
Toluene	ND		1.0	0.51	ug/L			06/19/23 18:38	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			06/19/23 18:38	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			06/19/23 18:38	1
Trichloroethene	4.8		1.0	0.46	ug/L			06/19/23 18:38	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			06/19/23 18:38	1
Vinyl chloride	ND		1.0	0.90	ug/L			06/19/23 18:38	1
Xylenes, Total	ND		2.0	0.66	ug/L			06/19/23 18:38	1

Eurofins Buffalo

Client Sample Results

Client: Ramboll US Corporation
Project/Site: Forest Glen Monitoring

Job ID: 480-209956-1

Client Sample ID: MW-6S-061423

Lab Sample ID: 480-209956-8

Date Collected: 06/14/23 10:55

Matrix: Water

Date Received: 06/15/23 13:25

<i>Surrogate</i>	<i>%Recovery</i>	<i>Qualifier</i>	<i>Limits</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Dil Fac</i>
<i>Toluene-d8 (Surr)</i>	94		80 - 120		06/19/23 18:38	1
<i>1,2-Dichloroethane-d4 (Surr)</i>	97		77 - 120		06/19/23 18:38	1
<i>4-Bromofluorobenzene (Surr)</i>	100		73 - 120		06/19/23 18:38	1
<i>Dibromofluoromethane (Surr)</i>	101		75 - 123		06/19/23 18:38	1

Client Sample Results

Client: Ramboll US Corporation
Project/Site: Forest Glen Monitoring

Job ID: 480-209956-1

Client Sample ID: MW-6D-061423

Lab Sample ID: 480-209956-9

Date Collected: 06/14/23 09:14

Matrix: Water

Date Received: 06/15/23 13:25

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			06/19/23 19:01	1
1,1,1,2-Tetrachloroethane	ND		1.0	0.21	ug/L			06/19/23 19:01	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			06/19/23 19:01	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			06/19/23 19:01	1
1,1-Dichloroethane	0.50	J	1.0	0.38	ug/L			06/19/23 19:01	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			06/19/23 19:01	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			06/19/23 19:01	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			06/19/23 19:01	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			06/19/23 19:01	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			06/19/23 19:01	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			06/19/23 19:01	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			06/19/23 19:01	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			06/19/23 19:01	1
2-Butanone (MEK)	ND		10	1.3	ug/L			06/19/23 19:01	1
2-Hexanone	ND		5.0	1.2	ug/L			06/19/23 19:01	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			06/19/23 19:01	1
Acetone	ND		10	3.0	ug/L			06/19/23 19:01	1
Benzene	ND		1.0	0.41	ug/L			06/19/23 19:01	1
Bromodichloromethane	ND		1.0	0.39	ug/L			06/19/23 19:01	1
Bromoform	ND		1.0	0.26	ug/L			06/19/23 19:01	1
Bromomethane	ND		1.0	0.69	ug/L			06/19/23 19:01	1
Carbon disulfide	ND		1.0	0.19	ug/L			06/19/23 19:01	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			06/19/23 19:01	1
Chlorobenzene	ND		1.0	0.75	ug/L			06/19/23 19:01	1
Chlorodibromomethane	ND		1.0	0.32	ug/L			06/19/23 19:01	1
Chloroethane	ND		1.0	0.32	ug/L			06/19/23 19:01	1
Chloroform	ND		1.0	0.34	ug/L			06/19/23 19:01	1
Chloromethane	ND		1.0	0.35	ug/L			06/19/23 19:01	1
cis-1,2-Dichloroethene	0.91	J	1.0	0.81	ug/L			06/19/23 19:01	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			06/19/23 19:01	1
Cyclohexane	ND		1.0	0.18	ug/L			06/19/23 19:01	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			06/19/23 19:01	1
Ethylbenzene	ND		1.0	0.74	ug/L			06/19/23 19:01	1
Ethylene Dibromide	ND		1.0	0.73	ug/L			06/19/23 19:01	1
Isopropylbenzene	ND		1.0	0.79	ug/L			06/19/23 19:01	1
Methyl acetate	ND		2.5	1.3	ug/L			06/19/23 19:01	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			06/19/23 19:01	1
Methylcyclohexane	ND		1.0	0.16	ug/L			06/19/23 19:01	1
Methylene Chloride	ND		1.0	0.44	ug/L			06/19/23 19:01	1
Styrene	ND		1.0	0.73	ug/L			06/19/23 19:01	1
Tetrachloroethene	ND		1.0	0.36	ug/L			06/19/23 19:01	1
Toluene	ND		1.0	0.51	ug/L			06/19/23 19:01	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			06/19/23 19:01	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			06/19/23 19:01	1
Trichloroethene	ND		1.0	0.46	ug/L			06/19/23 19:01	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			06/19/23 19:01	1
Vinyl chloride	1.1		1.0	0.90	ug/L			06/19/23 19:01	1
Xylenes, Total	ND		2.0	0.66	ug/L			06/19/23 19:01	1

Eurofins Buffalo

Client Sample Results

Client: Ramboll US Corporation
Project/Site: Forest Glen Monitoring

Job ID: 480-209956-1

Client Sample ID: MW-6D-061423

Lab Sample ID: 480-209956-9

Date Collected: 06/14/23 09:14

Matrix: Water

Date Received: 06/15/23 13:25

<i>Surrogate</i>	<i>%Recovery</i>	<i>Qualifier</i>	<i>Limits</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Dil Fac</i>
<i>Toluene-d8 (Surr)</i>	94		80 - 120		06/19/23 19:01	1
<i>1,2-Dichloroethane-d4 (Surr)</i>	92		77 - 120		06/19/23 19:01	1
<i>4-Bromofluorobenzene (Surr)</i>	101		73 - 120		06/19/23 19:01	1
<i>Dibromofluoromethane (Surr)</i>	101		75 - 123		06/19/23 19:01	1

Client Sample Results

Client: Ramboll US Corporation
Project/Site: Forest Glen Monitoring

Job ID: 480-209956-1

Client Sample ID: MW-6DD-061423

Lab Sample ID: 480-209956-10

Date Collected: 06/14/23 08:22

Matrix: Water

Date Received: 06/15/23 13:25

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			06/19/23 19:23	1
1,1,1,2-Tetrachloroethane	ND		1.0	0.21	ug/L			06/19/23 19:23	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			06/19/23 19:23	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			06/19/23 19:23	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			06/19/23 19:23	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			06/19/23 19:23	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			06/19/23 19:23	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			06/19/23 19:23	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			06/19/23 19:23	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			06/19/23 19:23	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			06/19/23 19:23	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			06/19/23 19:23	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			06/19/23 19:23	1
2-Butanone (MEK)	ND		10	1.3	ug/L			06/19/23 19:23	1
2-Hexanone	ND		5.0	1.2	ug/L			06/19/23 19:23	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			06/19/23 19:23	1
Acetone	ND		10	3.0	ug/L			06/19/23 19:23	1
Benzene	ND		1.0	0.41	ug/L			06/19/23 19:23	1
Bromodichloromethane	ND		1.0	0.39	ug/L			06/19/23 19:23	1
Bromoform	ND		1.0	0.26	ug/L			06/19/23 19:23	1
Bromomethane	ND		1.0	0.69	ug/L			06/19/23 19:23	1
Carbon disulfide	ND		1.0	0.19	ug/L			06/19/23 19:23	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			06/19/23 19:23	1
Chlorobenzene	ND		1.0	0.75	ug/L			06/19/23 19:23	1
Chlorodibromomethane	ND		1.0	0.32	ug/L			06/19/23 19:23	1
Chloroethane	ND		1.0	0.32	ug/L			06/19/23 19:23	1
Chloroform	ND		1.0	0.34	ug/L			06/19/23 19:23	1
Chloromethane	ND		1.0	0.35	ug/L			06/19/23 19:23	1
cis-1,2-Dichloroethene	19		1.0	0.81	ug/L			06/19/23 19:23	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			06/19/23 19:23	1
Cyclohexane	ND		1.0	0.18	ug/L			06/19/23 19:23	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			06/19/23 19:23	1
Ethylbenzene	ND		1.0	0.74	ug/L			06/19/23 19:23	1
Ethylene Dibromide	ND		1.0	0.73	ug/L			06/19/23 19:23	1
Isopropylbenzene	ND		1.0	0.79	ug/L			06/19/23 19:23	1
Methyl acetate	ND		2.5	1.3	ug/L			06/19/23 19:23	1
Methyl tert-butyl ether	0.21	J	1.0	0.16	ug/L			06/19/23 19:23	1
Methylcyclohexane	ND		1.0	0.16	ug/L			06/19/23 19:23	1
Methylene Chloride	ND		1.0	0.44	ug/L			06/19/23 19:23	1
Styrene	ND		1.0	0.73	ug/L			06/19/23 19:23	1
Tetrachloroethene	ND		1.0	0.36	ug/L			06/19/23 19:23	1
Toluene	ND		1.0	0.51	ug/L			06/19/23 19:23	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			06/19/23 19:23	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			06/19/23 19:23	1
Trichloroethene	ND		1.0	0.46	ug/L			06/19/23 19:23	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			06/19/23 19:23	1
Vinyl chloride	3.8		1.0	0.90	ug/L			06/19/23 19:23	1
Xylenes, Total	ND		2.0	0.66	ug/L			06/19/23 19:23	1

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Client Sample Results

Client: Ramboll US Corporation
Project/Site: Forest Glen Monitoring

Job ID: 480-209956-1

Client Sample ID: MW-6DD-061423

Lab Sample ID: 480-209956-10

Date Collected: 06/14/23 08:22

Matrix: Water

Date Received: 06/15/23 13:25

<i>Surrogate</i>	<i>%Recovery</i>	<i>Qualifier</i>	<i>Limits</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Dil Fac</i>
<i>Toluene-d8 (Surr)</i>	95		80 - 120		06/19/23 19:23	1
<i>1,2-Dichloroethane-d4 (Surr)</i>	95		77 - 120		06/19/23 19:23	1
<i>4-Bromofluorobenzene (Surr)</i>	104		73 - 120		06/19/23 19:23	1
<i>Dibromofluoromethane (Surr)</i>	105		75 - 123		06/19/23 19:23	1

Client Sample Results

Client: Ramboll US Corporation
Project/Site: Forest Glen Monitoring

Job ID: 480-209956-1

Client Sample ID: MW-10D-061423

Lab Sample ID: 480-209956-11

Date Collected: 06/14/23 13:10

Matrix: Water

Date Received: 06/15/23 13:25

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			06/19/23 19:46	1
1,1,1,2-Tetrachloroethane	ND		1.0	0.21	ug/L			06/19/23 19:46	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			06/19/23 19:46	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			06/19/23 19:46	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			06/19/23 19:46	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			06/19/23 19:46	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			06/19/23 19:46	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			06/19/23 19:46	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			06/19/23 19:46	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			06/19/23 19:46	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			06/19/23 19:46	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			06/19/23 19:46	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			06/19/23 19:46	1
2-Butanone (MEK)	ND		10	1.3	ug/L			06/19/23 19:46	1
2-Hexanone	ND		5.0	1.2	ug/L			06/19/23 19:46	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			06/19/23 19:46	1
Acetone	ND		10	3.0	ug/L			06/19/23 19:46	1
Benzene	ND		1.0	0.41	ug/L			06/19/23 19:46	1
Bromodichloromethane	ND		1.0	0.39	ug/L			06/19/23 19:46	1
Bromoform	ND		1.0	0.26	ug/L			06/19/23 19:46	1
Bromomethane	ND		1.0	0.69	ug/L			06/19/23 19:46	1
Carbon disulfide	ND		1.0	0.19	ug/L			06/19/23 19:46	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			06/19/23 19:46	1
Chlorobenzene	ND		1.0	0.75	ug/L			06/19/23 19:46	1
Chlorodibromomethane	ND		1.0	0.32	ug/L			06/19/23 19:46	1
Chloroethane	ND		1.0	0.32	ug/L			06/19/23 19:46	1
Chloroform	ND		1.0	0.34	ug/L			06/19/23 19:46	1
Chloromethane	ND		1.0	0.35	ug/L			06/19/23 19:46	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			06/19/23 19:46	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			06/19/23 19:46	1
Cyclohexane	ND		1.0	0.18	ug/L			06/19/23 19:46	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			06/19/23 19:46	1
Ethylbenzene	ND		1.0	0.74	ug/L			06/19/23 19:46	1
Ethylene Dibromide	ND		1.0	0.73	ug/L			06/19/23 19:46	1
Isopropylbenzene	ND		1.0	0.79	ug/L			06/19/23 19:46	1
Methyl acetate	ND		2.5	1.3	ug/L			06/19/23 19:46	1
Methyl tert-butyl ether	0.22	J	1.0	0.16	ug/L			06/19/23 19:46	1
Methylcyclohexane	ND		1.0	0.16	ug/L			06/19/23 19:46	1
Methylene Chloride	ND		1.0	0.44	ug/L			06/19/23 19:46	1
Styrene	ND		1.0	0.73	ug/L			06/19/23 19:46	1
Tetrachloroethene	ND		1.0	0.36	ug/L			06/19/23 19:46	1
Toluene	ND		1.0	0.51	ug/L			06/19/23 19:46	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			06/19/23 19:46	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			06/19/23 19:46	1
Trichloroethene	ND		1.0	0.46	ug/L			06/19/23 19:46	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			06/19/23 19:46	1
Vinyl chloride	ND		1.0	0.90	ug/L			06/19/23 19:46	1
Xylenes, Total	ND		2.0	0.66	ug/L			06/19/23 19:46	1

Eurofins Buffalo

Client Sample Results

Client: Ramboll US Corporation
Project/Site: Forest Glen Monitoring

Job ID: 480-209956-1

Client Sample ID: MW-10D-061423

Lab Sample ID: 480-209956-11

Date Collected: 06/14/23 13:10

Matrix: Water

Date Received: 06/15/23 13:25

<i>Surrogate</i>	<i>%Recovery</i>	<i>Qualifier</i>	<i>Limits</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Dil Fac</i>
<i>Toluene-d8 (Surr)</i>	95		80 - 120		06/19/23 19:46	1
<i>1,2-Dichloroethane-d4 (Surr)</i>	96		77 - 120		06/19/23 19:46	1
<i>4-Bromofluorobenzene (Surr)</i>	104		73 - 120		06/19/23 19:46	1
<i>Dibromofluoromethane (Surr)</i>	101		75 - 123		06/19/23 19:46	1

Client Sample Results

Client: Ramboll US Corporation
Project/Site: Forest Glen Monitoring

Job ID: 480-209956-1

Client Sample ID: MW-10S-061423

Lab Sample ID: 480-209956-12

Date Collected: 06/14/23 12:25

Matrix: Water

Date Received: 06/15/23 13:25

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			06/19/23 20:08	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			06/19/23 20:08	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			06/19/23 20:08	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			06/19/23 20:08	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			06/19/23 20:08	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			06/19/23 20:08	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			06/19/23 20:08	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			06/19/23 20:08	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			06/19/23 20:08	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			06/19/23 20:08	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			06/19/23 20:08	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			06/19/23 20:08	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			06/19/23 20:08	1
2-Butanone (MEK)	ND		10	1.3	ug/L			06/19/23 20:08	1
2-Hexanone	ND		5.0	1.2	ug/L			06/19/23 20:08	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			06/19/23 20:08	1
Acetone	ND		10	3.0	ug/L			06/19/23 20:08	1
Benzene	ND		1.0	0.41	ug/L			06/19/23 20:08	1
Bromodichloromethane	ND		1.0	0.39	ug/L			06/19/23 20:08	1
Bromoform	ND		1.0	0.26	ug/L			06/19/23 20:08	1
Bromomethane	ND		1.0	0.69	ug/L			06/19/23 20:08	1
Carbon disulfide	ND		1.0	0.19	ug/L			06/19/23 20:08	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			06/19/23 20:08	1
Chlorobenzene	ND		1.0	0.75	ug/L			06/19/23 20:08	1
Chlorodibromomethane	ND		1.0	0.32	ug/L			06/19/23 20:08	1
Chloroethane	ND		1.0	0.32	ug/L			06/19/23 20:08	1
Chloroform	ND		1.0	0.34	ug/L			06/19/23 20:08	1
Chloromethane	ND		1.0	0.35	ug/L			06/19/23 20:08	1
cis-1,2-Dichloroethene	5.5	J	1.0	0.81	ug/L			06/19/23 20:08	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			06/19/23 20:08	1
Cyclohexane	ND		1.0	0.18	ug/L			06/19/23 20:08	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			06/19/23 20:08	1
Ethylbenzene	ND		1.0	0.74	ug/L			06/19/23 20:08	1
Ethylene Dibromide	ND		1.0	0.73	ug/L			06/19/23 20:08	1
Isopropylbenzene	ND		1.0	0.79	ug/L			06/19/23 20:08	1
Methyl acetate	ND		2.5	1.3	ug/L			06/19/23 20:08	1
Methyl tert-butyl ether	0.17	J	1.0	0.16	ug/L			06/19/23 20:08	1
Methylcyclohexane	ND		1.0	0.16	ug/L			06/19/23 20:08	1
Methylene Chloride	ND		1.0	0.44	ug/L			06/19/23 20:08	1
Styrene	ND		1.0	0.73	ug/L			06/19/23 20:08	1
Tetrachloroethene	ND		1.0	0.36	ug/L			06/19/23 20:08	1
Toluene	ND		1.0	0.51	ug/L			06/19/23 20:08	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			06/19/23 20:08	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			06/19/23 20:08	1
Trichloroethene	ND		1.0	0.46	ug/L			06/19/23 20:08	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			06/19/23 20:08	1
Vinyl chloride	1.0		1.0	0.90	ug/L			06/19/23 20:08	1
Xylenes, Total	ND		2.0	0.66	ug/L			06/19/23 20:08	1

Eurofins Buffalo

Client Sample Results

Client: Ramboll US Corporation
Project/Site: Forest Glen Monitoring

Job ID: 480-209956-1

Client Sample ID: MW-10S-061423

Lab Sample ID: 480-209956-12

Date Collected: 06/14/23 12:25

Matrix: Water

Date Received: 06/15/23 13:25

<i>Surrogate</i>	<i>%Recovery</i>	<i>Qualifier</i>	<i>Limits</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Dil Fac</i>
<i>Toluene-d8 (Surr)</i>	97		80 - 120		06/19/23 20:08	1
<i>1,2-Dichloroethane-d4 (Surr)</i>	88		77 - 120		06/19/23 20:08	1
<i>4-Bromofluorobenzene (Surr)</i>	104		73 - 120		06/19/23 20:08	1
<i>Dibromofluoromethane (Surr)</i>	93		75 - 123		06/19/23 20:08	1

Client Sample Results

Client: Ramboll US Corporation
Project/Site: Forest Glen Monitoring

Job ID: 480-209956-1

Client Sample ID: MW-8DD-061523

Lab Sample ID: 480-209956-13

Date Collected: 06/15/23 11:05

Matrix: Water

Date Received: 06/15/23 13:25

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			06/19/23 20:31	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			06/19/23 20:31	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			06/19/23 20:31	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			06/19/23 20:31	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			06/19/23 20:31	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			06/19/23 20:31	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			06/19/23 20:31	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			06/19/23 20:31	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			06/19/23 20:31	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			06/19/23 20:31	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			06/19/23 20:31	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			06/19/23 20:31	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			06/19/23 20:31	1
2-Butanone (MEK)	ND		10	1.3	ug/L			06/19/23 20:31	1
2-Hexanone	ND		5.0	1.2	ug/L			06/19/23 20:31	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			06/19/23 20:31	1
Acetone	ND		10	3.0	ug/L			06/19/23 20:31	1
Benzene	ND		1.0	0.41	ug/L			06/19/23 20:31	1
Bromodichloromethane	ND		1.0	0.39	ug/L			06/19/23 20:31	1
Bromoform	ND		1.0	0.26	ug/L			06/19/23 20:31	1
Bromomethane	ND		1.0	0.69	ug/L			06/19/23 20:31	1
Carbon disulfide	ND		1.0	0.19	ug/L			06/19/23 20:31	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			06/19/23 20:31	1
Chlorobenzene	ND		1.0	0.75	ug/L			06/19/23 20:31	1
Chlorodibromomethane	ND		1.0	0.32	ug/L			06/19/23 20:31	1
Chloroethane	ND		1.0	0.32	ug/L			06/19/23 20:31	1
Chloroform	ND		1.0	0.34	ug/L			06/19/23 20:31	1
Chloromethane	ND		1.0	0.35	ug/L			06/19/23 20:31	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			06/19/23 20:31	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			06/19/23 20:31	1
Cyclohexane	ND		1.0	0.18	ug/L			06/19/23 20:31	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			06/19/23 20:31	1
Ethylbenzene	ND		1.0	0.74	ug/L			06/19/23 20:31	1
Ethylene Dibromide	ND		1.0	0.73	ug/L			06/19/23 20:31	1
Isopropylbenzene	ND		1.0	0.79	ug/L			06/19/23 20:31	1
Methyl acetate	ND		2.5	1.3	ug/L			06/19/23 20:31	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			06/19/23 20:31	1
Methylcyclohexane	ND		1.0	0.16	ug/L			06/19/23 20:31	1
Methylene Chloride	ND		1.0	0.44	ug/L			06/19/23 20:31	1
Styrene	ND		1.0	0.73	ug/L			06/19/23 20:31	1
Tetrachloroethene	ND		1.0	0.36	ug/L			06/19/23 20:31	1
Toluene	ND		1.0	0.51	ug/L			06/19/23 20:31	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			06/19/23 20:31	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			06/19/23 20:31	1
Trichloroethene	ND		1.0	0.46	ug/L			06/19/23 20:31	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			06/19/23 20:31	1
Vinyl chloride	ND		1.0	0.90	ug/L			06/19/23 20:31	1
Xylenes, Total	ND		2.0	0.66	ug/L			06/19/23 20:31	1

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Client Sample Results

Client: Ramboll US Corporation
Project/Site: Forest Glen Monitoring

Job ID: 480-209956-1

Client Sample ID: MW-8DD-061523

Lab Sample ID: 480-209956-13

Date Collected: 06/15/23 11:05

Matrix: Water

Date Received: 06/15/23 13:25

<i>Surrogate</i>	<i>%Recovery</i>	<i>Qualifier</i>	<i>Limits</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Dil Fac</i>
<i>Toluene-d8 (Surr)</i>	93		80 - 120		06/19/23 20:31	1
<i>1,2-Dichloroethane-d4 (Surr)</i>	92		77 - 120		06/19/23 20:31	1
<i>4-Bromofluorobenzene (Surr)</i>	101		73 - 120		06/19/23 20:31	1
<i>Dibromofluoromethane (Surr)</i>	95		75 - 123		06/19/23 20:31	1

Client Sample Results

Client: Ramboll US Corporation
Project/Site: Forest Glen Monitoring

Job ID: 480-209956-1

Client Sample ID: MW-8S-061523

Lab Sample ID: 480-209956-14

Date Collected: 06/15/23 10:00

Matrix: Water

Date Received: 06/15/23 13:25

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			06/19/23 20:53	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			06/19/23 20:53	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			06/19/23 20:53	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			06/19/23 20:53	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			06/19/23 20:53	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			06/19/23 20:53	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			06/19/23 20:53	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			06/19/23 20:53	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			06/19/23 20:53	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			06/19/23 20:53	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			06/19/23 20:53	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			06/19/23 20:53	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			06/19/23 20:53	1
2-Butanone (MEK)	ND		10	1.3	ug/L			06/19/23 20:53	1
2-Hexanone	ND		5.0	1.2	ug/L			06/19/23 20:53	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			06/19/23 20:53	1
Acetone	ND		10	3.0	ug/L			06/19/23 20:53	1
Benzene	ND		1.0	0.41	ug/L			06/19/23 20:53	1
Bromodichloromethane	ND		1.0	0.39	ug/L			06/19/23 20:53	1
Bromoform	ND		1.0	0.26	ug/L			06/19/23 20:53	1
Bromomethane	ND		1.0	0.69	ug/L			06/19/23 20:53	1
Carbon disulfide	ND		1.0	0.19	ug/L			06/19/23 20:53	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			06/19/23 20:53	1
Chlorobenzene	ND		1.0	0.75	ug/L			06/19/23 20:53	1
Chlorodibromomethane	ND		1.0	0.32	ug/L			06/19/23 20:53	1
Chloroethane	ND		1.0	0.32	ug/L			06/19/23 20:53	1
Chloroform	ND		1.0	0.34	ug/L			06/19/23 20:53	1
Chloromethane	ND		1.0	0.35	ug/L			06/19/23 20:53	1
cis-1,2-Dichloroethene	1.5		1.0	0.81	ug/L			06/19/23 20:53	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			06/19/23 20:53	1
Cyclohexane	ND		1.0	0.18	ug/L			06/19/23 20:53	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			06/19/23 20:53	1
Ethylbenzene	ND		1.0	0.74	ug/L			06/19/23 20:53	1
Ethylene Dibromide	ND		1.0	0.73	ug/L			06/19/23 20:53	1
Isopropylbenzene	ND		1.0	0.79	ug/L			06/19/23 20:53	1
Methyl acetate	ND		2.5	1.3	ug/L			06/19/23 20:53	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			06/19/23 20:53	1
Methylcyclohexane	ND		1.0	0.16	ug/L			06/19/23 20:53	1
Methylene Chloride	ND		1.0	0.44	ug/L			06/19/23 20:53	1
Styrene	ND		1.0	0.73	ug/L			06/19/23 20:53	1
Tetrachloroethene	ND		1.0	0.36	ug/L			06/19/23 20:53	1
Toluene	ND		1.0	0.51	ug/L			06/19/23 20:53	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			06/19/23 20:53	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			06/19/23 20:53	1
Trichloroethene	0.70	J	1.0	0.46	ug/L			06/19/23 20:53	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			06/19/23 20:53	1
Vinyl chloride	ND		1.0	0.90	ug/L			06/19/23 20:53	1
Xylenes, Total	ND		2.0	0.66	ug/L			06/19/23 20:53	1

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Client Sample Results

Client: Ramboll US Corporation
Project/Site: Forest Glen Monitoring

Job ID: 480-209956-1

Client Sample ID: MW-8S-061523

Lab Sample ID: 480-209956-14

Date Collected: 06/15/23 10:00

Matrix: Water

Date Received: 06/15/23 13:25

<i>Surrogate</i>	<i>%Recovery</i>	<i>Qualifier</i>	<i>Limits</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Dil Fac</i>
<i>Toluene-d8 (Surr)</i>	93		80 - 120		06/19/23 20:53	1
<i>1,2-Dichloroethane-d4 (Surr)</i>	89		77 - 120		06/19/23 20:53	1
<i>4-Bromofluorobenzene (Surr)</i>	100		73 - 120		06/19/23 20:53	1
<i>Dibromofluoromethane (Surr)</i>	96		75 - 123		06/19/23 20:53	1

Client Sample Results

Client: Ramboll US Corporation
Project/Site: Forest Glen Monitoring

Job ID: 480-209956-1

Client Sample ID: MW-8D-061523

Lab Sample ID: 480-209956-15

Date Collected: 06/15/23 09:10

Matrix: Water

Date Received: 06/15/23 13:25

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			06/19/23 21:16	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			06/19/23 21:16	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			06/19/23 21:16	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			06/19/23 21:16	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			06/19/23 21:16	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			06/19/23 21:16	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			06/19/23 21:16	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			06/19/23 21:16	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			06/19/23 21:16	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			06/19/23 21:16	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			06/19/23 21:16	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			06/19/23 21:16	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			06/19/23 21:16	1
2-Butanone (MEK)	ND		10	1.3	ug/L			06/19/23 21:16	1
2-Hexanone	ND		5.0	1.2	ug/L			06/19/23 21:16	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			06/19/23 21:16	1
Acetone	ND		10	3.0	ug/L			06/19/23 21:16	1
Benzene	ND		1.0	0.41	ug/L			06/19/23 21:16	1
Bromodichloromethane	ND		1.0	0.39	ug/L			06/19/23 21:16	1
Bromoform	ND		1.0	0.26	ug/L			06/19/23 21:16	1
Bromomethane	ND		1.0	0.69	ug/L			06/19/23 21:16	1
Carbon disulfide	ND		1.0	0.19	ug/L			06/19/23 21:16	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			06/19/23 21:16	1
Chlorobenzene	ND		1.0	0.75	ug/L			06/19/23 21:16	1
Chlorodibromomethane	ND		1.0	0.32	ug/L			06/19/23 21:16	1
Chloroethane	ND		1.0	0.32	ug/L			06/19/23 21:16	1
Chloroform	ND		1.0	0.34	ug/L			06/19/23 21:16	1
Chloromethane	ND		1.0	0.35	ug/L			06/19/23 21:16	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			06/19/23 21:16	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			06/19/23 21:16	1
Cyclohexane	ND		1.0	0.18	ug/L			06/19/23 21:16	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			06/19/23 21:16	1
Ethylbenzene	ND		1.0	0.74	ug/L			06/19/23 21:16	1
Ethylene Dibromide	ND		1.0	0.73	ug/L			06/19/23 21:16	1
Isopropylbenzene	ND		1.0	0.79	ug/L			06/19/23 21:16	1
Methyl acetate	ND		2.5	1.3	ug/L			06/19/23 21:16	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			06/19/23 21:16	1
Methylcyclohexane	ND		1.0	0.16	ug/L			06/19/23 21:16	1
Methylene Chloride	ND		1.0	0.44	ug/L			06/19/23 21:16	1
Styrene	ND		1.0	0.73	ug/L			06/19/23 21:16	1
Tetrachloroethene	ND		1.0	0.36	ug/L			06/19/23 21:16	1
Toluene	ND		1.0	0.51	ug/L			06/19/23 21:16	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			06/19/23 21:16	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			06/19/23 21:16	1
Trichloroethene	ND		1.0	0.46	ug/L			06/19/23 21:16	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			06/19/23 21:16	1
Vinyl chloride	ND		1.0	0.90	ug/L			06/19/23 21:16	1
Xylenes, Total	ND		2.0	0.66	ug/L			06/19/23 21:16	1

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Client Sample Results

Client: Ramboll US Corporation
Project/Site: Forest Glen Monitoring

Job ID: 480-209956-1

Client Sample ID: MW-8D-061523

Lab Sample ID: 480-209956-15

Date Collected: 06/15/23 09:10

Matrix: Water

Date Received: 06/15/23 13:25

<i>Surrogate</i>	<i>%Recovery</i>	<i>Qualifier</i>	<i>Limits</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Dil Fac</i>
<i>Toluene-d8 (Surr)</i>	95		80 - 120		06/19/23 21:16	1
<i>1,2-Dichloroethane-d4 (Surr)</i>	93		77 - 120		06/19/23 21:16	1
<i>4-Bromofluorobenzene (Surr)</i>	103		73 - 120		06/19/23 21:16	1
<i>Dibromofluoromethane (Surr)</i>	99		75 - 123		06/19/23 21:16	1

Client Sample Results

Client: Ramboll US Corporation
Project/Site: Forest Glen Monitoring

Job ID: 480-209956-1

Client Sample ID: MW-7DD-061523

Lab Sample ID: 480-209956-16

Date Collected: 06/15/23 11:05

Matrix: Water

Date Received: 06/15/23 13:25

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			06/19/23 21:38	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			06/19/23 21:38	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			06/19/23 21:38	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			06/19/23 21:38	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			06/19/23 21:38	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			06/19/23 21:38	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			06/19/23 21:38	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			06/19/23 21:38	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			06/19/23 21:38	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			06/19/23 21:38	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			06/19/23 21:38	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			06/19/23 21:38	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			06/19/23 21:38	1
2-Butanone (MEK)	ND		10	1.3	ug/L			06/19/23 21:38	1
2-Hexanone	ND		5.0	1.2	ug/L			06/19/23 21:38	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			06/19/23 21:38	1
Acetone	ND		10	3.0	ug/L			06/19/23 21:38	1
Benzene	ND		1.0	0.41	ug/L			06/19/23 21:38	1
Bromodichloromethane	ND		1.0	0.39	ug/L			06/19/23 21:38	1
Bromoform	ND		1.0	0.26	ug/L			06/19/23 21:38	1
Bromomethane	ND		1.0	0.69	ug/L			06/19/23 21:38	1
Carbon disulfide	ND		1.0	0.19	ug/L			06/19/23 21:38	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			06/19/23 21:38	1
Chlorobenzene	ND		1.0	0.75	ug/L			06/19/23 21:38	1
Chlorodibromomethane	ND		1.0	0.32	ug/L			06/19/23 21:38	1
Chloroethane	ND		1.0	0.32	ug/L			06/19/23 21:38	1
Chloroform	ND		1.0	0.34	ug/L			06/19/23 21:38	1
Chloromethane	ND		1.0	0.35	ug/L			06/19/23 21:38	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			06/19/23 21:38	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			06/19/23 21:38	1
Cyclohexane	ND		1.0	0.18	ug/L			06/19/23 21:38	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			06/19/23 21:38	1
Ethylbenzene	ND		1.0	0.74	ug/L			06/19/23 21:38	1
Ethylene Dibromide	ND		1.0	0.73	ug/L			06/19/23 21:38	1
Isopropylbenzene	ND		1.0	0.79	ug/L			06/19/23 21:38	1
Methyl acetate	ND		2.5	1.3	ug/L			06/19/23 21:38	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			06/19/23 21:38	1
Methylcyclohexane	ND		1.0	0.16	ug/L			06/19/23 21:38	1
Methylene Chloride	ND		1.0	0.44	ug/L			06/19/23 21:38	1
Styrene	ND		1.0	0.73	ug/L			06/19/23 21:38	1
Tetrachloroethene	ND		1.0	0.36	ug/L			06/19/23 21:38	1
Toluene	ND		1.0	0.51	ug/L			06/19/23 21:38	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			06/19/23 21:38	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			06/19/23 21:38	1
Trichloroethene	ND		1.0	0.46	ug/L			06/19/23 21:38	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			06/19/23 21:38	1
Vinyl chloride	ND		1.0	0.90	ug/L			06/19/23 21:38	1
Xylenes, Total	ND		2.0	0.66	ug/L			06/19/23 21:38	1

Eurofins Buffalo

Client Sample Results

Client: Ramboll US Corporation
Project/Site: Forest Glen Monitoring

Job ID: 480-209956-1

Client Sample ID: MW-7DD-061523

Lab Sample ID: 480-209956-16

Date Collected: 06/15/23 11:05

Matrix: Water

Date Received: 06/15/23 13:25

<i>Surrogate</i>	<i>%Recovery</i>	<i>Qualifier</i>	<i>Limits</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Dil Fac</i>
<i>Toluene-d8 (Surr)</i>	94		80 - 120		06/19/23 21:38	1
<i>1,2-Dichloroethane-d4 (Surr)</i>	92		77 - 120		06/19/23 21:38	1
<i>4-Bromofluorobenzene (Surr)</i>	102		73 - 120		06/19/23 21:38	1
<i>Dibromofluoromethane (Surr)</i>	98		75 - 123		06/19/23 21:38	1

Client Sample Results

Client: Ramboll US Corporation
Project/Site: Forest Glen Monitoring

Job ID: 480-209956-1

Client Sample ID: MW-7S-061523

Lab Sample ID: 480-209956-17

Date Collected: 06/15/23 09:45

Matrix: Water

Date Received: 06/15/23 13:25

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			06/19/23 22:00	1
1,1,1,2-Tetrachloroethane	ND		1.0	0.21	ug/L			06/19/23 22:00	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			06/19/23 22:00	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			06/19/23 22:00	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			06/19/23 22:00	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			06/19/23 22:00	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			06/19/23 22:00	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			06/19/23 22:00	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			06/19/23 22:00	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			06/19/23 22:00	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			06/19/23 22:00	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			06/19/23 22:00	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			06/19/23 22:00	1
2-Butanone (MEK)	ND		10	1.3	ug/L			06/19/23 22:00	1
2-Hexanone	ND		5.0	1.2	ug/L			06/19/23 22:00	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			06/19/23 22:00	1
Acetone	ND		10	3.0	ug/L			06/19/23 22:00	1
Benzene	ND		1.0	0.41	ug/L			06/19/23 22:00	1
Bromodichloromethane	ND		1.0	0.39	ug/L			06/19/23 22:00	1
Bromoform	ND		1.0	0.26	ug/L			06/19/23 22:00	1
Bromomethane	ND		1.0	0.69	ug/L			06/19/23 22:00	1
Carbon disulfide	ND		1.0	0.19	ug/L			06/19/23 22:00	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			06/19/23 22:00	1
Chlorobenzene	ND		1.0	0.75	ug/L			06/19/23 22:00	1
Chlorodibromomethane	ND		1.0	0.32	ug/L			06/19/23 22:00	1
Chloroethane	ND		1.0	0.32	ug/L			06/19/23 22:00	1
Chloroform	ND		1.0	0.34	ug/L			06/19/23 22:00	1
Chloromethane	ND		1.0	0.35	ug/L			06/19/23 22:00	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			06/19/23 22:00	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			06/19/23 22:00	1
Cyclohexane	ND		1.0	0.18	ug/L			06/19/23 22:00	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			06/19/23 22:00	1
Ethylbenzene	ND		1.0	0.74	ug/L			06/19/23 22:00	1
Ethylene Dibromide	ND		1.0	0.73	ug/L			06/19/23 22:00	1
Isopropylbenzene	ND		1.0	0.79	ug/L			06/19/23 22:00	1
Methyl acetate	ND		2.5	1.3	ug/L			06/19/23 22:00	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			06/19/23 22:00	1
Methylcyclohexane	ND		1.0	0.16	ug/L			06/19/23 22:00	1
Methylene Chloride	ND		1.0	0.44	ug/L			06/19/23 22:00	1
Styrene	ND		1.0	0.73	ug/L			06/19/23 22:00	1
Tetrachloroethene	ND		1.0	0.36	ug/L			06/19/23 22:00	1
Toluene	ND		1.0	0.51	ug/L			06/19/23 22:00	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			06/19/23 22:00	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			06/19/23 22:00	1
Trichloroethene	ND		1.0	0.46	ug/L			06/19/23 22:00	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			06/19/23 22:00	1
Vinyl chloride	ND		1.0	0.90	ug/L			06/19/23 22:00	1
Xylenes, Total	ND		2.0	0.66	ug/L			06/19/23 22:00	1

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Client Sample Results

Client: Ramboll US Corporation
Project/Site: Forest Glen Monitoring

Job ID: 480-209956-1

Client Sample ID: MW-7S-061523

Lab Sample ID: 480-209956-17

Date Collected: 06/15/23 09:45

Matrix: Water

Date Received: 06/15/23 13:25

<i>Surrogate</i>	<i>%Recovery</i>	<i>Qualifier</i>	<i>Limits</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Dil Fac</i>
<i>Toluene-d8 (Surr)</i>	96		80 - 120		06/19/23 22:00	1
<i>1,2-Dichloroethane-d4 (Surr)</i>	99		77 - 120		06/19/23 22:00	1
<i>4-Bromofluorobenzene (Surr)</i>	104		73 - 120		06/19/23 22:00	1
<i>Dibromofluoromethane (Surr)</i>	99		75 - 123		06/19/23 22:00	1

Client Sample Results

Client: Ramboll US Corporation
Project/Site: Forest Glen Monitoring

Job ID: 480-209956-1

Client Sample ID: MW-7D-061523

Lab Sample ID: 480-209956-18

Date Collected: 06/15/23 08:50

Matrix: Water

Date Received: 06/15/23 13:25

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			06/19/23 22:22	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			06/19/23 22:22	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			06/19/23 22:22	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			06/19/23 22:22	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			06/19/23 22:22	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			06/19/23 22:22	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			06/19/23 22:22	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			06/19/23 22:22	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			06/19/23 22:22	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			06/19/23 22:22	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			06/19/23 22:22	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			06/19/23 22:22	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			06/19/23 22:22	1
2-Butanone (MEK)	ND		10	1.3	ug/L			06/19/23 22:22	1
2-Hexanone	ND		5.0	1.2	ug/L			06/19/23 22:22	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			06/19/23 22:22	1
Acetone	ND		10	3.0	ug/L			06/19/23 22:22	1
Benzene	ND		1.0	0.41	ug/L			06/19/23 22:22	1
Bromodichloromethane	ND		1.0	0.39	ug/L			06/19/23 22:22	1
Bromoform	ND		1.0	0.26	ug/L			06/19/23 22:22	1
Bromomethane	ND		1.0	0.69	ug/L			06/19/23 22:22	1
Carbon disulfide	ND		1.0	0.19	ug/L			06/19/23 22:22	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			06/19/23 22:22	1
Chlorobenzene	ND		1.0	0.75	ug/L			06/19/23 22:22	1
Chlorodibromomethane	ND		1.0	0.32	ug/L			06/19/23 22:22	1
Chloroethane	ND		1.0	0.32	ug/L			06/19/23 22:22	1
Chloroform	ND		1.0	0.34	ug/L			06/19/23 22:22	1
Chloromethane	ND		1.0	0.35	ug/L			06/19/23 22:22	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			06/19/23 22:22	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			06/19/23 22:22	1
Cyclohexane	ND		1.0	0.18	ug/L			06/19/23 22:22	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			06/19/23 22:22	1
Ethylbenzene	ND		1.0	0.74	ug/L			06/19/23 22:22	1
Ethylene Dibromide	ND		1.0	0.73	ug/L			06/19/23 22:22	1
Isopropylbenzene	ND		1.0	0.79	ug/L			06/19/23 22:22	1
Methyl acetate	ND		2.5	1.3	ug/L			06/19/23 22:22	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			06/19/23 22:22	1
Methylcyclohexane	ND		1.0	0.16	ug/L			06/19/23 22:22	1
Methylene Chloride	ND		1.0	0.44	ug/L			06/19/23 22:22	1
Styrene	ND		1.0	0.73	ug/L			06/19/23 22:22	1
Tetrachloroethene	ND		1.0	0.36	ug/L			06/19/23 22:22	1
Toluene	ND		1.0	0.51	ug/L			06/19/23 22:22	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			06/19/23 22:22	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			06/19/23 22:22	1
Trichloroethene	ND		1.0	0.46	ug/L			06/19/23 22:22	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			06/19/23 22:22	1
Vinyl chloride	ND		1.0	0.90	ug/L			06/19/23 22:22	1
Xylenes, Total	ND		2.0	0.66	ug/L			06/19/23 22:22	1

Eurofins Buffalo

Client Sample Results

Client: Ramboll US Corporation
Project/Site: Forest Glen Monitoring

Job ID: 480-209956-1

Client Sample ID: MW-7D-061523

Lab Sample ID: 480-209956-18

Date Collected: 06/15/23 08:50

Matrix: Water

Date Received: 06/15/23 13:25

<i>Surrogate</i>	<i>%Recovery</i>	<i>Qualifier</i>	<i>Limits</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Dil Fac</i>
<i>Toluene-d8 (Surr)</i>	97		80 - 120		06/19/23 22:22	1
<i>1,2-Dichloroethane-d4 (Surr)</i>	91		77 - 120		06/19/23 22:22	1
<i>4-Bromofluorobenzene (Surr)</i>	100		73 - 120		06/19/23 22:22	1
<i>Dibromofluoromethane (Surr)</i>	99		75 - 123		06/19/23 22:22	1

Client Sample Results

Client: Ramboll US Corporation
Project/Site: Forest Glen Monitoring

Job ID: 480-209956-1

Client Sample ID: TRIP BLANK

Lab Sample ID: 480-209956-19

Date Collected: 06/15/23 00:00

Matrix: Water

Date Received: 06/15/23 13:25

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			06/19/23 22:44	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			06/19/23 22:44	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			06/19/23 22:44	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			06/19/23 22:44	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			06/19/23 22:44	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			06/19/23 22:44	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			06/19/23 22:44	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			06/19/23 22:44	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			06/19/23 22:44	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			06/19/23 22:44	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			06/19/23 22:44	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			06/19/23 22:44	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			06/19/23 22:44	1
2-Butanone (MEK)	ND		10	1.3	ug/L			06/19/23 22:44	1
2-Hexanone	ND		5.0	1.2	ug/L			06/19/23 22:44	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			06/19/23 22:44	1
Acetone	ND		10	3.0	ug/L			06/19/23 22:44	1
Benzene	ND		1.0	0.41	ug/L			06/19/23 22:44	1
Bromodichloromethane	ND		1.0	0.39	ug/L			06/19/23 22:44	1
Bromoform	ND		1.0	0.26	ug/L			06/19/23 22:44	1
Bromomethane	ND		1.0	0.69	ug/L			06/19/23 22:44	1
Carbon disulfide	ND		1.0	0.19	ug/L			06/19/23 22:44	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			06/19/23 22:44	1
Chlorobenzene	ND		1.0	0.75	ug/L			06/19/23 22:44	1
Chlorodibromomethane	ND		1.0	0.32	ug/L			06/19/23 22:44	1
Chloroethane	ND		1.0	0.32	ug/L			06/19/23 22:44	1
Chloroform	ND		1.0	0.34	ug/L			06/19/23 22:44	1
Chloromethane	ND		1.0	0.35	ug/L			06/19/23 22:44	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			06/19/23 22:44	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			06/19/23 22:44	1
Cyclohexane	ND		1.0	0.18	ug/L			06/19/23 22:44	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			06/19/23 22:44	1
Ethylbenzene	ND		1.0	0.74	ug/L			06/19/23 22:44	1
Ethylene Dibromide	ND		1.0	0.73	ug/L			06/19/23 22:44	1
Isopropylbenzene	ND		1.0	0.79	ug/L			06/19/23 22:44	1
Methyl acetate	ND		2.5	1.3	ug/L			06/19/23 22:44	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			06/19/23 22:44	1
Methylcyclohexane	ND		1.0	0.16	ug/L			06/19/23 22:44	1
Methylene Chloride	ND		1.0	0.44	ug/L			06/19/23 22:44	1
Styrene	ND		1.0	0.73	ug/L			06/19/23 22:44	1
Tetrachloroethene	ND		1.0	0.36	ug/L			06/19/23 22:44	1
Toluene	ND		1.0	0.51	ug/L			06/19/23 22:44	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			06/19/23 22:44	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			06/19/23 22:44	1
Trichloroethene	ND		1.0	0.46	ug/L			06/19/23 22:44	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			06/19/23 22:44	1
Vinyl chloride	ND		1.0	0.90	ug/L			06/19/23 22:44	1
Xylenes, Total	ND		2.0	0.66	ug/L			06/19/23 22:44	1

Eurofins Buffalo

Client Sample Results

Client: Ramboll US Corporation
Project/Site: Forest Glen Monitoring

Job ID: 480-209956-1

Client Sample ID: TRIP BLANK

Lab Sample ID: 480-209956-19

Date Collected: 06/15/23 00:00

Matrix: Water

Date Received: 06/15/23 13:25

<i>Surrogate</i>	<i>%Recovery</i>	<i>Qualifier</i>	<i>Limits</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Dil Fac</i>
<i>Toluene-d8 (Surr)</i>	99		80 - 120		06/19/23 22:44	1
<i>1,2-Dichloroethane-d4 (Surr)</i>	97		77 - 120		06/19/23 22:44	1
<i>4-Bromofluorobenzene (Surr)</i>	105		73 - 120		06/19/23 22:44	1
<i>Dibromofluoromethane (Surr)</i>	103		75 - 123		06/19/23 22:44	1

Surrogate Summary

Client: Ramboll US Corporation
Project/Site: Forest Glen Monitoring

Job ID: 480-209956-1

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

Matrix: Water

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)			
		TOL (80-120)	DCA (77-120)	BFB (73-120)	DBFM (75-123)
480-209956-1	MW-1D-061423	98	95	106	100
480-209956-2	MW-1S-061423	97	93	103	91
480-209956-3	MW-5D-061423	97	92	103	96
480-209956-4	MW-5S-061423	93	94	106	94
480-209956-5	MW-4D-061423	96	94	100	97
480-209956-6	MW-4S-061423	96	94	105	100
480-209956-7	X-1-061423	97	95	100	101
480-209956-8	MW-6S-061423	94	97	100	101
480-209956-9	MW-6D-061423	94	92	101	101
480-209956-9 MS	MW-6D-061423-MS	101	91	104	95
480-209956-9 MSD	MW-6D-061423-MSD	97	85	105	91
480-209956-10	MW-6DD-061423	95	95	104	105
480-209956-11	MW-10D-061423	95	96	104	101
480-209956-12	MW-10S-061423	97	88	104	93
480-209956-13	MW-8DD-061523	93	92	101	95
480-209956-14	MW-8S-061523	93	89	100	96
480-209956-15	MW-8D-061523	95	93	103	99
480-209956-16	MW-7DD-061523	94	92	102	98
480-209956-17	MW-7S-061523	96	99	104	99
480-209956-18	MW-7D-061523	97	91	100	99
480-209956-19	TRIP BLANK	99	97	105	103
LCS 480-673566/6	Lab Control Sample	97	93	107	97
MB 480-673566/8	Method Blank	95	89	104	92

Surrogate Legend

TOL = Toluene-d8 (Surr)

DCA = 1,2-Dichloroethane-d4 (Surr)

BFB = 4-Bromofluorobenzene (Surr)

DBFM = Dibromofluoromethane (Surr)

QC Sample Results

Client: Ramboll US Corporation
Project/Site: Forest Glen Monitoring

Job ID: 480-209956-1

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

Lab Sample ID: MB 480-673566/8

Matrix: Water

Analysis Batch: 673566

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			06/19/23 15:40	1
1,1,1,2-Tetrachloroethane	ND		1.0	0.21	ug/L			06/19/23 15:40	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			06/19/23 15:40	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			06/19/23 15:40	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			06/19/23 15:40	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			06/19/23 15:40	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			06/19/23 15:40	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			06/19/23 15:40	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			06/19/23 15:40	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			06/19/23 15:40	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			06/19/23 15:40	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			06/19/23 15:40	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			06/19/23 15:40	1
2-Butanone (MEK)	ND		10	1.3	ug/L			06/19/23 15:40	1
2-Hexanone	ND		5.0	1.2	ug/L			06/19/23 15:40	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			06/19/23 15:40	1
Acetone	ND		10	3.0	ug/L			06/19/23 15:40	1
Benzene	ND		1.0	0.41	ug/L			06/19/23 15:40	1
Bromodichloromethane	ND		1.0	0.39	ug/L			06/19/23 15:40	1
Bromoform	ND		1.0	0.26	ug/L			06/19/23 15:40	1
Bromomethane	ND		1.0	0.69	ug/L			06/19/23 15:40	1
Carbon disulfide	ND		1.0	0.19	ug/L			06/19/23 15:40	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			06/19/23 15:40	1
Chlorobenzene	ND		1.0	0.75	ug/L			06/19/23 15:40	1
Chlorodibromomethane	ND		1.0	0.32	ug/L			06/19/23 15:40	1
Chloroethane	ND		1.0	0.32	ug/L			06/19/23 15:40	1
Chloroform	ND		1.0	0.34	ug/L			06/19/23 15:40	1
Chloromethane	ND		1.0	0.35	ug/L			06/19/23 15:40	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			06/19/23 15:40	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			06/19/23 15:40	1
Cyclohexane	ND		1.0	0.18	ug/L			06/19/23 15:40	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			06/19/23 15:40	1
Ethylbenzene	ND		1.0	0.74	ug/L			06/19/23 15:40	1
Ethylene Dibromide	ND		1.0	0.73	ug/L			06/19/23 15:40	1
Isopropylbenzene	ND		1.0	0.79	ug/L			06/19/23 15:40	1
Methyl acetate	ND		2.5	1.3	ug/L			06/19/23 15:40	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			06/19/23 15:40	1
Methylcyclohexane	ND		1.0	0.16	ug/L			06/19/23 15:40	1
Methylene Chloride	ND		1.0	0.44	ug/L			06/19/23 15:40	1
Styrene	ND		1.0	0.73	ug/L			06/19/23 15:40	1
Tetrachloroethene	ND		1.0	0.36	ug/L			06/19/23 15:40	1
Toluene	ND		1.0	0.51	ug/L			06/19/23 15:40	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			06/19/23 15:40	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			06/19/23 15:40	1
Trichloroethene	ND		1.0	0.46	ug/L			06/19/23 15:40	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			06/19/23 15:40	1
Vinyl chloride	ND		1.0	0.90	ug/L			06/19/23 15:40	1
Xylenes, Total	ND		2.0	0.66	ug/L			06/19/23 15:40	1

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QC Sample Results

Client: Ramboll US Corporation
Project/Site: Forest Glen Monitoring

Job ID: 480-209956-1

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

Lab Sample ID: MB 480-673566/8

Matrix: Water

Analysis Batch: 673566

Client Sample ID: Method Blank

Prep Type: Total/NA

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	95		80 - 120		06/19/23 15:40	1
1,2-Dichloroethane-d4 (Surr)	89		77 - 120		06/19/23 15:40	1
4-Bromofluorobenzene (Surr)	104		73 - 120		06/19/23 15:40	1
Dibromofluoromethane (Surr)	92		75 - 123		06/19/23 15:40	1

Lab Sample ID: LCS 480-673566/6

Matrix: Water

Analysis Batch: 673566

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1-Trichloroethane	25.0	23.8		ug/L		95	73 - 126
1,1,1,2,2-Tetrachloroethane	25.0	23.0		ug/L		92	76 - 120
1,1,1,2-Trichloroethane	25.0	24.4		ug/L		98	76 - 122
1,1,2-Trichloro-1,2,2-trifluoroethane	25.0	26.2		ug/L		105	61 - 148
1,1-Dichloroethane	25.0	24.3		ug/L		97	77 - 120
1,1-Dichloroethene	25.0	23.8		ug/L		95	66 - 127
1,2,4-Trichlorobenzene	25.0	26.2		ug/L		105	79 - 122
1,2-Dibromo-3-Chloropropane	25.0	24.6		ug/L		99	56 - 134
1,2-Dichlorobenzene	25.0	23.9		ug/L		96	80 - 124
1,2-Dichloroethane	25.0	22.6		ug/L		90	75 - 120
1,2-Dichloropropane	25.0	24.0		ug/L		96	76 - 120
1,3-Dichlorobenzene	25.0	23.9		ug/L		95	77 - 120
1,4-Dichlorobenzene	25.0	23.7		ug/L		95	80 - 120
2-Butanone (MEK)	125	119		ug/L		95	57 - 140
2-Hexanone	125	121		ug/L		97	65 - 127
4-Methyl-2-pentanone (MIBK)	125	121		ug/L		97	71 - 125
Acetone	125	126		ug/L		101	56 - 142
Benzene	25.0	23.7		ug/L		95	71 - 124
Bromodichloromethane	25.0	23.1		ug/L		93	80 - 122
Bromoform	25.0	24.9		ug/L		100	61 - 132
Bromomethane	25.0	22.8		ug/L		91	55 - 144
Carbon disulfide	25.0	24.3		ug/L		97	59 - 134
Carbon tetrachloride	25.0	25.1		ug/L		101	72 - 134
Chlorobenzene	25.0	23.8		ug/L		95	80 - 120
Chlorodibromomethane	25.0	23.8		ug/L		95	75 - 125
Chloroethane	25.0	24.3		ug/L		97	69 - 136
Chloroform	25.0	22.1		ug/L		88	73 - 127
Chloromethane	25.0	23.3		ug/L		93	68 - 124
cis-1,2-Dichloroethene	25.0	24.7		ug/L		99	74 - 124
cis-1,3-Dichloropropene	25.0	25.3		ug/L		101	74 - 124
Cyclohexane	25.0	26.3		ug/L		105	59 - 135
Dichlorodifluoromethane	25.0	24.1		ug/L		96	59 - 135
Ethylbenzene	25.0	24.8		ug/L		99	77 - 123
Ethylene Dibromide	25.0	23.2		ug/L		93	77 - 120
Isopropylbenzene	25.0	25.3		ug/L		101	77 - 122
Methyl acetate	50.0	46.9		ug/L		94	74 - 133
Methyl tert-butyl ether	25.0	24.5		ug/L		98	77 - 120
Methylcyclohexane	25.0	26.9		ug/L		108	68 - 134

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QC Sample Results

Client: Ramboll US Corporation
Project/Site: Forest Glen Monitoring

Job ID: 480-209956-1

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

Lab Sample ID: LCS 480-673566/6

Matrix: Water

Analysis Batch: 673566

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	26.8		ug/L		107	75 - 124
Styrene	25.0	24.8		ug/L		99	80 - 120
Tetrachloroethene	25.0	24.4		ug/L		98	74 - 122
Toluene	25.0	23.3		ug/L		93	80 - 122
trans-1,2-Dichloroethene	25.0	25.0		ug/L		100	73 - 127
trans-1,3-Dichloropropene	25.0	24.6		ug/L		99	80 - 120
Trichloroethene	25.0	24.5		ug/L		98	74 - 123
Trichlorofluoromethane	25.0	23.8		ug/L		95	62 - 150
Vinyl chloride	25.0	24.9		ug/L		100	65 - 133

Surrogate	LCS %Recovery	LCS Qualifier	Limits
Toluene-d8 (Surr)	97		80 - 120
1,2-Dichloroethane-d4 (Surr)	93		77 - 120
4-Bromofluorobenzene (Surr)	107		73 - 120
Dibromofluoromethane (Surr)	97		75 - 123

Lab Sample ID: 480-209956-9 MS

Matrix: Water

Analysis Batch: 673566

Client Sample ID: MW-6D-061423-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	ND		25.0	26.6		ug/L		106	73 - 126
1,1,2,2-Tetrachloroethane	ND		25.0	25.8		ug/L		103	76 - 120
1,1,2-Trichloroethane	ND		25.0	27.2		ug/L		109	76 - 122
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		25.0	26.1		ug/L		104	61 - 148
1,1-Dichloroethane	0.50	J	25.0	27.6		ug/L		108	77 - 120
1,1-Dichloroethene	ND		25.0	27.6		ug/L		110	66 - 127
1,2,4-Trichlorobenzene	ND		25.0	29.3		ug/L		117	79 - 122
1,2-Dibromo-3-Chloropropane	ND		25.0	24.4		ug/L		98	56 - 134
1,2-Dichlorobenzene	ND		25.0	26.5		ug/L		106	80 - 124
1,2-Dichloroethane	ND		25.0	24.3		ug/L		97	75 - 120
1,2-Dichloropropane	ND		25.0	25.6		ug/L		103	76 - 120
1,3-Dichlorobenzene	ND		25.0	25.9		ug/L		104	77 - 120
1,4-Dichlorobenzene	ND		25.0	26.6		ug/L		106	78 - 124
2-Butanone (MEK)	ND		125	118		ug/L		94	57 - 140
2-Hexanone	ND		125	127		ug/L		101	65 - 127
4-Methyl-2-pentanone (MIBK)	ND		125	136		ug/L		109	71 - 125
Acetone	ND		125	100		ug/L		80	56 - 142
Benzene	ND		25.0	26.3		ug/L		105	71 - 124
Bromodichloromethane	ND		25.0	23.9		ug/L		96	80 - 122
Bromoform	ND		25.0	24.4		ug/L		97	61 - 132
Bromomethane	ND		25.0	23.4		ug/L		94	55 - 144
Carbon disulfide	ND		25.0	26.1		ug/L		104	59 - 134
Carbon tetrachloride	ND		25.0	27.0		ug/L		108	72 - 134
Chlorobenzene	ND		25.0	26.9		ug/L		107	80 - 120
Chlorodibromomethane	ND		25.0	25.6		ug/L		102	75 - 125
Chloroethane	ND		25.0	25.4		ug/L		101	69 - 136
Chloroform	ND		25.0	24.2		ug/L		97	73 - 127

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QC Sample Results

Client: Ramboll US Corporation
Project/Site: Forest Glen Monitoring

Job ID: 480-209956-1

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

Lab Sample ID: 480-209956-9 MS

Matrix: Water

Analysis Batch: 673566

Client Sample ID: MW-6D-061423-MS

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloromethane	ND		25.0	24.2		ug/L		97	68 - 124
cis-1,2-Dichloroethene	0.91	J	25.0	28.0		ug/L		108	74 - 124
cis-1,3-Dichloropropene	ND		25.0	24.1		ug/L		96	74 - 124
Cyclohexane	ND		25.0	27.8		ug/L		111	59 - 135
Dichlorodifluoromethane	ND		25.0	23.0		ug/L		92	59 - 135
Ethylbenzene	ND		25.0	28.6		ug/L		115	77 - 123
Ethylene Dibromide	ND		25.0	25.2		ug/L		101	77 - 120
Isopropylbenzene	ND		25.0	29.0		ug/L		116	77 - 122
Methyl acetate	ND		50.0	42.1		ug/L		84	74 - 133
Methyl tert-butyl ether	ND		25.0	25.4		ug/L		102	77 - 120
Methylcyclohexane	ND		25.0	26.9		ug/L		107	68 - 134
Methylene Chloride	ND		25.0	28.7		ug/L		115	75 - 124
Styrene	ND		25.0	27.4		ug/L		109	80 - 120
Tetrachloroethene	ND		25.0	28.7		ug/L		115	74 - 122
Toluene	ND		25.0	27.7		ug/L		111	80 - 122
trans-1,2-Dichloroethene	ND		25.0	28.7		ug/L		115	73 - 127
trans-1,3-Dichloropropene	ND		25.0	23.3		ug/L		93	80 - 120
Trichloroethene	ND		25.0	25.4		ug/L		102	74 - 123
Trichlorofluoromethane	ND		25.0	23.8		ug/L		95	62 - 150
Vinyl chloride	1.1		25.0	29.4		ug/L		113	65 - 133

Surrogate	MS %Recovery	MS Qualifier	Limits
Toluene-d8 (Surr)	101		80 - 120
1,2-Dichloroethane-d4 (Surr)	91		77 - 120
4-Bromofluorobenzene (Surr)	104		73 - 120
Dibromofluoromethane (Surr)	95		75 - 123

Lab Sample ID: 480-209956-9 MSD

Matrix: Water

Analysis Batch: 673566

Client Sample ID: MW-6D-061423-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	ND		25.0	26.5		ug/L		106	73 - 126	0	15
1,1,2,2-Tetrachloroethane	ND		25.0	26.5		ug/L		106	76 - 120	3	15
1,1,2-Trichloroethane	ND		25.0	27.2		ug/L		109	76 - 122	0	15
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		25.0	24.7		ug/L		99	61 - 148	5	20
1,1-Dichloroethane	0.50	J	25.0	26.7		ug/L		105	77 - 120	3	20
1,1-Dichloroethene	ND		25.0	26.6		ug/L		106	66 - 127	4	16
1,2,4-Trichlorobenzene	ND		25.0	29.8		ug/L		119	79 - 122	2	20
1,2-Dibromo-3-Chloropropane	ND		25.0	26.2		ug/L		105	56 - 134	7	15
1,2-Dichlorobenzene	ND		25.0	26.8		ug/L		107	80 - 124	1	20
1,2-Dichloroethane	ND		25.0	23.9		ug/L		96	75 - 120	2	20
1,2-Dichloropropane	ND		25.0	26.1		ug/L		104	76 - 120	2	20
1,3-Dichlorobenzene	ND		25.0	27.0		ug/L		108	77 - 120	4	20
1,4-Dichlorobenzene	ND		25.0	27.9		ug/L		111	78 - 124	5	20
2-Butanone (MEK)	ND		125	119		ug/L		95	57 - 140	1	20
2-Hexanone	ND		125	129		ug/L		103	65 - 127	1	15
4-Methyl-2-pentanone (MIBK)	ND		125	139		ug/L		111	71 - 125	2	35

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QC Sample Results

Client: Ramboll US Corporation
Project/Site: Forest Glen Monitoring

Job ID: 480-209956-1

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

Lab Sample ID: 480-209956-9 MSD

Matrix: Water

Analysis Batch: 673566

Client Sample ID: MW-6D-061423-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		125	95.2		ug/L		76	56 - 142	5	15
Benzene	ND		25.0	26.2		ug/L		105	71 - 124	0	13
Bromodichloromethane	ND		25.0	24.8		ug/L		99	80 - 122	3	15
Bromoform	ND		25.0	24.7		ug/L		99	61 - 132	1	15
Bromomethane	ND		25.0	23.9		ug/L		96	55 - 144	2	15
Carbon disulfide	ND		25.0	25.8		ug/L		103	59 - 134	1	15
Carbon tetrachloride	ND		25.0	26.2		ug/L		105	72 - 134	3	15
Chlorobenzene	ND		25.0	26.6		ug/L		106	80 - 120	1	25
Chlorodibromomethane	ND		25.0	25.6		ug/L		103	75 - 125	0	15
Chloroethane	ND		25.0	24.9		ug/L		100	69 - 136	2	15
Chloroform	ND		25.0	24.3		ug/L		97	73 - 127	1	20
Chloromethane	ND		25.0	25.4		ug/L		102	68 - 124	5	15
cis-1,2-Dichloroethene	0.91	J	25.0	27.1		ug/L		105	74 - 124	3	15
cis-1,3-Dichloropropene	ND		25.0	24.1		ug/L		96	74 - 124	0	15
Cyclohexane	ND		25.0	27.6		ug/L		111	59 - 135	1	20
Dichlorodifluoromethane	ND		25.0	23.4		ug/L		93	59 - 135	2	20
Ethylbenzene	ND		25.0	28.4		ug/L		114	77 - 123	1	15
Ethylene Dibromide	ND		25.0	26.2		ug/L		105	77 - 120	4	15
Isopropylbenzene	ND		25.0	29.5		ug/L		118	77 - 122	2	20
Methyl acetate	ND		50.0	38.4		ug/L		77	74 - 133	9	20
Methyl tert-butyl ether	ND		25.0	25.1		ug/L		101	77 - 120	1	37
Methylcyclohexane	ND		25.0	26.6		ug/L		106	68 - 134	1	20
Methylene Chloride	ND		25.0	28.0		ug/L		112	75 - 124	3	15
Styrene	ND		25.0	28.5		ug/L		114	80 - 120	4	20
Tetrachloroethene	ND		25.0	28.8		ug/L		115	74 - 122	0	20
Toluene	ND		25.0	27.7		ug/L		111	80 - 122	0	15
trans-1,2-Dichloroethene	ND		25.0	28.1		ug/L		112	73 - 127	2	20
trans-1,3-Dichloropropene	ND		25.0	25.0		ug/L		100	80 - 120	7	15
Trichloroethene	ND		25.0	25.1		ug/L		101	74 - 123	1	16
Trichlorofluoromethane	ND		25.0	24.8		ug/L		99	62 - 150	4	20
Vinyl chloride	1.1		25.0	29.4		ug/L		113	65 - 133	0	15

Surrogate	MSD %Recovery	MSD Qualifier	Limits
Toluene-d8 (Surr)	97		80 - 120
1,2-Dichloroethane-d4 (Surr)	85		77 - 120
4-Bromofluorobenzene (Surr)	105		73 - 120
Dibromofluoromethane (Surr)	91		75 - 123

QC Association Summary

Client: Ramboll US Corporation
Project/Site: Forest Glen Monitoring

Job ID: 480-209956-1

GC/MS VOA

Analysis Batch: 673566

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-209956-1	MW-1D-061423	Total/NA	Water	8260C	
480-209956-2	MW-1S-061423	Total/NA	Water	8260C	
480-209956-3	MW-5D-061423	Total/NA	Water	8260C	
480-209956-4	MW-5S-061423	Total/NA	Water	8260C	
480-209956-5	MW-4D-061423	Total/NA	Water	8260C	
480-209956-6	MW-4S-061423	Total/NA	Water	8260C	
480-209956-7	X-1-061423	Total/NA	Water	8260C	
480-209956-8	MW-6S-061423	Total/NA	Water	8260C	
480-209956-9	MW-6D-061423	Total/NA	Water	8260C	
480-209956-10	MW-6DD-061423	Total/NA	Water	8260C	
480-209956-11	MW-10D-061423	Total/NA	Water	8260C	
480-209956-12	MW-10S-061423	Total/NA	Water	8260C	
480-209956-13	MW-8DD-061523	Total/NA	Water	8260C	
480-209956-14	MW-8S-061523	Total/NA	Water	8260C	
480-209956-15	MW-8D-061523	Total/NA	Water	8260C	
480-209956-16	MW-7DD-061523	Total/NA	Water	8260C	
480-209956-17	MW-7S-061523	Total/NA	Water	8260C	
480-209956-18	MW-7D-061523	Total/NA	Water	8260C	
480-209956-19	TRIP BLANK	Total/NA	Water	8260C	
MB 480-673566/8	Method Blank	Total/NA	Water	8260C	
LCS 480-673566/6	Lab Control Sample	Total/NA	Water	8260C	
480-209956-9 MS	MW-6D-061423-MS	Total/NA	Water	8260C	
480-209956-9 MSD	MW-6D-061423-MSD	Total/NA	Water	8260C	

Lab Chronicle

Client: Ramboll US Corporation
Project/Site: Forest Glen Monitoring

Job ID: 480-209956-1

Client Sample ID: MW-1D-061423

Lab Sample ID: 480-209956-1

Date Collected: 06/14/23 09:45

Matrix: Water

Date Received: 06/15/23 13:25

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		1	673566	CR	EET BUF	06/19/23 16:02

Client Sample ID: MW-1S-061423

Lab Sample ID: 480-209956-2

Date Collected: 06/14/23 08:50

Matrix: Water

Date Received: 06/15/23 13:25

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		1	673566	CR	EET BUF	06/19/23 16:24

Client Sample ID: MW-5D-061423

Lab Sample ID: 480-209956-3

Date Collected: 06/14/23 11:15

Matrix: Water

Date Received: 06/15/23 13:25

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		1	673566	CR	EET BUF	06/19/23 16:47

Client Sample ID: MW-5S-061423

Lab Sample ID: 480-209956-4

Date Collected: 06/14/23 12:20

Matrix: Water

Date Received: 06/15/23 13:25

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		1	673566	CR	EET BUF	06/19/23 17:09

Client Sample ID: MW-4D-061423

Lab Sample ID: 480-209956-5

Date Collected: 06/14/23 15:05

Matrix: Water

Date Received: 06/15/23 13:25

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		1	673566	CR	EET BUF	06/19/23 17:31

Client Sample ID: MW-4S-061423

Lab Sample ID: 480-209956-6

Date Collected: 06/14/23 15:00

Matrix: Water

Date Received: 06/15/23 13:25

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		1	673566	CR	EET BUF	06/19/23 17:54

Client Sample ID: X-1-061423

Lab Sample ID: 480-209956-7

Date Collected: 06/14/23 00:00

Matrix: Water

Date Received: 06/15/23 13:25

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		1	673566	CR	EET BUF	06/19/23 18:16

Eurofins Buffalo

Lab Chronicle

Client: Ramboll US Corporation
Project/Site: Forest Glen Monitoring

Job ID: 480-209956-1

Client Sample ID: MW-6S-061423

Lab Sample ID: 480-209956-8

Date Collected: 06/14/23 10:55

Matrix: Water

Date Received: 06/15/23 13:25

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		1	673566	CR	EET BUF	06/19/23 18:38

Client Sample ID: MW-6D-061423

Lab Sample ID: 480-209956-9

Date Collected: 06/14/23 09:14

Matrix: Water

Date Received: 06/15/23 13:25

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		1	673566	CR	EET BUF	06/19/23 19:01

Client Sample ID: MW-6DD-061423

Lab Sample ID: 480-209956-10

Date Collected: 06/14/23 08:22

Matrix: Water

Date Received: 06/15/23 13:25

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		1	673566	CR	EET BUF	06/19/23 19:23

Client Sample ID: MW-10D-061423

Lab Sample ID: 480-209956-11

Date Collected: 06/14/23 13:10

Matrix: Water

Date Received: 06/15/23 13:25

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		1	673566	CR	EET BUF	06/19/23 19:46

Client Sample ID: MW-10S-061423

Lab Sample ID: 480-209956-12

Date Collected: 06/14/23 12:25

Matrix: Water

Date Received: 06/15/23 13:25

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		1	673566	CR	EET BUF	06/19/23 20:08

Client Sample ID: MW-8DD-061523

Lab Sample ID: 480-209956-13

Date Collected: 06/15/23 11:05

Matrix: Water

Date Received: 06/15/23 13:25

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		1	673566	CR	EET BUF	06/19/23 20:31

Client Sample ID: MW-8S-061523

Lab Sample ID: 480-209956-14

Date Collected: 06/15/23 10:00

Matrix: Water

Date Received: 06/15/23 13:25

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		1	673566	CR	EET BUF	06/19/23 20:53

Eurofins Buffalo

Lab Chronicle

Client: Ramboll US Corporation
Project/Site: Forest Glen Monitoring

Job ID: 480-209956-1

Client Sample ID: MW-8D-061523

Lab Sample ID: 480-209956-15

Date Collected: 06/15/23 09:10

Matrix: Water

Date Received: 06/15/23 13:25

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		1	673566	CR	EET BUF	06/19/23 21:16

Client Sample ID: MW-7DD-061523

Lab Sample ID: 480-209956-16

Date Collected: 06/15/23 11:05

Matrix: Water

Date Received: 06/15/23 13:25

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		1	673566	CR	EET BUF	06/19/23 21:38

Client Sample ID: MW-7S-061523

Lab Sample ID: 480-209956-17

Date Collected: 06/15/23 09:45

Matrix: Water

Date Received: 06/15/23 13:25

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		1	673566	CR	EET BUF	06/19/23 22:00

Client Sample ID: MW-7D-061523

Lab Sample ID: 480-209956-18

Date Collected: 06/15/23 08:50

Matrix: Water

Date Received: 06/15/23 13:25

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		1	673566	CR	EET BUF	06/19/23 22:22

Client Sample ID: TRIP BLANK

Lab Sample ID: 480-209956-19

Date Collected: 06/15/23 00:00

Matrix: Water

Date Received: 06/15/23 13:25

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		1	673566	CR	EET BUF	06/19/23 22:44

Laboratory References:

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

Accreditation/Certification Summary

Client: Ramboll US Corporation
Project/Site: Forest Glen Monitoring

Job ID: 480-209956-1

Laboratory: Eurofins Buffalo

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

Authority	Program	Identification Number	Expiration Date
New York	NELAP	10026	03-31-24

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14
- 15

Method Summary

Client: Ramboll US Corporation
Project/Site: Forest Glen Monitoring

Job ID: 480-209956-1

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: Ramboll US Corporation
Project/Site: Forest Glen Monitoring

Job ID: 480-209956-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
480-209956-1	MW-1D-061423	Water	06/14/23 09:45	06/15/23 13:25
480-209956-2	MW-1S-061423	Water	06/14/23 08:50	06/15/23 13:25
480-209956-3	MW-5D-061423	Water	06/14/23 11:15	06/15/23 13:25
480-209956-4	MW-5S-061423	Water	06/14/23 12:20	06/15/23 13:25
480-209956-5	MW-4D-061423	Water	06/14/23 15:05	06/15/23 13:25
480-209956-6	MW-4S-061423	Water	06/14/23 15:00	06/15/23 13:25
480-209956-7	X-1-061423	Water	06/14/23 00:00	06/15/23 13:25
480-209956-8	MW-6S-061423	Water	06/14/23 10:55	06/15/23 13:25
480-209956-9	MW-6D-061423	Water	06/14/23 09:14	06/15/23 13:25
480-209956-10	MW-6DD-061423	Water	06/14/23 08:22	06/15/23 13:25
480-209956-11	MW-10D-061423	Water	06/14/23 13:10	06/15/23 13:25
480-209956-12	MW-10S-061423	Water	06/14/23 12:25	06/15/23 13:25
480-209956-13	MW-8DD-061523	Water	06/15/23 11:05	06/15/23 13:25
480-209956-14	MW-8S-061523	Water	06/15/23 10:00	06/15/23 13:25
480-209956-15	MW-8D-061523	Water	06/15/23 09:10	06/15/23 13:25
480-209956-16	MW-7DD-061523	Water	06/15/23 11:05	06/15/23 13:25
480-209956-17	MW-7S-061523	Water	06/15/23 09:45	06/15/23 13:25
480-209956-18	MW-7D-061523	Water	06/15/23 08:50	06/15/23 13:25
480-209956-19	TRIP BLANK	Water	06/15/23 00:00	06/15/23 13:25

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

Client Information		Sampler: <u>C. V. / MK</u>		Lab PM: <u>Schove, John R</u>		Carrier Tracking No(s):		COC No: <u>480-186160-26531.3</u>	
Client Contact: <u>Mr. Yuri Veliz</u>		Phone: <u>315-724-1300</u>		E-Mail: <u>John.Schove@et.eurofins.com</u>		State of Origin:		Page: <u>3</u> of <u>3</u>	
Company: <u>Ramboll US Corporation</u>		PWSID:		Analysis Requested		Job #:		Preservation Codes:	
Address: <u>94 New Karner Rd Suite 106</u>		Due Date Requested:		Field Filtered Sample (Yes or No)		Perform MS/MSD (Yes or No)		8260C - TCL Volatiles	
City: <u>Albany</u>		TAT Requested (days): <u>Standard</u>		Sample Date		Sample Time		Sample Type (C=Comp, G=grab)	
State, Zip: <u>NY, 12203</u>		Compliance Project: <u>Δ Yes Δ No</u>		Matrix (W=water, S=solid, O=wastewater, BT=tissue, A=air)		Preservation Code:		Matrix	
Phone: <u>315-956-6100(Tel)</u>		PO #: <u>1950005510</u>		Project #:		SSOW#:		Project Name:	
Email: <u>Yuri.Veliz@ramboll.com</u>		WO #:		Project #:		SSOW#:		Site:	
Project Name: <u>Forest Glen Monitoring</u>		Project #:		SSOW#:		SSOW#:		Site:	
Site: <u>New York</u>		Project #:		SSOW#:		SSOW#:		Site:	

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=wastewater, BT=tissue, A=air)	Preservation Code	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8260C - TCL Volatiles	Total No	Special Instructions/Note:
MW-1D-061423	6-14-23	0945	G	Water		X	X		3	
MW-1S-061423	6-14-23	0850	G	Water		X	X		3	
MW-5D-061423	6-14-23	1115	G			X	X		3	
MW-5S-061423	6-14-23	1220	G			X	X		3	
MW-4D-061423	6-14-23	1505	G			X	X		3	
MW-4S-061423	6-14-23	1500	G			X	X		3	
X-1-061423	6-14-23		G			X	X		3	
MW-6S-061423	6-14-23	1055	G			X	X		3	
MW-6D-061423	6-14-23	0914	G			X	X		3	
MW-6D-061423-M5	6-14-23	0914	G			X	X		3	
MW-6D-061423-M5D	6-14-23	0914	G			X	X		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
Deliverable Requested: I, II, III, IV, Other (specify)		Special Instructions/QC Requirements:	
Empty Kit Relinquished by:		Time:	
Relinquished by: <u>John Schove</u>		Date: <u>6-15-23</u>	
Relinquished by:		Date:	
Relinquished by:		Date:	
Relinquished by:		Date:	
Custody Seal No.:		Cooler Temperature(s) °C and Other Remarks:	

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

Client Information		Sampler: <u>CV / AK</u>		Lab PM: Schove, John R		Carrier Tracking No(s):		COC No: 480-186160-26531.2	
Client Contact: Mr. Yuri Veliz		Phone: <u>315-729-1300</u>		E-Mail: John.Schove@et.eurofins.com		State of Origin:		Page: <u>1</u> of <u>2</u>	
Company: Ramboll US Corporation		PWSID:		Analysis Requested		Job #:		Preservation Codes:	
Address: 94 New Karner Rd Suite 106		Due Date Requested:		8260C - TCL Volatiles		Total Number of Containers		A - HCL B - NaOH C - Zn Acetate D - Nitric Acid E - NaHSO4 F - MeOH G - Amchlor H - Ascorbic Acid I - Ice J - DI Water K - EDTA L - EDA Other:	
City: Albany		TAT Requested (days): <u>5 Standard</u>		Field Filtered Sample (Yes or No)				M - Hexane N - None O - AsNaO2 P - Na2O4S Q - Na2SO3 R - Na2SO4 S - H2SO4 T - TSP Dodecahydrate U - Acetone V - MCAA W - pH 4-5 Y - Trizma Z - other (specify)	
State, Zip: NY, 12203		Compliance Project: ☐ Yes ☒ No		Perform MS/MSD (Yes or No)					
Phone: 315-956-6100(Tel)		PO #: 1950005510		Sample Date		Sample Time		Sample Type (C=Comp, G=grab)	
Email: Yuri.Veliz@ramboll.com		WO #: 48002808		Sample Date		Sample Time		Matrix (Water, Sealed, Opened, A=All)	
Project Name: Forest Glen Monitoring		Site: New York		Sample Date		Sample Time		Preservation Code:	
SSOW#:				Sample Date		Sample Time		Sample Type (C=Comp, G=grab)	
Sample Identification		Sample Date		Sample Time		Sample Type (C=Comp, G=grab)		Matrix (Water, Sealed, Opened, A=All)	
<u>MW-6DD-061423</u>		<u>6-14-23</u>		<u>0822</u>		<u>G</u>		<u>Water</u>	
<u>MW-10D-061423</u>		<u>6-14-23</u>		<u>1310</u>		<u>G</u>		<u>Water</u>	
<u>MW-10S-061423</u>		<u>6-14-23</u>		<u>1225</u>		<u>G</u>		<u>Water</u>	
<u>MW-8DD-061523</u>		<u>6-15-23</u>		<u>1105</u>		<u>G</u>		<u>Water</u>	
<u>MW-8S-061523</u>		<u>6-15-23</u>		<u>1000</u>		<u>G</u>		<u>Water</u>	
<u>MW-8D-061523</u>		<u>6-15-23</u>		<u>0910</u>		<u>G</u>		<u>Water</u>	
<u>MW-7DD-061523</u>		<u>6-15-23</u>		<u>1105</u>		<u>G</u>		<u>Water</u>	
<u>MW-7S-061523</u>		<u>6-15-23</u>		<u>0945</u>		<u>G</u>		<u>Water</u>	
<u>MW-7D-061523</u>		<u>6-15-23</u>		<u>0850</u>		<u>G</u>		<u>Water</u>	
<u>Trip Blank</u>		<u>6-8-23</u>		<u>-</u>		<u>-</u>		<u>Water</u>	
Possible Hazard Identification		☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiobiological		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/Note:	
Deliverable Requested: I, II, III, IV, Other (specify)		Empty Kit Relinquished by:		Date:		Time:		Method of Shipment:	
Relinquished by: <u>Mark Kember</u>		Date/Time: <u>6-15-23 / 13:25</u>		Company: <u>ESWIG</u>		Received by: <u>Mark Kember</u>		Date/Time: <u>6-15-23 1325</u>	
Relinquished by:		Date/Time:		Company:		Received by:		Date/Time:	
Relinquished by:		Date/Time:		Company:		Received by:		Date/Time:	
Custody Seals Intact: ☐ Yes ☒ No		Custody Seal No.:		Cooler Temperature(s) °C and Other Remarks:		3.4 #1 106		Ver: 06/08/2021	

Login Sample Receipt Checklist

Client: Ramboll US Corporation

Job Number: 480-209956-1

Login Number: 209956

List Source: Eurofins 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	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	



ANALYTICAL REPORT

PREPARED FOR

Attn: David Carnevale
Ramboll Americas Engineering Solutions
333 West Washington Street
Syracuse, New York 13202

Generated 9/26/2023 3:33:33 PM

JOB DESCRIPTION

Forest Glen Monitoring

JOB NUMBER

480-212926-1

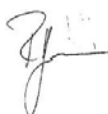
Eurofins Buffalo

Job Notes

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

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

Authorization



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9/26/2023 3:33:33 PM

Authorized for release by
Rebecca Jones, Project Management Assistant I
Rebecca.Jones@et.eurofinsus.com
Designee for
John Schove, Project Manager II
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Definitions/Glossary

Client: Ramboll Americas Engineering Solutions
Project/Site: Forest Glen Monitoring

Job ID: 480-212926-1

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.
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: Ramboll Americas Engineering Solutions
Project/Site: Forest Glen Monitoring

Job ID: 480-212926-1

Job ID: 480-212926-1

Laboratory: Eurofins Buffalo

Narrative

Job Narrative 480-212926-1

Receipt

The samples were received on 9/20/2023 11:00 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 4.2° C.

GC/MS VOA

Method 8260C: The laboratory control sample (LCS) and / or laboratory control sample duplicate (LCSD) for analytical batch 480-684512 recovered outside control limits for the following analytes: Acetone. 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: DUP 091923 (480-212926-1), MW7DD 091923 (480-212926-2), MW8S 091923 (480-212926-3), MW8D 091923 (480-212926-4), MW6DD 091923 (480-212926-5), MW6S 091923 (480-212926-6), MW10D 091923 (480-212926-7), MW10S 091923 (480-212926-8) and MW5S 091923 (480-212926-9).

Method 8260C: The continuing calibration verification (CCV) associated with batch 480-684621 recovered above the upper control limit for Trichlorofluoromethane. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated samples are impacted: MW7S 092023 (480-212926-12), MW8DD 092023 (480-212926-13) and MW7D 092023 (480-212926-14).

Method 8260C: The following volatiles sample was diluted due to foaming at the time of purging during the original sample analysis: MW7S 092023 (480-212926-12). 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: Ramboll Americas Engineering Solutions
Project/Site: Forest Glen Monitoring

Job ID: 480-212926-1

Client Sample ID: DUP 091923

Lab Sample ID: 480-212926-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	0.38	J	1.0	0.38	ug/L	1		8260C	Total/NA
cis-1,2-Dichloroethene	18		1.0	0.81	ug/L	1		8260C	Total/NA
Vinyl chloride	5.7		1.0	0.90	ug/L	1		8260C	Total/NA

Client Sample ID: MW7DD 091923

Lab Sample ID: 480-212926-2

No Detections.									

Client Sample ID: MW8S 091923

Lab Sample ID: 480-212926-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	1.9		1.0	0.81	ug/L	1		8260C	Total/NA
Tetrachloroethene	0.38	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: MW8D 091923

Lab Sample ID: 480-212926-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	0.61	J	1.0	0.38	ug/L	1		8260C	Total/NA
Methyl tert-butyl ether	0.19	J	1.0	0.16	ug/L	1		8260C	Total/NA

Client Sample ID: MW6DD 091923

Lab Sample ID: 480-212926-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	18		1.0	0.81	ug/L	1		8260C	Total/NA
Vinyl chloride	5.6		1.0	0.90	ug/L	1		8260C	Total/NA

Client Sample ID: MW6S 091923

Lab Sample ID: 480-212926-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	4.3		1.0	0.81	ug/L	1		8260C	Total/NA
Vinyl chloride	1.9		1.0	0.90	ug/L	1		8260C	Total/NA

Client Sample ID: MW10D 091923

Lab Sample ID: 480-212926-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methyl tert-butyl ether	0.23	J	1.0	0.16	ug/L	1		8260C	Total/NA

Client Sample ID: MW10S 091923

Lab Sample ID: 480-212926-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	51		1.0	0.81	ug/L	1		8260C	Total/NA
Vinyl chloride	10		1.0	0.90	ug/L	1		8260C	Total/NA

Client Sample ID: MW5S 091923

Lab Sample ID: 480-212926-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1,1-Trichloroethane	5.1		1.0	0.82	ug/L	1		8260C	Total/NA
1,1-Dichloroethane	44		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	59		1.0	0.81	ug/L	1		8260C	Total/NA
trans-1,2-Dichloroethene	3.1		1.0	0.90	ug/L	1		8260C	Total/NA
Trichloroethene	8.6		1.0	0.46	ug/L	1		8260C	Total/NA
Vinyl chloride	4.7		1.0	0.90	ug/L	1		8260C	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins Buffalo

Detection Summary

Client: Ramboll Americas Engineering Solutions
Project/Site: Forest Glen Monitoring

Job ID: 480-212926-1

Client Sample ID: MW6D 091823

Lab Sample ID: 480-212926-10

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	0.56	J	1.0	0.38	ug/L	1		8260C	Total/NA
cis-1,2-Dichloroethene	2.2		1.0	0.81	ug/L	1		8260C	Total/NA
Vinyl chloride	3.2		1.0	0.90	ug/L	1		8260C	Total/NA

Client Sample ID: MW5D 091823

Lab Sample ID: 480-212926-11

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: MW7S 092023

Lab Sample ID: 480-212926-12

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methylene Chloride	1.2	J	2.0	0.88	ug/L	2		8260C	Total/NA

Client Sample ID: MW8DD 092023

Lab Sample ID: 480-212926-13

No Detections.

Client Sample ID: MW7D 092023

Lab Sample ID: 480-212926-14

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Trichloroethene	0.90	J	1.0	0.46	ug/L	1		8260C	Total/NA

Client Sample ID: TRIP BLANK

Lab Sample ID: 480-212926-15

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methylene Chloride	0.48	J	1.0	0.44	ug/L	1		8260C	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins Buffalo

Client Sample Results

Client: Ramboll Americas Engineering Solutions
Project/Site: Forest Glen Monitoring

Job ID: 480-212926-1

Client Sample ID: DUP 091923

Lab Sample ID: 480-212926-1

Date Collected: 09/19/23 00:00

Matrix: Water

Date Received: 09/20/23 11:00

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			09/22/23 04:12	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			09/22/23 04:12	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			09/22/23 04:12	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			09/22/23 04:12	1
1,1-Dichloroethane	0.38	J	1.0	0.38	ug/L			09/22/23 04:12	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			09/22/23 04:12	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			09/22/23 04:12	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			09/22/23 04:12	1
Ethylene Dibromide	ND		1.0	0.73	ug/L			09/22/23 04:12	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			09/22/23 04:12	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			09/22/23 04:12	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			09/22/23 04:12	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			09/22/23 04:12	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			09/22/23 04:12	1
2-Hexanone	ND		5.0	1.2	ug/L			09/22/23 04:12	1
2-Butanone (MEK)	ND		10	1.3	ug/L			09/22/23 04:12	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			09/22/23 04:12	1
Acetone	ND	*+	10	3.0	ug/L			09/22/23 04:12	1
Benzene	ND		1.0	0.41	ug/L			09/22/23 04:12	1
Bromodichloromethane	ND		1.0	0.39	ug/L			09/22/23 04:12	1
Bromoform	ND		1.0	0.26	ug/L			09/22/23 04:12	1
Bromomethane	ND		1.0	0.69	ug/L			09/22/23 04:12	1
Carbon disulfide	ND		1.0	0.19	ug/L			09/22/23 04:12	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			09/22/23 04:12	1
Chlorobenzene	ND		1.0	0.75	ug/L			09/22/23 04:12	1
Chlorodibromomethane	ND		1.0	0.32	ug/L			09/22/23 04:12	1
Chloroethane	ND		1.0	0.32	ug/L			09/22/23 04:12	1
Chloroform	ND		1.0	0.34	ug/L			09/22/23 04:12	1
Chloromethane	ND		1.0	0.35	ug/L			09/22/23 04:12	1
cis-1,2-Dichloroethene	18		1.0	0.81	ug/L			09/22/23 04:12	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			09/22/23 04:12	1
Cyclohexane	ND		1.0	0.18	ug/L			09/22/23 04:12	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			09/22/23 04:12	1
Ethylbenzene	ND		1.0	0.74	ug/L			09/22/23 04:12	1
Isopropylbenzene	ND		1.0	0.79	ug/L			09/22/23 04:12	1
Methyl acetate	ND		1.3	1.3	ug/L			09/22/23 04:12	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			09/22/23 04:12	1
Methylcyclohexane	ND		1.0	0.16	ug/L			09/22/23 04:12	1
Methylene Chloride	ND		1.0	0.44	ug/L			09/22/23 04:12	1
Styrene	ND		1.0	0.73	ug/L			09/22/23 04:12	1
Tetrachloroethene	ND		1.0	0.36	ug/L			09/22/23 04:12	1
Toluene	ND		1.0	0.51	ug/L			09/22/23 04:12	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			09/22/23 04:12	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			09/22/23 04:12	1
Trichloroethene	ND		1.0	0.46	ug/L			09/22/23 04:12	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			09/22/23 04:12	1
Vinyl chloride	5.7		1.0	0.90	ug/L			09/22/23 04:12	1
Xylenes, Total	ND		2.0	0.66	ug/L			09/22/23 04:12	1

Eurofins Buffalo

Client Sample Results

Client: Ramboll Americas Engineering Solutions
Project/Site: Forest Glen Monitoring

Job ID: 480-212926-1

Client Sample ID: DUP 091923

Lab Sample ID: 480-212926-1

Date Collected: 09/19/23 00:00

Matrix: Water

Date Received: 09/20/23 11:00

<i>Surrogate</i>	<i>%Recovery</i>	<i>Qualifier</i>	<i>Limits</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Dil Fac</i>
1,2-Dichloroethane-d4 (Surr)	111		77 - 120		09/22/23 04:12	1
Toluene-d8 (Surr)	109		80 - 120		09/22/23 04:12	1
4-Bromofluorobenzene (Surr)	100		73 - 120		09/22/23 04:12	1
Dibromofluoromethane (Surr)	106		75 - 123		09/22/23 04:12	1

Client Sample Results

Client: Ramboll Americas Engineering Solutions
Project/Site: Forest Glen Monitoring

Job ID: 480-212926-1

Client Sample ID: MW7DD 091923

Lab Sample ID: 480-212926-2

Date Collected: 09/19/23 15:20

Matrix: Water

Date Received: 09/20/23 11:00

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			09/22/23 04:36	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			09/22/23 04:36	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			09/22/23 04:36	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			09/22/23 04:36	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			09/22/23 04:36	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			09/22/23 04:36	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			09/22/23 04:36	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			09/22/23 04:36	1
Ethylene Dibromide	ND		1.0	0.73	ug/L			09/22/23 04:36	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			09/22/23 04:36	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			09/22/23 04:36	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			09/22/23 04:36	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			09/22/23 04:36	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			09/22/23 04:36	1
2-Hexanone	ND		5.0	1.2	ug/L			09/22/23 04:36	1
2-Butanone (MEK)	ND		10	1.3	ug/L			09/22/23 04:36	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			09/22/23 04:36	1
Acetone	ND	*+	10	3.0	ug/L			09/22/23 04:36	1
Benzene	ND		1.0	0.41	ug/L			09/22/23 04:36	1
Bromodichloromethane	ND		1.0	0.39	ug/L			09/22/23 04:36	1
Bromoform	ND		1.0	0.26	ug/L			09/22/23 04:36	1
Bromomethane	ND		1.0	0.69	ug/L			09/22/23 04:36	1
Carbon disulfide	ND		1.0	0.19	ug/L			09/22/23 04:36	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			09/22/23 04:36	1
Chlorobenzene	ND		1.0	0.75	ug/L			09/22/23 04:36	1
Chlorodibromomethane	ND		1.0	0.32	ug/L			09/22/23 04:36	1
Chloroethane	ND		1.0	0.32	ug/L			09/22/23 04:36	1
Chloroform	ND		1.0	0.34	ug/L			09/22/23 04:36	1
Chloromethane	ND		1.0	0.35	ug/L			09/22/23 04:36	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			09/22/23 04:36	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			09/22/23 04:36	1
Cyclohexane	ND		1.0	0.18	ug/L			09/22/23 04:36	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			09/22/23 04:36	1
Ethylbenzene	ND		1.0	0.74	ug/L			09/22/23 04:36	1
Isopropylbenzene	ND		1.0	0.79	ug/L			09/22/23 04:36	1
Methyl acetate	ND		1.3	1.3	ug/L			09/22/23 04:36	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			09/22/23 04:36	1
Methylcyclohexane	ND		1.0	0.16	ug/L			09/22/23 04:36	1
Methylene Chloride	ND		1.0	0.44	ug/L			09/22/23 04:36	1
Styrene	ND		1.0	0.73	ug/L			09/22/23 04:36	1
Tetrachloroethene	ND		1.0	0.36	ug/L			09/22/23 04:36	1
Toluene	ND		1.0	0.51	ug/L			09/22/23 04:36	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			09/22/23 04:36	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			09/22/23 04:36	1
Trichloroethene	ND		1.0	0.46	ug/L			09/22/23 04:36	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			09/22/23 04:36	1
Vinyl chloride	ND		1.0	0.90	ug/L			09/22/23 04:36	1
Xylenes, Total	ND		2.0	0.66	ug/L			09/22/23 04:36	1

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Client Sample Results

Client: Ramboll Americas Engineering Solutions
Project/Site: Forest Glen Monitoring

Job ID: 480-212926-1

Client Sample ID: MW7DD 091923

Lab Sample ID: 480-212926-2

Date Collected: 09/19/23 15:20

Matrix: Water

Date Received: 09/20/23 11:00

<i>Surrogate</i>	<i>%Recovery</i>	<i>Qualifier</i>	<i>Limits</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Dil Fac</i>
1,2-Dichloroethane-d4 (Surr)	110		77 - 120		09/22/23 04:36	1
Toluene-d8 (Surr)	107		80 - 120		09/22/23 04:36	1
4-Bromofluorobenzene (Surr)	101		73 - 120		09/22/23 04:36	1
Dibromofluoromethane (Surr)	105		75 - 123		09/22/23 04:36	1

Client Sample Results

Client: Ramboll Americas Engineering Solutions
Project/Site: Forest Glen Monitoring

Job ID: 480-212926-1

Client Sample ID: MW8S 091923

Lab Sample ID: 480-212926-3

Date Collected: 09/19/23 14:15

Matrix: Water

Date Received: 09/20/23 11:00

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			09/22/23 04:59	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			09/22/23 04:59	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			09/22/23 04:59	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			09/22/23 04:59	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			09/22/23 04:59	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			09/22/23 04:59	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			09/22/23 04:59	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			09/22/23 04:59	1
Ethylene Dibromide	ND		1.0	0.73	ug/L			09/22/23 04:59	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			09/22/23 04:59	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			09/22/23 04:59	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			09/22/23 04:59	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			09/22/23 04:59	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			09/22/23 04:59	1
2-Hexanone	ND		5.0	1.2	ug/L			09/22/23 04:59	1
2-Butanone (MEK)	ND		10	1.3	ug/L			09/22/23 04:59	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			09/22/23 04:59	1
Acetone	ND	*+	10	3.0	ug/L			09/22/23 04:59	1
Benzene	ND		1.0	0.41	ug/L			09/22/23 04:59	1
Bromodichloromethane	ND		1.0	0.39	ug/L			09/22/23 04:59	1
Bromoform	ND		1.0	0.26	ug/L			09/22/23 04:59	1
Bromomethane	ND		1.0	0.69	ug/L			09/22/23 04:59	1
Carbon disulfide	ND		1.0	0.19	ug/L			09/22/23 04:59	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			09/22/23 04:59	1
Chlorobenzene	ND		1.0	0.75	ug/L			09/22/23 04:59	1
Chlorodibromomethane	ND		1.0	0.32	ug/L			09/22/23 04:59	1
Chloroethane	ND		1.0	0.32	ug/L			09/22/23 04:59	1
Chloroform	ND		1.0	0.34	ug/L			09/22/23 04:59	1
Chloromethane	ND		1.0	0.35	ug/L			09/22/23 04:59	1
cis-1,2-Dichloroethene	1.9		1.0	0.81	ug/L			09/22/23 04:59	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			09/22/23 04:59	1
Cyclohexane	ND		1.0	0.18	ug/L			09/22/23 04:59	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			09/22/23 04:59	1
Ethylbenzene	ND		1.0	0.74	ug/L			09/22/23 04:59	1
Isopropylbenzene	ND		1.0	0.79	ug/L			09/22/23 04:59	1
Methyl acetate	ND		1.3	1.3	ug/L			09/22/23 04:59	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			09/22/23 04:59	1
Methylcyclohexane	ND		1.0	0.16	ug/L			09/22/23 04:59	1
Methylene Chloride	ND		1.0	0.44	ug/L			09/22/23 04:59	1
Styrene	ND		1.0	0.73	ug/L			09/22/23 04:59	1
Tetrachloroethene	0.38	J	1.0	0.36	ug/L			09/22/23 04:59	1
Toluene	ND		1.0	0.51	ug/L			09/22/23 04:59	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			09/22/23 04:59	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			09/22/23 04:59	1
Trichloroethene	2.1		1.0	0.46	ug/L			09/22/23 04:59	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			09/22/23 04:59	1
Vinyl chloride	ND		1.0	0.90	ug/L			09/22/23 04:59	1
Xylenes, Total	ND		2.0	0.66	ug/L			09/22/23 04:59	1

Eurofins Buffalo

Client Sample Results

Client: Ramboll Americas Engineering Solutions
Project/Site: Forest Glen Monitoring

Job ID: 480-212926-1

Client Sample ID: MW8S 091923

Lab Sample ID: 480-212926-3

Date Collected: 09/19/23 14:15

Matrix: Water

Date Received: 09/20/23 11:00

<i>Surrogate</i>	<i>%Recovery</i>	<i>Qualifier</i>	<i>Limits</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Dil Fac</i>
1,2-Dichloroethane-d4 (Surr)	107		77 - 120		09/22/23 04:59	1
Toluene-d8 (Surr)	106		80 - 120		09/22/23 04:59	1
4-Bromofluorobenzene (Surr)	99		73 - 120		09/22/23 04:59	1
Dibromofluoromethane (Surr)	104		75 - 123		09/22/23 04:59	1

Client Sample Results

Client: Ramboll Americas Engineering Solutions
Project/Site: Forest Glen Monitoring

Job ID: 480-212926-1

Client Sample ID: MW8D 091923

Lab Sample ID: 480-212926-4

Date Collected: 09/19/23 12:55

Matrix: Water

Date Received: 09/20/23 11:00

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			09/22/23 05:23	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			09/22/23 05:23	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			09/22/23 05:23	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			09/22/23 05:23	1
1,1-Dichloroethane	0.61	J	1.0	0.38	ug/L			09/22/23 05:23	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			09/22/23 05:23	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			09/22/23 05:23	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			09/22/23 05:23	1
Ethylene Dibromide	ND		1.0	0.73	ug/L			09/22/23 05:23	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			09/22/23 05:23	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			09/22/23 05:23	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			09/22/23 05:23	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			09/22/23 05:23	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			09/22/23 05:23	1
2-Hexanone	ND		5.0	1.2	ug/L			09/22/23 05:23	1
2-Butanone (MEK)	ND		10	1.3	ug/L			09/22/23 05:23	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			09/22/23 05:23	1
Acetone	ND	*+	10	3.0	ug/L			09/22/23 05:23	1
Benzene	ND		1.0	0.41	ug/L			09/22/23 05:23	1
Bromodichloromethane	ND		1.0	0.39	ug/L			09/22/23 05:23	1
Bromoform	ND		1.0	0.26	ug/L			09/22/23 05:23	1
Bromomethane	ND		1.0	0.69	ug/L			09/22/23 05:23	1
Carbon disulfide	ND		1.0	0.19	ug/L			09/22/23 05:23	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			09/22/23 05:23	1
Chlorobenzene	ND		1.0	0.75	ug/L			09/22/23 05:23	1
Chlorodibromomethane	ND		1.0	0.32	ug/L			09/22/23 05:23	1
Chloroethane	ND		1.0	0.32	ug/L			09/22/23 05:23	1
Chloroform	ND		1.0	0.34	ug/L			09/22/23 05:23	1
Chloromethane	ND		1.0	0.35	ug/L			09/22/23 05:23	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			09/22/23 05:23	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			09/22/23 05:23	1
Cyclohexane	ND		1.0	0.18	ug/L			09/22/23 05:23	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			09/22/23 05:23	1
Ethylbenzene	ND		1.0	0.74	ug/L			09/22/23 05:23	1
Isopropylbenzene	ND		1.0	0.79	ug/L			09/22/23 05:23	1
Methyl acetate	ND		1.3	1.3	ug/L			09/22/23 05:23	1
Methyl tert-butyl ether	0.19	J	1.0	0.16	ug/L			09/22/23 05:23	1
Methylcyclohexane	ND		1.0	0.16	ug/L			09/22/23 05:23	1
Methylene Chloride	ND		1.0	0.44	ug/L			09/22/23 05:23	1
Styrene	ND		1.0	0.73	ug/L			09/22/23 05:23	1
Tetrachloroethene	ND		1.0	0.36	ug/L			09/22/23 05:23	1
Toluene	ND		1.0	0.51	ug/L			09/22/23 05:23	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			09/22/23 05:23	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			09/22/23 05:23	1
Trichloroethene	ND		1.0	0.46	ug/L			09/22/23 05:23	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			09/22/23 05:23	1
Vinyl chloride	ND		1.0	0.90	ug/L			09/22/23 05:23	1
Xylenes, Total	ND		2.0	0.66	ug/L			09/22/23 05:23	1

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Client Sample Results

Client: Ramboll Americas Engineering Solutions
Project/Site: Forest Glen Monitoring

Job ID: 480-212926-1

Client Sample ID: MW8D 091923

Lab Sample ID: 480-212926-4

Date Collected: 09/19/23 12:55

Matrix: Water

Date Received: 09/20/23 11:00

<i>Surrogate</i>	<i>%Recovery</i>	<i>Qualifier</i>	<i>Limits</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Dil Fac</i>
1,2-Dichloroethane-d4 (Surr)	109		77 - 120		09/22/23 05:23	1
Toluene-d8 (Surr)	105		80 - 120		09/22/23 05:23	1
4-Bromofluorobenzene (Surr)	98		73 - 120		09/22/23 05:23	1
Dibromofluoromethane (Surr)	104		75 - 123		09/22/23 05:23	1

Client Sample Results

Client: Ramboll Americas Engineering Solutions
Project/Site: Forest Glen Monitoring

Job ID: 480-212926-1

Client Sample ID: MW6DD 091923

Lab Sample ID: 480-212926-5

Date Collected: 09/19/23 13:35

Matrix: Water

Date Received: 09/20/23 11:00

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			09/22/23 05:46	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			09/22/23 05:46	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			09/22/23 05:46	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			09/22/23 05:46	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			09/22/23 05:46	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			09/22/23 05:46	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			09/22/23 05:46	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			09/22/23 05:46	1
Ethylene Dibromide	ND		1.0	0.73	ug/L			09/22/23 05:46	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			09/22/23 05:46	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			09/22/23 05:46	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			09/22/23 05:46	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			09/22/23 05:46	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			09/22/23 05:46	1
2-Hexanone	ND		5.0	1.2	ug/L			09/22/23 05:46	1
2-Butanone (MEK)	ND		10	1.3	ug/L			09/22/23 05:46	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			09/22/23 05:46	1
Acetone	ND	*+	10	3.0	ug/L			09/22/23 05:46	1
Benzene	ND		1.0	0.41	ug/L			09/22/23 05:46	1
Bromodichloromethane	ND		1.0	0.39	ug/L			09/22/23 05:46	1
Bromoform	ND		1.0	0.26	ug/L			09/22/23 05:46	1
Bromomethane	ND		1.0	0.69	ug/L			09/22/23 05:46	1
Carbon disulfide	ND		1.0	0.19	ug/L			09/22/23 05:46	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			09/22/23 05:46	1
Chlorobenzene	ND		1.0	0.75	ug/L			09/22/23 05:46	1
Chlorodibromomethane	ND		1.0	0.32	ug/L			09/22/23 05:46	1
Chloroethane	ND		1.0	0.32	ug/L			09/22/23 05:46	1
Chloroform	ND		1.0	0.34	ug/L			09/22/23 05:46	1
Chloromethane	ND		1.0	0.35	ug/L			09/22/23 05:46	1
cis-1,2-Dichloroethene	18		1.0	0.81	ug/L			09/22/23 05:46	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			09/22/23 05:46	1
Cyclohexane	ND		1.0	0.18	ug/L			09/22/23 05:46	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			09/22/23 05:46	1
Ethylbenzene	ND		1.0	0.74	ug/L			09/22/23 05:46	1
Isopropylbenzene	ND		1.0	0.79	ug/L			09/22/23 05:46	1
Methyl acetate	ND		1.3	1.3	ug/L			09/22/23 05:46	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			09/22/23 05:46	1
Methylcyclohexane	ND		1.0	0.16	ug/L			09/22/23 05:46	1
Methylene Chloride	ND		1.0	0.44	ug/L			09/22/23 05:46	1
Styrene	ND		1.0	0.73	ug/L			09/22/23 05:46	1
Tetrachloroethene	ND		1.0	0.36	ug/L			09/22/23 05:46	1
Toluene	ND		1.0	0.51	ug/L			09/22/23 05:46	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			09/22/23 05:46	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			09/22/23 05:46	1
Trichloroethene	ND		1.0	0.46	ug/L			09/22/23 05:46	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			09/22/23 05:46	1
Vinyl chloride	5.6		1.0	0.90	ug/L			09/22/23 05:46	1
Xylenes, Total	ND		2.0	0.66	ug/L			09/22/23 05:46	1

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Client Sample Results

Client: Ramboll Americas Engineering Solutions
Project/Site: Forest Glen Monitoring

Job ID: 480-212926-1

Client Sample ID: MW6DD 091923

Lab Sample ID: 480-212926-5

Date Collected: 09/19/23 13:35

Matrix: Water

Date Received: 09/20/23 11:00

<i>Surrogate</i>	<i>%Recovery</i>	<i>Qualifier</i>	<i>Limits</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Dil Fac</i>
1,2-Dichloroethane-d4 (Surr)	110		77 - 120		09/22/23 05:46	1
Toluene-d8 (Surr)	107		80 - 120		09/22/23 05:46	1
4-Bromofluorobenzene (Surr)	93		73 - 120		09/22/23 05:46	1
Dibromofluoromethane (Surr)	104		75 - 123		09/22/23 05:46	1

Client Sample Results

Client: Ramboll Americas Engineering Solutions
Project/Site: Forest Glen Monitoring

Job ID: 480-212926-1

Client Sample ID: MW6S 091923

Lab Sample ID: 480-212926-6

Date Collected: 09/19/23 11:55

Matrix: Water

Date Received: 09/20/23 11:00

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			09/22/23 06:09	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			09/22/23 06:09	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			09/22/23 06:09	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			09/22/23 06:09	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			09/22/23 06:09	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			09/22/23 06:09	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			09/22/23 06:09	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			09/22/23 06:09	1
Ethylene Dibromide	ND		1.0	0.73	ug/L			09/22/23 06:09	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			09/22/23 06:09	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			09/22/23 06:09	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			09/22/23 06:09	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			09/22/23 06:09	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			09/22/23 06:09	1
2-Hexanone	ND		5.0	1.2	ug/L			09/22/23 06:09	1
2-Butanone (MEK)	ND		10	1.3	ug/L			09/22/23 06:09	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			09/22/23 06:09	1
Acetone	ND	*+	10	3.0	ug/L			09/22/23 06:09	1
Benzene	ND		1.0	0.41	ug/L			09/22/23 06:09	1
Bromodichloromethane	ND		1.0	0.39	ug/L			09/22/23 06:09	1
Bromoform	ND		1.0	0.26	ug/L			09/22/23 06:09	1
Bromomethane	ND		1.0	0.69	ug/L			09/22/23 06:09	1
Carbon disulfide	ND		1.0	0.19	ug/L			09/22/23 06:09	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			09/22/23 06:09	1
Chlorobenzene	ND		1.0	0.75	ug/L			09/22/23 06:09	1
Chlorodibromomethane	ND		1.0	0.32	ug/L			09/22/23 06:09	1
Chloroethane	ND		1.0	0.32	ug/L			09/22/23 06:09	1
Chloroform	ND		1.0	0.34	ug/L			09/22/23 06:09	1
Chloromethane	ND		1.0	0.35	ug/L			09/22/23 06:09	1
cis-1,2-Dichloroethene	4.3		1.0	0.81	ug/L			09/22/23 06:09	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			09/22/23 06:09	1
Cyclohexane	ND		1.0	0.18	ug/L			09/22/23 06:09	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			09/22/23 06:09	1
Ethylbenzene	ND		1.0	0.74	ug/L			09/22/23 06:09	1
Isopropylbenzene	ND		1.0	0.79	ug/L			09/22/23 06:09	1
Methyl acetate	ND		1.3	1.3	ug/L			09/22/23 06:09	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			09/22/23 06:09	1
Methylcyclohexane	ND		1.0	0.16	ug/L			09/22/23 06:09	1
Methylene Chloride	ND		1.0	0.44	ug/L			09/22/23 06:09	1
Styrene	ND		1.0	0.73	ug/L			09/22/23 06:09	1
Tetrachloroethene	ND		1.0	0.36	ug/L			09/22/23 06:09	1
Toluene	ND		1.0	0.51	ug/L			09/22/23 06:09	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			09/22/23 06:09	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			09/22/23 06:09	1
Trichloroethene	ND		1.0	0.46	ug/L			09/22/23 06:09	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			09/22/23 06:09	1
Vinyl chloride	1.9		1.0	0.90	ug/L			09/22/23 06:09	1
Xylenes, Total	ND		2.0	0.66	ug/L			09/22/23 06:09	1

Eurofins Buffalo

Client Sample Results

Client: Ramboll Americas Engineering Solutions
Project/Site: Forest Glen Monitoring

Job ID: 480-212926-1

Client Sample ID: MW6S 091923

Lab Sample ID: 480-212926-6

Date Collected: 09/19/23 11:55

Matrix: Water

Date Received: 09/20/23 11:00

<i>Surrogate</i>	<i>%Recovery</i>	<i>Qualifier</i>	<i>Limits</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Dil Fac</i>
1,2-Dichloroethane-d4 (Surr)	107		77 - 120		09/22/23 06:09	1
Toluene-d8 (Surr)	107		80 - 120		09/22/23 06:09	1
4-Bromofluorobenzene (Surr)	101		73 - 120		09/22/23 06:09	1
Dibromofluoromethane (Surr)	103		75 - 123		09/22/23 06:09	1

Client Sample Results

Client: Ramboll Americas Engineering Solutions
Project/Site: Forest Glen Monitoring

Job ID: 480-212926-1

Client Sample ID: MW10D 091923

Lab Sample ID: 480-212926-7

Date Collected: 09/19/23 11:12

Matrix: Water

Date Received: 09/20/23 11:00

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			09/22/23 06:33	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			09/22/23 06:33	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			09/22/23 06:33	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			09/22/23 06:33	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			09/22/23 06:33	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			09/22/23 06:33	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			09/22/23 06:33	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			09/22/23 06:33	1
Ethylene Dibromide	ND		1.0	0.73	ug/L			09/22/23 06:33	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			09/22/23 06:33	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			09/22/23 06:33	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			09/22/23 06:33	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			09/22/23 06:33	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			09/22/23 06:33	1
2-Hexanone	ND		5.0	1.2	ug/L			09/22/23 06:33	1
2-Butanone (MEK)	ND		10	1.3	ug/L			09/22/23 06:33	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			09/22/23 06:33	1
Acetone	ND	*+	10	3.0	ug/L			09/22/23 06:33	1
Benzene	ND		1.0	0.41	ug/L			09/22/23 06:33	1
Bromodichloromethane	ND		1.0	0.39	ug/L			09/22/23 06:33	1
Bromoform	ND		1.0	0.26	ug/L			09/22/23 06:33	1
Bromomethane	ND		1.0	0.69	ug/L			09/22/23 06:33	1
Carbon disulfide	ND		1.0	0.19	ug/L			09/22/23 06:33	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			09/22/23 06:33	1
Chlorobenzene	ND		1.0	0.75	ug/L			09/22/23 06:33	1
Chlorodibromomethane	ND		1.0	0.32	ug/L			09/22/23 06:33	1
Chloroethane	ND		1.0	0.32	ug/L			09/22/23 06:33	1
Chloroform	ND		1.0	0.34	ug/L			09/22/23 06:33	1
Chloromethane	ND		1.0	0.35	ug/L			09/22/23 06:33	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			09/22/23 06:33	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			09/22/23 06:33	1
Cyclohexane	ND		1.0	0.18	ug/L			09/22/23 06:33	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			09/22/23 06:33	1
Ethylbenzene	ND		1.0	0.74	ug/L			09/22/23 06:33	1
Isopropylbenzene	ND		1.0	0.79	ug/L			09/22/23 06:33	1
Methyl acetate	ND		1.3	1.3	ug/L			09/22/23 06:33	1
Methyl tert-butyl ether	0.23	J	1.0	0.16	ug/L			09/22/23 06:33	1
Methylcyclohexane	ND		1.0	0.16	ug/L			09/22/23 06:33	1
Methylene Chloride	ND		1.0	0.44	ug/L			09/22/23 06:33	1
Styrene	ND		1.0	0.73	ug/L			09/22/23 06:33	1
Tetrachloroethene	ND		1.0	0.36	ug/L			09/22/23 06:33	1
Toluene	ND		1.0	0.51	ug/L			09/22/23 06:33	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			09/22/23 06:33	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			09/22/23 06:33	1
Trichloroethene	ND		1.0	0.46	ug/L			09/22/23 06:33	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			09/22/23 06:33	1
Vinyl chloride	ND		1.0	0.90	ug/L			09/22/23 06:33	1
Xylenes, Total	ND		2.0	0.66	ug/L			09/22/23 06:33	1

Eurofins Buffalo

Client Sample Results

Client: Ramboll Americas Engineering Solutions
Project/Site: Forest Glen Monitoring

Job ID: 480-212926-1

Client Sample ID: MW10D 091923

Lab Sample ID: 480-212926-7

Date Collected: 09/19/23 11:12

Matrix: Water

Date Received: 09/20/23 11:00

<i>Surrogate</i>	<i>%Recovery</i>	<i>Qualifier</i>	<i>Limits</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Dil Fac</i>
1,2-Dichloroethane-d4 (Surr)	109		77 - 120		09/22/23 06:33	1
Toluene-d8 (Surr)	105		80 - 120		09/22/23 06:33	1
4-Bromofluorobenzene (Surr)	97		73 - 120		09/22/23 06:33	1
Dibromofluoromethane (Surr)	105		75 - 123		09/22/23 06:33	1

Client Sample Results

Client: Ramboll Americas Engineering Solutions
Project/Site: Forest Glen Monitoring

Job ID: 480-212926-1

Client Sample ID: MW10S 091923

Lab Sample ID: 480-212926-8

Date Collected: 09/19/23 10:20

Matrix: Water

Date Received: 09/20/23 11:00

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			09/22/23 06:56	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			09/22/23 06:56	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			09/22/23 06:56	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			09/22/23 06:56	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			09/22/23 06:56	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			09/22/23 06:56	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			09/22/23 06:56	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			09/22/23 06:56	1
Ethylene Dibromide	ND		1.0	0.73	ug/L			09/22/23 06:56	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			09/22/23 06:56	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			09/22/23 06:56	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			09/22/23 06:56	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			09/22/23 06:56	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			09/22/23 06:56	1
2-Hexanone	ND		5.0	1.2	ug/L			09/22/23 06:56	1
2-Butanone (MEK)	ND		10	1.3	ug/L			09/22/23 06:56	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			09/22/23 06:56	1
Acetone	ND	*+	10	3.0	ug/L			09/22/23 06:56	1
Benzene	ND		1.0	0.41	ug/L			09/22/23 06:56	1
Bromodichloromethane	ND		1.0	0.39	ug/L			09/22/23 06:56	1
Bromoform	ND		1.0	0.26	ug/L			09/22/23 06:56	1
Bromomethane	ND		1.0	0.69	ug/L			09/22/23 06:56	1
Carbon disulfide	ND		1.0	0.19	ug/L			09/22/23 06:56	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			09/22/23 06:56	1
Chlorobenzene	ND		1.0	0.75	ug/L			09/22/23 06:56	1
Chlorodibromomethane	ND		1.0	0.32	ug/L			09/22/23 06:56	1
Chloroethane	ND		1.0	0.32	ug/L			09/22/23 06:56	1
Chloroform	ND		1.0	0.34	ug/L			09/22/23 06:56	1
Chloromethane	ND		1.0	0.35	ug/L			09/22/23 06:56	1
cis-1,2-Dichloroethene	51		1.0	0.81	ug/L			09/22/23 06:56	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			09/22/23 06:56	1
Cyclohexane	ND		1.0	0.18	ug/L			09/22/23 06:56	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			09/22/23 06:56	1
Ethylbenzene	ND		1.0	0.74	ug/L			09/22/23 06:56	1
Isopropylbenzene	ND		1.0	0.79	ug/L			09/22/23 06:56	1
Methyl acetate	ND		1.3	1.3	ug/L			09/22/23 06:56	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			09/22/23 06:56	1
Methylcyclohexane	ND		1.0	0.16	ug/L			09/22/23 06:56	1
Methylene Chloride	ND		1.0	0.44	ug/L			09/22/23 06:56	1
Styrene	ND		1.0	0.73	ug/L			09/22/23 06:56	1
Tetrachloroethene	ND		1.0	0.36	ug/L			09/22/23 06:56	1
Toluene	ND		1.0	0.51	ug/L			09/22/23 06:56	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			09/22/23 06:56	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			09/22/23 06:56	1
Trichloroethene	ND		1.0	0.46	ug/L			09/22/23 06:56	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			09/22/23 06:56	1
Vinyl chloride	10		1.0	0.90	ug/L			09/22/23 06:56	1
Xylenes, Total	ND		2.0	0.66	ug/L			09/22/23 06:56	1

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Client Sample Results

Client: Ramboll Americas Engineering Solutions
Project/Site: Forest Glen Monitoring

Job ID: 480-212926-1

Client Sample ID: MW10S 091923

Lab Sample ID: 480-212926-8

Date Collected: 09/19/23 10:20

Matrix: Water

Date Received: 09/20/23 11:00

<i>Surrogate</i>	<i>%Recovery</i>	<i>Qualifier</i>	<i>Limits</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Dil Fac</i>
1,2-Dichloroethane-d4 (Surr)	110		77 - 120		09/22/23 06:56	1
Toluene-d8 (Surr)	106		80 - 120		09/22/23 06:56	1
4-Bromofluorobenzene (Surr)	98		73 - 120		09/22/23 06:56	1
Dibromofluoromethane (Surr)	107		75 - 123		09/22/23 06:56	1

Client Sample Results

Client: Ramboll Americas Engineering Solutions
Project/Site: Forest Glen Monitoring

Job ID: 480-212926-1

Client Sample ID: MW5S 091923

Lab Sample ID: 480-212926-9

Date Collected: 09/19/23 09:45

Matrix: Water

Date Received: 09/20/23 11:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	5.1		1.0	0.82	ug/L			09/22/23 07:19	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			09/22/23 07:19	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			09/22/23 07:19	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			09/22/23 07:19	1
1,1-Dichloroethane	44		1.0	0.38	ug/L			09/22/23 07:19	1
1,1-Dichloroethene	3.7		1.0	0.29	ug/L			09/22/23 07:19	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			09/22/23 07:19	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			09/22/23 07:19	1
Ethylene Dibromide	ND		1.0	0.73	ug/L			09/22/23 07:19	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			09/22/23 07:19	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			09/22/23 07:19	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			09/22/23 07:19	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			09/22/23 07:19	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			09/22/23 07:19	1
2-Hexanone	ND		5.0	1.2	ug/L			09/22/23 07:19	1
2-Butanone (MEK)	ND		10	1.3	ug/L			09/22/23 07:19	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			09/22/23 07:19	1
Acetone	ND	*+	10	3.0	ug/L			09/22/23 07:19	1
Benzene	ND		1.0	0.41	ug/L			09/22/23 07:19	1
Bromodichloromethane	ND		1.0	0.39	ug/L			09/22/23 07:19	1
Bromoform	ND		1.0	0.26	ug/L			09/22/23 07:19	1
Bromomethane	ND		1.0	0.69	ug/L			09/22/23 07:19	1
Carbon disulfide	ND		1.0	0.19	ug/L			09/22/23 07:19	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			09/22/23 07:19	1
Chlorobenzene	ND		1.0	0.75	ug/L			09/22/23 07:19	1
Chlorodibromomethane	ND		1.0	0.32	ug/L			09/22/23 07:19	1
Chloroethane	ND		1.0	0.32	ug/L			09/22/23 07:19	1
Chloroform	ND		1.0	0.34	ug/L			09/22/23 07:19	1
Chloromethane	ND		1.0	0.35	ug/L			09/22/23 07:19	1
cis-1,2-Dichloroethene	59		1.0	0.81	ug/L			09/22/23 07:19	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			09/22/23 07:19	1
Cyclohexane	ND		1.0	0.18	ug/L			09/22/23 07:19	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			09/22/23 07:19	1
Ethylbenzene	ND		1.0	0.74	ug/L			09/22/23 07:19	1
Isopropylbenzene	ND		1.0	0.79	ug/L			09/22/23 07:19	1
Methyl acetate	ND		1.3	1.3	ug/L			09/22/23 07:19	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			09/22/23 07:19	1
Methylcyclohexane	ND		1.0	0.16	ug/L			09/22/23 07:19	1
Methylene Chloride	ND		1.0	0.44	ug/L			09/22/23 07:19	1
Styrene	ND		1.0	0.73	ug/L			09/22/23 07:19	1
Tetrachloroethene	ND		1.0	0.36	ug/L			09/22/23 07:19	1
Toluene	ND		1.0	0.51	ug/L			09/22/23 07:19	1
trans-1,2-Dichloroethene	3.1		1.0	0.90	ug/L			09/22/23 07:19	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			09/22/23 07:19	1
Trichloroethene	8.6		1.0	0.46	ug/L			09/22/23 07:19	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			09/22/23 07:19	1
Vinyl chloride	4.7		1.0	0.90	ug/L			09/22/23 07:19	1
Xylenes, Total	ND		2.0	0.66	ug/L			09/22/23 07:19	1

Eurofins Buffalo

Client Sample Results

Client: Ramboll Americas Engineering Solutions
Project/Site: Forest Glen Monitoring

Job ID: 480-212926-1

Client Sample ID: MW5S 091923

Lab Sample ID: 480-212926-9

Date Collected: 09/19/23 09:45

Matrix: Water

Date Received: 09/20/23 11:00

<i>Surrogate</i>	<i>%Recovery</i>	<i>Qualifier</i>	<i>Limits</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Dil Fac</i>
1,2-Dichloroethane-d4 (Surr)	110		77 - 120		09/22/23 07:19	1
Toluene-d8 (Surr)	106		80 - 120		09/22/23 07:19	1
4-Bromofluorobenzene (Surr)	99		73 - 120		09/22/23 07:19	1
Dibromofluoromethane (Surr)	105		75 - 123		09/22/23 07:19	1

Client Sample Results

Client: Ramboll Americas Engineering Solutions
Project/Site: Forest Glen Monitoring

Job ID: 480-212926-1

Client Sample ID: MW6D 091823

Lab Sample ID: 480-212926-10

Date Collected: 09/18/23 15:05

Matrix: Water

Date Received: 09/20/23 11:00

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			09/22/23 02:56	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			09/22/23 02:56	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			09/22/23 02:56	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			09/22/23 02:56	1
1,1-Dichloroethane	0.56	J	1.0	0.38	ug/L			09/22/23 02:56	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			09/22/23 02:56	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			09/22/23 02:56	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			09/22/23 02:56	1
Ethylene Dibromide	ND		1.0	0.73	ug/L			09/22/23 02:56	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			09/22/23 02:56	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			09/22/23 02:56	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			09/22/23 02:56	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			09/22/23 02:56	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			09/22/23 02:56	1
2-Hexanone	ND		5.0	1.2	ug/L			09/22/23 02:56	1
2-Butanone (MEK)	ND		10	1.3	ug/L			09/22/23 02:56	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			09/22/23 02:56	1
Acetone	ND		10	3.0	ug/L			09/22/23 02:56	1
Benzene	ND		1.0	0.41	ug/L			09/22/23 02:56	1
Bromodichloromethane	ND		1.0	0.39	ug/L			09/22/23 02:56	1
Bromoform	ND		1.0	0.26	ug/L			09/22/23 02:56	1
Bromomethane	ND		1.0	0.69	ug/L			09/22/23 02:56	1
Carbon disulfide	ND		1.0	0.19	ug/L			09/22/23 02:56	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			09/22/23 02:56	1
Chlorobenzene	ND		1.0	0.75	ug/L			09/22/23 02:56	1
Chlorodibromomethane	ND		1.0	0.32	ug/L			09/22/23 02:56	1
Chloroethane	ND		1.0	0.32	ug/L			09/22/23 02:56	1
Chloroform	ND		1.0	0.34	ug/L			09/22/23 02:56	1
Chloromethane	ND		1.0	0.35	ug/L			09/22/23 02:56	1
cis-1,2-Dichloroethene	2.2		1.0	0.81	ug/L			09/22/23 02:56	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			09/22/23 02:56	1
Cyclohexane	ND		1.0	0.18	ug/L			09/22/23 02:56	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			09/22/23 02:56	1
Ethylbenzene	ND		1.0	0.74	ug/L			09/22/23 02:56	1
Isopropylbenzene	ND		1.0	0.79	ug/L			09/22/23 02:56	1
Methyl acetate	ND		1.3	1.3	ug/L			09/22/23 02:56	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			09/22/23 02:56	1
Methylcyclohexane	ND		1.0	0.16	ug/L			09/22/23 02:56	1
Methylene Chloride	ND		1.0	0.44	ug/L			09/22/23 02:56	1
Styrene	ND		1.0	0.73	ug/L			09/22/23 02:56	1
Tetrachloroethene	ND		1.0	0.36	ug/L			09/22/23 02:56	1
Toluene	ND		1.0	0.51	ug/L			09/22/23 02:56	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			09/22/23 02:56	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			09/22/23 02:56	1
Trichloroethene	ND		1.0	0.46	ug/L			09/22/23 02:56	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			09/22/23 02:56	1
Vinyl chloride	3.2		1.0	0.90	ug/L			09/22/23 02:56	1
Xylenes, Total	ND		2.0	0.66	ug/L			09/22/23 02:56	1

Eurofins Buffalo

Client Sample Results

Client: Ramboll Americas Engineering Solutions
Project/Site: Forest Glen Monitoring

Job ID: 480-212926-1

Client Sample ID: MW6D 091823

Lab Sample ID: 480-212926-10

Date Collected: 09/18/23 15:05

Matrix: Water

Date Received: 09/20/23 11:00

<i>Surrogate</i>	<i>%Recovery</i>	<i>Qualifier</i>	<i>Limits</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Dil Fac</i>
1,2-Dichloroethane-d4 (Surr)	111		77 - 120		09/22/23 02:56	1
Toluene-d8 (Surr)	106		80 - 120		09/22/23 02:56	1
4-Bromofluorobenzene (Surr)	104		73 - 120		09/22/23 02:56	1
Dibromofluoromethane (Surr)	107		75 - 123		09/22/23 02:56	1

Client Sample Results

Client: Ramboll Americas Engineering Solutions
Project/Site: Forest Glen Monitoring

Job ID: 480-212926-1

Client Sample ID: MW5D 091823

Lab Sample ID: 480-212926-11

Date Collected: 09/18/23 15:30

Matrix: Water

Date Received: 09/20/23 11:00

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			09/22/23 03:17	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			09/22/23 03:17	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			09/22/23 03:17	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			09/22/23 03:17	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			09/22/23 03:17	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			09/22/23 03:17	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			09/22/23 03:17	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			09/22/23 03:17	1
Ethylene Dibromide	ND		1.0	0.73	ug/L			09/22/23 03:17	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			09/22/23 03:17	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			09/22/23 03:17	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			09/22/23 03:17	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			09/22/23 03:17	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			09/22/23 03:17	1
2-Hexanone	ND		5.0	1.2	ug/L			09/22/23 03:17	1
2-Butanone (MEK)	ND		10	1.3	ug/L			09/22/23 03:17	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			09/22/23 03:17	1
Acetone	ND		10	3.0	ug/L			09/22/23 03:17	1
Benzene	ND		1.0	0.41	ug/L			09/22/23 03:17	1
Bromodichloromethane	ND		1.0	0.39	ug/L			09/22/23 03:17	1
Bromoform	ND		1.0	0.26	ug/L			09/22/23 03:17	1
Bromomethane	ND		1.0	0.69	ug/L			09/22/23 03:17	1
Carbon disulfide	ND		1.0	0.19	ug/L			09/22/23 03:17	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			09/22/23 03:17	1
Chlorobenzene	ND		1.0	0.75	ug/L			09/22/23 03:17	1
Chlorodibromomethane	ND		1.0	0.32	ug/L			09/22/23 03:17	1
Chloroethane	ND		1.0	0.32	ug/L			09/22/23 03:17	1
Chloroform	ND		1.0	0.34	ug/L			09/22/23 03:17	1
Chloromethane	ND		1.0	0.35	ug/L			09/22/23 03:17	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			09/22/23 03:17	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			09/22/23 03:17	1
Cyclohexane	ND		1.0	0.18	ug/L			09/22/23 03:17	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			09/22/23 03:17	1
Ethylbenzene	ND		1.0	0.74	ug/L			09/22/23 03:17	1
Isopropylbenzene	ND		1.0	0.79	ug/L			09/22/23 03:17	1
Methyl acetate	ND		1.3	1.3	ug/L			09/22/23 03:17	1
Methyl tert-butyl ether	0.39	J	1.0	0.16	ug/L			09/22/23 03:17	1
Methylcyclohexane	ND		1.0	0.16	ug/L			09/22/23 03:17	1
Methylene Chloride	ND		1.0	0.44	ug/L			09/22/23 03:17	1
Styrene	ND		1.0	0.73	ug/L			09/22/23 03:17	1
Tetrachloroethene	ND		1.0	0.36	ug/L			09/22/23 03:17	1
Toluene	ND		1.0	0.51	ug/L			09/22/23 03:17	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			09/22/23 03:17	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			09/22/23 03:17	1
Trichloroethene	ND		1.0	0.46	ug/L			09/22/23 03:17	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			09/22/23 03:17	1
Vinyl chloride	ND		1.0	0.90	ug/L			09/22/23 03:17	1
Xylenes, Total	ND		2.0	0.66	ug/L			09/22/23 03:17	1

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Client Sample Results

Client: Ramboll Americas Engineering Solutions
Project/Site: Forest Glen Monitoring

Job ID: 480-212926-1

Client Sample ID: MW5D 091823

Lab Sample ID: 480-212926-11

Date Collected: 09/18/23 15:30

Matrix: Water

Date Received: 09/20/23 11:00

<i>Surrogate</i>	<i>%Recovery</i>	<i>Qualifier</i>	<i>Limits</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Dil Fac</i>
1,2-Dichloroethane-d4 (Surr)	109		77 - 120		09/22/23 03:17	1
Toluene-d8 (Surr)	105		80 - 120		09/22/23 03:17	1
4-Bromofluorobenzene (Surr)	99		73 - 120		09/22/23 03:17	1
Dibromofluoromethane (Surr)	104		75 - 123		09/22/23 03:17	1

Client Sample Results

Client: Ramboll Americas Engineering Solutions
Project/Site: Forest Glen Monitoring

Job ID: 480-212926-1

Client Sample ID: MW7S 092023

Lab Sample ID: 480-212926-12

Date Collected: 09/20/23 08:27

Matrix: Water

Date Received: 09/20/23 11:00

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			09/23/23 01:28	2
1,1,2,2-Tetrachloroethane	ND		2.0	0.42	ug/L			09/23/23 01:28	2
1,1,2-Trichloroethane	ND		2.0	0.46	ug/L			09/23/23 01:28	2
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		2.0	0.62	ug/L			09/23/23 01:28	2
1,1-Dichloroethane	ND		2.0	0.76	ug/L			09/23/23 01:28	2
1,1-Dichloroethene	ND		2.0	0.58	ug/L			09/23/23 01:28	2
1,2,4-Trichlorobenzene	ND		2.0	0.82	ug/L			09/23/23 01:28	2
1,2-Dibromo-3-Chloropropane	ND		2.0	0.78	ug/L			09/23/23 01:28	2
Ethylene Dibromide	ND		2.0	1.5	ug/L			09/23/23 01:28	2
1,2-Dichlorobenzene	ND		2.0	1.6	ug/L			09/23/23 01:28	2
1,2-Dichloroethane	ND		2.0	0.42	ug/L			09/23/23 01:28	2
1,2-Dichloropropane	ND		2.0	1.4	ug/L			09/23/23 01:28	2
1,3-Dichlorobenzene	ND		2.0	1.6	ug/L			09/23/23 01:28	2
1,4-Dichlorobenzene	ND		2.0	1.7	ug/L			09/23/23 01:28	2
2-Hexanone	ND		10	2.5	ug/L			09/23/23 01:28	2
2-Butanone (MEK)	ND		20	2.6	ug/L			09/23/23 01:28	2
4-Methyl-2-pentanone (MIBK)	ND		10	4.2	ug/L			09/23/23 01:28	2
Acetone	ND		20	6.0	ug/L			09/23/23 01:28	2
Benzene	ND		2.0	0.82	ug/L			09/23/23 01:28	2
Bromodichloromethane	ND		2.0	0.78	ug/L			09/23/23 01:28	2
Bromoform	ND		2.0	0.52	ug/L			09/23/23 01:28	2
Bromomethane	ND		2.0	1.4	ug/L			09/23/23 01:28	2
Carbon disulfide	ND		2.0	0.38	ug/L			09/23/23 01:28	2
Carbon tetrachloride	ND		2.0	0.54	ug/L			09/23/23 01:28	2
Chlorobenzene	ND		2.0	1.5	ug/L			09/23/23 01:28	2
Chlorodibromomethane	ND		2.0	0.64	ug/L			09/23/23 01:28	2
Chloroethane	ND		2.0	0.64	ug/L			09/23/23 01:28	2
Chloroform	ND		2.0	0.68	ug/L			09/23/23 01:28	2
Chloromethane	ND		2.0	0.70	ug/L			09/23/23 01:28	2
cis-1,2-Dichloroethene	ND		2.0	1.6	ug/L			09/23/23 01:28	2
cis-1,3-Dichloropropene	ND		2.0	0.72	ug/L			09/23/23 01:28	2
Cyclohexane	ND		2.0	0.36	ug/L			09/23/23 01:28	2
Dichlorodifluoromethane	ND		2.0	1.4	ug/L			09/23/23 01:28	2
Ethylbenzene	ND		2.0	1.5	ug/L			09/23/23 01:28	2
Isopropylbenzene	ND		2.0	1.6	ug/L			09/23/23 01:28	2
Methyl acetate	ND		2.6	2.6	ug/L			09/23/23 01:28	2
Methyl tert-butyl ether	ND		2.0	0.32	ug/L			09/23/23 01:28	2
Methylcyclohexane	ND		2.0	0.32	ug/L			09/23/23 01:28	2
Methylene Chloride	1.2 J		2.0	0.88	ug/L			09/23/23 01:28	2
Styrene	ND		2.0	1.5	ug/L			09/23/23 01:28	2
Tetrachloroethene	ND		2.0	0.72	ug/L			09/23/23 01:28	2
Toluene	ND		2.0	1.0	ug/L			09/23/23 01:28	2
trans-1,2-Dichloroethene	ND		2.0	1.8	ug/L			09/23/23 01:28	2
trans-1,3-Dichloropropene	ND		2.0	0.74	ug/L			09/23/23 01:28	2
Trichloroethene	ND		2.0	0.92	ug/L			09/23/23 01:28	2
Trichlorofluoromethane	ND		2.0	1.8	ug/L			09/23/23 01:28	2
Vinyl chloride	ND		2.0	1.8	ug/L			09/23/23 01:28	2
Xylenes, Total	ND		4.0	1.3	ug/L			09/23/23 01:28	2

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Client Sample Results

Client: Ramboll Americas Engineering Solutions
Project/Site: Forest Glen Monitoring

Job ID: 480-212926-1

Client Sample ID: MW7S 092023

Lab Sample ID: 480-212926-12

Date Collected: 09/20/23 08:27

Matrix: Water

Date Received: 09/20/23 11:00

<i>Surrogate</i>	<i>%Recovery</i>	<i>Qualifier</i>	<i>Limits</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Dil Fac</i>
1,2-Dichloroethane-d4 (Surr)	113		77 - 120		09/23/23 01:28	2
Toluene-d8 (Surr)	92		80 - 120		09/23/23 01:28	2
4-Bromofluorobenzene (Surr)	101		73 - 120		09/23/23 01:28	2
Dibromofluoromethane (Surr)	112		75 - 123		09/23/23 01:28	2

Client Sample Results

Client: Ramboll Americas Engineering Solutions
Project/Site: Forest Glen Monitoring

Job ID: 480-212926-1

Client Sample ID: MW8DD 092023

Lab Sample ID: 480-212926-13

Date Collected: 09/20/23 08:35

Matrix: Water

Date Received: 09/20/23 11:00

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			09/23/23 01:50	1
1,1,1,2-Tetrachloroethane	ND		1.0	0.21	ug/L			09/23/23 01:50	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			09/23/23 01:50	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			09/23/23 01:50	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			09/23/23 01:50	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			09/23/23 01:50	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			09/23/23 01:50	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			09/23/23 01:50	1
Ethylene Dibromide	ND		1.0	0.73	ug/L			09/23/23 01:50	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			09/23/23 01:50	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			09/23/23 01:50	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			09/23/23 01:50	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			09/23/23 01:50	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			09/23/23 01:50	1
2-Hexanone	ND		5.0	1.2	ug/L			09/23/23 01:50	1
2-Butanone (MEK)	ND		10	1.3	ug/L			09/23/23 01:50	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			09/23/23 01:50	1
Acetone	ND		10	3.0	ug/L			09/23/23 01:50	1
Benzene	ND		1.0	0.41	ug/L			09/23/23 01:50	1
Bromodichloromethane	ND		1.0	0.39	ug/L			09/23/23 01:50	1
Bromoform	ND		1.0	0.26	ug/L			09/23/23 01:50	1
Bromomethane	ND		1.0	0.69	ug/L			09/23/23 01:50	1
Carbon disulfide	ND		1.0	0.19	ug/L			09/23/23 01:50	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			09/23/23 01:50	1
Chlorobenzene	ND		1.0	0.75	ug/L			09/23/23 01:50	1
Chlorodibromomethane	ND		1.0	0.32	ug/L			09/23/23 01:50	1
Chloroethane	ND		1.0	0.32	ug/L			09/23/23 01:50	1
Chloroform	ND		1.0	0.34	ug/L			09/23/23 01:50	1
Chloromethane	ND		1.0	0.35	ug/L			09/23/23 01:50	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			09/23/23 01:50	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			09/23/23 01:50	1
Cyclohexane	ND		1.0	0.18	ug/L			09/23/23 01:50	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			09/23/23 01:50	1
Ethylbenzene	ND		1.0	0.74	ug/L			09/23/23 01:50	1
Isopropylbenzene	ND		1.0	0.79	ug/L			09/23/23 01:50	1
Methyl acetate	ND		1.3	1.3	ug/L			09/23/23 01:50	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			09/23/23 01:50	1
Methylcyclohexane	ND		1.0	0.16	ug/L			09/23/23 01:50	1
Methylene Chloride	ND		1.0	0.44	ug/L			09/23/23 01:50	1
Styrene	ND		1.0	0.73	ug/L			09/23/23 01:50	1
Tetrachloroethene	ND		1.0	0.36	ug/L			09/23/23 01:50	1
Toluene	ND		1.0	0.51	ug/L			09/23/23 01:50	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			09/23/23 01:50	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			09/23/23 01:50	1
Trichloroethene	ND		1.0	0.46	ug/L			09/23/23 01:50	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			09/23/23 01:50	1
Vinyl chloride	ND		1.0	0.90	ug/L			09/23/23 01:50	1
Xylenes, Total	ND		2.0	0.66	ug/L			09/23/23 01:50	1

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Client Sample Results

Client: Ramboll Americas Engineering Solutions
Project/Site: Forest Glen Monitoring

Job ID: 480-212926-1

Client Sample ID: MW8DD 092023

Lab Sample ID: 480-212926-13

Date Collected: 09/20/23 08:35

Matrix: Water

Date Received: 09/20/23 11:00

<i>Surrogate</i>	<i>%Recovery</i>	<i>Qualifier</i>	<i>Limits</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Dil Fac</i>
1,2-Dichloroethane-d4 (Surr)	111		77 - 120		09/23/23 01:50	1
Toluene-d8 (Surr)	93		80 - 120		09/23/23 01:50	1
4-Bromofluorobenzene (Surr)	99		73 - 120		09/23/23 01:50	1
Dibromofluoromethane (Surr)	115		75 - 123		09/23/23 01:50	1

Client Sample Results

Client: Ramboll Americas Engineering Solutions
Project/Site: Forest Glen Monitoring

Job ID: 480-212926-1

Client Sample ID: MW7D 092023

Lab Sample ID: 480-212926-14

Date Collected: 09/20/23 09:12

Matrix: Water

Date Received: 09/20/23 11:00

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			09/23/23 02:11	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			09/23/23 02:11	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			09/23/23 02:11	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			09/23/23 02:11	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			09/23/23 02:11	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			09/23/23 02:11	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			09/23/23 02:11	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			09/23/23 02:11	1
Ethylene Dibromide	ND		1.0	0.73	ug/L			09/23/23 02:11	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			09/23/23 02:11	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			09/23/23 02:11	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			09/23/23 02:11	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			09/23/23 02:11	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			09/23/23 02:11	1
2-Hexanone	ND		5.0	1.2	ug/L			09/23/23 02:11	1
2-Butanone (MEK)	ND		10	1.3	ug/L			09/23/23 02:11	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			09/23/23 02:11	1
Acetone	ND		10	3.0	ug/L			09/23/23 02:11	1
Benzene	ND		1.0	0.41	ug/L			09/23/23 02:11	1
Bromodichloromethane	ND		1.0	0.39	ug/L			09/23/23 02:11	1
Bromoform	ND		1.0	0.26	ug/L			09/23/23 02:11	1
Bromomethane	ND		1.0	0.69	ug/L			09/23/23 02:11	1
Carbon disulfide	ND		1.0	0.19	ug/L			09/23/23 02:11	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			09/23/23 02:11	1
Chlorobenzene	ND		1.0	0.75	ug/L			09/23/23 02:11	1
Chlorodibromomethane	ND		1.0	0.32	ug/L			09/23/23 02:11	1
Chloroethane	ND		1.0	0.32	ug/L			09/23/23 02:11	1
Chloroform	ND		1.0	0.34	ug/L			09/23/23 02:11	1
Chloromethane	ND		1.0	0.35	ug/L			09/23/23 02:11	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			09/23/23 02:11	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			09/23/23 02:11	1
Cyclohexane	ND		1.0	0.18	ug/L			09/23/23 02:11	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			09/23/23 02:11	1
Ethylbenzene	ND		1.0	0.74	ug/L			09/23/23 02:11	1
Isopropylbenzene	ND		1.0	0.79	ug/L			09/23/23 02:11	1
Methyl acetate	ND		1.3	1.3	ug/L			09/23/23 02:11	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			09/23/23 02:11	1
Methylcyclohexane	ND		1.0	0.16	ug/L			09/23/23 02:11	1
Methylene Chloride	ND		1.0	0.44	ug/L			09/23/23 02:11	1
Styrene	ND		1.0	0.73	ug/L			09/23/23 02:11	1
Tetrachloroethene	ND		1.0	0.36	ug/L			09/23/23 02:11	1
Toluene	ND		1.0	0.51	ug/L			09/23/23 02:11	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			09/23/23 02:11	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			09/23/23 02:11	1
Trichloroethene	0.90	J	1.0	0.46	ug/L			09/23/23 02:11	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			09/23/23 02:11	1
Vinyl chloride	ND		1.0	0.90	ug/L			09/23/23 02:11	1
Xylenes, Total	ND		2.0	0.66	ug/L			09/23/23 02:11	1

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Client Sample Results

Client: Ramboll Americas Engineering Solutions
Project/Site: Forest Glen Monitoring

Job ID: 480-212926-1

Client Sample ID: MW7D 092023

Lab Sample ID: 480-212926-14

Date Collected: 09/20/23 09:12

Matrix: Water

Date Received: 09/20/23 11:00

<i>Surrogate</i>	<i>%Recovery</i>	<i>Qualifier</i>	<i>Limits</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Dil Fac</i>
1,2-Dichloroethane-d4 (Surr)	105		77 - 120		09/23/23 02:11	1
Toluene-d8 (Surr)	94		80 - 120		09/23/23 02:11	1
4-Bromofluorobenzene (Surr)	102		73 - 120		09/23/23 02:11	1
Dibromofluoromethane (Surr)	106		75 - 123		09/23/23 02:11	1

Client Sample Results

Client: Ramboll Americas Engineering Solutions
Project/Site: Forest Glen Monitoring

Job ID: 480-212926-1

Client Sample ID: TRIP BLANK

Lab Sample ID: 480-212926-15

Date Collected: 09/18/23 00:00

Matrix: Water

Date Received: 09/20/23 11:00

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			09/22/23 03:39	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			09/22/23 03:39	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			09/22/23 03:39	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			09/22/23 03:39	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			09/22/23 03:39	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			09/22/23 03:39	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			09/22/23 03:39	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			09/22/23 03:39	1
Ethylene Dibromide	ND		1.0	0.73	ug/L			09/22/23 03:39	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			09/22/23 03:39	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			09/22/23 03:39	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			09/22/23 03:39	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			09/22/23 03:39	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			09/22/23 03:39	1
2-Hexanone	ND		5.0	1.2	ug/L			09/22/23 03:39	1
2-Butanone (MEK)	ND		10	1.3	ug/L			09/22/23 03:39	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			09/22/23 03:39	1
Acetone	ND		10	3.0	ug/L			09/22/23 03:39	1
Benzene	ND		1.0	0.41	ug/L			09/22/23 03:39	1
Bromodichloromethane	ND		1.0	0.39	ug/L			09/22/23 03:39	1
Bromoform	ND		1.0	0.26	ug/L			09/22/23 03:39	1
Bromomethane	ND		1.0	0.69	ug/L			09/22/23 03:39	1
Carbon disulfide	ND		1.0	0.19	ug/L			09/22/23 03:39	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			09/22/23 03:39	1
Chlorobenzene	ND		1.0	0.75	ug/L			09/22/23 03:39	1
Chlorodibromomethane	ND		1.0	0.32	ug/L			09/22/23 03:39	1
Chloroethane	ND		1.0	0.32	ug/L			09/22/23 03:39	1
Chloroform	ND		1.0	0.34	ug/L			09/22/23 03:39	1
Chloromethane	ND		1.0	0.35	ug/L			09/22/23 03:39	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			09/22/23 03:39	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			09/22/23 03:39	1
Cyclohexane	ND		1.0	0.18	ug/L			09/22/23 03:39	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			09/22/23 03:39	1
Ethylbenzene	ND		1.0	0.74	ug/L			09/22/23 03:39	1
Isopropylbenzene	ND		1.0	0.79	ug/L			09/22/23 03:39	1
Methyl acetate	ND		1.3	1.3	ug/L			09/22/23 03:39	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			09/22/23 03:39	1
Methylcyclohexane	ND		1.0	0.16	ug/L			09/22/23 03:39	1
Methylene Chloride	0.48	J	1.0	0.44	ug/L			09/22/23 03:39	1
Styrene	ND		1.0	0.73	ug/L			09/22/23 03:39	1
Tetrachloroethene	ND		1.0	0.36	ug/L			09/22/23 03:39	1
Toluene	ND		1.0	0.51	ug/L			09/22/23 03:39	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			09/22/23 03:39	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			09/22/23 03:39	1
Trichloroethene	ND		1.0	0.46	ug/L			09/22/23 03:39	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			09/22/23 03:39	1
Vinyl chloride	ND		1.0	0.90	ug/L			09/22/23 03:39	1
Xylenes, Total	ND		2.0	0.66	ug/L			09/22/23 03:39	1

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Client Sample Results

Client: Ramboll Americas Engineering Solutions
Project/Site: Forest Glen Monitoring

Job ID: 480-212926-1

Client Sample ID: TRIP BLANK

Lab Sample ID: 480-212926-15

Date Collected: 09/18/23 00:00

Matrix: Water

Date Received: 09/20/23 11:00

<i>Surrogate</i>	<i>%Recovery</i>	<i>Qualifier</i>	<i>Limits</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Dil Fac</i>
1,2-Dichloroethane-d4 (Surr)	108		77 - 120		09/22/23 03:39	1
Toluene-d8 (Surr)	106		80 - 120		09/22/23 03:39	1
4-Bromofluorobenzene (Surr)	103		73 - 120		09/22/23 03:39	1
Dibromofluoromethane (Surr)	105		75 - 123		09/22/23 03:39	1

Surrogate Summary

Client: Ramboll Americas Engineering Solutions
Project/Site: Forest Glen Monitoring

Job ID: 480-212926-1

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

Matrix: Water

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)			
		DCA (77-120)	TOL (80-120)	BFB (73-120)	DBFM (75-123)
480-212926-1	DUP 091923	111	109	100	106
480-212926-2	MW7DD 091923	110	107	101	105
480-212926-3	MW8S 091923	107	106	99	104
480-212926-4	MW8D 091923	109	105	98	104
480-212926-4 MS	MW8D 091923	105	109	98	102
480-212926-4 MSD	MW8D 091923	106	107	97	104
480-212926-5	MW6DD 091923	110	107	93	104
480-212926-6	MW6S 091923	107	107	101	103
480-212926-7	MW10D 091923	109	105	97	105
480-212926-8	MW10S 091923	110	106	98	107
480-212926-9	MW5S 091923	110	106	99	105
480-212926-10	MW6D 091823	111	106	104	107
480-212926-11	MW5D 091823	109	105	99	104
480-212926-12	MW7S 092023	113	92	101	112
480-212926-13	MW8DD 092023	111	93	99	115
480-212926-14	MW7D 092023	105	94	102	106
480-212926-15	TRIP BLANK	108	106	103	105
LCS 480-684440/6	Lab Control Sample	103	105	102	103
LCS 480-684512/6	Lab Control Sample	108	109	97	105
LCS 480-684621/6	Lab Control Sample	108	97	102	116
MB 480-684440/8	Method Blank	105	104	108	103
MB 480-684512/8	Method Blank	109	106	97	105
MB 480-684621/8	Method Blank	108	95	103	111

Surrogate Legend

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

QC Sample Results

Client: Ramboll Americas Engineering Solutions
Project/Site: Forest Glen Monitoring

Job ID: 480-212926-1

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

Lab Sample ID: MB 480-684440/8

Matrix: Water

Analysis Batch: 684440

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			09/21/23 23:16	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			09/21/23 23:16	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			09/21/23 23:16	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			09/21/23 23:16	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			09/21/23 23:16	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			09/21/23 23:16	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			09/21/23 23:16	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			09/21/23 23:16	1
Ethylene Dibromide	ND		1.0	0.73	ug/L			09/21/23 23:16	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			09/21/23 23:16	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			09/21/23 23:16	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			09/21/23 23:16	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			09/21/23 23:16	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			09/21/23 23:16	1
2-Hexanone	ND		5.0	1.2	ug/L			09/21/23 23:16	1
2-Butanone (MEK)	ND		10	1.3	ug/L			09/21/23 23:16	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			09/21/23 23:16	1
Acetone	ND		10	3.0	ug/L			09/21/23 23:16	1
Benzene	ND		1.0	0.41	ug/L			09/21/23 23:16	1
Bromodichloromethane	ND		1.0	0.39	ug/L			09/21/23 23:16	1
Bromoform	ND		1.0	0.26	ug/L			09/21/23 23:16	1
Bromomethane	ND		1.0	0.69	ug/L			09/21/23 23:16	1
Carbon disulfide	ND		1.0	0.19	ug/L			09/21/23 23:16	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			09/21/23 23:16	1
Chlorobenzene	ND		1.0	0.75	ug/L			09/21/23 23:16	1
Chlorodibromomethane	ND		1.0	0.32	ug/L			09/21/23 23:16	1
Chloroethane	ND		1.0	0.32	ug/L			09/21/23 23:16	1
Chloroform	ND		1.0	0.34	ug/L			09/21/23 23:16	1
Chloromethane	ND		1.0	0.35	ug/L			09/21/23 23:16	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			09/21/23 23:16	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			09/21/23 23:16	1
Cyclohexane	ND		1.0	0.18	ug/L			09/21/23 23:16	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			09/21/23 23:16	1
Ethylbenzene	ND		1.0	0.74	ug/L			09/21/23 23:16	1
Isopropylbenzene	ND		1.0	0.79	ug/L			09/21/23 23:16	1
Methyl acetate	ND		1.3	1.3	ug/L			09/21/23 23:16	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			09/21/23 23:16	1
Methylcyclohexane	ND		1.0	0.16	ug/L			09/21/23 23:16	1
Methylene Chloride	ND		1.0	0.44	ug/L			09/21/23 23:16	1
Styrene	ND		1.0	0.73	ug/L			09/21/23 23:16	1
Tetrachloroethene	ND		1.0	0.36	ug/L			09/21/23 23:16	1
Toluene	ND		1.0	0.51	ug/L			09/21/23 23:16	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			09/21/23 23:16	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			09/21/23 23:16	1
Trichloroethene	ND		1.0	0.46	ug/L			09/21/23 23:16	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			09/21/23 23:16	1
Vinyl chloride	ND		1.0	0.90	ug/L			09/21/23 23:16	1
Xylenes, Total	ND		2.0	0.66	ug/L			09/21/23 23:16	1

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QC Sample Results

Client: Ramboll Americas Engineering Solutions
Project/Site: Forest Glen Monitoring

Job ID: 480-212926-1

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

Lab Sample ID: MB 480-684440/8

Matrix: Water

Analysis Batch: 684440

Client Sample ID: Method Blank

Prep Type: Total/NA

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	105		77 - 120		09/21/23 23:16	1
Toluene-d8 (Surr)	104		80 - 120		09/21/23 23:16	1
4-Bromofluorobenzene (Surr)	108		73 - 120		09/21/23 23:16	1
Dibromofluoromethane (Surr)	103		75 - 123		09/21/23 23:16	1

Lab Sample ID: LCS 480-684440/6

Matrix: Water

Analysis Batch: 684440

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1-Trichloroethane	25.0	26.0		ug/L		104	73 - 126
1,1,1,2,2-Tetrachloroethane	25.0	24.6		ug/L		98	76 - 120
1,1,1,2-Trichloroethane	25.0	24.7		ug/L		99	76 - 122
1,1,2-Trichloro-1,2,2-trifluoroethane	25.0	25.2		ug/L		101	61 - 148
1,1-Dichloroethane	25.0	24.4		ug/L		97	77 - 120
1,1-Dichloroethene	25.0	26.5		ug/L		106	66 - 127
1,2,4-Trichlorobenzene	25.0	22.2		ug/L		89	79 - 122
1,2-Dibromo-3-Chloropropane	25.0	25.5		ug/L		102	56 - 134
Ethylene Dibromide	25.0	25.0		ug/L		100	77 - 120
1,2-Dichlorobenzene	25.0	23.3		ug/L		93	80 - 124
1,2-Dichloroethane	25.0	23.0		ug/L		92	75 - 120
1,2-Dichloropropane	25.0	25.3		ug/L		101	76 - 120
1,3-Dichlorobenzene	25.0	23.8		ug/L		95	77 - 120
1,4-Dichlorobenzene	25.0	23.7		ug/L		95	80 - 120
2-Hexanone	125	141		ug/L		113	65 - 127
2-Butanone (MEK)	125	135		ug/L		108	57 - 140
4-Methyl-2-pentanone (MIBK)	125	129		ug/L		103	71 - 125
Acetone	125	125		ug/L		100	56 - 142
Benzene	25.0	24.8		ug/L		99	71 - 124
Bromodichloromethane	25.0	25.9		ug/L		104	80 - 122
Bromoform	25.0	28.9		ug/L		115	61 - 132
Bromomethane	25.0	23.7		ug/L		95	55 - 144
Carbon disulfide	25.0	26.0		ug/L		104	59 - 134
Carbon tetrachloride	25.0	27.7		ug/L		111	72 - 134
Chlorobenzene	25.0	23.9		ug/L		96	80 - 120
Chlorodibromomethane	25.0	26.8		ug/L		107	75 - 125
Chloroethane	25.0	22.1		ug/L		88	69 - 136
Chloroform	25.0	23.3		ug/L		93	73 - 127
Chloromethane	25.0	19.8		ug/L		79	68 - 124
cis-1,2-Dichloroethene	25.0	24.6		ug/L		99	74 - 124
cis-1,3-Dichloropropene	25.0	26.1		ug/L		104	74 - 124
Cyclohexane	25.0	25.8		ug/L		103	59 - 135
Dichlorodifluoromethane	25.0	17.4		ug/L		70	59 - 135
Ethylbenzene	25.0	25.1		ug/L		100	77 - 123
Isopropylbenzene	25.0	24.0		ug/L		96	77 - 122
Methyl acetate	50.0	51.0		ug/L		102	74 - 133
Methyl tert-butyl ether	25.0	23.3		ug/L		93	77 - 120
Methylcyclohexane	25.0	24.8		ug/L		99	68 - 134

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QC Sample Results

Client: Ramboll Americas Engineering Solutions
Project/Site: Forest Glen Monitoring

Job ID: 480-212926-1

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

Lab Sample ID: LCS 480-684440/6

Matrix: Water

Analysis Batch: 684440

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	24.6		ug/L		99	80 - 120
Tetrachloroethene	25.0	24.1		ug/L		96	74 - 122
Toluene	25.0	24.4		ug/L		98	80 - 122
trans-1,2-Dichloroethene	25.0	25.0		ug/L		100	73 - 127
trans-1,3-Dichloropropene	25.0	25.7		ug/L		103	80 - 120
Trichloroethene	25.0	25.0		ug/L		100	74 - 123
Trichlorofluoromethane	25.0	25.0		ug/L		100	62 - 150
Vinyl chloride	25.0	22.6		ug/L		90	65 - 133

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	103		77 - 120
Toluene-d8 (Surr)	105		80 - 120
4-Bromofluorobenzene (Surr)	102		73 - 120
Dibromofluoromethane (Surr)	103		75 - 123

Lab Sample ID: MB 480-684512/8

Matrix: Water

Analysis Batch: 684512

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			09/22/23 03:50	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			09/22/23 03:50	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			09/22/23 03:50	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			09/22/23 03:50	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			09/22/23 03:50	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			09/22/23 03:50	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			09/22/23 03:50	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			09/22/23 03:50	1
Ethylene Dibromide	ND		1.0	0.73	ug/L			09/22/23 03:50	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			09/22/23 03:50	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			09/22/23 03:50	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			09/22/23 03:50	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			09/22/23 03:50	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			09/22/23 03:50	1
2-Hexanone	ND		5.0	1.2	ug/L			09/22/23 03:50	1
2-Butanone (MEK)	ND		10	1.3	ug/L			09/22/23 03:50	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			09/22/23 03:50	1
Acetone	ND		10	3.0	ug/L			09/22/23 03:50	1
Benzene	ND		1.0	0.41	ug/L			09/22/23 03:50	1
Bromodichloromethane	ND		1.0	0.39	ug/L			09/22/23 03:50	1
Bromoform	ND		1.0	0.26	ug/L			09/22/23 03:50	1
Bromomethane	ND		1.0	0.69	ug/L			09/22/23 03:50	1
Carbon disulfide	ND		1.0	0.19	ug/L			09/22/23 03:50	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			09/22/23 03:50	1
Chlorobenzene	ND		1.0	0.75	ug/L			09/22/23 03:50	1
Chlorodibromomethane	ND		1.0	0.32	ug/L			09/22/23 03:50	1
Chloroethane	ND		1.0	0.32	ug/L			09/22/23 03:50	1

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QC Sample Results

Client: Ramboll Americas Engineering Solutions
Project/Site: Forest Glen Monitoring

Job ID: 480-212926-1

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

Lab Sample ID: MB 480-684512/8

Matrix: Water

Analysis Batch: 684512

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			09/22/23 03:50	1
Chloromethane	ND		1.0	0.35	ug/L			09/22/23 03:50	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			09/22/23 03:50	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			09/22/23 03:50	1
Cyclohexane	ND		1.0	0.18	ug/L			09/22/23 03:50	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			09/22/23 03:50	1
Ethylbenzene	ND		1.0	0.74	ug/L			09/22/23 03:50	1
Isopropylbenzene	ND		1.0	0.79	ug/L			09/22/23 03:50	1
Methyl acetate	ND		1.3	1.3	ug/L			09/22/23 03:50	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			09/22/23 03:50	1
Methylcyclohexane	ND		1.0	0.16	ug/L			09/22/23 03:50	1
Methylene Chloride	ND		1.0	0.44	ug/L			09/22/23 03:50	1
Styrene	ND		1.0	0.73	ug/L			09/22/23 03:50	1
Tetrachloroethene	ND		1.0	0.36	ug/L			09/22/23 03:50	1
Toluene	ND		1.0	0.51	ug/L			09/22/23 03:50	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			09/22/23 03:50	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			09/22/23 03:50	1
Trichloroethene	ND		1.0	0.46	ug/L			09/22/23 03:50	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			09/22/23 03:50	1
Vinyl chloride	ND		1.0	0.90	ug/L			09/22/23 03:50	1
Xylenes, Total	ND		2.0	0.66	ug/L			09/22/23 03:50	1
Surrogate	MB %Recovery	MB Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	109		77 - 120					09/22/23 03:50	1
Toluene-d8 (Surr)	106		80 - 120					09/22/23 03:50	1
4-Bromofluorobenzene (Surr)	97		73 - 120					09/22/23 03:50	1
Dibromofluoromethane (Surr)	105		75 - 123					09/22/23 03:50	1

Lab Sample ID: LCS 480-684512/6

Matrix: Water

Analysis Batch: 684512

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1-Trichloroethane	25.0	26.9		ug/L		108	73 - 126
1,1,2,2-Tetrachloroethane	25.0	27.2		ug/L		109	76 - 120
1,1,2-Trichloroethane	25.0	26.1		ug/L		104	76 - 122
1,1,2-Trichloro-1,2,2-trifluoroethane	25.0	27.5		ug/L		110	61 - 148
1,1-Dichloroethane	25.0	26.0		ug/L		104	77 - 120
1,1-Dichloroethene	25.0	25.5		ug/L		102	66 - 127
1,2,4-Trichlorobenzene	25.0	25.8		ug/L		103	79 - 122
1,2-Dibromo-3-Chloropropane	25.0	29.5		ug/L		118	56 - 134
Ethylene Dibromide	25.0	27.2		ug/L		109	77 - 120
1,2-Dichlorobenzene	25.0	26.5		ug/L		106	80 - 124
1,2-Dichloroethane	25.0	26.3		ug/L		105	75 - 120
1,2-Dichloropropane	25.0	26.3		ug/L		105	76 - 120
1,3-Dichlorobenzene	25.0	26.6		ug/L		106	77 - 120
1,4-Dichlorobenzene	25.0	26.1		ug/L		104	80 - 120
2-Hexanone	125	150		ug/L		120	65 - 127

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QC Sample Results

Client: Ramboll Americas Engineering Solutions
Project/Site: Forest Glen Monitoring

Job ID: 480-212926-1

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

Lab Sample ID: LCS 480-684512/6

Matrix: Water

Analysis Batch: 684512

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	139		ug/L		111	71 - 125
Acetone	125	179	*+	ug/L		143	56 - 142
Benzene	25.0	25.9		ug/L		104	71 - 124
Bromodichloromethane	25.0	27.6		ug/L		111	80 - 122
Bromoform	25.0	26.4		ug/L		106	61 - 132
Bromomethane	25.0	23.9		ug/L		96	55 - 144
Carbon disulfide	25.0	25.2		ug/L		101	59 - 134
Carbon tetrachloride	25.0	27.0		ug/L		108	72 - 134
Chlorobenzene	25.0	26.1		ug/L		104	80 - 120
Chlorodibromomethane	25.0	28.1		ug/L		112	75 - 125
Chloroethane	25.0	23.5		ug/L		94	69 - 136
Chloroform	25.0	26.0		ug/L		104	73 - 127
Chloromethane	25.0	23.4		ug/L		93	68 - 124
cis-1,2-Dichloroethene	25.0	26.0		ug/L		104	74 - 124
cis-1,3-Dichloropropene	25.0	25.7		ug/L		103	74 - 124
Cyclohexane	25.0	27.2		ug/L		109	59 - 135
Dichlorodifluoromethane	25.0	22.7		ug/L		91	59 - 135
Ethylbenzene	25.0	26.7		ug/L		107	77 - 123
Isopropylbenzene	25.0	28.4		ug/L		114	77 - 122
Methyl acetate	50.0	50.9		ug/L		102	74 - 133
Methyl tert-butyl ether	25.0	25.2		ug/L		101	77 - 120
Methylcyclohexane	25.0	26.9		ug/L		108	68 - 134
Methylene Chloride	25.0	25.8		ug/L		103	75 - 124
Styrene	25.0	25.3		ug/L		101	80 - 120
Tetrachloroethene	25.0	26.4		ug/L		105	74 - 122
Toluene	25.0	26.7		ug/L		107	80 - 122
trans-1,2-Dichloroethene	25.0	24.6		ug/L		98	73 - 127
trans-1,3-Dichloropropene	25.0	27.3		ug/L		109	80 - 120
Trichloroethene	25.0	25.6		ug/L		103	74 - 123
Trichlorofluoromethane	25.0	24.8		ug/L		99	62 - 150
Vinyl chloride	25.0	25.5		ug/L		102	65 - 133

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	108		77 - 120
Toluene-d8 (Surr)	109		80 - 120
4-Bromofluorobenzene (Surr)	97		73 - 120
Dibromofluoromethane (Surr)	105		75 - 123

Lab Sample ID: 480-212926-4 MS

Matrix: Water

Analysis Batch: 684512

Client Sample ID: MW8D 091923

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	28.9		ug/L		116	73 - 126
1,1,1,2,2-Tetrachloroethane	ND		25.0	31.1	F1	ug/L		124	76 - 120
1,1,2-Trichloroethane	ND		25.0	29.6		ug/L		118	76 - 122
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		25.0	26.8		ug/L		107	61 - 148

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QC Sample Results

Client: Ramboll Americas Engineering Solutions
Project/Site: Forest Glen Monitoring

Job ID: 480-212926-1

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

Lab Sample ID: 480-212926-4 MS

Matrix: Water

Analysis Batch: 684512

Client Sample ID: MW8D 091923

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
1,1-Dichloroethane	0.61	J	25.0	29.3		ug/L		115	77 - 120
1,1-Dichloroethene	ND		25.0	27.8		ug/L		111	66 - 127
1,2,4-Trichlorobenzene	ND		25.0	29.9		ug/L		119	79 - 122
1,2-Dibromo-3-Chloropropane	ND		25.0	33.7	F1	ug/L		135	56 - 134
Ethylene Dibromide	ND		25.0	30.7	F1	ug/L		123	77 - 120
1,2-Dichlorobenzene	ND		25.0	31.2	F1	ug/L		125	80 - 124
1,2-Dichloroethane	ND		25.0	28.6		ug/L		114	75 - 120
1,2-Dichloropropane	ND		25.0	27.8		ug/L		111	76 - 120
1,3-Dichlorobenzene	ND		25.0	30.9	F1	ug/L		123	77 - 120
1,4-Dichlorobenzene	ND		25.0	30.4		ug/L		122	78 - 124
2-Hexanone	ND		125	162	F1	ug/L		130	65 - 127
2-Butanone (MEK)	ND		125	155		ug/L		124	57 - 140
4-Methyl-2-pentanone (MIBK)	ND		125	154		ug/L		123	71 - 125
Acetone	ND	++	125	169		ug/L		135	56 - 142
Benzene	ND		25.0	28.4		ug/L		114	71 - 124
Bromodichloromethane	ND		25.0	29.4		ug/L		118	80 - 122
Bromoform	ND		25.0	27.0		ug/L		108	61 - 132
Bromomethane	ND		25.0	25.1		ug/L		100	55 - 144
Carbon disulfide	ND		25.0	26.1		ug/L		104	59 - 134
Carbon tetrachloride	ND		25.0	27.2		ug/L		109	72 - 134
Chlorobenzene	ND		25.0	30.3	F1	ug/L		121	80 - 120
Chlorodibromomethane	ND		25.0	30.8		ug/L		123	75 - 125
Chloroethane	ND		25.0	25.5		ug/L		102	69 - 136
Chloroform	ND		25.0	28.1		ug/L		112	73 - 127
Chloromethane	ND		25.0	25.1		ug/L		101	68 - 124
cis-1,2-Dichloroethene	ND		25.0	27.9		ug/L		112	74 - 124
cis-1,3-Dichloropropene	ND		25.0	26.1		ug/L		104	74 - 124
Cyclohexane	ND		25.0	27.2		ug/L		109	59 - 135
Dichlorodifluoromethane	ND		25.0	21.9		ug/L		88	59 - 135
Ethylbenzene	ND		25.0	30.8		ug/L		123	77 - 123
Isopropylbenzene	ND		25.0	33.4	F1	ug/L		134	77 - 122
Methyl acetate	ND		50.0	50.4		ug/L		101	74 - 133
Methyl tert-butyl ether	0.19	J	25.0	26.6		ug/L		106	77 - 120
Methylcyclohexane	ND		25.0	26.7		ug/L		107	68 - 134
Methylene Chloride	ND		25.0	27.1		ug/L		108	75 - 124
Styrene	ND		25.0	28.8		ug/L		115	80 - 120
Tetrachloroethene	ND		25.0	31.0	F1	ug/L		124	74 - 122
Toluene	ND		25.0	30.9	F1	ug/L		124	80 - 122
trans-1,2-Dichloroethene	ND		25.0	27.2		ug/L		109	73 - 127
trans-1,3-Dichloropropene	ND		25.0	28.6		ug/L		114	80 - 120
Trichloroethene	ND		25.0	28.8		ug/L		115	74 - 123
Trichlorofluoromethane	ND		25.0	25.8		ug/L		103	62 - 150
Vinyl chloride	ND		25.0	27.4		ug/L		110	65 - 133

Surrogate	MS %Recovery	MS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	105		77 - 120
Toluene-d8 (Surr)	109		80 - 120
4-Bromofluorobenzene (Surr)	98		73 - 120

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QC Sample Results

Client: Ramboll Americas Engineering Solutions
Project/Site: Forest Glen Monitoring

Job ID: 480-212926-1

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

Lab Sample ID: 480-212926-4 MS

Matrix: Water

Analysis Batch: 684512

Client Sample ID: MW8D 091923

Prep Type: Total/NA

Surrogate	MS %Recovery	MS Qualifier	Limits
Dibromofluoromethane (Surr)	102		75 - 123

Lab Sample ID: 480-212926-4 MSD

Matrix: Water

Analysis Batch: 684512

Client Sample ID: MW8D 091923

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	30.4		ug/L		122	73 - 126	5	15
1,1,2,2-Tetrachloroethane	ND		25.0	30.5	F1	ug/L		122	76 - 120	2	15
1,1,2-Trichloroethane	ND		25.0	29.6		ug/L		118	76 - 122	0	15
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		25.0	25.3		ug/L		101	61 - 148	6	20
1,1-Dichloroethane	0.61	J	25.0	30.3		ug/L		119	77 - 120	4	20
1,1-Dichloroethene	ND		25.0	28.8		ug/L		115	66 - 127	3	16
1,2,4-Trichlorobenzene	ND		25.0	29.8		ug/L		119	79 - 122	0	20
1,2-Dibromo-3-Chloropropane	ND		25.0	33.7	F1	ug/L		135	56 - 134	0	15
Ethylene Dibromide	ND		25.0	29.3		ug/L		117	77 - 120	4	15
1,2-Dichlorobenzene	ND		25.0	30.5		ug/L		122	80 - 124	2	20
1,2-Dichloroethane	ND		25.0	28.8		ug/L		115	75 - 120	1	20
1,2-Dichloropropane	ND		25.0	28.6		ug/L		114	76 - 120	3	20
1,3-Dichlorobenzene	ND		25.0	30.6	F1	ug/L		123	77 - 120	1	20
1,4-Dichlorobenzene	ND		25.0	29.7		ug/L		119	78 - 124	2	20
2-Hexanone	ND		125	149		ug/L		119	65 - 127	8	15
2-Butanone (MEK)	ND		125	159		ug/L		127	57 - 140	2	20
4-Methyl-2-pentanone (MIBK)	ND		125	149		ug/L		119	71 - 125	3	35
Acetone	ND	*+	125	177		ug/L		142	56 - 142	5	15
Benzene	ND		25.0	29.2		ug/L		117	71 - 124	3	13
Bromodichloromethane	ND		25.0	29.8		ug/L		119	80 - 122	1	15
Bromoform	ND		25.0	27.6		ug/L		110	61 - 132	2	15
Bromomethane	ND		25.0	26.7		ug/L		107	55 - 144	6	15
Carbon disulfide	ND		25.0	27.5		ug/L		110	59 - 134	5	15
Carbon tetrachloride	ND		25.0	28.9		ug/L		116	72 - 134	6	15
Chlorobenzene	ND		25.0	28.7		ug/L		115	80 - 120	5	25
Chlorodibromomethane	ND		25.0	30.6		ug/L		122	75 - 125	1	15
Chloroethane	ND		25.0	26.8		ug/L		107	69 - 136	5	15
Chloroform	ND		25.0	28.9		ug/L		116	73 - 127	3	20
Chloromethane	ND		25.0	28.7		ug/L		115	68 - 124	13	15
cis-1,2-Dichloroethene	ND		25.0	28.5		ug/L		114	74 - 124	2	15
cis-1,3-Dichloropropene	ND		25.0	26.2		ug/L		105	74 - 124	1	15
Cyclohexane	ND		25.0	27.0		ug/L		108	59 - 135	1	20
Dichlorodifluoromethane	ND		25.0	19.3		ug/L		77	59 - 135	13	20
Ethylbenzene	ND		25.0	30.3		ug/L		121	77 - 123	2	15
Isopropylbenzene	ND		25.0	33.1	F1	ug/L		132	77 - 122	1	20
Methyl acetate	ND		50.0	52.9		ug/L		106	74 - 133	5	20
Methyl tert-butyl ether	0.19	J	25.0	27.3		ug/L		109	77 - 120	3	37
Methylcyclohexane	ND		25.0	26.0		ug/L		104	68 - 134	3	20
Methylene Chloride	ND		25.0	28.0		ug/L		112	75 - 124	4	15
Styrene	ND		25.0	27.3		ug/L		109	80 - 120	5	20
Tetrachloroethene	ND		25.0	29.3		ug/L		117	74 - 122	6	20

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QC Sample Results

Client: Ramboll Americas Engineering Solutions
Project/Site: Forest Glen Monitoring

Job ID: 480-212926-1

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

Lab Sample ID: 480-212926-4 MSD

Matrix: Water

Analysis Batch: 684512

Client Sample ID: MW8D 091923

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Toluene	ND		25.0	29.6		ug/L		118	80 - 122	4	15
trans-1,2-Dichloroethene	ND		25.0	28.0		ug/L		112	73 - 127	3	20
trans-1,3-Dichloropropene	ND		25.0	27.7		ug/L		111	80 - 120	3	15
Trichloroethene	ND		25.0	28.9		ug/L		116	74 - 123	0	16
Trichlorofluoromethane	ND		25.0	26.7		ug/L		107	62 - 150	4	20
Vinyl chloride	ND		25.0	29.7		ug/L		119	65 - 133	8	15

Surrogate	MSD %Recovery	MSD Qualifier	MSD Limits
1,2-Dichloroethane-d4 (Surr)	106		77 - 120
Toluene-d8 (Surr)	107		80 - 120
4-Bromofluorobenzene (Surr)	97		73 - 120
Dibromofluoromethane (Surr)	104		75 - 123

Lab Sample ID: MB 480-684621/8

Matrix: Water

Analysis Batch: 684621

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			09/22/23 22:54	1
1,1,1,2-Tetrachloroethane	ND		1.0	0.21	ug/L			09/22/23 22:54	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			09/22/23 22:54	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			09/22/23 22:54	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			09/22/23 22:54	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			09/22/23 22:54	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			09/22/23 22:54	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			09/22/23 22:54	1
Ethylene Dibromide	ND		1.0	0.73	ug/L			09/22/23 22:54	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			09/22/23 22:54	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			09/22/23 22:54	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			09/22/23 22:54	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			09/22/23 22:54	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			09/22/23 22:54	1
2-Hexanone	ND		5.0	1.2	ug/L			09/22/23 22:54	1
2-Butanone (MEK)	ND		10	1.3	ug/L			09/22/23 22:54	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			09/22/23 22:54	1
Acetone	ND		10	3.0	ug/L			09/22/23 22:54	1
Benzene	ND		1.0	0.41	ug/L			09/22/23 22:54	1
Bromodichloromethane	ND		1.0	0.39	ug/L			09/22/23 22:54	1
Bromoform	ND		1.0	0.26	ug/L			09/22/23 22:54	1
Bromomethane	ND		1.0	0.69	ug/L			09/22/23 22:54	1
Carbon disulfide	ND		1.0	0.19	ug/L			09/22/23 22:54	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			09/22/23 22:54	1
Chlorobenzene	ND		1.0	0.75	ug/L			09/22/23 22:54	1
Chlorodibromomethane	ND		1.0	0.32	ug/L			09/22/23 22:54	1
Chloroethane	ND		1.0	0.32	ug/L			09/22/23 22:54	1
Chloroform	ND		1.0	0.34	ug/L			09/22/23 22:54	1
Chloromethane	ND		1.0	0.35	ug/L			09/22/23 22:54	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			09/22/23 22:54	1

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QC Sample Results

Client: Ramboll Americas Engineering Solutions
Project/Site: Forest Glen Monitoring

Job ID: 480-212926-1

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

Lab Sample ID: MB 480-684621/8

Matrix: Water

Analysis Batch: 684621

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			09/22/23 22:54	1
Cyclohexane	ND		1.0	0.18	ug/L			09/22/23 22:54	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			09/22/23 22:54	1
Ethylbenzene	ND		1.0	0.74	ug/L			09/22/23 22:54	1
Isopropylbenzene	ND		1.0	0.79	ug/L			09/22/23 22:54	1
Methyl acetate	ND		1.3	1.3	ug/L			09/22/23 22:54	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			09/22/23 22:54	1
Methylcyclohexane	ND		1.0	0.16	ug/L			09/22/23 22:54	1
Methylene Chloride	ND		1.0	0.44	ug/L			09/22/23 22:54	1
Styrene	ND		1.0	0.73	ug/L			09/22/23 22:54	1
Tetrachloroethene	ND		1.0	0.36	ug/L			09/22/23 22:54	1
Toluene	ND		1.0	0.51	ug/L			09/22/23 22:54	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			09/22/23 22:54	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			09/22/23 22:54	1
Trichloroethene	ND		1.0	0.46	ug/L			09/22/23 22:54	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			09/22/23 22:54	1
Vinyl chloride	ND		1.0	0.90	ug/L			09/22/23 22:54	1
Xylenes, Total	ND		2.0	0.66	ug/L			09/22/23 22:54	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	108		77 - 120		09/22/23 22:54	1
Toluene-d8 (Surr)	95		80 - 120		09/22/23 22:54	1
4-Bromofluorobenzene (Surr)	103		73 - 120		09/22/23 22:54	1
Dibromofluoromethane (Surr)	111		75 - 123		09/22/23 22:54	1

Lab Sample ID: LCS 480-684621/6

Matrix: Water

Analysis Batch: 684621

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1-Trichloroethane	25.0	27.4		ug/L		110	73 - 126
1,1,2,2-Tetrachloroethane	25.0	23.7		ug/L		95	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	26.9		ug/L		108	61 - 148
1,1-Dichloroethane	25.0	25.6		ug/L		102	77 - 120
1,1-Dichloroethene	25.0	24.9		ug/L		99	66 - 127
1,2,4-Trichlorobenzene	25.0	24.2		ug/L		97	79 - 122
1,2-Dibromo-3-Chloropropane	25.0	23.6		ug/L		94	56 - 134
Ethylene Dibromide	25.0	24.0		ug/L		96	77 - 120
1,2-Dichlorobenzene	25.0	25.3		ug/L		101	80 - 124
1,2-Dichloroethane	25.0	26.8		ug/L		107	75 - 120
1,2-Dichloropropane	25.0	24.9		ug/L		100	76 - 120
1,3-Dichlorobenzene	25.0	24.0		ug/L		96	77 - 120
1,4-Dichlorobenzene	25.0	23.9		ug/L		96	80 - 120
2-Hexanone	125	125		ug/L		100	65 - 127
2-Butanone (MEK)	125	129		ug/L		103	57 - 140
4-Methyl-2-pentanone (MIBK)	125	128		ug/L		103	71 - 125
Acetone	125	119		ug/L		95	56 - 142

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QC Sample Results

Client: Ramboll Americas Engineering Solutions
Project/Site: Forest Glen Monitoring

Job ID: 480-212926-1

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

Lab Sample ID: LCS 480-684621/6

Matrix: Water

Analysis Batch: 684621

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	25.0	25.1		ug/L		100	71 - 124
Bromodichloromethane	25.0	25.6		ug/L		102	80 - 122
Bromoform	25.0	24.0		ug/L		96	61 - 132
Bromomethane	25.0	23.5		ug/L		94	55 - 144
Carbon disulfide	25.0	23.6		ug/L		94	59 - 134
Carbon tetrachloride	25.0	28.8		ug/L		115	72 - 134
Chlorobenzene	25.0	24.3		ug/L		97	80 - 120
Chlorodibromomethane	25.0	25.5		ug/L		102	75 - 125
Chloroethane	25.0	22.0		ug/L		88	69 - 136
Chloroform	25.0	26.7		ug/L		107	73 - 127
Chloromethane	25.0	27.2		ug/L		109	68 - 124
cis-1,2-Dichloroethene	25.0	26.6		ug/L		106	74 - 124
cis-1,3-Dichloropropene	25.0	23.9		ug/L		96	74 - 124
Cyclohexane	25.0	26.5		ug/L		106	59 - 135
Dichlorodifluoromethane	25.0	32.4		ug/L		130	59 - 135
Ethylbenzene	25.0	23.2		ug/L		93	77 - 123
Isopropylbenzene	25.0	24.2		ug/L		97	77 - 122
Methyl acetate	50.0	49.6		ug/L		99	74 - 133
Methyl tert-butyl ether	25.0	26.4		ug/L		105	77 - 120
Methylcyclohexane	25.0	25.9		ug/L		104	68 - 134
Methylene Chloride	25.0	29.1		ug/L		116	75 - 124
Styrene	25.0	23.6		ug/L		94	80 - 120
Tetrachloroethene	25.0	26.6		ug/L		106	74 - 122
Toluene	25.0	24.1		ug/L		96	80 - 122
trans-1,2-Dichloroethene	25.0	26.4		ug/L		105	73 - 127
trans-1,3-Dichloropropene	25.0	22.1		ug/L		88	80 - 120
Trichloroethene	25.0	25.2		ug/L		101	74 - 123
Trichlorofluoromethane	25.0	30.8		ug/L		123	62 - 150
Vinyl chloride	25.0	26.9		ug/L		108	65 - 133

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	108		77 - 120
Toluene-d8 (Surr)	97		80 - 120
4-Bromofluorobenzene (Surr)	102		73 - 120
Dibromofluoromethane (Surr)	116		75 - 123

QC Association Summary

Client: Ramboll Americas Engineering Solutions
Project/Site: Forest Glen Monitoring

Job ID: 480-212926-1

GC/MS VOA

Analysis Batch: 684440

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-212926-10	MW6D 091823	Total/NA	Water	8260C	
480-212926-11	MW5D 091823	Total/NA	Water	8260C	
480-212926-15	TRIP BLANK	Total/NA	Water	8260C	
MB 480-684440/8	Method Blank	Total/NA	Water	8260C	
LCS 480-684440/6	Lab Control Sample	Total/NA	Water	8260C	

Analysis Batch: 684512

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-212926-1	DUP 091923	Total/NA	Water	8260C	
480-212926-2	MW7DD 091923	Total/NA	Water	8260C	
480-212926-3	MW8S 091923	Total/NA	Water	8260C	
480-212926-4	MW8D 091923	Total/NA	Water	8260C	
480-212926-5	MW6DD 091923	Total/NA	Water	8260C	
480-212926-6	MW6S 091923	Total/NA	Water	8260C	
480-212926-7	MW10D 091923	Total/NA	Water	8260C	
480-212926-8	MW10S 091923	Total/NA	Water	8260C	
480-212926-9	MW5S 091923	Total/NA	Water	8260C	
MB 480-684512/8	Method Blank	Total/NA	Water	8260C	
LCS 480-684512/6	Lab Control Sample	Total/NA	Water	8260C	
480-212926-4 MS	MW8D 091923	Total/NA	Water	8260C	
480-212926-4 MSD	MW8D 091923	Total/NA	Water	8260C	

Analysis Batch: 684621

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-212926-12	MW7S 092023	Total/NA	Water	8260C	
480-212926-13	MW8DD 092023	Total/NA	Water	8260C	
480-212926-14	MW7D 092023	Total/NA	Water	8260C	
MB 480-684621/8	Method Blank	Total/NA	Water	8260C	
LCS 480-684621/6	Lab Control Sample	Total/NA	Water	8260C	

Lab Chronicle

Client: Ramboll Americas Engineering Solutions
Project/Site: Forest Glen Monitoring

Job ID: 480-212926-1

Client Sample ID: DUP 091923

Lab Sample ID: 480-212926-1

Date Collected: 09/19/23 00:00

Matrix: Water

Date Received: 09/20/23 11:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		1	684512	AXK	EET BUF	09/22/23 04:12

Client Sample ID: MW7DD 091923

Lab Sample ID: 480-212926-2

Date Collected: 09/19/23 15:20

Matrix: Water

Date Received: 09/20/23 11:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		1	684512	AXK	EET BUF	09/22/23 04:36

Client Sample ID: MW8S 091923

Lab Sample ID: 480-212926-3

Date Collected: 09/19/23 14:15

Matrix: Water

Date Received: 09/20/23 11:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		1	684512	AXK	EET BUF	09/22/23 04:59

Client Sample ID: MW8D 091923

Lab Sample ID: 480-212926-4

Date Collected: 09/19/23 12:55

Matrix: Water

Date Received: 09/20/23 11:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		1	684512	AXK	EET BUF	09/22/23 05:23

Client Sample ID: MW6DD 091923

Lab Sample ID: 480-212926-5

Date Collected: 09/19/23 13:35

Matrix: Water

Date Received: 09/20/23 11:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		1	684512	AXK	EET BUF	09/22/23 05:46

Client Sample ID: MW6S 091923

Lab Sample ID: 480-212926-6

Date Collected: 09/19/23 11:55

Matrix: Water

Date Received: 09/20/23 11:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		1	684512	AXK	EET BUF	09/22/23 06:09

Client Sample ID: MW10D 091923

Lab Sample ID: 480-212926-7

Date Collected: 09/19/23 11:12

Matrix: Water

Date Received: 09/20/23 11:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		1	684512	AXK	EET BUF	09/22/23 06:33

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Lab Chronicle

Client: Ramboll Americas Engineering Solutions
Project/Site: Forest Glen Monitoring

Job ID: 480-212926-1

Client Sample ID: MW10S 091923

Lab Sample ID: 480-212926-8

Date Collected: 09/19/23 10:20

Matrix: Water

Date Received: 09/20/23 11:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		1	684512	AXK	EET BUF	09/22/23 06:56

Client Sample ID: MW5S 091923

Lab Sample ID: 480-212926-9

Date Collected: 09/19/23 09:45

Matrix: Water

Date Received: 09/20/23 11:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		1	684512	AXK	EET BUF	09/22/23 07:19

Client Sample ID: MW6D 091823

Lab Sample ID: 480-212926-10

Date Collected: 09/18/23 15:05

Matrix: Water

Date Received: 09/20/23 11:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		1	684440	ZN	EET BUF	09/22/23 02:56

Client Sample ID: MW5D 091823

Lab Sample ID: 480-212926-11

Date Collected: 09/18/23 15:30

Matrix: Water

Date Received: 09/20/23 11:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		1	684440	ZN	EET BUF	09/22/23 03:17

Client Sample ID: MW7S 092023

Lab Sample ID: 480-212926-12

Date Collected: 09/20/23 08:27

Matrix: Water

Date Received: 09/20/23 11:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		2	684621	AXK	EET BUF	09/23/23 01:28

Client Sample ID: MW8DD 092023

Lab Sample ID: 480-212926-13

Date Collected: 09/20/23 08:35

Matrix: Water

Date Received: 09/20/23 11:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		1	684621	AXK	EET BUF	09/23/23 01:50

Client Sample ID: MW7D 092023

Lab Sample ID: 480-212926-14

Date Collected: 09/20/23 09:12

Matrix: Water

Date Received: 09/20/23 11:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		1	684621	AXK	EET BUF	09/23/23 02:11

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Lab Chronicle

Client: Ramboll Americas Engineering Solutions
Project/Site: Forest Glen Monitoring

Job ID: 480-212926-1

Client Sample ID: TRIP BLANK

Lab Sample ID: 480-212926-15

Date Collected: 09/18/23 00:00

Matrix: Water

Date Received: 09/20/23 11:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		1	684440	ZN	EET BUF	09/22/23 03:39

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

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Accreditation/Certification Summary

Client: Ramboll Americas Engineering Solutions
Project/Site: Forest Glen Monitoring

Job ID: 480-212926-1

Laboratory: Eurofins Buffalo

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

Authority	Program	Identification Number	Expiration Date
New York	NELAP	10026	03-31-24

- 1
- 2
- 3
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- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14
- 15
- 16

Method Summary

Client: Ramboll Americas Engineering Solutions
Project/Site: Forest Glen Monitoring

Job ID: 480-212926-1

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: Ramboll Americas Engineering Solutions
Project/Site: Forest Glen Monitoring

Job ID: 480-212926-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
480-212926-1	DUP 091923	Water	09/19/23 00:00	09/20/23 11:00
480-212926-2	MW7DD 091923	Water	09/19/23 15:20	09/20/23 11:00
480-212926-3	MW8S 091923	Water	09/19/23 14:15	09/20/23 11:00
480-212926-4	MW8D 091923	Water	09/19/23 12:55	09/20/23 11:00
480-212926-5	MW6DD 091923	Water	09/19/23 13:35	09/20/23 11:00
480-212926-6	MW6S 091923	Water	09/19/23 11:55	09/20/23 11:00
480-212926-7	MW10D 091923	Water	09/19/23 11:12	09/20/23 11:00
480-212926-8	MW10S 091923	Water	09/19/23 10:20	09/20/23 11:00
480-212926-9	MW5S 091923	Water	09/19/23 09:45	09/20/23 11:00
480-212926-10	MW6D 091823	Water	09/18/23 15:05	09/20/23 11:00
480-212926-11	MW5D 091823	Water	09/18/23 15:30	09/20/23 11:00
480-212926-12	MW7S 092023	Water	09/20/23 08:27	09/20/23 11:00
480-212926-13	MW8DD 092023	Water	09/20/23 08:35	09/20/23 11:00
480-212926-14	MW7D 092023	Water	09/20/23 09:12	09/20/23 11:00
480-212926-15	TRIP BLANK	Water	09/18/23 00:00	09/20/23 11:00

Quantitation Limit Exceptions Summary

Client: Ramboll Americas Engineering Solutions
Project/Site: Forest Glen Monitoring

Job ID: 480-212926-1

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

Chain of Custody Record



Environment Testing

Client Information		Lab PM		Carrier Tracking No(s)		COC No			
Client Contact:		Schove, John R				480-188550-26531.1			
Mr. Yuri Veliz		E-Mail:		State of Origin:		Page: 1 of 2			
Company:		John.Schove@et.eurofins.com				Job #:			
Ramboll US Corporation		PWSID:							
Address:		Due Date Requested:							
94 New Karner Rd Suite 106		TAT Requested (days):							
City:		STANDARD							
State, Zip:		Compliance Project: Δ Yes Δ No							
NY, 12203		PO #:							
Phone:		1950005510							
Email:		WO #:							
Yuri.Veliz@ramboll.com		Project #:							
Forest Glen Monitoring		48002808							
Site:		SSOW#:							
New York									
Sample Identification		Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8260C - TCL Volatiles	Special Instructions/Note:
DUP091923		9/19/23	—	G	Water	X	X	X	
MW7DD 091923		9/19/23	G	1520	Water	X	X	X	
MW8S 091923		9/19/23	G	1415	Water	X	X	X	
MW8D 091923		9/19/23	G	1255	Water	X	X	X	
MW6DD 091923		9/19/23	G	1335	Water	X	X	X	
MW6S 091923		9/19/23	G	1155	Water	X	X	X	
MW10D 091923		9/19/23	G	1112	Water	X	X	X	
MW10S 091923		9/19/23	G	1020	Water	X	X	X	
MW5S 091923		9/19/23	G	0945	Water	X	X	X	
MW6D 091823		9/18/23	G	1505	Water	X	X	X	
MW5D 091823		9/18/23	G	1536	Water	X	X	X	
Possible Hazard Identification		Date:		Time:		Method of Shipment:			
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological		9-20-23		11:00		Company: VSW16			
Deliverable Requested: I, II, III, IV, Other (specify)		Date/Time:		Date/Time:		Company:			
Empty Kit Relinquished by:		Date/Time:		Date/Time:		Company:			
Relinquished by:		Date/Time:		Date/Time:		Company:			
Relinquished by:		Date/Time:		Date/Time:		Company:			
Custody Seals Intact: Δ Yes Δ No		Custody Seal No.:		Cooler Temperature(s) °C and Other Remarks:		4.2# ICE			

Login Sample Receipt Checklist

Client: Ramboll Americas Engineering Solutions

Job Number: 480-212926-1

Login Number: 212926

List Source: Eurofins Buffalo

List Number: 1

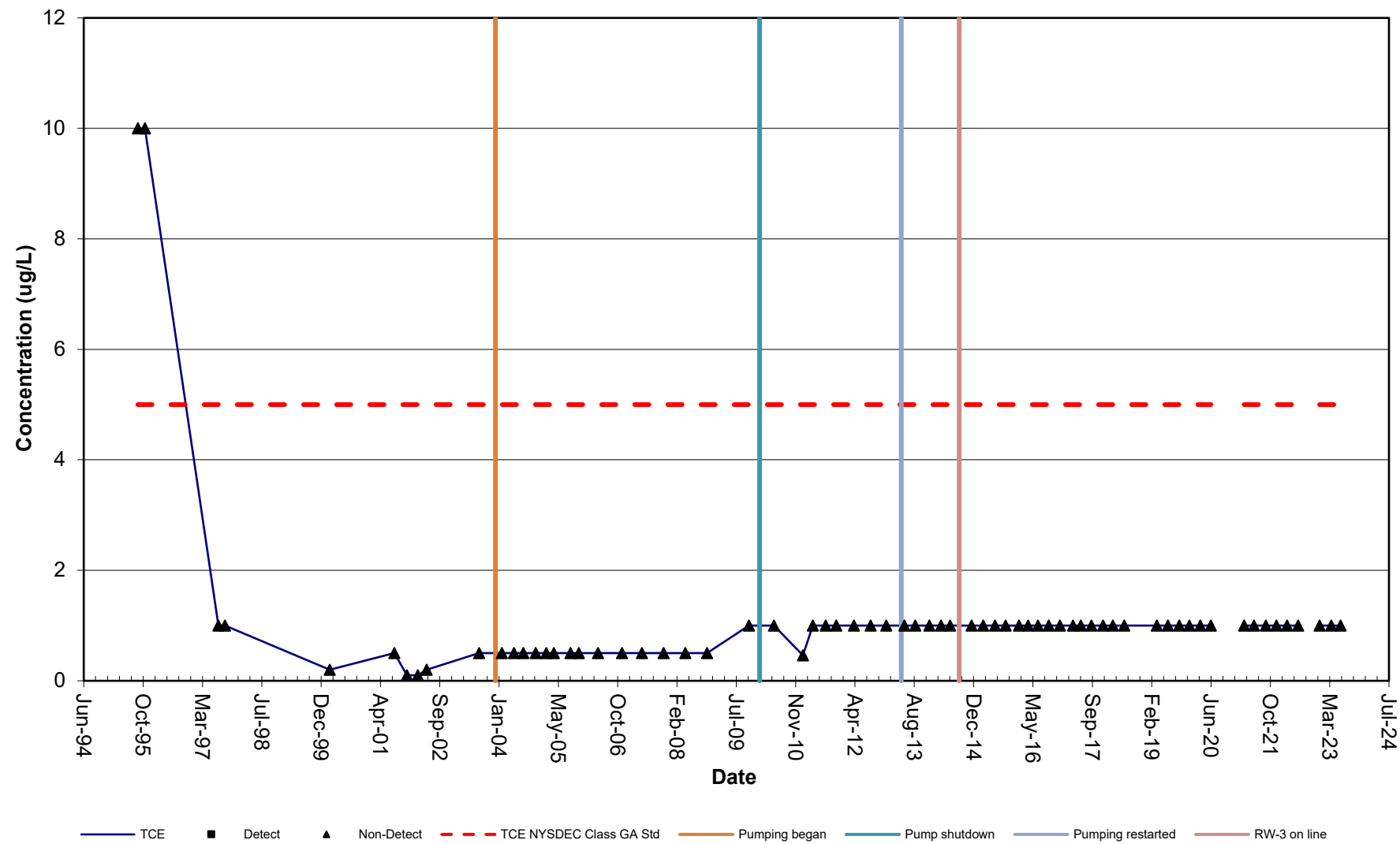
Creator: Kolb, Chris M

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	

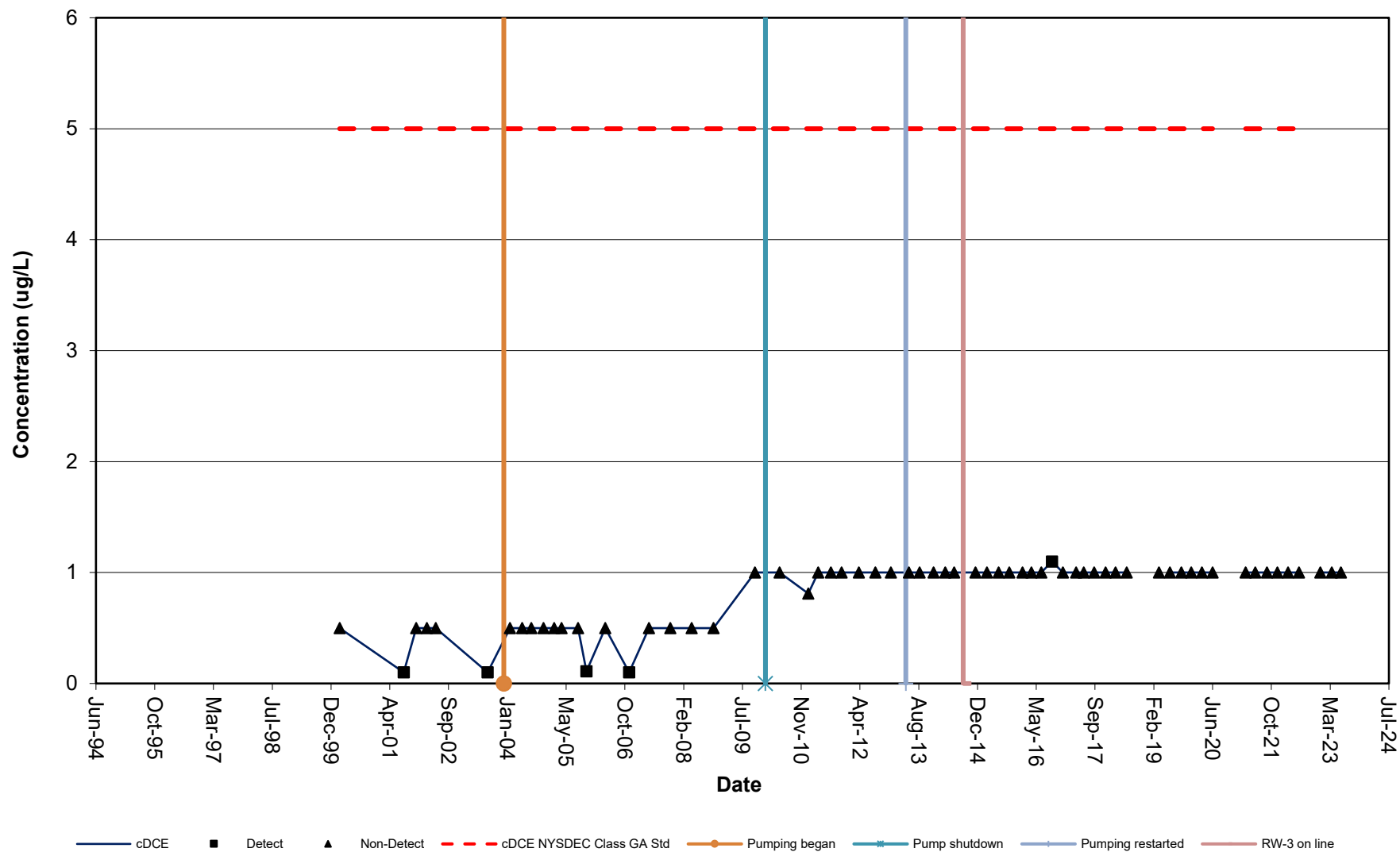
APPENDIX D

CONCENTRATION TRENDS

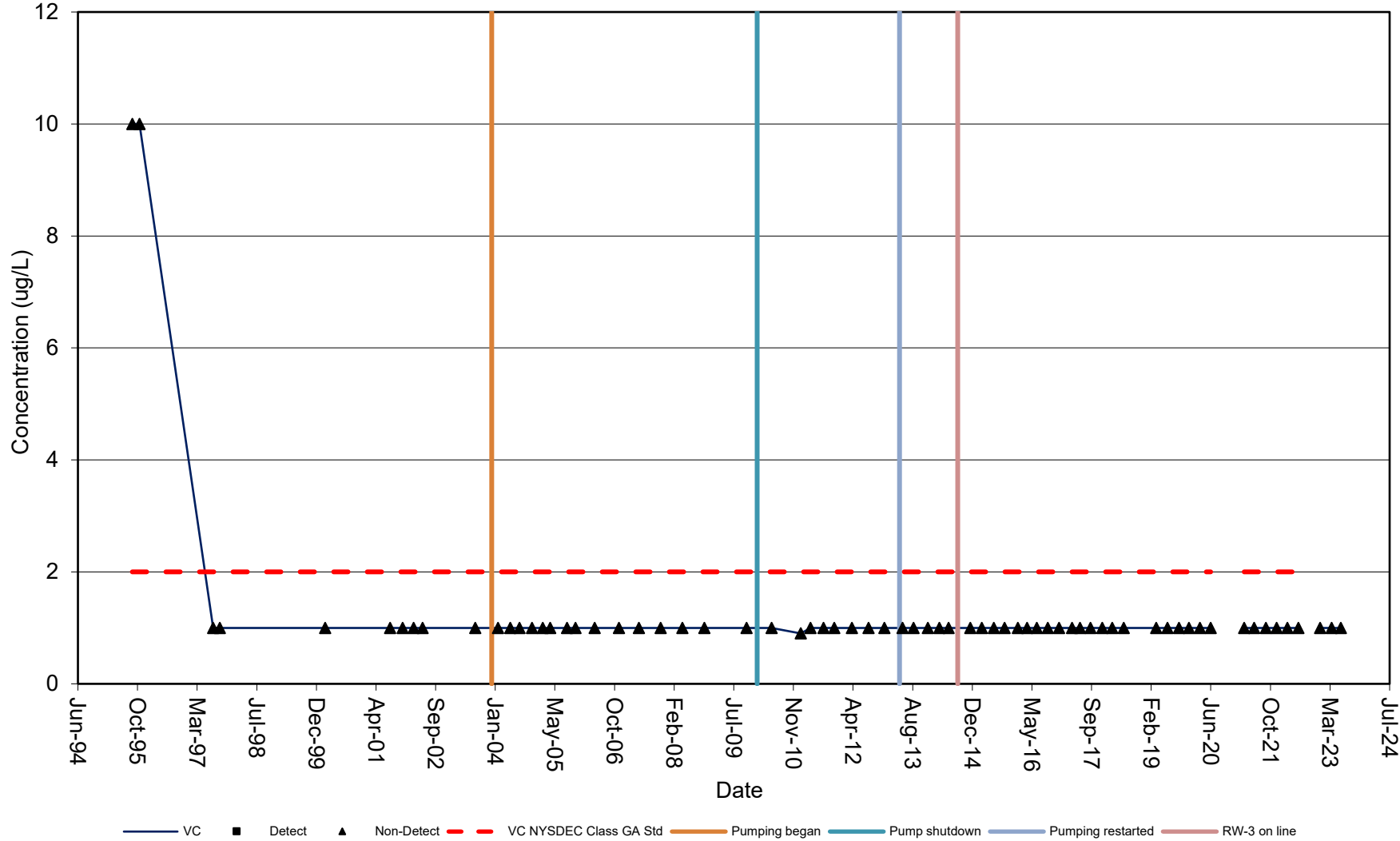
MW-4S: TCE



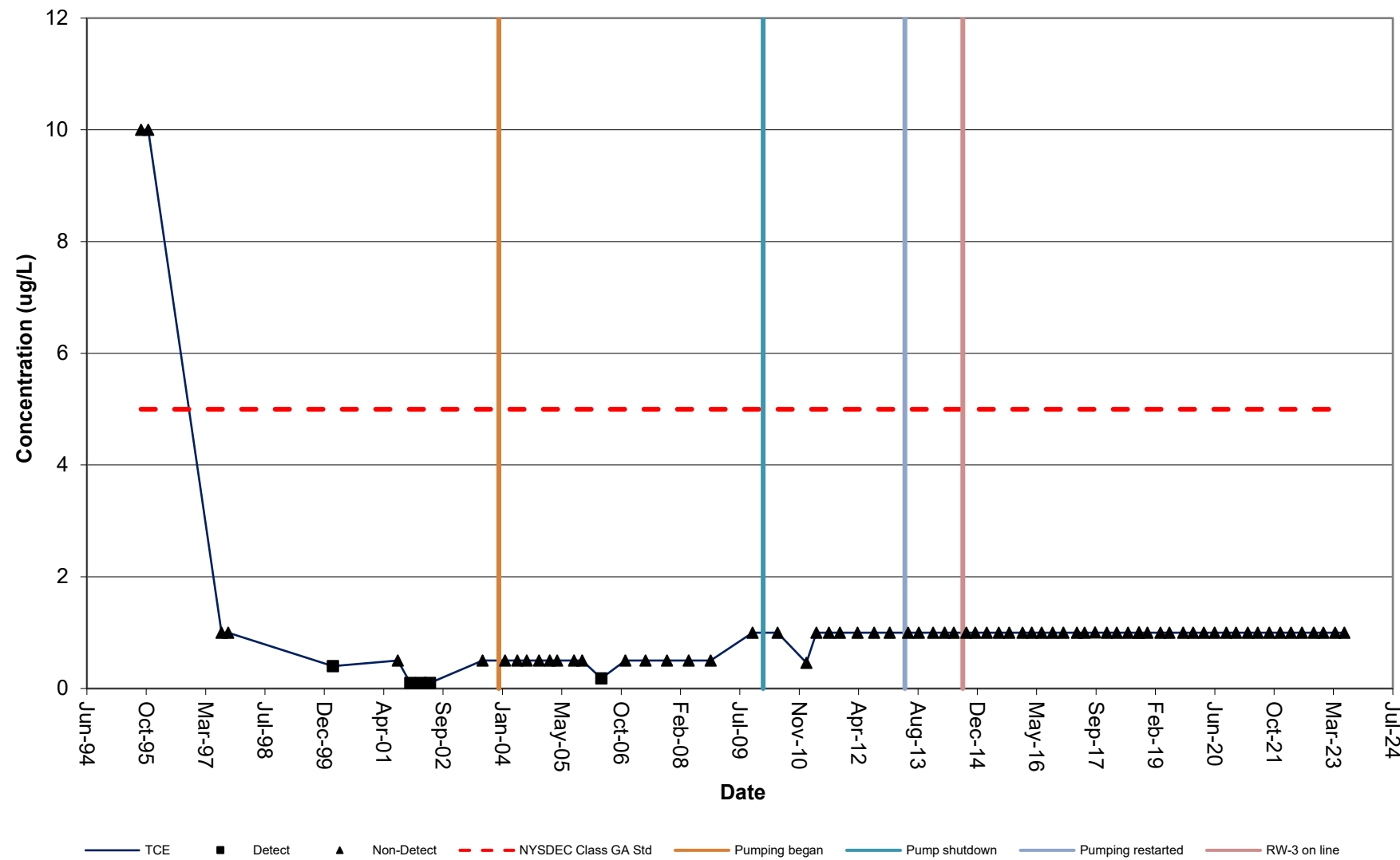
MW-4S: cis-1,2-DCE



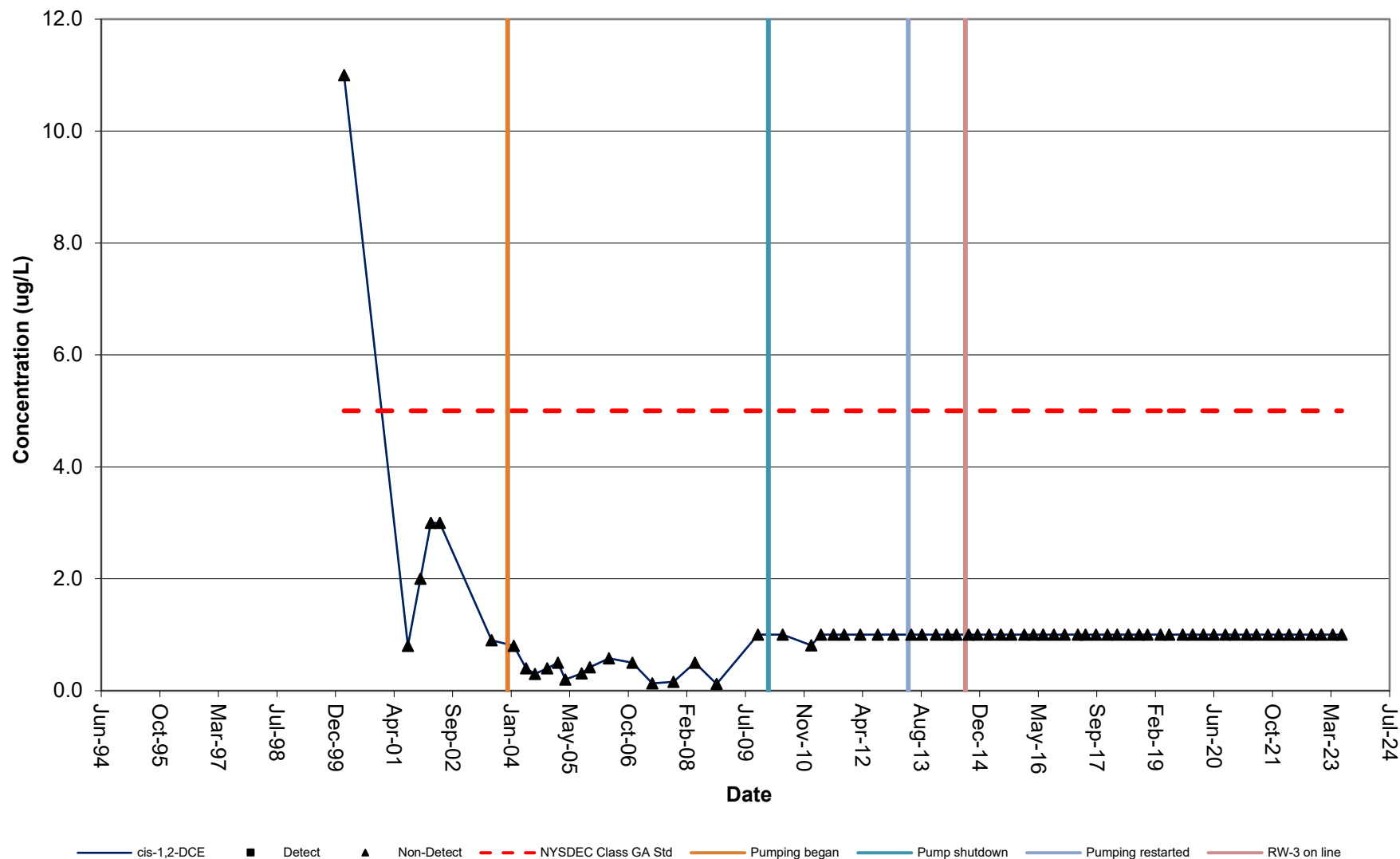
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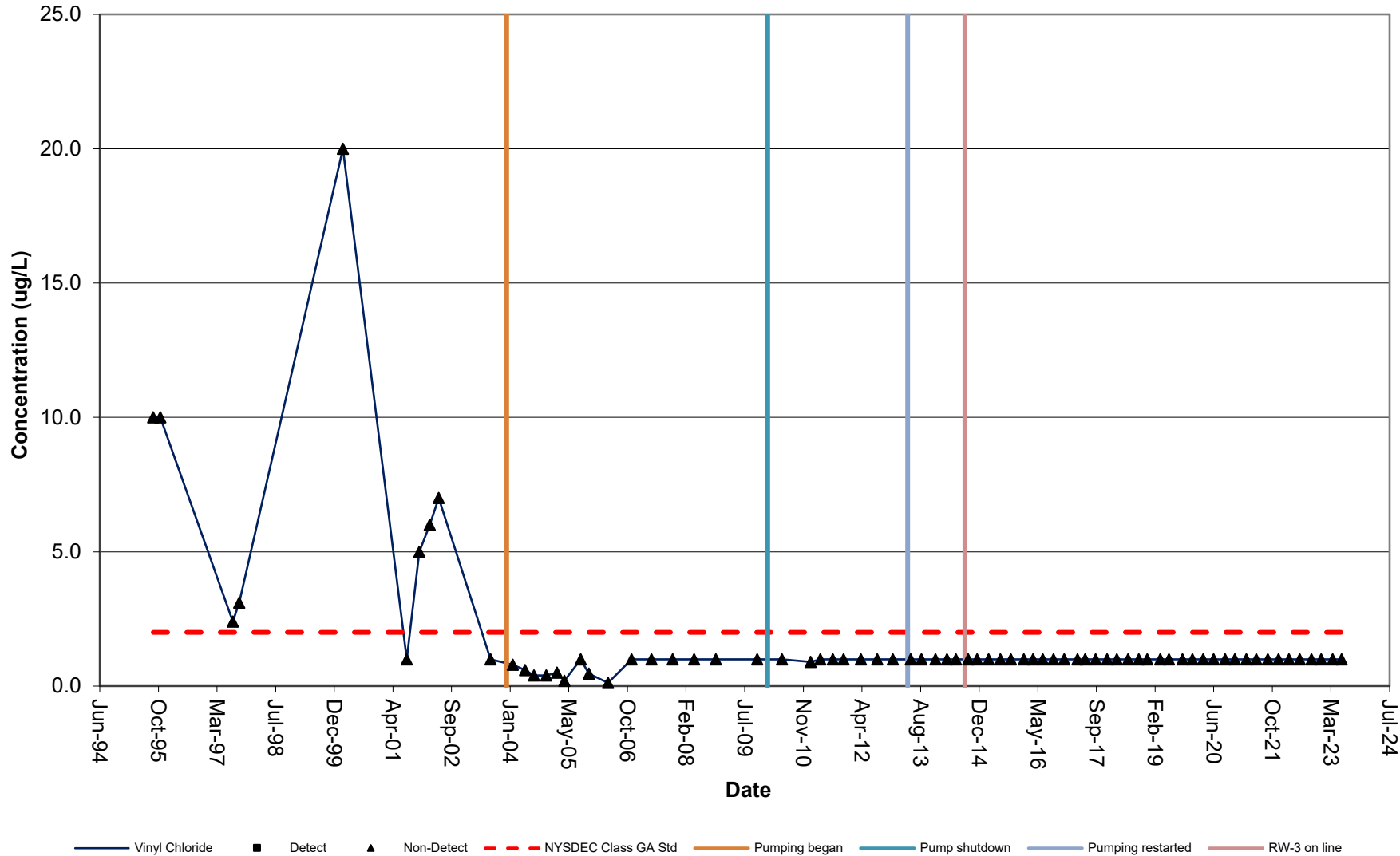
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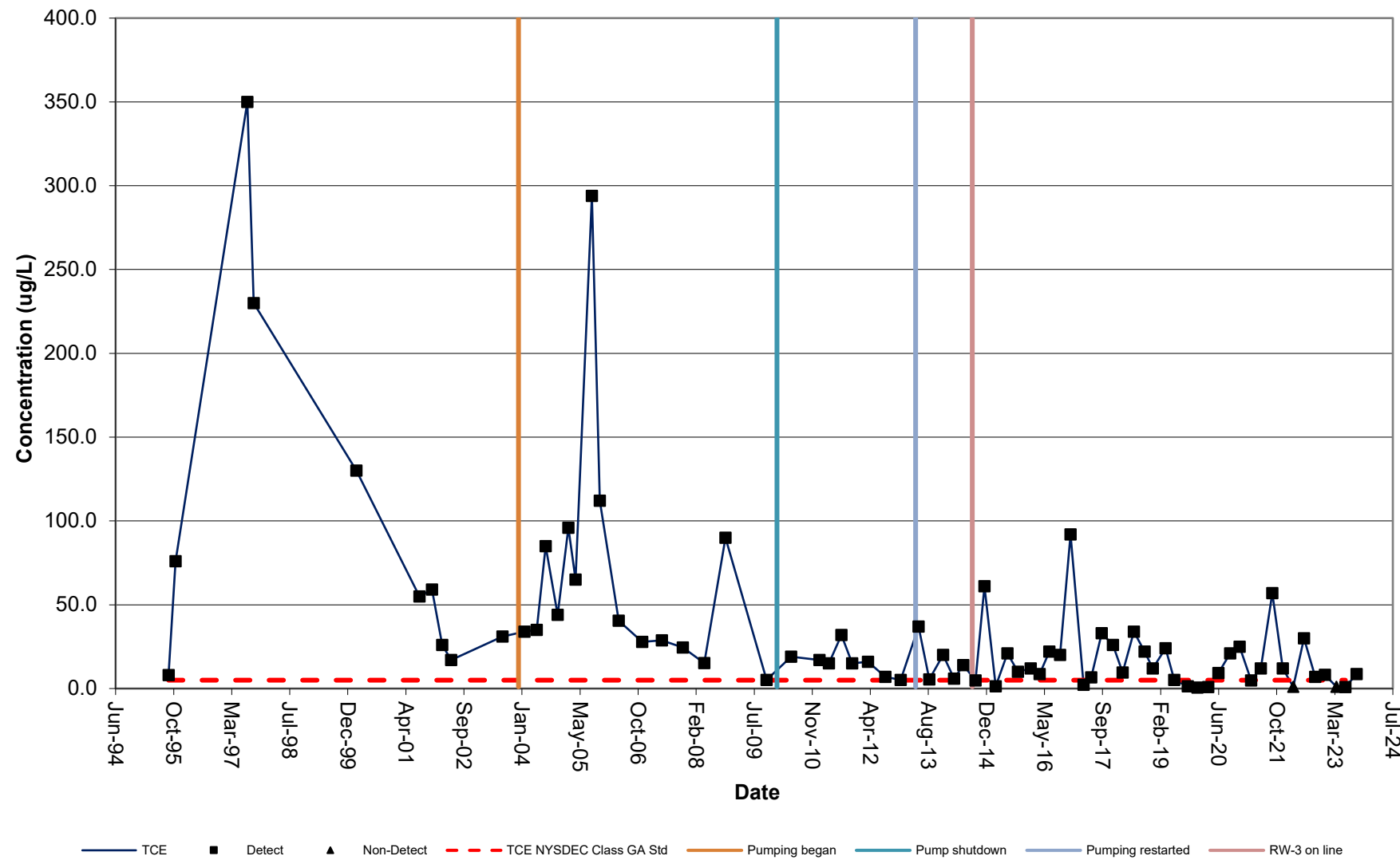
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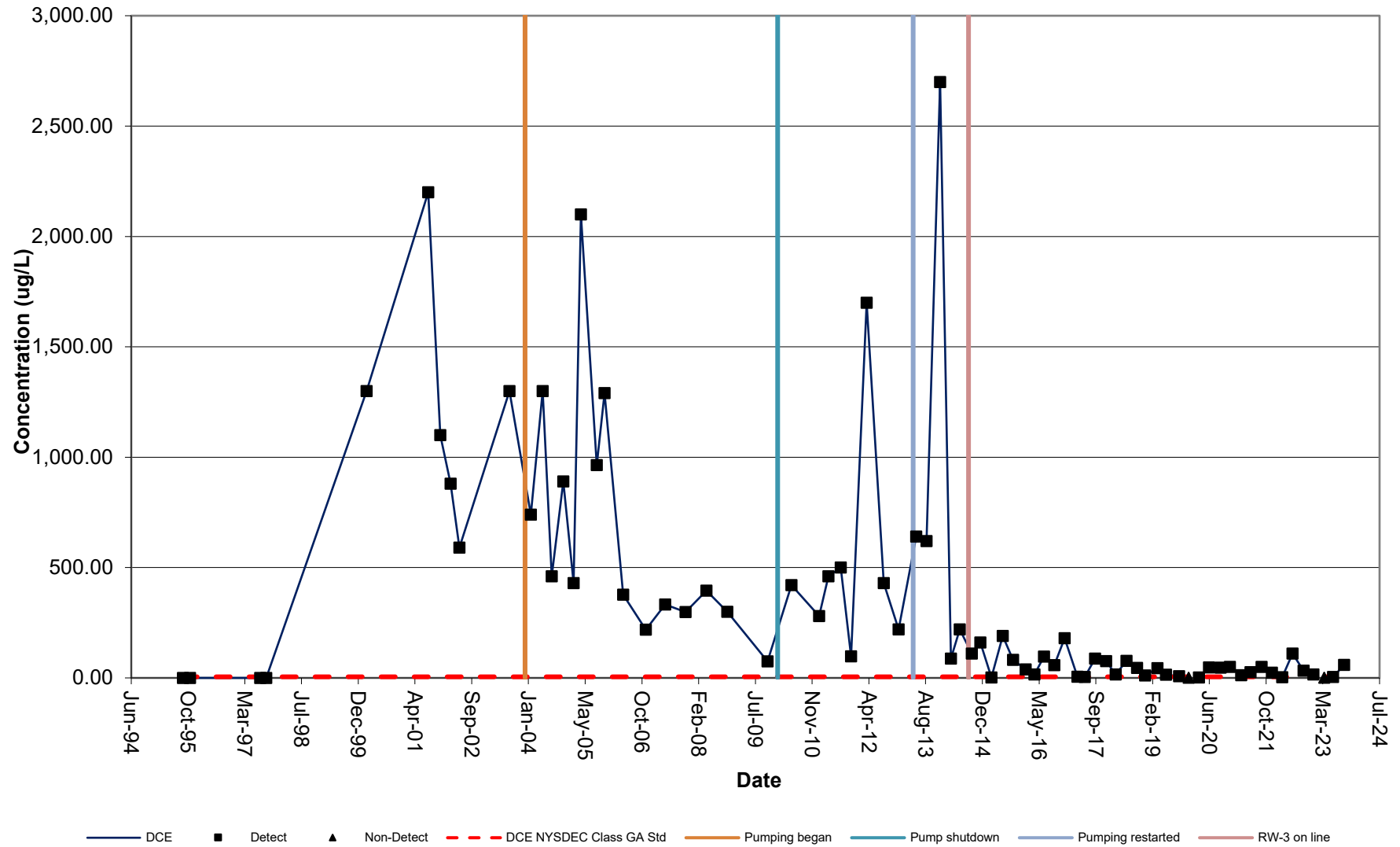
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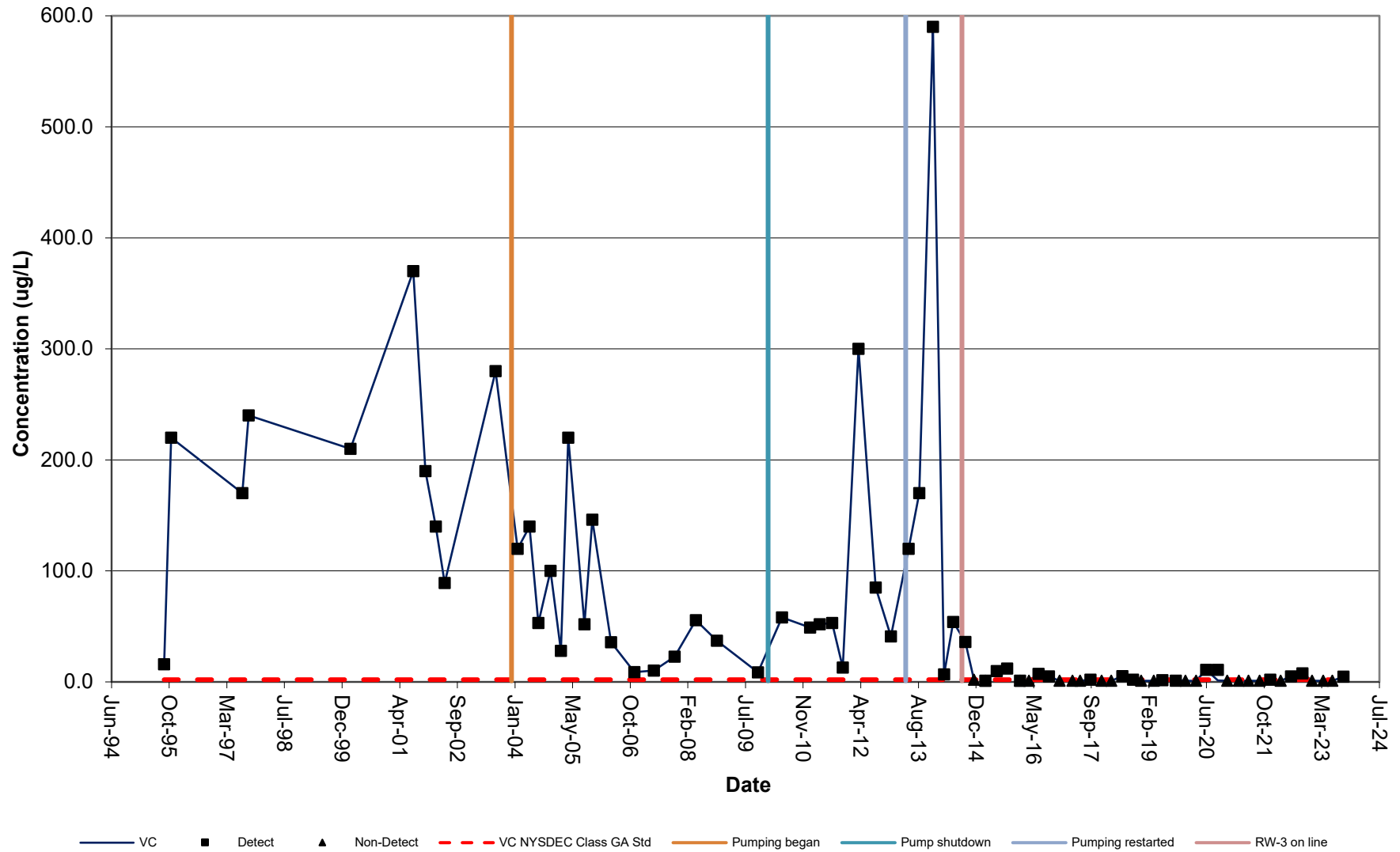
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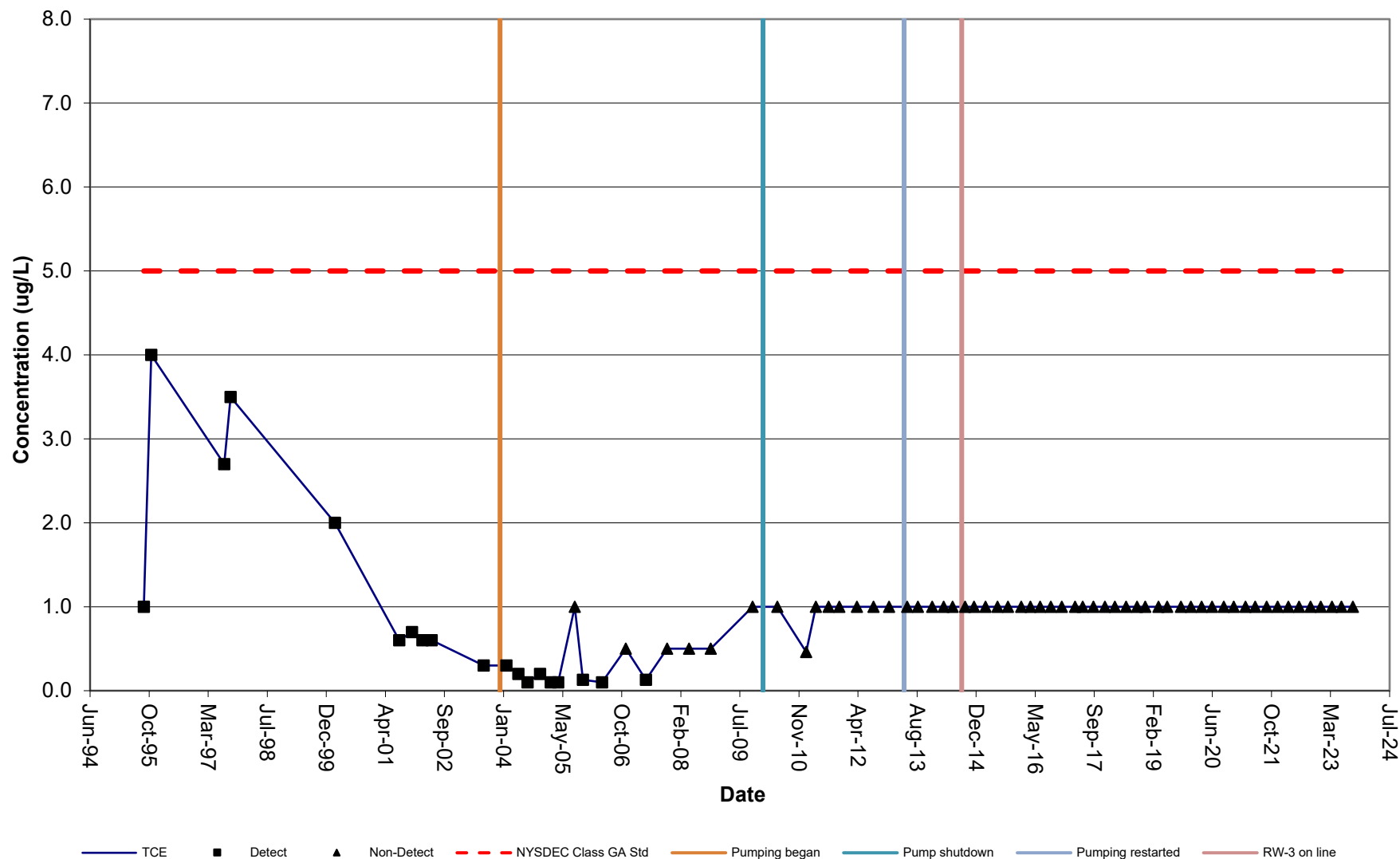
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MW-5S: Vinyl Chloride

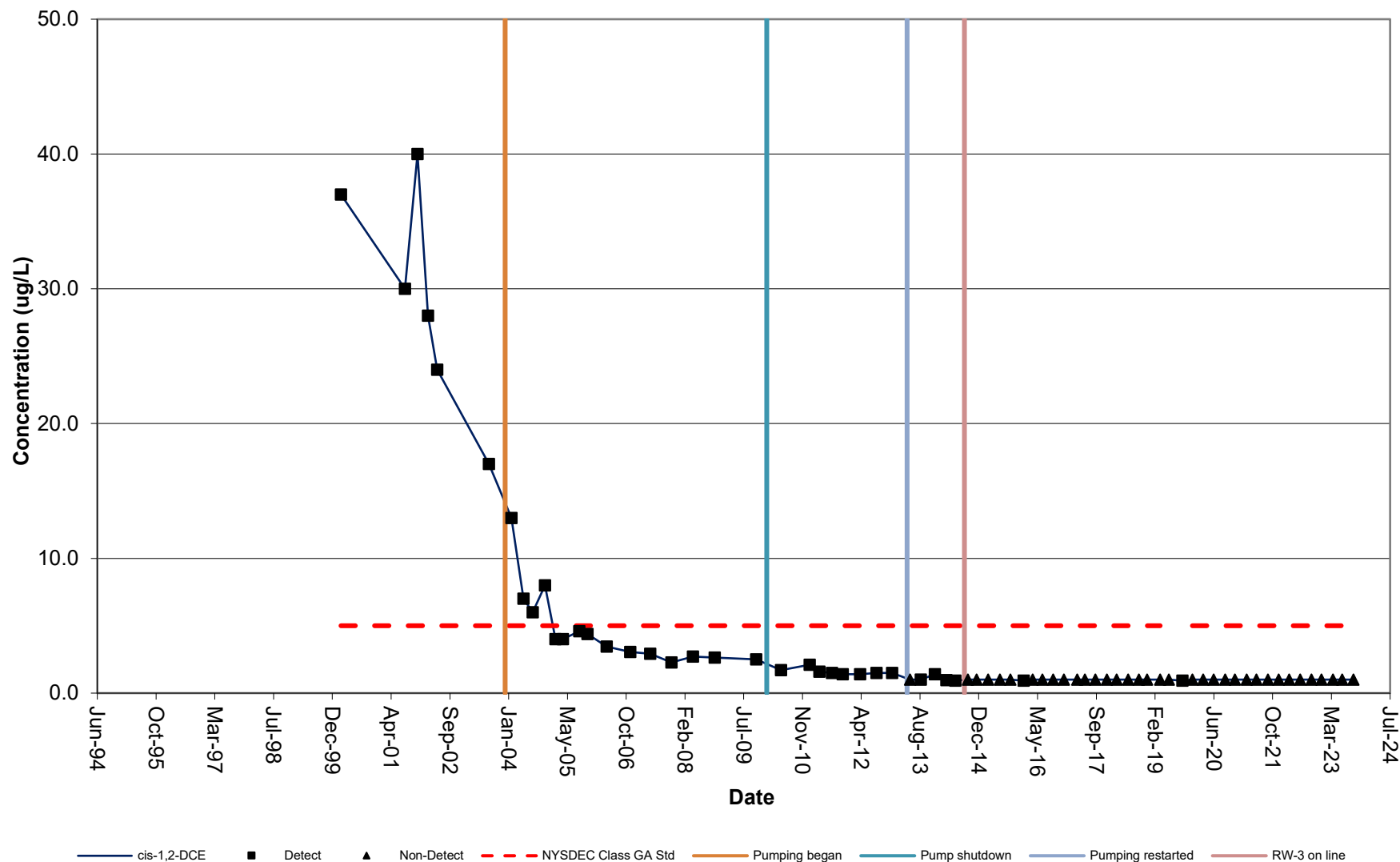


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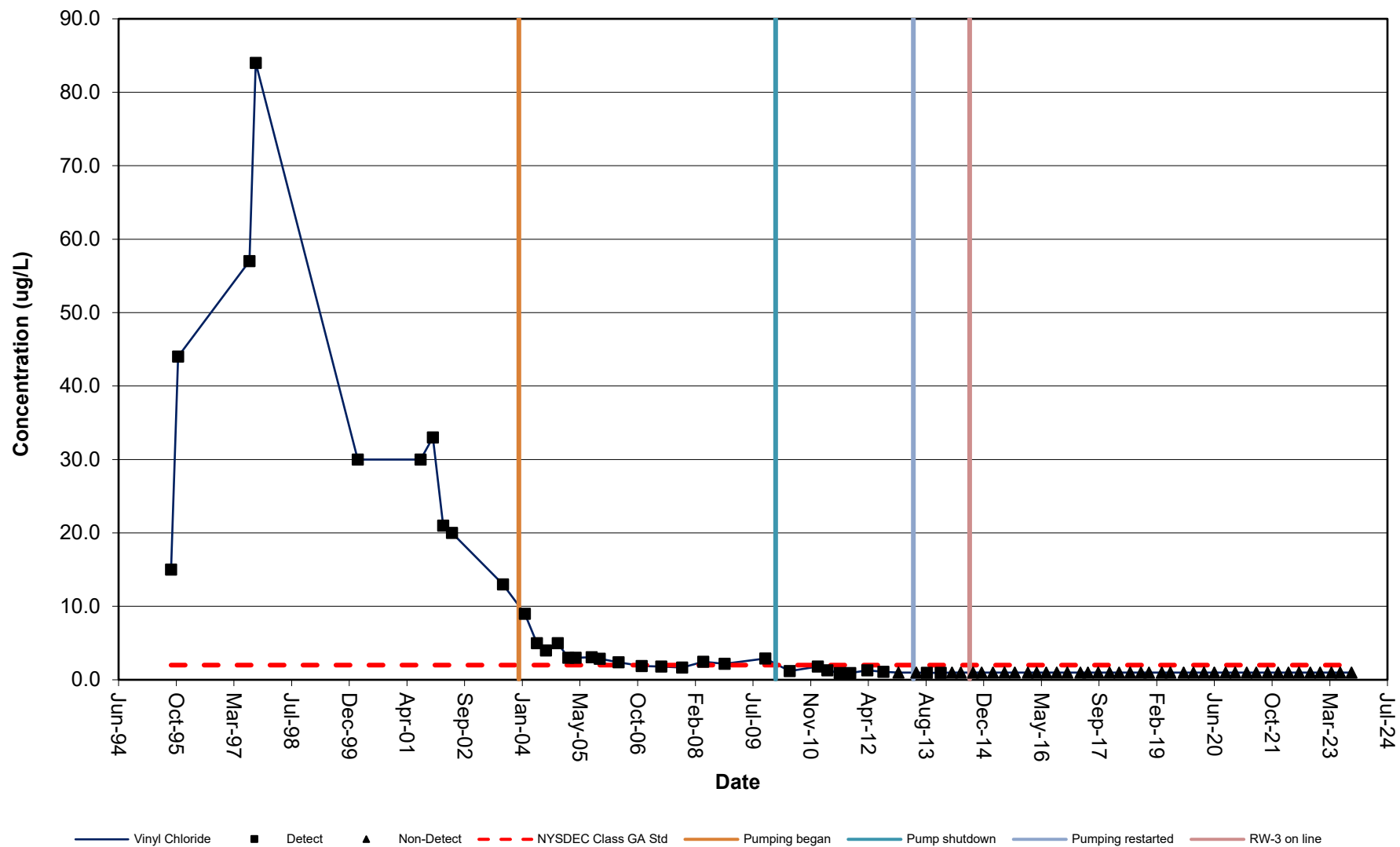


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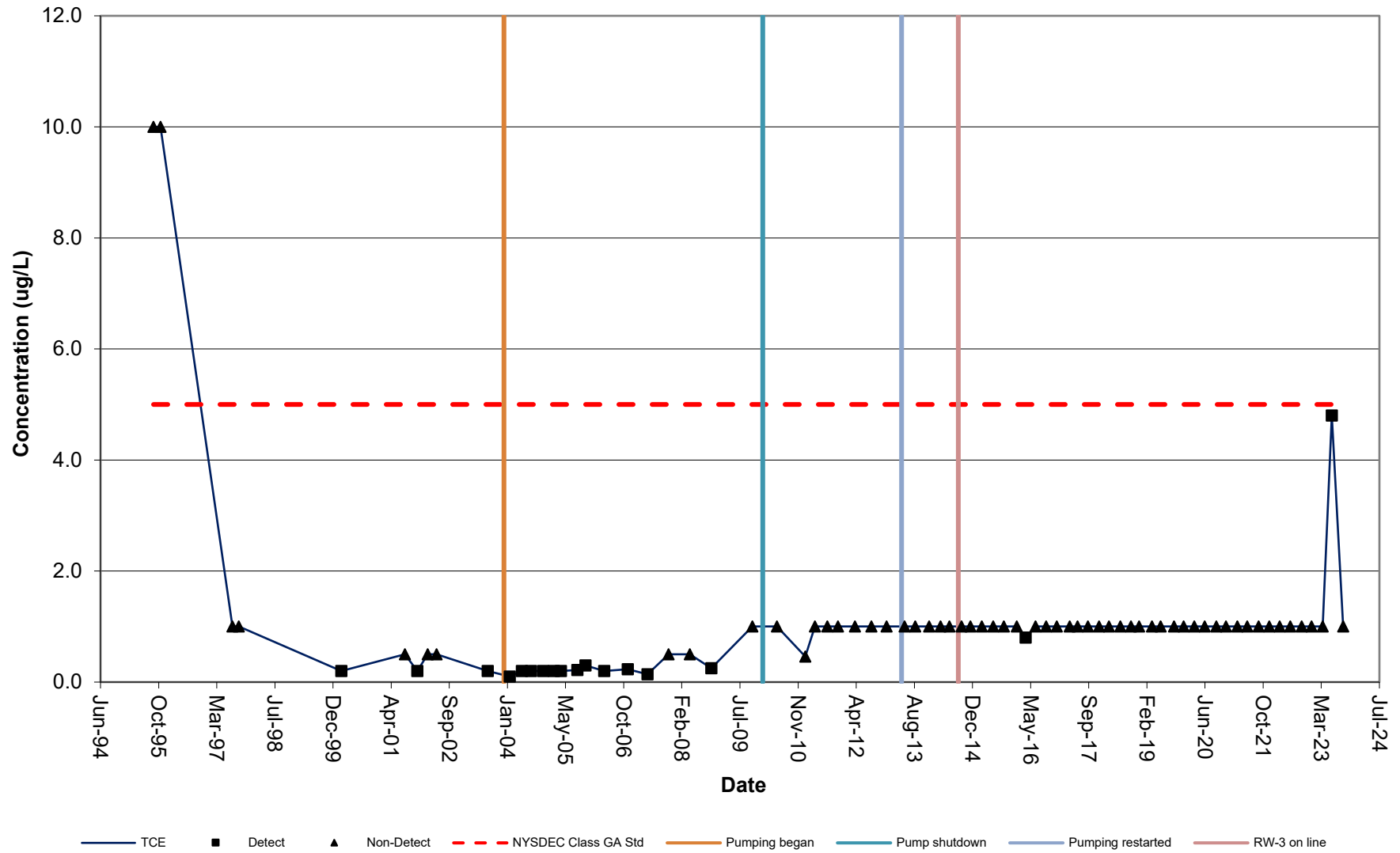
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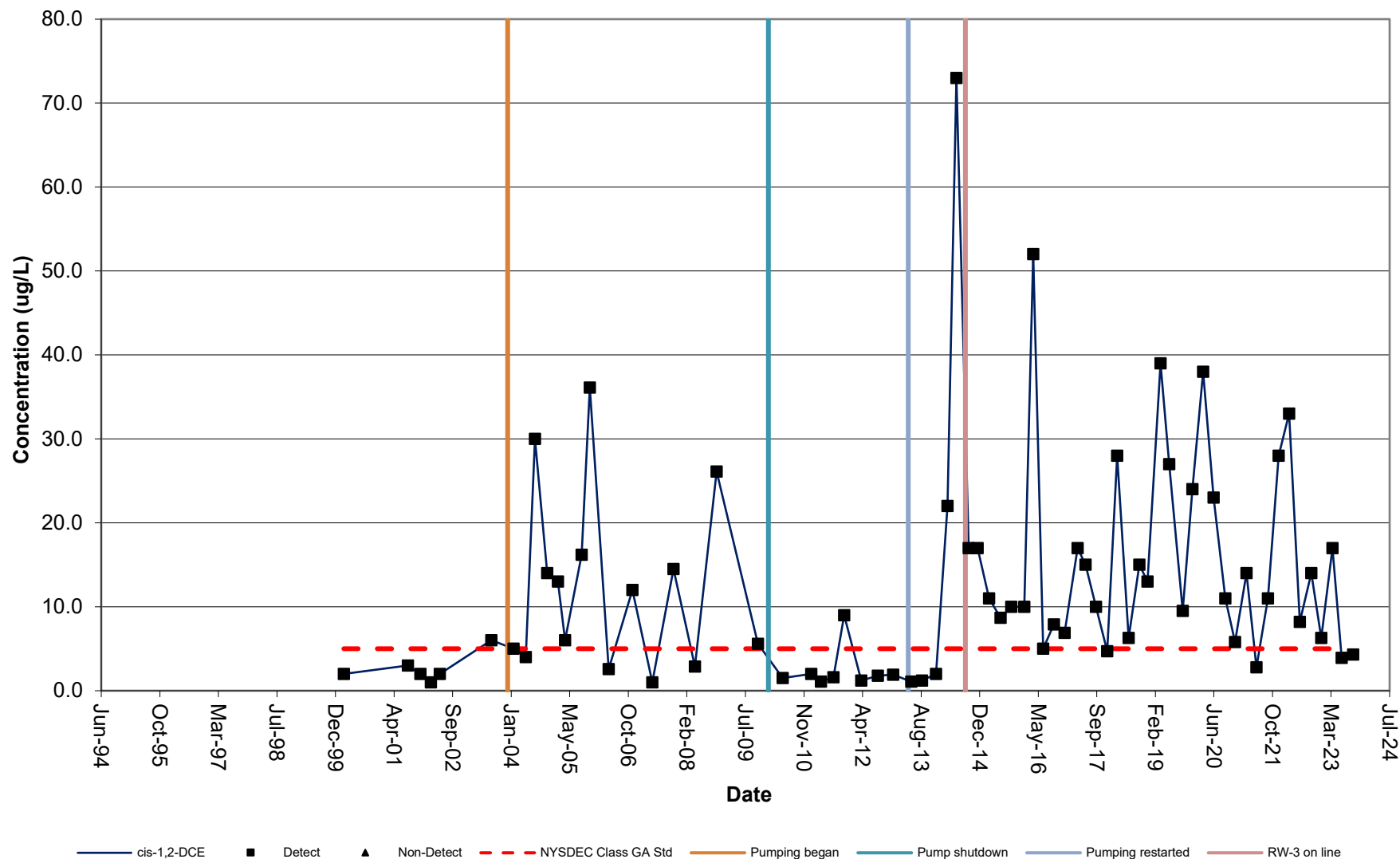
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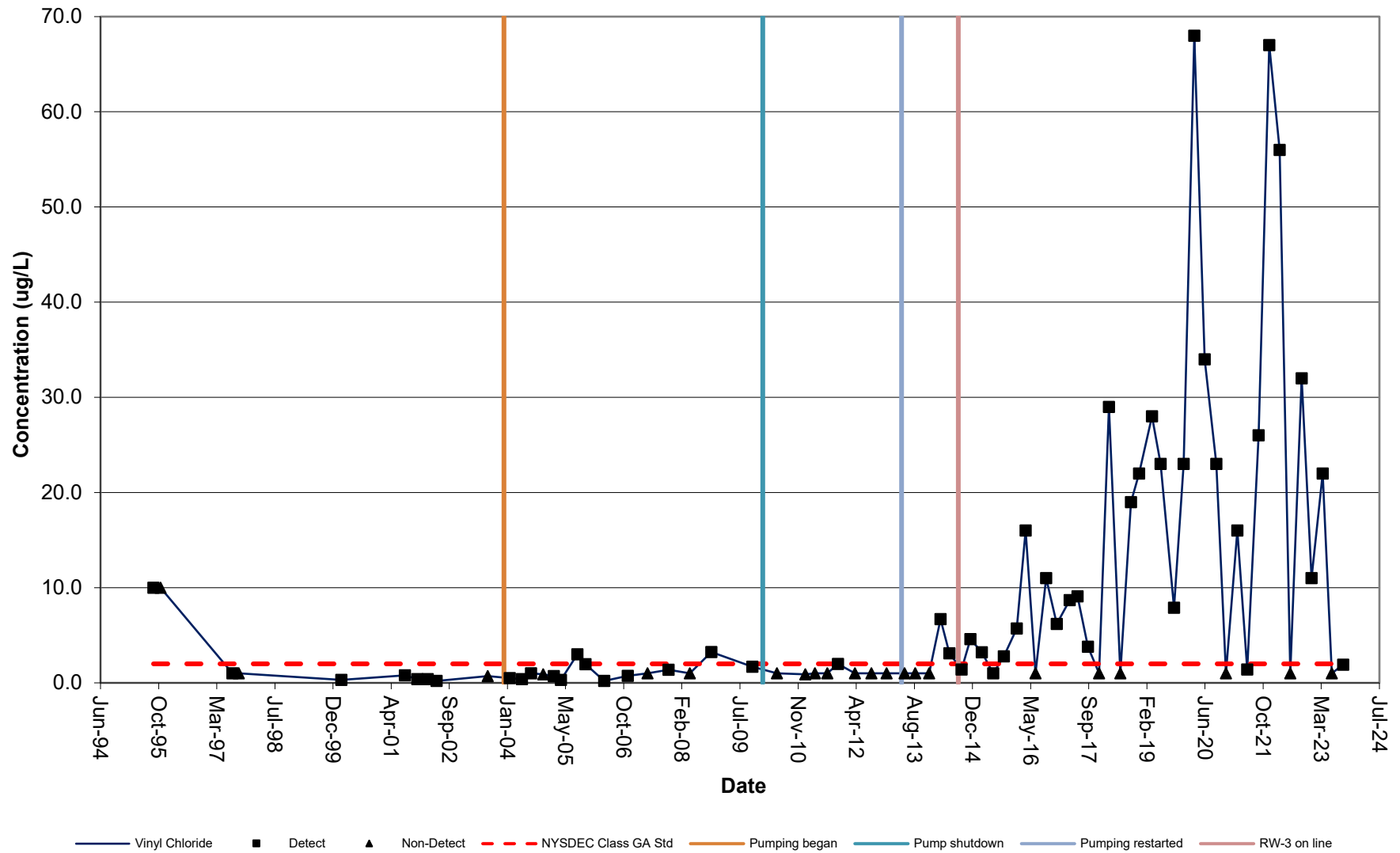
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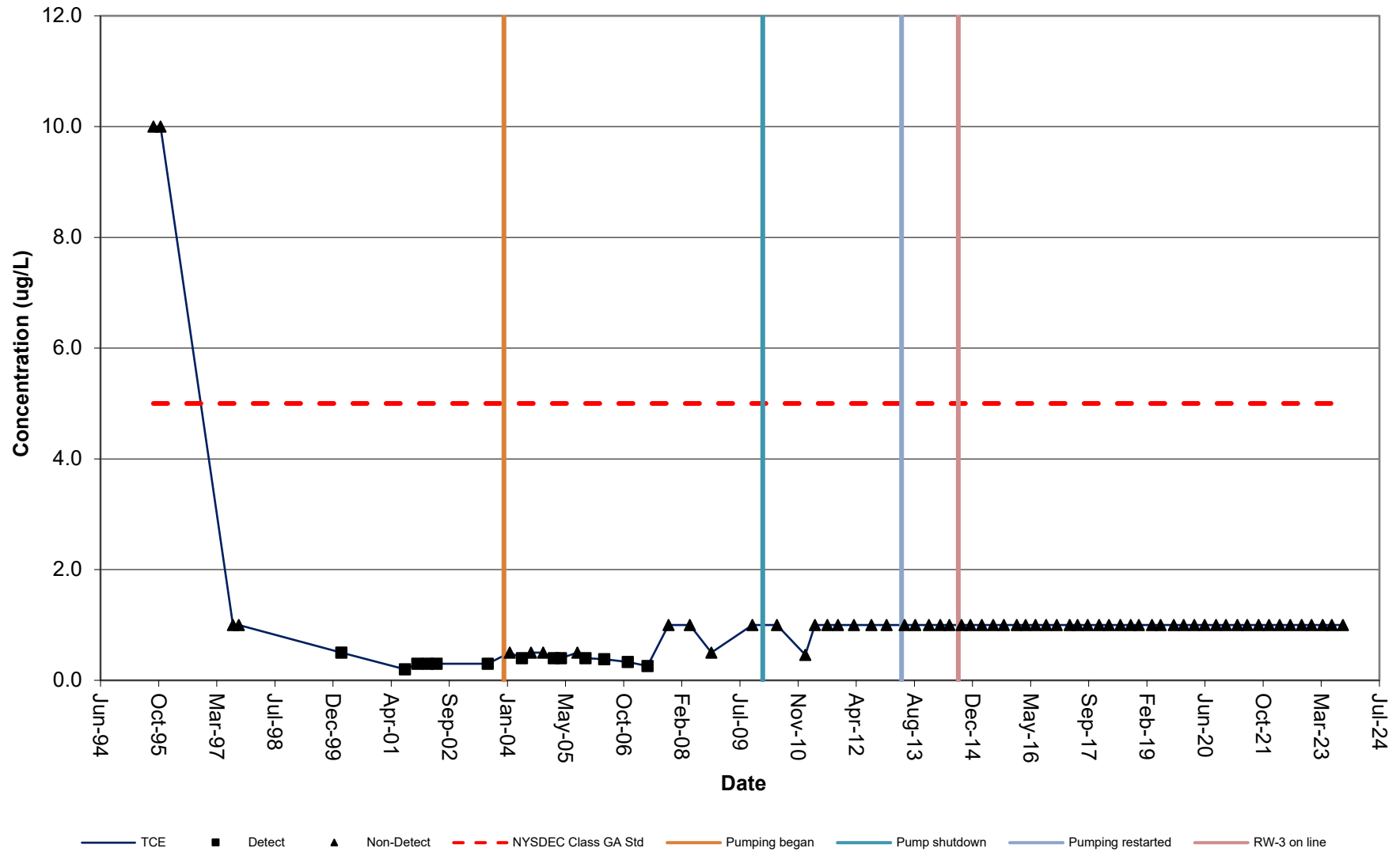
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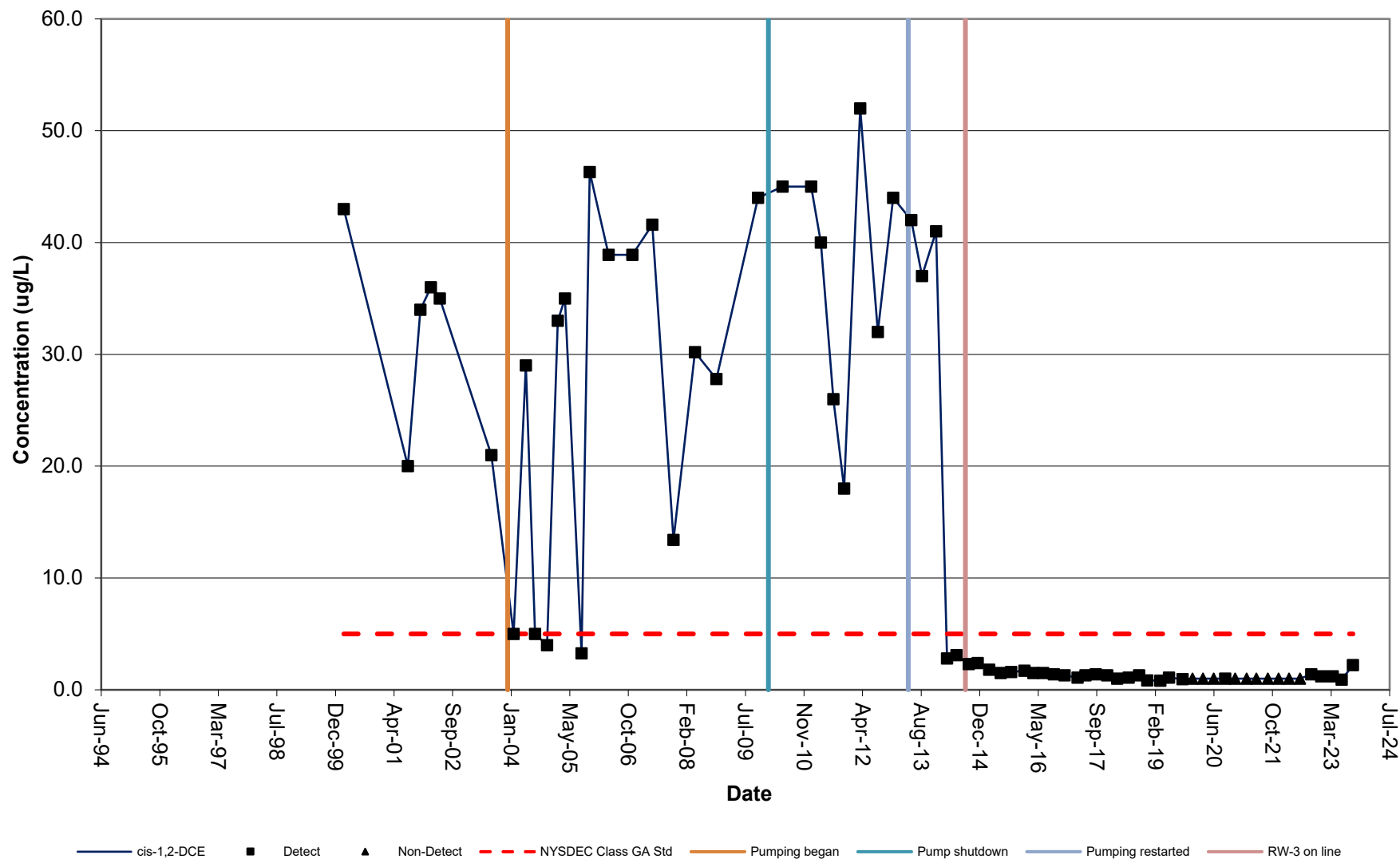
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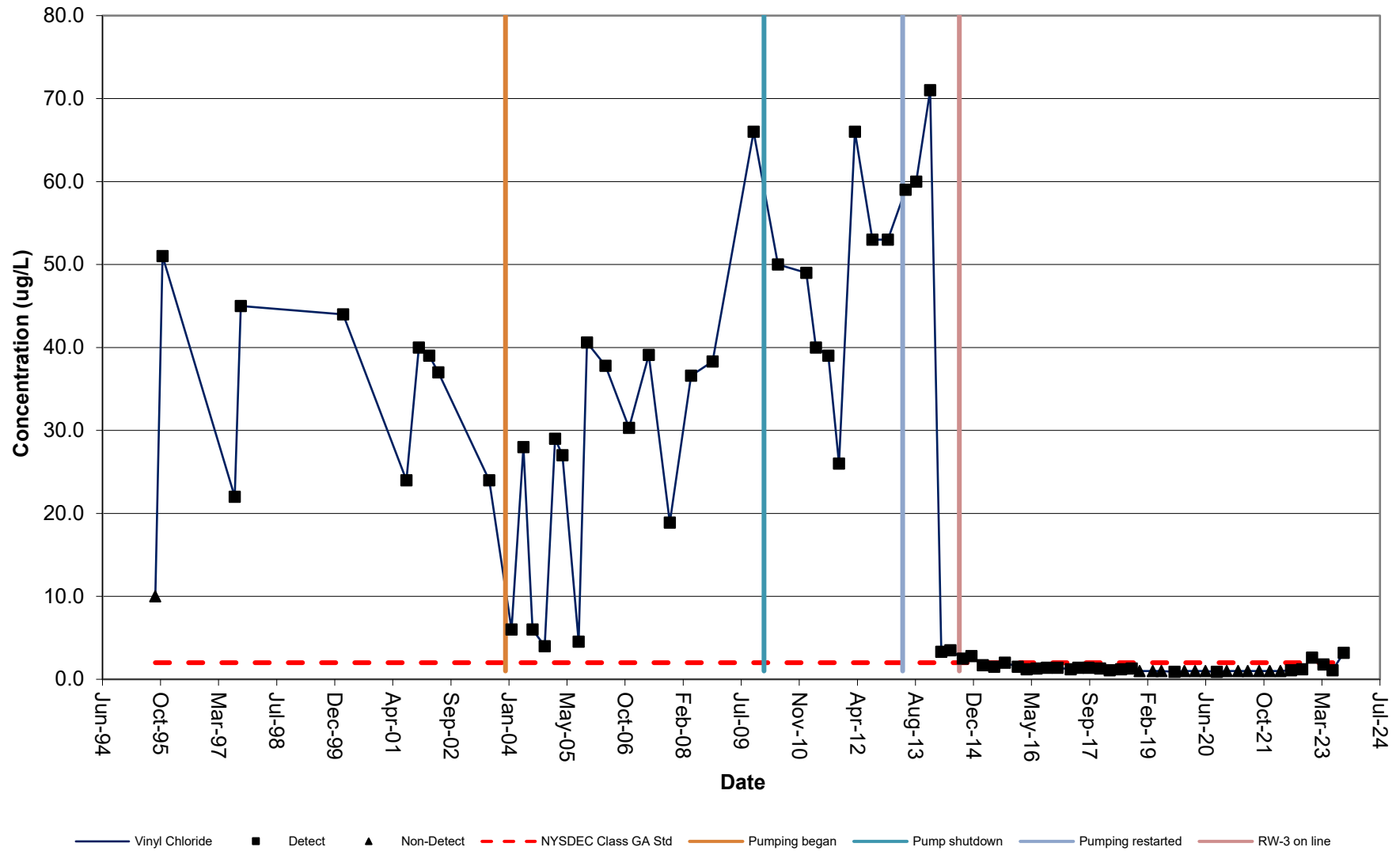
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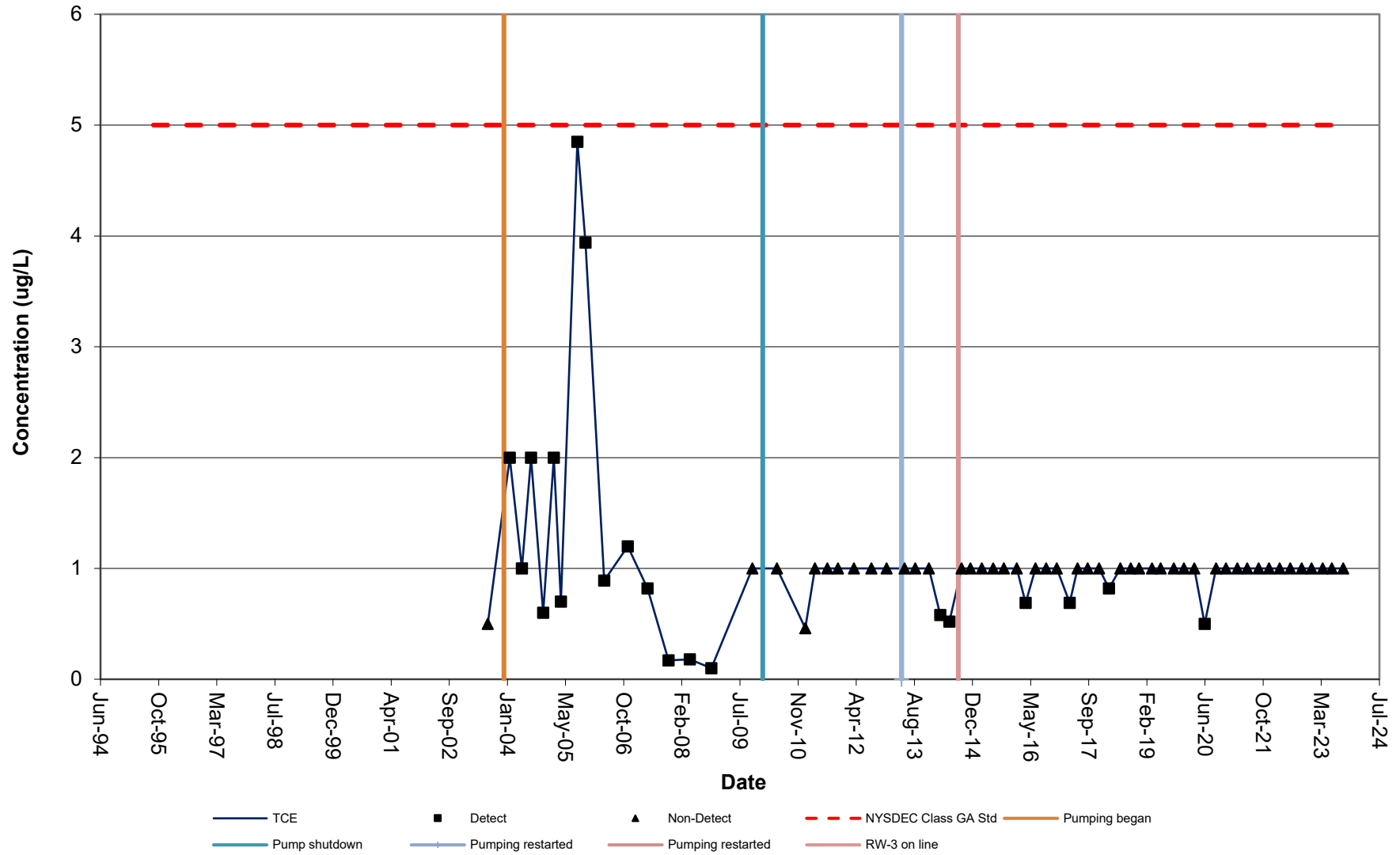
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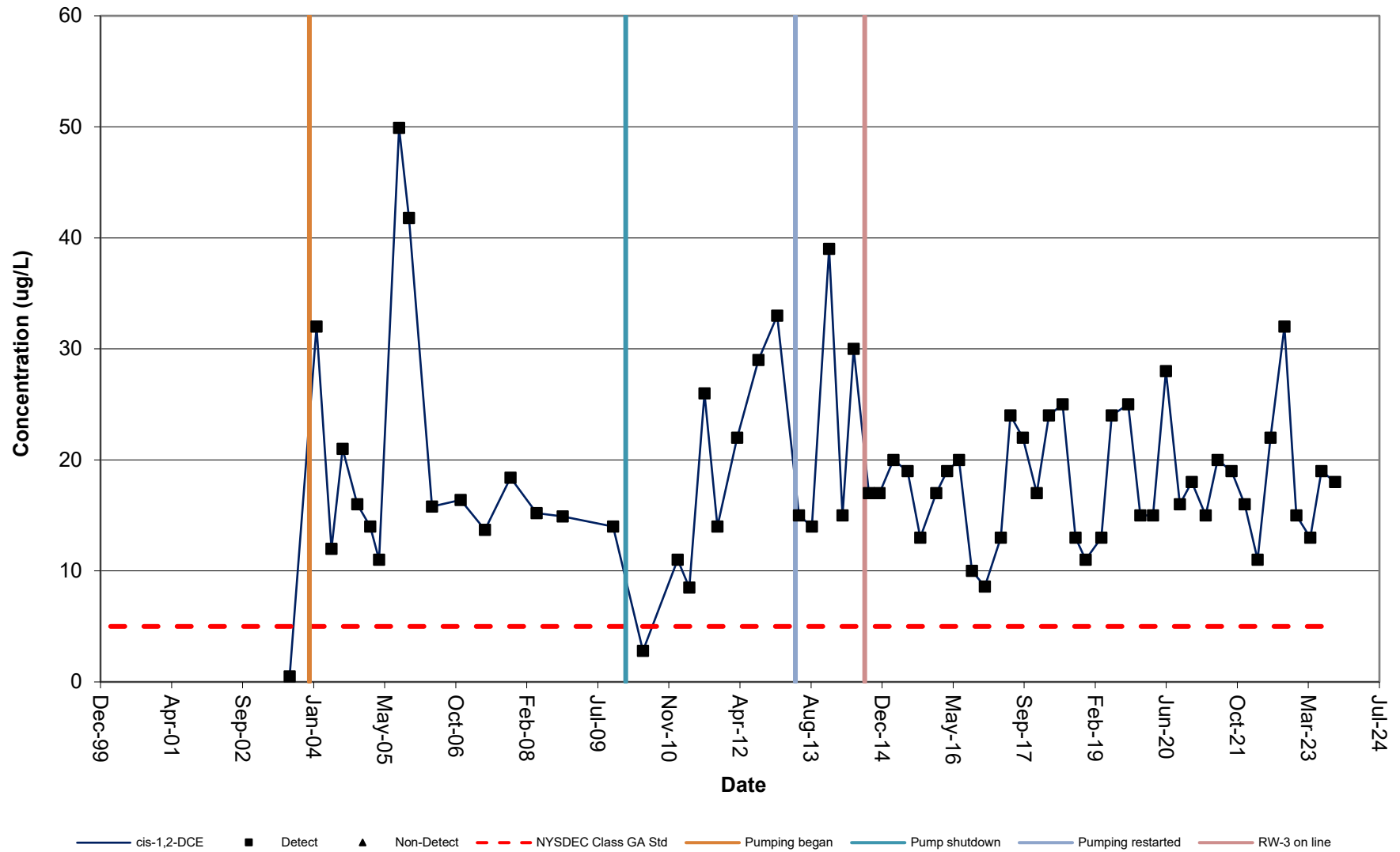
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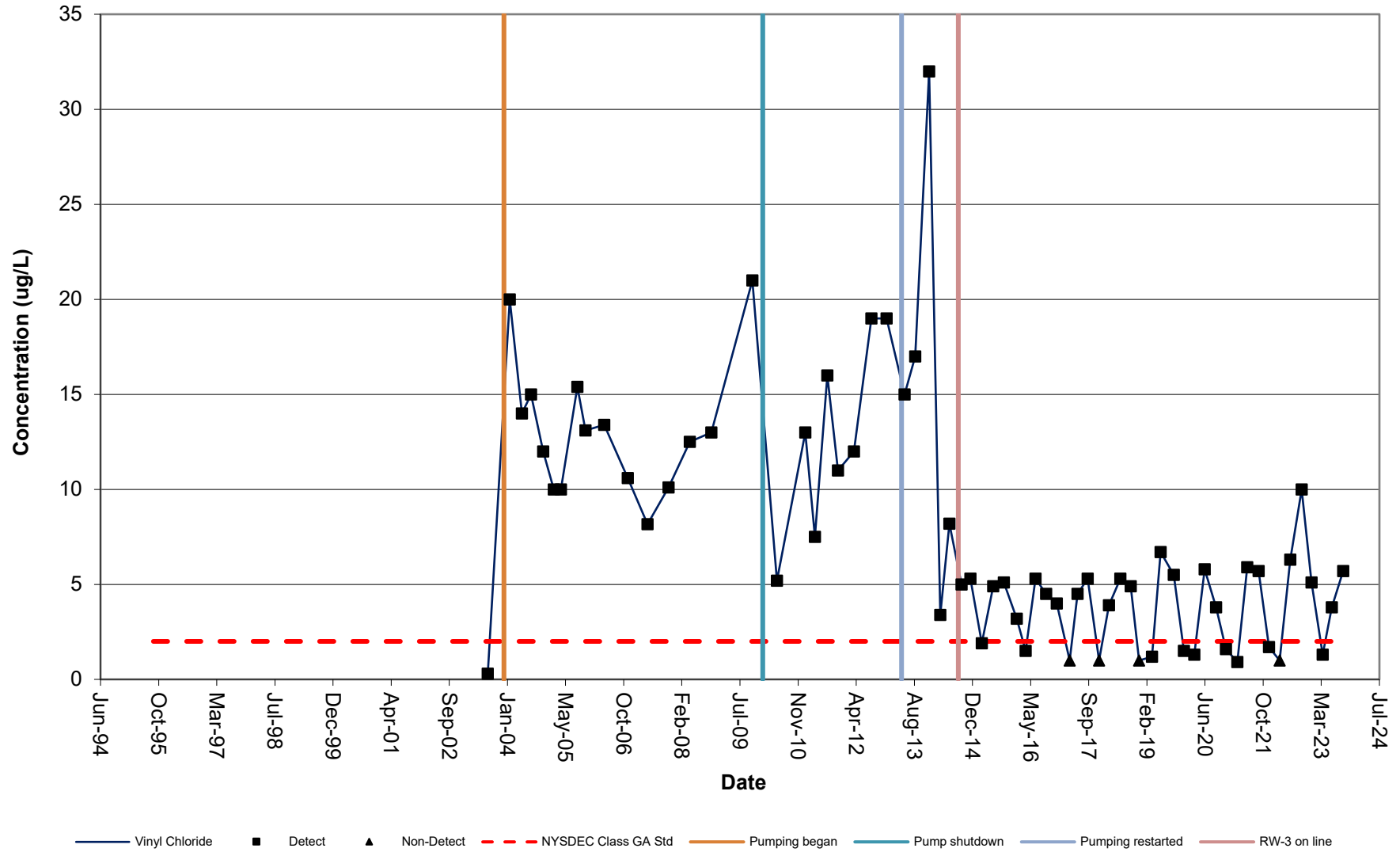
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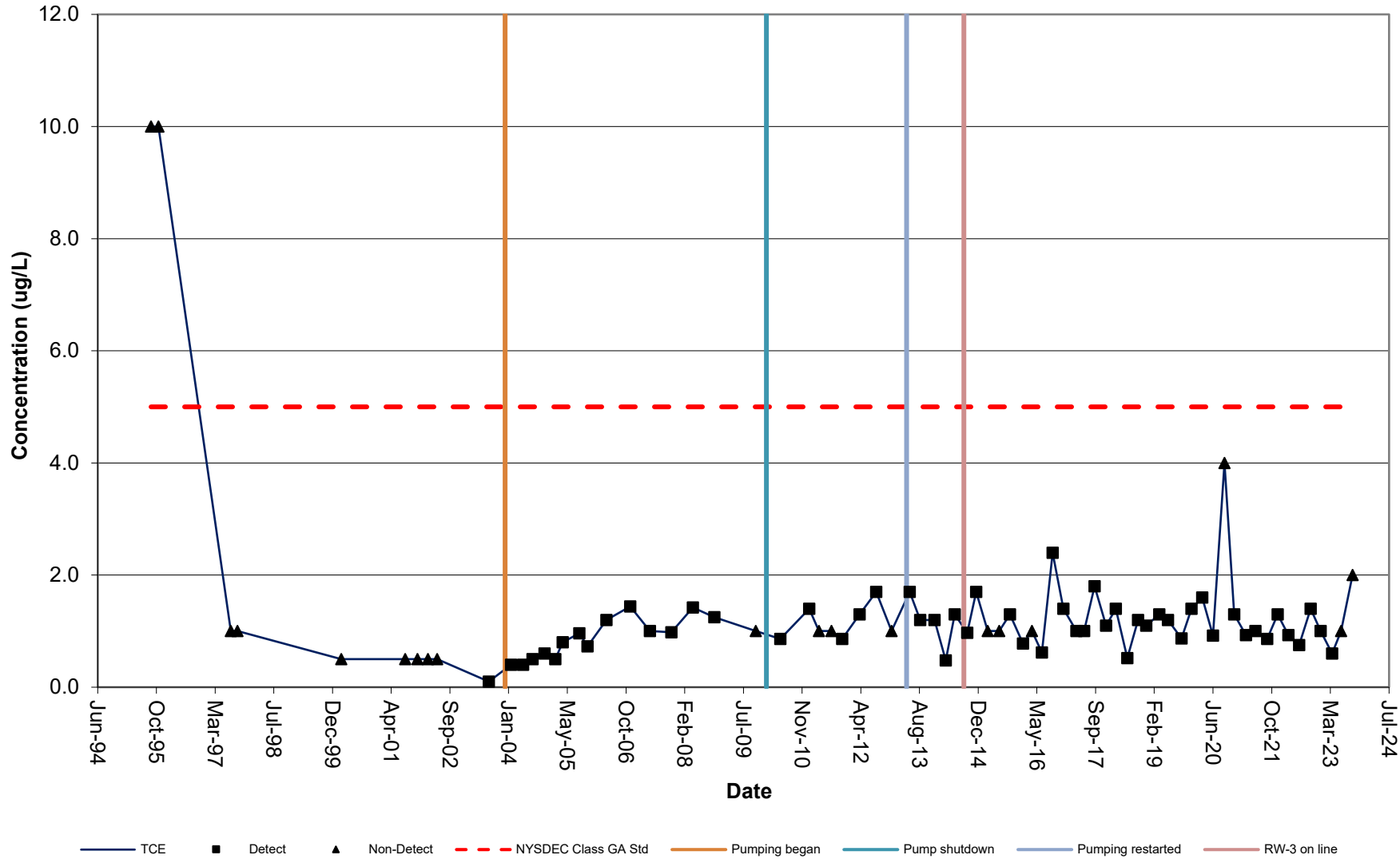
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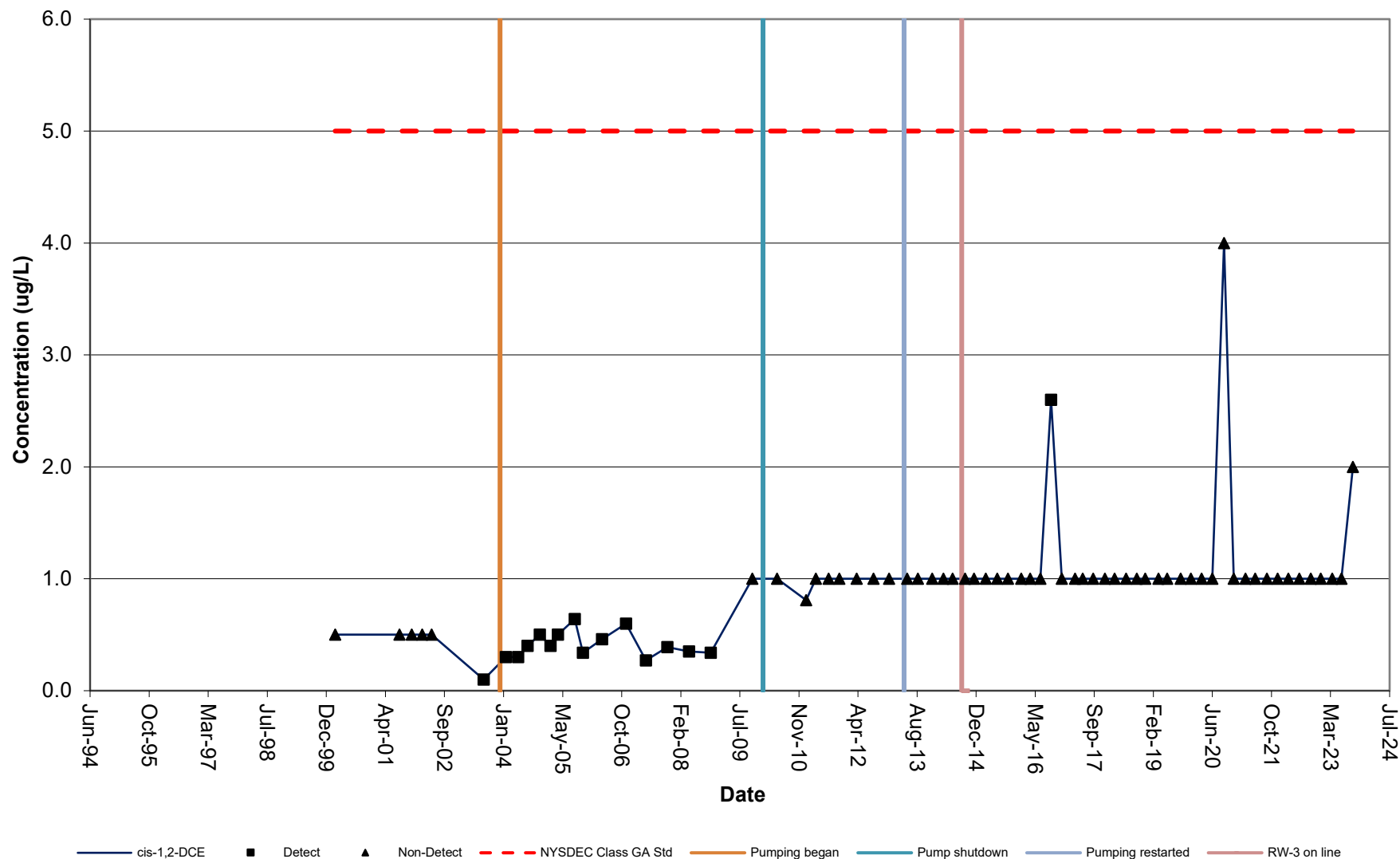
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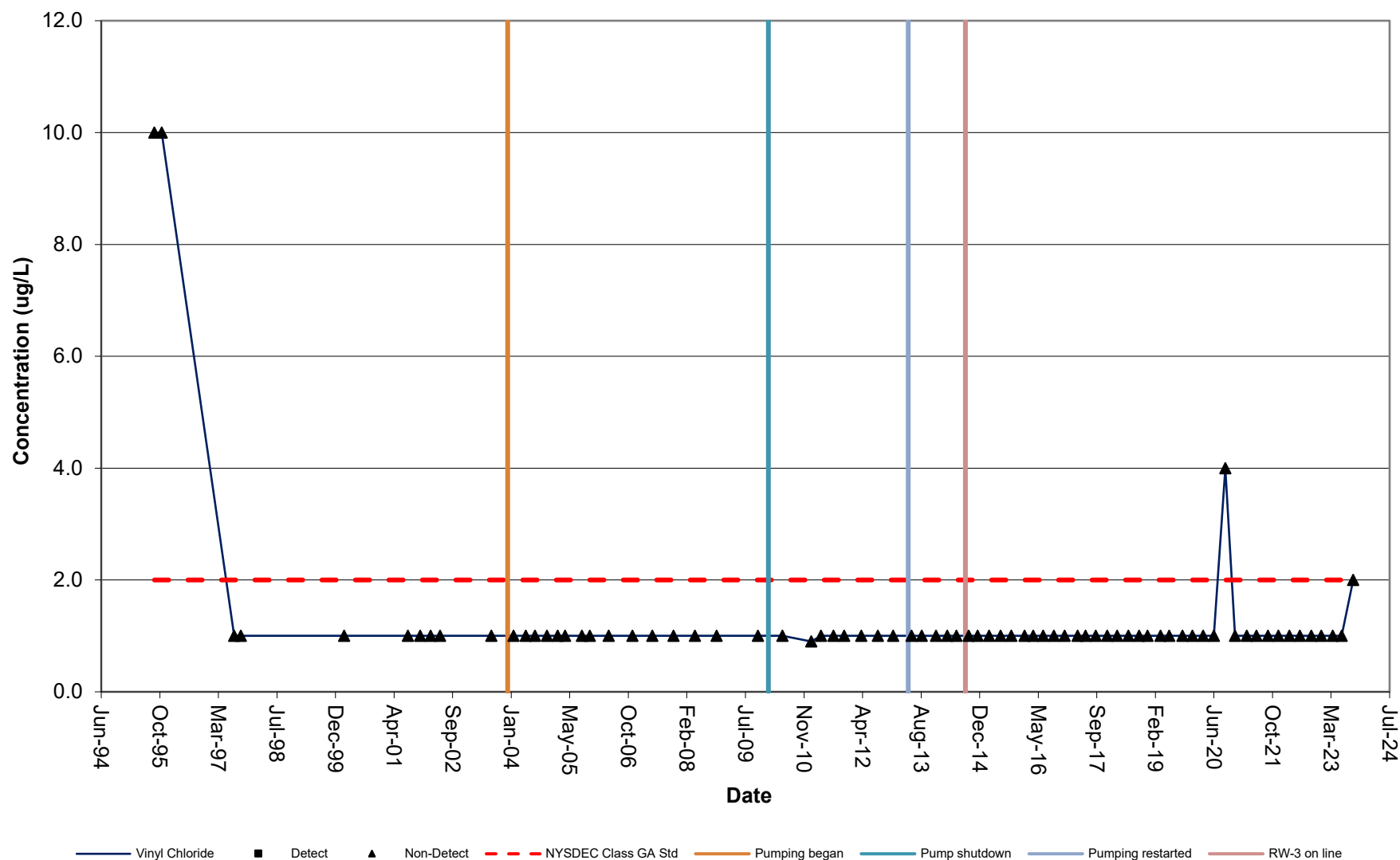
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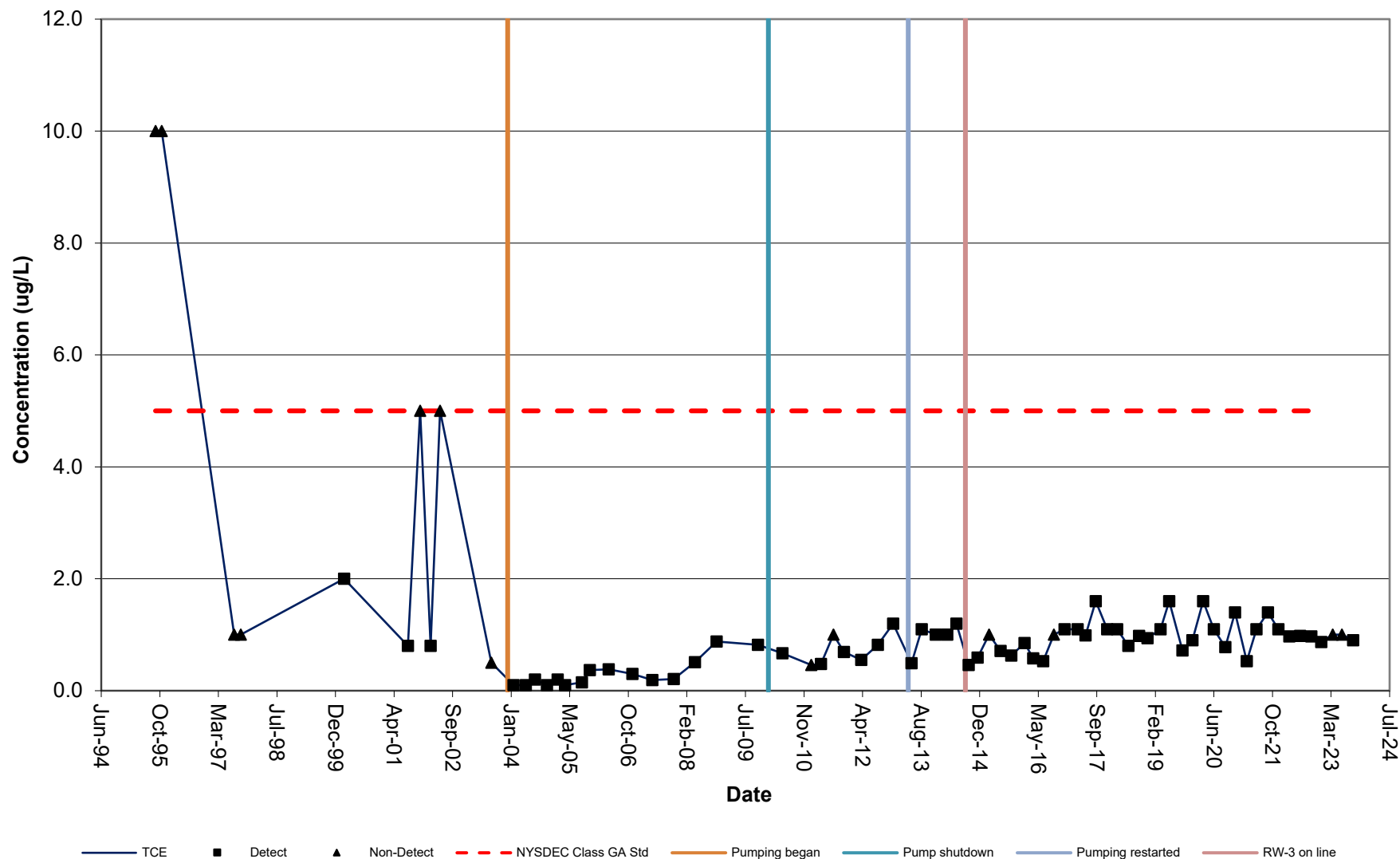
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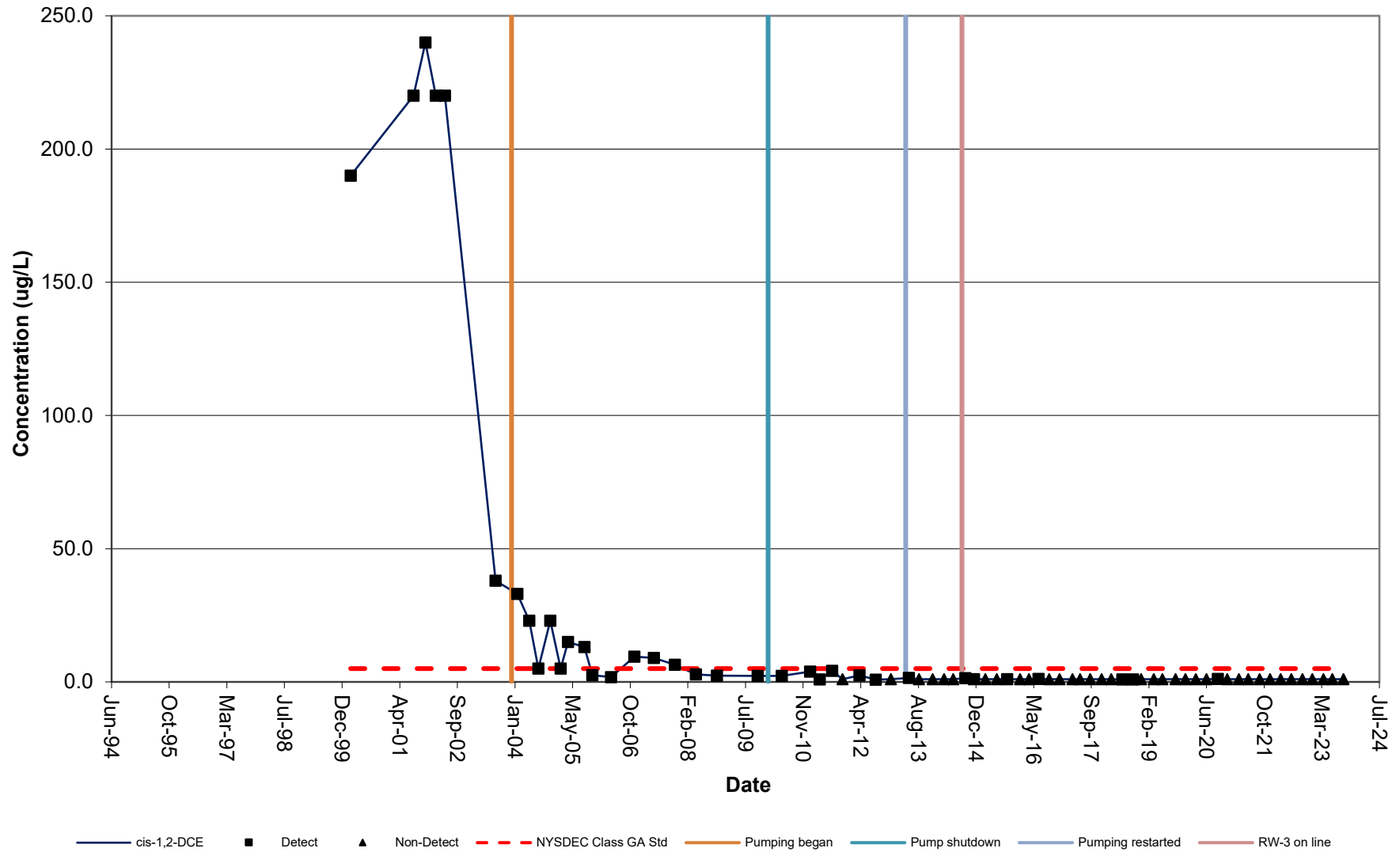
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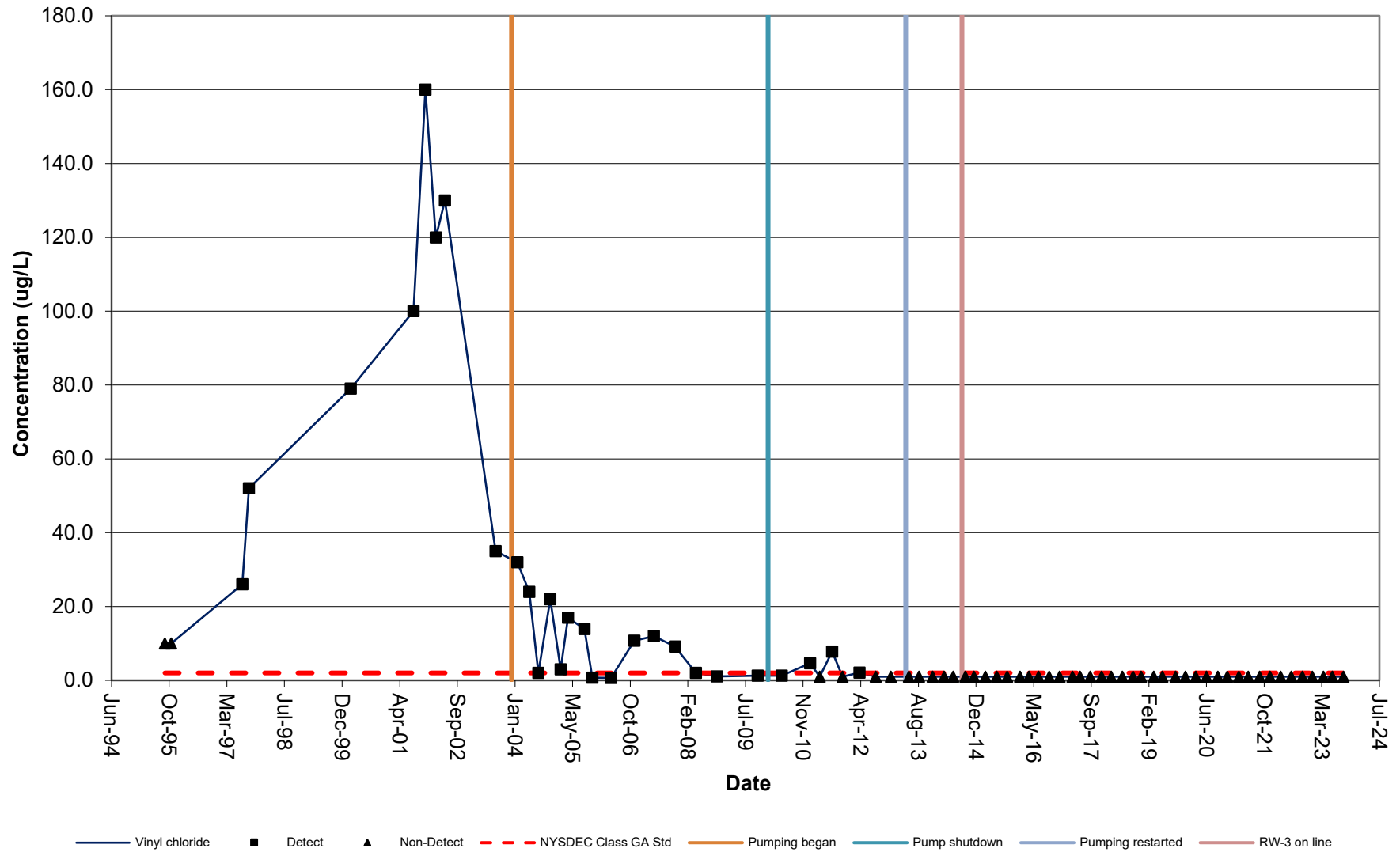
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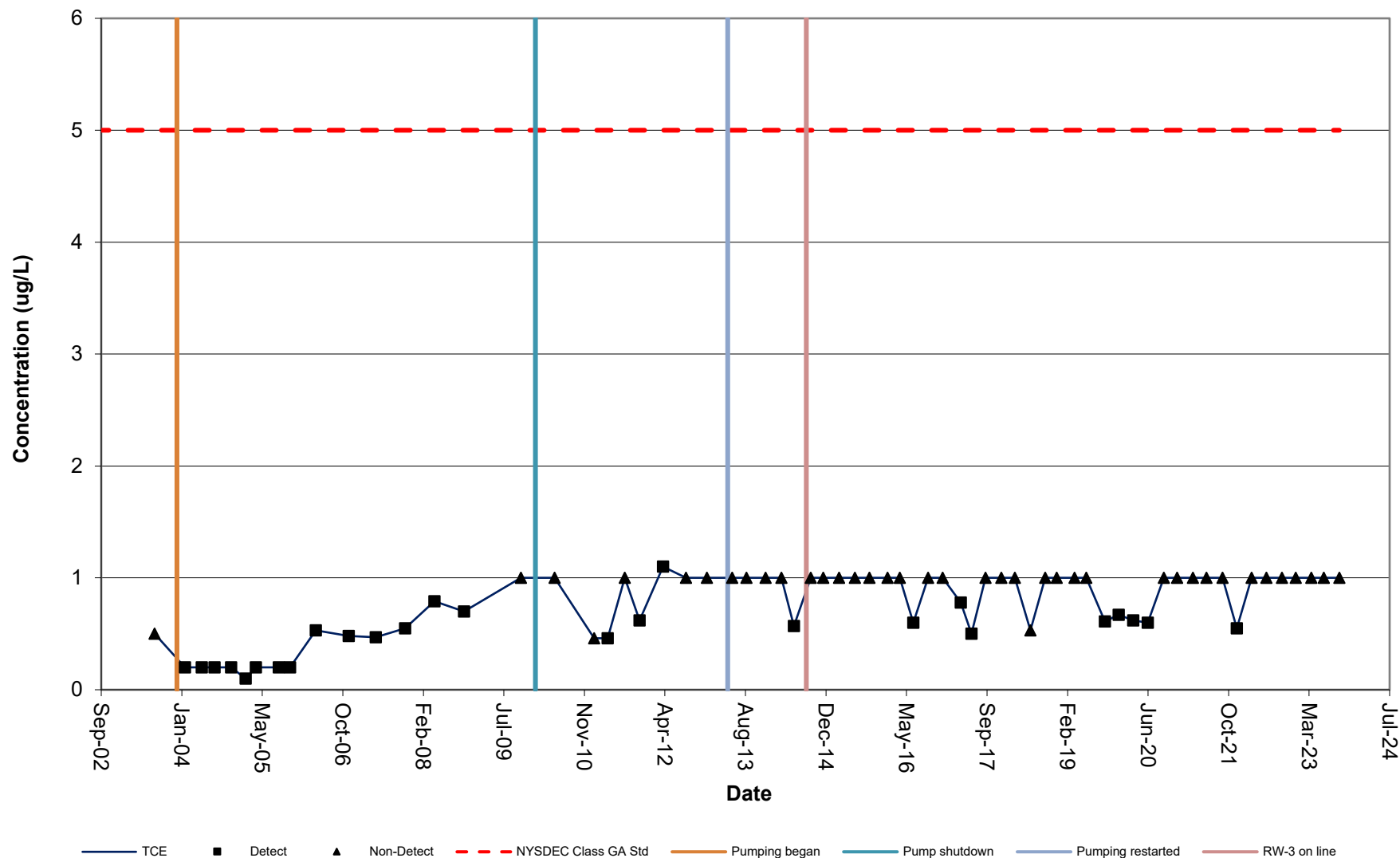
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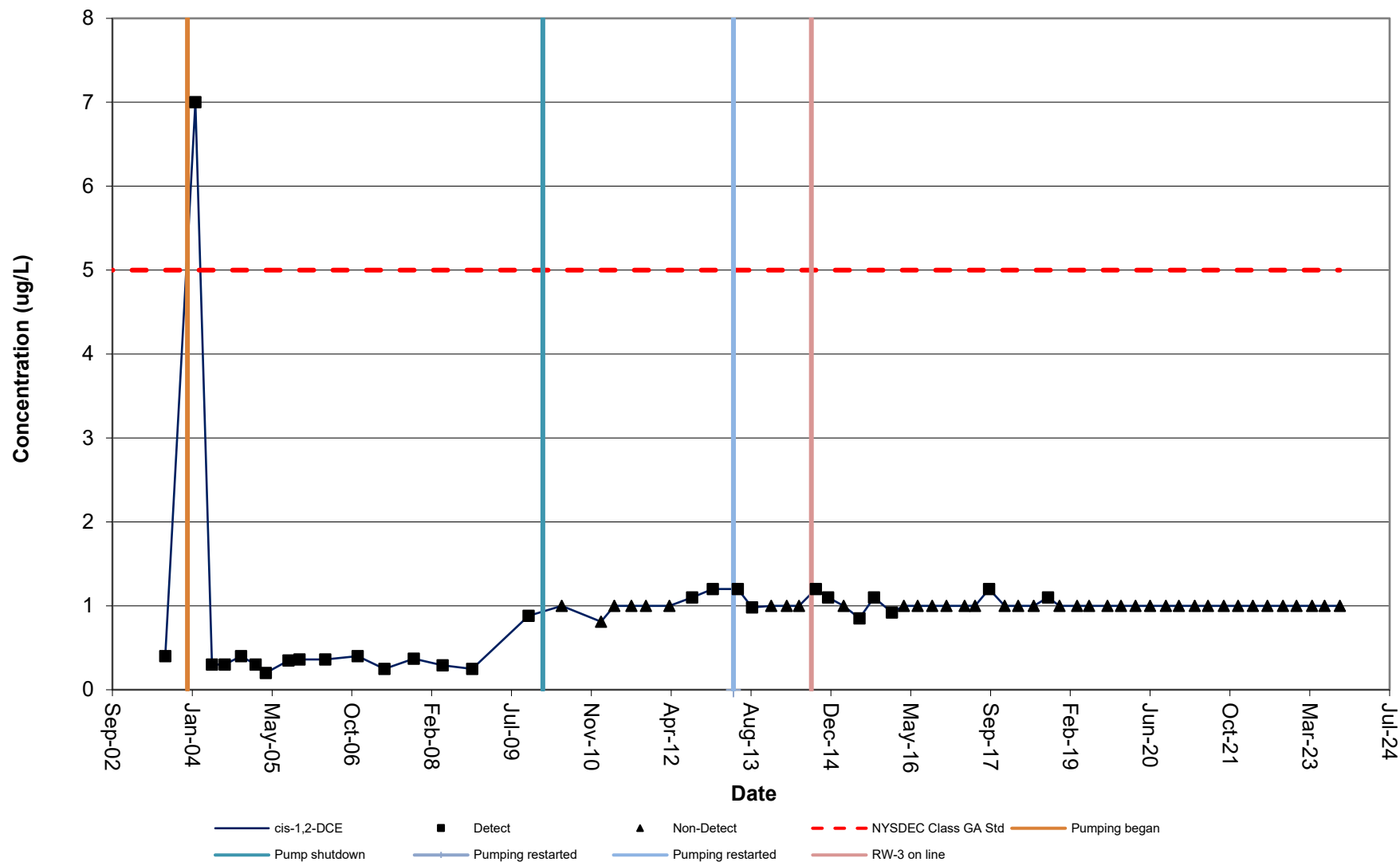
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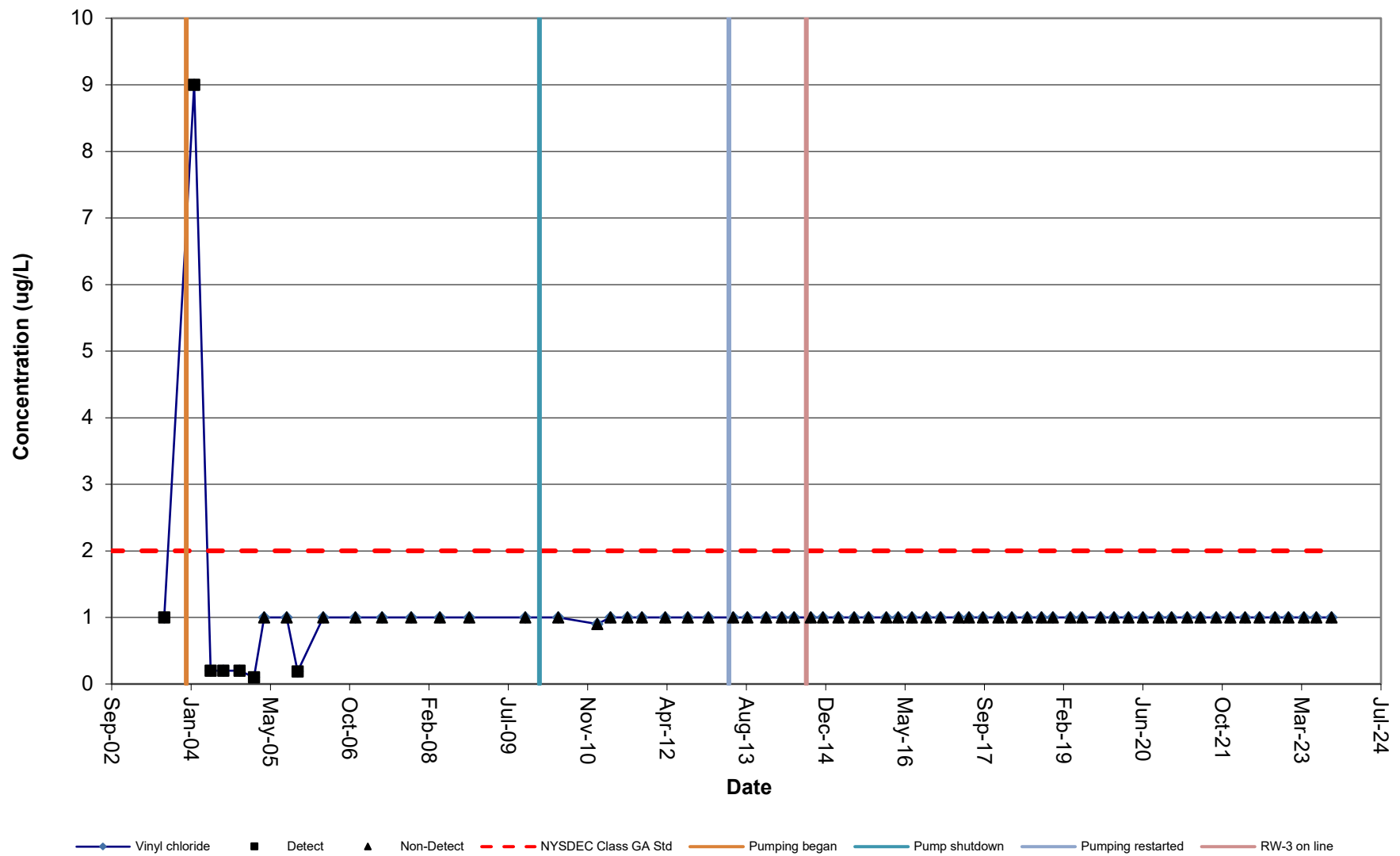
MW-7DD: TCE



MW-7DD: cis-1,2-DCE

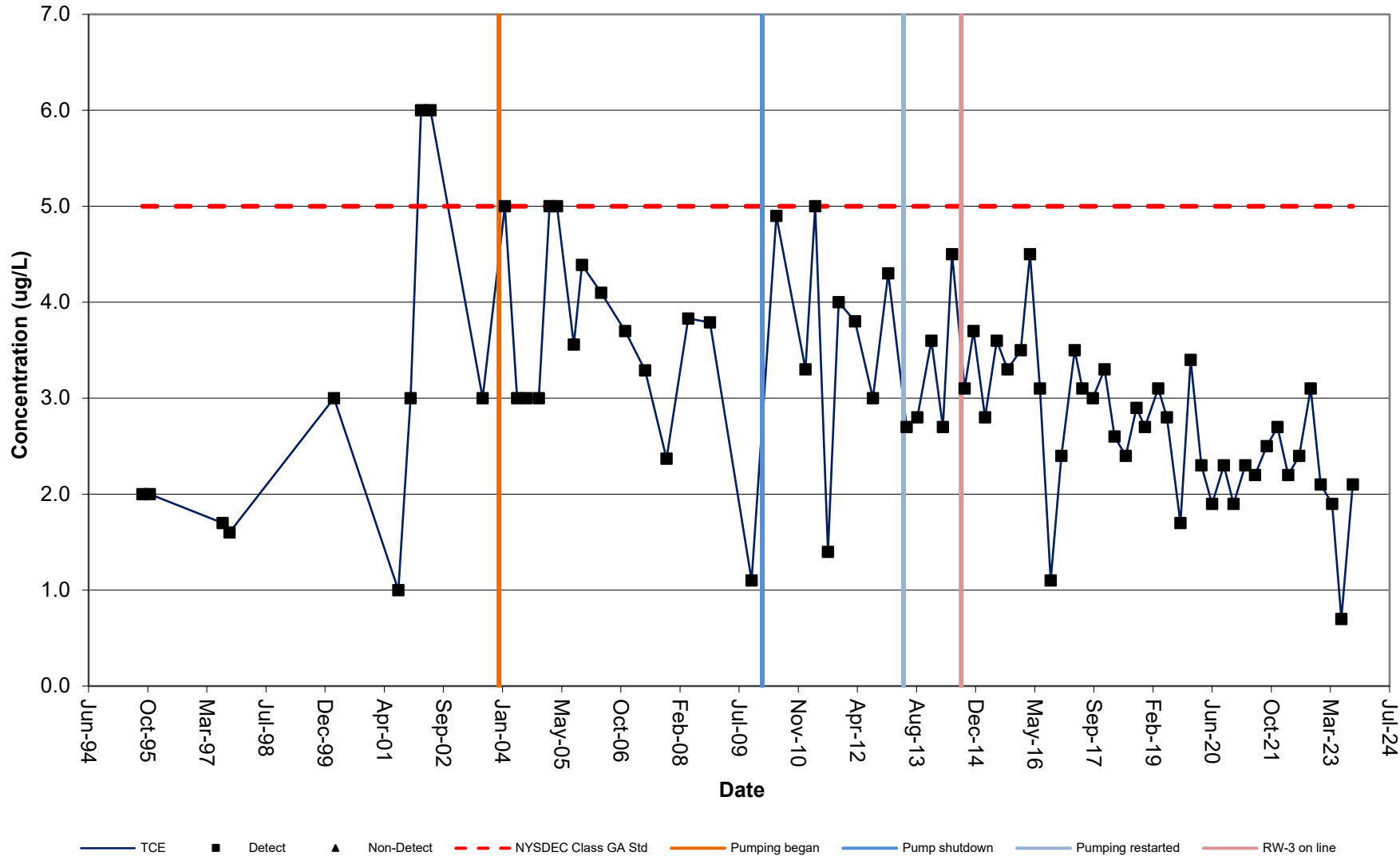


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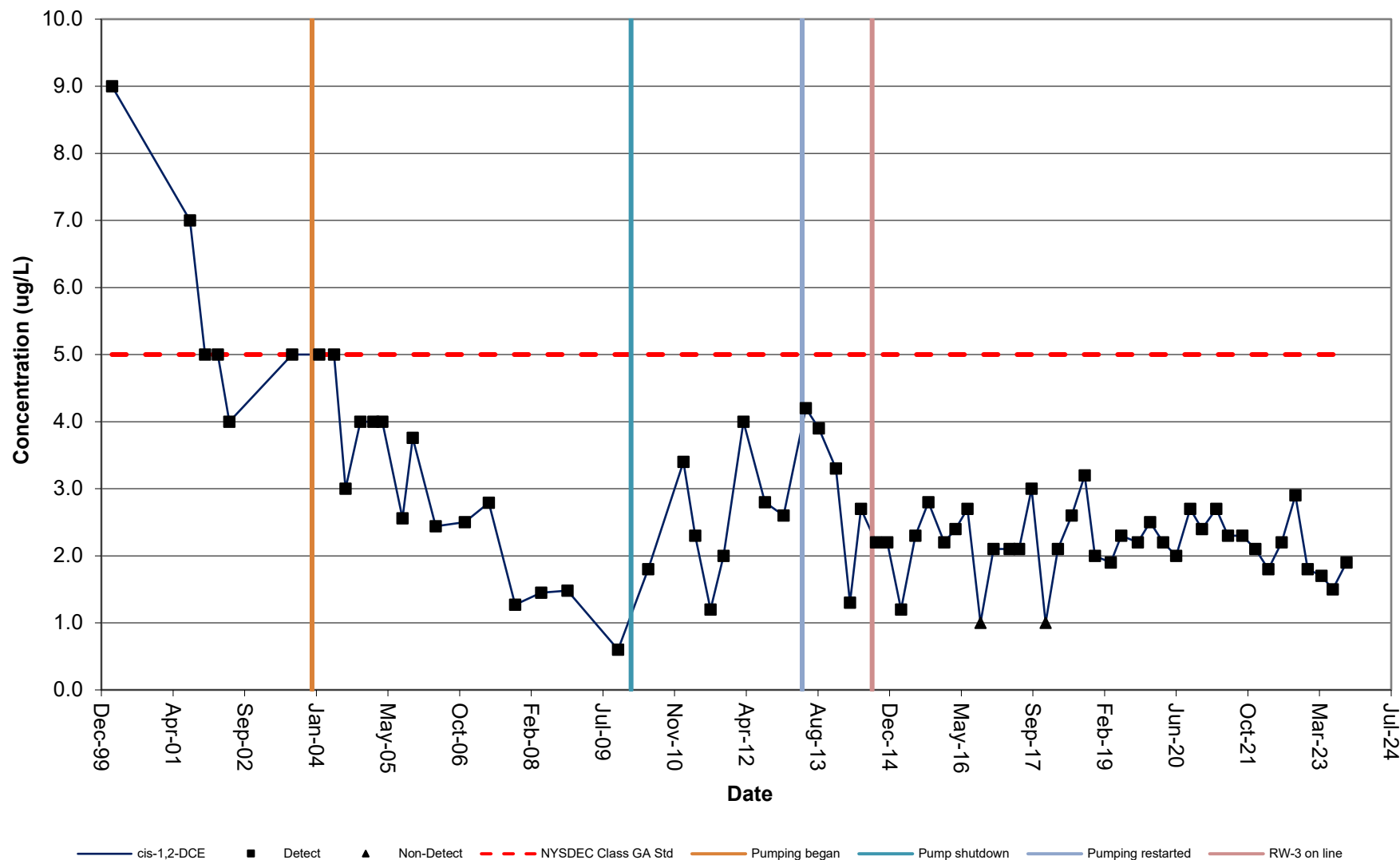


Confidential

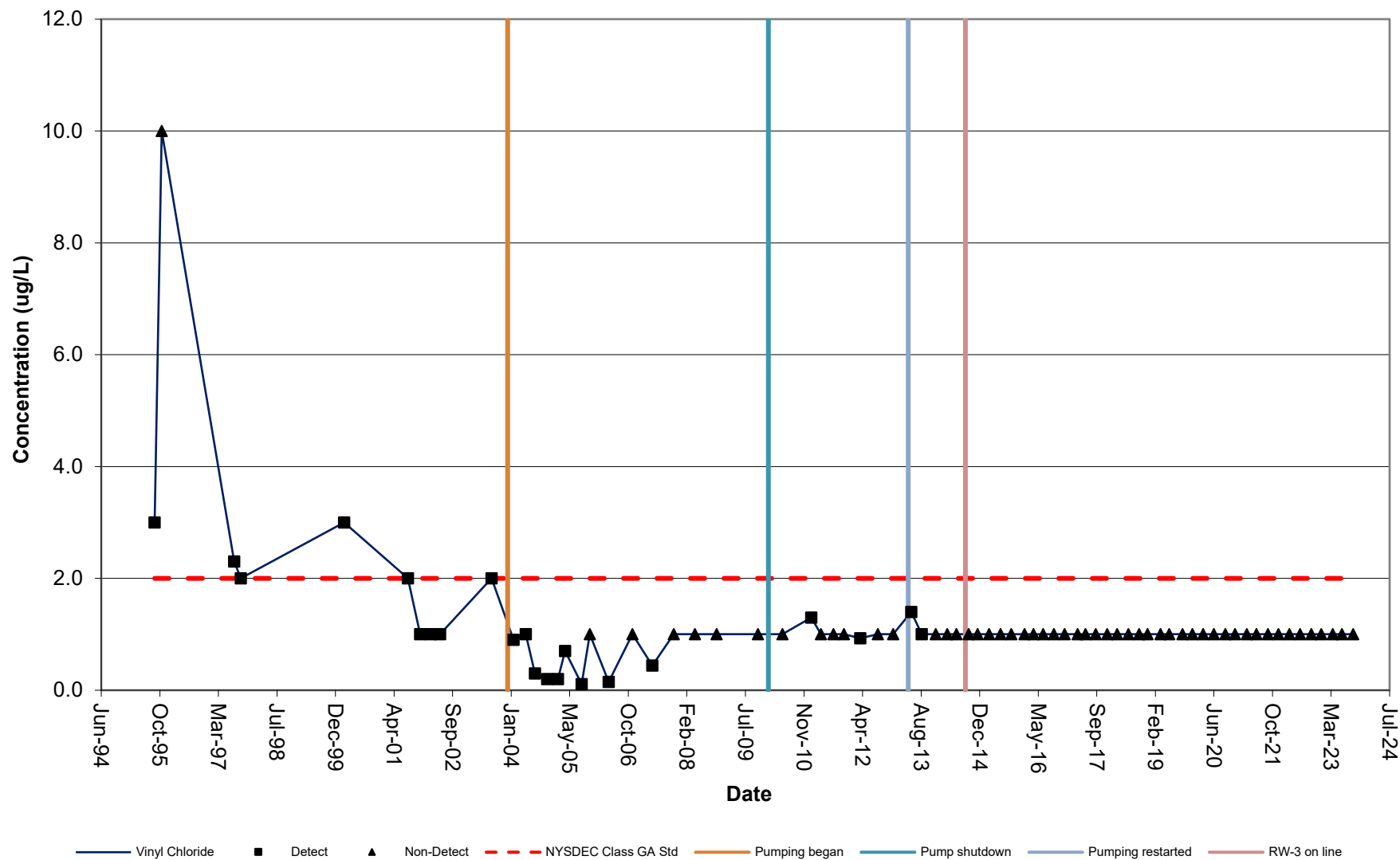
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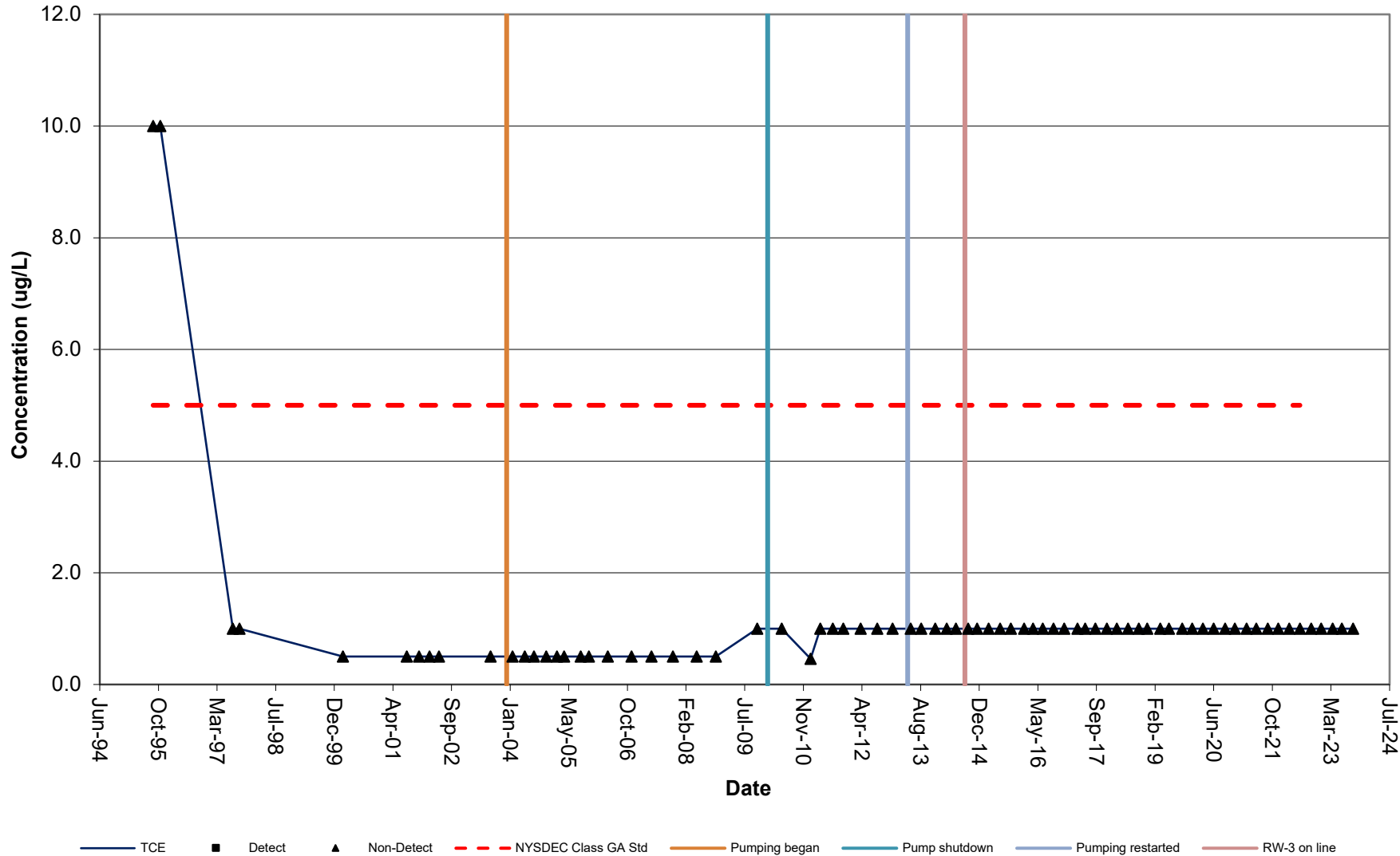
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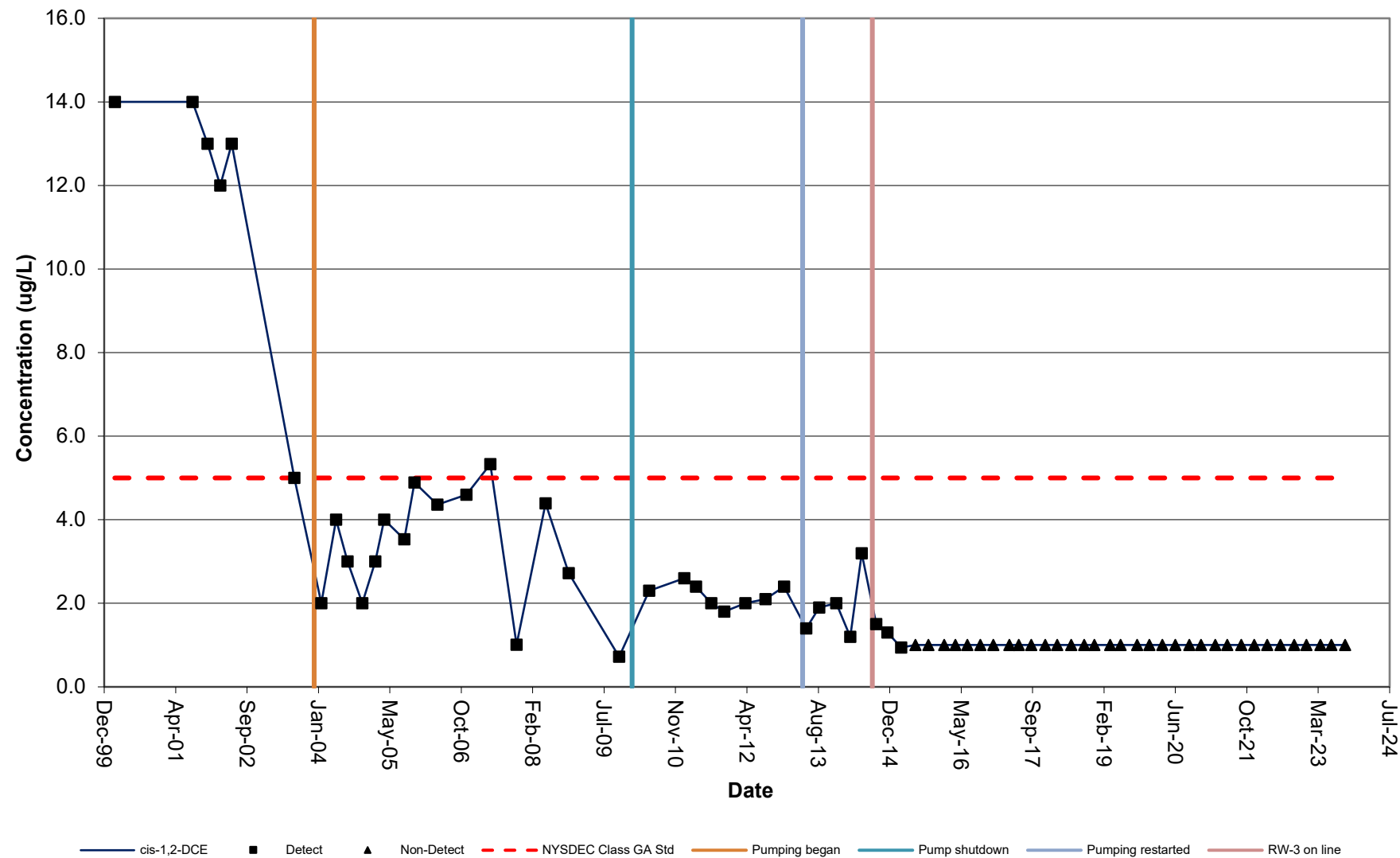
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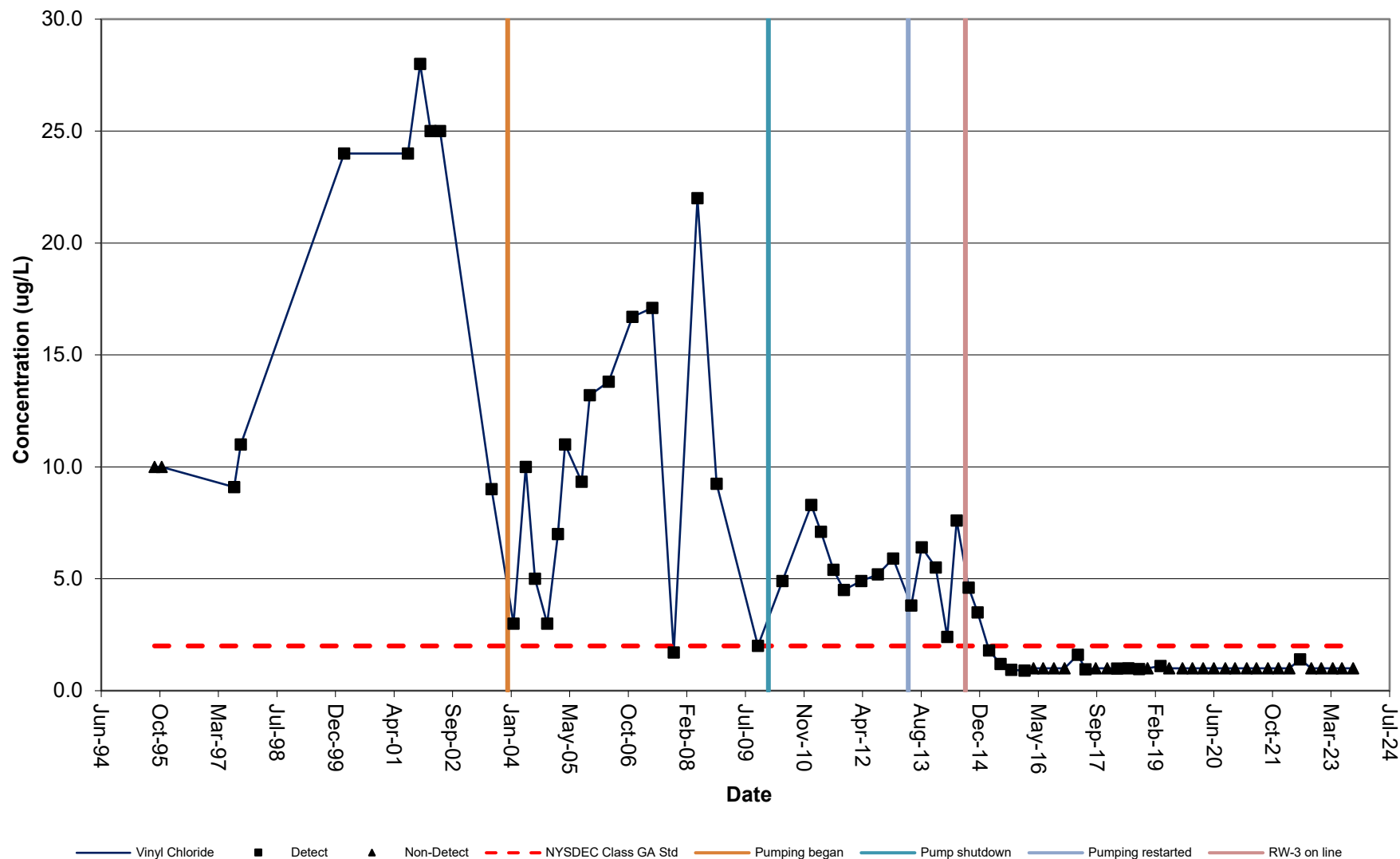
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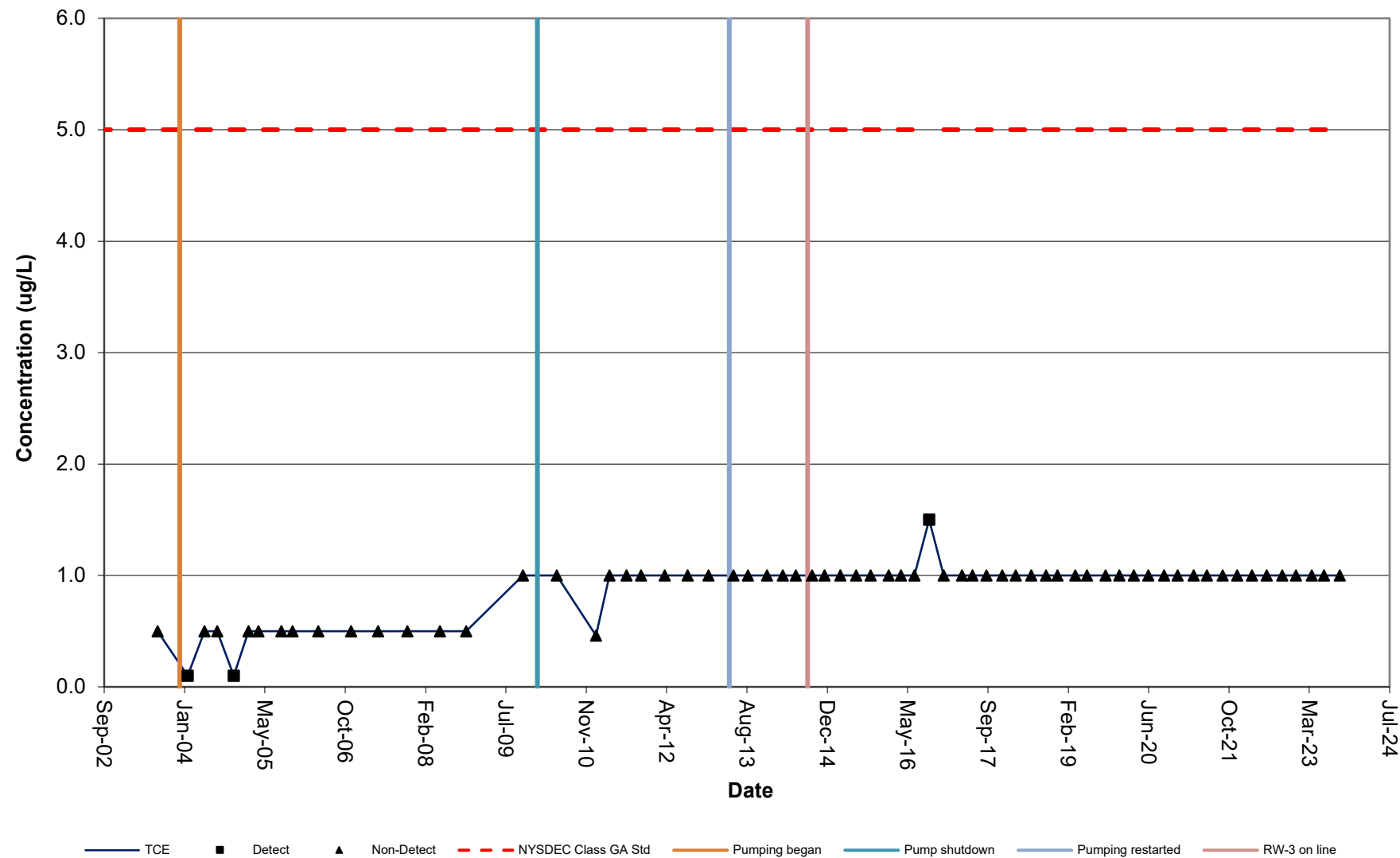
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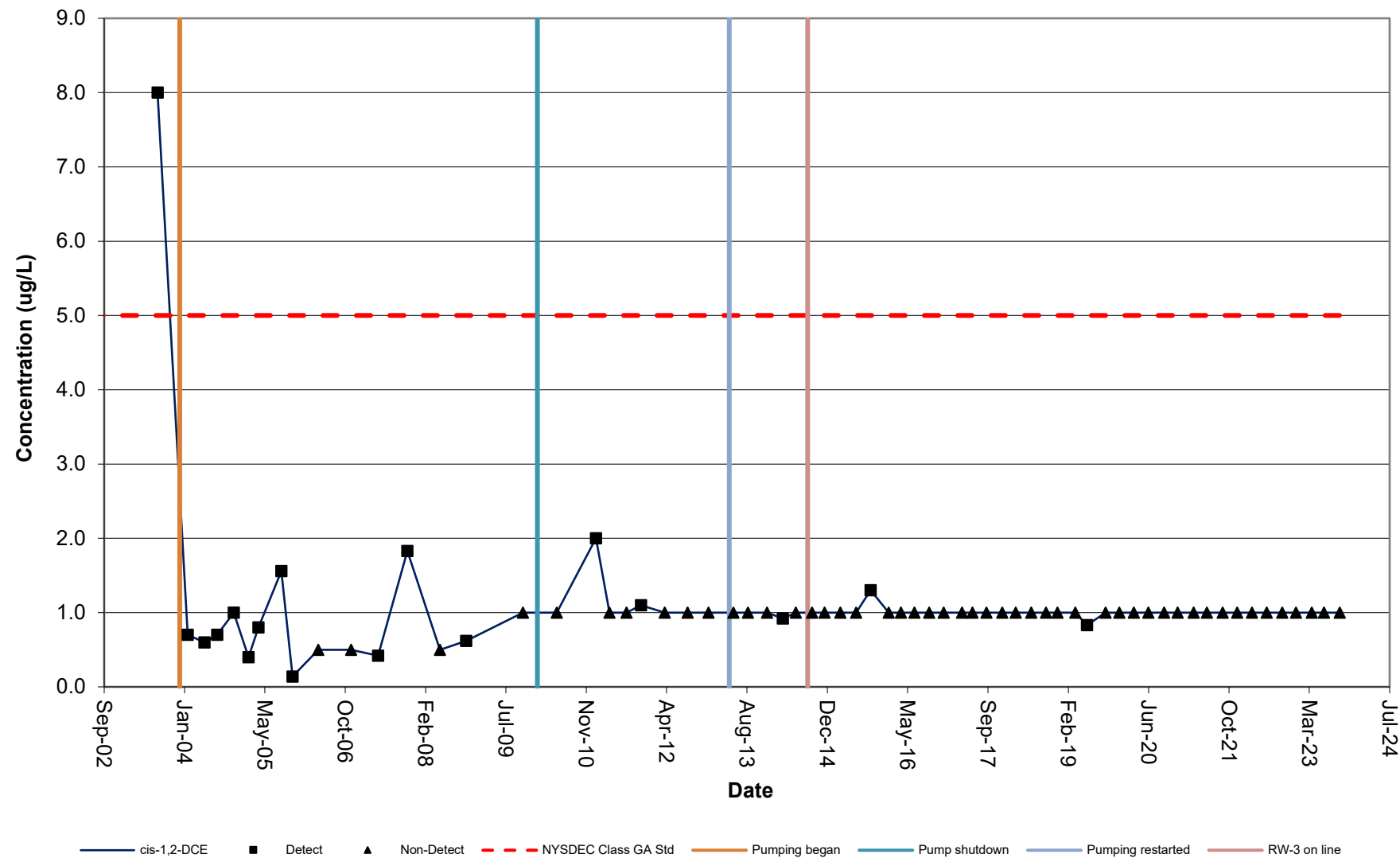
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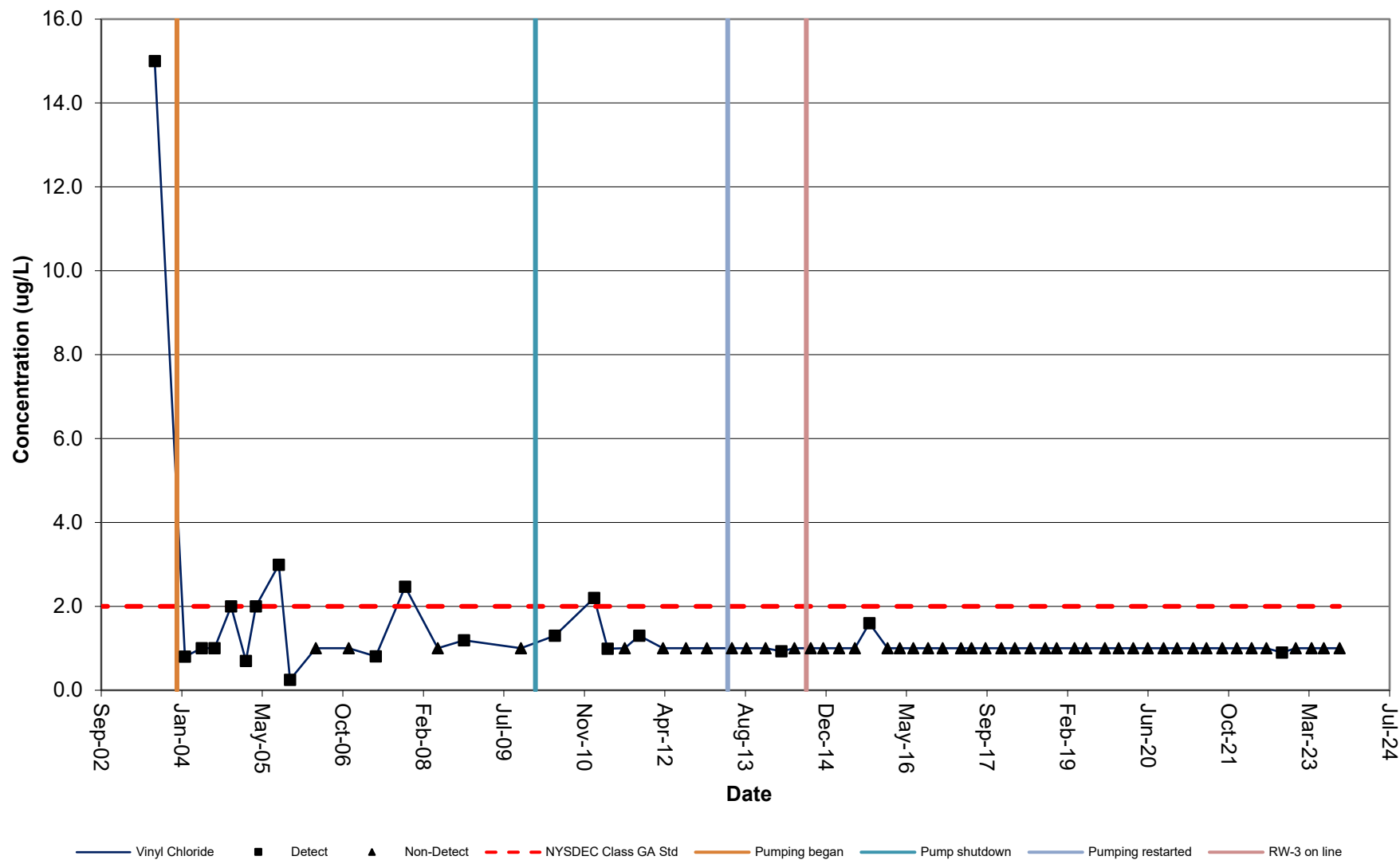
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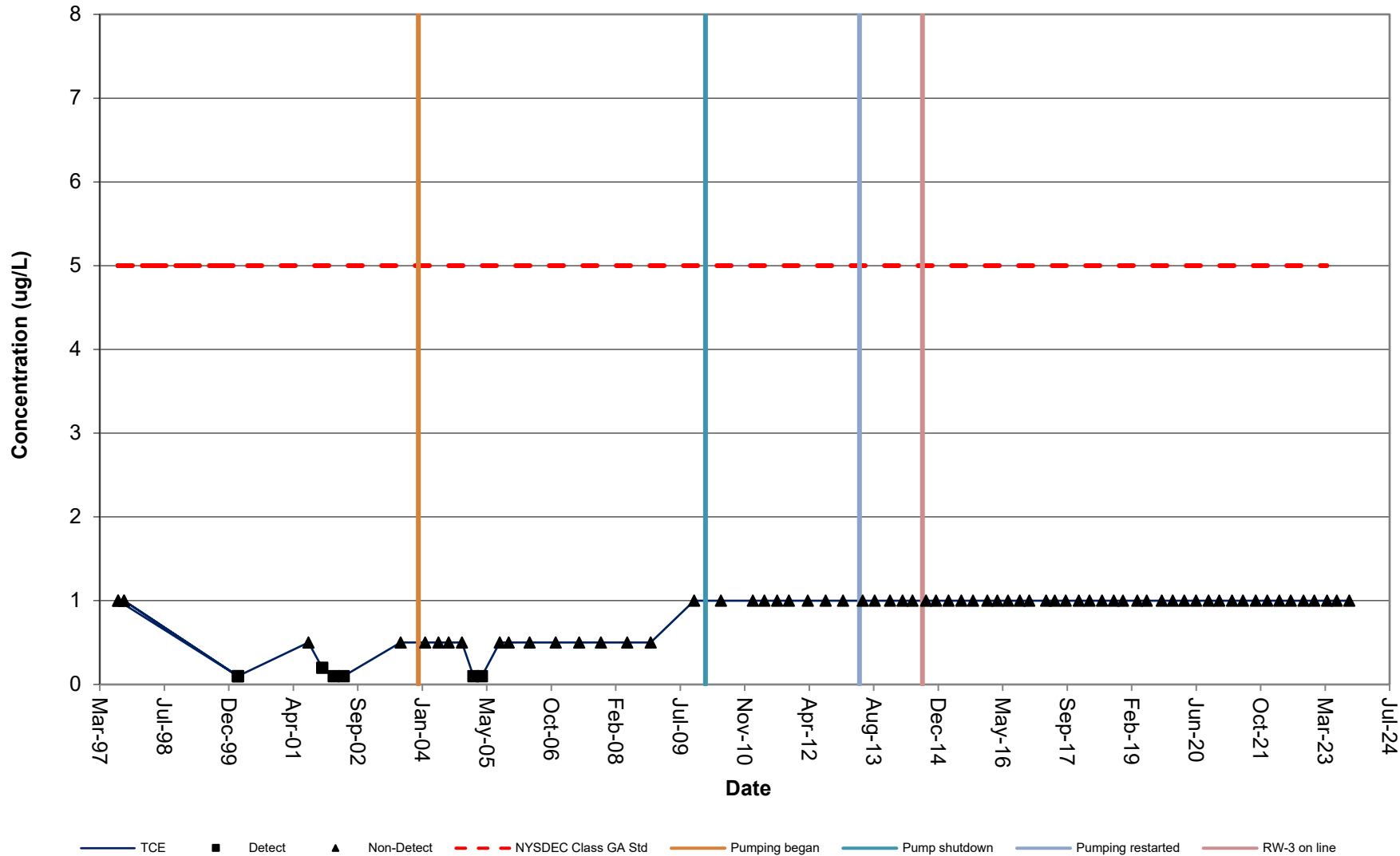
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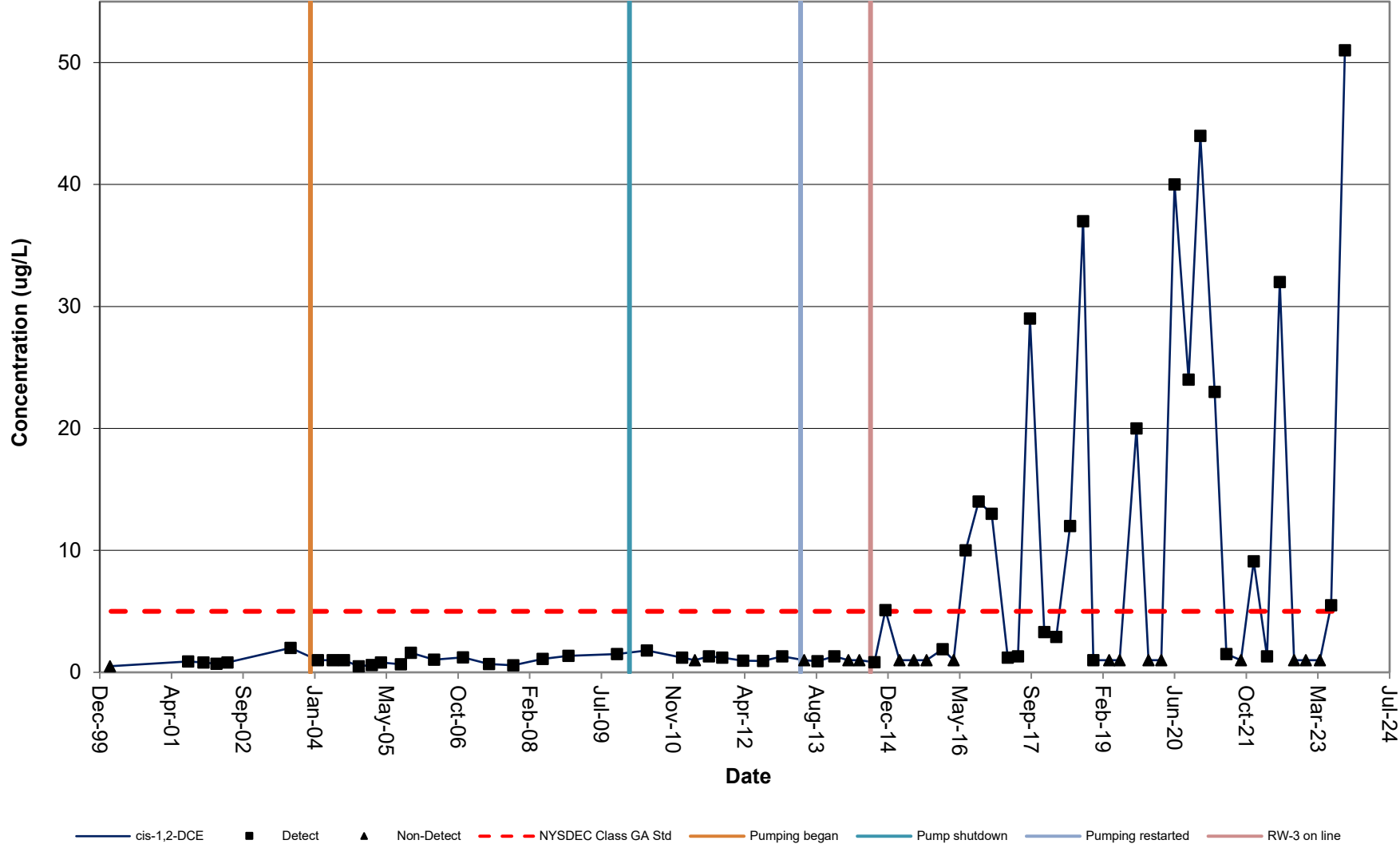
MW-8DD: Vinyl Chloride



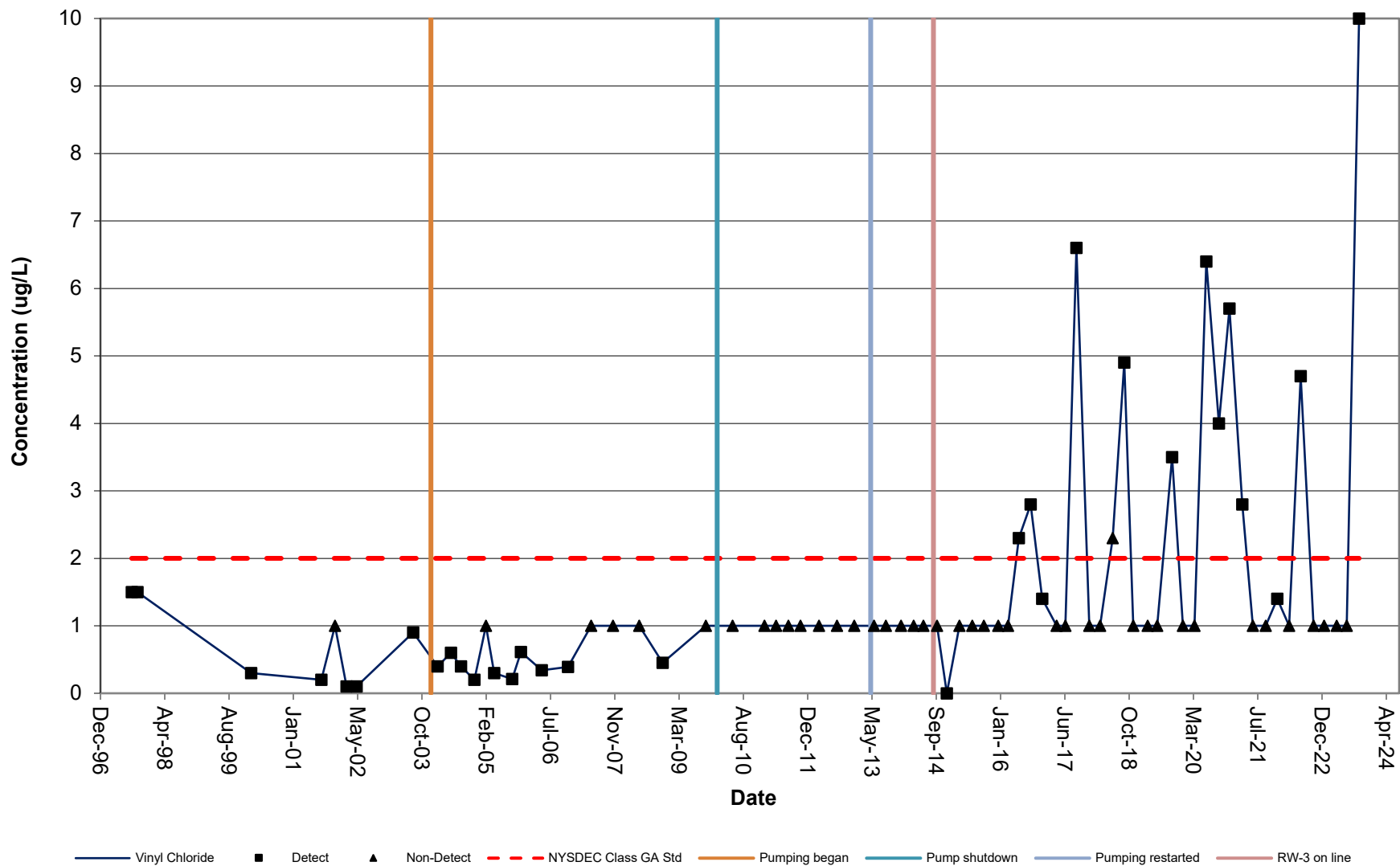
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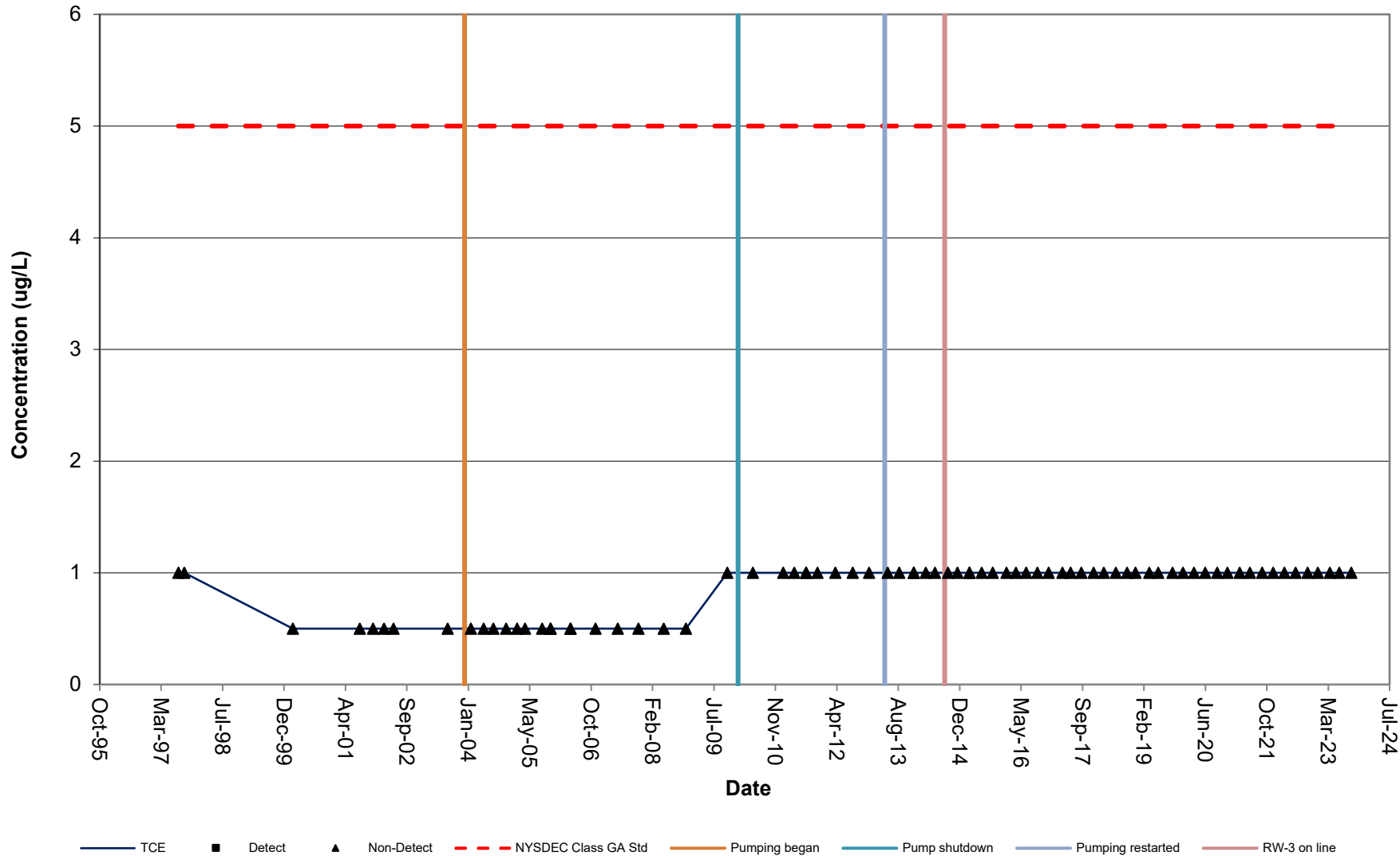
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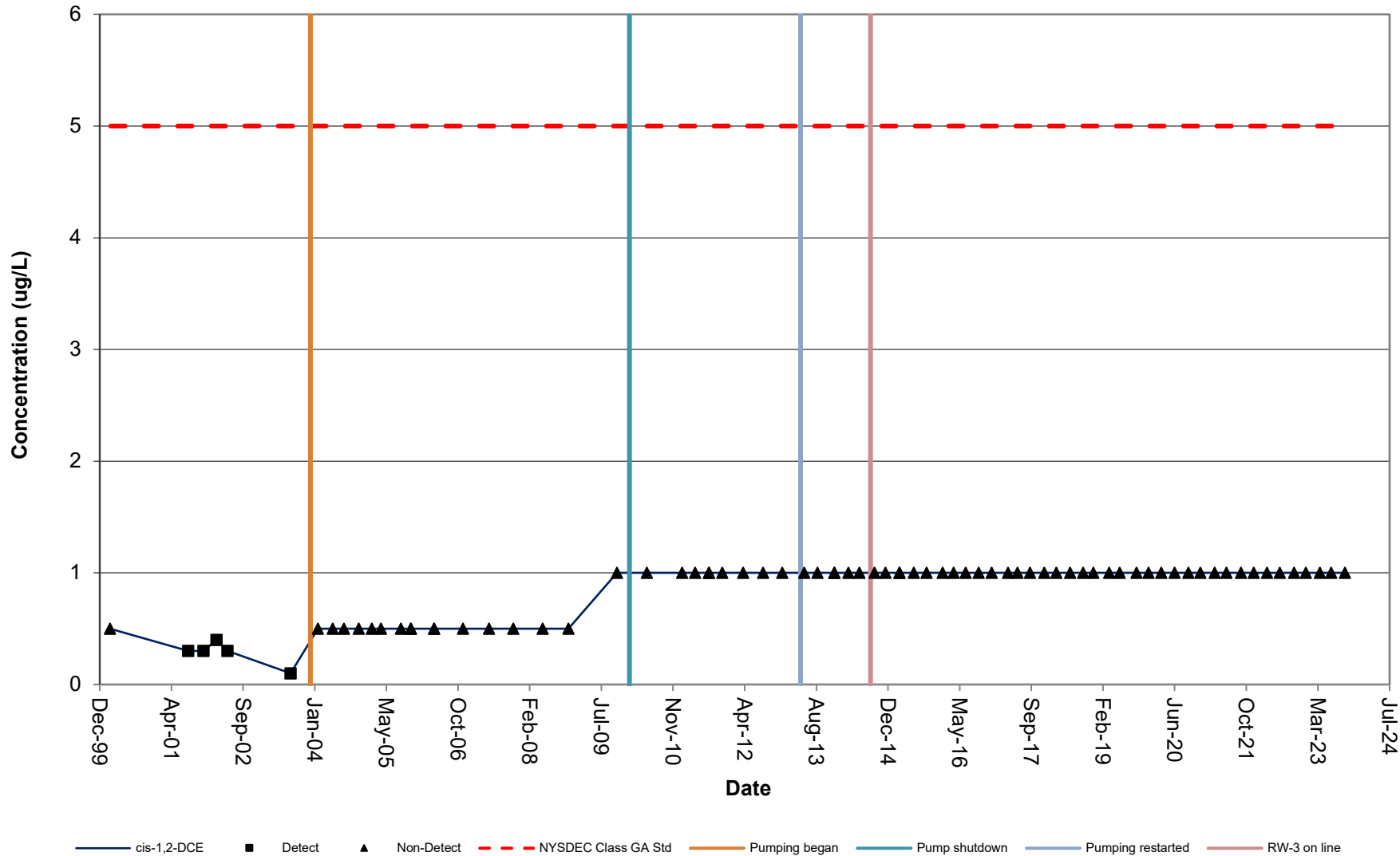
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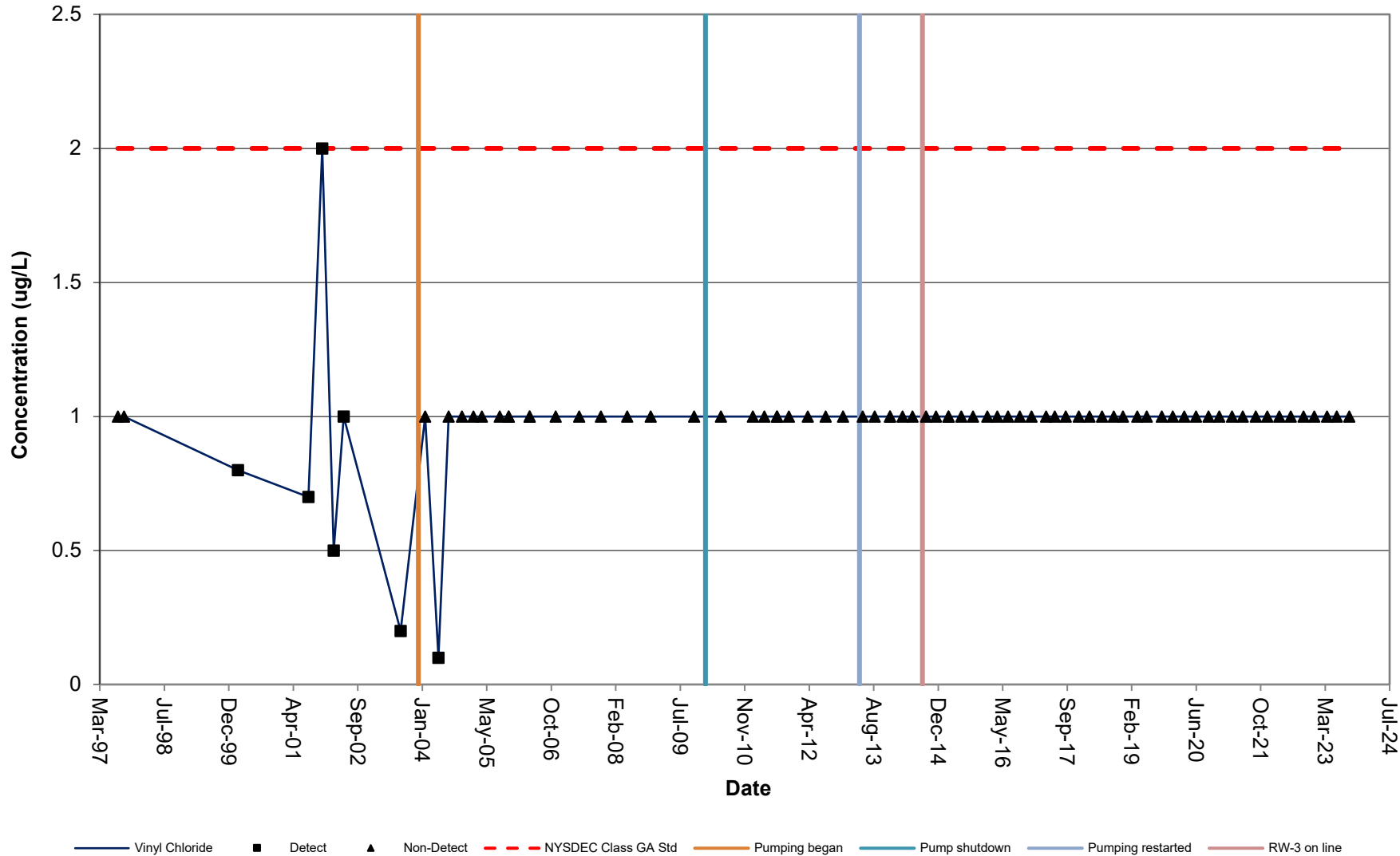
MW-10D: TCE



MW-10D: cis-1,2 DCE



MW-10D: Vinyl Chloride



APPENDIX E

REQUEST FOR APPROVAL OF MODIFICATION OF GROUNDWATER MONITORING AND REPORTING FREQUENCY

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 August 31, 2022

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.

Ramboll
333 West Washington Street
Syracuse, NY 13202
USA

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F 315-463-7554
<https://ramboll.com>

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 starting 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 semiannual report and one annual report be submitted. It is proposed that the format of future semiannual reports be similar to the current quarterly reports. The format of the future annual reports will remain consistent with current annual reports.

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

A handwritten signature in black ink that reads "James Cavotta".

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



- 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



CURRENT GROUNDWATER MONITORING PROGRAM

FOREST GLEN SUPERFUND SITE
NIAGARA COUNTY, NEW YORK

AUGUST 2022

FIGURE 01

O'BRIEN & GERE ENGINEERS
A RAMBOLL COMPANY



IMAGE REFERENCE: BING MAPS 11/2018.



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



PROPOSED GROUNDWATER MONITORING PROGRAM

FOREST GLEN SUPERFUND SITE
NIAGARA COUNTY, NEW YORK

AUGUST 2022

FIGURE 02

O'BRIEN & GERE ENGINEERS
A RAMBOLL COMPANY



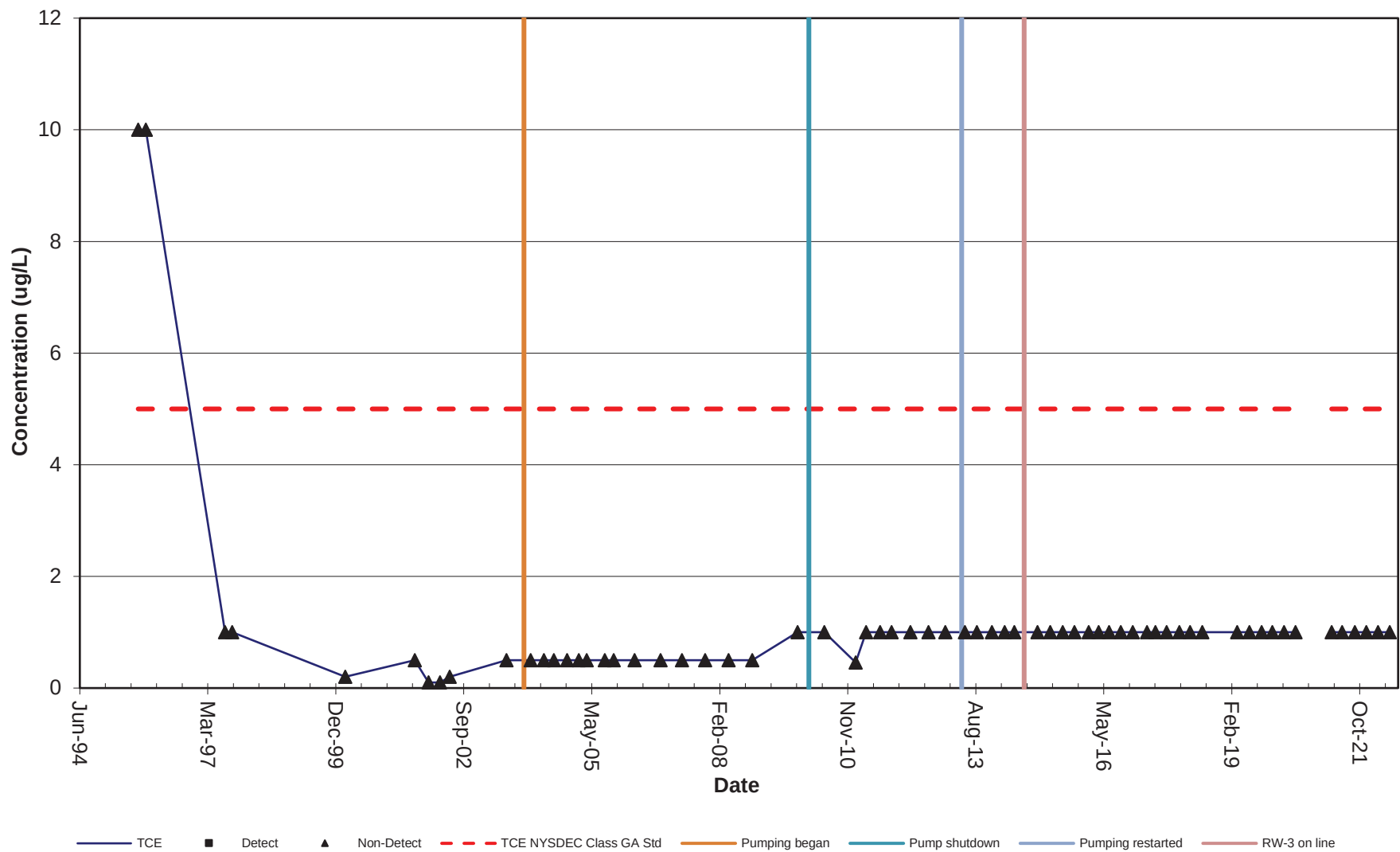


ATTACHMENT A

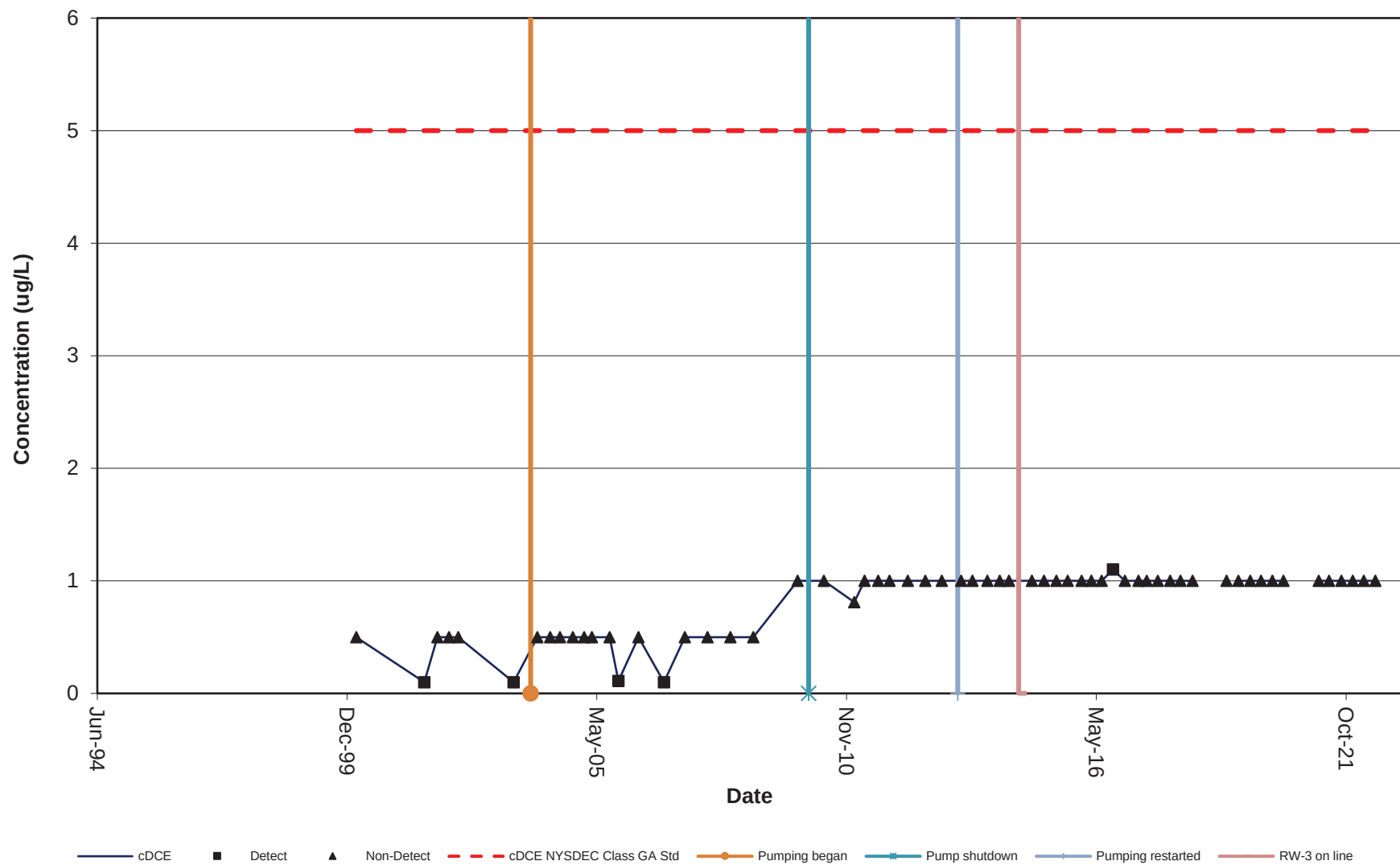
CONCENTRATION TREND GRAPHS

**(PREVIOUSLY PROVIDED IN THE SECOND QUARTER 2022
GROUNDWATER RESULTS LETTER)**

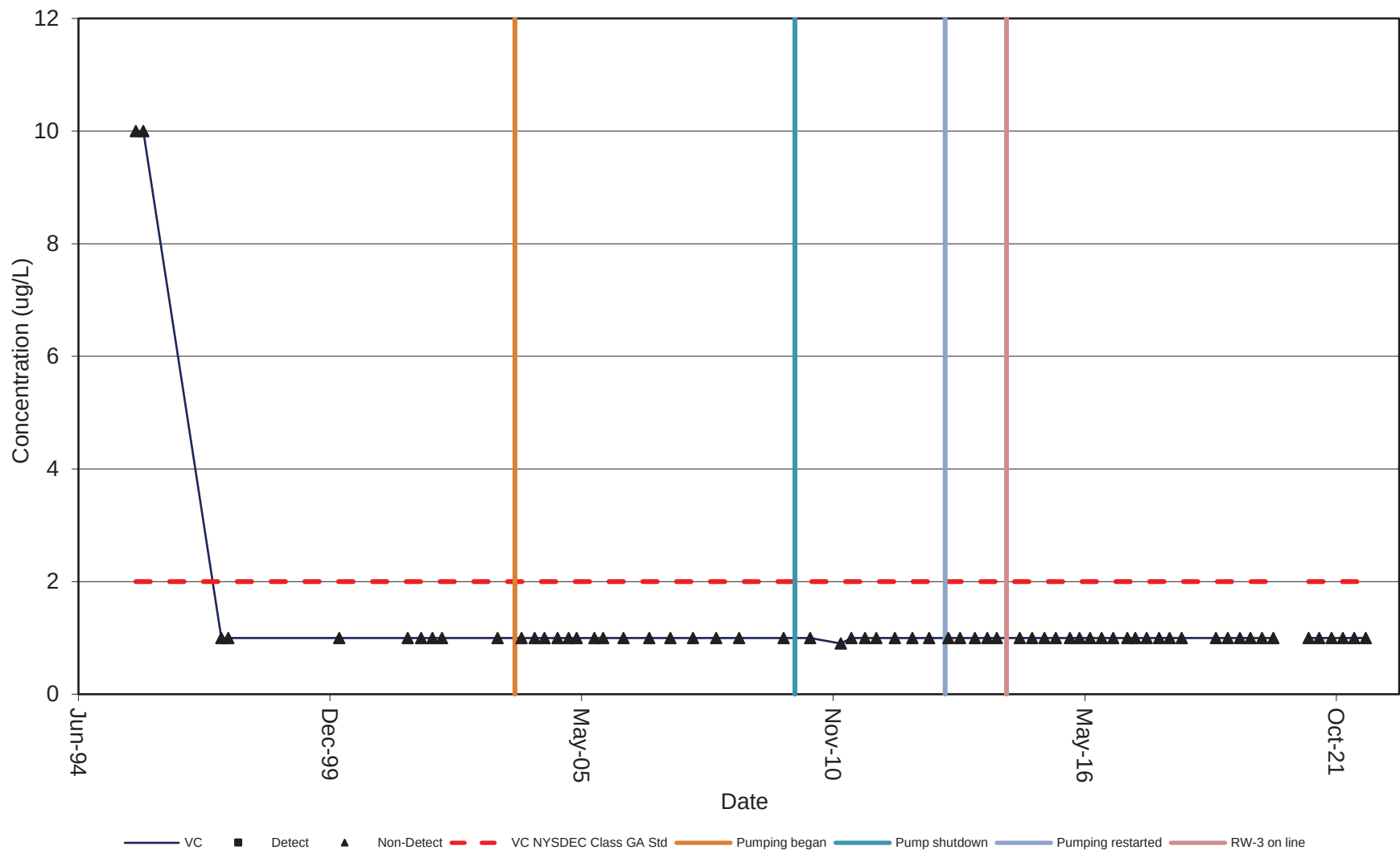
MW-4S: TCE



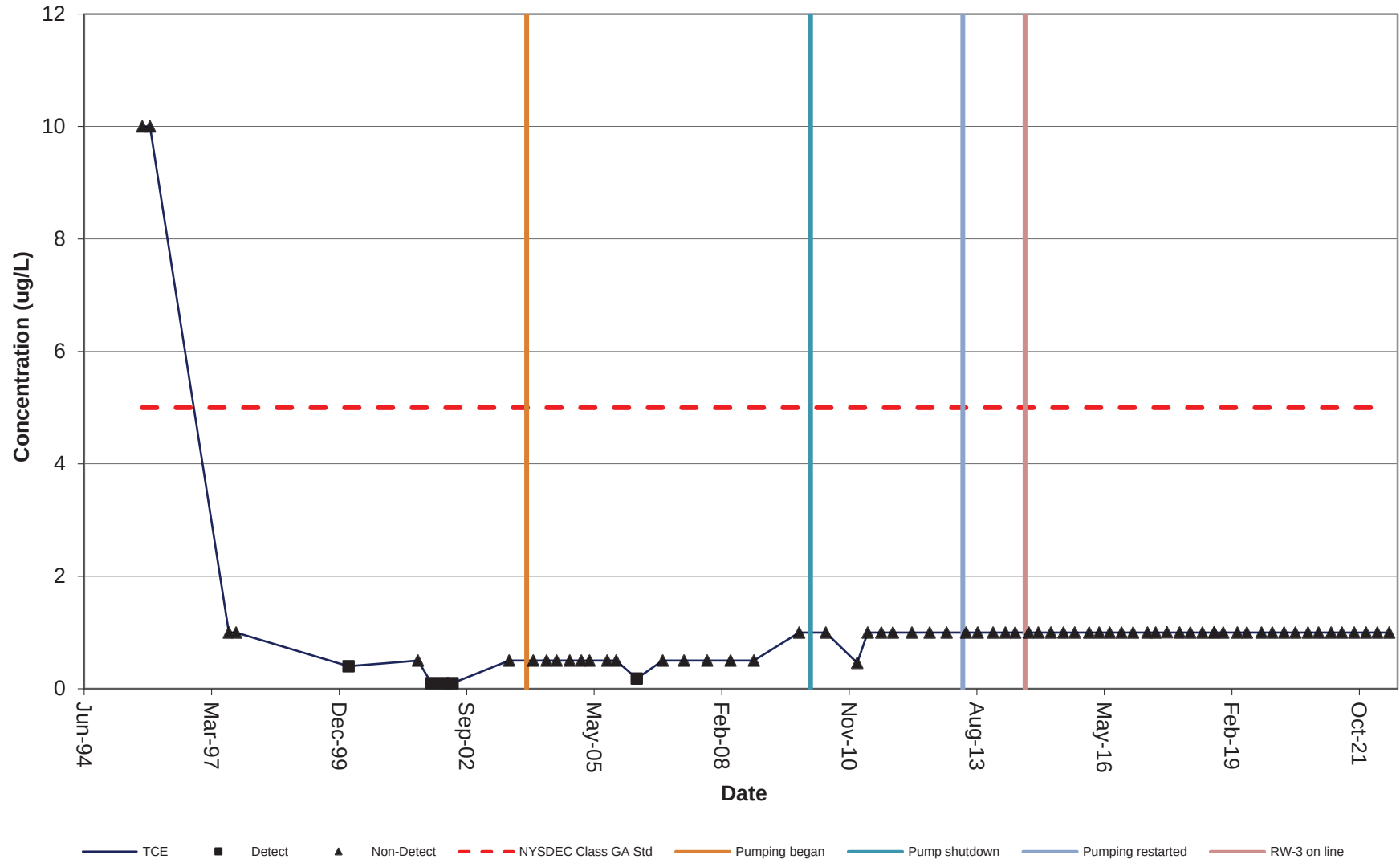
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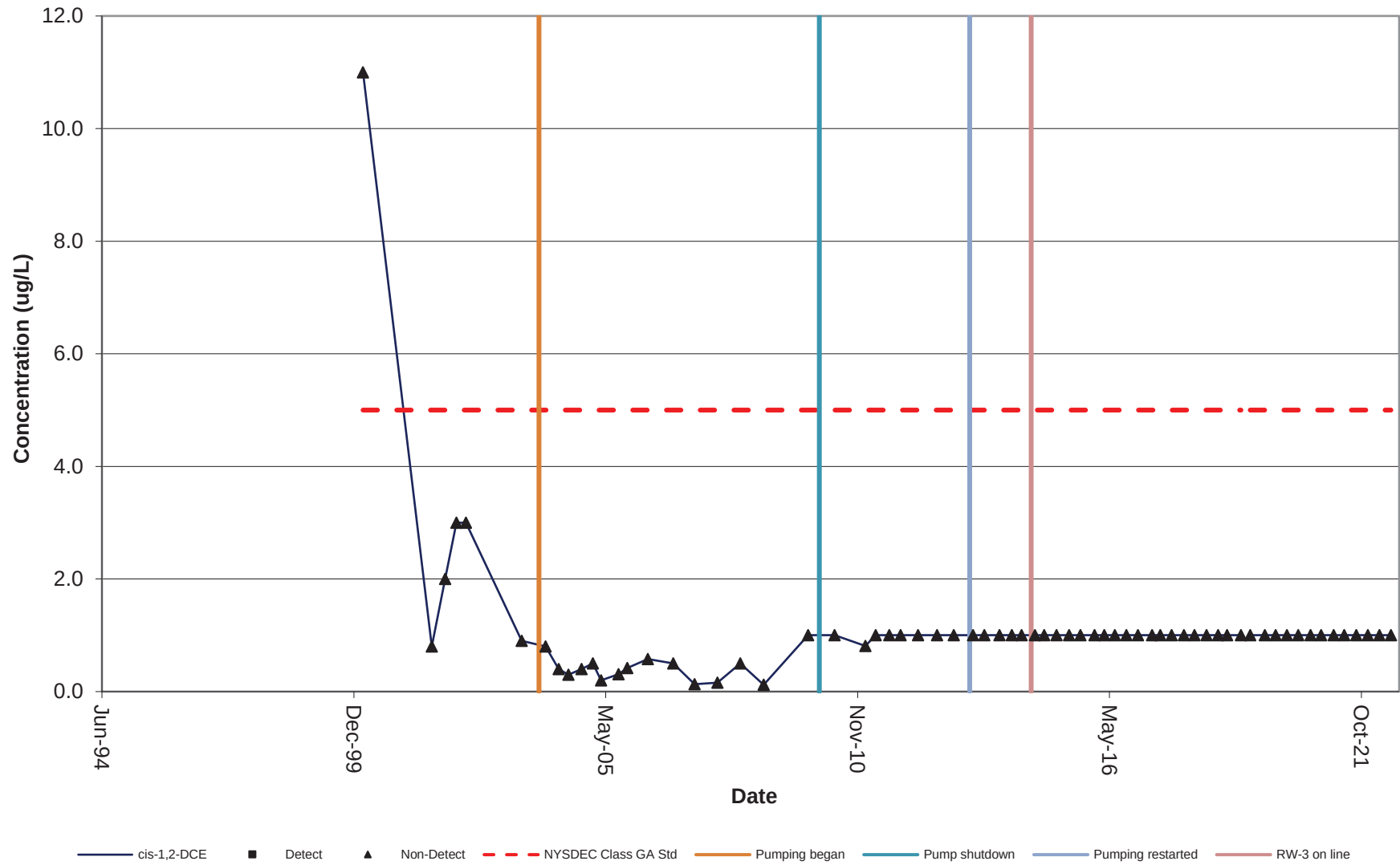
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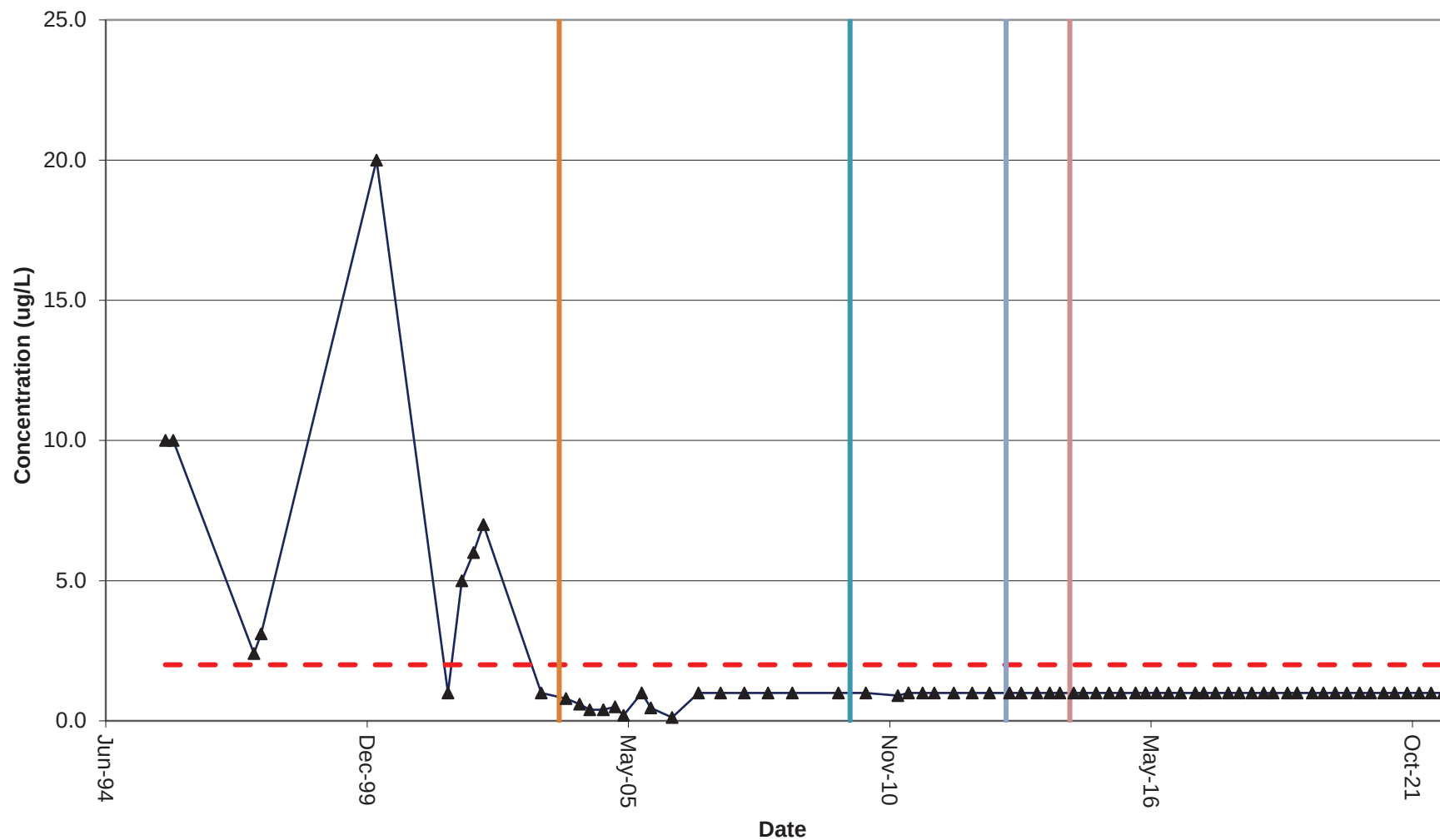
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MW-4D: cis-1,2-DCE

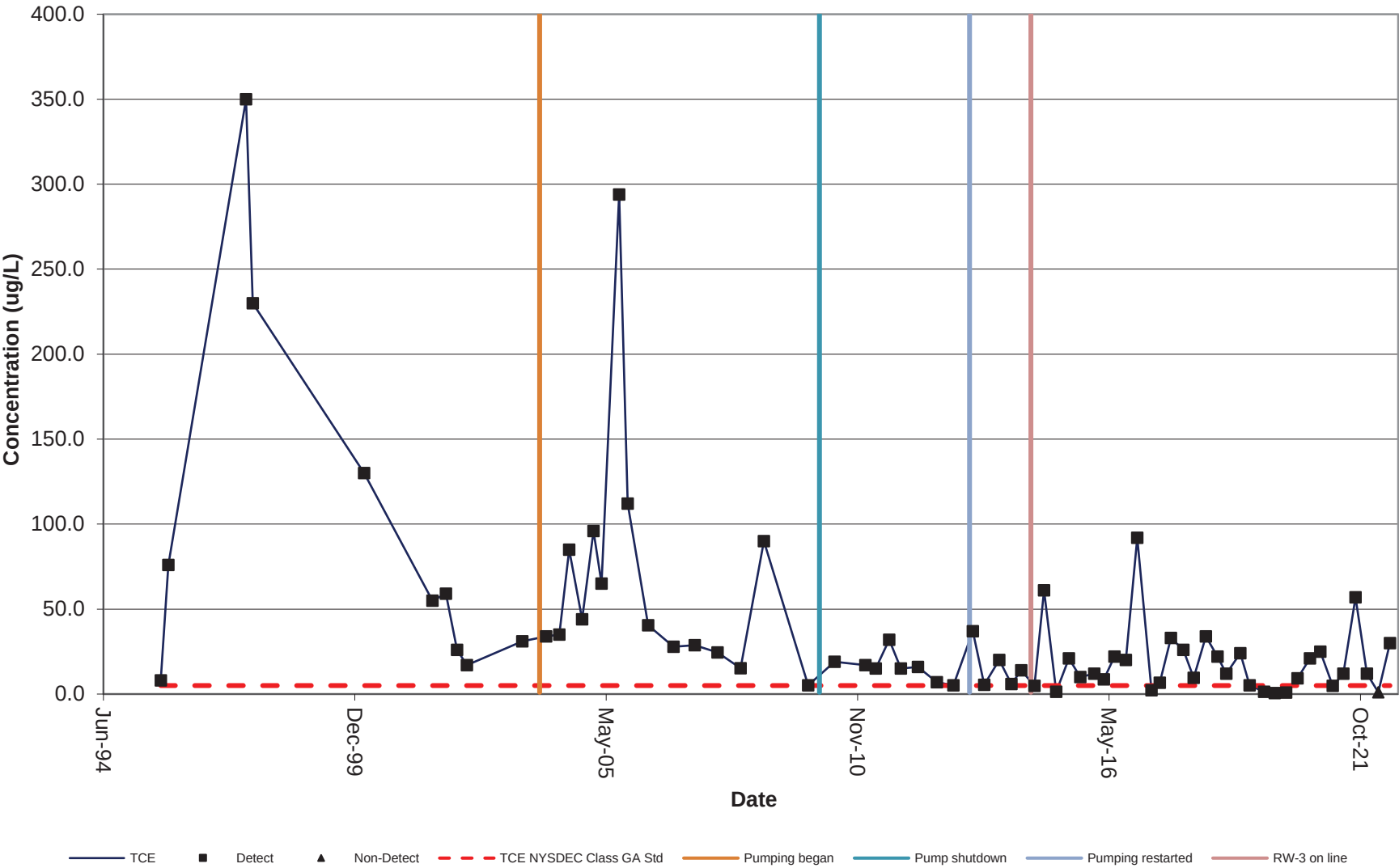


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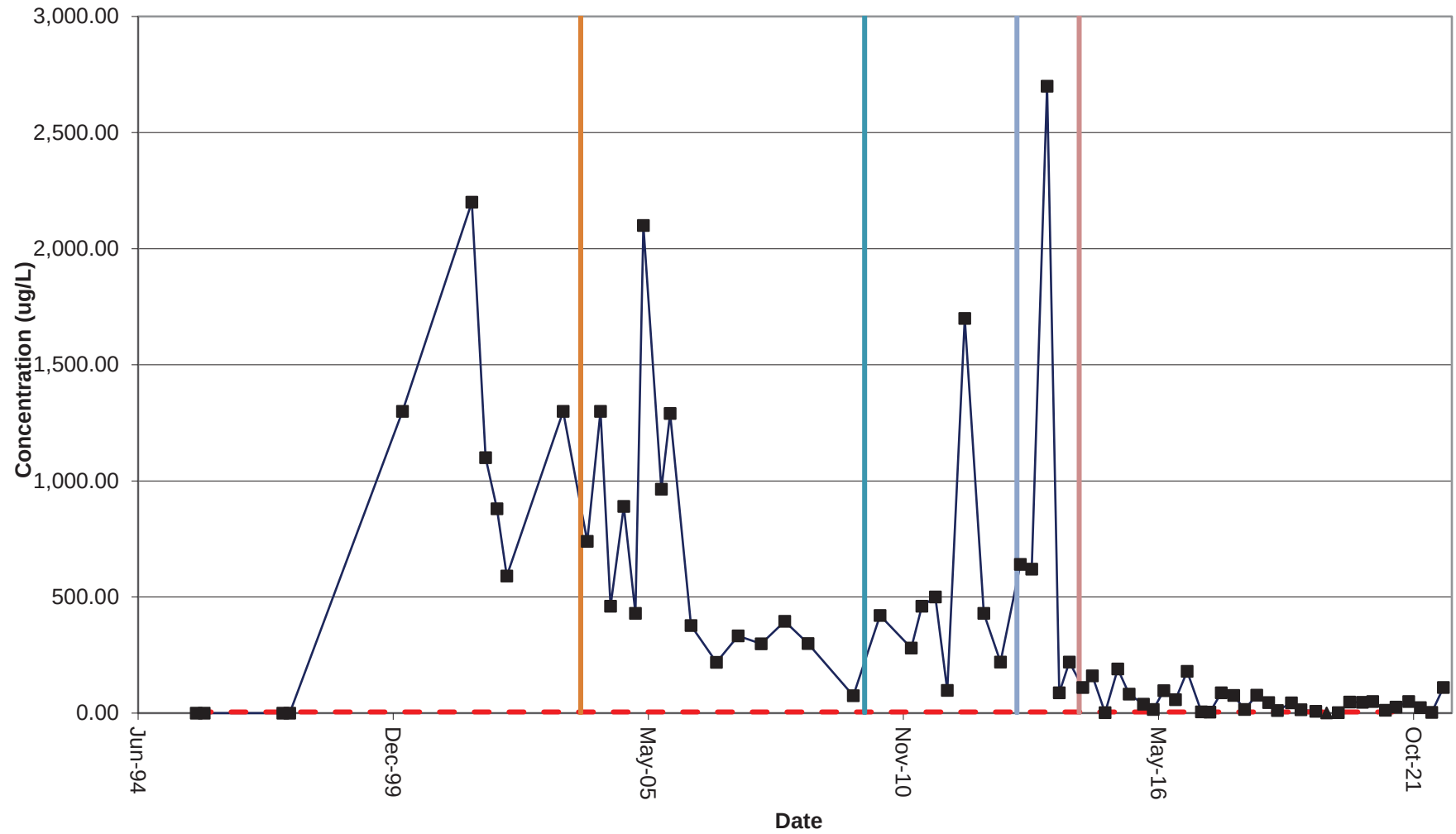


— Vinyl Chloride ■ Detect ▲ Non-Detect - - - NYSDEC Class GA Std — Pumping began — Pump shutdown — Pumping restarted — RW-3 on line

MW-5S: TCE

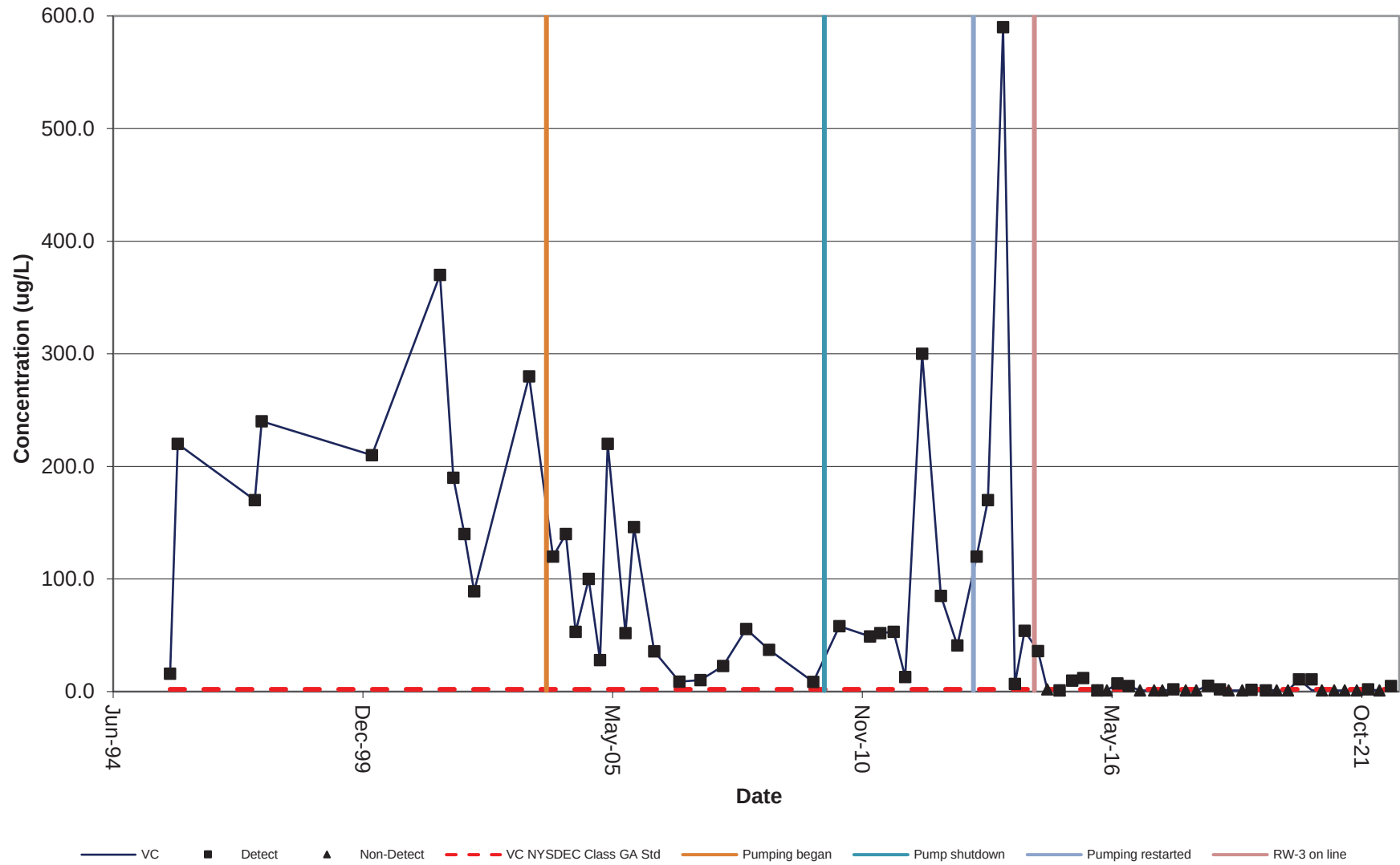


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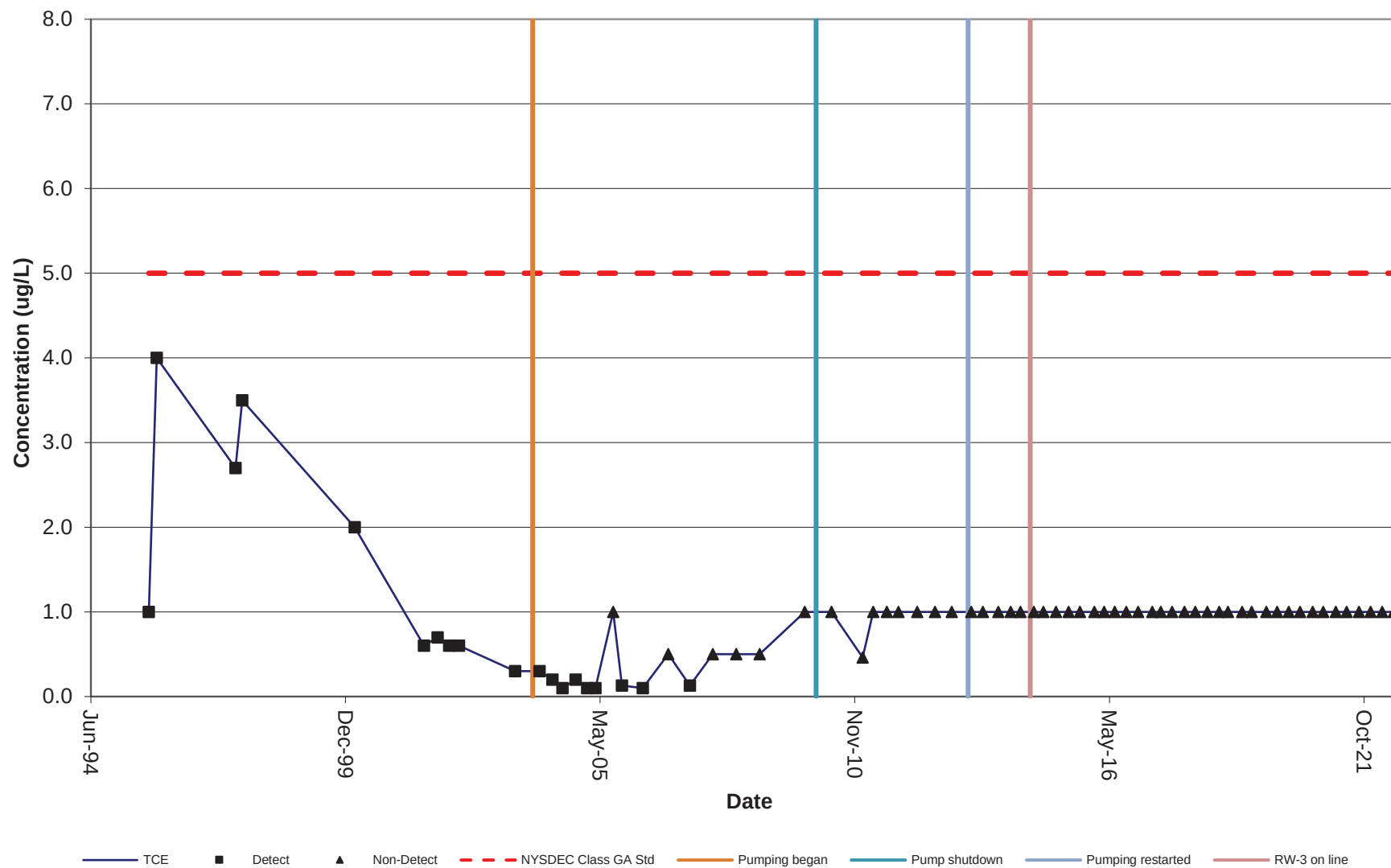


— DCE ■ Detect ▲ Non-Detect - - - DCE NYSDEC Class GA Std — Pumping began — Pump shutdown — Pumping restarted — RW-3 on line

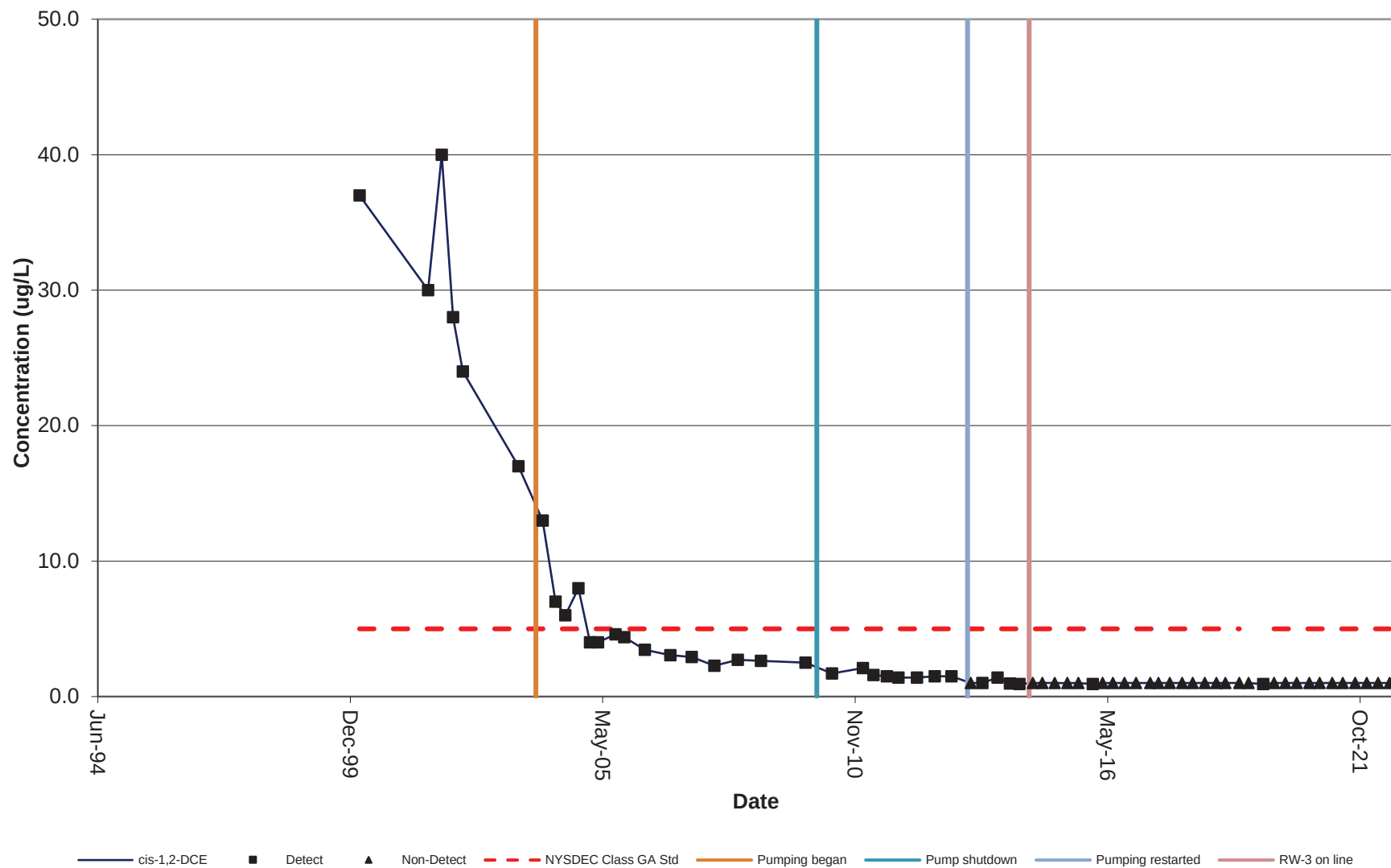
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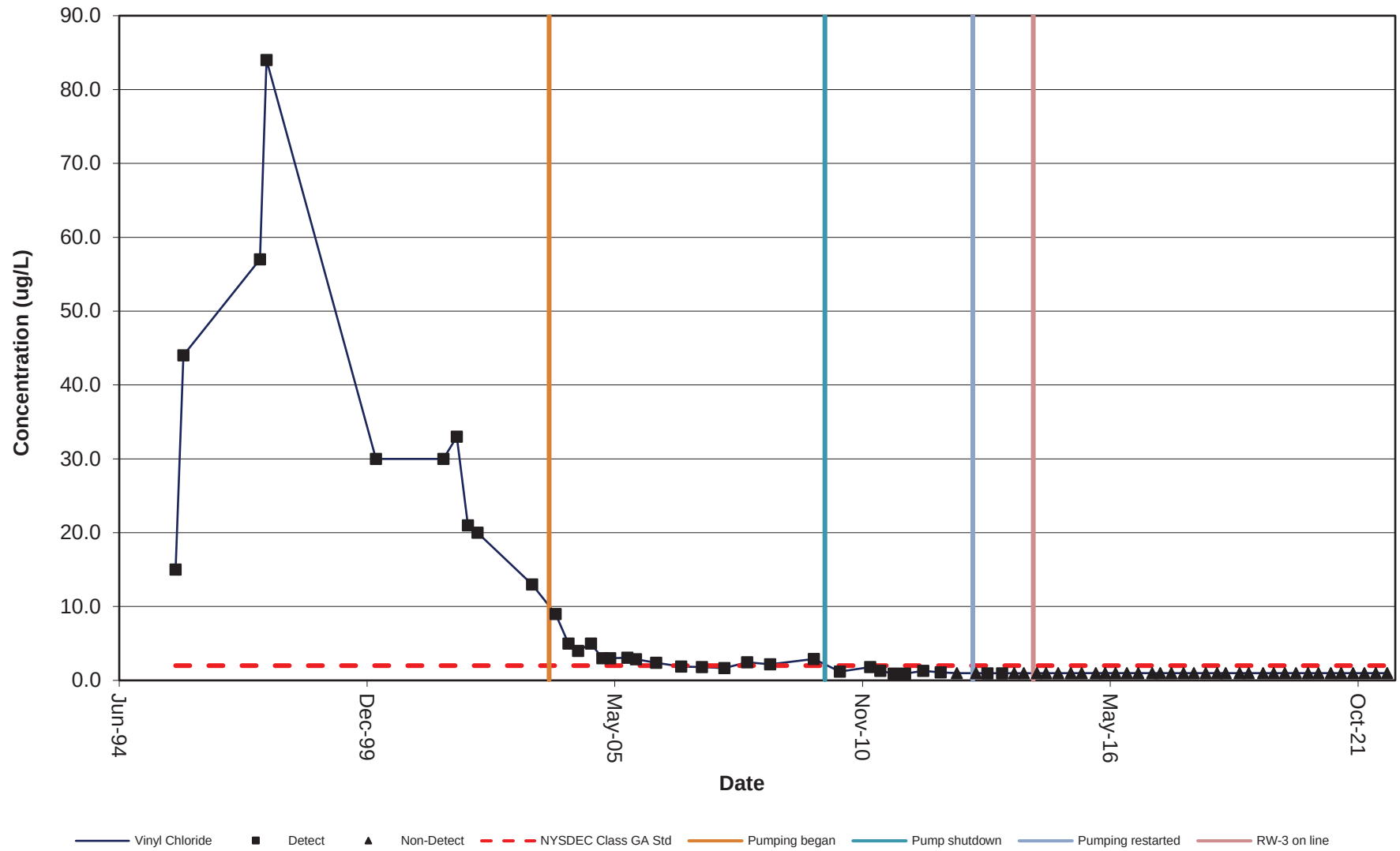
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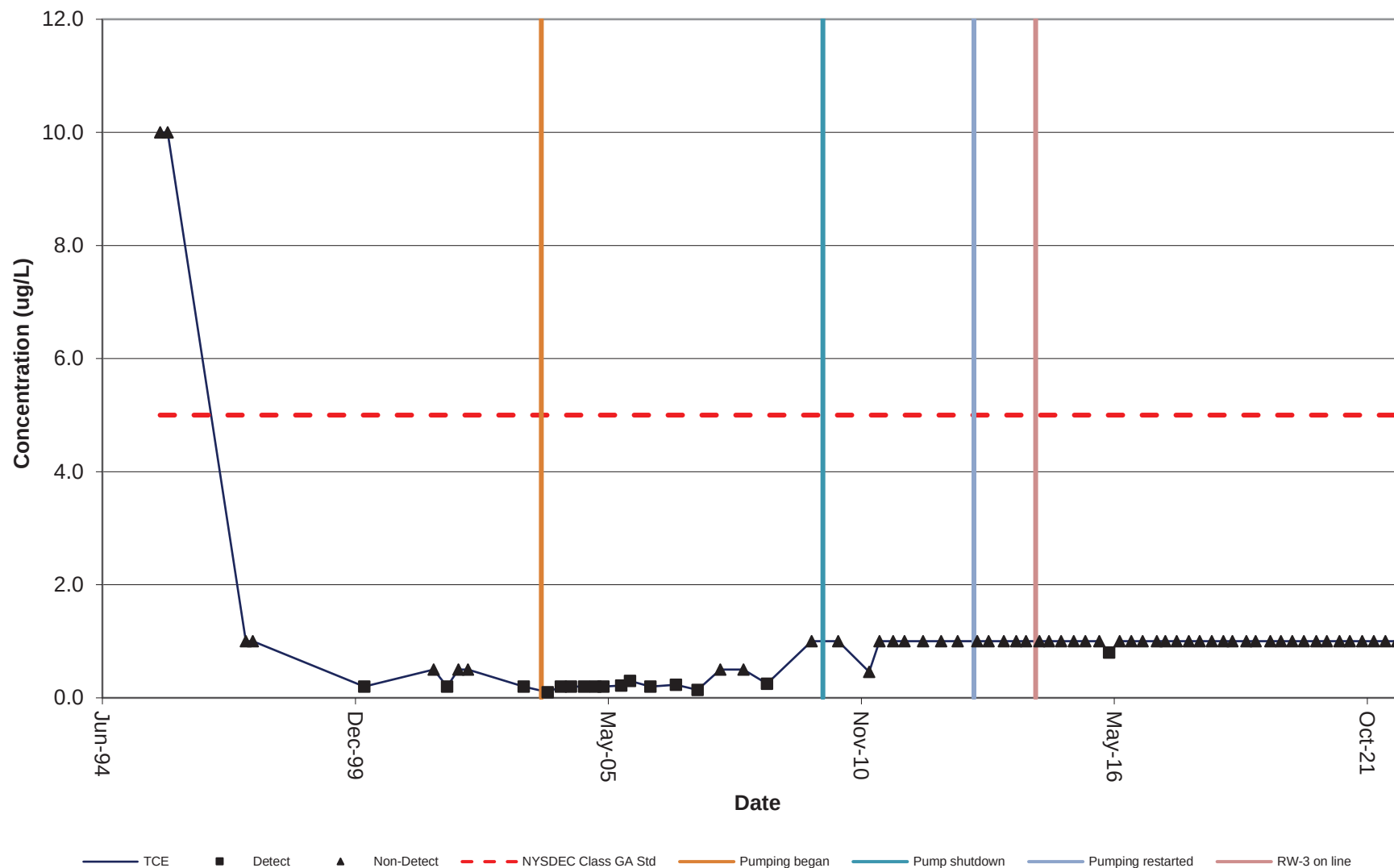
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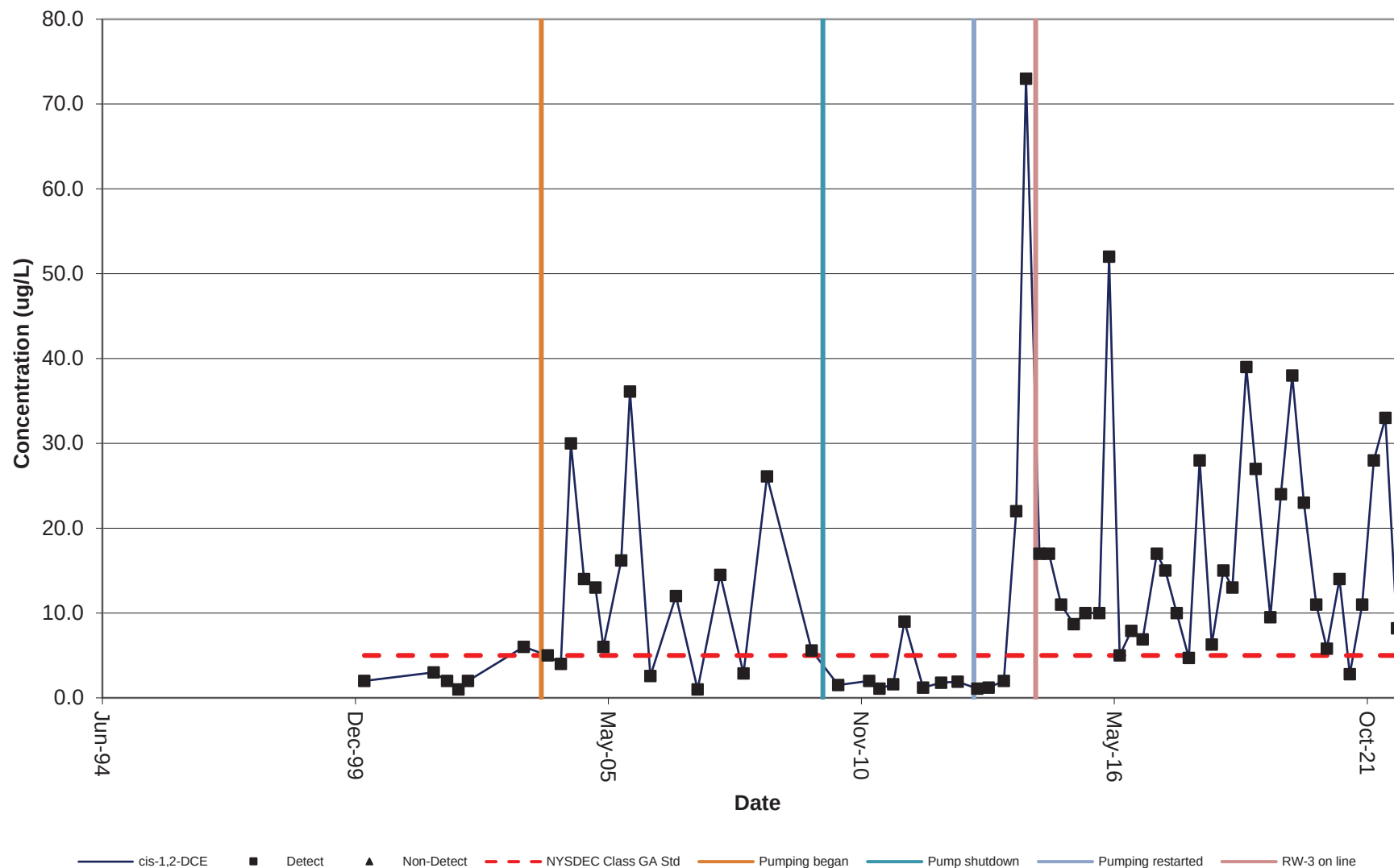
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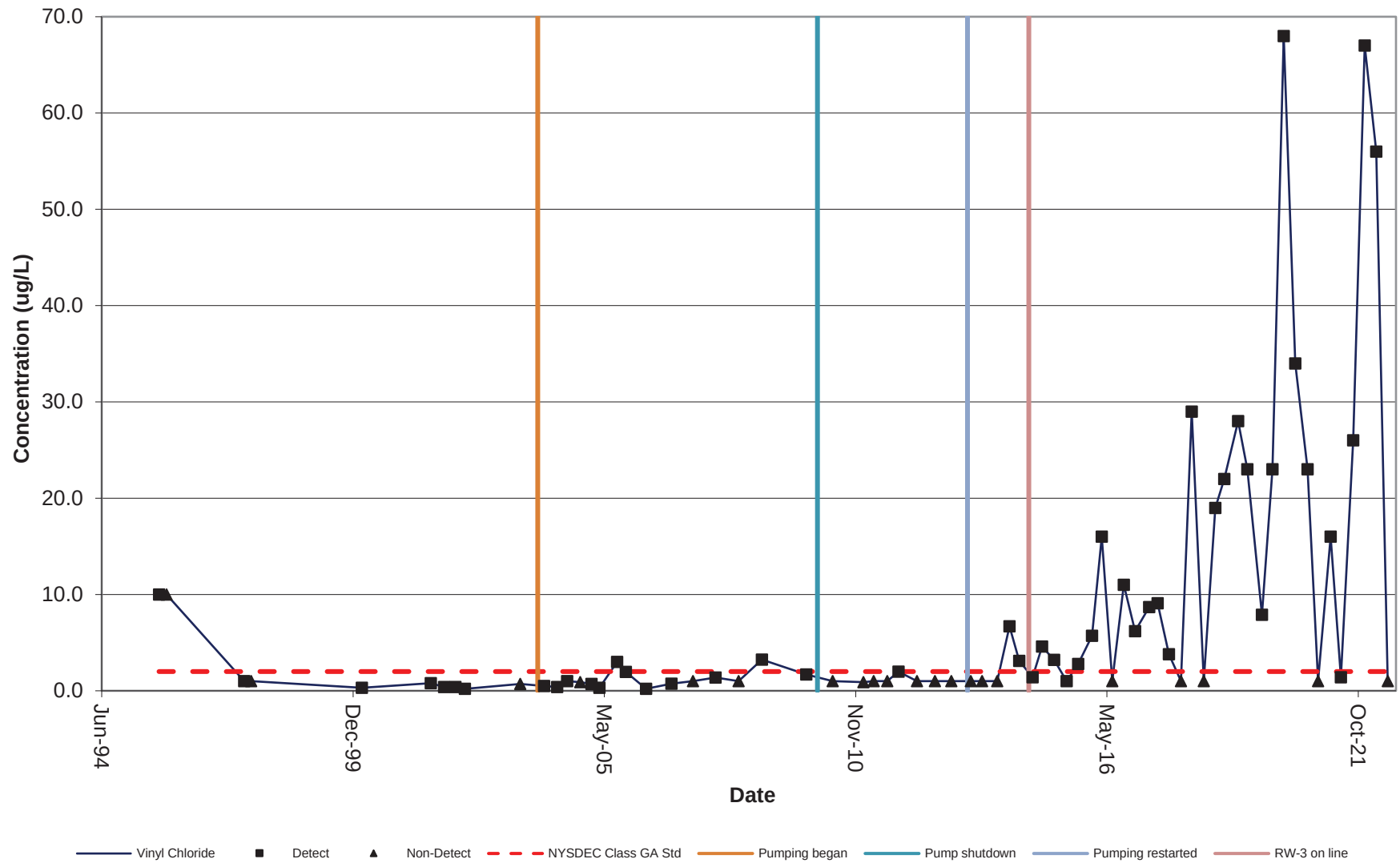
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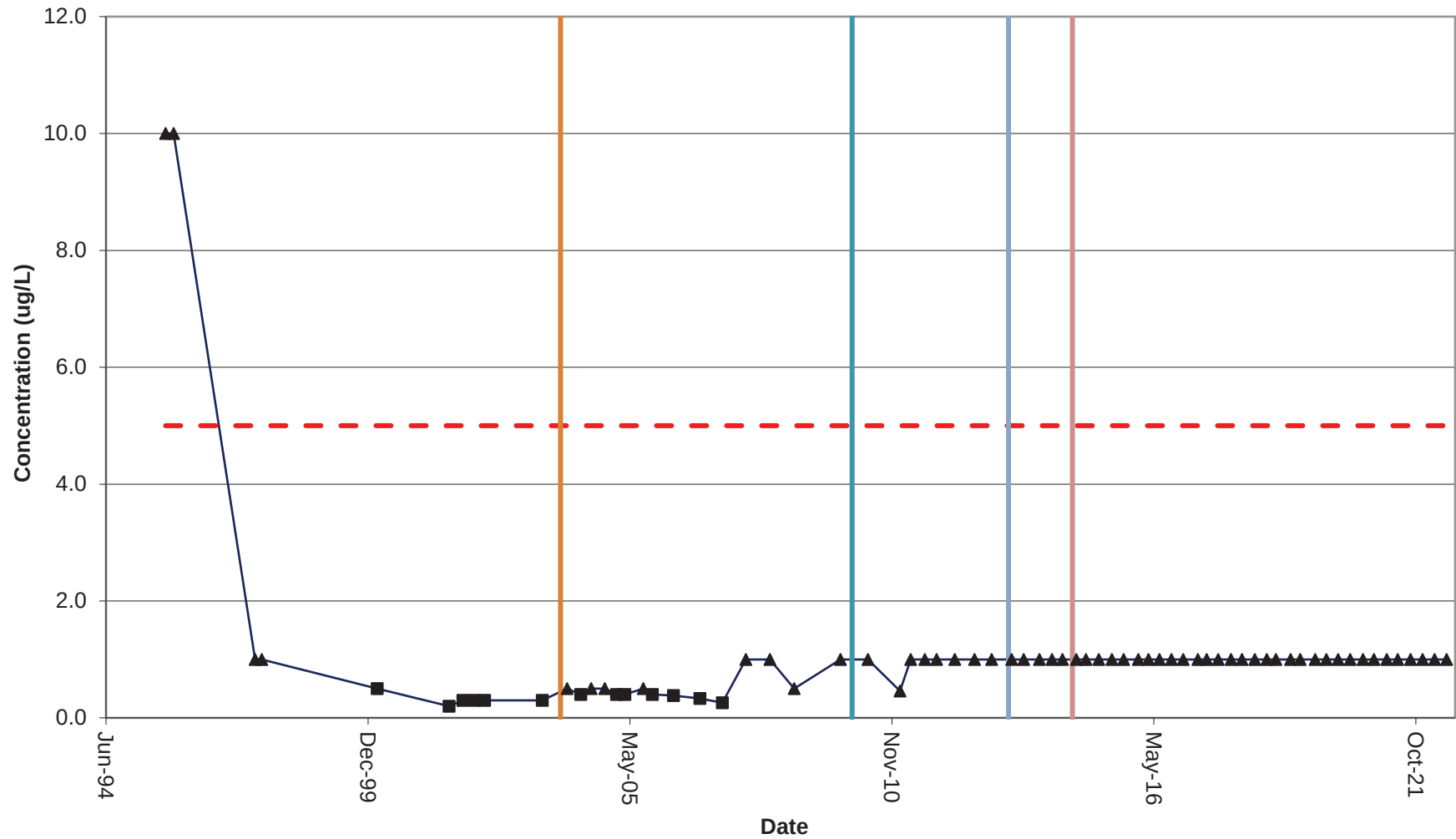
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MW-6S: Vinyl Chloride

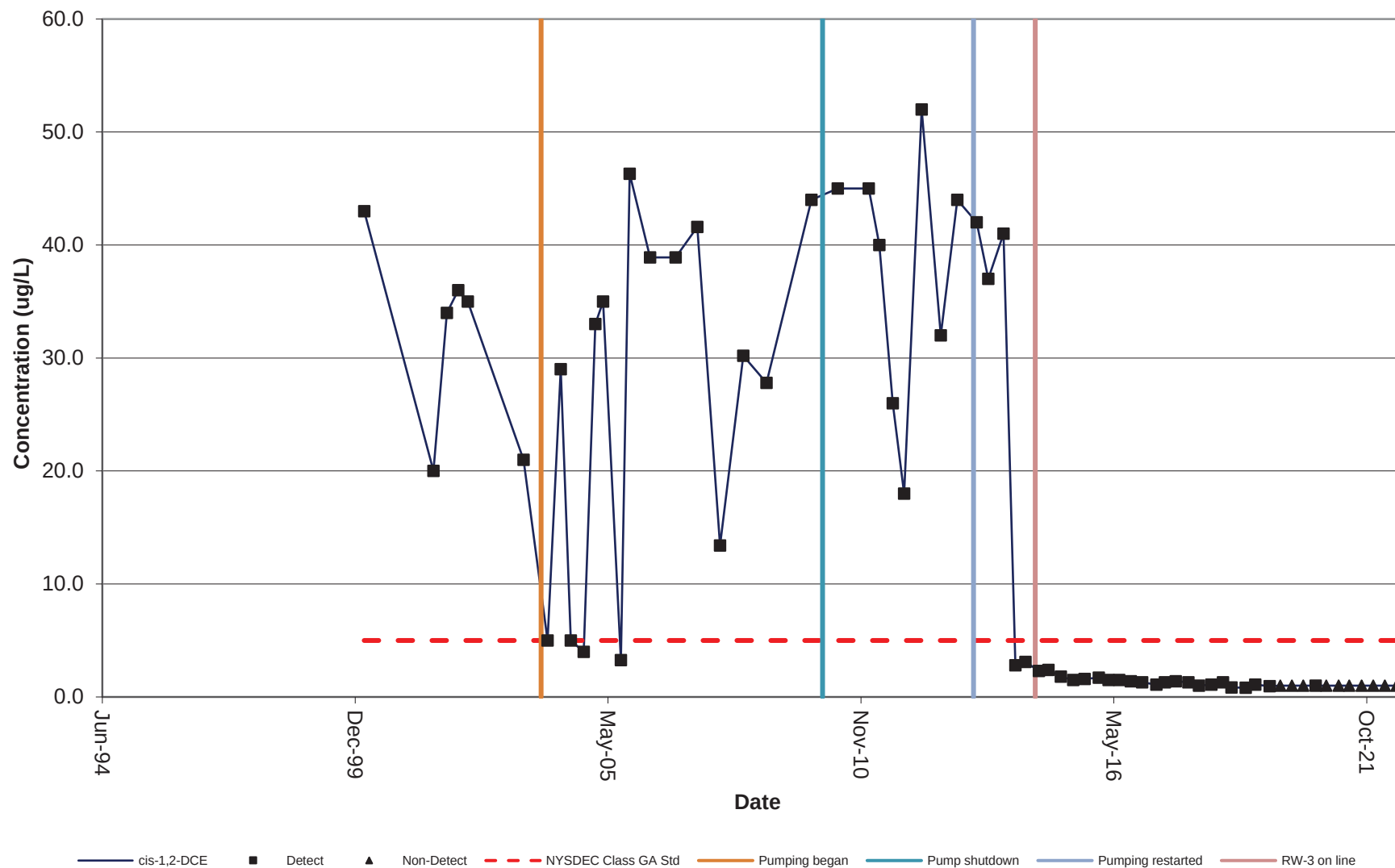


MW-6D: TCE

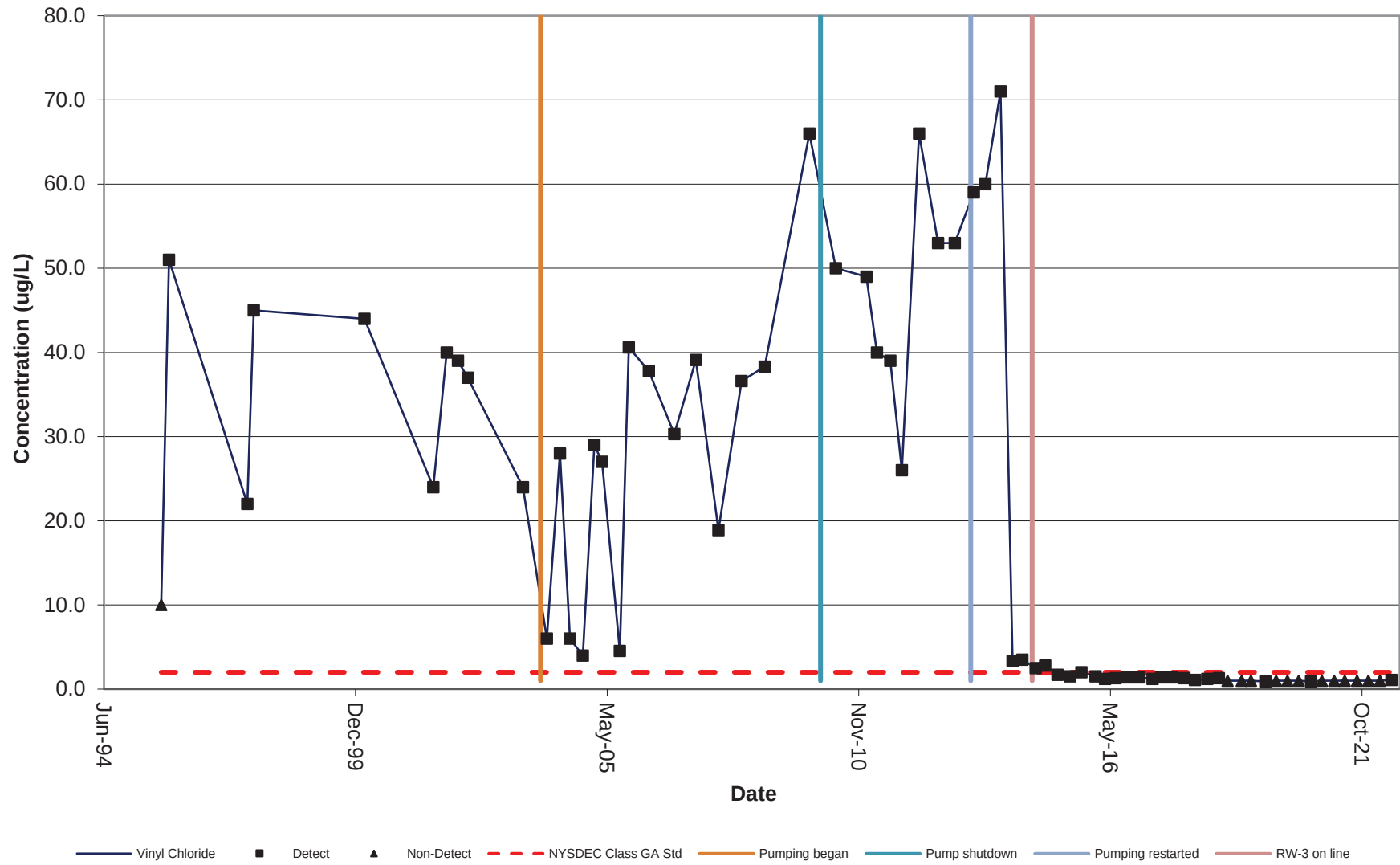


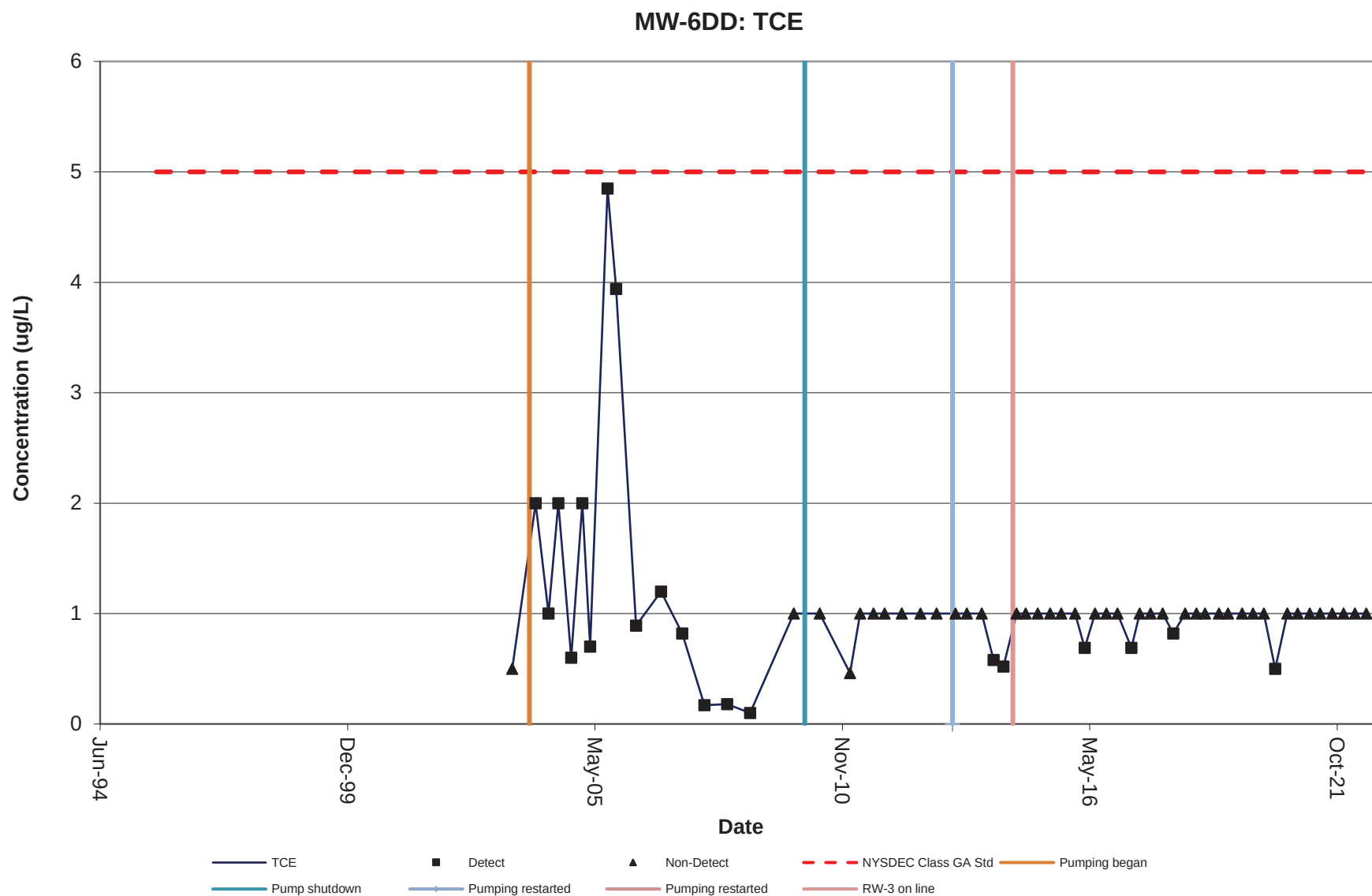
— TCE ■ Detect ▲ Non-Detect - - - NYSDEC Class GA Std — Pumping began — Pump shutdown — Pumping restarted — RW-3 on line

MW-6D: cis-1,2-DCE

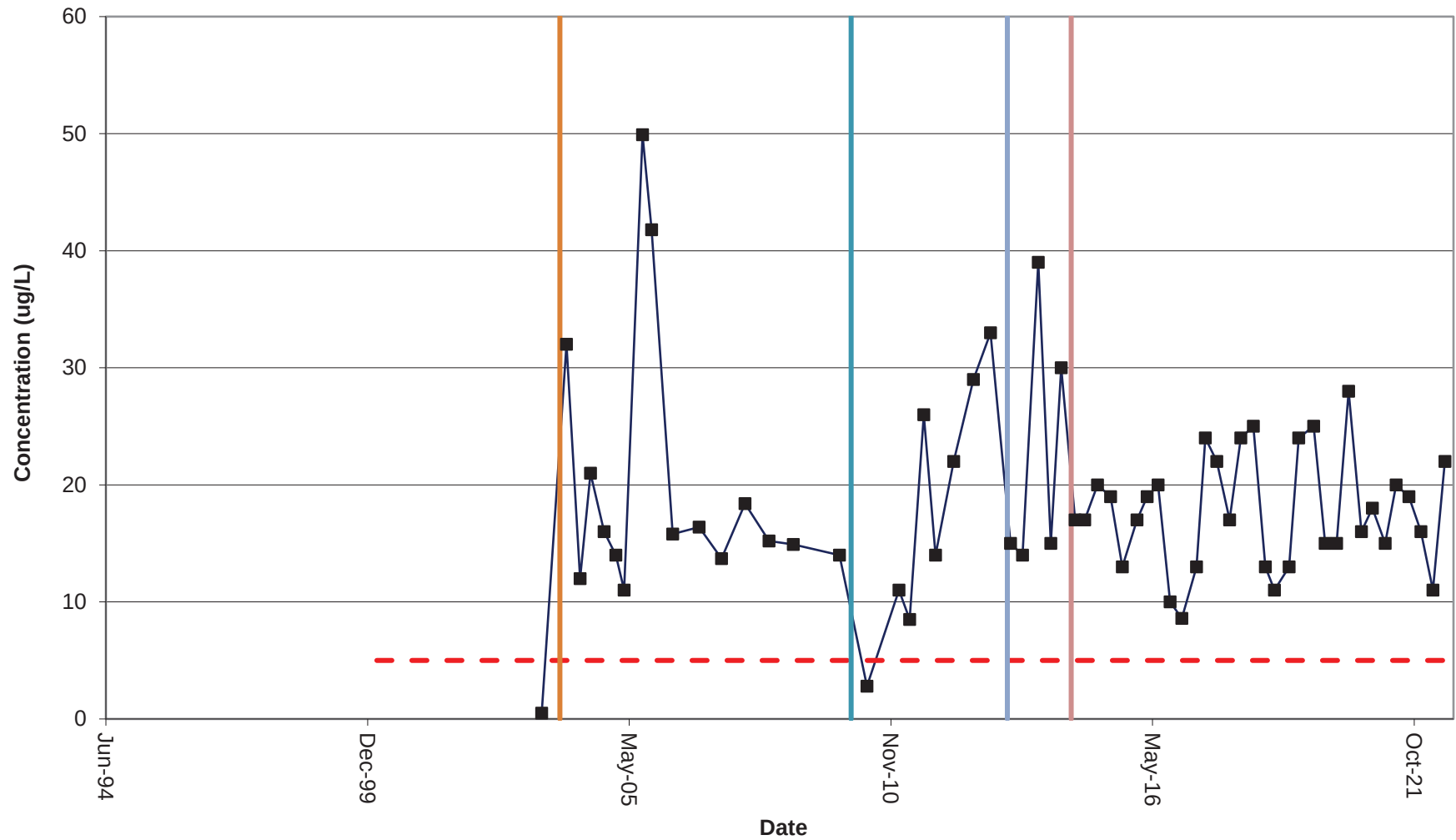


MW-6D: Vinyl Chloride



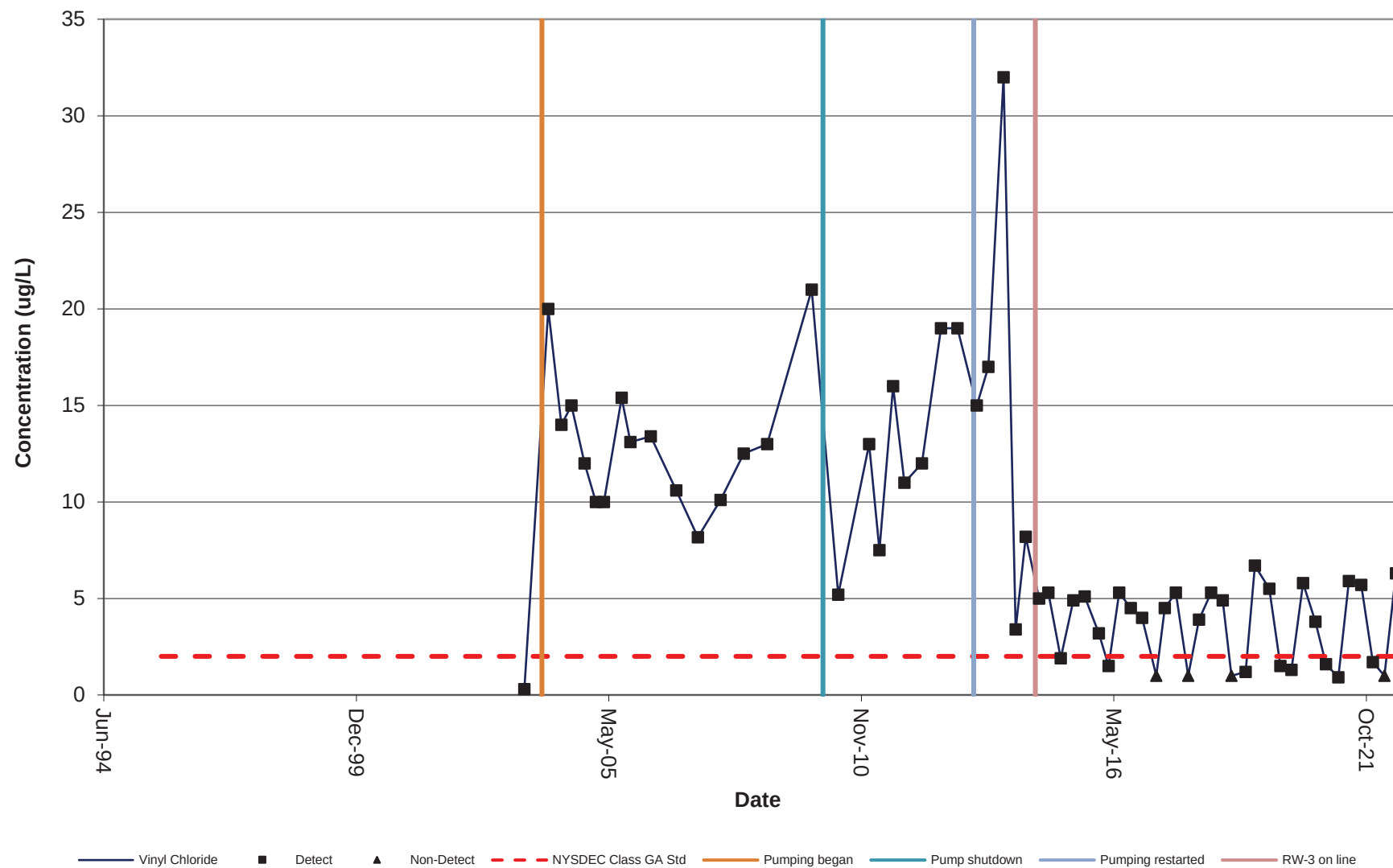


MW-6DD: cis-1,2-DCE

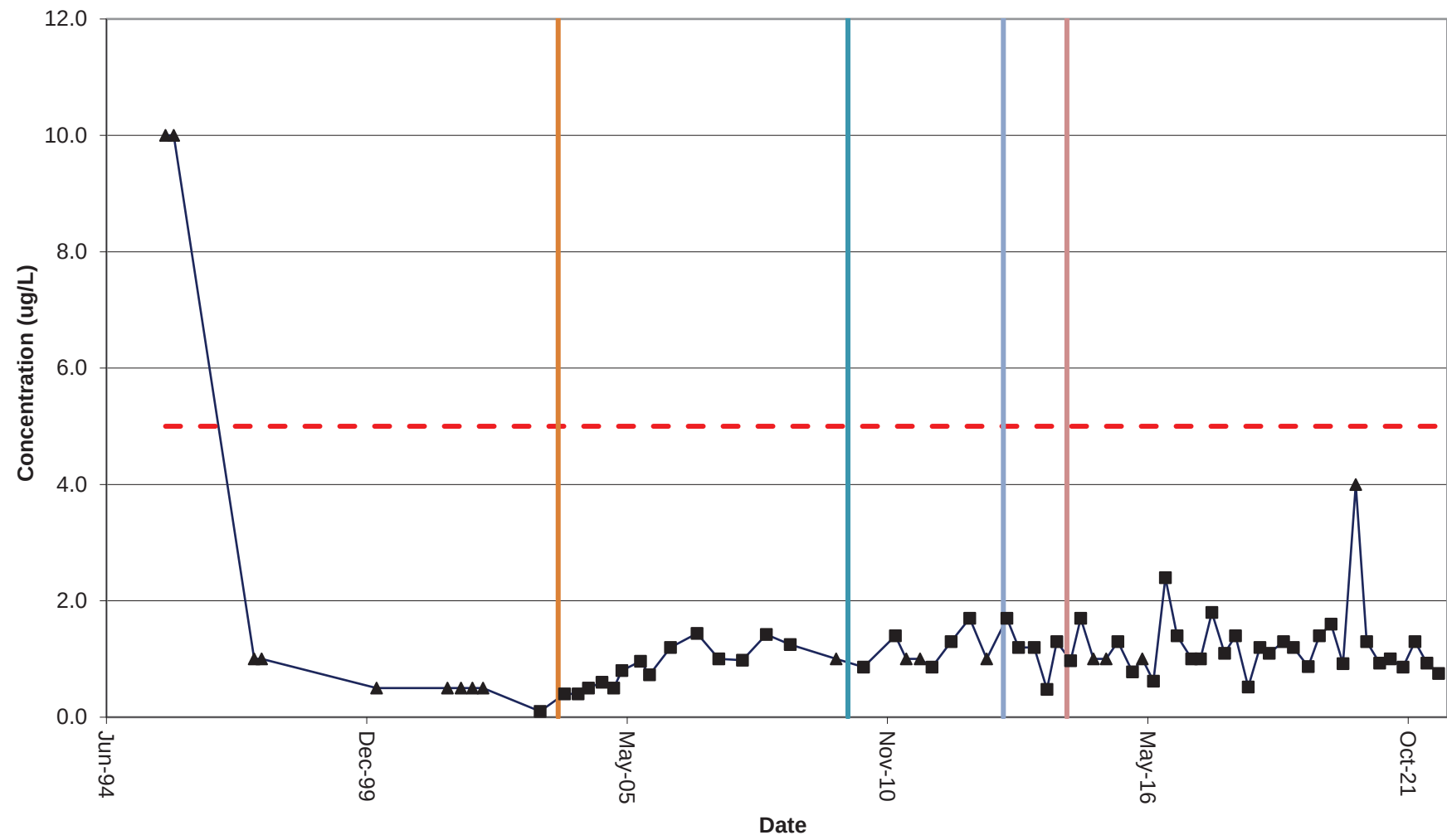


— cis-1,2-DCE ■ Detect ▲ Non-Detect - - - NYSDEC Class GA Std — Pumping began — Pump shutdown — Pumping restarted — RW-3 on line

MW-6DD: Vinyl Chloride

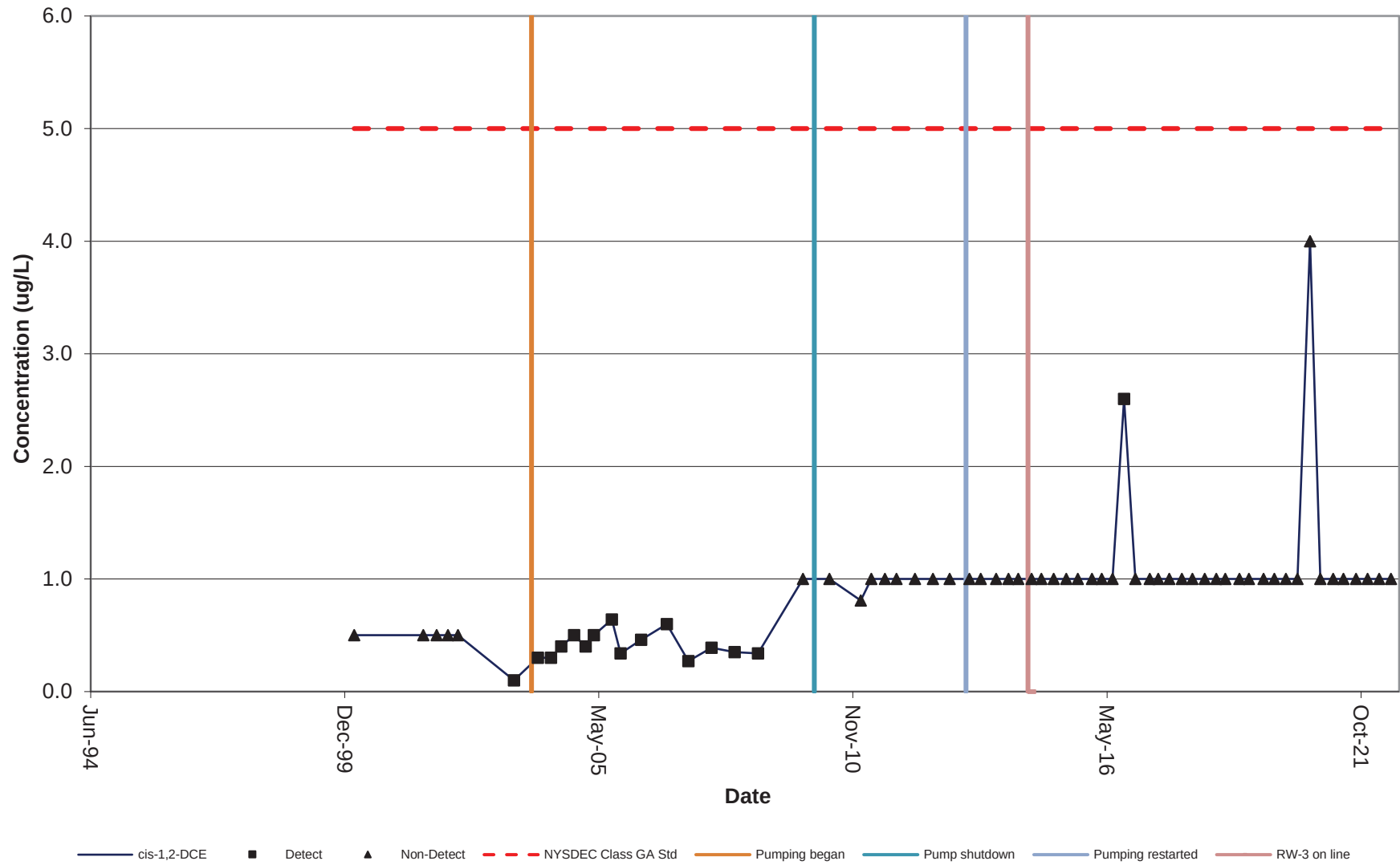


MW-7S: TCE

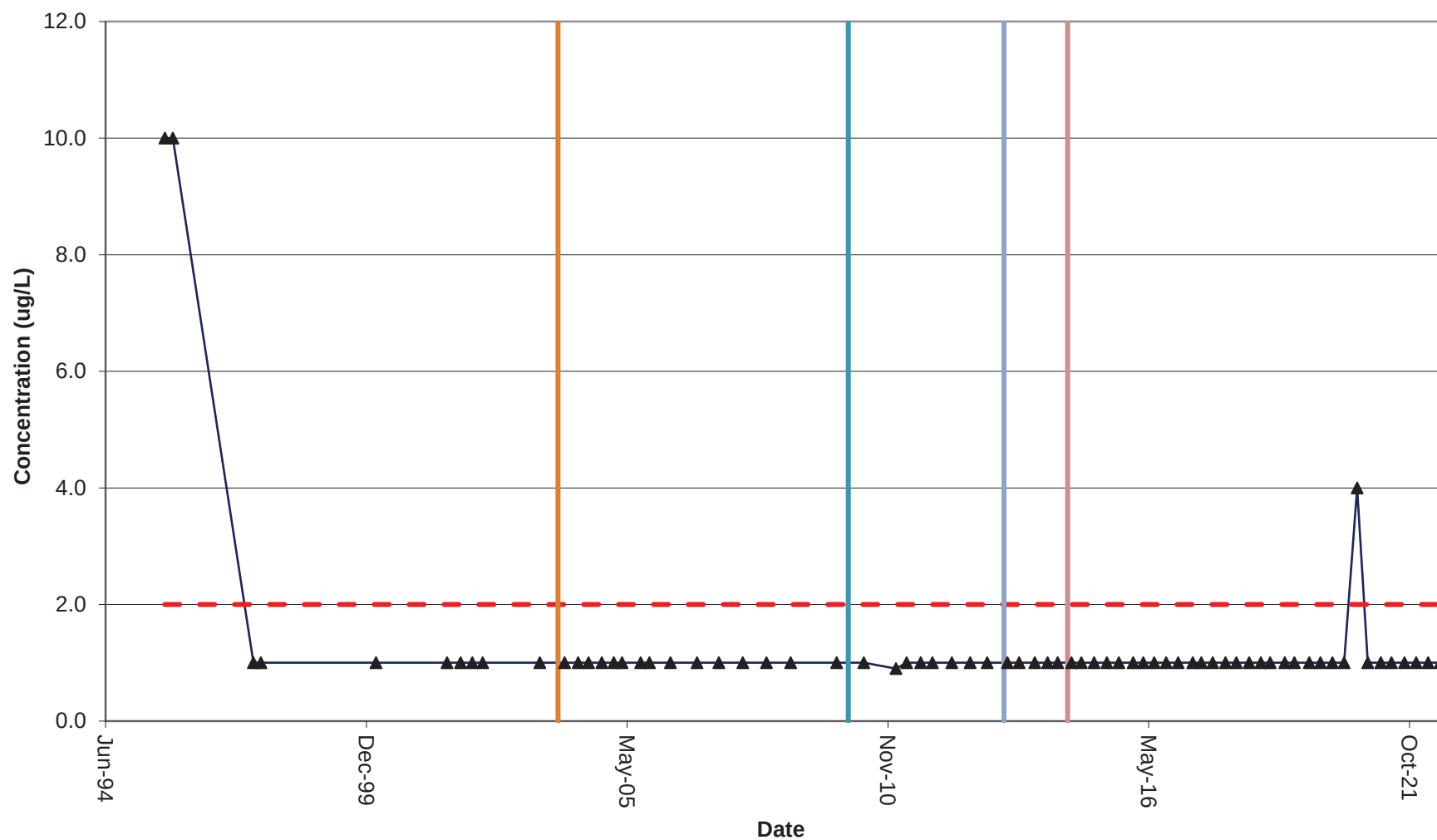


— TCE ■ Detect ▲ Non-Detect - - - NYSDEC Class GA Std — Pumping began — Pump shutdown — Pumping restarted — RW-3 on line

MW-7S: cis-1,2-DCE

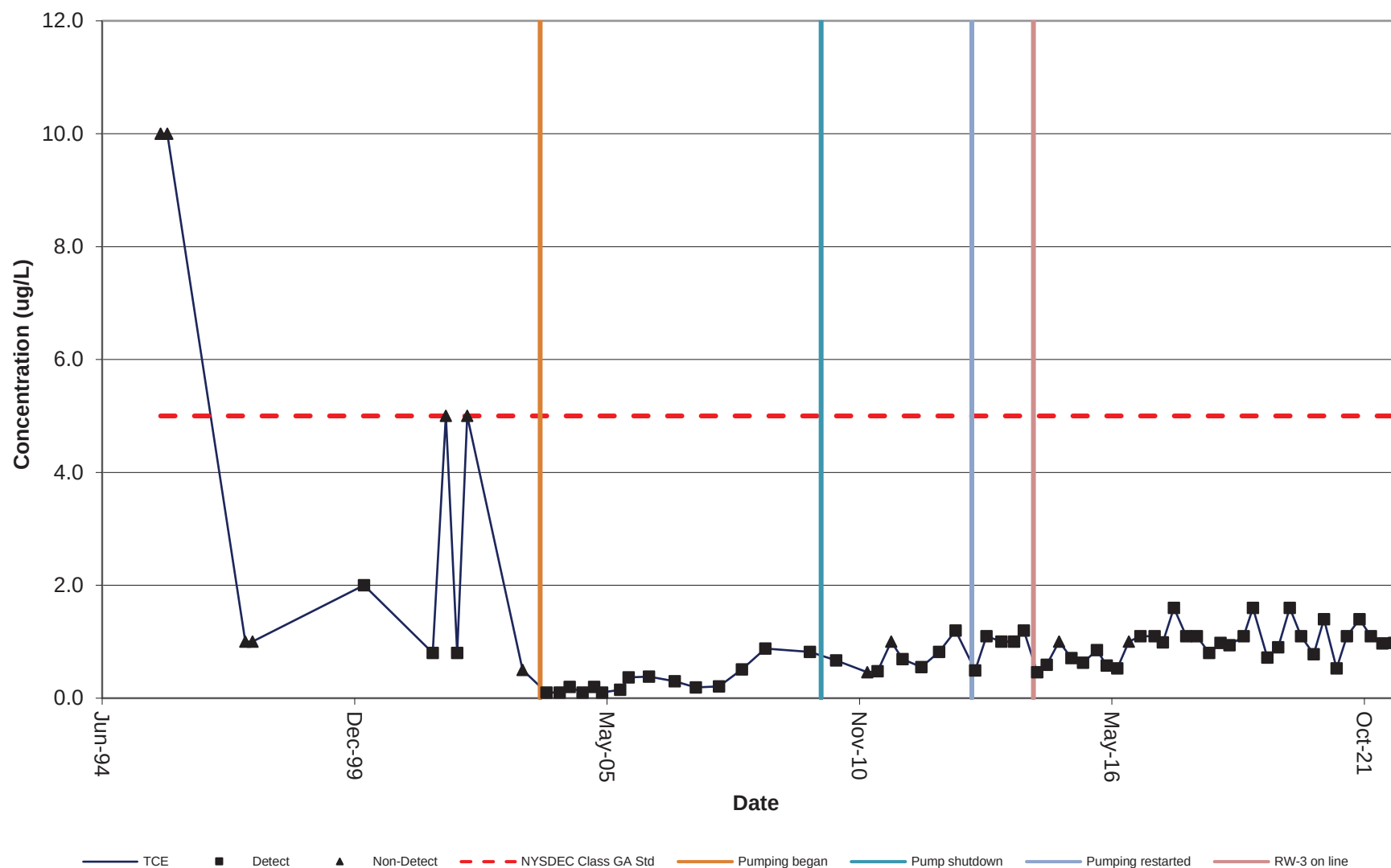


MW-7S: Vinyl Chloride

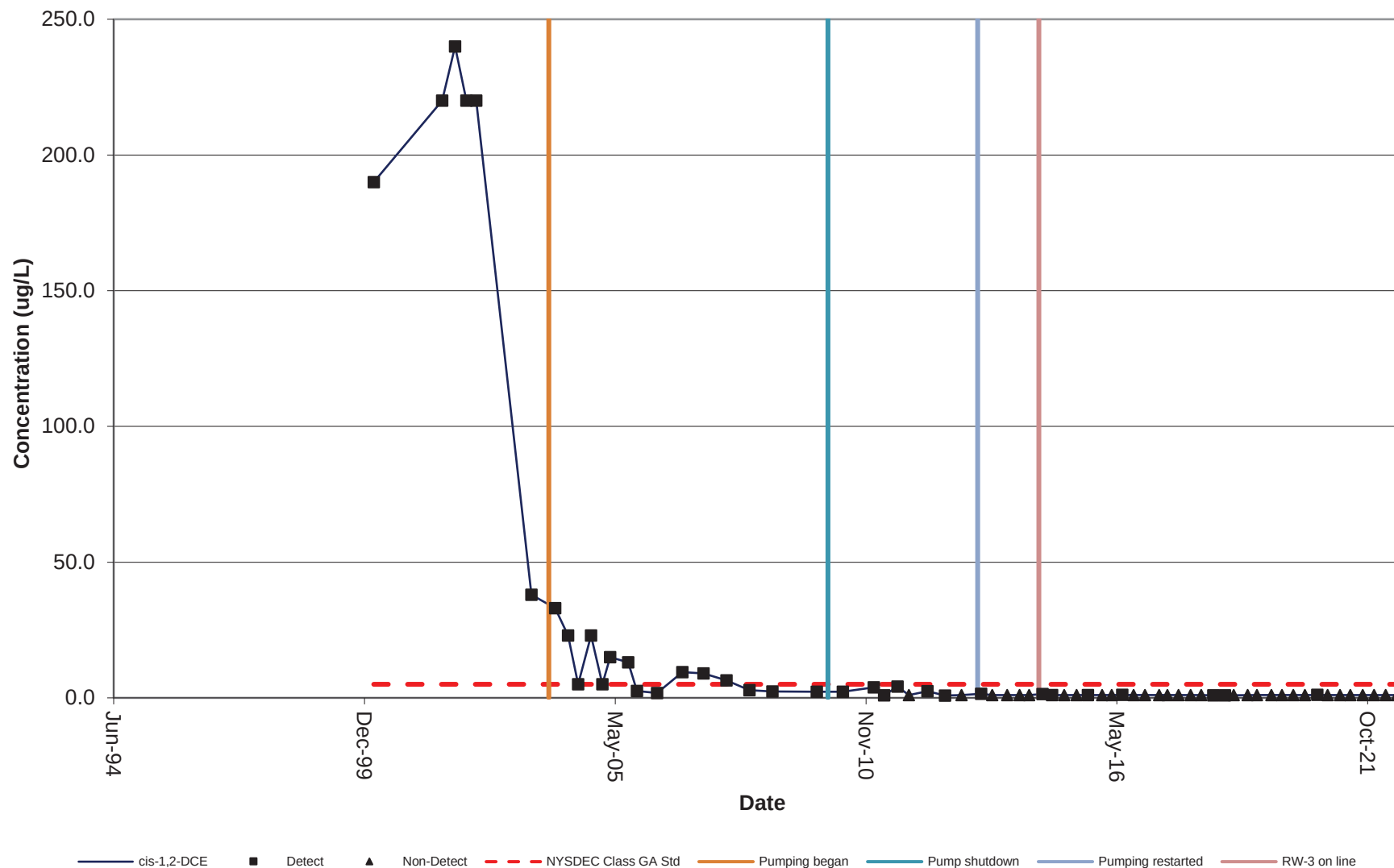


— Vinyl Chloride ■ Detect ▲ Non-Detect - - - NYSDEC Class GA Std — Pumping began — Pump shutdown — Pumping restarted — RW-3 on line

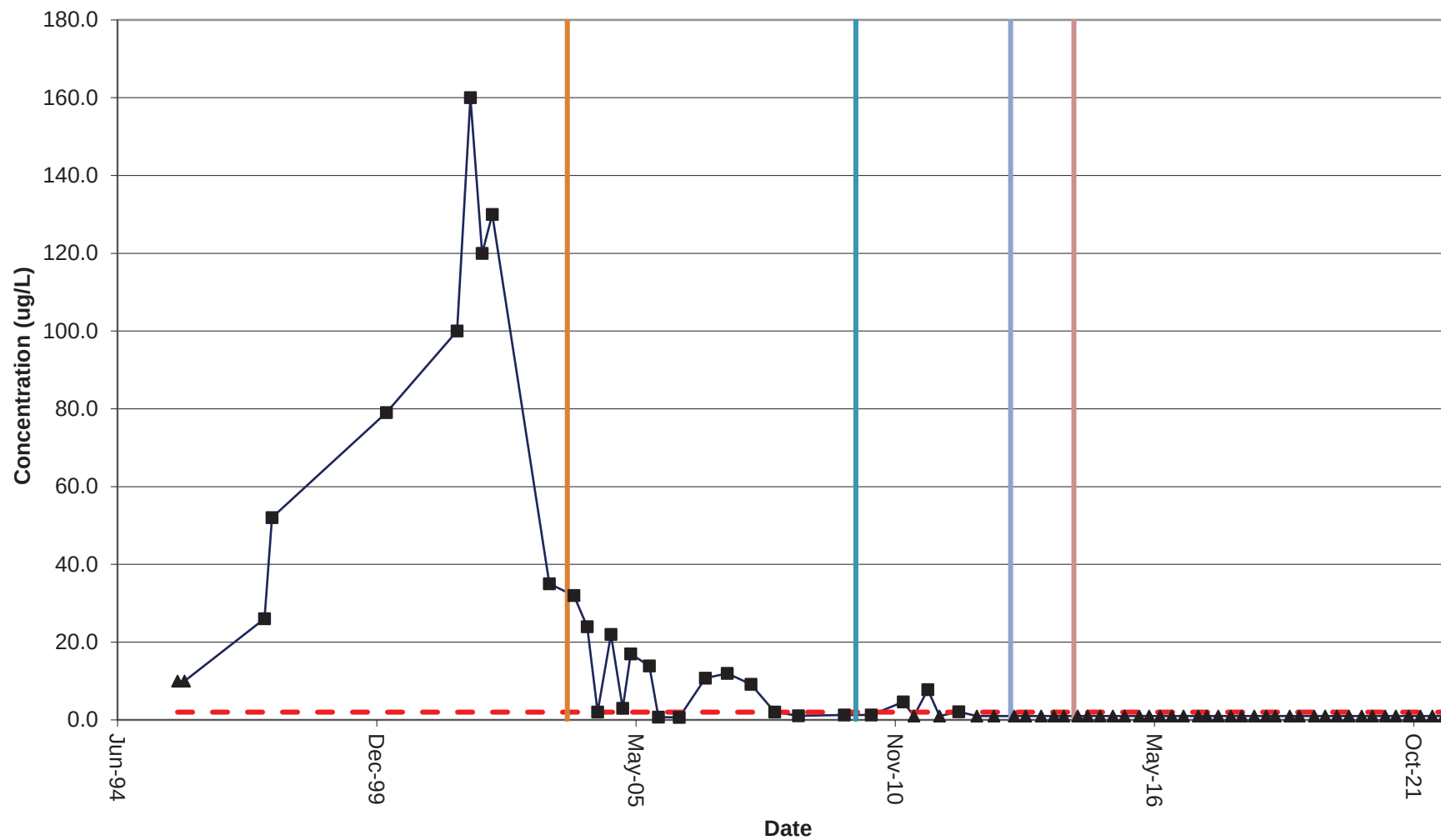
MW-7D: TCE



MW-7D: cis-1,2-DCE

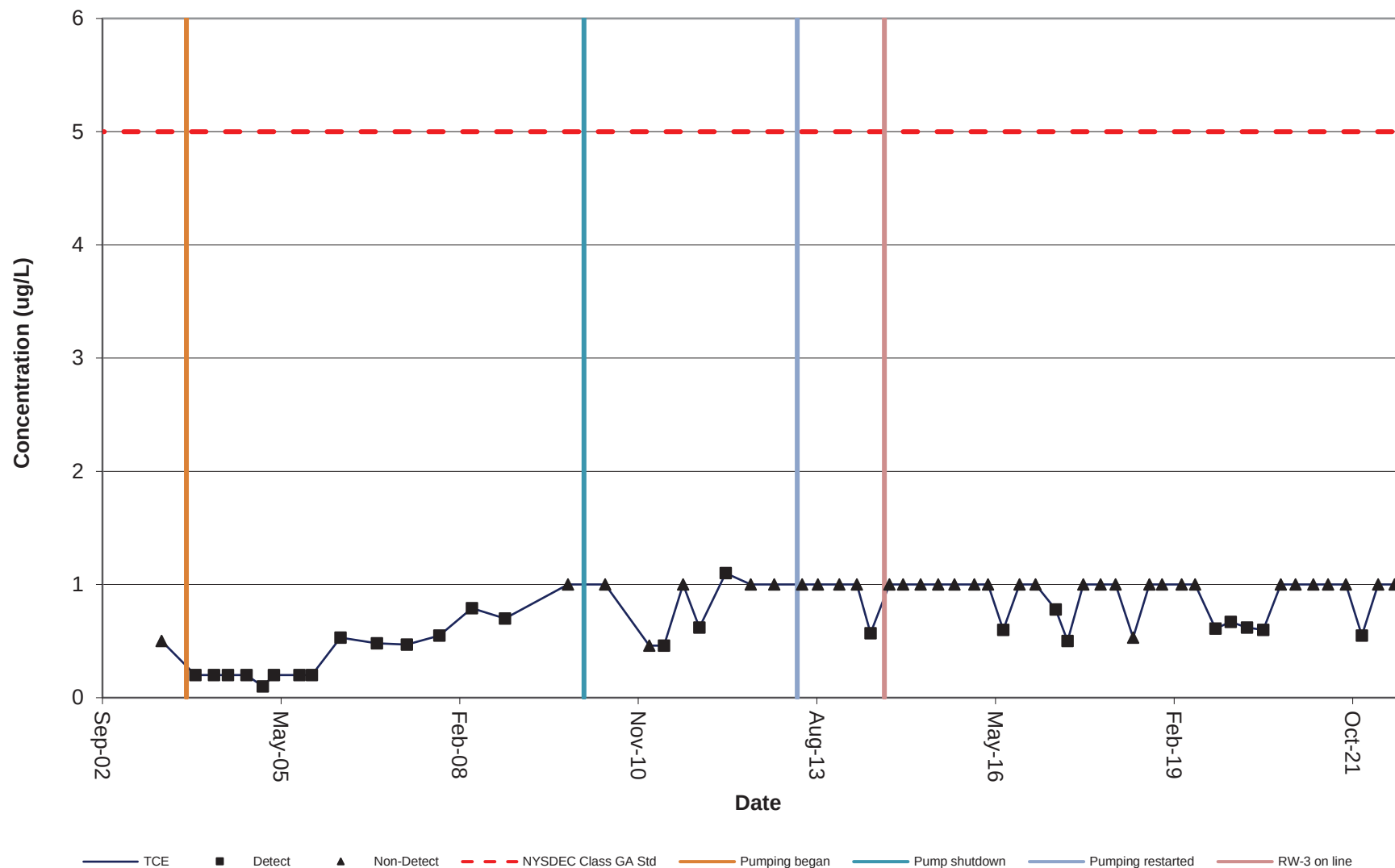


MW-7D: Vinyl Chloride

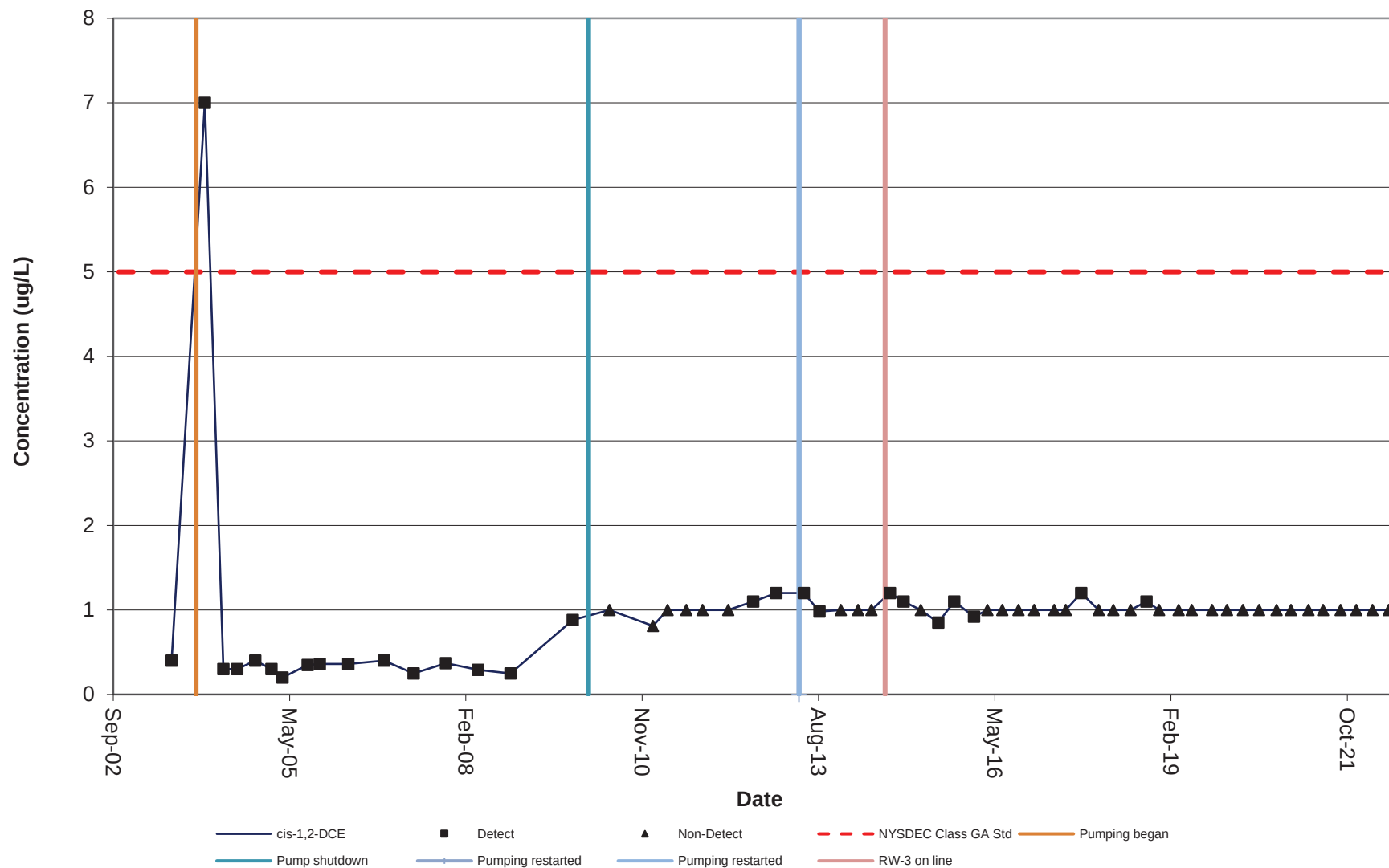


— Vinyl chloride ■ Detect ▲ Non-Detect - - - NYSDEC Class GA Std — Pumping began — Pump shutdown — Pumping restarted — RW-3 on line

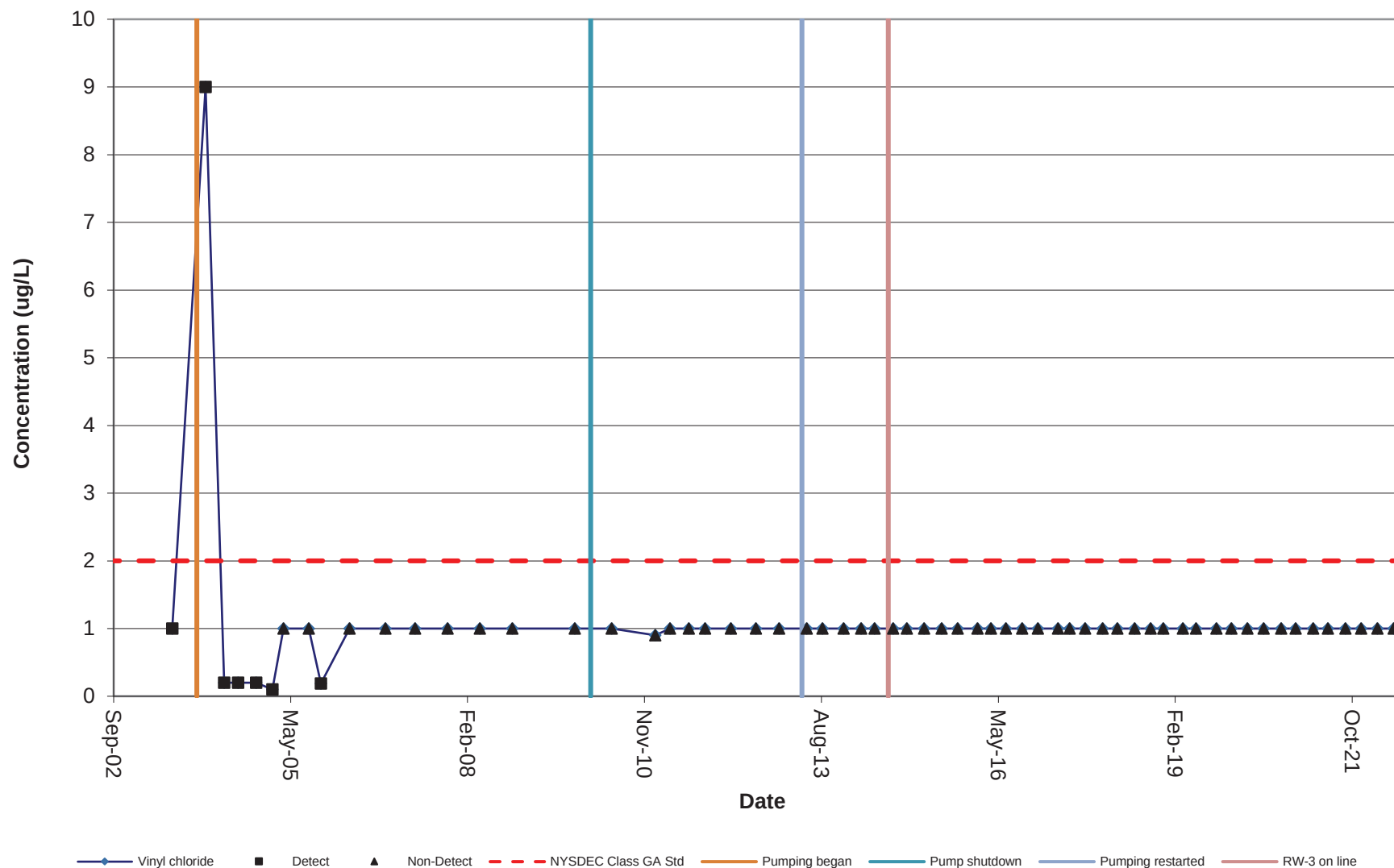
MW-7DD: TCE

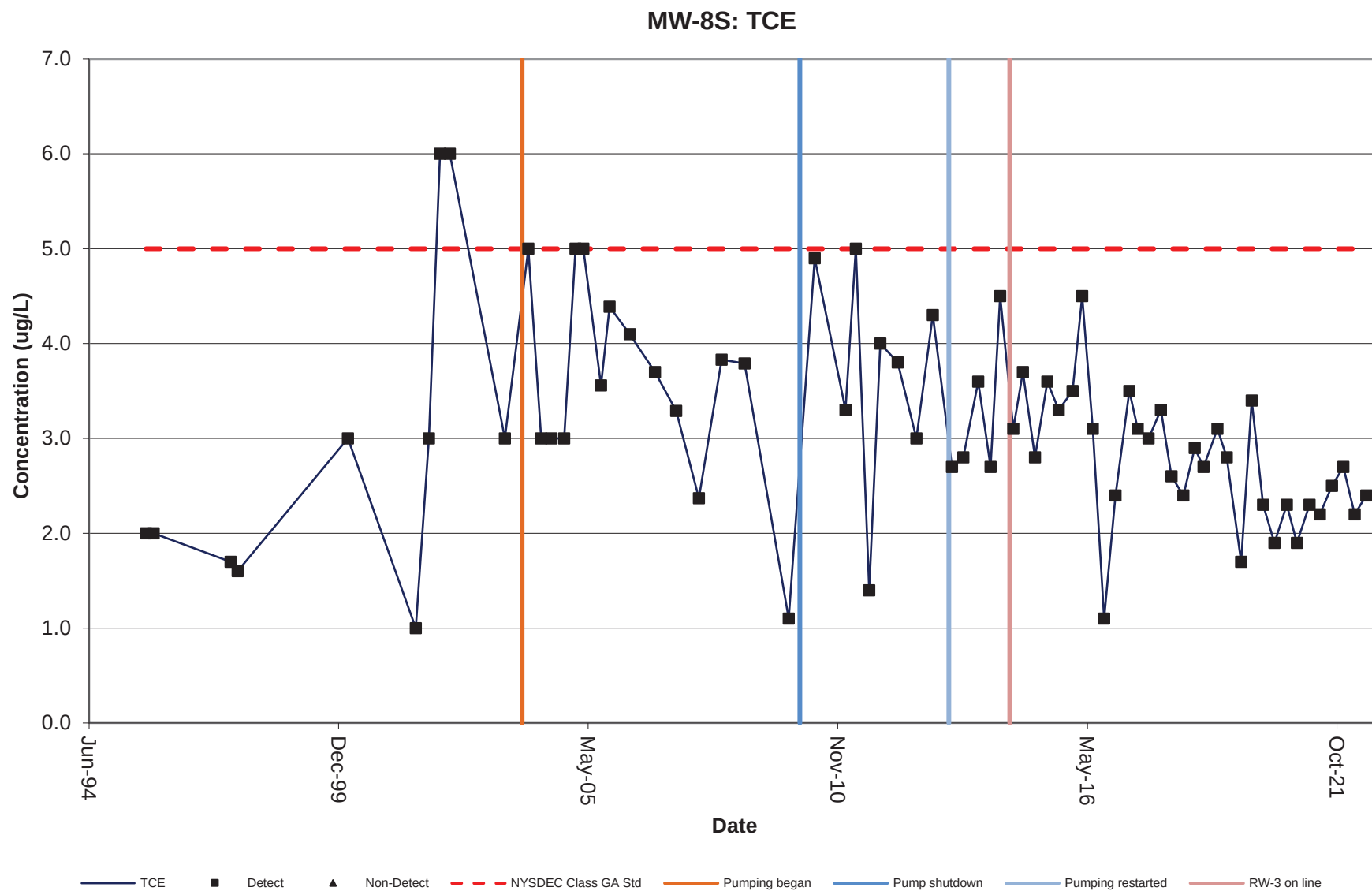


MW-7DD: cis-1,2-DCE

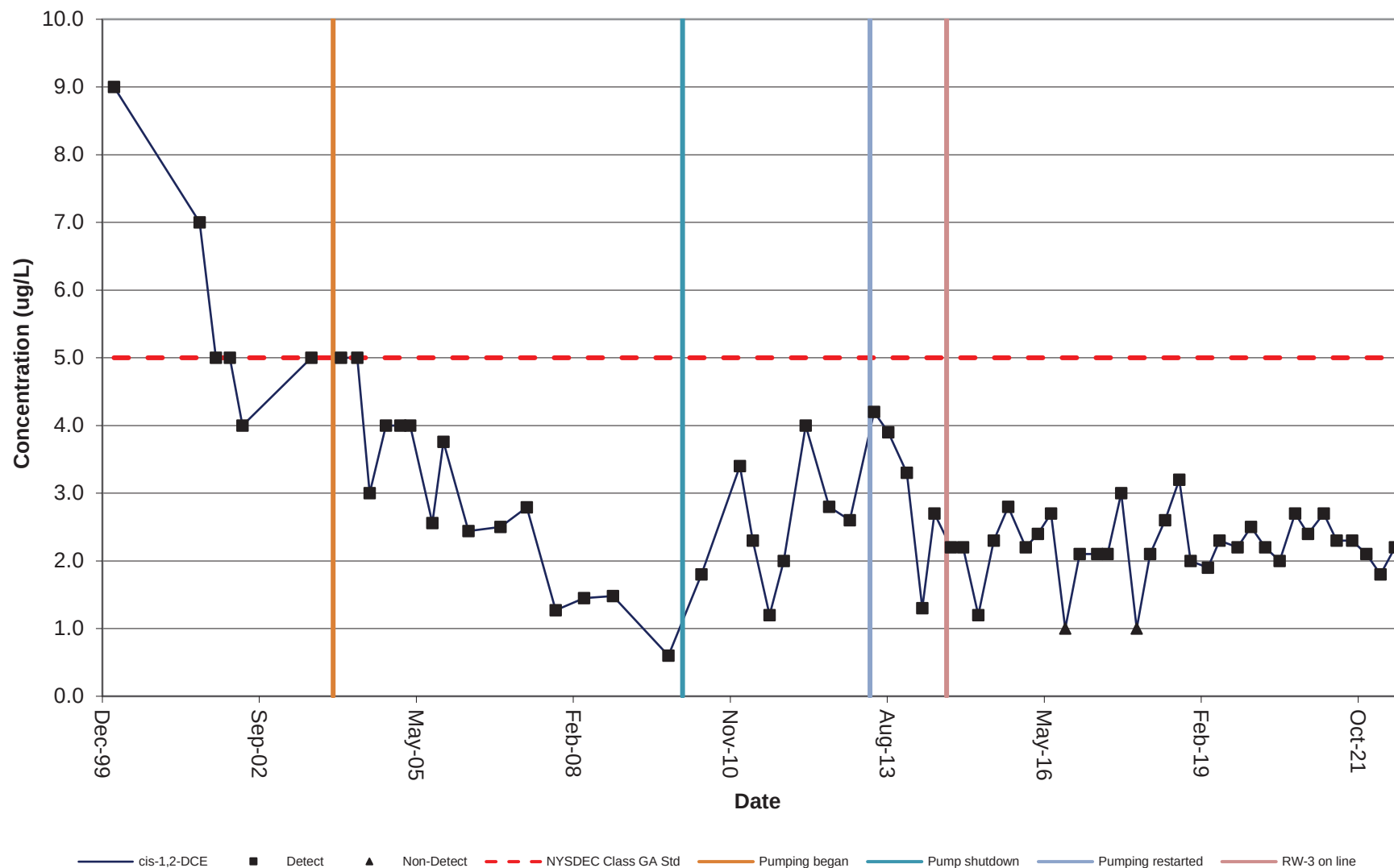


MW-7DD: Vinyl Chloride

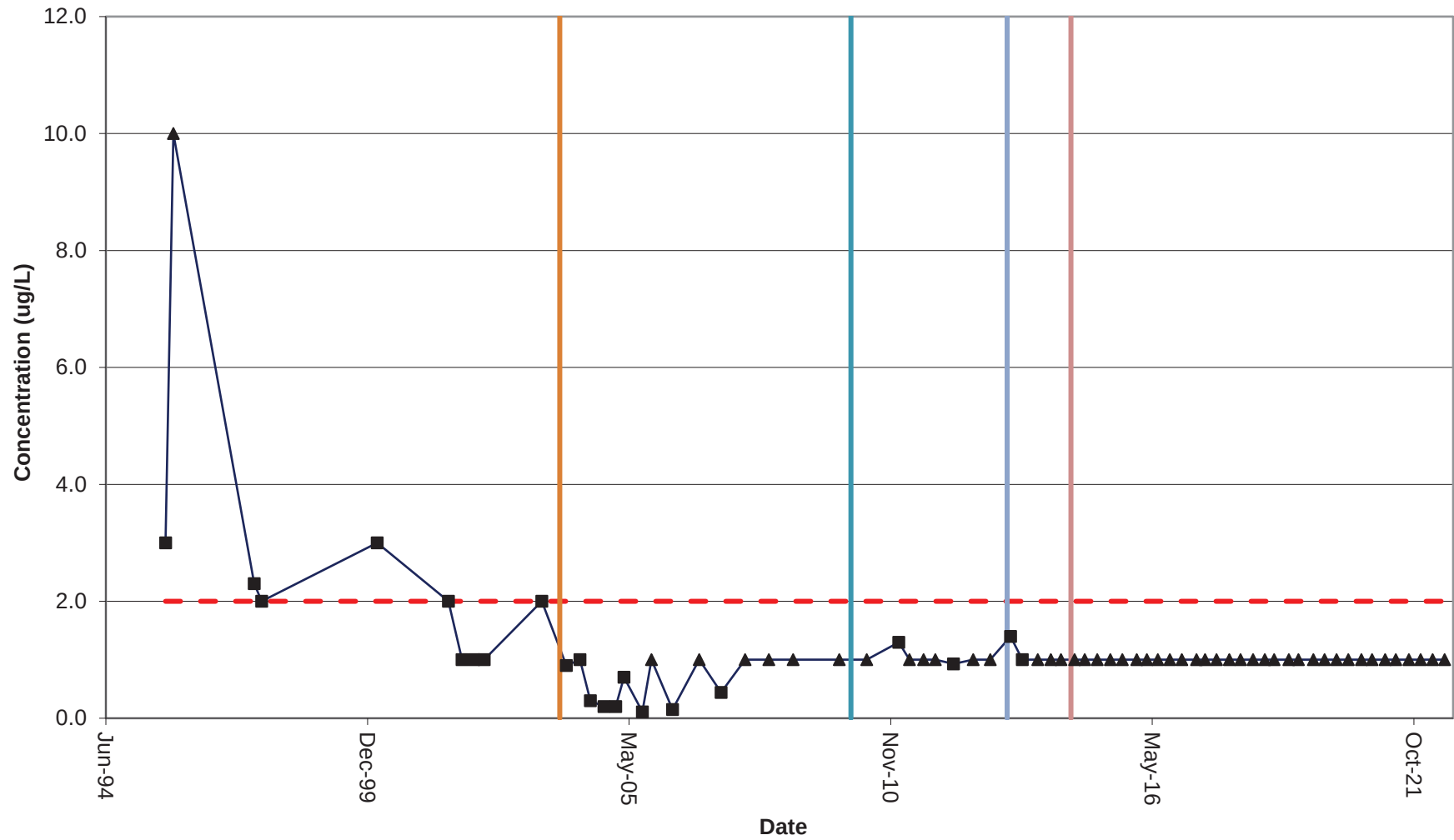




MW-8S: cis-1,2-DCE

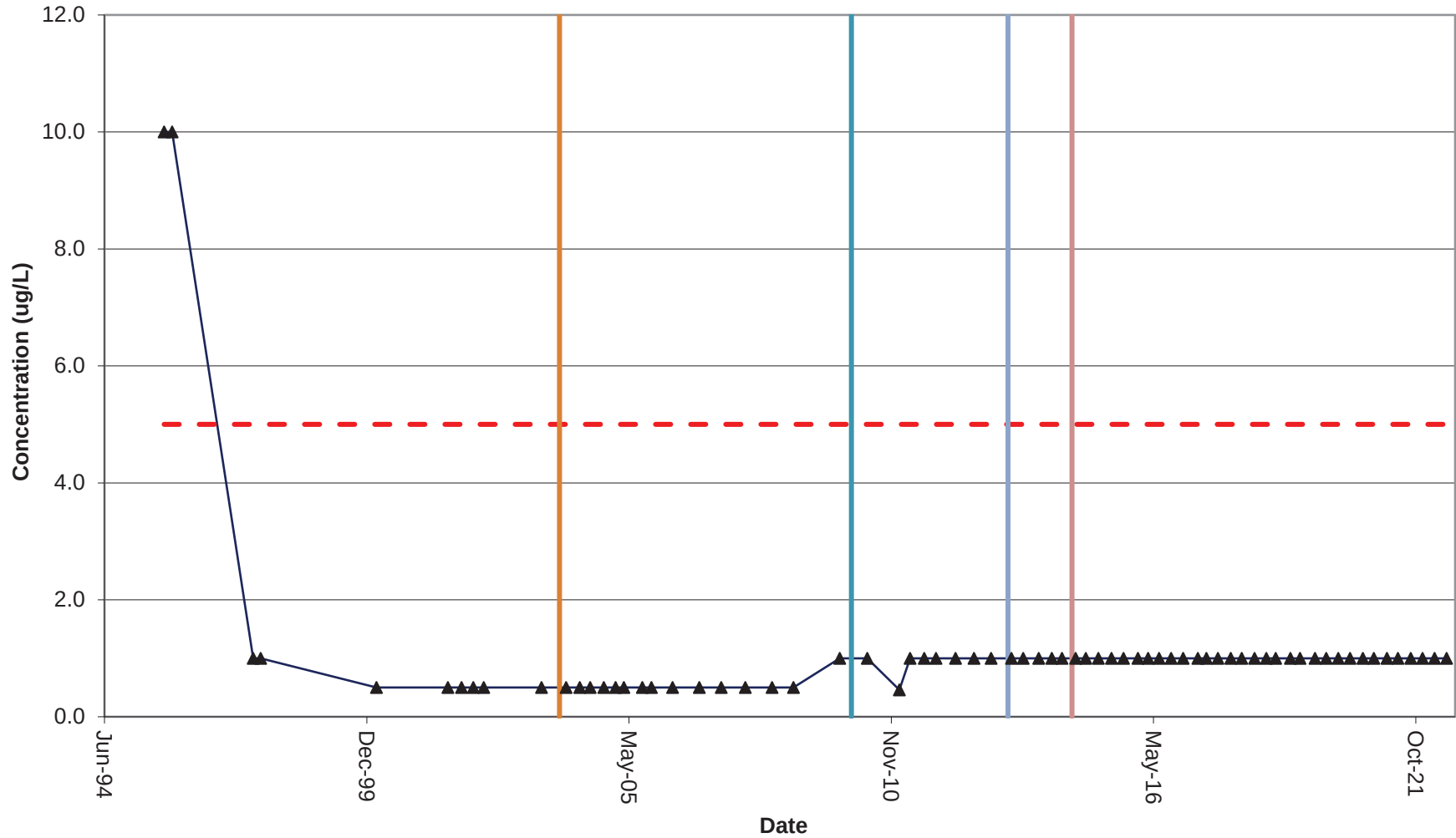


MW-8S: Vinyl Chloride



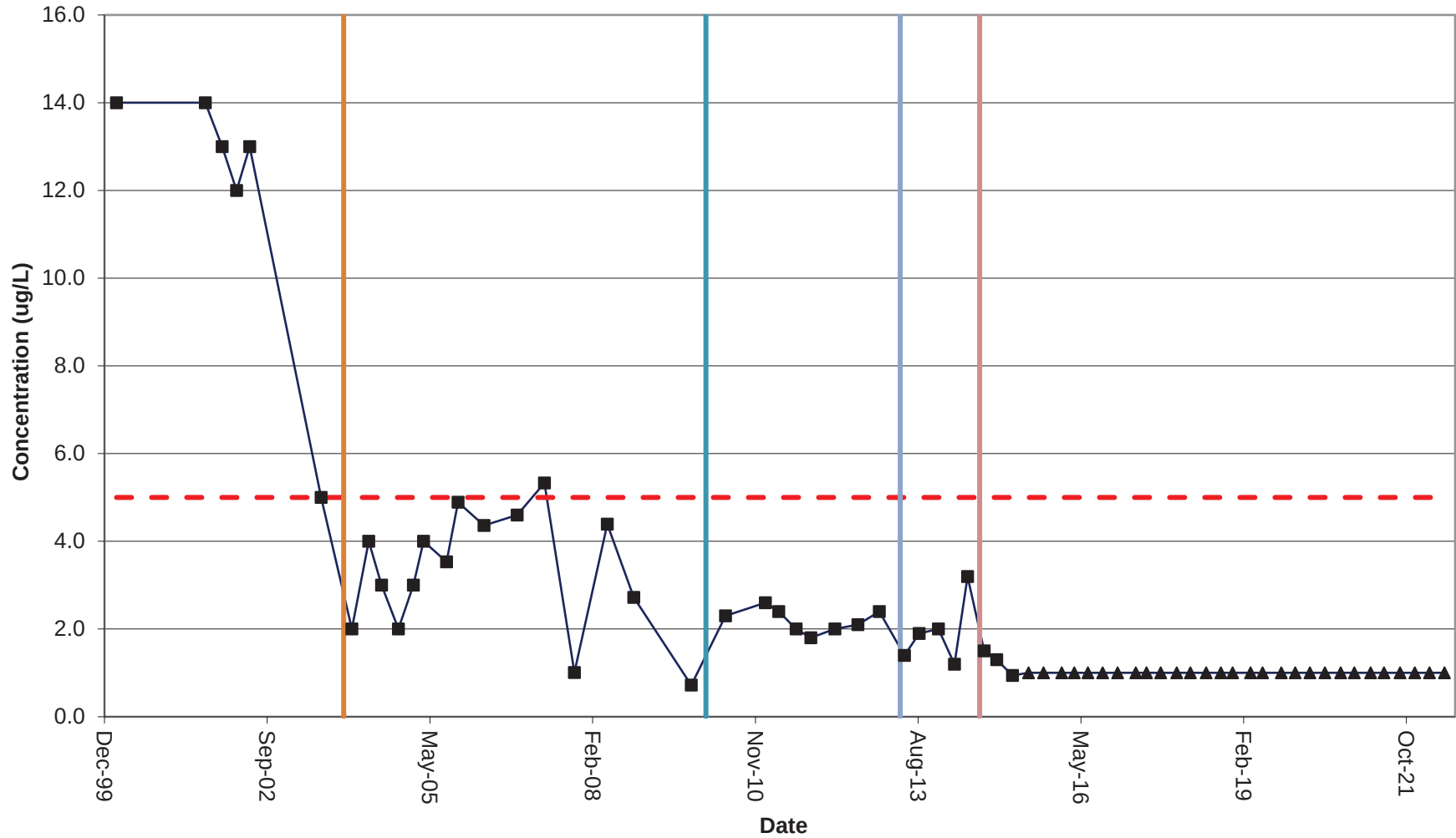
— Vinyl Chloride ■ Detect ▲ Non-Detect - - - NYSDEC Class GA Std — Pumping began — Pump shutdown — Pumping restarted — RW-3 on line

MW-8D: TCE



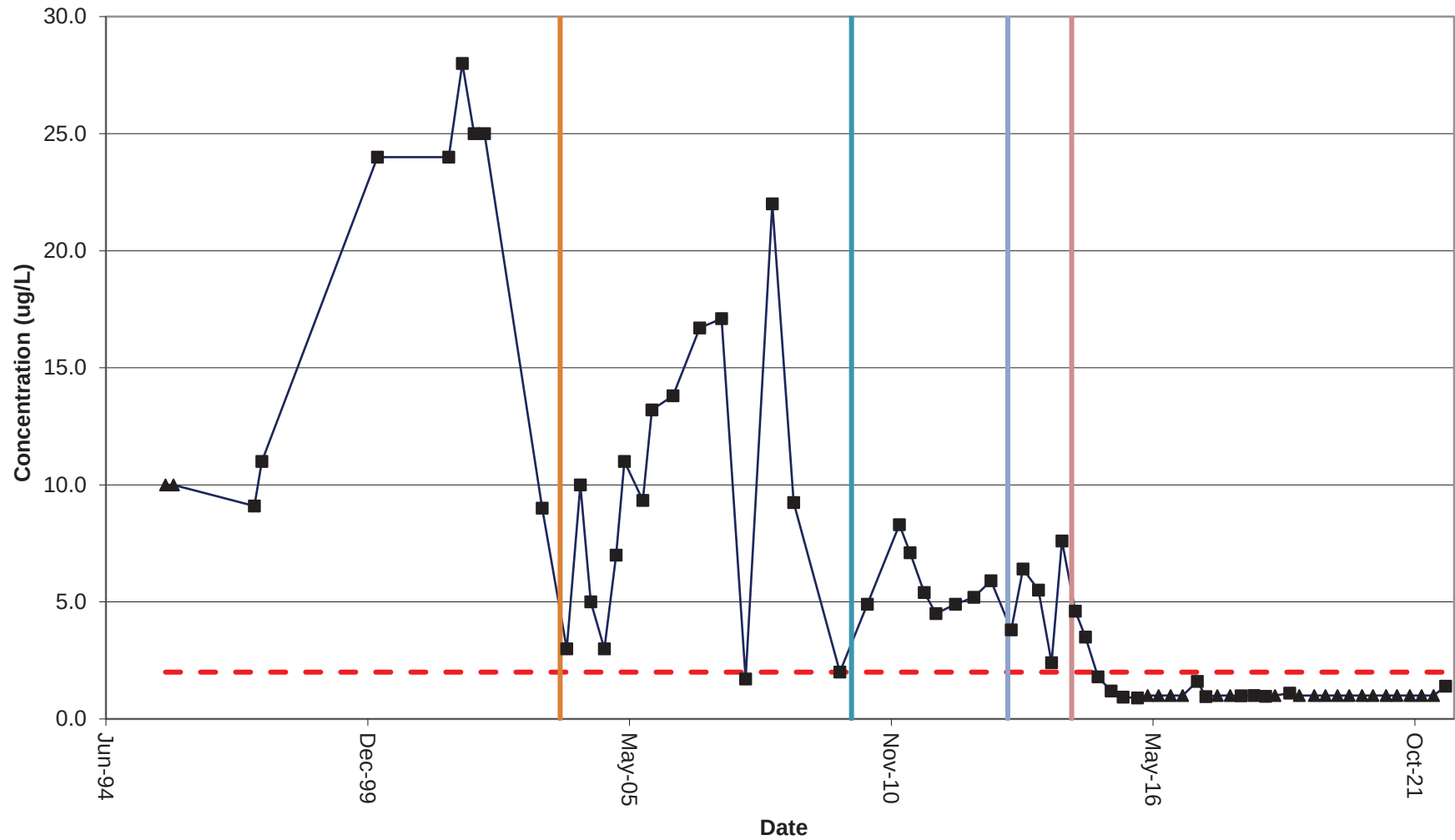
— TCE ■ Detect ▲ Non-Detect - - - NYSDEC Class GA Std — Pumping began — Pump shutdown — Pumping restarted — RW-3 on line

MW-8D: cis-1,2-DCE



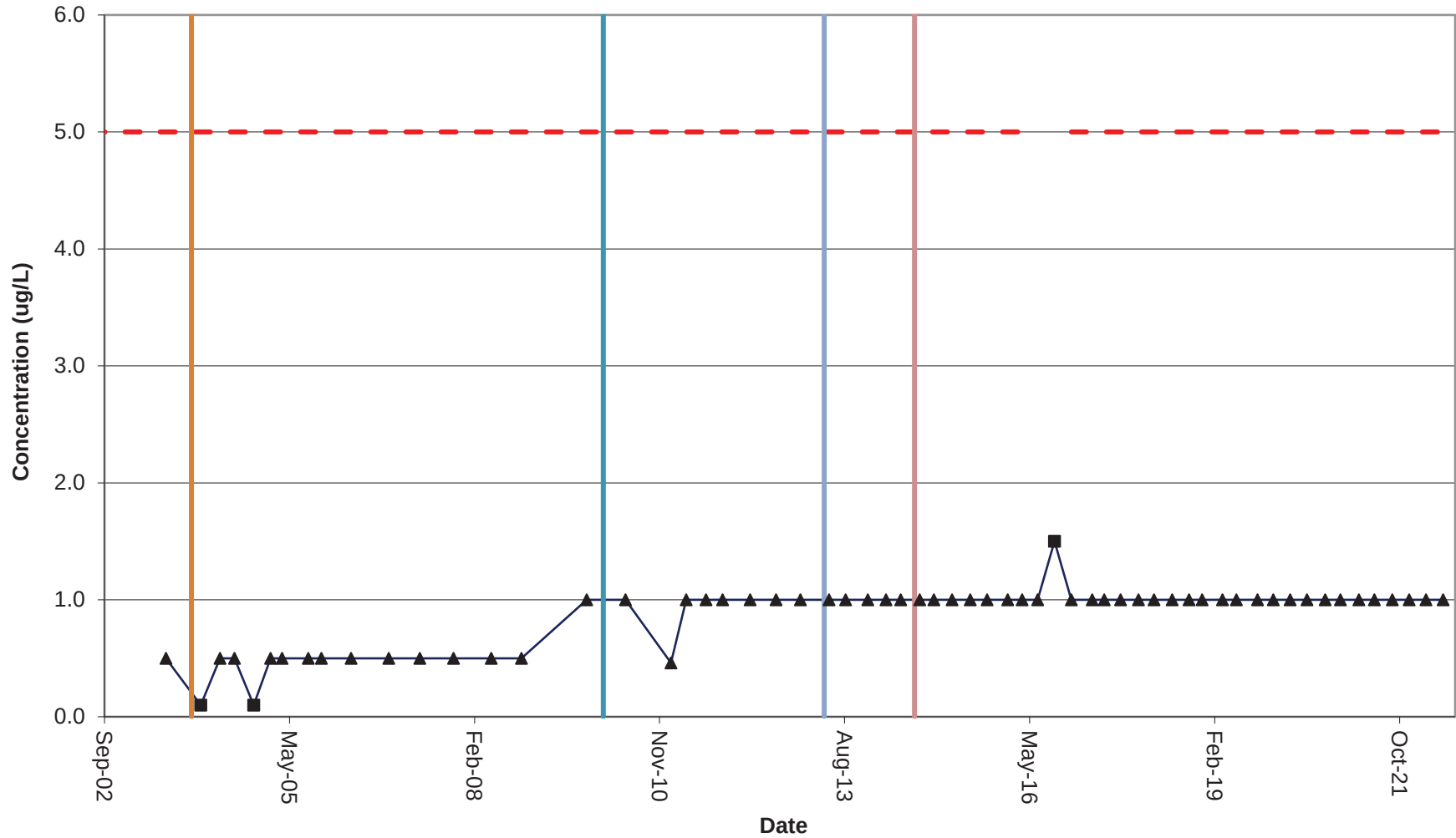
— cis-1,2-DCE ■ Detect ▲ Non-Detect - - - NYSDEC Class GA Std — Pumping began — Pump shutdown — Pumping restarted — RW-3 on line

MW-8D: Vinyl Chloride



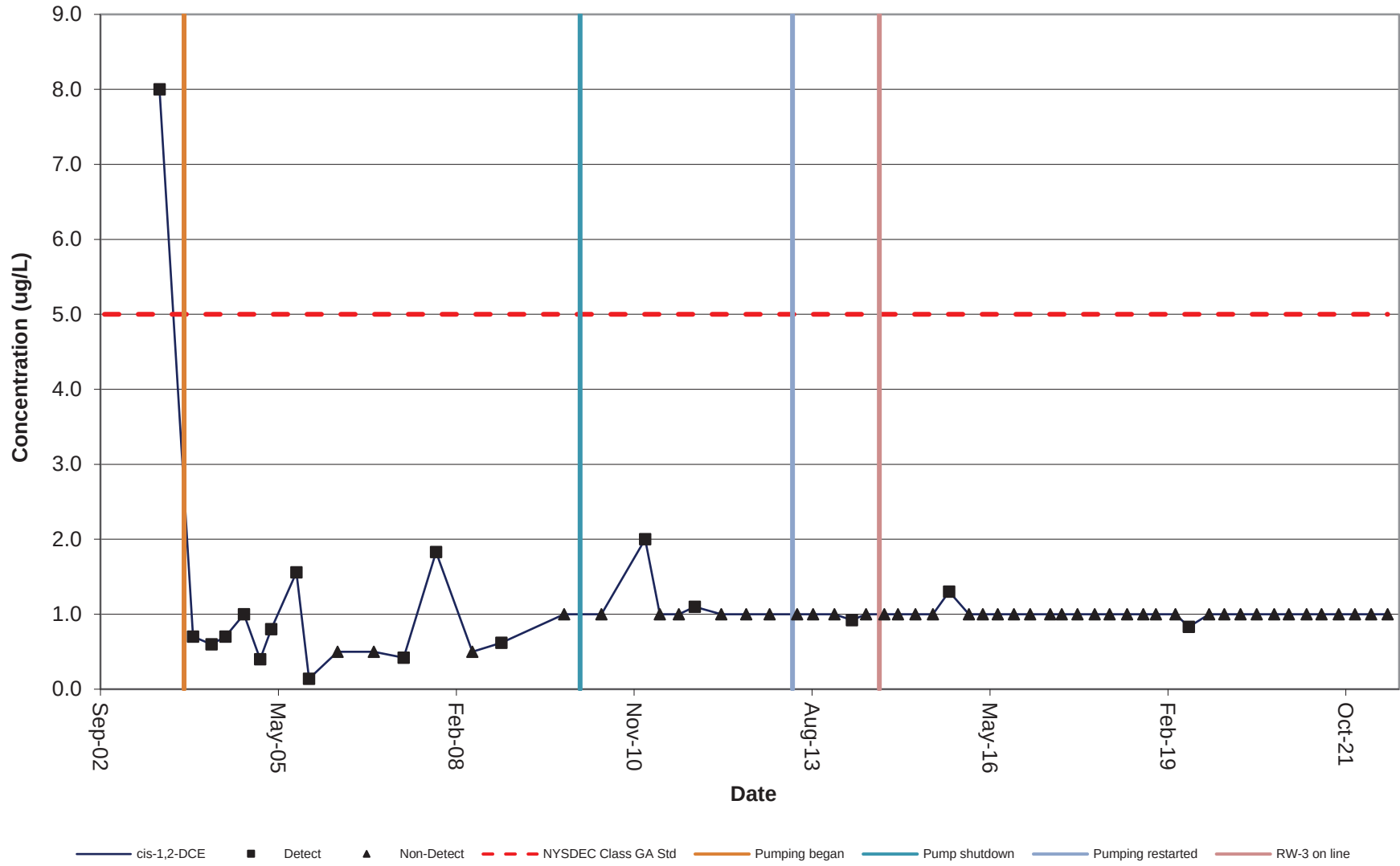
— Vinyl Chloride ■ Detect ▲ Non-Detect - - - NYSDEC Class GA Std — Pumping began — Pump shutdown — Pumping restarted — RW-3 on line

MW-8DD: TCE

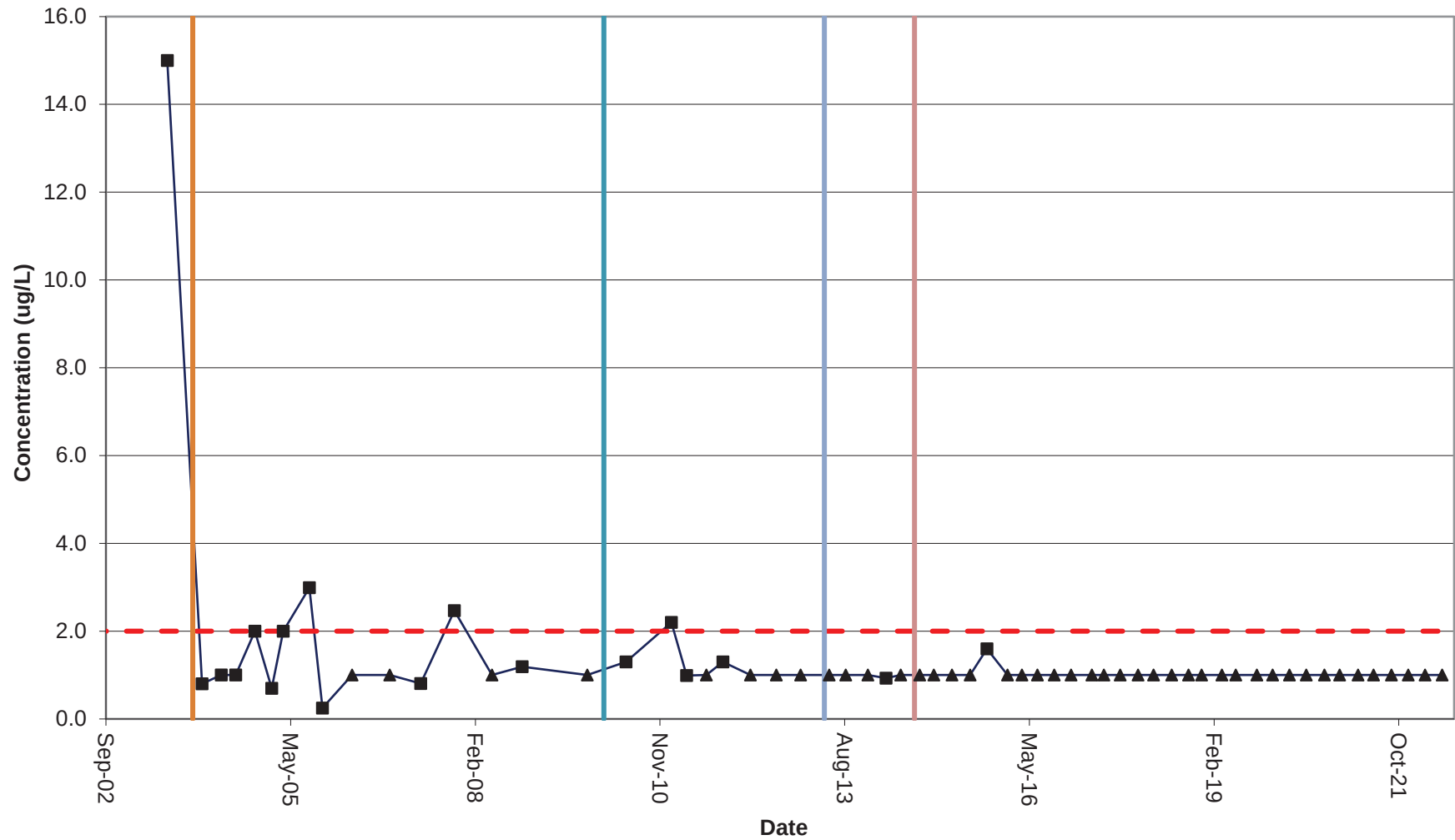


TCE Detect Non-Detect NYSDEC Class GA Std Pumping began Pump shutdown Pumping restarted RW-3 on line

MW-8DD: cis-1,2-DCE

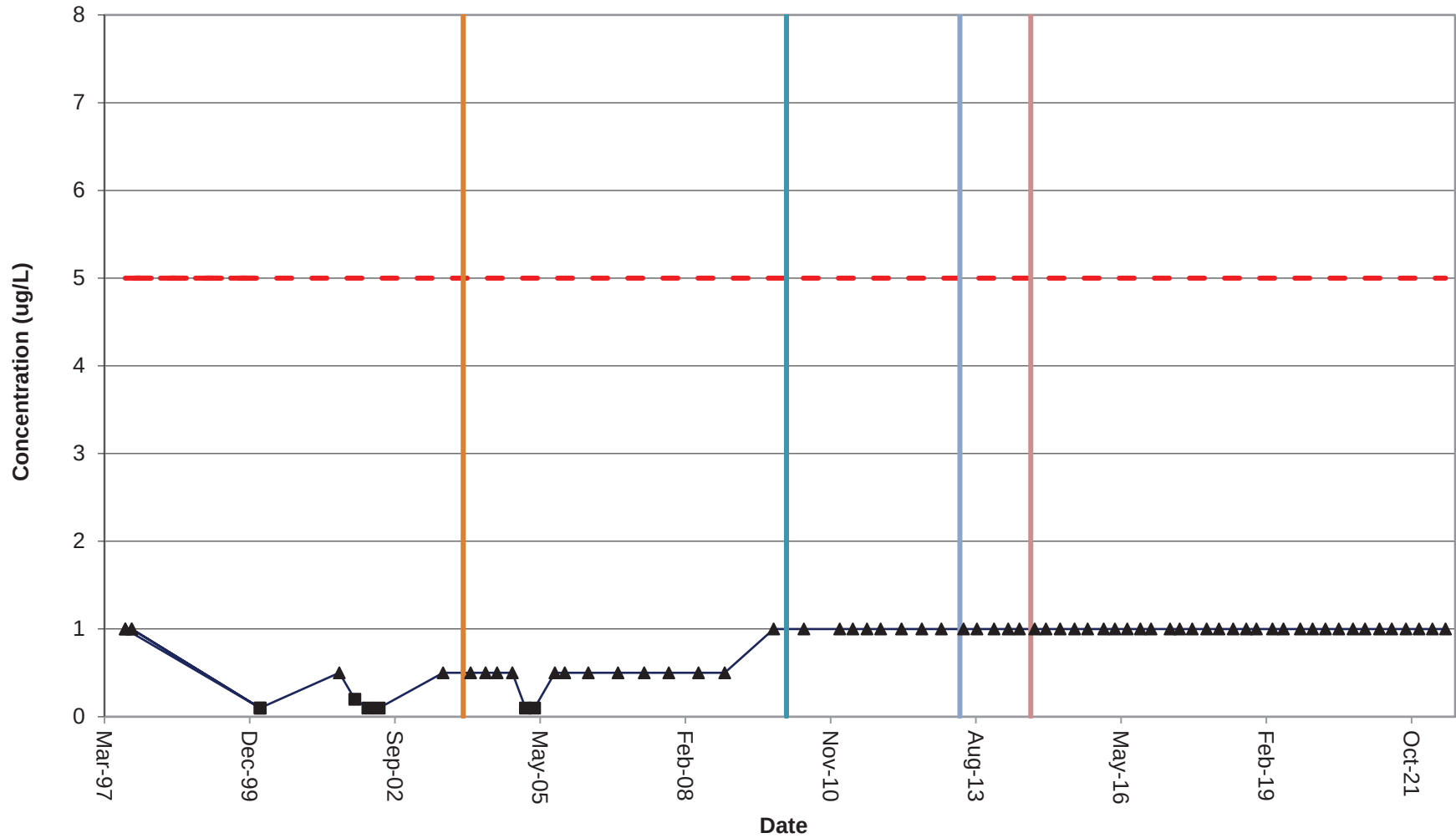


MW-8DD: Vinyl Chloride



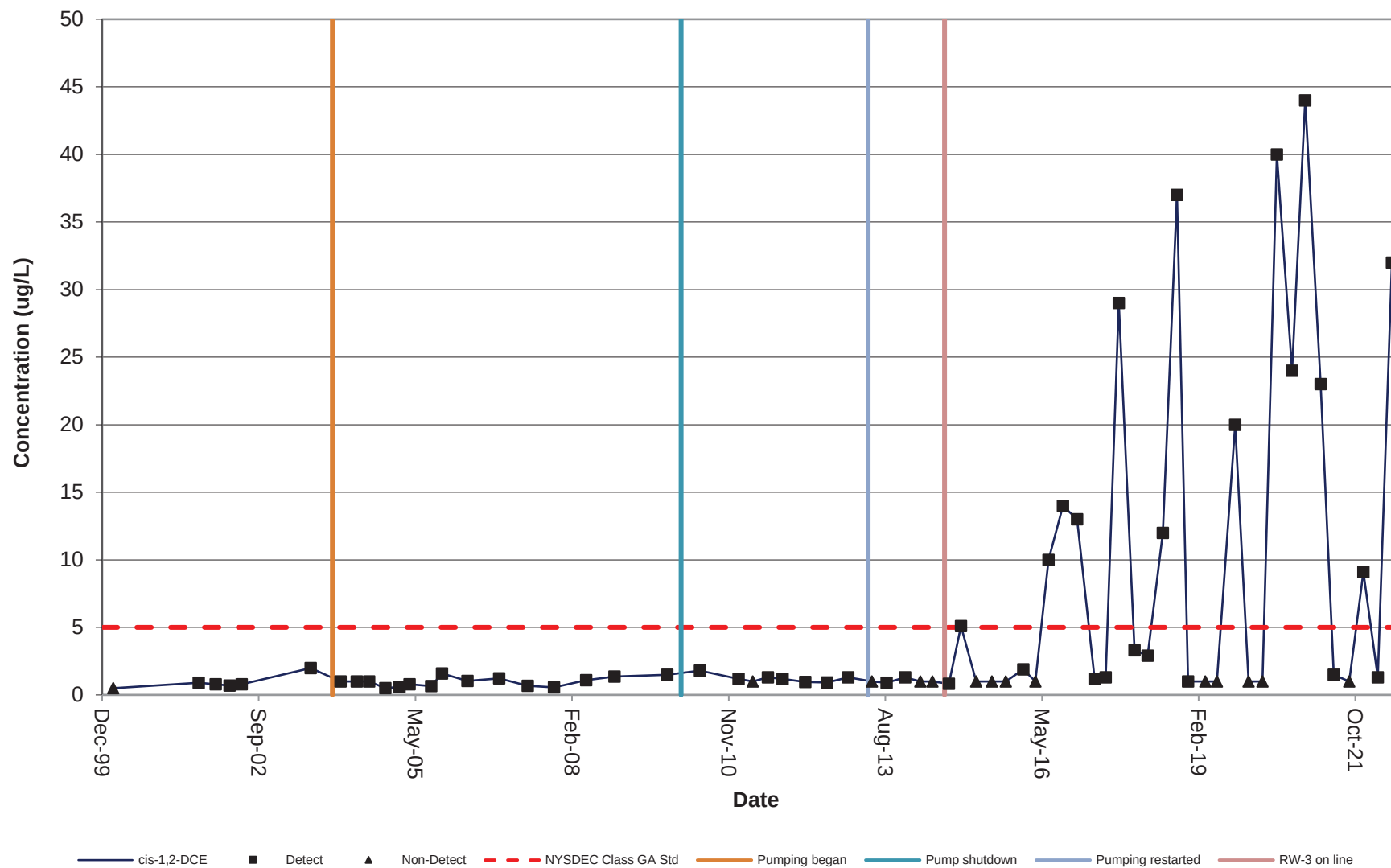
Vinyl Chloride Detect Non-Detect NYSDEC Class GA Std Pumping began Pump shutdown Pumping restarted RW-3 on line

MW-10S: TCE

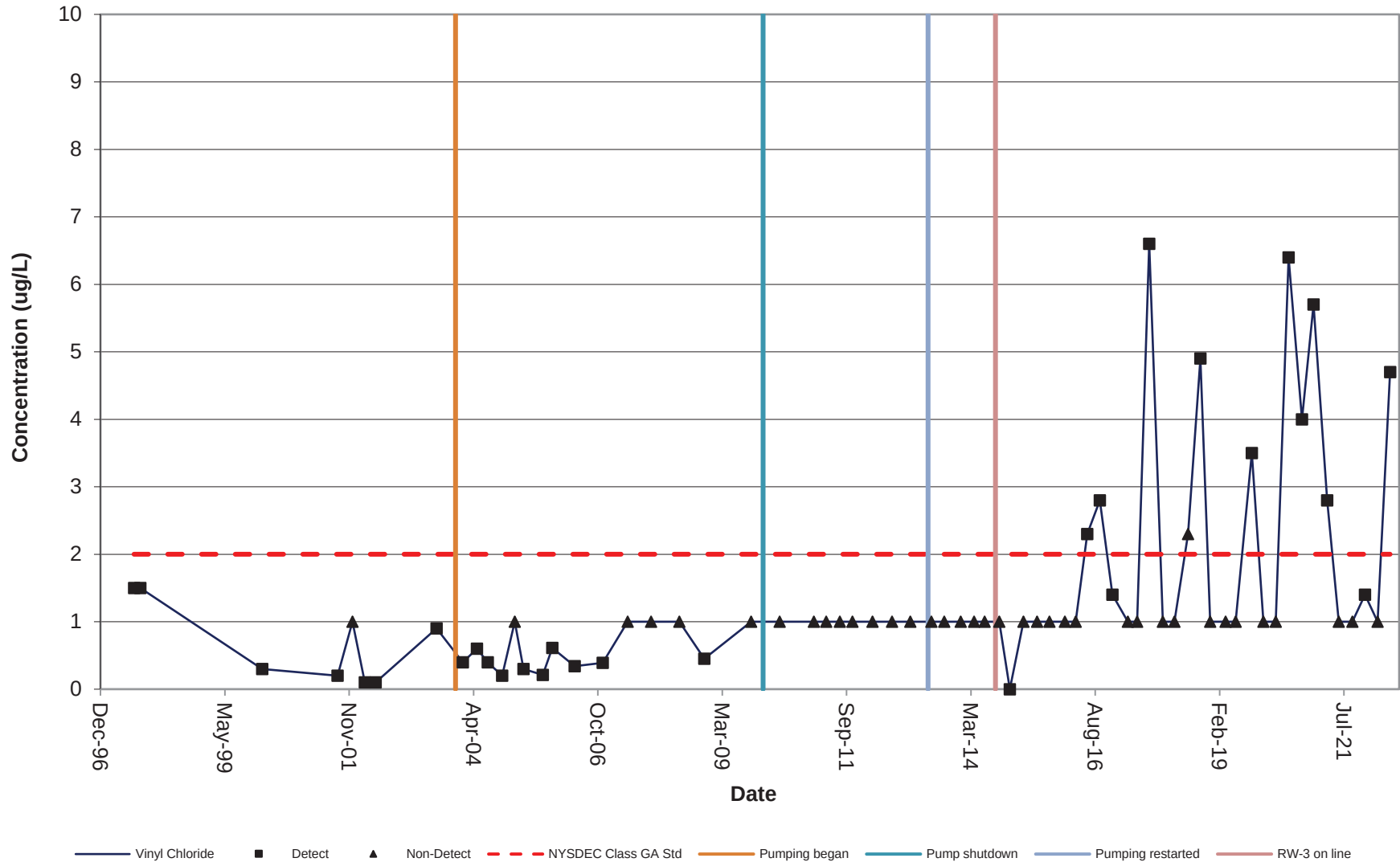


— TCE ■ Detect ▲ Non-Detect - - - NYSDEC Class GA Std — Pumping began — Pump shutdown — Pumping restarted — RW-3 on line

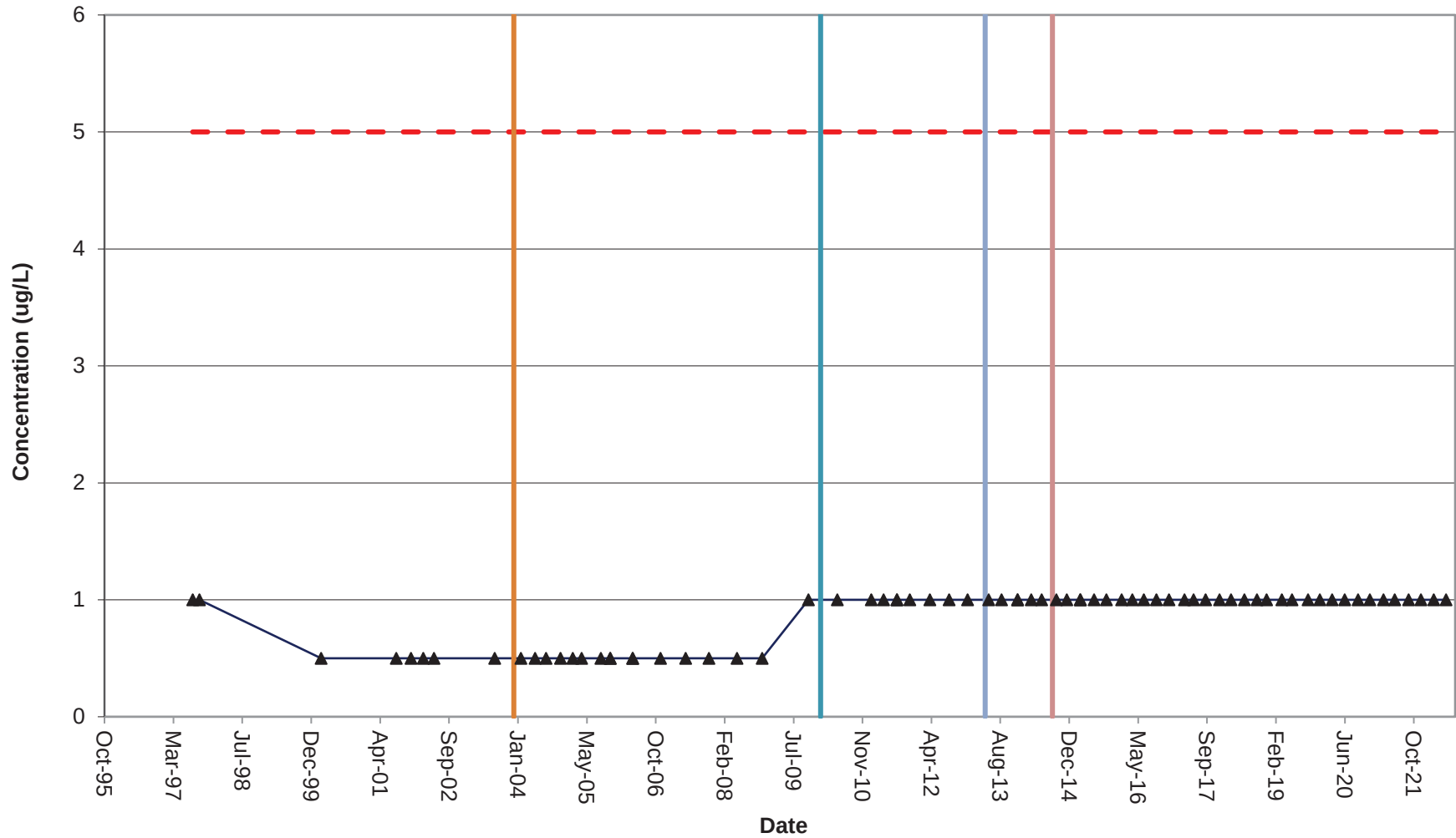
MW-10-S: cis-1,2 DCE



MW-10S: Vinyl Chloride

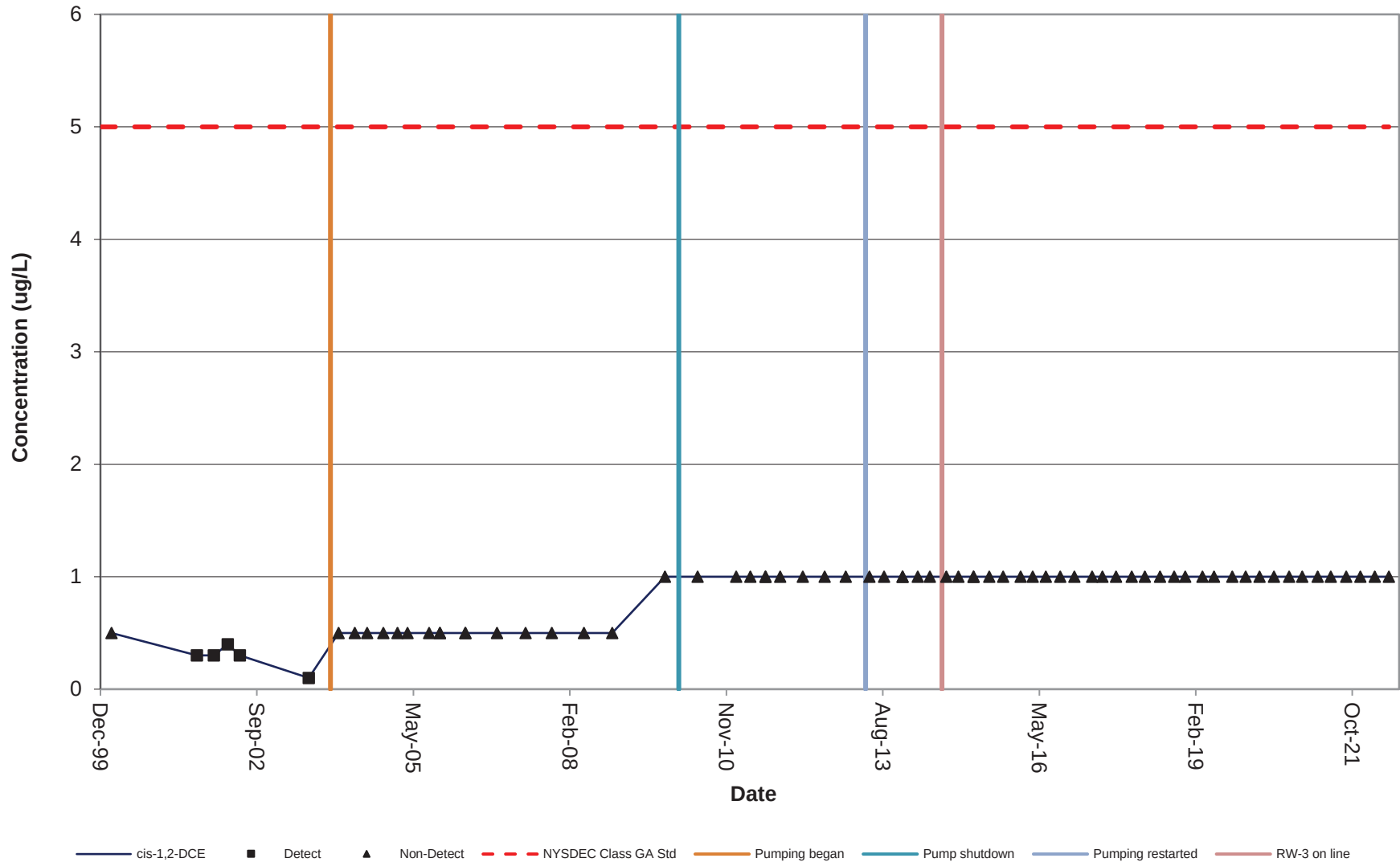


MW-10D: TCE

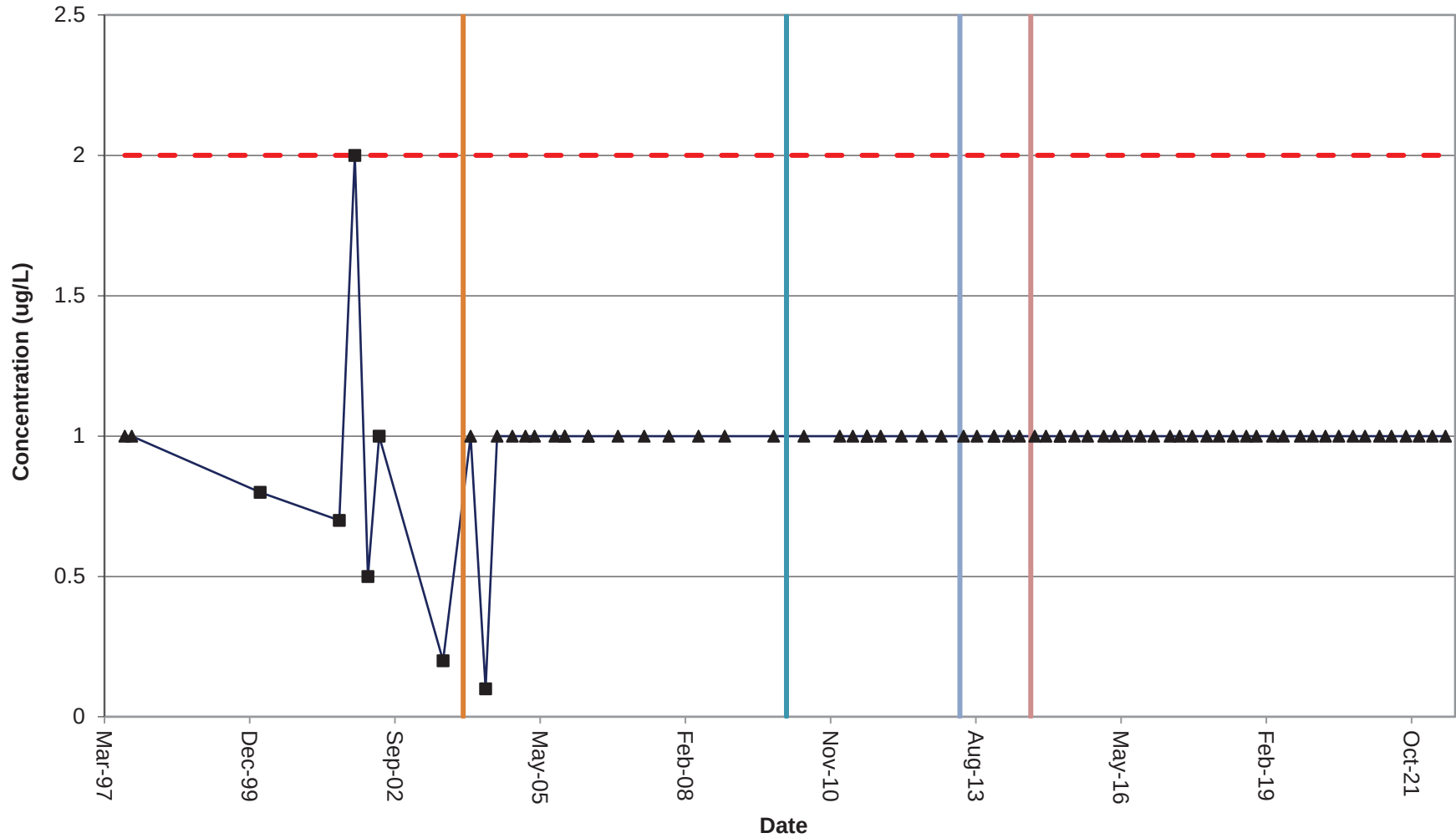


— TCE ■ Detect ▲ Non-Detect - - - NYSDEC Class GA Std — Pumping began — Pump shutdown — Pumping restarted — RW-3 on line

MW-10D: cis-1,2 DCE



MW-10D: Vinyl Chloride



— Vinyl Chloride ■ Detect ▲ Non-Detect - - - NYSDEC Class GA Std — Pumping began — Pump shutdown — Pumping restarted — RW-3 on line

APPENDIX F

EPA APPROVAL LETTER FOR MODIFICATION OF GROUNDWATER MONITORING AND REPORTING FREQUENCY



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

REGION 2
290 BROADWAY
NEW YORK, NY 10007-1866

July 3rd, 2023

Via Email

James Cavotta, Sr. Project Manager
Ramboll
333 West Washington Street
Syracuse, NY 13202

Re: Groundwater Frequency Modification Request for the Forest Glen Superfund Site

Dear Mr. Cavotta,

The U.S. Environmental Protection Agency (EPA) has completed its review of the groundwater frequency modification request, dated August 31, 2022. The request includes a switch to semiannual analytical monitoring, from the current quarterly schedule. Monitoring would alternate annually between the first and third quarters, and the second and fourth quarters. Groundwater elevation monitoring would continue on a quarterly basis. Reporting would consist of a semiannual report and a more extensive annual report submission. Groundwater natural attenuation parameter data monitoring would be discontinued. Additionally, monitoring wells MW-1S, MW-1D, MW-4S, and MW-4D would be removed from analytical monitoring and retained for groundwater elevation measurements only.

The above changes are approved. Additionally, EPA requests semiannually reporting of COC concentrations in influent of the three recovery wells, or combined influent if this is not possible.

Sincerely,

Maeve Wurtz
Remedial Project Manager
New York Remediation Branch

CC: Jeff Sussman, Goodyear
Chris Wiley, Goodyear
Paul Mazurkiewicz, Ramboll
Dave Carnevale, Ramboll
Jenelle Gaylord, NYSDEC
John Mason, EPA