

Intended for

**The Goodyear Tire & Rubber Company
Akron, Ohio**

Document type

ANNUAL REPORT

Date

February 2021

**2020 ANNUAL REPORT
REMEDIAL WORK ELEMENT 2
(GROUNDWATER) FOREST
GLEN SUPERFUND SITE,
NIAGARA FALLS, NEW YORK**

**2020 ANNUAL REPORT
REMEDIAL WORK ELEMENT 2 (GROUNDWATER) FOREST
GLEN SUPERFUND SITE, NIAGARA FALLS, NEW YORK**

Project name **Forest Glen Superfund Site**
Project no. **5540.1950100041**
Recipient **The Goodyear Tire & Rubber Company**
Document type **ANNUAL REPORT**
Version **1**
Date **February 26, 2021**

Ramboll
333 West Washington Street
Syracuse, NY 13202
USA

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



Douglas Crawford, P.E.
Vice President
Ramboll Americas Engineering Solutions, Inc.

CONTENTS

EXECUTIVE SUMMARY	3
1. INTRODUCTION	5
1.1 General	5
1.2 Background	5
2. GROUNDWATER RECOVERY AND DISCHARGE	7
2.1 General	7
2.2 Quarterly Groundwater Discharge Sampling	7
2.3 Groundwater Recovery System Improvements	8
2.3.1 System Preventive Maintenance and Improvements	8
3. GROUNDWATER MONITORING	10
3.1 General	10
3.1.1 Groundwater Level Measurements	10
3.1.2 Groundwater Quality Sampling	10
3.2 Assessment of Groundwater Quality Data and Trends	11
3.2.1 Volatile Organic Compound Trends	11
3.2.2 Geochemical and Dissolved Gas Data Trends	14
3.3 Conclusion	15
REFERENCES	16

TABLES

- 1 Monthly Operation Summary (in text)
- 2 Groundwater Elevations
- 3 2018 - 2020 Groundwater Data – VOCs
- 4 Groundwater Data – VOCs
- 5 Groundwater Data – Geochemical
- 6 Groundwater Data – Dissolved Gases

FIGURES

- 1 Site Location
- 2 Site Plan
- 3 Site Overview
- 4 Shallow Bedrock Groundwater Elevation Contours (3/16/20)
- 5 Deep Bedrock Groundwater Elevation Contours (3/16/20)
- 6 Shallow Bedrock Groundwater Elevation Contours (6/15/20)
- 7 Deep Bedrock Groundwater Elevation Contours (6/15/20)
- 8 Shallow Bedrock Groundwater Elevation Contours (9/21/20)
- 9 Deep Bedrock Groundwater Elevation Contours (9/21/20)
- 10 Shallow Bedrock Groundwater Elevation Contours (12/14/20)
- 11 Deep Bedrock Groundwater Elevation Contours (12/14/20)
- 12 Baseline Shallow Bedrock Groundwater Elevation Contours (2/14/00)
- 13 Baseline Deep Bedrock Groundwater Elevation Contours (2/14/00)

APPENDICES

Appendix A

Effluent Monitoring Reports

Appendix B

Significant Industrial User (SIU) Discharge Permit 61

Appendix C

Groundwater Monitoring Laboratory Reports

Appendix D

Groundwater VOC Concentration Trends

Appendix E

CAH Mass Trends

EXECUTIVE SUMMARY

This document is the 2020 Annual Report for Remedial Work Element 2 (groundwater) (RWE-2) for the Forest Glen Superfund Site (Site) in Niagara Falls, New York. The Record of Decision (ROD; USEPA, 1999) established two remedial action objectives (RAOs) for RWE-2, specifically:

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

To achieve these RAOs, the USEPA selected a two-part approach for RWE-2. The first component includes extraction of contaminated groundwater from the on-property plume using groundwater recovery wells RW-1 and RW-2, and transfer of the extracted groundwater via sanitary sewer to the City of Niagara Falls Wastewater Treatment Plant. The second component for RWE-2 includes natural attenuation of the off-property VOC plume. The RWE-2 remedy was completed to complement the Remedial Work Element 1 (Soil) (RWE-1) remedy selected by the USEPA for Operable Unit 2 (soil) which consisted of construction of a 6 NYCRR Part 360 low-permeability geomembrane cap over the suspected source of volatile organic compounds (VOCs) in overburden soil. The construction of both RWE-1 and RWE-2 was completed, and operation of the groundwater recovery system including RW-1 and RW-2 started, during 2003. A third groundwater recovery well, RW-3, was completed and operations began on August 27, 2014 to augment contaminant capture and further minimize the potential for contaminant migration off-property. Combined, these wells recovered 11,689,803 gallons of groundwater for treatment at the Niagara Falls Wastewater Treatment Plant during 2020. The groundwater recovery system was operational 100% of the year and actively pumped approximately 97% of 2020.

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

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

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

vinyl chloride above the MCL. Since RW-3 has been operating, the concentration of vinyl chloride has declined in MW-6DD, while the concentration of cis-1,2-DCE fluctuates between 10 and 25 µg/L.

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

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

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

1. INTRODUCTION

1.1 General

This document is the 2020 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 2020.

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 2020, 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 low-permeability geomembrane cap, were completed in 2003 as presented in the USEPA-approved *Remedial Action Report* dated April 2004 (O'Brien & Gere Engineers, Inc. (OBG), 2004a). Operation and monitoring (O&M) requirements associated with RWE-1 are described in the *RWE-1 O&M Manual* dated April 2004 (OBG, 2004b), and Cherokee Niagara, LLC is responsible for implementing the O&M program for RWE-1 and separately reports the findings to USEPA. As such, RWE-1 is not discussed further herein.

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

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

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

- Extraction of impacted groundwater from the on-property VOC plume. Since December 2003, this has been accomplished using two on-property groundwater recovery wells (RW-1 and RW-2), and a third groundwater recovery well, RW-3, which was placed into operation on August 27, 2014 to augment the system. The locations of the recovery wells and other Site features are shown on **Figure 3**.
- Transfer of the extracted groundwater via sanitary sewer to the City of Niagara Falls Wastewater Treatment Plant. The discharge point permitted by the Niagara Falls Water Board (NFWB) is at sanitary sewer manhole MH-3B for RW-1 and RW-2, and manhole MH-3C for RW-3 (**Figure 2**).
- Implementation of a long-term groundwater monitoring program to assess progress toward the RAOs. The monitoring program includes periodic VOC analyses, and through 2013 also included analysis of natural attenuation indicators which exhibited consistent concentrations comparing them to the historic results.

The shallow bedrock comprises the weathered portion of the bedrock and the first zone of highly 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 was encountered between the shallow and deep bedrock zones. Bedrock underlying the deep zone, between elevations of approximately 490-ft msl and 530-ft msl define the deeper bedrock zone. Groundwater was not encountered between elevations of approximately 477.5-ft msl and 490-ft msl, based on drilling data from MW-7DD(1). The lack of groundwater indicates that an aquiclude exists at an elevation of approximately 490-ft msl, which appears to be at least 12.5-ft thick. The top of the aquiclude (490-ft msl) defines the bottom of the bedrock groundwater system underlying the Site.

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

A groundwater extraction system at the Site is currently in operation. The groundwater extraction system comprises three pumping wells, RW-1, RW-2 and RW-3. RW-1 and RW-2 are the two original pumping wells installed and operated since 2003. A trial shut-down of the recovery system was conducted from October 2010 through April 2013 to assess if concentrations of contaminants of concern, namely TCE, cis-1,2-DCE, and VC, in the groundwater would rebound. Due to observed rebound of COC concentrations, the system was restarted. RW-3 was added to the extraction system in August 2014 to control contaminant migration to off-Property areas to the west of the Site.

During September 2017, the USEPA completed its Fifth Five-Year Review Report for the Site and concluded that the remedy protects human health and the environment.

2. GROUNDWATER RECOVERY AND DISCHARGE

2.1 General

A total of 11,689,803 gallons of groundwater were recovered during 2020. **Table 1** below presents a summary of the volumes recovered each month.

Table 1. Monthly Operating Summary					
Month	RW-1 volume (gallons)	RW-2 volume (gallons)	RW-3 volume (gallons)	Total volume (gallons)	Remarks
January	437,059	407,882	182,291	1,027,232	97% operation permitted by Regulator No. 6C.
February	364,094	350,567	152,360	867,021	100% operation permitted by Regulator No. 6C.
March	356,512	459,737	208,726	1,024,975	95% operation permitted by Regulator No. 6C.
April	293,791	434,803	201,629	930,223	99% operation permitted by Regulator No. 6C.
May	216,356	428,814	201,116	846,286	97% operation permitted by Regulator No. 6C.
June	258,253	450,873	193,728	902,854	98% operation permitted by Regulator No. 6C.
July	366,024	447,588	218,922	1,032,534	97% operation permitted by Regulator No. 6C.
August	356,712	420,946	220,688	998,346	93% operation permitted by Regulator No. 6C.
September	354,508	427,181	206,643	988,332	97% operation permitted by Regulator No. 6C.
October	348,721	434,242	213,414	996,377	94% operation permitted by Regulator No. 6C.
November	348,814	461,023	216,459	1,026,296	99% operation permitted by Regulator No. 6C.
December	358,992	477,808	212,527	1,049,327	100% operation permitted by Regulator No. 6C.
2020 Total	4,059,836	5,201,464	2,428,503	11,689,803	

Source: Ramboll

2.2 Quarterly Groundwater Discharge Sampling

In accordance with the Significant Industrial User (SIU) permit, effluent samples were collected for analyses of VOCs including VC, 1,1-dichloroethylene (1,1-DCE), 1,2-dichloroethylene (1,2-DCE, cis and trans), 1,1-dichloroethane (1,1-DCA), TCE, tetrachloroethylene (PCE), and 1,1,1-

trichloroethane (1-1-1-TCA) from the recovery wells in operation at the time for the following quarters:

- December 1, 2019 to February 28, 2020: RW-1, RW-2 and RW-3 sampled on December 18 and 19, 2019.
- March 1, 2020 to May 31, 2020: RW-1, RW-2 and RW-3 sampled on March 16 and 17, 2020.
- June 1, 2020 to August 31, 2020: RW-1, RW-2 and RW-3 sampled on June 15 and 16, 2020.
- September 1, 2020 to November 30, 2020: RW-1, RW-2 and RW-3 sampled on September 21 and 22, 2020.

The self-monitoring laboratory reports for 2020, which were provided to the Niagara Falls Water Board (NFWB) are provided as **Appendix A**. The effluent sample results for each quarter demonstrate that the groundwater recovery system operated in accordance with the discharge limits established by the SIU permit (**Appendix B**).

2.3 Groundwater Recovery System Improvements

2.3.1 System preventive maintenance and improvements

March 10- March 11, 2020

The monthly reports indicated that the flowrates at RW1, RW2 and RW3 showed a slow decline, and it was determined that the recovery well pumps should be pulled, inspected, and cleaned as needed. A field team was mobilized to perform the inspection and maintenance of the three well pumps and inspect and flush the discharge lines with high pressure potable water to remove any line fouling.

May 4, 2020

The magnetic flowmeter used to measure RW1 discharge flow was replaced as the existing flow meter display was not functioning properly. A new flow tube and transmitter were installed as replacement components are no longer available for the previous unit. Following mechanical and electrical installation of the flow meter components, the unit was commissioned to confirm there were no leaks at the connection points, and the panel meter located in the main control panel and the autodialer/datalogger readings were confirmed to match the flow meter output signal. The flow meter was returned to operation and pump flows were again verified to match between the flow meter display, the panel meter display, and the autodialer/datalogger. RW-1 pump was returned to automatic operation.

May 27, - May 28, 2020

Due to continued reductions in flow rates from RW-1, the RW-1 pump pulled and cleaned, and the forcemain for RW-1 was cleaned from the well to the discharge manhole, MH3B. Cleaning of the RW1 pump and snaking the conveyance lines improved the flowrate to the historical norm around 10 gpm.

June 23, 2020

Recent observations showed that the flowrate for RW3 appeared to be decreasing regularly over the one-week span between regular inspections. The corrective actions taken included:

increasing motor speed and flows for a short period of time to flush the pump and discharge line on a weekly basis; fluctuating flows from the pump adjusting the motor VFD/motor speed; and closing the discharge valve on the RW-3 forcemain while the pump was operating in order to create backpressure for a short period of time, and then opening the valve to flush the system. These activities have proven beneficial in keeping the pump and lines free of fouling and will continue to be employed on a weekly basis.

October 5- October 9, 2020

The RW1/RW2 sampling shed was replaced in November 2019 with a similarly sized wooden shed. As part of planned maintenance two coats of latex paint were applied to the exterior wooden siding, soffit, and metal doors.

October 26-October 28, 2020

Recovery wells RW-1, RW-2, and RW-3 were re-developed in an attempt to improve the well performance and to remove fouling and/or bacterial growth that had accumulated in the well. The recovery pump and piping were removed, and each recovery well was video inspected prior to re-development to evaluate the condition of each well bore. The video inspection showed varying amounts of orangish-colored bacterial growth, presumed to be iron-bacteria, on the walls of the open bedrock portions of RW-1, RW-2, and RW-3. The open bedrock portion of each recovery well was physically cleaned using a wire brush attached to drilling rods which were extended into the well using a drill rig. After brushing, a venturi pump was used to pump groundwater from each well bore to a temporary holding tank until the discharge was observed to be relatively clear. A surge block was then extended into each well and raised and lowered along the entire length of the open well bore to remove sediments that may have accumulated within the fractures intersected by the well bore. After surging, the well was again pumped to a temporary holding tank until discharge ran clear. A video inspection of the bore hole was conducted post redevelopment, which indicated that the development activities were successful in removing the build-up of bacterial growth from the walls of open bedrock portions of RW-1, RW-2, and RW-3. A temporary holding tank was set up to receive the development water which was in turn pumped through bag filters and subsequently discharge to the MH3B. The bag filters were changed as needed during the testing/pumping and containerized for disposal at an approved facility.

3. GROUNDWATER MONITORING

3.1 General

Groundwater samples were collected from monitoring wells MW-1S, MW-1D, MW-4S, MW-4D, MW-5S, MW-5D, MW-6S, MW-6D, MW-6DD, MW-7S, MW-7D, MW-7DD, MW-8S, MW-8D, MW-8DD, MW-10S and MW-10D (**Figure 3**) on four occasions during 2020 (March, June, September and December). During each monitoring event, groundwater levels were also measured prior to initiating the groundwater sampling.

3.1.1 Groundwater level measurements

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

Groundwater elevation contour maps of the shallow bedrock and deep bedrock groundwater are shown on **Figures 4 and 5**, respectively for March 2020; **Figures 6 and 7**, respectively for June 2020; **Figures 8 and 9**, respectively for September 2020; and **Figures 10 and 11**, respectively for December 2020. 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 cover and groundwater recovery system were complete.

Comparison of the baseline shallow and deep bedrock groundwater elevation contour maps (**Figures 12 and 13**) to the March, June, September and November 2020 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 Test America Laboratories, Inc. 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 2018 and 2020 are presented in **Table 3**, and between system startup on December 19, 2003 and 2020 on **Table 4**. **Table 4** also presents historic groundwater data collected prior to completing construction of the groundwater recovery system and the Part 360 cover.

In addition to the VOC analyses, samples were analyzed for geochemical parameters (sulfide, chloride, alkalinity, total organic carbon, sulfate, nitrate, nitrite, dissolved ferrous iron, total dissolved iron, and total dissolved manganese) and dissolved gases (methane, ethane, ethene) during the first (March) and third quarter (September) 2020 monitoring event. **Tables 5 and 6** present the geochemical and dissolved gas data, respectively.

Groundwater monitoring data are compared to regulatory criteria, which include federal maximum contaminant levels (MCLs) and New York State Class GA groundwater standards. It

should be noted that for the COCs, which are TCE, cis-1,2-DCE, and vinyl chloride, the federal MCLs and the Class GA groundwater standards are the same for TCE and vinyl chloride at 5 µg/L and 2 µg/L, respectively; however, the federal MCL for cis-1,2-DCE is 70 µg/L compared to the Class GA groundwater standard of 5 µg/L.

3.2 Assessment of Groundwater Quality Data and Trends

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

3.2.1 Volatile organic compound trends

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

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

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

- To the east of the MW-5S/D well nest:
 - CAHs were not detected above MCLs or Class GA groundwater standards at well MW-1S/D prior to the initiation of pumping in 2003. Since the initiation of pumping in 2003, CAHs have not been detected above MCLs or Class GA groundwater standards in the MW-1S/D nest, the only remaining monitoring wells sampled to the east of MW-5S/D nest.
- To the south of the MW-5S/D well nest:
 - TCE has not typically been detected at the MW-6S/D/DD well nest, and when detected, concentrations are below MCLs.
 - cis-1,2-DCE concentrations at MW-6S were typically below the MCL and Class GA groundwater standard prior to the initiation of pumping at RW-1 and RW-2. After startup of RW-1 and RW-2, concentrations increased slightly and typically ranged between 2 µg/L and 16 µg/L. During the trial shut down of the groundwater extraction system, cis-1,2-DCE concentrations were typically below the MCL and Class GA groundwater standard. After RW-1 and RW-2 were re-started, cis-1,2-DCE concentrations increased sharply to the highest concentration (70 µg/L) observed in this well. After RW-3 was placed on-line, cis-1,2-DCE concentrations declined to levels typically ranging between 10 µg/L and 30 µg/L. Concentrations of cis-1,2-DCE at MW-6D have remained below the MCL and Class GA groundwater standard since the first quarter 2014, which is attributable to operation of RW-3. cis-1,2-DCE concentrations at MW-6DD have been

- consistently detected below the MCL but above the Class GA groundwater standard. Concentrations typically fluctuate between 10 and 30 µg/L.
- VC concentrations at MW-6S were intermittently detected historically and at concentrations generally below the MCL until RW-3 was brought on-line. Since then, VC concentrations have shown fluctuations with an overall increasing trend through March 2020. Since then, VC concentrations have declined to a non-detectable level in December 2020. VC concentrations at MW-6D were observed to increase after initiation of pumping at RW-1 and RW-2 and have 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 remained below the MCL or not detected to present. This 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 have ranged between approximately 10 µg/L and 20 µg/L. Shortly before startup of RW-3, VC concentrations decreased to a range between the MCL and approximately 5 µg/L. Since the fourth quarter of 2016, VC concentrations have remained relatively stable around 5 µg/L with intermittent periods when VC was not detected above the MCL. This is attributable to operation of RW-3.
 - TCE has not been detected at MW-10S since April 2005, and when detected, concentrations are below the MCL.
 - 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 2020, cis-1,2-DCE was not detected during the first quarter. During the second, third and fourth quarters cis-1,2-DCE concentrations increased. Since start-up of RW-3, detected cis-1,2-DCE concentrations have ranged between 0.8 µg/L and 44 µg/L. Cis-1,2-DCE has not been detected at MW10D since the first quarter of 2004.
 - VC concentrations at MW-10S were intermittently detected historically but at concentrations below the MCL until the first quarter of 2016, approximately 1.5 years after RW-3 was put on-line. Since then, concentrations of VC have been non-detect at times and detected at concentrations above the MCL at other times.
 - To the north of MW-5S/D:
 - TCE has not been detected at MW-4S. TCE has not been detected above the MCL at MW-4D and has not been detected since the fourth quarter of 2006.
 - Cis-1,2-DCE has not been detected above the MCL or Class GA groundwater standard at MW-4S and has not been detected since the fourth quarter of 2016. Cis-1,2-DCE has not been detected at MW-4D.
 - VC has not been detected at MW-4S or MW-4D.
 - Off-property to the west of MW-5S/D:
 - TCE has not been detected above the MCL at the MW-7S/D/DD well nest, MW-8D, or MW-8DD. TCE has not been detected above the MCL since the second quarter of 2002 at MW-8S.
 - Cis-1,2-DCE has not been detected above the MCL or Class GA groundwater standard at MW-7S, or at MW-7D and MW-7DD since the fourth quarter of 2007

and the first quarter of 2004, respectively. Cis-1,2-DCE has not been detected above the MCL or Class GA groundwater standard at MW-8S, MW-8D, and MW-8DD since the third quarter of 2001, second quarter of 2007, and the third quarter of 2003.

- VC has not been detected at MW-7S and has not been detected at MW-7D and MW-7DD since the first quarter of 2012 and the fourth quarter of 2005, respectively. VC has not been detected at above the MCL at MW-8S since the first quarter of 2000, at MW-8D since the fourth quarter of 2014, and at MW-8DD since the first quarter of 2011.
- These data indicate that the combination of groundwater extraction on-Property and monitored natural attenuation (MNA) off-Property have minimized impacts to off-Property areas.

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

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

- MW-4S/D nest – the CAH mass at MW-4S has been very low (*i.e.* 0.001 $\mu\text{mol}/\text{l}$) since the initiation of sampling, while the CAH mass at MW-4D has declined to very low (*i.e.* 0.001 $\mu\text{mol}/\text{l}$) concentrations since pumping was initiated in 2003.
- MW-5S/D nest – the CAH mass in MW-5S dominates the mass distribution at this well nest and represents the highest CAH mass in the on-Property monitoring wells. With the initiation of pumping in 2003 the CAH mass has declined from about 15 $\mu\text{mol}/\text{l}$ to below 5 $\mu\text{mol}/\text{l}$. The combined CAH mass in this well nest began to increase following the trial shutdown of pumping between November 2010 and April 2013. Since the re-start of the extraction system, the combined CAH mass decreased and continues to be at its lowest historical levels during each quarter of 2020.
- MW-6S/D/DD nest – the CAH mass at this well nest had increased since the initiation of pumping in 2003. MW-6S had stable low CAH mass prior to the initiation of pumping in 2003 and showed a similar pattern after pumping was shut down between November 2010 and April 2013. After the groundwater recovery system was restarted, CAH mass in MW-6S was more variable and exhibited a slight increase, as shown between June 2014 and March 2016. CAH mass then decreased during the next three quarters in 2016 and was stable during 2017. CAH mass then varied at concentrations of 1.5 to 0.2 $\mu\text{mol}/\text{l}$ during 2018 and 2020, respectively. CAH mass in MW-6D increased by up to a factor of two since the initiation of pumping in 2003 through 2013, declined sharply after December 2013 and has continued to decline from then through 2020. CAH mass in MW-6DD, which was installed when the pumping wells were installed, remained relatively constant since monitoring began. The combined CAH mass in this well nest increased since the initiation of pumping in 2003 through 2013. From 2014 through 2020, the combined CAH mass showed a more stable trend. Temporal variability in the contaminant mass distribution are not unexpected given the heterogenous nature of the fractured

bedrock system. The decrease of CAH mass at the MW-6 nest appears to be consistent with the initiation of RW-3 pumping.

- MW-7S/D/DD nest – the CAH mass in MW-7S and MW-7DD has consistently been very low (*i.e.* 0.001 $\mu\text{mols/l}$). The CAH mass at this well nest has been dominated by MW-7D which showed about an order of magnitude decline in CAH mass since the initiation of pumping in 2003. Because of the dominance of MW-7D, the combined CAH mass in this well nest also showed about an order of magnitude concentration decline since the initiation of pumping in 2003. CAH mass remained low during the trial pumping shutdown test between November 2010 and April 2013. CAH mass continued to remain low through 2020.
- MW-8S/D/DD nest – CAH mass in MW-8S and MW-8DD declined following the initiation of pumping in 2003. CAH mass slightly increased in MW-8S following the trial shut-down of pumping between November 2010 and April 2013 but has shown a decline since the initiation of pumping at RW-3. CAH mass in MW-8D does not appear to have changed since the initiation of pumping in 2003; however, the data has become less variable and shows a decreased trend since 2014. These data suggest that RW-3 is effectively minimizing contaminant migration toward the MW-8 well nest.
- MW-10S/D nest – There has been no detectable CAH mass in MW-10D since the initiation of pumping during 2003. CAH mass in MW-10S was on the order of 0.03 $\mu\text{mols/l}$ before pumping in 2003. Subsequent to the initiation of pumping of RW-3, CAH mass has fluctuated widely from quarter to quarter but a general overall increasing trend in CAH mass in MW-10S has been observed. Temporal variability in the contaminant mass distribution are not unexpected given the heterogenous nature of the fractured bedrock system.

3.2.2 Geochemical and dissolved gas data trends

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

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

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

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

3.3 Conclusion

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

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

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

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

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

Groundwater from wells MW-6S/D/DD and MW-8S/D/DD has been collected during 26 sampling events (between September 2014 and December 2020) after the installation and start-up of RW-3 in 2014. Analytical data results from these 26 events indicate that the presence of CAH mass at the MW-6S/D/DD and MW-8S/D/DD well nest has, in general, decreased. However, CAH mass trend at well MW-6S was more variable since 2014 and showed a slight increase during June 2014, March 2016, March 2018, and March 2019. CAH mass increased to its highest during March 2020 but during the next three quarters decreased to much lower historical values. CAH mass at MW-6D and MW-8D continue to remain at, or near, their lowest levels recorded.

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*.

TABLES

Table 2
Ground Water Elevations
2020 Annual Report - Forest Glen Superfund Site
Niagara Falls, New York

Well I.D.	Top of Casing Elevation (ft MSL)	Screened Interval Elevation (ft MSL)	8/1/1997		2/14/2000		7/13/2001		8/13/2001		11/26/2001		2/25/2002		5/13/2002		7/28/2003		2/6/2004		5/17/2004	
			DTW	GWE	DTW	GWE	DTW	GWE	DTW	GWE	DTW	GWE	DTW	GWE	DTW	GWE	DTW	GWE	DTW	GWE	DTW	GWE
MW-1S	598.15	568.5 - 578.5	18.94	579.21	16.67	581.48	16.21	581.94	18.77	579.38	16.86	581.29	12.45	585.70	12.82	585.33	18.71	579.44	19.23	578.92	16.61	581.54
MW-1D	598.05	546.7 - 567.5	18.96	579.09	16.32	581.73	16.17	581.88	18.74	579.31	16.79	581.26	12.52	585.53	12.95	585.10	18.78	579.27	19.03	579.02	16.44	581.61
MW-2S	596.95	567.1 - 577.1	18.01	578.94	13.47	583.48	15.78	581.17	17.63	579.32	13.58	583.37	10.85	586.10	10.94	586.01						
	607.04																30.63	576.41				
	600.11																		24.85	575.26	21.85	578.26
MW-2D	596.98	535.4 - 559.8	18.41	578.57	15.25	581.73	15.99	580.99	17.76	579.22	15.41	581.57	11.87	585.11	12.50	584.48						
	607.02																30.75	576.27				
	600.21																		24.46	575.75	22.12	578.09
MW-3S	597.43	567.3 - 577.3	18.53	578.90	13.53	583.90	16.20	581.23	18.00	579.43	13.62	583.81	7.11	590.32	11.10	586.33	ABND	ABND	ABND	ABND	ABND	ABND
MW-3D	597.10	545.1 - 564.1	18.27	578.83	14.22	582.88	15.89	581.21	17.67	579.43	14.41	582.69	11.20	585.90	11.55	585.55	ABND	ABND	ABND	ABND	ABND	ABND
MW-4S	595.34	573.6 - 583.6	15.86	579.48	12.05	583.29	13.76	581.58	15.55	579.79	12.97	582.37	9.16	586.18	8.94	586.40						
	596.23																19.66	576.57				
	593.96																		18.05	575.91	15.35	578.61
MW-4D	595.44	534.1 - 563.4	16.90	578.54	13.50	581.94	14.40	581.04	16.24	579.20	13.85	581.59	10.23	585.21	10.94	584.50						
	596.22																20.73	575.49				
	594.11																		19.48	574.63	16.93	577.18
MW-5S	594.25	566.2 - 576.2	15.60	578.65	12.01	582.24	13.25	581.00	14.99	579.26	12.14	582.11	8.77	585.48	9.40	584.85						
	596.52																21.14	575.38				
	592.85																		18.60	574.25	16.21	576.64
MW-5D	594.34	542.7 - 565.4	15.83	578.51	12.46	581.88	13.48	580.86	15.19	579.15	12.80	581.54	9.15	585.19	9.85	584.49						
	596.68																21.32	575.36				
	593.68																		19.29	574.39	16.82	576.86
MW-6S	597.11	568.2 - 578.2	18.04	579.07	11.56	585.55	15.72	581.39	17.57	579.54	11.23	585.88	10.08	587.03	9.35	587.76	20.19	576.92	21.35	575.76	17.69	579.42
MW-6D	596.73	540.3 - 567.8	18.17	578.56	14.81	581.92	15.84	580.89	17.55	579.18	15.11	581.62	11.55	585.18	12.23	584.50	21.27	575.46	22.19	574.54	19.93	576.80
MW-6DD	596.02		NI	NI		NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	23.10		24.22	571.80	23.55	572.47
MW-7S	596.28	566.3 - 576.3	12.10	584.18	11.45	584.83	12.15	584.13	13.43	582.85	8.97	587.31	7.36	588.92	7.09	589.19	19.35	576.93	19.93	576.35	17.19	579.09
MW-7D	596.28	543.2 - 563.2	17.89	578.39	15.42	580.86	15.52	580.76	17.18	579.10	14.95	581.33	11.31	584.97	12.10	584.18	20.62	575.66	21.56	574.72	19.28	577.00
MW-7DD			NI	NI		NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	21.69		22.48		20.80	
MW-8S	596.67	564.4 - 574.4	15.68	580.99	13.70	582.97	14.47	582.20	15.85	580.82	13.11	583.56	11.15	585.52	11.43	585.24	18.10	578.57	16.20	580.47	14.40	582.27
MW-8D	596.86	542.8 - 561.9	19.82	577.04	16.93	579.93	17.06	579.80	18.98	577.88	17.11	579.75	13.40	583.46	14.31	582.55	21.10	575.76	21.82	575.04	19.80	577.06
MW-8DD			NI	NI		NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	21.40		22.85		21.72	
MW-9S	595.22	568.2 - 578.2	16.06	579.16	11.51	583.71	13.65	581.57	15.54	579.68	11.85	583.37	8.87	586.35	9.15	586.07						
	605.28																28.43	576.85				
	600.98																		25.65	575.33	22.18	578.80
MW-9D	595.31	538.5 - 567.5	16.52	578.79	13.22	582.09	14.16	581.15	15.91	579.40	13.57	581.74	9.91	585.40	10.68	584.63						
	605.35																					
	600.77																		25.20	575.57	22.74	578.03
MW-10S	595.52	563.7 - 573.7	17.97	577.55	14.70	580.82	15.18	580.34	17.01	578.51	14.91	580.61	11.35	584.17	11.86	583.66	18.88	576.64	19.02	576.50	16.81	578.71
MW-10D	594.96	543.4 - 563.4	17.44	577.52	14.53	580.43	14.78	580.18	16.63	578.33	14.64	580.32	11.20	583.76	11.48	583.48	18.07	576.89	18.29	576.67	16.22	578.74
MW-11S	600.54	585.3 - 595.3	15.13	585.41	18.87	581.67	13.65	586.89	15.37	585.17	14.19	586.35	10.02	590.52	10.93	589.61	16.45	584.09	16.20	584.34	14.24	586.30
MW-11D	600.20	549.2 - 559.2	12.48	587.72	10.32	589.88	10.95	589.25	12.69	587.51	11.30	588.90	7.76	592.44	8.71	591.49	12.85	587.35	12.18	588.02	10.60	589.60
MW-12S	600.24	582.1 - 592.1	17.92	582.32	14.71	585.53	15.56	584.68	17.33	582.91	16.39	583.85	12.78	587.46	12.80	587.44	19.15	581.09	19.50	580.74	17.38	582.86
MW-12D	600.36	546.7 - 565.7	18.07	582.29	14.58	585.78	15.81	584.55	17.47	582.89	16.52	583.84	11.86	588.50	12.85	587.51	19.51	580.85	19.75	580.61	17.50	582.86
MW-13S	597.75	566.8 - 576.8	15.89	581.86	13.09	584.66	13.85	583.90	15.48	582.27	14.51	583.24	9.81	587.94	10.78	586.97	17.49	580.26	18.05	579.70	15.87	581.88
MW-13D	597.87	545.6 - 565.1	16.10	581.77	13.46	584.41	14.29	583.58	15.90	581.97	15.03	582.84	10.26	587.61	11.23	586.64	18.09	579.78	18.56	579.31	16.56	581.31
MW-14S	597.18	565.1 - 575.1	18.60	578.58	15.00	582.18	16.05	581.13	17.77	579.41	15.52	581.66	11.70	585.48	12.57	584.61	21.15	576.03	21.75	575.43	19.32	577.86
MW-14D	596.38	544.7 - 564.7	17.86	578.52	14.58	581.80	15.54	580.84	17.28	579.10	14.81	581.57	11.29	585.09	11.91	584.47	20.61	575.77	21.74	574.64	19.56	576.82
MW-15S	599.70	566.4 - 576.4	17.04	582.66	14.03	585.67	14.80	584.90	16.48	583.22	15.30	584.40	10.85	588.85	11.83	587.87	18.27	581.43	18.51	581.19	16.43	583.27
MW-15D	598.37	547.0 - 563.0	16.02	582.35	13.20	585.17	13.97	584.40	15.64	582.73	14.38	583.99	9.97	588.40	10.84	587.53	17.67	580.70	17.93	580.44	15.94	582.43
RW-1	593.60	526.5 - 574.5	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	18.38	575.22				
	593.67																		38.70	554.97	NM	NM
	593.87																					
RW-2	591.79	523.8 - 570.8	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NM	NM				
	591.80																		40.30	551.50	NM	NM
	592.43																					
RW-3	595.65		NI	NI	NI																	

Table 2
Ground Water Elevations
2020 Annual Report - Forest Glen Superfund Site
Niagara Falls, New York

Well I.D.	Top of Casing Elevation (ft MSL)	Screened Interval Elevation (ft MSL)	3/16/2015		5/7/2015		6/23/2015		9/21/2015		1/11/2016		3/28/2016		6/20/2016		9/19/2016		12/19/2016		4/10/2017	
			DTW	GWE	DTW	GWE	DTW	GWE	DTW	GWE	DTW	GWE	DTW	GWE	DTW	GWE	DTW	GWE	DTW	GWE	DTW	GWE
MW-1S	598.15	568.5 - 578.5	14.92	583.23	18.69	579.46	18.07	580.08	19.6	578.55	18.34	579.81	14.1	584.05	21.07	577.08	21.06	577.09	21.63	576.52	10.96	587.19
MW-1D	598.05	546.7 - 567.5	14.52	583.53	18.77	579.28	18.08	579.97	19.63	578.42	17.97	580.08	13.95	584.10	20.9	577.15	20.93	577.12	21.34	576.71	10.7	587.35
MW-2S	596.95	567.1 - 577.1																				
	607.04																					
	600.11		22.68	577.43	25.2	574.91	25.07	575.04	26.02	574.09	25.08	575.03	21.46	578.65	26.19	573.92	26.74	573.37	26.43	573.68	17.3	582.81
MW-2D	596.98	535.4 - 559.8																				
	607.02																					
	600.21		18.4	581.81	23.38	576.83	22.75	577.46	24.42	575.79	22.34	577.87	18.1	582.11	25.15	575.06	24.9	575.31	25.45	574.76	14.68	585.53
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		17.02	576.94	17.3	576.66	17.82	576.14	19.58	574.38	19.02	574.94	14.22	579.74	19.05	574.91	20.02	573.94	20.18	573.78	10.84	583.12
MW-4D	595.44	534.1 - 563.4																				
	596.22																					
	594.11		16.14	577.97	20.31	573.80	20.27	573.84	21.58	572.53	20.15	573.96	15.78	578.33	22.35	571.76	22.38	571.73	23.25	570.86	12.13	581.98
MW-5S	594.25	566.2 - 576.2																				
	596.52																					
	592.85		15.6	577.25	19.51	573.34	19.55	573.30	20.9	571.95	19.42	573.43	15.05	577.80	21.56	571.29	21.75	571.10	21.35	571.50	11.11	581.74
MW-5D	594.34	542.7 - 565.4																				
	596.68																					
	593.68		16.1	577.58	20.25	573.43	20.26	573.42	21.58	572.10	20.15	573.53	15.8	577.88	22.32	571.36	22.3	571.38	23.27	570.41	12.05	581.63
MW-6S	597.11	568.2 - 578.2	20.98	576.13	21.97	575.14	22.52	574.59	23.72	573.39	22.2	574.91	21	576.11	23.42	573.69	24	573.11	23.86	573.25	16.85	580.26
MW-6D	596.73	540.3 - 567.8	19.6	577.13	23.84	572.89	23.98	572.75	25.1	571.63	23.62	573.11	19.46	577.27	25.92	570.81	25.78	570.95	26.76	569.97	15.8	580.93
MW-6DD	596.02		20.86	575.16	25.4	570.62	25.68	570.34	26.5	569.52	24.88	571.14	21.92	574.10	27.63	568.39	27.46	568.56	28.84	567.18	19.12	576.90
MW-7S	596.28	566.3 - 576.3	10.92	585.36	19.13	577.15	19.45	576.83	19.86	576.42	17.1	579.18	9.91	586.37	19.6	576.68	19.22	577.06	19.12	577.16	10.41	585.87
MW-7D	596.28	543.2 - 563.2	18.12	578.16	22.45	573.83	22.47	573.81	23.66	572.62	22.35	573.93	18.11	578.17	24.32	571.96	24.42	571.86	25.5	570.78	14.33	581.95
MW-7DD							22.9		23.7		22.24		17.85		23.84	-23.84	23.9					
MW-8S	596.67	564.4 - 574.4	15.34	581.33	19.65	577.02	19.43	577.24	19.75	576.92	16.6	580.07	14.52	582.15	20.42	576.25	19.34	577.33	20.35	576.32	12.79	583.88
MW-8D	596.86	542.8 - 561.9	18.92	577.94	23.06	573.80	22.87	573.99	24.03	572.83	23.02	573.84	18.76	578.10	24.78	572.08	25.04	571.82	25.92	570.94	15.31	581.55
MW-8DD							25.6								27.38		27.5					
MW-9S	595.22	568.2 - 578.2																				
	605.28																					
	600.98		20.4	580.58	24.25	576.73	24.7	576.28	26.65	574.33	24.52	576.46	21.35	579.63	26.6	574.38	26.98	574.00	27.25	573.73	17.45	583.53
MW-9D	595.31	538.5 - 567.5																				
	605.35																					
	600.77		NM	NM	25.32	575.45	25.21	575.56	26.7	574.07	25.32	575.45	20.92	579.85	27.35	573.42	27.44	573.33	28.16	572.61	17.46	583.31
MW-10S	595.52	563.7 - 573.7	16.7	578.82	20.41	575.11	20.21	575.31	21.37	574.15	19.04	576.48	16.36	579.16	21.4	574.12	21.95	573.57	22.16	573.36	11.68	583.84
MW-10D	594.96	543.4 - 563.4	14.66	580.30	19.42	575.54	18.88	576.08	20.38	574.58	18.42	576.54	14.45	580.51	21.11	573.85	21.08	573.88	21.74	573.22	11.36	583.60
MW-11S	600.54	585.3 - 595.3	13.35	587.19	16.05	584.49	15.95	584.59	17.45	583.09	16.45	584.09	12.74	587.80	17.86	582.68	18.5	582.04	18.76	581.78	9.85	590.69
MW-11D	600.20	549.2 - 559.2	9.36	590.84	12.14	588.06	12.04	588.16	13.64	586.56	12.13	588.07	9.21	590.99	13.9	586.30	14.3	585.90	14.52	585.68	6.89	593.31
MW-12S	600.24	582.1 - 592.1	16.85	583.39	19.66	580.58	19.47	580.77	20.89	579.35	20.25	579.99	16.03	584.21	21.54	578.70	22.24	578.00	22.73	577.51	12.69	587.55
MW-12D	600.36	546.7 - 565.7	17.05	583.31	19.9	580.46	19.73	580.63	21.1	579.26	20.53	579.83	16.3	584.06	21.72	578.64	22.36	578.00	22.97	577.39	12.96	587.40
MW-13S	597.75	566.8 - 576.8	15.6	582.15	18.33	579.42	18.11	579.64	19.63	578.12	19.09	578.66	14.64	583.11	20.26	577.49	21.1	576.65	21.79	575.96	11.2	586.55
MW-13D	597.87	545.6 - 565.1	16.05	581.82	19	578.87	18.69	579.18	20.02	577.85	19.75	578.12	15.28	582.59	28.8	569.07	21.69	576.18	22.26	575.61	11.73	586.14
MW-14S	597.18	565.1 - 575.1	19.18	578.00	23.23	573.95	23.32	573.86	24.7	572.48	23.35	573.83	18.98	578.20	25.14	572.04	25.4	571.78	26.55	570.63	15.17	582.01
MW-14D	596.38	544.7 - 564.7	18.46	577.92	22.64	573.74	22.7	573.68	23.98	572.40	22.65	573.73	18.33	578.05	24.58	571.80	24.88	571.50	25.8	570.58	14.57	581.81
MW-15S	599.70	566.4 - 576.4	15.84	583.86	18.67	581.03	18.55	581.15	19.99	579.71	19.2	580.50	15.04	584.66	20.5	579.20	21.26	578.44	21.69	578.01	11.83	587.87
MW-15D	598.37	547.0 - 563.0	15.16	583.21	18.2	580.17	18.08	580.29	19.49	578.88	18.71	579.66	14.54	583.83	20.05	578.32	20.06	578.31	21.26	577.11	11.34	587.03
RW-1	593.60	526.5 - 574.5																				
	593.67		16.42	577.25	20.65	573.02	27.3	566.37	20.05	573.62	20.55	573.12	15.85	577.82	22.4	571.27	22.4	571.27	23.68	569.99	11.95	581.72
	593.87																					
RW-2	591.79	523.8 - 570.8																				
	591.80		14.7	577.10	18.88	572.92	18.69	573.11	22.06	569.74	18.8	573.00	14.5	577.30	20.97	570.83	20.65	571.15	21.8	570.00	10.52	581.28
	592.43																					
RW-3	595.65		20.32	575.33	23.39	572.26	25.2	570.45	26.4	569.25												

Table 2
Ground Water Elevations
2020 Annual Report - Forest Glen Superfund Site
Niagara Falls, New York

Well I.D.	Top of Casing Elevation (ft MSL)	Screened Interval Elevation (ft MSL)	6/26/2017		9/11/2017		12/19/2017		3/13/2018		6/18/2018		9/17/2018		11/27/2018		3/18/2019		6/19/2019		9/23/2019	
			DTW	GWE	DTW	GWE	DTW	GWE	DTW	GWE	DTW	GWE	DTW	GWE	DTW	GWE	DTW	GWE	DTW	GWE	DTW	GWE
MW-1S	598.15	568.5 - 578.5	18.94	579.21	19.51	578.64	19.8	578.35	15.98	582.17	20.76	577.39	21.18	576.97	19.05	579.10	15.35	582.80	15.5	582.65	19.18	578.97
MW-1D	598.05	546.7 - 567.5	18.6	579.45	19.32	578.73	19.75	578.30	16.02	582.03	20.61	577.44	21.1	576.95	18.85	579.20	15.24	582.81	15.54	582.51	19.02	579.03
MW-2S	596.95	567.1 - 577.1																				
	607.04																					
	600.11		25.83	574.28	26	574.11	25.72	574.39	22.63	577.48	26.21	573.90	26.3	573.81	25.85	574.26	21.4	578.71	22.8	577.31	25.85	574.26
MW-2D	596.98	535.4 - 559.8																				
	607.02																					
	600.21		23.03	577.18	24.22	575.99	24.25	575.96	20.1	580.11	24.99	575.22	25.34	574.87	22	578.21	19.12	581.09	19.84	580.37	23.5	576.71
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		18.74	575.22	18.96	575.00	18.6	575.36	15.2	578.76	18.9	575.06	20.25	573.71	18.62	575.34	15.04	578.92	15.46	578.50	18.85	575.11
MW-4D	595.44	534.1 - 563.4																				
	596.22																					
	594.11		20.74	573.37	21.43	572.68	22	572.11	17.53	576.58	22.58	571.53	23.2	570.91	20.2	573.91	15.93	578.18	17.3	576.81	21.84	572.27
MW-5S	594.25	566.2 - 576.2																				
	596.52																					
	592.85		20.23	572.62	20.82	572.03	21.24	571.61	16.78	576.07	21.78	571.07	22.18	570.67	19.62	573.23	15.12	577.73	16.51	576.34	20.25	572.60
MW-5D	594.34	542.7 - 565.4																				
	596.68																					
	593.68		20.75	572.93	21.44	572.24	22.06	571.62	17.62	576.06	22.66	571.02	23.32	570.36	20.3	573.38	15.92	577.76	17.35	576.33	21.82	571.86
MW-6S	597.11	568.2 - 578.2	23.35	573.76	23.24	573.87	23.93	573.18	21.48	575.63	23.23	573.88	24.08	573.03	22.63	574.48	20.6	576.51	21.45	575.66	22.8	574.31
MW-6D	596.73	540.3 - 567.8	24.65	572.08	25.12	571.61	26.6	570.13	21.54	575.19	26.14	570.59	26.76	569.97	23.9	572.83	19.68	577.05	21.16	575.57	25.38	571.35
MW-6DD	596.02		28.11	567.91	27.4	568.62	29.34	566.68	25.83	570.19	28.36	567.66		596.02	26.68	569.34	23.7	572.32	25.78	570.24	27.98	568.04
MW-7S	596.28	566.3 - 576.3	17.42	578.86	18.88	577.40	16.73	579.55	13.47	582.81	20.94	575.34	20.17	576.11	14.3	581.98	17.91	578.37	15.85	580.43	19.46	576.82
MW-7D	596.28	543.2 - 563.2	22.58	573.70	23.48	572.80	23.9	572.38	19.67	576.61	24.85	571.43	25.33	570.95	21.99	574.29	12.52	583.76	19.24	577.04	23.74	572.54
MW-7DD																						23.39
MW-8S	596.67	564.4 - 574.4	17.82	578.85	18.71	577.96	18.16	578.51	15.66	581.01	20.25	576.42	20.14	576.53	17.14	579.53	14.71	581.96	16.54	580.13	19.05	577.62
MW-8D	596.86	542.8 - 561.9	23.53	573.33	24.16	572.70	24.57	572.29	20.59	576.27	25.13	571.73	25.7	571.16	23.38	573.48	18.84	578.02	20.12	576.74	24.28	572.58
MW-8DD															28.38							27.84
MW-9S	595.22	568.2 - 578.2																				
	605.28																					
	600.98		25.09	575.89	24.85	576.13	24.55	576.43	22.67	578.31	24.7	576.28	26.4	574.58	24.18	576.80	21.42	579.56	22.42	578.56	25.12	575.86
MW-9D	595.31	538.5 - 567.5																				
	605.35																					
	600.77		25.81	574.96	26.49	574.28	24.3	576.47	22.59	578.18	27.44	573.33	28	572.77	20.98	579.79	21.13	579.64	22.26	578.51	26.52	574.25
MW-10S	595.52	563.7 - 573.7	20.58	574.94	20.82	574.70	20.2	575.32	18.18	577.34	21.46	574.06	22.25	573.27	19.32	576.20	16.66	578.86	17.98	577.54	20.86	574.66
MW-10D	594.96	543.4 - 563.4	19.47	575.49	20.02	574.94	19.72	575.24	16.98	577.98	21.32	573.64	21.8	573.16	18.76	576.20	15.34	579.62	16.38	578.58	20.25	574.71
MW-11S	600.54	585.3 - 595.3	16.83	583.71	17.28	583.26	16.94	583.60	13.38	587.16	17.85	582.69	18.66	581.88	16.49	584.05	13.28	587.26	13.42	587.12	16.29	584.25
MW-11D	600.20	549.2 - 559.2	12.7	587.50	13.3	586.90	12.42	587.78	9.81	590.39	14.81	585.39	14.7	585.50	12.28	587.92	9.82	590.38	9.94	590.26	12.76	587.44
MW-12S	600.24	582.1 - 592.1	20.72	579.52	21.11	579.13	21	579.24	16.89	583.35	21.6	578.64	22.35	577.89	20.3	579.94	16.57	583.67	16.75	583.49	20.55	579.69
MW-12D	600.36	546.7 - 565.7	21	579.36	21.38	578.98	21.24	579.12	17.2	583.16	21.85	578.51	22.7	577.66	20.48	579.88	16.71	583.65	16.98	583.38	20.7	579.66
MW-13S	597.75	566.8 - 576.8	19.68	578.07	19.97	577.78	19.81	577.94	15.55	582.20	20.39	577.36	21.48	576.27	19.1	578.65	15.01	582.74	15.28	582.47	19.45	578.30
MW-13D	597.87	545.6 - 565.1	20.35	577.52	20.56	577.31	20.58	577.29	16.25	581.62	21.12	576.75	21.7	576.17	20	577.87	15.72	582.15	15.92	581.95	19.81	578.06
MW-14S	597.18	565.1 - 575.1	23.64	573.54	24.4	572.78	24.87	572.31	20.36	576.82	25.42	571.76	26.19	570.99	23.15	574.03	18.78	578.40	20.15	577.03	24.57	572.61
MW-14D	596.38	544.7 - 564.7	23.08	573.30	23.95	572.43	24.4	571.98	19.93	576.45	25	571.38	25.58	570.80	23.49	572.89	18.24	578.14	19.54	576.84	24.1	572.28
MW-15S	599.70	566.4 - 576.4	19.65	580.05	20.08	579.62	19.95	579.75	15.88	583.82	20.66	579.04	21.47	578.23	19.32	580.38	15.52	584.18	15.84	583.86	19.52	580.18
MW-15D	598.37	547.0 - 563.0	19.16	579.21	19.67	578.70	19.51	578.86	15.44	582.93	20.25	578.12	20.94	577.43	19.01	579.36	14.9	583.47	15.32	583.05	19.31	579.06
RW-1	593.60	526.5 - 574.5																				
	593.67		20.96	572.71	21.48	572.19	22.7	570.97														
	593.87								17.63	576.24	23.04	570.83	23.5	570.37	21.24	572.63	15.95	577.92	17.29	576.58	22.8	571.07
RW-2	591.79	523.8 - 570.8																				
	591.80		19.71	572.09	20.2	571.60	20.56	571.24														
	592.43								16.44	575.99	21.3	571.13	21.95	570.48	19.02	573.41	14.7	577.73	16.14	576.29	20.75	571.68
RW-3	595.65		27.3	568.37	21.68	573.97	21.9	573.75	21.7	573.95	21.9	573.75	26.55	569.10								

Table 2
Ground Water Elevations
2020 Annual Report - Forest Glen Superfund Site
Niagara Falls, New York

Well I.D.	Top of Casing Elevation (ft MSL)	Screened Interval Elevation (ft MSL)	12/17/2019		3/16/2020		6/15/2020		9/21/2020		12/4/2020	
			DTW	GWE	DTW	GWE	DTW	GWE	DTW	GWE	DTW	GWE
MW-1S	598.15	568.5 - 578.5	13.44	584.71	14.5	583.65	17.89	580.26	21.2	576.95	19.48	578.67
MW-1D	598.05	546.7 - 567.5	13.22	584.83	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		20.28	579.83	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		16.8	583.41	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		13.95	580.01	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		14.85	579.26	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		14.14	578.71	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		14.82	578.86	16.78	576.90	20.35	573.33	24.64	569.04	22.16	571.52
MW-6S	597.11	568.2 - 578.2	19.52	577.59	21.15	575.96	21.8	575.31	24.8	572.31	23.1	574.01
MW-6D	596.73	540.3 - 567.8	18.44	578.29	20.6	576.13	24	572.73	27.98	568.75	25.52	571.21
MW-6DD	596.02		22.04	573.98	25.18		27.36	568.66	29.62	566.40	28.45	567.57
MW-7S	596.28	566.3 - 576.3	11.92	584.36	13.92	582.36	19.55	576.73	25.08	571.20	19.12	577.16
MW-7D	596.28	543.2 - 563.2	17.2	579.08	18.6	577.68	22.38	573.90	26.59	569.69	23.94	572.34
MW-7DD			52.38		52.03							
MW-8S	596.67	564.4 - 574.4	13.73	582.94	15.01	581.66	18.78	577.89	20.56	576.11	18.12	578.55
MW-8D	596.86	542.8 - 561.9	17.92	578.94	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		20.16	580.82	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		17.8	582.97	21.65	579.12	25.14	575.63	29.42	571.35	26.82	573.95
MW-10S	595.52	563.7 - 573.7	14.65	580.87	17.24	578.28	19.95	575.57	23.09	572.43	21.05	574.47
MW-10D	594.96	543.4 - 563.4	13.54	581.42	15.58	579.38	19.22	575.74	22.85	572.11	20.34	574.62
MW-11S	600.54	585.3 - 595.3	11.95	588.59	12.65	587.89	15.81	584.73	20.08	580.46	17.54	583.00
MW-11D	600.20	549.2 - 559.2	8.36	591.84	9.06	591.14	11.86	588.34	15.58	584.62	13.43	586.77
MW-12S	600.24	582.1 - 592.1	15.35	584.89	16.11	584.13	19.55	580.69	23.8	576.44	21.43	578.81
MW-12D	600.36	546.7 - 565.7	15.46	584.90	16.29	584.07	19.72	580.64	24.04	576.32	21.6	578.76
MW-13S	597.75	566.8 - 576.8	13.8	583.95	14.51	583.24	18.1	579.65	22.76	574.99	20.44	577.31
MW-13D	597.87	545.6 - 565.1	14.53	583.34	15.26	582.61	18.89	578.98	23.35	574.52	20.78	577.09
MW-14S	597.18	565.1 - 575.1	17.5	579.68	19.29	577.89	23.12	574.06	27.5	569.68	25.08	572.10
MW-14D	596.38	544.7 - 564.7	17.14	579.24	18.54	577.84	22.66	573.72	26.98	569.40	24.48	571.90
MW-15S	599.70	566.4 - 576.4	14.9	584.80	15.05	584.65	18.51	581.19	22.7	577.00	20.33	579.37
MW-15D	598.37	547.0 - 563.0	14.22	584.15	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		14.98	578.89	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		13.8	578.63	15.76	576.67	19.25	573.18	23.44	568.99	20.6	571.83
RW-3	595.65		20.9	574.75	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 3
2018-2020 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	MW-1D - 11/27/2018 MW1D 112718 ug/l	MW-1D - 3/18/2019 MW1D 031819 ug/l	MW-1D - 6/20/2019 MW1D 062019 ug/l	MW-1D - 9/25/2019 MW1D 09252019 ug/l	MW-1D - 12/18/2019 MW1D 12182019 ug/l	MW-01D - 3/17/2020 MW 1D 031720 ug/l	MW-01D - 6/16/2020 MW 1D 061620 ug/l	MW-01D - 6/16/2020 X-1 061620 ug/l	MW-01D - 9/22/2020 MW 1D 092220 ug/l	MW-01D - 12/15/2020 MW 1D 121520 ug/l
1,1,1-Trichloroethane	5		1 U	1 U	1 U	1 U	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 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 U	1 U	1 U	1 U
1,1-Dichloroethane	5		1 U	1 U	1 U	1 U	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 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 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	1 U	1 U	1 U	1 U
2-Hexanone	50		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
Acetone	50		10 U	10 U	10 U	10 U	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	1 U	1 U	1 U	1 U
Bromodichloromethane	50		1 U	1 U	1 U	1 U	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	1 U	1 U	1 U	1 U
Bromomethane	5		1 U	1 U	1 U	1 U	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	1 U	1 U	1 U	1 U
Carbon tetrachloride	5		1 U	1 U	1 U	1 U	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	1 U	1 U	1 U	1 U
Chloroethane	5		1 U	1 U	1 U	1 U	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	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	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	1 U	1 U	1 U	1 U
Dibromochloromethane	50		1 U	1 U	1 U	1 U	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	1 U	1 U	1 U	1 U
Methyl chloride	5		1 U	1 U	1 U	0.47 J	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
Methylene chloride	5		1 U	1 U	1 U	1 U	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	1 U	1 U	1 U	1 U
Tetrachloroethene	5		1 U	1 U	1 U*	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Toluene	5		1 U	1 U	1 U	0.79 J	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	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	1 U	1 U	1 U	1 U
Trichloroethene	5		1 U	1 U	1 U	1 U	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	1 U	1 U	1 U	1 U
Xylenes, Total	5		2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U

NOTES:
 U - not detected, J - estimated, B - compound found in the blank and sample, D - Diluted Result, H - Holding time exceeded
 R - unusable, NS - no standard, X-1 - duplicate sample, * - LCS or LCSD exceeds control limits, '---' 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 3
2018-2020 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	MW-1S - 11/27/2018 MW-1S-112718 ug/l	MW-1S - 3/18/2019 MW-1S-031819 ug/l	MW-1S - 6/20/2109 MW-1S-062019 ug/l	MW-1S - 9/24/2019 MW-1S-092419 ug/l	MW-1S - 12/18/2019 MW-1S-121819 ug/l	MW-01S - 3/17/2020 MW 1S 031720 ug/l	MW-01S -- 6/16/2020 MW1S 061620 µg/L	MW-01S -- 9/22/2020 MW1S 092220 µg/L	MW-01S -- 12/15/2020 MW1S 121520 µg/L
1,1,1-Trichloroethane	5		2 U	2 U	1 U	2 U	1 U	1.0 U	1 U	1 U	1 U
1,1,1,2-Tetrachloroethane	5		2 U	2 U	1 U	2 U	1 U	1.0 U	1 U	1 U	1 U
1,1,2-Trichloroethane	1		2 U	2 U	1 U	2 U	1 U	1.0 U	1 U	1 U	1 U
1,1-Dichloroethane	5		2 U	2 U	1 U	2 U	1 U	1.0 U	1 U	1 U	1 U
1,1-Dichloroethene	5		2 U	2 U	1 U	2 U	1 U	1.0 U	1 U	1 U	1 U
1,2-Dichloroethane	0.6		2 U	2 U	1 U	2 U	1 U	1.0 U	1 U	1 U	1 U
1,2-Dichloroethene (Total)	5		---	---	---	---	---	---	---	---	---
1,2-Dichloropropane	1		2 U	2 U	1 U	2 U	1 U	1.0 U	1 U	1 U	1 U
2-Hexanone	50		10 U *	10 U	5 U	10 U	5 U	5.0 U	5 U	5 U	5 U
4-Methyl-2-pentanone	NS		10 U	10 U	5 U	10 U	5 U	5.0 U	5 U	5 U	5 U
Acetone	50		20 U	20 U	10 U	20 U	10 U	10 U	10 U	10 U	10 U
Benzene	1		2 U	2 U	1 U	2 U	1 U	1.0 U	1 U	1 U	1 U
Bromodichloromethane	50		2 U	2 U	1 U	2 U	1 U	1.0 U	1 U	1 U	1 U
Bromoform	50		2 U	2 U	1 U	2 U	1 U	1.0 U	1 U	1 U	1 U
Bromomethane	5		2 U	2 U	1 U	2 U	1 U	1.0 U	1 U	1 U	1 U
Carbon disulfide	60		2 U	2 U	1 U	2 U	1 U	1.0 U	1 U	1 U	1 U
Carbon tetrachloride	5		2 U	2 U	1 U	2 U	1 U	1.0 U	1 U	1 U	1 U
Chlorobenzene	5		2 U	2 U	1 U	2 U	1 U	1.0 U	1 U	1 U	1 U
Chloroethane	5		2 U	2 U	1 U	2 U	1 U	1.0 U	1 U	1 U	1 U
Chloroform	7		2 U	2 U	1 U	2 U	1 U	1.0 U	1 U	1 U	1 U
cis-1,2-Dichloroethene	5		2 U	2 U	1 U	2 U	1 U	1.0 U	1 U	1 U	1 U
cis-1,3-Dichloropropene	0.4		2 U *	2 U	1 U	2 U	1 U	1.0 U	1 U	1 U	1 U
Dibromochloromethane	50		2 U	2 U	1 U	2 U	1 U	1.0 U	1 U	1 U	1 U
Ethylbenzene	5		2 U	2 U	1 U	2 U	1 U	1.0 U	1 U	1 U	1 U
Methyl chloride	5		2 U	2 U	1 U	2 U	1 U	1.0 U	1 U	1 U	1 U
Methyl ethyl ketone	50		20 U	20 U	10 U	20 U	10 U	10 U	10 U	10 U	10 U
Methylene chloride	5		0.94 J	2 U	1 U	2 U	1 U	1.0 U	1 U	1 U	1 U
Styrene	5		2 U	2 U	1 U	2 U	1 U	1.0 U	1 U	1 U	1 U
Tetrachloroethene	5		2 U	2 U	1 U	2 U	1 U	1.0 U	1 U	1 U	1 U
Toluene	5		2 U	2 U	1 U	2 U	1 U	1.0 U	1 U	1 U	1 U
trans-1,2-Dichloroethene	5		2 U	2 U	1 U	2 U	1 U	1.0 U	1 U	1 U	1 U
trans-1,3-Dichloropropene	0.4		2 U *	2 U	1 U	2 U	1 U	1.0 U	1 U	1 U	1 U
Trichloroethene	5		2 U	2 U	1 U	2 U	1 U	1.0 U	1 U	1 U	1 U
Vinyl chloride	2		2 U	2 U	1 U	2 U	1 U	1.0 U	1 U	1 U	1 U
Xylenes, Total	5		4 U	4 U	2 U	4 U	2 U	2.0 U	2 U	2 U	2 U

NOTES:
 U - not detected, J - estimated, B - compound found in the blank and sample, D - Diluted Result, H - Holding time exceeded
 R - unusable, NS - no standard, X-1 - duplicate sample, * - LCS or LCSD exceeds control limits, '--- 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 3
2018-2020 Groundwater Data - VOCs
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA	Location ID	MW-4D	MW-4D	MW-4D	MW-4D	MW-4D	MW-4D	MW-04D	MW-04D	MW-04D	MW-04D
		Depth Interval	-	-	-	-	-	-	-	--	--	--
		Sample Date	9/19/2018	11/29/2018	3/20/2019	6/21/2109	9/25/2019	12/18/2019	3/19/2020	6/17/2020	9/23/2020	12/15/2020
		Sample ID	MW-4D-091918	MW-4D-112918	MW-4D-032019	MW-4D-062119	MW-4D-092519	MW-4D-121819	MW 4D 031920	MW4D061720	MW4D092320	MW4D121520
		GW Stds	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	µg/L	µg/L	µg/L
Chemical Name	(ug.l)											
1,1,1-Trichloroethane	5		1.0 U	1 U	1 U	1 U	1 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 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 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 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 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 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	1 U	1 U	1 U	1 U
2-Hexanone	50		5.0 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
4-Methyl-2-pentanone	NS		5.0 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	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	1 U	1 U	1 U	1 U
Bromodichloromethane	50		1.0 U	1 U	1 U	1 U	1 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	1 U *	1 U	1 U	1 U
Bromomethane	5		1.0 U	1 U	1 U	1 U	1 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	1 U	1 U	1 U	1 U
Carbon tetrachloride	5		1.0 U	1 U	1 U	1 U	1 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	1 U	1 U	1 U	1 U
Chloroethane	5		1.0 U	1 U	1 U	1 U	1 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	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	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	1 U	1 U	1 U	1 U
Dibromochloromethane	50		1.0 U	1 U	1 U	1 U	1 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	1 U	1 U	1 U	1 U
Methyl chloride	5		1.0 U	1 U	1 U	1 U	0.58 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	10 U	10 U	10 U	10 U
Methylene chloride	5		1.0 U	1 U	1 U	1 U	1 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	1 U	1 U	1 U	1 U
Tetrachloroethene	5		1.0 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Toluene	5		1.0 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
trans-1,2-Dichloroethene	5		1.0 U	1 U	1 U	1 U	1 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	1 U	1 U	1 U	1 U
Trichloroethene	5		1.0 U	1 U	1 U	1 U	1 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	1 U	1 U	1 U	1 U
Xylenes, Total	5		2.0 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U

NOTES:
 U - not detected, J - estimated, B - compound found in the blank and sample, D - Diluted Result, H - Holding time exceeded
 R - unusable, NS - no standard, X-1 - duplicate sample, * - LCS or LCSD exceeds control limits, '---' 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 3
2018-2020 Groundwater Data - VOCs
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA	Location ID	MW-4S	MW-4S	MW-4S	MW-4S	MW-4S	MW-4S	MW-04S	MW-04S	MW-04S	MW-04S
		Depth Interval	-	-	-	-	-	-	-	--	--	--
		Sample Date	9/19/2018	11/27/2018	3/20/2019	6/21/2109	9/25/2019	12/19/2019	3/19/2020	6/17/2020	9/23/2020	12/15/2020
		Sample ID	MW-4S-091918	MW-4S-091918	MW-4S-032019	MW-4S-062119	MW-4S-092519	MW-4S-121919	MW 4S 031920	MW4S061720	MW4S092320	MW4S121520
		GW Stds	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/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 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		NOT SAMPLED	NOT SAMPLED	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	NOT SAMPLED	NOT SAMPLED
Carbon disulfide	60				1 U	1 U	0.59 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 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, B - compound found in the blank and sample, D - Diluted Result, H - Holding time exceeded
 R - unusable, NS - no standard, X-1 - duplicate sample, * - LCS or LCSD exceeds control limits, '---' 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 3
2018-2020 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	MW-05D	MW-05D	MW-05D	MW-05D
		Depth Interval	-	-	-	-	-	-	-	--	--	--
		Sample Date	11/28/2018	3/20/2019	6/21/2019	9/25/2019	9/25/2019	12/19/2019	3/19/2020	6/16/2020	9/22/2020	12/15/2020
		Sample ID	MW-5D-112818	MW-5D-032019	MW-5D-062119	MW-5D-092519	X-1-092519	MW-5D-121919	MW 5D 031920	MW5D 061620	MW5D 092220	MW5D 121520
			ug/l	ug/l	ug/l	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 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 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 U	1 U	1 U	1 U
1,1-Dichloroethane	5		1 U	0.52 J	0.47 J	0.56 J	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 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 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	1 U	1 U	1 U	1 U
2-Hexanone	50		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
Acetone	50		10 U	10 U	10 U	10 U	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	1 U	1 U	1 U	1 U
Bromodichloromethane	50		1 U	1 U	1 U	1 U	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	1 U *	1 U	1 U	1 U
Bromomethane	5		1 U	1 U	1 U	1 U	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	1 U	1 U	1 U	1 U
Carbon tetrachloride	5		1 U	1 U	1 U	1 U	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	1 U	1 U	1 U	1 U
Chloroethane	5		1 U	1 U	1 U	1 U	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	1 U	1 U	1 U	1 U
cis-1,2-Dichloroethene	5		1 U	1 U	1 U	0.92 J	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	1 U	1 U	1 U	1 U
Dibromochloromethane	50		1 U	1 U	1 U	1 U	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	1 U	1 U	1 U	1 U
Methyl chloride	5		1 U	1 U	1 U	0.69 J	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
Methylene chloride	5		1 U	1 U	1 U	1 U	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	1 U	1 U	1 U	1 U
Tetrachloroethene	5		1 U	1 U	1 U	1 U	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	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	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	1 U	1 U	1 U	1 U
Trichloroethene	5		1 U	1 U	1 U	1 U	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	1 U	1 U	1 U	1 U
Xylenes, Total	5		2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U

NOTES:
 U - not detected, J - estimated, B - compound found in the blank and sample, D - Diluted Result, H - Holding time exceeded
 R - unusable, NS - no standard, X-1 - duplicate sample, * - LCS or LCSD exceeds control limits, '---' 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 3
2018-2020 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	MW-05S	MW-05S	MW-05S
	Depth Interval	-	-	-	-	-	-	--	--	--
	Sample Date	11/29/2018	3/20/2019	6/21/2019	9/25/2019	12/19/2019	3/19/2020	6/16/2020	9/24/2020	12/15/2020
	Sample ID	MW-5S-112918	MW-5S-032019	MW-5S-062119	MW-5S-092519	MW-5S-121919	MW 5S 031920	MW5S 061620	MW5S 09242020	MW5S 121520
Class GA GW	Standards (ug/l)	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	µg/L	µg/L	µg/L
Chemical Name	Standards (ug/l)									
1,1,1-Trichloroethane	5	3.3	[5.1]	2.2	[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 U	1 U	1 U
1,1,2-Trichloroethane	1	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,1-Dichloroethane	5	3.7	[9.8]	[11]	[16]	1 U	1.1	[40]	[27]	[6.6]
1,1-Dichloroethene	5	0.35 J	0.85 J	1.1	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 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	1 U	1 U	1 U
2-Hexanone	50	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
Acetone	50	10 U	10 U	10 U	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	1 U	1 U	1 U
Bromodichloromethane	50	1 U	1 U	1 U	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 *	1 U	1 U	1 U
Bromomethane	5	1 U	1 U	1 U	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	1 U	1 U	1 U
Carbon tetrachloride	5	1 U	1 U	1 U	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	1 U	1 U	1 U
Chloroethane	5	1 U	1 U	1 U	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	1 U	1 U	1 U
cis-1,2-Dichloroethene	5	[11]	[44]	[15]	[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	1 U	1 U	1 U
Dibromochloromethane	50	1 U	1 U	1 U	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	1 U	1 U	1 U
Methyl chloride	5	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	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	1 U	1 U	1 U
Styrene	5	1 U	1 U	1 U	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	1 U	1 U	1 U
Toluene	5	1 U	1 U	1 U	2.4	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	2.3	1 U	1 U
trans-1,3-Dichloropropene	0.4	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Trichloroethene	5	[12]	[24]	[5.2]	1.3	0.51 J	0.85 J	[9.2]	[21]	[25]
Vinyl chloride	2	1 U	1 U	1.5	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	2 U	2 U	2 U

NOTES:
 U - not detected, J - estimated, B - compound found in the blank and sample, D - Diluted Result, H - Holding time exceeded
 R - unusable, NS - no standard, X-1 - duplicate sample, * - LCS or LCSD exceeds control limits, '--- 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 3
2018-2020 Groundwater Data - VOCs
Forest Glen Superfund Site
Niagara Falls, New York

	Location ID	MW-6DD	MW-6DD	MW-6DD	MW-6DD	MW-6DD	MW-06DD	MW-06DD	MW-06DD	MW-06DD
	Depth Interval	-	-	-	-	-	-	--	--	--
	Sample Date	11/28/2018	3/20/2019	6/19/2019	9/24/2019	12/19/2019	3/17/2020	6/16/2020	9/22/2020	12/15/2020
	Sample ID	MW-6DD-112818	MW-6DD-032019	MW-6DD-062119	MW-6DD-092419	MW-6DD-121919	MW 6DD 031720	MW6DD 061620	MW6DD 092220	MW6DD 121520
Chemical Name	Class GA GW Standards (ug/l)	ug/l	ug/l	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 U	1 U	1 U
1,1,2,2-Tetrachloroethane	5	1 U	1 U	1 U	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 U	1 U	1 U
1,1-Dichloroethane	5	1 U	0.42 J	0.48 J	1 U	1 U	0.39 J	0.41 J	0.41 J	1 U
1,1-Dichloroethene	5	1 U	1 U	1 U	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 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	1 U	1 U	1 U
2-Hexanone	50	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
Acetone	50	10 U	10 U	10 U	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	1 U	1 U	1 U
Bromodichloromethane	50	1 U	1 U	1 U	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	1 U	1 U	1 U
Bromomethane	5	1 U	1 U	1 U	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	1 U	1 U	1 U
Carbon tetrachloride	5	1 U	1 U	1 U	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	1 U	1 U	1 U
Chloroethane	5	1 U	1 U	1 U	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	1 U	1 U	1 U
cis-1,2-Dichloroethene	5	[11]	[13]	[24]	[25]	[15]	[15]	[28]	[16]	[18]
cis-1,3-Dichloropropene	0.4	1 U *	1 U	1 U	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	1 U	1 U	1 U
Ethylbenzene	5	1 U	1 U	1 U	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	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
Methylene chloride	5	1 U	1 U	1 U	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	1 U	1 U	1 U
Tetrachloroethene	5	1 U	1 U	1 U	1 U	1 U	1 U	0.37 J	1 U	1 U
Toluene	5	1 U	1 U	1 U	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	1 U	1 U	1 U
trans-1,3-Dichloropropene	0.4	1 U *	1 U	1 U	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	0.5 J	1 U	1 U
Vinyl chloride	2	1 U	1.2	[6.7]	[5.5]	1.5	1.3	[5.8]	[3.8]	[1.6]
Xylenes, Total	5	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U

NOTES:

- U - not detected, J - estimated, B - compound found in the blank and sample, D - Diluted Result, H - Holding time exceeded
- R - unusable, NS - no standard, X-1 - duplicate sample, * - LCS or LCSD exceeds control limits, '--- 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 3
2018-2020 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	MW-06D	MW-06D	MW-06D
		Depth Interval	-	-	-	-	-	-	--	--	--
		Sample Date	11/27/2018	3/20/2019	6/19/2109	9/24/2019	12/18/2019	3/17/2020	6/16/2020	9/22/2020	12/15/2020
		Sample ID	MW-6D-112718	MW-6D-032019	MW-6D-061919	MW-6D-092419	MW-6D-121819	MW 6D 031720	MW6D 061620	MW6D 092220	MW6D 121520
		ug/l	ug/l	ug/l	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 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 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 U	1 U	1 U	1 U
1,1-Dichloroethane	5	0.4 J	0.49 J	0.59 J	1 U	0.45 J	0.44 J	0.44 J	0.47 J	0.41 J	
1,1-Dichloroethene	5	1 U	1 U	1 U	1 U	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 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	1 U	1 U	1 U	1 U
2-Hexanone	50	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
Acetone	50	10 U	10 U	10 U	10 U	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	1 U	1 U	1 U	1 U
Bromodichloromethane	50	1 U	1 U	1 U	1 U	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	1 U	1 U	1 U	1 U
Bromomethane	5	1 U	1 U	1 U	1 U	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	1 U	1 U	1 U	1 U
Carbon tetrachloride	5	1 U	1 U	1 U	1 U	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	1 U	1 U	1 U	1 U
Chloroethane	5	1 U	1 U	1 U	1 U	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	1 U	1 U	1 U	1 U
cis-1,2-Dichloroethene	5	0.84 J	0.82 J	1.1	0.95 J	1 U	1 U	1 U	1	1 U	1 U
cis-1,3-Dichloropropene	0.4	1 U *	1 U	1 U	1 U	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	1 U	1 U	1 U	1 U
Ethylbenzene	5	1 U	1 U	1 U	1 U	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	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
Methylene chloride	5	1 U	1 U	1 U	1 U	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	1 U	1 U	1 U	1 U
Tetrachloroethene	5	1 U	1 U	1 U	1 U	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	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	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	1 U	1 U	1 U	1 U
Trichloroethene	5	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Vinyl chloride	2	1 U	1 U	1 U	0.90 J	1 U	1 U	1 U	0.91 J	1 U	1 U
Xylenes, Total	5	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U

NOTES:

- U - not detected, J - estimated, B - compound found in the blank and sample, D - Diluted Result, H - Holding time exceeded
 - R - unusable, NS - no standard, X-1 - duplicate sample, * - LCS or LCSD exceeds control limits, '--- 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 3
2018-2020 Groundwater Data - VOCs
Forest Glen Superfund Site
Niagara Falls, New York**

Chemical Name	Class GA GW Standards (ug/l)	Location 1 D	MW-06S	MW-06S	MW-06S	MW-06S	MW-06S	MW-06S	MW-06S	MW-06S	MW-06S
		Depth Interval	-	-	-	-	-	-	--	--	--
		Sample Date	11/29/2018	8/30/1987	6/19/2019	9/25/2019	12/18/2019	3/17/2020	6/16/2020	9/23/2020	12/15/2020
		Sample ID	MW-6S-112918	MW-6S-032019	MW-6S-061919	MW-6S-092519	MW-6S-121819	MW 6S 031720	MW6S 061620	MW6S 092320	MW6S 121520
		ug/l	ug/l	ug/l	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 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 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 U	1 U	1 U	1 U
1,1-Dichloroethane	5	1 U	1 U	1 U	1 U	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 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 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	1 U	1 U	1 U	1 U
2-Hexanone	50	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
Acetone	50	10 U	10 U	10 U	10 U	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	1 U	1 U	1 U	1 U
Bromodichloromethane	50	1 U	1 U	1 U	1 U	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	1 U	1 U	1 U	1 U
Bromomethane	5	1 U	1 U	1 U	1 U	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	1 U	1 U	1 U	1 U
Carbon tetrachloride	5	1 U	1 U	1 U	1 U	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	1 U	1 U	1 U	1 U
Chloroethane	5	1 U	1 U	1 U	1 U	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	1 U	1 U	1 U	1 U
cis-1,2-Dichloroethene	5	[13]	[39]	[27]	[9.5]	[24]	[38]	[23]	[11]	[5.8]	[5.8]
cis-1,3-Dichloropropene	0.4	1 U	1 U	1 U	1 U	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	1 U	1 U	1 U	1 U
Ethylbenzene	5	1 U	1 U	1 U	1 U	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	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
Methylene chloride	5	1 U	1 U	1 U	1 U	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	1 U	1 U	1 U	1 U
Tetrachloroethene	5	1 U	1 U	1 U	1 U	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	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	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	1 U	1 U	1 U	1 U
Trichloroethene	5	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Vinyl chloride	2	[22]	[28]	[23]	[7.9]	[23]	[68]	[34]	[23]	[23]	1 U
Xylenes, Total	5	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U

NOTES:

U - not detected, J - estimated, B - compound found in the blank and sample, D - Diluted Result, H - Holding time exceeded
R - unusable, NS - no standard, X-1 - duplicate sample, * - LCS or LCSD exceeds control limits, '--- 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 3
2018-2020 Groundwater Data - VOCs
Forest Glen Superfund Site
Niagara Falls, New York

Location ID	MW-7DD	MW-7DD	MW-7DD	MW-7DD	MW-7DD	MW-7DD	MW-07DD	MW-07DD	MW-07DD	MW-07DD
Depth Interval	-	-	-	-	-	-	-	--	--	--
Sample Date	11/28/2018	3/19/2019	6/20/2019	9/24/2019	12/18/2019	3/18/2020	6/17/2020	6/17/2020	6/17/2020	12/15/2020
Sample ID	MW-7DD-112818	MW-7DD-031919	MW-7DD-062019	MW-7DD-092419	MW-7DD-121819	MW 7DD 031820	MW7DD061720	MW7DD061720	MW7DD061720	MW7DD 121520
Class GA GW	ug/l	ug/l	ug/l	ug/l	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	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 U	1 U	1 U
1,1,2-Trichloroethane	1	1 U	1 U	1 U	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 U	1 U	1 U
1,1-Dichloroethene	5	1 U	1 U	1 U	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 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	1 U	1 U	1 U
2-Hexanone	50	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
Acetone	50	10 U	10 U	10 U	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	1 U	1 U	1 U
Bromodichloromethane	50	1 U	1 U	1 U	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	1 U	1 U	1 U
Bromomethane	5	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Carbon disulfide	60	0.33 J B	1 U	0.46 J	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	1 U	1 U	1 U
Chlorobenzene	5	1 U	1 U	1 U	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	1 U	1 U	1 U
Chloroform	7	1 U	1 U	1 U	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	1 U	1 U	1 U
cis-1,3-Dichloropropene	0.4	1 U *	1 U	1 U	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	1 U	1 U	1 U
Ethylbenzene	5	1 U	1 U	1 U	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	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
Methylene chloride	5	1 U	1 U	1 U	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	1 U	1 U	1 U
Tetrachloroethene	5	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Toluene	5	1 U	1 U	1 U	0.59 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	1 U	1 U	1 U
trans-1,3-Dichloropropene	0.4	1 U *	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Trichloroethene	5	1 U	1 U	1 U	0.61 J	0.67 J	0.62 J	0.6 J	1 U	1 U
Vinyl chloride	2	1 U	1 U	1 U	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	2 U	2 U	2 U

NOTES:
 U - not detected, J - estimated, B - compound found in the blank and sample, D - Diluted Result, H - Holding time exceeded
 R - unusable, NS - no standard, X-1 - duplicate sample, * - LCS or LCSD exceeds control limits, '---' 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 3
2018-2020 Groundwater Data - VOCs
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW Standards (ug/l)	Location ID	MW-07D	MW-07D	MW-07D	MW-07D	MW-07D	MW-07D	MW-07D	MW-07D	
		Depth Interval	-	-	-	-	-	-	--	--	--
		Sample Date	11/28/2018	3/19/2019	6/20/2019	9/24/2019	12/18/2019	3/18/2020	6/17/2020	9/24/2020	12/15/2020
		Sample ID	MW-7D-112818	MW-7D-031919	MW-7D-062019	MW-7D-092419	MW-7D-121819	MW 7D 031820	MW7D061720	MW7D092420	MW7D 121520
		ug/l	ug/l	ug/l	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 U	1 U	1 U
1,1,2,2-Tetrachloroethane	5		1 U	1 U	1 U	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 U	1 U	1 U
1,1-Dichloroethane	5		1 U	1 U	1 U	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 U	1 U	1 U
1,2-Dichloroethane	0.6		1 U	1 U	1 U	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	1 U	1 U	1 U
2-Hexanone	50		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
Acetone	50		10 U	10 U	10 U	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	1 U	1 U	1 U
Bromodichloromethane	50		1 U	1 U	1 U	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	1 U	1 U	1 U
Bromomethane	5		1 U	1 U	1 U	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	1 U	1 U	1 U
Carbon tetrachloride	5		1 U	1 U	1 U	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	1 U	1 U	1 U
Chloroethane	5		1 U	1 U	1 U	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	1 U	1 U	1 U
cis-1,2-Dichloroethene	5		1 U	1 U	1 U	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	1 U	1 U	1 U
Dibromochloromethane	50		1 U	1 U	1 U	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	1 U	1 U	1 U
Methyl chloride	5		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
Methylene chloride	5		1 U	1 U	1 U	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	1 U	1 U	1 U
Tetrachloroethene	5		0.36 J	0.37 J	0.51 J*	1 U	1 U	0.45 J	0.44 J	1 U	0.49 J
Toluene	5		1 U	1 U	1 U	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	1 U	1 U	1 U
trans-1,3-Dichloropropene	0.4		1 U *	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Trichloroethene	5		0.94 J	1.1	1.6	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	1 U	1 U	1 U
Xylenes, Total	5		2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U

NOTES:
 U - not detected, J - estimated, B - compound found in the blank and sample, D - Diluted Result, H - Holding time exceeded
 R - unusable, NS - no standard, X-1 - duplicate sample, * - LCS or LCSD exceeds control limits, '---' 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 3
2018-2020 Groundwater Data - VOCs
Forest Glen Superfund Site
Niagara Falls, New York**

Chemical Name	Class GA GW Standards (ug/l)	Location ID	MW-07S	MW-07S	MW-07S	MW-07S	MW-07S	MW-07S	MW-07S	MW-07S	MW-07S	MW-07S	MW-07S	
		Depth Interval	-	-	-	-	-	-	-	-	-	--	--	--
		Sample Date	11/28/2018	3/19/2019	3/19/2019	6/20/2019	6/20/2019	9/24/2019	12/18/2019	12/18/2019	3/18/2020	6/17/2020	9/24/2020	12/15/2020
		Sample ID	MW-7S-112818	MW-7S-031919	X-1-031919	MW-7S-062019	X-1-062019	MW-7S-092419	MW-7S-121819	X-1-121819	MW 7S 031820	MW7S061720	MW7S092420	MW7S 121520
		ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	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 U	1 U	1 U	1 U	4 U	1 U
1,1,2,2-Tetrachloroethane	5		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	4 U	1 U
1,1,2-Trichloroethane	1		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	4 U	1 U
1,1-Dichloroethane	5		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	4 U	1 U
1,1-Dichloroethene	5		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	4 U	1 U
1,2-Dichloroethane	0.6		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	4 U	1 U
1,2-Dichloroethene (Total)	5		---	---	---	---	---	---	---	---	---	---	---	---
1,2-Dichloropropane	1		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	4 U	1 U
2-Hexanone	50		5 U *	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	20 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	20 U	5 U
Acetone	50		10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	40 U	10 U
Benzene	1		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	4 U	1 U
Bromodichloromethane	50		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	4 U	1 U
Bromoform	50		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	4 U	1 U
Bromomethane	5		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	4 U	1 U
Carbon disulfide	60		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	4 U	1 U
Carbon tetrachloride	5		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	4 U	1 U
Chlorobenzene	5		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	4 U	1 U
Chloroethane	5		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	4 U	1 U
Chloroform	7		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	4 U	1 U
cis-1,2-Dichloroethene	5		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	4 U	1 U
cis-1,3-Dichloropropene	0.4		1 U *	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	4 U	1 U
Dibromochloromethane	50		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	4 U	1 U
Ethylbenzene	5		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	4 U	1 U
Methyl chloride	5		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	4 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	40 U	10 U
Methylene chloride	5		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	4 U	1 U
Styrene	5		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	4 U	1 U
Tetrachloroethene	5		0.39 J	0.42 J	0.5 J	0.44 J*	0.47 J*	1 U	0.46 J	0.56 J	0.5 J	1 U	4 U	0.46 J
Toluene	5		1 U	1 U	1 U	1 U	1 U	0.57 J	1 U	1 U	1 U	1 U	4 U	1 U
trans-1,2-Dichloroethene	5		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	4 U	1 U
trans-1,3-Dichloropropene	0.4		1 U *	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	4 U	1 U
Trichloroethene	5		1.1	1.3	1.2	1.2	1.3	0.87 J	1.4	1.4	1.6	0.92 J	4 U	1.3
Vinyl chloride	2		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	4 U	1 U
Xylenes, Total	5		2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	8 U	2 U

NOTES:
 U - not detected, J - estimated, B - compound found in the blank and sample, D - Diluted Result, H - Holding time exceeded
 R - unusable, NS - no standard, X-1 - duplicate sample, * - LCS or LCSD exceeds control limits, '--- 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 3
2018-2020 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	MW-08DD - 11/28/2018 MW-8DD-112818 ug/l	MW-08DD - 3/19/2019 MW-8DD-031919 ug/l	MW-08DD - 6/20/2019 MW-8DD-062019 ug/l	MW-08DD - 9/24/2019 MW-8DD-092419 ug/l	MW-08DD - 12/18/2019 MW-8DD-121819 ug/l	MW-08DD - 3/18/2020 MW 8DD 031720 ug/l	MW-08DD -- 6/17/2020 MW8DD061720 µg/L	MW-08DD -- 9/23/2020 MW8DD092320 µg/L	MW-08DD -- 12/15/2020 MW8DD 121520 µg/L
1,1,1-Trichloroethane	5		1 U	1 U	1 U	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 U	1 U	1 U
1,1,2-Trichloroethane	1		1 U	1 U	1 U	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 U	1 U	1 U
1,1-Dichloroethene	5		1 U	1 U	1 U	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 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	1 U	1 U	1 U
2-Hexanone	50		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
Acetone	50		10 U	10 U	10 U	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	1 U	1 U	1 U
Bromodichloromethane	50		1 U	1 U	1 U	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	1 U	1 U	1 U
Bromomethane	5		1 U	1 U	1 U	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	1 U	1 U	1 U
Carbon tetrachloride	5		1 U	1 U	1 U	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	1 U	1 U	1 U
Chloroethane	5		1 U	1 U	1 U	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	1 U	1 U	1 U
cis-1,2-Dichloroethene	5		1 U	1 U	0.83 J	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	1 U	1 U	1 U
Dibromochloromethane	50		1 U	1 U	1 U	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	1 U	1 U	1 U
Methyl chloride	5		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
Methylene chloride	5		1 U	1 U	1 U	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	1 U	1 U	1 U
Tetrachloroethene	5		1 U	1 U	1 U*	1 U	1 U	1 U	1 U	1 U	1 U
Toluene	5		1 U	1 U	1 U	0.94 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	1 U	1 U	1 U
trans-1,3-Dichloropropene	0.4		1 U *	1 U	1 U	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	1 U	1 U	1 U
Vinyl chloride	2		1 U	1 U	1 U	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	2 U	2 U	2 U

NOTES:

U - not detected, J - estimated, B - compound found in the blank and sample, D - Diluted Result, H - Holding time exceeded
R - unusable, NS - no standard, X-1 - duplicate sample, * - LCS or LCSD exceeds control limits, '--- 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 3
2018-2020 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	MW-08D - 11/28/2018 MW-8D-112818 ug/l	MW-08D - 3/19/2019 MW-8D-031919 ug/l	MW-08D - 6/20/2019 MW-8D-062019 ug/l	MW-08D - 9/24/2019 MW-8D-092419 ug/l	MW-08D - 12/18/2019 MW-8D-121819 ug/l	MW-08D - 3/18/2020 MW 8 D 031720 ug/l	MW-08D -- 6/17/2020 MW8D061720 µg/L	MW-08D -- 9/23/2020 MW8D092320 µg/L	MW-08D -- 12/15/2020 MW8D 121520 µg/L
1,1,1-Trichloroethane	5		1 U F2	1 U	1 U	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	1 U	1 U	1 U F2	1 U	1 U
1,1,2-Trichloroethane	1		1 U	1 U	1 U	1 U	1 U	1 U	1 U F2	1 U	1 U
1,1-Dichloroethane	5		0.55 J	0.52 J	1 U	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	1 U	1 U	1 U F2	1 U	1 U
1,2-Dichloroethane	0.6		1 U	1 U	1 U	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	1 U	1 U	1 U F2	1 U	1 U
2-Hexanone	50		5 U * F1	5 U	5 U	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	5 U	5 U	5 U
Acetone	50		10 U	10 U	10 U	10 U	10 U	10 U	10 U F2	10 U	10 U
Benzene	1		1 U F2	1 U	1 U	1 U	1 U	1 U	1 U F2	1 U	1 U
Bromodichloromethane	50		1 U	1 U	1 U	1 U	1 U	1 U	1 U F2	1 U	1 U
Bromoform	50		1 U	1 U	1 U	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	1 U	1 U	1 U
Carbon disulfide	60		0.24 J B	1 U	1 U	1 U	1 U	1 U	1 U F2	1 U	1 U
Carbon tetrachloride	5		1 U	1 U	1 U	1 U	1 U	1 U	1 U F2	1 U	1 U
Chlorobenzene	5		1 U	1 U	1 U	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	1 U	1 U	1 U
Chloroform	7		1 U	1 U	1 U	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	1 U	1 U	1 U F2	1 U	1 U
cis-1,3-Dichloropropene	0.4		1 U * F1	1 U	1 U	1 U	1 U	1 U	1 U F2	1 U	1 U
Dibromochloromethane	50		1 U	1 U	1 U	1 U	1 U	1 U	1 U F2	1 U	1 U
Ethylbenzene	5		1 U	1 U	1 U	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	1 U	1 U	1 U
Methyl ethyl ketone	50		10 U	10 U	10 U	10 U	10 U	10 U	10 U F2	10 U	10 U
Methylene chloride	5		1 U	1 U	1 U	1 U	1 U	1 U	1 U F2	1 U	1 U
Styrene	5		1 U	1 U	1 U	1 U	1 U	1 U	1 U F1 F2	1 U	1 U
Tetrachloroethene	5		1 U	1 U	1 U*	1 U	1 U	1 U	1 U F2	1 U	1 U
Toluene	5		1 U	1 U	1 U	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	1 U	1 U	1 U F2	1 U	1 U
trans-1,3-Dichloropropene	0.4		1 U * F1	1 U	1 U	1 U	1 U	1 U	1 U F2	1 U	1 U
Trichloroethene	5		1 U	1 U	1 U	1 U	1 U	1 U	1 U F2	1 U	1 U
Vinyl chloride	2		1 U	1.1	1 U	1.1	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	2 U F2	2 U	2 U

NOTES:

U - not detected, J - estimated, B - compound found in the blank and sample, D - Diluted Result, H - Holding time exceeded
R - unusable, NS - no standard, X-1 - duplicate sample, * - LCS or LCSD exceeds control limits, '--- Not Analyzed
^ - 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
Data have not been validated

Table 3
2018-2020 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	MW-08S MW-8S-112818 ug/l	MW-08S MW-8S-031919 ug/l	MW-08S MW-8S-062019 ug/l	MW-08S MW-8S-092419 ug/l	MW-08S MW-8S-121819 ug/l	MW-08S MW-8S 031720 ug/l	MW-08S MW8S061720 µg/L	MW-08S MW8S092420 µg/L	MW-08S MW8S 121520 µg/L
1,1,1-Trichloroethane	5		1 U	1 U	1 U	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 U	1 U	1 U
1,1,2-Trichloroethane	1		1 U	1 U	1 U	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 U	1 U	1 U
1,1-Dichloroethene	5		1 U	1 U	1 U	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 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	1 U	1 U	1 U
2-Hexanone	50		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
Acetone	50		10 U	10 U	10 U	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	1 U	1 U	1 U
Bromodichloromethane	50		1 U	1 U	1 U	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	1 U	1 U	1 U
Bromomethane	5		1 U	1 U	1 U	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	1 U	1 U	1 U
Carbon tetrachloride	5		1 U	1 U	1 U	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	1 U	1 U	1 U
Chloroethane	5		1 U	1 U	1 U	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	1 U	1 U	1 U
cis-1,2-Dichloroethene	5		2	1.9	2.3	2.2	2.5	2.2	2	2.7	2.4
cis-1,3-Dichloropropene	0.4		1 U *	1 U	1 U	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	1 U	1 U	1 U
Ethylbenzene	5		1 U	1 U	1 U	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	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
Methylene chloride	5		1 U	1 U	1 U	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	1 U	1 U	1 U
Tetrachloroethene	5		0.66 J	0.76 J	0.67 J*	1 U	0.7 J	0.5 J	1 U	0.6 J	0.41 J
Toluene	5		1 U	1 U	1 U	0.75 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	1 U	1 U	1 U
trans-1,3-Dichloropropene	0.4		1 U *	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Trichloroethene	5		2.7	3.1	2.8	1.7	3.4	2.3	1.9	2.3	1.9
Vinyl chloride	2		1 U	1 U	1 U	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	2 U	2 U	2 U

NOTES:

U - not detected, J - estimated, B - compound found in the blank and sample, D - Diluted Result, H - Holding time exceeded
R - unusable, NS - no standard, X-1 - duplicate sample, * - LCS or LCSD exceeds control limits, '--- 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 3
2018-2020 Groundwater Data - VOCs
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW Stds (ug/l)	Location ID	MW-10D	MW-10D	MW-10D	MW-10D	MW-10D	MW-10D	MW-10D	MW-10D	MW-10D	MW-10D
		Depth Interval	-	-	-	-	-	-	-	-	--	--
Sample Date	Sample ID	MW-10D-112818	MW-10D-031919	MW-10D-062019	MW-10D-092519	MW-10D-121919	MW 10D 031720	X-1 031720	MW10D061720	MW10D092220	MW10D 121520	X-1 121520
ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	µg/L	µg/L	µg/L	µg/L
1,1,1-Trichloroethane	5	1 U	1 U	1 U	1 U	1 U	1 U	1 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 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 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 U	1 U	1 U F1	1 U	1 U
1,1-Dichloroethene	5	1 U	1 U	1 U	1 U	1 U	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 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	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	5 U	5 U	5 U F1	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 F1	5 U	5 U
Acetone	50	10 U	10 U	10 U	10 U	10 U	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	1 U	1 U	1 U	1 U	1 U
Bromodichloromethane	50	1 U	1 U	1 U	1 U	1 U	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	1 U	1 U	1 U	1 U	1 U
Bromomethane	5	1 U	1 U	1 U	1 U	1 U	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	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	1 U	1 U	1 U	1 U	1 U
Chlorobenzene	5	1 U	1 U	1 U	1 U	1 U	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	1 U	1 U	1 U	1 U	1 U
Chloroform	7	1 U	1 U	1 U	1 U	1 U	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	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	1 U	1 U	1 U	1 U	1 U
Dibromochloromethane	50	1 U	1 U	1 U	1 U	1 U	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	1 U	1 U	1 U	1 U	1 U
Methyl chloride	5	1 U	1 U	1 U	0.38 J	1 U	1 U	1 U	1 U	1 U F1	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
Methylene chloride	5	1 U	1 U	1 U	1 U	1 U	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	1 U	1 U	1 U	1 U	1 U
Tetrachloroethene	5	1 U	1 U	1 U*	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Toluene	5	1 U	1 U	1 U	0.56 J	1 U	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	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	1 U	1 U	1 U	1 U	1 U
Trichloroethene	5	1 U	1 U	1 U	1 U	1 U	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	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	2 U	2 U	2 U	2 U	2 U

NOTES:
 U - not detected, J - estimated, B - compound found in the blank and sample, D - Diluted Result, H - Holding time exceeded
 R - unusable, NS - no standard, X-1 - duplicate sample, * - LCS or LCSD exceeds control limits, '---' 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 3
2018-2020 Groundwater Data - VOCs
Forest Glen Superfund Site
Niagara Falls, New York

Chemical Name	Class GA GW Stds (ug/l)	Location ID	MW-10S	MW-10S	MW-10S	MW-10S	MW-10S	MW-10S	MW-10S	MW-10S	MW-10S	MW-10S	MW-10S
		Depth Interval	-	-	-	-	-	-	-	-	--	--	--
Sample Date	Sample ID	MW-10S-112818	X-1-112818	MW-10S-032019	MW-10S-062019	MW-10S-092519	MW-10S-121919	MW 10S 031720	MW10S061720	MW10S092320	X-1 092320	MW10S 121520	
ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	µg/L	µg/L	µg/L	µg/L	
1,1,1-Trichloroethane	5	1 U	1 U	1 U	1 U	1 U	1 U	1 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 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 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 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 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 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	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	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	
Acetone	50	10 U	10 U	10 U	10 U	10 U	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	1 U	1 U	1 U	1 U	1 U	
Bromodichloromethane	50	1 U	1 U	1 U	1 U	1 U	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	1 U	1 U	1 U	1 U	1 U	
Bromomethane	5	1 U	1 U	1 U	1 U	1 U	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	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	1 U	1 U	1 U	1 U	1 U	
Chlorobenzene	5	1 U	1 U	1 U	1 U	1 U	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	1 U	1 U	1 U	1 U	1 U	
Chloroform	7	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	
cis-1,2-Dichloroethene	5	1	1.1	1 U	1 U	[20]	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	1 U	1 U	1 U	1 U	1 U	
Dibromochloromethane	50	1 U	1 U	1 U	1 U	1 U	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	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	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	
Methylene chloride	5	1 U	1 U	1 U	1 U	1 U	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	1 U	1 U	1 U	1 U	1 U	
Tetrachloroethene	5	1 U	1 U	1 U	1 U*	1 U	1 U	1 U	1 U	1 U	1 U	1 U	
Toluene	5	1 U	1 U	1 U	1 U	0.59 J	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	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	1 U	1 U	1 U	1 U	1 U	
Trichloroethene	5	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	
Vinyl chloride	2	1 U	1 U	1 U	1 U	[3.5]	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	2 U	2 U	2 U	2 U	2 U	

NOTES:
 U - not detected, J - estimated, B - compound found in the blank and sample, D - Diluted Result, H - Holding time exceeded
 R - unusable, NS - no standard, X-1 - duplicate sample, * - LCS or LCSD exceeds control limits, --- 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	Class GA GW Stds (ug/l)	Location ID	MW-01D	MW-01D	MW-01D	MW-01D	MW-01D	MW-01D	MW-01D	MW-01D	MW-01D	MW-01D
		Depth Interval	Sample Date	Sample ID	MW-01D_WG_091195	MW-01D_WG_111395	MW-01D_WG_072297	MW-01D_WG_091597	MW-01D_WG_021400	MW-01D_WG_081301	MW-01D_WG_112601	MW-01D_WG_022502
1,1,1-Trichloroethane	5		10 U	10 U	1 U	1 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		10 U	10 U	1 U	1 U	0.5 U	0.5 U	0.5 U	0.5 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	0.5 U	0.5 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	0.5 U	0.5 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	0.5 U	0.5 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	0.5 U	0.5 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	0.5 U	0.5 U	0.5 U	0.5 U
2-Hexanone	50		10 U	10 U	2 U	2 U	5 U	5 U	5 U	5 U	5 U	5 U
4-Methyl-2-pentanone	NS		10 U	10 U	2 U	2 U	5 U	5 U	5 U	5 U	5 U	5 U
Acetone	50		12	10 U	2 U	2 U	10 U	10 U	10 U	10 U	10 U	10 U
Benzene	1		10 U	10 U	1 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Bromodichloromethane	50		10 U	10 U	1 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Bromoform	50		10 U	10 U	1 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Bromomethane	5		2	10 U	2 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U
Carbon disulfide	60		10 U	10 U	1 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Carbon tetrachloride	5		10 U	10 U	1 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Chlorobenzene	5		10 U	10 U	1 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Chloroethane	5		10 U	10 U	1 U	1 U	1 U	1 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	0.5 U	0.5 U	0.5 U	0.5 U
cis-1,2-Dichloroethene	5		---	---	---	---	0.5 J	0.5 U	0.2 J	0.1 J	0.1 J	0.1 J
cis-1,3-Dichloropropene	0.4		10 U	10 U	1 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Dibromochloromethane	50		10 U	10 U	1 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Ethylbenzene	5		10 U	10 U	1 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Methyl chloride	5		10 U	10 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	4 U	4 U	10 U	10 U	10 U	10 U	10 U	10 U
Methylene chloride	5		13 U	10 U	1 U	1 U	2 U	2 U	2 U	2 U	2 U	2 U
Styrene	5		10 U	10 U	1 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Tetrachloroethene	5		10 U	10 U	1 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Toluene	5		10 U	10 U	1 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
trans-1,2-Dichloroethene	5		---	---	---	---	0.5 U	0.5 U	0.5 U	0.5 U	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	0.5 U	0.5 U	0.5 U	0.5 U
Trichloroethene	5		10 U	10 U	1 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Vinyl chloride	2		10 U	10 U	1 U	1 U	1 U	1 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	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-01D	MW-01D	MW-01D	MW-01D	MW-01D	MW-01D	MW-01D	MW-01D	MW-01D	MW-01D	MW-01D	MW-01D	MW-01D
Depth Interval	-	-	-	-	-	-	-	-	-	-	-	-	-
Sample Date	5/13/2002	2/3/2004	5/18/2004	8/5/2004	11/16/2004	2/16/2005	4/18/2005	9/7/2005	11/15/2005	4/26/2006	11/14/2006	39203.68056	
Class GA	V-01D_WG_051302	DMW-01D_WG_020304	MW-01D_WG_051804	MW-01D_WG_080504	MW-01D_WG_111604	MW-01D_WG_021605	MW-01D_WG_041805	MW-1D_09072005	MW-1D_11152005	MW-1D_04262006	MW-1D_11142006	MW-1D_050107	
GW Stds	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	
Chemical Name	(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	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	0.5 U	0.5 U	0.5 U	0.5 U	0.5	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	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	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	0.5 U	0.5 U	0.5 U	0.5 U	0.5	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	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	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	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	5 U
Acetone	50	10 U	10 U	1 J	10 U	10 U	2 J	10 U	1.48 J	10 U	10 U	10	10 U
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	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	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	0.5 U
Bromomethane	5	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1	1 U
Carbon disulfide	60	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	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	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	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	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	0.5 U
cis-1,2-Dichloroethene	5	0.5 U	0.5 U	0.1 J	0.5 U	0.5 U	0.5 U	0.1 J	0.5 U	0.11 J	0.12 J	0.13 J	0.11 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	0.5 U	0.5 U	0.5 U	0.5 U	[0.5]	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	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	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	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	10 U
Methylene chloride	5	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	0.16 J	2	2 U
Styrene	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	0.5 U
Tetrachloroethene	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	0.5 U
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	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	0.5 U	0.5 U	0.5 U	0.5 U	0.5	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	0.5 U	0.5 U	0.5 U	0.5 U	[0.5]	0.5 U
Trichloroethene	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	0.5 U
Vinyl chloride	2	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1	1 U
Xylenes, Total	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	1 U	1 U	1	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	Class GA	Location ID	MW-01D	MW-01D	MW-01D	MW-01D	MW-01D	MW-01D	MW-01D	MW-01D	MW-01D	MW-01D	MW-1D	X-1	X-1
		Depth Interval	-	-	-	-	-	-	-	-	-	-	-	-	-
		Sample Date	39384.56944	05/21/2008	11/18/2008	10/19/2009	5/18/2010	1/19/2011	4/18/2011	7/26/2011	10/25/2011	3/20/2012	8/7/2012	8/7/2012	6/10/2014
		Sample ID	MW-1D-102907	MW-1D-052108	MW-1D	W-1D-101909101920	W-1D-051810051820	MW-1D-01192011	MW-1D-041811	MW-1D072611	MW1D102511	MW1D032012	MW1D080712	MW1D080712	MWID061014
		GW Stds	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	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	0.5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,1,2,2-Tetrachloroethane	5		0.5 U	0.5 U	0.5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,1,2-Trichloroethane	1		0.5 U	0.5 U	0.5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,1-Dichloroethane	5		0.5 U	0.5 U	0.5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,1-Dichloroethene	5		0.5 U	0.5 U	0.5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichloroethane	0.6		0.5 U	0.5 U	0.5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichloroethene (Total)	5		---	---	---	---	---	---	---	---	---	---	---	---	---
1,2-Dichloropropane	1		0.5 U	0.5 U	0.5 U	1 U	1 U	1 U	1 U	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	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	5 U
Acetone	50		10 U	10 U	10 U	5 U	5 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Benzene	1		0.5 U	0.5 U	0.5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Bromodichloromethane	50		0.5 U	0.5 U	0.5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Bromoform	50		0.5 U	1 U	1 U	1 U	1 U	1 U	1 U	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	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Carbon disulfide	60		0.5 U	0.5 U	0.5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Carbon tetrachloride	5		0.5 U	0.5 U	0.5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Chlorobenzene	5		0.5 U	0.5 U	0.5 U	1 U	1 U	1 U	1 U	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	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	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
cis-1,2-Dichloroethene	5		0.5 U	0.5 U	0.5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
cis-1,3-Dichloropropene	0.4		0.5 U	0.5 U	0.5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Dibromochloromethane	50		0.5 U	0.5 U	0.5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Ethylbenzene	5		0.5 U	0.5 U	0.5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Methyl chloride	5		1 U	1 U	0.61 J	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	5 U	5 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	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Styrene	5		0.5 U	0.5 U	0.5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Tetrachloroethene	5		0.5 U	0.5 U	0.5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Toluene	5		0.5 U	0.5 U	0.5 U	1 U	1 U	1 U	1 U	1	1 U	1 U	1 U	1 U	1 U
trans-1,2-Dichloroethene	5		0.5 U	0.5 U	0.5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
trans-1,3-Dichloropropene	0.4		0.5 U	0.5 U	0.5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Trichloroethene	5		0.5 U	0.5 U	0.5 U	1 U	1 U	1 U	1 U	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	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Xylenes, Total	5		1 U	1 U	1 U	2 U	2 U	2 U	2 U	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 Stds (ug/l)	Location ID	MW-1D	MW-1D	MW-1D	MW-1D	MW-1D	MW-1D	MW-1D	MW-1D	MW-1D	X-1	MW-1D	MW-1D	
		Depth Interval	Sample Date	Sample ID	MW-1D-121812	MW-1D-052113	MW-1D-081913	MW-1D-121913	MW-1D-032514	MW-1D-060914	MW1D092314	MW 1D 120914	MW1D 031615	MW1D 062315	MW1D 062315
			ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	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 U	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 U	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 U	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 U	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 U	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 U	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	1 U	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	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	5 U
Acetone	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	10 U *
Benzene	1		1 U	1 U	1 U	1 U	1 U	1 U	1 U	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	1 U	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	1 U	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	1 U	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	1 U	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	1 U	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	1 U	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	1 U	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	1 U	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	1 U	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	1 U	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	1 U	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	1 U	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	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	10 U
Methylene 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	1 U
Styrene	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	1 U
Tetrachloroethene	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	1 U
Toluene	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	1 U
trans-1,2-Dichloroethene	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	1 U
trans-1,3-Dichloropropene	0.4		1 U	1 U	1 U	1 U	1 U	1 U	1 U	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	1 U	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	1 U	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	2 U	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 Stds (ug/l)	Location ID	X-1	MW-1D	MW-1D	MW-1D	MW-1D	X-1	MW-1D	MW-1D	MW-1D	MW-1D	MW-1D	MW-1D	
		Depth Interval	Sample Date	Sample ID	Sample ID	Sample ID	Sample ID	Sample ID	Sample ID	Sample ID	Sample ID	Sample ID	Sample ID	Sample ID	Sample ID
			1/12/2016	3/28/2016	6/21/2016	9/20/2016	12/20/2016	12/20/2016	4/11/2017	6/28/2017	9/12/2017	12/19/2017	3/13/2018	6/19/2018	9/18/2018
			MW1D 011216	MW1D 032816	MW1D 062116	MW1D 092016	MW1D 122016	MW1D 122016	MW1D 04112017	MW1D 062817	MW1D 091217	MW1D 121917	MW1D 031318	MW1D 061918	MW1D 091818
			ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	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 U	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 U	1 U	1 U	1 U	1 U	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 U	1 U	1 U	1 U	1 U	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 U	1 U	1 U	1 U	1 U	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 U	1 U	1 U	1 U	1 U	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 U	1 U	1 U	1 U	1 U	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 U	1 U	1 U	1 U	1 U	1 U	1 U	1.0 U	1.0 U	1.0 U	1.0 U
2-Hexanone	50		5 U	5 U	5 U	5 U	5 U	5 U	5 U	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 U	5 U	5 U	5 U	5 U	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	10 U	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	1 U	1 U	1 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromodichloromethane	50		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromoform	50		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromomethane	5		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1.0 U	1.0 U	1.0 U	1.0 U
Carbon disulfide	60		1 U	1 U	1 U	1 U	1 U	1 U	0.22 J	1 U	1 U	1.0 U	1.0 U	1.0 U	1.0 U
Carbon tetrachloride	5		1 U	1 U*	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1.0 U	1.0 U	1.0 U	1.0 U
Chlorobenzene	5		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1.0 U	1.0 U	1.0 U	1.0 U
Chloroethane	5		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1.0 U	1.0 U	1.0 U	1.0 U
Chloroform	7		1 U	1 U	1 U	1 U	1 U	1 U	1 U	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 U	1 U	1 U	1 U	1 U	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 U	1 U	1 U	1 U	1 U	1 U	1 U	1.0 U	1.0 U	1.0 U	1.0 U
Dibromochloromethane	50		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1.0 U	1.0 U	1.0 U	1.0 U
Ethylbenzene	5		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1.0 U	1.0 U	1.0 U	1.0 U
Methyl chloride	5		1 U	1 U	1 U	1 U	1 U	1 U	1 U	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	10 U	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	1 U	1 U	1 U	1.0 U	1.0 U	1.0 U	1.0 U
Styrene	5		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1.0 U	1.0 U	1.0 U	1.0 U
Tetrachloroethene	5		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1.0 U	1.0 U	1.0 U	1.0 U
Toluene	5		1 U	1 U	1 U	1 U	1 U	1 U	1 U	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 U	1 U	1 U	1 U	1 U	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 U	1 U	1 U	1 U	1 U	1 U	1 U	1.0 U	1.0 U	1.0 U	1.0 U
Trichloroethene	5		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1.0 U	1.0 U	1.0 U	1.0 U
Vinyl chloride	2		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1.0 U	1.0 U	1.0 U	1.0 U
Xylenes, Total	5		2 U	2 U	2 U	2 U	2 U	2 U	2 U	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	GW Stds (ug/l)	Location ID	MW-1D	MW-1D	MW-1D	MW-1D	MW-1D	MW-01D	MW-01D	MW-01D	MW-01D
			Depth Interval	Sample Date	Sample ID	Sample ID	Sample ID	Sample ID	Sample ID	Sample ID	Sample ID	Sample ID
				ug/l	ug/l	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 U	1 U	1 U
1,1,2,2-Tetrachloroethane	5			1 U	1 U	1 U	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 U	1 U	1 U
1,1-Dichloroethane	5			1 U	1 U	1 U	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 U	1 U	1 U
1,2-Dichloroethane	0.6			1 U	1 U	1 U	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	1 U	1 U	1 U
2-Hexanone	50			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
Acetone	50			10 U	10 U	10 U	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	1 U	1 U	1 U
Bromodichloromethane	50			1 U	1 U	1 U	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	1 U	1 U	1 U
Bromomethane	5			1 U	1 U	1 U	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	1 U	1 U	1 U
Carbon tetrachloride	5			1 U	1 U	1 U	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	1 U	1 U	1 U
Chloroethane	5			1 U	1 U	1 U	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	1 U	1 U	1 U
cis-1,2-Dichloroethene	5			1 U	1 U	1 U	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	1 U	1 U	1 U
Dibromochloromethane	50			1 U	1 U	1 U	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	1 U	1 U	1 U
Methyl chloride	5			1 U	1 U	1 U	0.47 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	10 U	10 U	10 U
Methylene chloride	5			1 U	1 U	1 U	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	1 U	1 U	1 U
Tetrachloroethene	5			1 U	1 U	1 U*	1 U	1 U*	1 U	1 U	1 U	1 U
Toluene	5			1 U	1 U	1 U	0.79 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	1 U	1 U	1 U
trans-1,3-Dichloropropene	0.4			1 U *	1 U	1 U	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	1 U	1 U	1 U
Vinyl chloride	2			1 U	1 U	1 U	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	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-01S	MW-01S	MW-01S	MW-01S	MW-01S	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	11/26/2001	11/26/2001	2/25/2002	5/13/2002	
Class GA	MW-01S_WG_0911195	MW-01S_WG_111395	MW-01S_WG_072297	MW-01S_WG_091597	MW-01S_WG_021400	MW-01S_WG_081301	MW-01S_WG_112601	V-01S_WG_112601_DM	MW-01S_WG_022502	MW-01S_WG_051302	
GW Stds	ug/l	ug/l	ug/l	ug/l	ug/l	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	0.5 U	0.5 U	0.5 U	0.5 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	0.5 U	0.5 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	0.5 U	0.5 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	0.5 U	0.5 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	0.5 U	0.5 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	0.5 U	0.5 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	0.5 U	0.5 U	0.5 U	0.5 U
2-Hexanone	50	10 U	10 U	2 U	2 U	5 U	1 J	5 U	5 U	5 U	5 U
4-Methyl-2-pentanone	NS	10 U	10 U	2 U	2 U	5 U	5 U	5 U	5 U	5 U	5 U
Acetone	50	10 U	10 U	2 U	2 U	10 U	10 U	10 U	10 U	10 U	10 U
Benzene	1	10 U	10 U	1 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Bromodichloromethane	50	10 U	10 U	1 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Bromoform	50	10 U	10 U	1 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Bromomethane	5	1	10 U	2 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U
Carbon disulfide	60	10 U	10 U	1 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Carbon tetrachloride	5	10 U	10 U	1 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Chlorobenzene	5	10 U	10 U	1 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Chloroethane	5	10 U	10 U	1 U	1 U	1 U	1 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	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	0.2 J
cis-1,3-Dichloropropene	0.4	10 U	10 U	1 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Dibromochloromethane	50	10 U	10 U	1 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Ethylbenzene	5	10 U	10 U	1 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Methyl chloride	5	10 U	10 U	1 U	1 U	1 U	0.3 J	1 U	1 U	1 U	1 U
Methyl ethyl ketone	50	10 U	10 U	4 U	4 U	10 U	5 J	10 U	10 U	10 U	10 U
Methylene chloride	5	12 U	10 U	1 U	1 U	2 U	2 J	2 U	2 U	2 U	2 U
Styrene	5	10 U	10 U	1 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Tetrachloroethene	5	10 U	10 U	1 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Toluene	5	10 U	10 U	1 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
trans-1,2-Dichloroethene	5	---	---	---	---	0.5 U	0.5 U	0.5 U	0.5 U	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	0.5 U	0.5 U	0.5 U	0.5 U
Trichloroethene	5	10 U	10 U	1 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Vinyl chloride	2	10 U	10 U	1 U	1 U	1 U	1 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	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-01S	MW-01S	MW-01S	MW-01S	MW-01S	MW-01S	MW-01S	MW-01S	MW-01S	MW-01S	MW-01S	MW-01S	MW-01S
Depth Interval	-	-	-	-	-	-	-	-	-	-	-	-	-
Sample Date	2/3/2004	5/18/2004	8/5/2004	11/16/2004	2/16/2005	4/18/2005	9/7/2005	11/15/2005	4/26/2006	11/14/2006	05/01/2007	10/29/2007	
Class GA													
Sample ID	MW-01S_WG_020304	MW-01S_WG_051804	MW-01S_WG_080504	MW-01S_WG_111604	MW-01S_WG_021605	MW-01S_WG_041805	MW-1S_09072005	MW-1S_11152005	MW-1S_04262006	MW-1S_11142006	MW-1S_050107	MW-1S-102907	
GW Stds	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	
Chemical Name	(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	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	0.5 U	0.5 U	0.5 U	0.5	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	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	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	0.5 U	0.5 U	0.5 U	0.5	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	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	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	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	5 U	5 U
Acetone	50	10 U	1 J	1 J	10 U	3 J	10 U	2.28 J	10 U	10 U	1.07 J	10 U	1.19 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	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	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	0.5 U	0.5 U
Bromomethane	5	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1	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	0.5 U	0.5 U	0.5 U	0.5	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	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	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	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	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	0.5 U	0.5 U	0.5 U	0.5	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	0.5 U	0.5 U	0.5 U	[0.5]	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	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	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	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	10 U	10 U
Methylene chloride	5	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	0.12 J	2	2 U	0.11 J
Styrene	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	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	0.5 U	0.5 U	0.5 U	0.5	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	0.5 U	0.5 U	0.5 U	0.5	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	0.5 U	0.5 U	0.5 U	0.5	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	0.5 U	0.5 U	0.5 U	[0.5]	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	0.5 U	0.5 U	0.5 U	0.5	0.5 U	0.5 U
Vinyl chloride	2	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1	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	1 U	1 U	1 U	1	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	Class GA	Location ID	MW-01S	MW-01S	MW-01S	MW-01S	MW-01S	MW-01S	MW-01S	MW-01S	MW-01S	MW-01S	MW-1S
		Depth Interval											
		Sample Date	5/21/2008	5/21/2008	11/18/2008	10/19/2009	5/18/2010	1/19/2011	4/18/2011	7/26/2011	10/25/2011	3/20/2012	8/7/2012
	Sample ID	BLI	ND	DUP		W-1S-101909101920	W-1S-051810051820	MW-1S-01192011	MW-1S-041811	MW-1S072611	MW1S102511	MW1S032012	MW1S080712
	GW Stds	ug/l	ug/l	ug/l	ug/l	ug/l	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	0.5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,1,2,2-Tetrachloroethane	5		0.5 U	0.5 U	0.5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,1,2-Trichloroethane	1		0.5 U	0.5 U	0.5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,1-Dichloroethane	5		0.5 U	0.5 U	0.5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,1-Dichloroethene	5		0.5 U	0.5 U	0.5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichloroethane	0.6		0.5 U	0.5 U	0.5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichloroethene (Total)	5		---	---	---	---	---	---	---	---	---	---	---
1,2-Dichloropropane	1		0.5 U	0.5 U	0.5 U	1 U	1 U	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	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
Acetone	50		10 U	10 U	10 U	5 U	5 U	10 U	10 U	10 U	10 U	10 U	10 U
Benzene	1		0.5 U	0.5 U	0.5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Bromodichloromethane	50		0.5 U	0.5 U	0.5 U	1 U	1 U	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	1 U	1 U	1 U	1 U	1 U
Bromomethane	5		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Carbon disulfide	60		0.5 U	0.5 U	0.5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Carbon tetrachloride	5		0.5 U	0.5 U	0.5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Chlorobenzene	5		0.5 U	0.5 U	0.5 U	1 U	1 U	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	1 U	1 U	1 U	1 U	1 U
Chloroform	7		0.5 U	0.5 U	0.5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
cis-1,2-Dichloroethene	5		0.5 U	0.5 U	0.5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
cis-1,3-Dichloropropene	0.4		0.5 U	0.5 U	0.5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Dibromochloromethane	50		0.5 U	0.5 U	0.5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Ethylbenzene	5		0.5 U	0.5 U	0.5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Methyl chloride	5		1 U	1 U	0.69 J	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	5 U	5 U	10 U	10 U	10 U	10 U	10 U	10 U
Methylene chloride	5		2 U	2 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Styrene	5		0.5 U	0.5 U	0.5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Tetrachloroethene	5		0.5 U	0.5 U	0.5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Toluene	5		0.5 U	0.5 U	0.5 U	1.9	1 U	1 U	1 U	0.83 J	1 U	1 U	1 U
trans-1,2-Dichloroethene	5		0.5 U	0.5 U	0.5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
trans-1,3-Dichloropropene	0.4		0.5 U	0.5 U	0.5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Trichloroethene	5		0.5 U	0.5 U	0.5 U	1 U	1 U	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	1 U	1 U	1 U	1 U	1 U
Xylenes, Total	5		1 U	1 U	1 U	0.67 J	2 U	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	Location ID	MW-1S	MW-1S	MW-1S	MW-1S	MW-1S	MW-1S	MW-1S	MW-1S	MW-1S	MW-1S	
		Depth Interval	Sample Date	Sample ID	Sample ID	Sample ID	Sample ID	Sample ID	Sample ID	Sample ID	Sample ID	Sample ID	
GW Stds (ug/l)			12/18/2012	5/21/2013	8/19/2013	12/18/2013	3/25/2014	6/9/2014	9/23/2014	12/9/2014	3/16/2015	6/23/2015	9/21/2015
			MW-1S-121812	MW-1S-052113	MW-1S-081913	MW-1S-121813	MW-1S-032514	MW-1S-060914	MW1S092314	MW 1S 120914	MW1S 031615	MW1S 062315	MW1S 092115
			ug/l	ug/l	ug/l	ug/l	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 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 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 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 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 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 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	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	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
Acetone	50		10 U	10 U	10 U	10 U	10 U	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	1 U	1 U	1 U	1 U	1 U
Bromodichloromethane	50		1 U	1 U	1 U	1 U	1 U	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	1 U	1 U*	1 U	1 U	1 U
Bromomethane	5		1 U	1 U	1 U	1 U	1 U	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	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	1 U	1 U	1 U	1 U	1 U
Chlorobenzene	5		1 U	1 U	1 U	1 U	1 U	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	1 U	1 U	1 U	1 U	1 U
Chloroform	7		1 U	1 U	1 U	1 U	1 U	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	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	1 U	1 U	1 U	1 U	1 U
Dibromochloromethane	50		1 U	1 U	1 U	1 U *	1 U	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	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	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
Methylene chloride	5		1 U	1 U	1 U	1 U	1 U	0.56 JB	1 U	1 U	1 U	1 U	1 U
Styrene	5		1 U	1 U	1 U	1 U	1 U	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	1 U	1 U	1 U	1 U	1 U
Toluene	5		1 U	1 U	1 U	1 U	1 U	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	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	1 U	1 U	1 U	1 U	1 U
Trichloroethene	5		1 U	1 U	1 U	1 U	1 U	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	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	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	Location ID	X-1	MW-1S	MW-1S	MW-1S	X-1	MW-1S	MW-1S	MW-1S	X-1	MW-1S	MW-1S
		Depth Interval											
		Sample Date	9/21/2015	1/12/2016	3/28/2016	6/21/2016	6/21/2016	9/20/2016	12/20/2016	4/11/2017	4/11/2017	6/28/2017	9/12/2017
	Sample ID		MW1S 092115	MW1S 011216	MW1S 032816	MW1S 062116	MW1S 062116	MW1S 092016	MW1S 122016	MW1S 04112017	MW1S 04112017	MW1S 062817	MW1S 091217
GW Stds			ug/l	ug/l	ug/l	ug/l	ug/l	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 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 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 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 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 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 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	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	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
Acetone	50		10 U	10 U *	10 U	10 U	10 U	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	1 U	1 U	1 U	1 U	1 U
Bromodichloromethane	50		1 U	1 U	1 U	1 U	1 U	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	1 U	1 U	1 U	1 U	1 U
Bromomethane	5		1 U	1 U	1 U	1 U	1 U	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	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	1 U	1 U	1 U	1 U	1 U
Chlorobenzene	5		1 U	1 U	1 U	1 U	1 U	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	1 U	1 U	1 U	1 U	1 U
Chloroform	7		1 U	1 U	1 U	1 U	1 U	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	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	1 U	1 U	1 U	1 U	1 U
Dibromochloromethane	50		1 U	1 U	1 U	1 U	1 U	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	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	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
Methylene chloride	5		1 U	1 U	1 U	1 U	1 U	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	1 U	1 U	1 U	1 U	1 U
Tetrachloroethene	5		1 U	1 U	1 U	1 U	1 U	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	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	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	1 U	1 U	1 U	1 U	1 U
Trichloroethene	5		1 U	1 U	1 U	1 U	1 U	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	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	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	Location ID Depth Interval Sample Date	MW-1S	MW-01S	MW-1S	MW-1S	MW-1S	MW-1S	MW-1S	MW-1S	MW-01S	MW-01S	MW-01S	MW-01S
			MW1S 121917	MW 1S 031318	MW1S 061918	MW1S 091818	MW-1S-112718	MW-1S-031819	MW-1S-062019	MW-1S-092419	MW-1S-121819	MW 1S 031720	MW1S 061620	MW1S 092220
GW Stds (ug/l)			ug/l	ug/l	ug/l	ug/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	2 U	2 U	1 U	2 U	1 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	2 U	2 U	1 U	2 U	1 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	2 U	2 U	1 U	2 U	1 U	1.0 U	1 U	1 U
1,1-Dichloroethane	5		1.0 U	1.0 U	1.0 U	1.0 U	2 U	2 U	1 U	2 U	1 U	1.0 U	1 U	1 U
1,1-Dichloroethene	5		1.0 U	1.0 U	1.0 U	1.0 U	2 U	2 U	1 U	2 U	1 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	2 U	2 U	1 U	2 U	1 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	2 U	2 U	1 U	2 U	1 U	1.0 U	1 U	1 U
2-Hexanone	50		5.0 U	5.0 U	5.0 U	5.0 U	10 U *	10 U	5 U	10 U	5 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*	10 U	10 U	5 U	10 U	5 U	5.0 U	5 U	5 U
Acetone	50		10 U	10 U	10 U	10 U	20 U	20 U	10 U	20 U	10 U	10 U	10 U	10 U
Benzene	1		1.0 U	1.0 U	1.0 U	1.0 U	2 U	2 U	1 U	2 U	1 U	1.0 U	1 U	1 U
Bromodichloromethane	50		1.0 U	1.0 U	1.0 U	1.0 U	2 U	2 U	1 U	2 U	1 U	1.0 U	1 U	1 U
Bromoform	50		1.0 U	1.0 U	1.0 U	1.0 U	2 U	2 U	1 U	2 U	1 U	1.0 U	1 U	1 U
Bromomethane	5		1.0 U	1.0 U	1.0 U	1.0 U	2 U	2 U	1 U	2 U	1 U	1.0 U	1 U	1 U
Carbon disulfide	60		1.0 U	1.0 U	1.0 U	1.0 U	2 U	2 U	1 U	2 U	1 U	1.0 U	1 U	1 U
Carbon tetrachloride	5		1.0 U	1.0 U	1.0 U	1.0 U	2 U	2 U	1 U	2 U	1 U	1.0 U	1 U	1 U
Chlorobenzene	5		1.0 U	1.0 U	1.0 U	1.0 U	2 U	2 U	1 U	2 U	1 U	1.0 U	1 U	1 U
Chloroethane	5		1.0 U	1.0 U	1.0 U	1.0 U	2 U	2 U	1 U	2 U	1 U	1.0 U	1 U	1 U
Chloroform	7		1.0 U	1.0 U	1.0 U	1.0 U	2 U	2 U	1 U	2 U	1 U	1.0 U	1 U	1 U
cis-1,2-Dichloroethene	5		1.0 U	1.0 U	1.0 U	1.0 U	2 U	2 U	1 U	2 U	1 U	1.0 U	1 U	1 U
cis-1,3-Dichloropropene	0.4		1.0 U	1.0 U	1.0 U	1.0 U	2 U *	2 U	1 U	2 U	1 U	1.0 U	1 U	1 U
Dibromochloromethane	50		1.0 U	1.0 U	1.0 U	1.0 U	2 U	2 U	1 U	2 U	1 U	1.0 U	1 U	1 U
Ethylbenzene	5		1.0 U	1.0 U	1.0 U	1.0 U	2 U	2 U	1 U	2 U	1 U	1.0 U	1 U	1 U
Methyl chloride	5		1.0 U	1.0 U	1.0 U	1.0 U	2 U	2 U	1 U	2 U	1 U	1.0 U	1 U	1 U
Methyl ethyl ketone	50		10 U	10 U	10 U	10 U	20 U	20 U	10 U	20 U	10 U	10 U	10 U	10 U
Methylene chloride	5		1.0 U	1.0 U	1.0 U	0.44 J	0.94 J	2 U	1 U	2 U	1 U	1.0 U	1 U	1 U
Styrene	5		1.0 U	1.0 U	1.0 U	1.0 U	2 U	2 U	1 U	2 U	1 U	1.0 U	1 U	1 U
Tetrachloroethene	5		1.0 U	1.0 U	1.0 U	1.0 U	2 U	2 U	1 U	2 U	1 U	1.0 U	1 U	1 U
Toluene	5		1.0 U	1.0 U	1.0 U	1.0 U	2 U	2 U	1 U	2 U	1 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	2 U	2 U	1 U	2 U	1 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	2 U *	2 U	1 U	2 U	1 U	1.0 U	1 U	1 U
Trichloroethene	5		1.0 U	1.0 U	1.0 U	1.0 U	2 U	2 U	1 U	2 U	1 U	1.0 U	1 U	1 U
Vinyl chloride	2		1.0 U	1.0 U	1.0 U	1.0 U	2 U	2 U	1 U	2 U	1 U	1.0 U	1 U	1 U
Xylenes, Total	5		2.0 U	2.0 U	2.0 U	2.0 U	4 U	4 U	2 U	4 U	2 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

Chemical Name	Class GA	Location ID	MW-04D	MW-04D	MW-04D	MW-04D	MW-04D	MW-04D	MW-04D	MW-04D	MW-04D	MW-04D	MW-04D	
GW Stds (ug/l)	Sample ID	Depth Interval	Sample Date	MW-04D_WG_091495	MW-04D_WG_111395	MW-04D_WG_072497	MW-04D_WG_072497_DM	MW-04D_WG_091797	MW-04D_WG_02170C	MW-04D_WG_081501	MW-04D_WG_112901	MW-04D_WG_022802	MW-04D_WG_051402	MW-04D_WG_073003
(ug/l)				ug/l	ug/l	ug/l	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	[11]	0.6	2	2	2	0.5 U
1,1,2,2-Tetrachloroethane	5			10 U	10 U	1 U	1 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1,2-Trichloroethane	1			10 U	10 U	1 U	1 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1-Dichloroethane	5			3	2	3.2	3.4	3.5	[30]	4	[14]	[18]	[19]	0.8
1,1-Dichloroethene	5			10 U	10 U	1 U	1 U	1 U	0.7	0.5 U	0.2 J	0.2 J	0.2 J	0.5 U
1,2-Dichloroethane	0.6			10 U	10 U	1 U	1 U	1 U	0.2 J	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
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	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
2-Hexanone	50			10 U	10 U	2 U	2 U	2 U	5 U	5 U	5 U	5 U	5 U	5 U
4-Methyl-2-pentanone	NS			10 U	10 U	2 U	2 U	2 U	5 U	5 U	5 U	5 U	5 U	5 U
Acetone	50			10 U	10 U	2 U	2 U	2 U	10 U	10 U	10 U	10 U	10 U	1 J
Benzene	1			10 U	10 U	1 U	1 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Bromodichloromethane	50			10 U	10 U	1 U	1 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Bromoform	50			10 U	10 U	1 U	1 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Bromomethane	5			10 U	10 U	2 U	2 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U
Carbon disulfide	60			10 U	10 U	1 U	1 U	1 U	0.5 U	0.5 U	0.1 J	0.5 U	0.5 U	0.5 U
Carbon tetrachloride	5			10 U	10 U	1 U	1 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Chlorobenzene	5			10 U	10 U	1 U	1 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Chloroethane	5			10 U	10 U	1 U	1 U	1 U	0.5 J	1 U	0.4 J	0.5 J	0.5 J	1 U
Chloroform	7			10 U	10 U	1 U	1 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
cis-1,2-Dichloroethene	5			---	---	---	---	---	[11]	0.8	2	3	3	0.9
cis-1,3-Dichloropropene	0.4			10 U	10 U	1 U	1 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Dibromochloromethane	50			10 U	10 U	1 U	1 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Ethylbenzene	5			10 U	10 U	1 U	1 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Methyl chloride	5			10 U	10 U	1 U	1 U	1 U	0.2 J	1 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	10 U	10 U	10 U	10 U	10 U
Methylene chloride	5			10 U	10 U	1 U	1 U	1 U	2 U	2 U	2 U	2 U	2 U	2 U
Styrene	5			10 U	10 U	1 U	1 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Tetrachloroethene	5			10 U	10 U	1 U	1 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Toluene	5			10 U	10 U	1 U	1 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
trans-1,2-Dichloroethene	5			---	---	---	---	---	0.9	0.5 U	0.3 J	0.3 J	0.3 J	0.5 U
trans-1,3-Dichloropropene	0.4			10 U	10 U	1 U	1 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Trichloroethene	5			10 U	10 U	1 U	1 U	1 U	0.4 J	0.5 U	0.1 J	0.1 J	0.1 J	0.5 U
Vinyl chloride	2			10 U	10 U	[2.4]	[2.6]	[3.1]	[20]	1	[5]	[6]	[7]	1
Xylenes, Total	5			10 U	10 U	1 U	1 U	1 U	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	Class GA	Location ID	MW-04D	MW-04D	MW-04D	MW-04D	MW-04D	MW-04D	MW-04D	MW-04D	MW-04D	MW-04D
		Depth Interval										
		Sample Date	2/5/2004	5/19/2004	8/5/2004	11/17/2004	2/15/2005	4/20/2005	9/7/2005	11/16/2005	4/27/2006	11/15/2006
	Sample ID	MW-04D_WG_020504	MW-04D_WG_051904	MW-04D_WG_080504	MW-04D_WG_111704	MW-04D_WG_021505	MW-04D_WG_042005	MW-4D_09072005	MW-4D_11162005	MW-4D_04272006	MW-4D_11152006	MW-4D_050307
	GW Stds	ug/l	ug/l	ug/l	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	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5	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	0.5 U	0.5 U	0.5 U	0.5	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	0.5 U
1,1-Dichloroethane	5	0.5	0.3 J	0.3 J	0.3 J	0.3 J	0.2 J	0.23 J	0.34 J	0.21 J	0.5	0.11 J
1,1-Dichloroethene	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	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	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	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	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	5 U
Acetone	50	10 U	10 U	2 J	10 U	3 J	10 U	1.44 J	10 U	1.18 J	10	10 U
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	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	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	0.5 U
Bromomethane	5	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1	1 U
Carbon disulfide	60	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.14 J	0.5	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	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	0.5 U
Chloroethane	5	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1	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	0.5 U
cis-1,2-Dichloroethene	5	0.8	0.4 J	0.3 J	0.4 J	0.5 J	0.2 J	0.31 J	0.42 J	0.58	0.5	0.13 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	0.5 U	0.5 U	0.5 U	[0.5]	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	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	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	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	10 U
Methylene chloride	5	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2	2 U
Styrene	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	0.5 U
Tetrachloroethene	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	0.5 U
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	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	0.5 U	0.5 U	0.5 U	0.5	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	0.5 U	0.5 U	0.5 U	[0.5]	0.5 U
Trichloroethene	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	0.18 J	0.5	0.5 U
Vinyl chloride	2	0.8 J	0.6 J	0.4 J	0.4 J	0.5 J	0.2 J	1 U	0.46 J	0.12 J	1	1 U
Xylenes, Total	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	1 U	1 U	1	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	Class GA	Location ID	MW-04D	MW-04D	MW-04D	MW-04D	MW-04D	MW-04D	MW-04D	MW-04D	MW-04D	MW-04D	MW-04D
		Depth Interval											
		Sample Date	10/31/2007	5/23/2008	11/19/2008	10/21/2009	5/19/2010	1/20/2011	4/21/2011	7/28/2011	10/26/2011	3/22/2012	8/9/2012
	Sample ID		MW 4-D-103107	MW-4D-052208	MW-4D	W-4D-102109102120	W-4D-051910051920	MW-4D-01202011	MW-4D-042111	MW-4D 072811	MW4D102611	MW4D032212	MW4D080912
	GW Stds		ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l
	(ug/l)												
1,1,1-Trichloroethane	5		0.5 HU	0.5 U	0.5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,1,2,2-Tetrachloroethane	5		0.5 HU	0.5 U	0.5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,1,2-Trichloroethane	1		0.5 HU	0.5 U	0.5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,1-Dichloroethane	5		0.5 HU	0.5 U	0.5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,1-Dichloroethene	5		0.5 HU	0.5 U	0.5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichloroethane	0.6		0.5 HU	0.5 U	0.5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichloroethene (Total)	5		---	---	---	---	---	---	---	---	---	---	---
1,2-Dichloropropane	1		0.5 HU	0.5 U	0.5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
2-Hexanone	50		5 HU	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 HU	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Acetone	50		10 HU	10 U	10 U	5 U	5 U	10 U	10 U	10 U	10 U	10 U	10 U
Benzene	1		0.5 HU	0.5 U	0.5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Bromodichloromethane	50		0.5 HU	0.5 U	0.5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Bromoform	50		0.5 HU	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Bromomethane	5		1 HU	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Carbon disulfide	60		0.5 HU	0.5 U	0.5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Carbon tetrachloride	5		0.5 HU	0.5 U	0.5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Chlorobenzene	5		0.5 HU	0.5 U	0.5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Chloroethane	5		1 HU	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Chloroform	7		0.5 HU	0.5 U	0.5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
cis-1,2-Dichloroethene	5		0.16 JH	0.5 U	0.12 J	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
cis-1,3-Dichloropropene	0.4		0.5 HU	0.5 U	0.5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Dibromochloromethane	50		0.5 HU	0.5 U	0.5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Ethylbenzene	5		0.5 HU	0.5 U	0.5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Methyl chloride	5		1 HU	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 HU	10 U	10 U	5 U	5 U	10 U	10 U	10 U	10 U	10 U	10 U
Methylene chloride	5		2 HU	2 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Styrene	5		0.5 HU	0.5 U	0.5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Tetrachloroethene	5		0.5 HU	0.5 U	0.5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Toluene	5		0.5 HU	0.5 U	0.5 U	1.9	1 U	1 U	1 U	1 U	1 U	1 U	1 U
trans-1,2-Dichloroethene	5		0.5 HU	0.5 U	0.5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
trans-1,3-Dichloropropene	0.4		0.5 HU	0.5 U	0.5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Trichloroethene	5		0.5 HU	0.5 U	0.5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Vinyl chloride	2		1 HU	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Xylenes, Total	5		1 HU	1 U	1 U	0.67 J	2 U	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	Location ID	MW-4D	MW-4D	MW-4D	MW-4D	MW-4D	MW-4D	MW-4D	MW-4D	MW-4D	MW-4D	MW-4D
(ug/l)	Sample ID	Depth Interval	Sample Date	Sample Date	Sample Date	Sample Date	Sample Date	Sample Date	Sample Date	Sample Date	Sample Date	Sample Date	Sample Date
GW Stds	Sample ID	Sample Date	MW-4D-122012	MW-4D-052213	MW-4D-082113	MW-4D-121913	MW-4D-032714	MW-4D-061014	MW 4D 092514	MW 4D 120914	MW4D 031715	MW4D 062315	MW4D 092215
(ug/l)	Sample ID	Sample Date	Sample Date	Sample Date	Sample Date	Sample Date	Sample Date	Sample Date	Sample Date	Sample Date	Sample Date	Sample Date	Sample Date
1,1,1-Trichloroethane	5		1 U	1 U	1 U	1 U	1 U	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 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 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 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 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 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	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	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
Acetone	50		10 U	10 U	10 U	10 U	10 U	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	1 U	1 U	1 U	1 U	1 U
Bromodichloromethane	50		1 U	1 U	1 U	1 U	1 U	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	1 U	1 U*	1 U	1 U	1 U
Bromomethane	5		1 U	1 U	1 U	1 U	1 U	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	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	1 U	1 U	1 U	1 U	1 U
Chlorobenzene	5		1 U	1 U	1 U	1 U	1 U	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	1 U	1 U	1 U	1 U	1 U
Chloroform	7		1 U	1 U	1 U	1 U	1 U	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	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	1 U	1 U	1 U	1 U	1 U
Dibromochloromethane	50		1 U	1 U	1 U	1 U	1 U	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	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	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
Methylene chloride	5		1 U	1 U	1 U	1 U	1 U	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	1 U	1 U	1 U	1 U	1 U
Tetrachloroethene	5		1 U	1 U	1 U	1 U	1 U	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	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	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	1 U	1 U	1 U	1 U	1 U
Trichloroethene	5		1 U	1 U	1 U	1 U	1 U	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	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	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	Location ID	MW-4D	MW-4D	MW-4D	MW-4D	MW-4D	MW-4D	MW-4D	MW-4D	MW-4D	MW-4D	MW-4D	
(ug/l)		Depth Interval	Sample Date	Sample ID	Sample ID	Sample ID	Sample ID	Sample ID	Sample ID	Sample ID	Sample ID	Sample ID	Sample ID	
			1/12/2016	MW4D 011216	MW-4D-033016	MW-4D-062116	MW-4D-092016	MW-4D-122116	MW-4D-041317	MW-4D-062817	MW-4D-091417	MW-4D-122117	MW 4D 031518	
			ug/l	ug/l	ug/l	ug/l	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 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 U	1 U	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 U	1 U	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 U	1 U	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 U	1 U	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 U	1 U	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 U	1 U	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 U	5 U	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 U	5 U	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	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	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 U	1 U	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 U	1 U	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 U	1 U	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 U	1 U	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 U	1 U	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 U	1 U	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 U	1 U	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 U	1 U	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 U	1 U	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 U	1 U	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 U	1 U	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 U	1 U	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 U	1 U	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	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	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 U	1 U	1 U	1 U	1 U	1 U	1.0 U	1.0 U
Tetrachloroethene	5		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1.0 U	1.0 U
Toluene	5		1 U	1 U	1 U	1 U	1 U	1 U	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 U	1 U	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 U	1 U	1 U	1 U	1 U	1 U	1.0 U	1.0 U
Trichloroethene	5		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1.0 U	1.0 U
Vinyl chloride	2		1 U	1 U	1 U	1 U	1 U	1 U	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 U	2 U	2 U	2 U	2 U	2 U	2.0 U	2.0 U

NOTES:
 U - not detected, J - estimated, D - Diluted Result, H - Holding time exceeded, R - unusable, NS - no standard, Dup - duplicate sample, --- Not analyzed, F - MS and/or MSD recovery/RPD exceeds the control limits
 [] - Exceeds NYS Class GA Ground Water 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-4D	MW-4D	MW-4D	MW-4D	MW-4D	MW-4D	MW-4D	MW-04D	MW-04D	MW-04D	MW-04D
Depth Interval	-	-	-	-	-	-	-	-	--	--	--
Sample Date	9/19/2018	11/29/2018	3/20/2019	6/21/2109	9/25/2019	12/18/2019	3/19/2020	6/17/2020	9/23/2020	12/15/2020	
Class GA	MW-4D-091918	MW-4D-112918	MW-4D-032019	MW-4D-062119	MW-4D-092519	MW-4D-121819	MW 4D 031920	MW4D061720	MW4D092320	MW4D121520	
GW Stds	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/L	ug/L	ug/L	
Chemical Name	(ug/l)										
1,1,1-Trichloroethane	5	1.0 U	1 U	1 U	1 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 U	1 U	1 U	
1,1,2-Trichloroethane	1	1.0 U	1 U	1 U	1 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 U	1 U	1 U	
1,1-Dichloroethene	5	1.0 U	1 U	1 U	1 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 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	1 U	1 U	1 U	
2-Hexanone	50	5.0 U	5 U	5 U	5 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	5 U	5 U	5 U	
Acetone	50	10 U	10 U	10 U	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	1 U	1 U	1 U	
Bromodichloromethane	50	1.0 U	1 U	1 U	1 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	1 U *	1 U	1 U	
Bromomethane	5	1.0 U	1 U	1 U	1 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	1 U	1 U	1 U	
Carbon tetrachloride	5	1.0 U	1 U	1 U	1 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	1 U	1 U	1 U	
Chloroethane	5	1.0 U	1 U	1 U	1 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	1 U	1 U	1 U	
cis-1,2-Dichloroethene	5	1.0 U	1 U	1 U	1 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	1 U	1 U	1 U	
Dibromochloromethane	50	1.0 U	1 U	1 U	1 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	1 U	1 U	1 U	
Methyl chloride	5	1.0 U	1 U	1 U	1 U	0.58 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	10 U	10 U	10 U	
Methylene chloride	5	1.0 U	1 U	1 U	1 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	1 U	1 U	1 U	
Tetrachloroethene	5	1.0 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	
Toluene	5	1.0 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	
trans-1,2-Dichloroethene	5	1.0 U	1 U	1 U	1 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	1 U	1 U	1 U	
Trichloroethene	5	1.0 U	1 U	1 U	1 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	1 U	1 U	1 U	
Xylenes, Total	5	2.0 U	2 U	2 U	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	Location ID	MW-04S	MW-04S	MW-04S	MW-04S	MW-04S	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	8/15/2001	11/29/2001	2/28/2002	5/14/2002	7/31/2003
		Sample ID	MW-04S_WG_091495	MW-04S_WG_111395	MW-04S_WG_072497	MW-04S_WG_091797	V-04S_WG_091797_DM	MW-04S_WG_021700	MW-04S_WG_081501	MW-04S_WG_112901	MW-04S_WG_022802	MW-04S_WG_051402	MW-04S_WG_073103
		GW Stds	ug/l	ug/l	ug/l	ug/l	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	1 U	0.2 J	0.5 U	0.2 J	0.1 J	0.2 J	0.5 U
1,1,2,2-Tetrachloroethane	5		10 U	10 U	1 U	1 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1,2-Trichloroethane	1		10 U	10 U	1 U	1 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1-Dichloroethane	5		10 U	10 U	1 U	1 U	1 U	0.4 J	0.3 J	0.4 J	0.3 J	0.5 J	0.2 J
1,1-Dichloroethene	5		10 U	10 U	1 U	1 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,2-Dichloroethane	0.6		10 U	10 U	1 U	1 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 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	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
2-Hexanone	50		10 U	10 U	2 U	2 U	2 U	5 U	5 U	5 U	5 U	5 U	5 U
4-Methyl-2-pentanone	NS		10 U	10 U	2 U	2 U	2 U	5 U	5 U	5 U	5 U	5 U	5 U
Acetone	50		10 U	10 U	2 U	2 U	2 U	10 U	10 J	10 U	10 U	10 U	1 J
Benzene	1		10 U	10 U	1 U	1 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.1 J
Bromodichloromethane	50		10 U	10 U	1 U	1 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Bromoform	50		10 U	10 U	1 U	1 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Bromomethane	5		10 U	10 U	2 U	2 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U
Carbon disulfide	60		10 U	10 U	1 U	1 U	1 U	0.5 U	0.5 U	0.2 J	0.5 U	0.5 U	0.5 U
Carbon tetrachloride	5		10 U	10 U	1 U	1 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Chlorobenzene	5		10 U	10 U	1 U	1 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Chloroethane	5		10 U	10 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Chloroform	7		10 U	10 U	1 U	1 U	1 U	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	0.1 J	0.5 U	0.5 U	0.5 U	0.1 J
cis-1,3-Dichloropropene	0.4		10 U	10 U	1 U	1 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Dibromochloromethane	50		10 U	10 U	1 U	1 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Ethylbenzene	5		10 U	10 U	1 U	1 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.1 J
Methyl chloride	5		10 U	10 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	4 U	4 U	4 U	10 U	10 U	10 U	10 U	10 U	10 U
Methylene chloride	5		10 U	10 U	1 U	1 U	1 U	2 U	2 U	2 U	2 U	2 U	2 U
Styrene	5		10 U	10 U	1 U	1 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Tetrachloroethene	5		10 U	10 U	1 U	1 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Toluene	5		10 U	10 U	1 U	1 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.6
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		10 U	10 U	1 U	1 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Trichloroethene	5		10 U	10 U	1 U	1 U	1 U	0.2 J	0.5 U	0.1 J	0.1 J	0.2 J	0.5 U
Vinyl chloride	2		10 U	10 U	1 U	1 U	1 U	1 U	1 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	0.5 U	0.5 U	0.5 U	0.5 U	0.5

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	Location ID	MW-04S	MW-04S	MW-04S	MW-04S	MW-04S	MW-04S	MW-04S	MW-04S	MW-04S	MW-04S
		Depth Interval	-	-	-	-	-	-	-	-	-	-
		Sample Date	2/6/2004	5/19/2004	8/5/2004	11/17/2004	2/15/2005	4/19/2005	9/7/2005	11/16/2005	4/27/2006	11/16/2006
	Sample ID	MW-04S_WG_020604	MW-04S_WG_051904	MW-04S_WG_080504	MW-04S_WG_111704	MW-04S_WG_021505	MW-04S_WG_041905	MW-4S_09072005	MW-4S_11162005	MW-4S_04272006	MW-4S_11162006	MW-4S_050307
	GW Stds	ug/l	ug/l	ug/l	ug/l	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	0.5 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 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
1,1-Dichloroethane	5		0.1 J	0.5 U	0.2 J	0.2 J	0.2 J	0.2 J	0.18 J	0.11 J	0.5 U	0.15 J
1,1-Dichloroethene	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
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
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
2-Hexanone	50		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
Acetone	50		1 J	1 J	10 U	1 J	3 J	10 U	2.61 J	10 U	10 U	1.07 J
Benzene	1		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	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
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
Bromomethane	5		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Carbon disulfide	60		0.5 U	0.5 U	0.5 U	0.1 J	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	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
Chloroethane	5		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
cis-1,2-Dichloroethene	5		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.11 J	0.5 U	0.1 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	0.5 U	0.5 U	0.5 U	[0.5]
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
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
Methyl chloride	5		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
Methylene chloride	5		2 U	2 U	2 U	2 U	2 U	2 U	2 U	0.12 J	2 U	2 U
Styrene	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
Tetrachloroethene	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
Toluene	5		0.3 J	0.5 U	0.5 U	0.4 J	0.5 U	0.5 U	0.13 J	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	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	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	0.5 U	0.5 U	0.5 U	[0.5]
Vinyl chloride	2		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Xylenes, Total	5		0.2 J	0.5 U	0.5 U	0.4 J	0.5 U	0.5 U	0.1 J	1 U	1 U	1 U

NOTES:
 U - not detected, J - estimated, D - Diluted Result, H - Holding time exceeded, R - unusable, NS - no standard, Dup - duplicate sample, --- Not analyzed, F - MS and/or MSD recovery/RPD exceeds the control limits
 [] - Exceeds NYS Class GA Ground Water 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	Location ID	MW-04S	MW-04S	MW-04S	MW-04S	MW-04S	MW-04S	MW-04S	MW-04S	MW-04S	MW-04S	MW-4S
		Depth Interval											
		Sample Date	10/31/2007	5/22/2008	11/18/2008	10/21/2009	5/19/2010	1/20/2011	4/21/2011	7/28/2011	10/27/2011	3/22/2012	8/9/2012
	Sample ID		MW 4-S-103107	MW-4S-052208	MW-4S	W-4S-102109102120	W-4S-051910051920	MW-4S-01202011	MW-4S-042111	MW-4S 072811	MW4S102711	MW4S032212	MW4S080912
	GW Stds		ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l
	(ug/l)												
1,1,1-Trichloroethane	5		0.5 HU	0.5 U	0.5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,1,2,2-Tetrachloroethane	5		0.5 HU	0.5 U	0.5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,1,2-Trichloroethane	1		0.5 HU	0.5 U	0.5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,1-Dichloroethane	5		0.11 JH	0.5 U	0.18 J	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,1-Dichloroethene	5		0.5 HU	0.5 U	0.5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichloroethane	0.6		0.5 HU	0.5 U	0.5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichloroethene (Total)	5		---	---	---	---	---	---	---	---	---	---	---
1,2-Dichloropropane	1		0.5 HU	0.5 U	0.5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
2-Hexanone	50		5 HU	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 HU	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Acetone	50		1.28 JH	10 U	10 U	5 U	5 U	10 U	10 U	10 U	10 U	3.4 J	10 U
Benzene	1		0.5 HU	0.5 U	0.5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Bromodichloromethane	50		0.5 HU	0.5 U	0.5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Bromoform	50		0.5 HU	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Bromomethane	5		1 HU	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Carbon disulfide	60		0.11 JH	0.5 U	0.5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Carbon tetrachloride	5		0.5 HU	0.5 U	0.5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Chlorobenzene	5		0.5 HU	0.5 U	0.5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Chloroethane	5		1 HU	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Chloroform	7		0.5 HU	0.5 U	0.5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
cis-1,2-Dichloroethene	5		0.5 HU	0.5 U	0.5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
cis-1,3-Dichloropropene	0.4		0.5 HU	0.5 U	0.5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Dibromochloromethane	50		0.5 HU	0.5 U	0.5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Ethylbenzene	5		0.5 HU	0.5 U	0.5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Methyl chloride	5		1 HU	1 U	1 U	1 U	1 U	0.55 J	1 U	1 U	1 U	1 U	1 U
Methyl ethyl ketone	50		10 HU	10 U	10 U	5 U	5 U	10 U	10 U	10 U	10 U	10 U	10 U
Methylene chloride	5		2 HU	2 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Styrene	5		0.5 HU	0.5 U	0.5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Tetrachloroethene	5		0.5 HU	0.5 U	0.5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Toluene	5		0.5 HU	0.5 U	0.5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
trans-1,2-Dichloroethene	5		0.5 HU	0.5 U	0.5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
trans-1,3-Dichloropropene	0.4		0.5 HU	0.5 U	0.5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Trichloroethene	5		0.5 HU	0.5 U	0.5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Vinyl chloride	2		1 HU	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Xylenes, Total	5		1 HU	1 U	1 U	2 U	2 U	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	Location ID	MW-4S	MW-4S	MW-4S	MW-4S	MW-4S	MW-4S	MW-4S	MW-4S	MW-4S	MW-4S	
		Depth Interval	-	-	-	-	-	-	-	-	-	-	
		Sample Date	12/20/2012	5/22/2013	8/22/2013	12/19/2013	3/27/2014	6/11/2014	9/24/2014	12/10/2014	3/18/2015	6/25/2015	9/23/2015
		Sample ID	MW-4S-122012	MW-4S-052213	MW-4S-082213	MW-4S-121913	MW-4S-032714	MW-4S-061114	MW-4S-092414	MW 4S 121014	MW4S031815	MW4S062515	MW4S 092315
GW Stds	ug/l	ug/l	ug/l	ug/l	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 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 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 U	1 U	1 U	1 U	
1,1-Dichloroethane	5	1 U	1 U	1 U	1 U	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 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 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	---	1 U	1 U	1 U	1 U	
2-Hexanone	50	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	
Acetone	50	10 U	10 U	10 U	10 U	10 U	3.2 J	---	10 U	10 U	10 U	10 U	
Benzene	1	1 U	1 U	1 U	1 U	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	---	1 U	1 U	1 U	1 U	
Bromoform	50	1 U	1 U	1 U	1 U	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	---	1 U	1 U	1 U	1 U	
Carbon disulfide	60	1 U	1 U	1 U	1 U	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	---	1 U	1 U	1 U	1 U	
Chlorobenzene	5	1 U	1 U	1 U	1 U	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	---	1 U	1 U	1 U	1 U	
Chloroform	7	1 U	1 U	1 U	1 U	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	---	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	---	1 U	1 U	1 U	1 U	
Dibromochloromethane	50	1 U	1 U	1 U	1 U	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	---	1 U	1 U	1 U	1 U	
Methyl chloride	5	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	
Methylene chloride	5	1 U	1 U	1 U	1 U	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	---	1 U	1 U	1 U	1 U	
Tetrachloroethene	5	1 U	1 U	1 U	1 U	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	---	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	---	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	---	1 U	1 U	1 U	1 U	
Trichloroethene	5	1 U	1 U	1 U	1 U	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	---	1 U	1 U	1 U	1 U	
Xylenes, Total	5	2 U	2 U	2 U	2 U	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	Location ID	MW-4S	MW-4S	MW-4S	MW-4S	MW-4S	MW-4S	MW-4S	MW-4S	MW-4S	MW-4S	MW-4S	
(ug/l)		Depth Interval	Sample Date	Sample ID	Sample ID	Sample ID	Sample ID	Sample ID	Sample ID	Sample ID	Sample ID	Sample ID	Sample ID	
			1/13/2016	MW4S 011316	MW-4S-033016	MW-4S-062116	MW-4S-092116	MW-4S-122116	MW-4S-041317	MW-4S-062817	MW-4S-091417	MW-4S-122117	MW 4S 031518	
			ug/l	ug/l	ug/l	ug/l	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 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 U	1 U	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 U	1 U	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 U	1 U	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 U	1 U	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 U	1 U	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 U	1 U	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 U	5 U	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 U	5 U	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	10 U	3.5 J	10 U	10 U	10 U	10 U
Benzene	1		1 U	1 U	1 U	1 U	1 U	1 U	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 U	1 U	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 U	1 U	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 U	1 U	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 U	1 U	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 U	1 U	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 U	1 U	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 U	1 U	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 U	1 U	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	1.1	1 U	1 U	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 U	1 U	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 U	1 U	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 U	1 U	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 U	1 U	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	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	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 U	1 U	1 U	1 U	1 U	1 U	1.0 U	1.0 U
Tetrachloroethene	5		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1.0 U	1.0 U
Toluene	5		1 U	1 U	1 U	1 U	1 U	1 U	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 U	1 U	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 U	1 U	1 U	1 U	1 U	1 U	1.0 U	1.0 U
Trichloroethene	5		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1.0 U	1.0 U
Vinyl chloride	2		1 U	1 U	1 U	1 U	1 U	1 U	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 U	2 U	2 U	2 U	2 U	2 U	2.0 U	2.0 U

NOTES:
 U - not detected, J - estimated, D - Diluted Result, H - Holding time exceeded, R - unusable, NS - no standard, Dup - duplicate sample, --- Not analyzed, F - MS and/or MSD recovery/RPD exceeds the control limits
 [] - Exceeds NYS Class GA Ground Water 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	Location ID	MW-4S	MW-4S	MW-4S	MW-4S	MW-4S	MW-4S	MW-04S	MW-04S	MW-04S	MW-04S
		Depth Interval										
		Sample Date	9/19/2018	11/27/2018	3/20/2019	6/21/2019	9/25/2019	12/19/2019	3/19/2020	6/17/2020	9/23/2020	12/15/2020
	Sample ID		MW-4S-091918	MW-4D-091918	MW-4D-032019	MW-4S-062119	MW-4S-092519	MW-4S-121919	MW 4S 031920	MW4S061720	MW4S092320	MW4S121520
	GW Stds		ug/l	ug/l	ug/l	ug/l	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	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		NOT SAMPLED	NOT SAMPLED	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	NOT SAMPLED	NOT SAMPLED
Carbon disulfide	60				1 U	1 U	0.59 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 U	1 U	1 U	1 U		
cis-1,3-Dichloropropene	0.4				1 U	1 U	1 U	1 U	1 U	1 U		
Dibromochloromethane	50				1 U	1 U	1 U	1 U	1 U *	1 U		
Ethylbenzene	5				1 U	1 U	1 U	1 U	1 U	1 U		
Methyl chloride	5				1 U	1 U	1 U	1 U	1 U	1 U		
Methyl ethyl ketone	50				10 U	10 U	10 U	10 U	10 U	10 U		
Methylene chloride	5				1 U	1 U	1 U	1 U	1 U	1 U		
Styrene	5				1 U	1 U	1 U	1 U	1 U	1 U		
Tetrachloroethene	5				1 U	1 U	1 U	1 U	1 U	1 U		
Toluene	5				1 U	1 U	1 U	1 U	1 U	1 U		
trans-1,2-Dichloroethene	5				1 U	1 U	1 U	1 U	1 U	1 U		
trans-1,3-Dichloropropene	0.4				1 U	1 U	1 U	1 U	1 U	1 U		
Trichloroethene	5				1 U	1 U	1 U	1 U	1 U	1 U		
Vinyl chloride	2				1 U	1 U	1 U	1 U	1 U	1 U		
Xylenes, Total	5				2 U	2 U	2 U	2 U	2 U	2 U		

NOTES:

U - not detected, J - estimated, D - Diluted Result, H - Holding time exceeded, R - unusable, NS - no standard, Dup - duplicate sample, --- Not analyzed, F - MS and/or MSD recovery/RPD exceeds the control limits
 [] - Exceeds NYS Class GA Ground Water 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	MW-05D	MW-05D	MW-05D	MW-05D	MW-05D	MW-05D
Depth Interv:	-	-	-	-	-	-	-	-	-	-	-	-
Sample Date	9/13/1995	11/14/1995	7/24/1997	9/16/1997	2/17/2000	8/14/2001	11/29/2001	2/27/2002	5/15/2002	7/30/2003	2/6/2004	
Sample ID	MW-05D_WG_091395	MW-05D_WG_111495	MW-05D_WG_072497	MW-05D_WG_091697	MW-05D_WG_02170C	MW-05D_WG_081401	MW-05D_WG_112901	MW-05D_WG_022702	MW-05D_WG_051502	MW-05D_WG_073003	MW-05D_WG_020604	
Class GA GW	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l
Chemical Name	standards (ug/l)											
1,1,1-Trichloroethane	5	[5]	[12]	[17]	[22]	[11]	[8]	[8]	[6]	[5]	3	2
1,1,2,2-Tetrachloroethane	5	10 U	10 U	1 U	1 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	10 U	10 U	1 U	1 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	[8]	[13]	[26]	[33]	[20]	[19]	[18]	[17]	[17]	[6]	[5]
1,1-Dichloroethene	5	10 U	10 U	1.1	1.8	0.9	0.4 J	0.5	0.4 J	0.4 J	0.3 J	0.3 J
1,2-Dichloroethane	0.6	10 U	10 U	1 U	1 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	21	68	[63.2]	[101.8]	---	---	---	---	---	---	---
1,2-Dichloropropane	1	10 U	10 U	1 U	1 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	10 U	10 U	2 U	2 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
4-Methyl-2-pentanone	NS	10 U	10 U	2 U	2 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Acetone	50	10 U	10 U	2 U	2 U	10 U	10 J	10 U	10 U	10 U	1 J	10 U
Benzene	1	10 U	10 U	1 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Bromodichloromethane	50	10 U	10 U	1 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Bromoform	50	10 U	10 U	1 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Bromomethane	5	10 U	10 U	2 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Carbon disulfide	60	10 U	10 U	1 U	1 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	10 U	10 U	1 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Chlorobenzene	5	10 U	10 U	1 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Chloroethane	5	10 U	10 U	1 U	1 U	0.6 J	0.3 J	0.4 J	0.4 J	0.4 J	1 U	1 U
Chloroform	7	10 U	10 U	1 U	1 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	---	---	---	---	[37]	[30]	[40]	[28]	[24]	[17]	[13]
cis-1,3-Dichloropropene	0.4	10 U	10 U	1 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Dibromochloromethane	50	10 U	10 U	1 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Ethylbenzene	5	0.6	10 U	1 U	1 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	10 U	10 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	4 U	4 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Methylene chloride	5	10 U	10 U	1 U	1 U	2 U	2 J	2 U	2 U	2 U	2 U	2 U
Styrene	5	10 U	10 U	1 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Tetrachloroethene	5	10 U	10 U	1 U	0.6	0.2 J	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Toluene	5	2	10 U	1 U	1 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	---	---	---	---	1	0.3 J	0.4 J	0.3 J	0.3 J	0.3 J	0.2 J
trans-1,3-Dichloropropene	0.4	10 U	10 U	1 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Trichloroethene	5	1	4	2.7	3.5	2	0.6	0.7	0.6	0.6	0.3 J	0.3 J
Vinyl chloride	2	[15]	[44]	[57]	[84]	[30]	[30]	[33]	[21]	[20]	[13]	[9]
Xylenes, Total	5	3	10 U	1 U	1 U	0.5 U	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	MW-05D	MW-05D	MW-05D	MW-05D	MW-05D	MW-05D
Depth Interv:	-	-	-	-	-	-	-	-	-	-	-	-
Sample Date	5/19/2004	8/5/2004	11/17/2004	2/16/2005	4/20/2005	9/7/2005	11/15/2005	4/27/2006	11/14/2006	5/2/2007	10/30/2007	
Sample ID	MW-05D_WG_051904	MW-05D_WG_080504	MW-05D_WG_111704	MW-05D_WG_021605	MW-05D_WG_042005	MW-5D_09072005	MW-5D_11152005	MW-5D_04272006	MW-5D_11142006	MW-5D_050207	MW 5 D-103007	
Class GA GW	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l
Chemical Name	standards (ug/l)											
1,1,1-Trichloroethane	5	1	0.9	1	0.6	0.6	0.5 J	0.42 J	0.3 J	0.22 J	0.19 J	0.11 JH
1,1,2,2-Tetrachloroethane	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	0.5	0.5 U	0.5 HU
1,1,2-Trichloroethane	1	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	0.5	0.5 U	0.5 HU
1,1-Dichloroethane	5	3	3	4	2	3	2.4	2.42	1.9	1.49	1.32	1.08 H
1,1-Dichloroethene	5	0.5 U	0.1 J	0.2 J	0.1 J	0.1 J	1 U	0.1 J	0.5 U	0.5	0.5 U	0.5 HU
1,2-Dichloroethane	0.6	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	0.5	0.5 U	0.5 HU
1,2-Dichloroethene (Total)	5	---	---	---	---	---	---	---	---	---	---	---
1,2-Dichloropropane	1	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	0.5	0.5 U	0.5 HU
2-Hexanone	50	5 U	5 U	5 U	5 U	5 U	10 U	5 U	5 U	5	5 U	5 HU
4-Methyl-2-pentanone	NS	5 U	5 U	5 U	5 U	5 U	10 U	5 U	5 U	5	5 U	5 HU
Acetone	50	2 J	4 J	10 U	3 J	10 U	2.2 J	10 U	10 U	10	10 U	10 HU
Benzene	1	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	0.5	0.5 U	0.5 HU
Bromodichloromethane	50	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	0.5	0.5 U	0.5 HU
Bromoform	50	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	0.5	0.5 U	0.5 HU
Bromomethane	5	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1	1 U	1 HU
Carbon disulfide	60	0.5 U	0.5 U	0.5 U	0.1 J	0.5 U	1 U	0.5 U	0.5 U	0.5	0.5 U	0.5 HU
Carbon tetrachloride	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	0.5	0.5 U	0.5 HU
Chlorobenzene	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	0.5	0.5 U	0.5 HU
Chloroethane	5	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1	1 U	1 HU
Chloroform	7	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	0.5	0.5 U	0.5 HU
cis-1,2-Dichloroethene	5	[7]	[6]	[8]	4	4	4.6	4.39	3.46	3.05	2.93	2.28 H
cis-1,3-Dichloropropene	0.4	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	[0.5]	0.5 U	0.5 HU
Dibromochloromethane	50	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	0.5	0.5 U	0.5 HU
Ethylbenzene	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	0.5	0.5 U	0.5 HU
Methyl chloride	5	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1	1 U	1 HU
Methyl ethyl ketone	50	10 U	10 U	10 U	10 U	10 U	20 U	10 U	10 U	10	10 U	10 HU
Methylene chloride	5	2 U	2 U	2 U	2 U	2 U	0.56 J	2 U	2 U	2	2 U	2 HU
Styrene	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	0.5	0.5 U	0.5 HU
Tetrachloroethene	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	0.5	0.5 U	0.5 HU
Toluene	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	0.5	0.5 U	0.5 HU
trans-1,2-Dichloroethene	5	0.1 J	0.1 J	0.5 U	0.1 J	0.5 U	1 U	0.5 U	0.5 U	0.5	0.5 U	0.5 HU
trans-1,3-Dichloropropene	0.4	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	[0.5]	0.5 U	0.5 HU
Trichloroethene	5	0.2 J	0.1 J	0.2 J	0.1 J	0.1 J	1 U	0.13 J	0.1 J	0.5	0.13 J	0.5 HU
Vinyl chloride	2	[5]	[4]	[5]	[3]	[3]	[3.08]	[2.86]	[2.39]	1.87	1.8	1.66 H
Xylenes, Total	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2 U	1 U	1 U	1	1 U	1 HU

NOTES:
 U - not detected, J - estimated, D - Diluted Result, H - Holding time exceeded, R - unusable, NS - no standard, Dup - duplicate sample, --- Not analyzed, F - MS and/or MSD recovery/RPD exceeds the control limits
 [] - Exceeds NYS Class GA Ground Water 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-05D	MW-05D	MW-05D	MW-05D	MW-05D	MW-05D	MW-05D	MW-05D	MW-05D	MW-5D	MW-5D
		Depth Interv:	Sample Date	Sample ID	Sample ID	Sample ID	Sample ID	Sample ID	Sample ID	Sample ID	Sample ID	Sample ID	Sample ID
			ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l
1,1,1-Trichloroethane	5		0.5 U	0.15 J	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,1,1,2-Tetrachloroethane	5		0.5 U	0.5 U	1 U	1 U	1 U	1 U	1 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 U	1 U	1 U	1 U	1 U
1,1-Dichloroethane	5		1.16	1.3	1.1	0.87 J	1	0.85 J	0.8 J	0.69 J	0.85 J	0.83 J	0.77 J
1,1-Dichloroethene	5		0.5 U	0.5 U	1 U	1 U	1 U	1 U	1 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 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	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	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
Acetone	50		10 U	10 U	5 U	5 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Benzene	1		0.5 U	0.5 U	1 U	1 U	1 U	1 U	1 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	1 U	1 U	1 U	1 U	1 U
Bromoform	50		1 U	1 U	1 U	1 U	1 U	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	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	1 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	1 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	1 U	1 U	1 U	1 U	1 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
Chloroform	7		0.5 U	0.5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
cis-1,2-Dichloroethene	5		2.72	2.63	2.5	1.7	2.1	1.6	1.5	1.4	1.4	1.5	1.5
cis-1,3-Dichloropropene	0.4		0.5 U	0.5 U	1 U	1 U	1 U	1 U	1 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	1 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	1 U	1 U	1 U	1 U	1 U
Methyl chloride	5		1 U	1 U	1 U	1 U	0.75 J	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	10 U	10 U	10 U	10 U	10 U
Methylene chloride	5		2 U	2 U	1 U	1 U	1 U	1 U	1 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	1 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	1 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	1 U	1 U	1 U	1 U	1 U
trans-1,2-Dichloroethene	5		0.5 U	0.5 U	1 U	1 U	1 U	1 U	1 U	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	1 U	1 U	1 U	1 U	1 U
Trichloroethene	5		0.5 U	0.5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Vinyl chloride	2		[2.47]	[2.17]	[2.9]	1.2	1.8	1.3	0.93 J	0.92 J	1.3	1.1	1 U
Xylenes, Total	5		1 U	1 U	2 U	2 U	2 U	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-5D	MW-5D	MW-5D	MW-5D	MW-5D	MW-5D	MW-5D	MW-5D	MW-5D	MW-5D	MW-5D	MW-5D
Depth Interv:	-	-	-	-	-	-	-	-	-	-	-	-
Sample Date	5/22/2013	8/21/2013	12/19/2013	3/27/2014	6/10/2014	9/25/2014	12/9/2014	3/17/2015	6/25/2015	9/22/2015	1/13/2016	
Sample ID	MW-5D-052213	MW-5D-082113	MW-5D-121913	MW-5D-032714	MW-5D-061014	MW 5D 092514	MW 5D 120914	MW5D 031715	MW 5D 062515	MW5D 092215	MW5D 011316	
Class GA GW	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l
Chemical Name	standards (ug/l)											
1,1,1-Trichloroethane	5	1 U	1 U	1 U	1 U	1 U	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 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 U	1 U	1 U	1 U	1 U
1,1-Dichloroethane	5	0.59 J	0.62 J	0.79 J	0.55 J	0.62 J	0.49 J	1 U	1 U	0.57 J	0.55 J	0.6 J
1,1-Dichloroethene	5	1 U	1 U	1 U	1 U	1 U	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 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	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	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
Acetone	50	10 U	10 U	10 U	10 U	10 U	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	1 U	1 U	1 U	1 U	1 U
Bromodichloromethane	50	1 U	1 U	1 U	1 U	1 U	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	1 U*	1 U	1 U	1 U	1 U
Bromomethane	5	1 U	1 U	1 U	1 U	1 U	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	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	1 U	1 U	1 U	1 U	1 U
Chlorobenzene	5	1 U	1 U	1 U	1 U	1 U	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	1 U	1 U	1 U	1 U	1 U
Chloroform	7	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
cis-1,2-Dichloroethene	5	1 U	1	1.4	0.97 J	0.92 J	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	1 U	1 U	1 U	1 U	1 U
Dibromochloromethane	50	1 U	1 U	1 U	1 U	1 U	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	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	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
Methylene chloride	5	1 U	1 U	1 U	1 U	1 U	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	1 U	1 U	1 U	1 U	1 U
Tetrachloroethene	5	1 U	1 U	1 U	1 U	1 U	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	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	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	1 U	1 U	1 U	1 U	1 U
Trichloroethene	5	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Vinyl chloride	2	1 U	0.94 J	0.94 J	1 U	1 U	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	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-5D	MW-5D	MW-5D	X-1	MW-5D	MW-5D	MW-5D	MW-5D	MW-5D	MW-5D	MW-05D	MW-5D
Depth Interv:	-	-	-	-	-	-	-	-	-	-	-	-
Sample Date	3/30/2016	6/21/2016	9/20/2016	9/20/2016	12/21/2016	4/12/2017	6/27/2017	9/14/2017	12/21/2017	3/15/2018	6/19/2018	
Sample ID	MW-5D-033016	MW-5D-062116	MW-5D-092016	MW-5D-092016	MW-5D-122116	MW-5D-041217	MW-5D-062717	MW-5D-091417	MW-5D-122117	MW 5D 031518	MW-5D-061918	
Class GA GW	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	
Chemical Name	standards (ug/l)											
1,1,1-Trichloroethane	5	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1.0 U	1.0 U
1,1,1,2-Tetrachloroethane	5	1 U	1 U	1 U	1 U	1 U	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 U	1 U	1 U	1 U	1 U	1.0 U	1.0 U
1,1-Dichloroethane	5	0.6 J	0.58 J	0.58 J	0.54 J	0.5 J	0.56 J	0.46 J	0.51 J	0.42 J	0.53 J	0.49 J
1,1-Dichloroethene	5	1 U	1 U	1 U	1 U	1 U	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 U	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 U	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 U	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 U	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	10 U	10 U	10 U	10 U	10 U
Benzene	1	1 U	1 U	1 U	1 U	1 U	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 U	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 U	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 U	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 U	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 U	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 U	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 U	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 U	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 U	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 U	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 U	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 U	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 U	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	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	1 U	1 U	1 U	1.0 U	1.0 U
Styrene	5	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1.0 U	1.0 U
Tetrachloroethene	5	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1.0 U	1.0 U
Toluene	5	1 U	1 U	1 U	1 U	1 U	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 U	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 U	1 U	1 U	1 U	1 U	1.0 U	1.0 U
Trichloroethene	5	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1.0 U	1.0 U
Vinyl chloride	2	1 U	1 U	1 U	1 U	1 U	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 U	2 U	2 U	2 U	2 U	2.0 U	2.0 U

NOTES:
 U - not detected, J - estimated, D - Diluted Result, H - Holding time exceeded, R - unusable, NS - no standard, Dup - duplicate sample, --- Not analyzed, F - MS and/or MSD recovery/RPD exceeds the control limits
 [] - Exceeds NYS Class GA Ground Water 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-5D	MW-5D	MW-5D	MW-5D	MW-5D	MW-5D	MW-05D	MW-05D	MW-05D	MW-05D
Depth Interv:	-	-	-	-	-	-	-	-	-	--	--	--
Sample Date	9/19/2018	11/28/2018	3/20/2019	6/21/2019	9/25/2019	9/25/2019	12/19/2019	3/19/2020	6/16/2020	9/22/2020	12/15/2020	
Sample ID	MW-5D-091918	MW-5D-112818	MW-5D-032019	MW-5D-062119	MW-5D-092519	X-1-092519	MW-5D-121919	MW 5D 031920	MW5D 061620	MW5D 092220	MW5D 121520	
Class GA GW	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	µg/L	µg/L	µg/L
Chemical Name	tandards (ug/l)											
1,1,1-Trichloroethane	5	1.0 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U F1	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 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 U	1 U	1 U	1 U	1 U
1,1-Dichloroethane	5	0.50 J	1 U	0.52 J	0.47 J	0.56 J	0.39 J	0.39 J	1 U	0.41 J	0.46 J	1 U
1,1-Dichloroethene	5	1.0 U	1 U	1 U	1 U	1 U	1 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 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	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	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	5 U	5 U	5 U	5 U	5 U
Acetone	50	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U F2	10 U	10 U	10 U
Benzene	1	1.0 U	1 U	1 U	1 U	1 U	1 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	1 U	1 U F1	1 U	1 U	1 U
Bromoform	50	1.0 U	1 U	1 U	1 U	1 U	1 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	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	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	1 U	1 U F1	1 U	1 U	1 U
Chlorobenzene	5	1.0 U	1 U	1 U	1 U	1 U	1 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	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	1 U	1 U	1 U	1 U	1 U
cis-1,2-Dichloroethene	5	1.0 U	1 U	1 U	1 U	0.92 J	1 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	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	1 U	1 U F1 *	1 U	1 U	1 U
Ethylbenzene	5	1.0 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Methyl chloride	5	1.0 U	1 U	1 U	1 U	0.69 J	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
Methylene chloride	5	1.0 U	1 U	1 U	1 U	1 U	1 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	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	1 U	1 U F1	1 U	1 U	1 U
Toluene	5	1.0 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
trans-1,2-Dichloroethene	5	1.0 U	1 U	1 U	1 U	1 U	1 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	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	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	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	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 Depth Interv:	MW-05S Sample Date	MW-05S Sample Date	MW-05S Sample Date	MW-05S Sample Date	MW-05S Sample Date	MW-05S Sample Date	MW-05S Sample Date	MW-05S Sample Date	MW-05S Sample Date	MW-05S Sample Date
			09/14/1995	11/14/1995	7/24/1997	9/16/1997	2/17/2000	2/17/2000	8/14/2001	11/29/2001	2/27/2002	5/15/2002
			MW-05S_WG_091495	MW-05S_WG_111495	MW-05S_WG_072497	MW-05S_WG_091697	MW-05S_WG_021700	MW-05S_WG_021700_DMW-05S_WG_081401	MW-05S_WG_112901	MW-05S_WG_022702	MW-05S_WG_051502	
			ug/l	ug/l	ug/l	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]	[120]	[73]	[57]	[35]
1,1,2,2-Tetrachloroethane	5		10 U	100 U	1 U	1 U	0.5 U	0.5 U	5 U	20 U	20 U	20 U
1,1,2-Trichloroethane	1		10 U	100 U	1 U	1 U	0.3 J	0.3 J	5 U	20 U	20 U	20 U
1,1-Dichloroethane	5		[5]	[70]	[92]	[76]	[100]	[110]	[130]	[71]	[55]	[33]
1,1-Dichloroethene	5		10 U	100 U	16	1 U	[13]	[12]	[20]	[12] J	[8] J	[5] J
1,2-Dichloroethane	0.6		10 U	100 U	1 U	1 U	0.4 J	0.4 J	5 U	20 U	20 U	20 U
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	5 U	20 U	20 U	20 U
2-Hexanone	50		10 U	100 U	2 U	2 U	5 U	5 U	50 U	200 U	200 U	200 U
4-Methyl-2-pentanone	NS		10 U	100 U	2 U	2 U	5 U	5 U	50 U	200 U	200 U	200 U
Acetone	50		8	100 U	2 U	2 U	10 U	10 U	100 U	400 U	400 U	400 U
Benzene	1		10 U	100 U	1 U	1 U	0.5 U	0.5 U	5 U	20 U	20 U	20 U
Bromodichloromethane	50		10 U	100 U	1 U	1 U	0.5 U	0.5 U	5 U	20 U	20 U	20 U
Bromoform	50		10 U	100 U	1 U	1 U	0.5 U	0.5 U	5 U	20 U	20 U	20 U
Bromomethane	5		2	100 U	2 U	2 U	1 U	1 U	10 U	40 U	40 U	40 U
Carbon disulfide	60		10 U	100 U	1 U	1 U	0.5 U	0.5 U	5 U	20 U	20 U	20 U
Carbon tetrachloride	5		10 U	100 U	1 U	1 U	0.5 U	0.5 U	5 U	20 U	20 U	20 U
Chlorobenzene	5		10 U	100 U	1 U	1 U	0.5 U	0.5 U	5 U	20 U	20 U	20 U
Chloroethane	5		10 U	100 U	1 U	1 U	1	1	10 U	40 U	40 U	40 U
Chloroform	7		10 U	100 U	1.7	1 U	0.5 U	0.5 U	5 U	20 U	20 U	20 U
cis-1,2-Dichloroethene	5		---	---	---	---	[1300]	[1500]	[2200] E	[1100]	[880]	[590]
cis-1,3-Dichloropropene	0.4		10 U	100 U	1 U	1 U	0.5 U	0.5 U	5 U	20 U	20 U	20 U
Dibromochloromethane	50		10 U	100 U	1 U	1 U	0.5 U	0.5 U	5 U	20 U	20 U	20 U
Ethylbenzene	5		10 U	100 U	1 U	1 U	0.5 U	0.5 U	5 U	20 U	20 U	20 U
Methyl chloride	5		10 U	100 U	1 U	1 U	1 U	0.2 J	10 U	40 U	40 U	40 U
Methyl ethyl ketone	50		10 U	100 U	4 U	4 U	10 U	10 U	100 U	400 U	400 U	400 U
Methylene chloride	5		10 U	100 U	1 U	1 U	2 U	2 U	20 U	80 U	80 U	80 U
Styrene	5		10 U	100 U	1 U	1 U	0.5 U	0.5 U	5 U	20 U	20 U	20 U
Tetrachloroethene	5		10 U	100 U	4.2	1 U	0.3 J	0.3 J	5 U	20 U	20 U	20 U
Toluene	5		10 U	100 U	1 U	1 U	0.5 U	0.5 U	5 U	20 U	20 U	20 U
trans-1,2-Dichloroethene	5		---	---	---	---	[41]	[46]	[25]	[11] J	[8] J	[6] J
trans-1,3-Dichloropropene	0.4		10 U	100 U	1 U	1 U	0.5 U	0.5 U	5 U	20 U	20 U	20 U
Trichloroethene	5		[8]	[76]	[350]	[230]	[130]	[140]	[55]	[59]	[26]	[17] J
Vinyl chloride	2		[16]	[220]	[170]	[240]	[210]	[240]	[370]	[190]	[140]	[89]
Xylenes, Total	5		10 U	100 U	1 U	1 U	0.5 U	0.5 U	5 U	20 U	20 U	20 U

NOTES:
 U - not detected, J - estimated, D - Diluted Result, H - Holding time exceeded, R - unusable, NS - no standard, Dup - duplicate sample, --- Not analyzed, F - MS and/or MSD recovery/RPD exceeds the control limits
 [] - Exceeds NYS Class GA Ground Water 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-05S	MW-05S	MW-05S	MW-05S	MW-05S	MW-05S	MW-05S	MW-05S	MW-05S	MW-05S	MW-05S
		Depth Interval	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l
Sample Date		7/30/2003	2/5/2004	5/19/2004	8/5/2004	11/17/2004	2/16/2005	4/20/2005	9/7/2005	11/15/2005	4/27/2006	4/27/2006	11/14/2006
Sample ID		MW-05S_WG_073003	MW-05S_WG_020504	MW-05S_WG_051904	MW-05S_WG_080504	MW-05S_WG_111704	MW-05S_WG_021605	MW-05S_WG_042005	MW-05S_09072005	MW-05S_11152005	DUP-1_04272006	MW-05S_04272006	MW-05S_11142006
1,1,1-Trichloroethane	5	[90]	[43]	[32]	[78]	[110]	[17]	[38]	[148]	[41.5]	[38.2]	[40.8]	[15.1]
1,1,2,2-Tetrachloroethane	5	20 U	20 U	20 U	10 U	20 U	2 U	20 U	25 U	25 U	12.5 U	12.5 U	[5]
1,1,2-Trichloroethane	1	20 U	20 U	20 U	10 U	20 U	2 U	20 U	25 U	25 U	12.5 U	12.5 U	[5]
1,1-Dichloroethane	5	[43]	[99]	[29]	[15]	[190]	[10]	[53]	[38]	[25.5]	[13]	[14]	[10.4]
1,1-Dichloroethene	5	[7] J	[12] J	[7] J	4 J	[21]	2 U	[11] J	[6] J	[7] J	12.5 U	12.5 U	[1.7] J
1,2-Dichloroethane	0.6	20 U	20 U	20 U	10 U	20 U	2 U	20 U	25 U	25 U	12.5 U	12.5 U	[5]
1,2-Dichloroethene (Total)	5	---	---	---	---	---	---	---	---	---	---	---	---
1,2-Dichloropropane	1	20 U	20 U	20 U	10 U	20 U	2 U	20 U	25 U	25 U	12.5 U	12.5 U	[5]
2-Hexanone	50	200 U	200 U	200 U	100 U	200 U	25 U	200 U	250 U	250 U	125 U	125 U	[50]
4-Methyl-2-pentanone	NS	200 U	200 U	200 U	100 U	200 U	25 U	200 U	250 U	250 U	125 U	125 U	50
Acetone	50	400 U	400 U	400 U	200 U	400 U	50 U	400 U	101 J	500 U	250 U	250 U	[100]
Benzene	1	20 U	20 U	20 U	10 U	20 U	2 U	20 U	25 U	25 U	12.5 U	12.5 U	[5]
Bromodichloromethane	50	20 U	20 U	20 U	10 U	20 U	2 U	20 U	25 U	25 U	12.5 U	12.5 U	5
Bromoform	50	20 U	20 U	20 U	10 U	20 U	2 U	20 U	25 U	25 U	12.5 U	12.5 U	5
Bromomethane	5	20 U	40 U	40 U	20 U	40 U	5 U	40 U	50 U	50 U	25 U	25 U	[10]
Carbon disulfide	60	20 U	20 U	20 U	10 U	20 U	2 U	20 U	25 U	25 U	12.5 U	12.5 U	5
Carbon tetrachloride	5	20 U	20 U	20 U	10 U	20 U	2 U	20 U	25 U	25 U	12.5 U	12.5 U	[5]
Chlorobenzene	5	20 U	20 U	20 U	10 U	20 U	2 U	20 U	25 U	25 U	12.5 U	12.5 U	[5]
Chloroethane	5	40 U	40 U	40 U	20 U	40 U	5 U	40 U	50 U	50 U	25 U	25 U	[10]
Chloroform	7	20 U	20 U	20 U	10 U	20 U	2 U	20 U	25 U	25 U	12.5 U	12.5 U	5
cis-1,2-Dichloroethene	5	[1300] D	[740]	[1300]	[460]	[890]	[410] D	[2100] D	[964]	[1290]	[372]	[377]	[219]
cis-1,3-Dichloropropene	0.4	20 U	20 U	20 U	10 U	20 U	2 U	20 U	25 U	25 U	12.5 U	12.5 U	[5]
Dibromochloromethane	50	20 U	20 U	20 U	10 U	20 U	2 U	20 U	25 U	25 U	12.5 U	12.5 U	5
Ethylbenzene	5	20 U	20 U	20 U	10 U	20 U	2 U	20 U	25 U	25 U	12.5 U	12.5 U	[5]
Methyl chloride	5	40 U	40 U	40 U	20 U	40 U	5 U	40 U	50 U	50 U	25 U	25 U	[10]
Methyl ethyl ketone	50	400 U	400 U	400 U	200 U	400 U	50 U	400 U	500 U	500 U	250 U	250 U	[100]
Methylene chloride	5	80 U	80 U	60 J	40 U	6 J	10 U	80 U	13 J	100 U	50 U	50 U	[20]
Styrene	5	20 U	20 U	20 U	10 U	20 U	2 U	20 U	25 U	25 U	12.5 U	12.5 U	[5]
Tetrachloroethene	5	20 U	20 U	20 U	4 J	20 U	4	20 U	25 U	25 U	12.5 U	12.5 U	[5]
Toluene	5	20 U	20 U	20 U	10 U	20 U	2 U	20 U	25 U	25 U	12.5 U	12.5 U	[5]
trans-1,2-Dichloroethene	5	[11] J	[12] J	[11] J	[5] J	[16] J	[5]	[16] J	[18] J	[13] J	3 J	3 J	1.7 J
trans-1,3-Dichloropropene	0.4	20 U	20 U	20 U	10 U	20 U	2 U	20 U	25 U	25 U	12.5 U	12.5 U	[5]
Trichloroethene	5	[31]	[34]	[35]	[85]	[44]	[96]	[65]	[294]	[112]	[38.2]	[40.5]	[27.8]
Vinyl chloride	2	[380]	[120]	[140]	[53]	[100]	[28]	[240]	[52]	[146]	[32.2]	[35.8]	[8.8] J
Xylenes, Total	5	20 U	20 U	20 U	10 U	20 U	2 U	20 U	50 U	50 U	25 U	25 U	[10]

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-05S	MW-05S	MW-05S	MW-05S	MW-05S	MW-05S	MW-05S	MW-05S	MW-05S	MW-05S	
		Depth Interv:	-	-	-	-	-	-	-	-	-	-	
		Sample Date	5/2/2007	10/30/2007	05/23/2008	11/19/2008	10/21/2009	5/19/2010	1/20/2011	4/20/2011	7/28/2011	10/27/2011	
		Sample ID	MW-5S_050207	MW 5 S-103007	MW-5S-052208	MW-5S	W-5S-102109102120W-5S-051910051920	MW-5S-01202011	MW-5S-042011	MW-5S 072811	MW5S102711	MW5S032212	
		ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	
1,1,1-Trichloroethane	5		[5.5] J	[25.2] H	[15.2]	[88]	[15]	[7.2]	3.4	2.6	[14]	3.1	[10]
1,1,2,2-Tetrachloroethane	5		12.5 U	12.5 HU	12.5 U	12.5 U	1 U	1 U	1 U	10 U	1 U	1 U	1 U
1,1,2-Trichloroethane	1		12.5 U	12.5 HU	12.5 U	12.5 U	1 U	1 U	1 U	10 U	1 U	1 U	1 U
1,1-Dichloroethane	5		[8] J	[126] H	[33]	[24]	[43]	[10]	[5.4]	8.4 J	[75]	3.4	[26]
1,1-Dichloroethene	5		[2.75] J	[10.5] JH	12.5 U	12.5 U	2.6	2.9	1.4	10 U	[10]	0.78 J	[9.3]
1,2-Dichloroethane	0.6		12.5 U	12.5 HU	12.5 U	12.5 U	1 U	1 U	1 U	10 U	10 U	1 U	25 U
1,2-Dichloroethene (Total)	5		---	---	---	---	---	---	---	---	---	---	---
1,2-Dichloropropane	1		12.5 U	12.5 HU	12.5 U	12.5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
2-Hexanone	50		125 U	125 HU	125 U	125 U	5 U	5 U	5 U	50 U	50 U	5 U	5 U
4-Methyl-2-pentanone	NS		125 U	125 HU	125 U	125 U	5 U	5 U	5 U	50 U	50 U	5 U	5 U
Acetone	50		250 U	250 HU	250 U	250 U	4.6 J	5 U	10 U	10 U	10 U	10 U	10 U
Benzene	1		12.5 U	12.5 HU	12.5 U	12.5 U	0.66 J	1 U	1 U	10 U	1 U	1 U	1 U
Bromodichloromethane	50		12.5 U	12.5 HU	12.5 U	12.5 U	1 U	1 U	1 U	10 U	1 U	1 U	1 U
Bromoform	50		12.5 U	12.5 HU	25 U	25 U	1 U	1 U	1 U	10 U	1 U	1 U	1 U
Bromomethane	5		25 U	25 HU	25 U	25 U	1 U	1 U	1 U	10 U	1 U	1 U	1 U
Carbon disulfide	60		12.5 U	12.5 HU	12.5 U	12.5 U	1 U	1 U	1 U	10 U	1 U	1 U	1 U
Carbon tetrachloride	5		12.5 U	12.5 HU	12.5 U	12.5 U	[14.3]	1 U	1 U	10 U	1 U	1 U	1 U
Chlorobenzene	5		12.5 U	12.5 HU	12.5 U	12.5 U	1 U	1 U	1 U	10 U	1 U	1 U	1 U
Chloroethane	5		25 U	25 HU	25 U	25 U	1 U	1 U	1 U	10 U	2.4	1 U	1 U
Chloroform	7		12.5 U	12.5 HU	12.5 U	12.5 U	1 U	1 U	1 U	10 U	1 U	1 U	1 U
cis-1,2-Dichloroethene	5		[333]	[298] H	[395]	[300]	[75]	[420] D	[280]	[460]	[500]	[98]	[1700]
cis-1,3-Dichloropropene	0.4		12.5 U	12.5 HU	12.5 U	12.5 U	1 U	1 U	1 U	10 U	1 U	1 U	1 U
Dibromochloromethane	50		12.5 U	12.5 HU	12.5 U	12.5 U	1 U	1 U	1 U	10 U	1 U	1 U	1 U
Ethylbenzene	5		12.5 U	12.5 HU	12.5 U	12.5 U	1 U	1 U	1 U	10 U	1 U	1 U	1 U
Methyl chloride	5		25 U	25 HU	25 U	25 U	1 U	1 U	0.7 J	10 U	1 U	1 U	1 U
Methyl ethyl ketone	50		250 U	250 HU	250 U	250 U	5 U	5 U	10 U	10 U	10 U	10 U	1 U
Methylene chloride	5		4.5 J	2.75 JH	6.5 J	50 U	1 U	1 U	1 U	100 U	1 U	1 U	1 U
Styrene	5		12.5 U	12.5 HU	12.5 U	12.5 U	1 U	1 U	1 U	10 U	1 U	1 U	1 U
Tetrachloroethene	5		12.5 U	12.5 HU	12.5 U	12.5 U	1 U	1 U	1 U	10 U	1 U	1 U	1 U
Toluene	5		12.5 U	12.5 HU	12.5 U	12.5 U	4	1 U	1 U	10 U	1 U	1 U	1 U
trans-1,2-Dichloroethene	5		12.5 U	9.75 JH	[5.5] J	3.75 J	0.62 J	[5.1]	2.1	2.6	[10]	1 U	[16]
trans-1,3-Dichloropropene	0.4		12.5 U	12.5 HU	12.5 U	12.5 U	1 U	1 U	1 U	10 U	1 U	1 U	1 U
Trichloroethene	5		[28.8]	[24.5] H	[15.2]	[90]	[5.1]	[19]	[17]	[15]	[32]	[15]	[16]
Vinyl chloride	2		[10.2] J	[22.8] JH	[55.5]	[37.2]	[8.7]	[58]	[49]	[52]	[53]	[13]	[300]
Xylenes, Total	5		25 U	25 HU	25 U	25 U	1.8 J	2 U	2 U	20 U	20 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-5S	MW-5S	MW-5S	MW-5S	MW-5S	MW-5S	MW-5S	MW-5S	MW-5S	MW-5S	
		Depth Interv:	-	-	-	-	-	-	-	-	-	-	
		Sample Date	8/9/2012	12/19/2012	5/22/2013	8/21/2013	12/19/2013	3/27/2014	6/10/2014	9/25/2014	12/9/2014	3/17/2015	6/23/2015
		Sample ID	MW5S080912	MW-5S-121912	MW-5S-052213	MW-5S-082113	MW-5S-121913	MW-5S-032714	MW-5S-061014	MW 5S 092514	MW 5S 120914	MW5S 031715	MW5S 062315
		ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	
1,1,1-Trichloroethane	5	[59]	5 U	10 U	10 U	10 U	10 U	3.2	6.3	3.7	32 *^	1 U	[11]
1,1,2,2-Tetrachloroethane	5	1U	5 U	10 U	10 U	10 U	10 U	1 U	1 U	2 U	2 U	1 U	1 U
1,1,2-Trichloroethane	1	1U	5 U	10 U	10 U	10 U	10 U	1 U	1 U	2 U	2 U	1 U	1 U
1,1-Dichloroethane	5	[26]	3.4 J	[13]	[13]	[25]	[14]	[49]	[52]	[31]	1 U	[120]	
1,1-Dichloroethene	5	4.4	5 U	10 U	10 U	8.8 J	1.9	6	1.3 J	3.1 ^	1 U	[11]	
1,2-Dichloroethane	0.6	1U	5 U	10 U	10 U	10 U	1 U	1 U	2 U	2 U	1 U	1 U	
1,2-Dichloroethene (Total)	5	---	---	---	---	---	---	---	---	---	---	---	
1,2-Dichloropropane	1	1U	5 U	10 U	10 U	10 U	1 U	1 U	2 U	2 U	1 U	1 U	
2-Hexanone	50	5U	25 U	50 U	50 U	50 U	5 U*	5 U	10 U*	10 U	5 U	5 U	
4-Methyl-2-pentanone	NS	5U	25 U	50 U	50 U	50 U	5 U	5 U	10 U*	10 U	5 U	5 U	
Acetone	50	10U	50 U	100 U	100 U	100 U	10 U	10U	7.4 J	20 U	10 U	10 U	
Benzene	1	1U	5 U	10 U	10 U	10 U	1 U	1 U	2 U	2 U	1 U	1 U	
Bromodichloromethane	50	1U	5 U	10 U	10 U	10 U	1 U	1 U	2 U	2 U	1 U	1 U	
Bromoform	50	1U	5 U	10 U	10 U	10 U	1 U	1 U	2 U	2 U*	1 U	1 U	
Bromomethane	5	1U	5 U	10 U	10 U	10 U	1 U	1 U	2 U	2 U	1 U	1 U	
Carbon disulfide	60	1U	5 U	10 U	10 U	10 U	1 U	1 U	2 U	2 U	1 U	1 U	
Carbon tetrachloride	5	1U	5 U	10 U	10 U	10 U	1 U	1 U	2 U	2 U	1 U	1 U	
Chlorobenzene	5	1U	5 U	10 U	10 U	10 U	1 U	1 U	2 U	2 U	1 U	1 U	
Chloroethane	5	1U	5 U	10 U	10 U	10 U	1 U	0.9 J	2 U	2 U	1 U	1 U	
Chloroform	7	1U	5 U	10 U	10 U	10 U	1 U	1 U	2 U	2 U	1 U	1 U	
cis-1,2-Dichloroethene	5	[430]	[220]	[640]	[620]	[2700]	[88]	[220]	[110]	[160]	1.8	[190 F]	
cis-1,3-Dichloropropene	0.4	1U	5 U	10 U	10 U	10 U	1 U	1 U	2 U	2 U	1 U	1 U	
Dibromochloromethane	50	1U	5 U	10 U	10 U	10 U	1 U	1 U	2 U	2 U*	1 U	1 U	
Ethylbenzene	5	1U	5 U	10 U	10 U	10 U	1 U	1 U	2 U	2 U	1 U	1 U	
Methyl chloride	5	1U	5 U	10 U	10 U	10 U	1 U	1 U	2 U	2 U	1 U	1 U	
Methyl ethyl ketone	50	10U	50 U	100 U	100 U	100 U	10 U*	10 U	20 U	20 U	10 U	10 U	
Methylene chloride	5	1U	5 U	10 U	10 U	10 U	1 U	1 U	2 U	2 U	1 U	1 U	
Styrene	5	1U	5 U	10 U	10 U	10 U	1 U	1 U	2 U	2 U	1 U	1 U	
Tetrachloroethene	5	1U	5 U	10 U	10 U	10 U	1 U	1 U	2 U	2.9	1 U	1 U	
Toluene	5	1U	5 U	10 U	10 U	10 U	1 U	1 U	2 U	2 U	1 U	1 U	
trans-1,2-Dichloroethene	5	3.7	5 U	10 U	10 U	[13]	1.8	4.5	2 U	2 U	1 U	[9]	
trans-1,3-Dichloropropene	0.4	1U	5 U	10 U	10 U	10 U	1 U	1 U	2 U	2 U	1 U	1 U	
Trichloroethene	5	[6.9]	[5.2]	[37]	[5.5 J]	[20]	[5.9]	14	4.8	[61]	1.4	[21]	
Vinyl chloride	2	[85]	[41]	[120]	[170]	[590]	[6.7]	[54]	[36]	2 U	1 U	[9.7]	
Xylenes, Total	5	2U	10 U	20 U	20 U	20 U	2 U	2U	4 U	4 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-5S	MW-5S	MW-5S	MW-5S	MW-5S	MW-5S	MW-5S	MW-5S	MW-5S	MW-05S	MW-05S	
		Depth Interval	Sample Date	Sample ID	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l
1,1,1-Trichloroethane	5		[8.8]	[7.9]	2.8	[15]	[15]	[22]	1.2	3.1	12	13	3.4	[9.7]
1,1,2,2-Tetrachloroethane	5		1 U	1 U	1 U	1 U	1 U	1 U	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 U	1 U	1 U	1 U	1 U	1 U	1.0 U	1.0 U
1,1-Dichloroethane	5		[59]	[27]	[8.9]	[43]	[33]	[38]	[6]	0.84 J	[92]	[86]	[14]	[67]
1,1-Dichloroethene	5		2.3	1.7	0.83 J	2.2	2.8	2	0.45 J	0.57 J	[5.8]	[8.2]	1.3	3.6
1,2-Dichloroethane	0.6		1 U	1 U	1 U	1 U	1 U	1 U	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 U	1 U	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 U	5 U	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 U	5 U	5 U	5 U	5 U	5 U	5.0 U	5.0 U
Acetone	50		10 U	10 U *	10 U *	6 J	3.5 J	10 U	10 U	10 U	10 U	10 U	10 U	3.7 J
Benzene	1		1 U	1 U	1 U	1 U	1 U	1 U	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 U	1 U	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 U	1 U	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 U	1 U	1 U	1 U	1 U	1 U	1.0 U	1.0 U
Carbon disulfide	60		1 U	1 U	1 U	0.41 J	0.19 J	1 U	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 U	1 U	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 U	1 U	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 U	1 U	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 U	1 U	1 U	1 U	1 U	1 U	1.0 U	1.0 U
cis-1,2-Dichloroethene	5		[82]	[38]	[16]	[97]	[58]	[180] F1	[5.6]	3.8	[88]	[76]	[16]	[77]
cis-1,3-Dichloropropene	0.4		1 U	1 U	1 U	1 U	1 U	1 U	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 U	1 U	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 U	1 U	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 U	1 U	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	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	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 U	1 U	1 U	1 U	1 U	1 U	1.0 U	1.0 U
Tetrachloroethene	5		1 U	0.71 J	1 U	1 U	1 U	0.7 J	1 U	1 U	0.51 J	0.49 J	1.0 U	1.0 U
Toluene	5		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1.0 U	1.0 U
trans-1,2-Dichloroethene	5		1	1.4	1 U	0.94 J	1 U	2.2	1 U	1 U	3.2	4	1.0 U	0.98 J
trans-1,3-Dichloropropene	0.4		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1.0 U	1.0 U
Trichloroethene	5		[10]	[12]	[8.7]	[22]	[20]	[92]	2.2	[6.7]	[33]	[26]	[9.5]	[34]
Vinyl chloride	2		[12]	1 U	1 U	[7.3]	[4.9]	1 U	1 U	1 U	2.1	1 U	1.0 U	[5.2]
Xylenes, Total	5		2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2.0 U	2.0 U

NOTES:
 U - not detected, J - estimated, D - Diluted Result, H - Holding time exceeded, R - unusable, NS - no standard, Dup - duplicate sample, --- Not analyzed, F - MS and/or MSD recovery/RPD exceeds the control limits
 [] - Exceeds NYS Class GA Ground Water 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-05S	MW-05S	MW-05S	MW-05S	MW-05S	MW-05S	MW-05S	MW-05S	MW-05S	MW-05S
		Depth Interv:	Sample Date	Sample ID	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/L
1,1,1-Trichloroethane	5		[6.8]	3.3	[5.1]	2.2	[7.3]	1 U	1 U	[5]	[9.7]	[7.9]
1,1,2,2-Tetrachloroethane	5		1.0 U	1 U	1 U	1 U	1 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 U	1 U	1 U	1 U
1,1-Dichloroethane	5		[60]	3.7	[9.8]	[11]	[16]	1 U	1.1	[40]	[27]	[6.6]
1,1-Dichloroethene	5		3.3	0.35 J	0.85 J	1.1	0.30 J	1 U	1 U	4.3	2.8	1 U
1,2-Dichloroethane	0.6		1.0 U	1 U	1 U	1 U	1 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	1 U	1 U	1 U	1 U
2-Hexanone	50		5.0 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
4-Methyl-2-pentanone	NS		5.0 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	7.2 J	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	1 U	1 U	1 U	1 U
Bromodichloromethane	50		1.0 U	1 U	1 U	1 U	1 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	1 U *	1 U	1 U	1 U
Bromomethane	5		1.0 U	1 U	1 U	1 U	1 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	1 U	1 U	1 U	1 U
Carbon tetrachloride	5		1.0 U	1 U	1 U	1 U	1 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	1 U	1 U	1 U	1 U
Chloroethane	5		1.0 U	1 U	1 U	1 U	1 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	1 U	1 U	1 U	1 U
cis-1,2-Dichloroethene	5		[45]	[11]	[44]	[15]	[7.4]	1 U	1.6	[48]	[47]	[50]
cis-1,3-Dichloropropene	0.4		1.0 U	1 U	1 U	1 U	1 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	1 U *	1 U	1 U	1 U
Ethylbenzene	5		1.0 U	1 U	1 U	1 U	1 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	1 U	1 U	1 U	1 U
Methyl ethyl ketone	50		10 U	10 U	10 U	10 U	1.9 J	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	1 U	1 U	1 U	1 U
Styrene	5		1.0 U	1 U	1 U	1 U	1 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	1 U	1 U	1 U	1 U
Toluene	5		1.0 U	1 U	1 U	1 U	2.4	1 U	1 U	1 U	1 U	1 U
trans-1,2-Dichloroethene	5		1.0 U	1 U	1 U	1 U	1 U	1 U	1 U	2.3	1 U	1 U
trans-1,3-Dichloropropene	0.4		1.0 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Trichloroethene	5		[22]	[12]	[24]	[5.2]	1.3	0.51 J	0.85 J	[9.2]	[21]	[25]
Vinyl chloride	2		2.1	1 U	1 U	1.5	1.7	1 U	1 U	[11]	1.4	1 U
Xylenes, Total	5		2.0 U	2 U	2 U	2 U	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-06D	MW-06D	MW-06D	MW-06D	MW-06D	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	8/15/2001	11/29/2001	2/27/2002	5/15/2002	
Sample ID	V-06D_WG_091295	CMW-06D_WG_091395	MW-06D_WG_111495	MW-06D_WG_072897	MW-06D_WG_091797	MW-06D_WG_021500	CMW-06D_WG_081501	MW-06D_WG_112901	MW-06D_WG_022702	MW-06D_WG_051502	
Class GA GW	ug/l	ug/l	ug/l	ug/l	ug/l	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	0.5 J	0.8	0.9	0.8 J
1,1,2,2-Tetrachloroethane	5	10 U	10 U	10 U	1 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U
1,1,2-Trichloroethane	1	10 U	10 U	10 U	1 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U
1,1-Dichloroethane	5	10 U	10 U	10 U	[5.8]	3.6	2	2	2	2	1
1,1-Dichloroethene	5	10 U	10 U	10 U	1 U	1 U	0.3 J	0.1 J	0.2 J	0.5 U	0.2 J
1,2-Dichloroethane	0.6	10 U	10 U	10 U	1 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U	1 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	0.5 U	0.5 U	0.5 U	1 U
2-Hexanone	50	10 U	10 U	10 U	2 U	2 U	5 U	5 U	5 U	5 U	10 U
4-Methyl-2-pentanone	NS	10 U	10 U	10 U	2 U	2 U	5 U	5 U	5 U	5 U	10 U
Acetone	50	10 U	10 U	10 U	2 U	2 U	10 U	10 J	10 U	10 U	20 U
Benzene	1	10 U	10 U	10 U	1 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U
Bromodichloromethane	50	10 U	10 U	10 U	1 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U
Bromoform	50	10 U	10 U	10 U	1 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U
Bromomethane	5	10 U	10 U	10 U	2 U	2 U	1 U	1 U	1 U	1 U	2 U
Carbon disulfide	60	10 U	10 U	10 U	1 U	1 U	0.5 U	0.5 U	1	0.5 U	1 U
Carbon tetrachloride	5	10 U	10 U	10 U	1 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U
Chlorobenzene	5	10 U	10 U	10 U	1 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U
Chloroethane	5	10 U	10 U	10 U	1 U	1 U	1 U	1 U	1 U	1 U	2 U
Chloroform	7	10 U	10 U	10 U	1 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U
cis-1,2-Dichloroethene	5	---	---	---	---	---	[43]	[20]	[34]	[36]	[35]
cis-1,3-Dichloropropene	0.4	10 U	10 U	10 U	1 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U
Dibromochloromethane	50	10 U	10 U	10 U	1 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U
Ethylbenzene	5	10 U	10 U	10 U	1 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U
Methyl chloride	5	10 U	10 U	10 U	1 U	1 U	1 U	1 U	1 U	1 U	2 U
Methyl ethyl ketone	50	10 U	10 U	10 U	4 U	4 U	10 U	10 U	10 U	10 U	20 U
Methylene chloride	5	10 U	10 U	10 U	1 U	1 U	2 U	2 U	2 U	2 U	4 U
Styrene	5	10 U	10 U	10 U	1 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U
Tetrachloroethene	5	10 U	10 U	10 U	1 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U
Toluene	5	10 U	10 U	10 U	1 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U
trans-1,2-Dichloroethene	5	---	---	---	---	---	2	0.2 J	0.4 J	0.5 J	0.4 J
trans-1,3-Dichloropropene	0.4	10 U	10 U	10 U	1 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U
Trichloroethene	5	10 U	10 U	10 U	1 U	1 U	0.5	0.2 J	0.3 J	0.3 J	0.3 J
Vinyl chloride	2	10 U	10 U	[51]	[22]	[45]	[44]	[24]	[40] D	[39]	[37]
Xylenes, Total	5	10 U	10 U	10 U	1 U	1 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	Class GA GW standards (ug/l)	Location ID	MW-06D	MW-06D	MW-06D	MW-06D	MW-06D	MW-06D	MW-06D	MW-06D	MW-06D	MW-06D	MW-06D	
		Depth Interval	-	-	-	-	-	-	-	-	-	-	-	-
		Sample Date	7/29/2003	2/4/2004	5/18/2004	8/5/2004	11/16/2004	2/15/2005	4/18/2005	9/6/2005	11/15/2005	4/25/2006	11/13/2006	05/03/2007
		Sample ID	MW-06D_WG_072903	MW-06D_WG_020404	MW-06D_WG_051804	MW-06D_WG_080504	MW-06D_WG_111604	MW-06D_WG_021505	MW-06D_WG_041805	MW-6D_09062005	MW-6D_11152005	MW-6D_04252006	MW-6D_11132006	MW-6D_050307
		ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l
1,1,1-Trichloroethane	5		0.6	0.1 J	0.5	0.1 J	0.1 J	0.4 J	0.5 J	0.5 U	0.52 J	0.48 J	0.46 J	0.48 J
1,1,2,2-Tetrachloroethane	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	1 U	1 U	0.5	1 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	1 U	1 U	0.5	1 U
1,1-Dichloroethane	5		1	1	0.7	1	1	0.5	0.6	1.02	0.82 J	0.62 J	0.58	0.56 J
1,1-Dichloroethene	5		0.2 J	0.5 U	0.3 J	0.5 U	0.5 U	0.2 J	0.3 J	0.5 U	0.34 J	0.26 J	0.25 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	0.5 U	0.5 U	1 U	1 U	0.5	1 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	1 U	1 U	0.5	1 U
2-Hexanone	50		5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	10 U	10 U	5	10 U
4-Methyl-2-pentanone	NS		5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	10 U	10 U	5	10 U
Acetone	50		10 U	10 U	10 U	2 J	10 U	2 J	10 U	2.62 J	20 U	20 U	1.83 J	20 U
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	1 U	1 U	0.5	1 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	1 U	1 U	0.5	1 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	1 U	1 U	0.5	1 U
Bromomethane	5		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	2 U	2 U	1	2 U
Carbon disulfide	60		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 U	1 U	0.5	1 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	1 U	1 U	0.5	1 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	1 U	1 U	0.5	1 U
Chloroethane	5		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	2 U	2 U	1	2 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	1 U	1 U	0.5	1 U
cis-1,2-Dichloroethene	5		[21]	[5]	[29]	[5]	[4]	[33]	[35]	3.26	[46.3]	[38.9]	[38.9]	[41.6]
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	1 U	1 U	0.5	1 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	1 U	1 U	0.5	1 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	1 U	1 U	0.5	1 U
Methyl chloride	5		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	2 U	2 U	0.2 J	2 U
Methyl ethyl ketone	50		10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	20 U	20 U	10	20 U
Methylene chloride	5		2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	0.66 J	4 U	2	0.26 J
Styrene	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	1 U	1 U	0.5	1 U
Tetrachloroethene	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	1 U	1 U	0.5	1 U
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	1 U	1 U	0.5	1 U
trans-1,2-Dichloroethene	5		0.4 J	0.5 U	0.6	0.5 U	0.5 U	0.8	0.7	0.5 U	0.94 J	0.78 J	0.7	0.66 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	1 U	1 U	[0.5]	1 U
Trichloroethene	5		0.3 J	0.5 U	0.4 J	0.5 U	0.5 U	0.4 J	0.4 J	0.5 U	0.4 J	0.38 J	0.33 J	0.26 J
Vinyl chloride	2		[24]	[6]	[28]	[6]	[4]	[29]	[27]	[4.55]	[40.6]	[37.8]	[30.3]	[39.1]
Xylenes, Total	5		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	2 U	2 U	1	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-06D	MW-06D	MW-06D	MW-06D	MW-06D	MW-06D	MW-06D	MW-06D	MW-06D	MW-06D	X-1
		Depth Interv:	-	-	-	-	-	-	-	-	-	-	-
		Sample Date	10/30/2007	5/22/2008	11/19/2008	10/21/2009	5/19/2010	1/19/2011	4/20/2011	7/26/2011	10/26/2011	3/20/2012	3/20/2012
		Sample ID	MW 6 D-103007	MW-6D-052208	MW-6D	W-6D-102109102120W-6D-051910051920	MW-6D-01192011	MW-6D-042011	MW-6D072611	MW6D102611	MW6D032012	MW6D032012	
		ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l
1,1,1-Trichloroethane	5		1 HU	0.36 J	0.26 J	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,1,2,2-Tetrachloroethane	5		1 HU	1 U	0.5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,1,2-Trichloroethane	1		1 HU	1 U	0.5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,1-Dichloroethane	5		0.52 JH	0.48 J	[0.77]	0.6 J	1 U	1 U	1 U	1 U	0.46 J	0.67 J	0.62 J
1,1-Dichloroethene	5		1 HU	1 U	0.5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichloroethane	0.6		1 HU	1 U	0.5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichloroethene (Total)	5		---	---	---	---	---	---	---	---	---	---	---
1,2-Dichloropropane	1		1 HU	1 U	0.5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
2-Hexanone	50		10 HU	10 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
4-Methyl-2-pentanone	NS		10 HU	10 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Acetone	50		20 HU	20 U	10 U	5 U	5 U	10 U	10 U	3.2 J	10 U	10 U	5 U
Benzene	1		1 HU	1 U	0.5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Bromodichloromethane	50		1 HU	1 U	0.5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Bromoform	50		1 HU	2 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Bromomethane	5		2 HU	2 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Carbon disulfide	60		1 HU	1 U	0.5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Carbon tetrachloride	5		1 HU	1 U	0.5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Chlorobenzene	5		1 HU	1 U	0.5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Chloroethane	5		2 HU	2 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Chloroform	7		1 HU	1 U	0.5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
cis-1,2-Dichloroethene	5		[13.4] H	[30.2]	[27.8]	[44]	[45]	[45]	[40]	[26]	[18]	[52]	[51]
cis-1,3-Dichloropropene	0.4		1 HU	1 U	0.5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Dibromochloromethane	50		1 HU	1 U	0.5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Ethylbenzene	5		1 HU	1 U	0.5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Methyl chloride	5		2 HU	2 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Methyl ethyl ketone	50		20 HU	20 U	10 U	5 U	5 U	10 U	10 U	10 U	10 U	10 U	10 U
Methylene chloride	5		0.2 JH	0.34 J	2 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Styrene	5		1 HU	1 U	0.5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Tetrachloroethene	5		1 HU	1 U	0.5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Toluene	5		1 HU	1 U	0.5 U	1 U	1 U	1 U	1 U	0.52 J	1 U	1 U	1 U
trans-1,2-Dichloroethene	5		1 HU	0.56 J	0.33 J	0.54 J	1 U	1 U	1 U	1 U	1 U	1 U	1 U
trans-1,3-Dichloropropene	0.4		1 HU	1 U	0.5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Trichloroethene	5		1 HU	1 U	0.5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Vinyl chloride	2		[18.9] H	[36.6]	[38.3]	[66]	[50]	[49]	[40]	[39]	[26]	[66]	[66]
Xylenes, Total	5		2 HU	2 U	1 U	2 U	2 U	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-6D	MW-6D	MW-6D	X-1	MW-6D	MW-6D	MW-6D	MW-6D	MW-6D	MW-6D	MW-6D	MW-6D
Depth Interv:	-	-	-	-	-	-	-	-	-	-	-	-
Sample Date	8/7/2012	12/19/2012	5/21/2013	5/21/2013	8/21/2013	12/18/2013	3/25/2014	6/10/2014	9/23/2014	12/9/2014	3/17/2015	
Sample ID	MW6D080712	MW-6D-121912	MW-6D-052113	MW-6D-052113	MW-6D-082113	MW-6D-121813	MW-6D-032514	MW-6D-061014	MW6D092314	MW 6D 120914	MW6D 031715	
Class GA GW	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l
Chemical Name	standards (ug/l)											
1,1,1-Trichloroethane	5	1 U	1 U	1 U	1 U	1 U	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 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 U	1 U	1 U	1 U	1 U
1,1-Dichloroethane	5	0.57 J	0.6 J	0.51 J	0.46J	0.47 J	1 U	0.68 J	0.84 J	0.55 J	0.66 J	1 U
1,1-Dichloroethene	5	1 U	1 U	1 U	1 U	1 U	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 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	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	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
Acetone	50	10 U	10 U	10 U	10 U	10 U	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	1 U	1 U	1 U	1 U	1 U
Bromodichloromethane	50	1 U	1 U	1 U	1 U	1 U	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	1 U	1 U	1 U	1 U*	1 U
Bromomethane	5	1 U	1 U	1 U	1 U	1 U	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	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	1 U	1 U	1 U	1 U	1 U
Chlorobenzene	5	1 U	1 U	1 U	1 U	1 U	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	1 U	1 U	1 U	1 U	1 U
Chloroform	7	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
cis-1,2-Dichloroethene	5	[32]	[44]	[42]	[40]	[37]	[41]	2.8	3.1	2.3	2.4	1.8
cis-1,3-Dichloropropene	0.4	1 U	1 U	1 U	1 U	1 U	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	1 U	1 U	1 U	1 U*	1 U
Ethylbenzene	5	1 U	1 U	1 U	1 U	1 U	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	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
Methylene chloride	5	1 U	1 U	1 U	1 U	1 U	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	1 U	1 U	1 U	1 U	1 U
Tetrachloroethene	5	1 U	1 U	1 U	1 U	1 U	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	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	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	1 U	1 U	1 U	1 U	1 U
Trichloroethene	5	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Vinyl chloride	2	[53]	[53]	[59]	[58]	[60]	[71]	[3.3]	[3.5]	[2.5]	[2.8]	1.7
Xylenes, Total	5	2 U	2 U	2 U	2 U	2 U	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-6D	MW-6D	MW-6D	MW-6D	MW-6D	MW-6D	MW-6D	MW-6D	MW-6D	MW-6D	MW-6D	MW-6D
Depth Interv:	-	-	-	-	-	-	-	-	-	-	-	-
Sample Date	6/24/2015	9/22/2015	1/12/2016	3/29/2016	6/21/2016	9/20/2016	12/20/2016	4/11/2017	6/27/2017	9/12/2017	12/20/2017	
Sample ID	MW6D 062415	MW6D 092215	MW6D 011216	MW6D 032916	MW6D 062116	MW6D 092016	MW6D 122016	MW6D 041117	MW6D 062717	MW6D 091217	MW6D 122017	
Class GA GW	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l
Chemical Name	standards (ug/l)											
1,1,1-Trichloroethane	5	1 U	1 U	1 U	1 U	1 U	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 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 U	1 U	1 U	1 U	1 U	1.0 U
1,1-Dichloroethane	5	1 U	0.72 J	0.54 J	0.56 J	0.61 J	0.66 J	0.59 J	0.71 J	0.51 J	0.6 J	0.56 J
1,1-Dichloroethene	5	1 U	1 U	1 U	1 U	1 U	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 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 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 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 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	10 U	10 U	10 U	10 U	10 U
Benzene	1	1 U	1 U	1 U	1 U	1 U	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 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 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 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 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 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 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 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 U	1 U	1 U	1 U	1 U	1.0 U
cis-1,2-Dichloroethene	5	1.5	1.6	1.7	1.5	1.5	1.4	1.3	1.1	1.3	1.4	1.3
cis-1,3-Dichloropropene	0.4	1 U	1 U	1 U	1 U	1 U	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 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 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 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	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	1 U	1 U	1 U	1 U	1.0 U
Styrene	5	1 U	1 U	1 U	1 U	1 U	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 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 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 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 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 U	1 U	1 U	1 U	1 U	1.0 U
Vinyl chloride	2	1.5 ^	[2]	1.5	1.2	1.3	1.4	1.4	1.2	1.4	1.4	1.3
Xylenes, Total	5	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2.0 U

NOTES:
 U - not detected, J - estimated, D - Diluted Result, H - Holding time exceeded, R - unusable, NS - no standard, Dup - duplicate sample, --- Not analyzed, F - MS and/or MSD recovery/RPD exceeds the control limits
 [] - Exceeds NYS Class GA Ground Water 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	MW-06D	MW-06D	MW-06D	MW-06D	MW-06D	MW-06D	MW-06D
Depth Interv:	-	-	-	-	-	-	-	-	-	-	--	--	--
Sample Date	3/14/2018	6/20/2018	9/19/2018	11/27/2018	3/20/2019	6/19/2109	9/24/2019	12/18/2019	3/17/2020	6/16/2020	9/22/2020	12/15/2020	
Sample ID	MW 6D 031418	MW 6D 062018	MW 6D 091918	MW-6D-112718	MW-6D-032019	MW-6D-061919	MW-6D-092419	MW-6D-121819	MW 6D 031720	MW6D 061620	MW6D 092220	MW6D 121520	
Class GA GW	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	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	1 U	1 U	1 U	1 U	1 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 U	1 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 U	1 U	1 U	1 U	1 U	
1,1-Dichloroethane	5	0.58 J	0.59 J	0.62 J	0.4 J	0.49 J	0.59 J	1 U	0.45 J	0.44 J	0.44 J	0.47 J	
1,1-Dichloroethene	5	1.0 U	1.0 U	1.0 U	1 U	1 U	1 U	1 U	1 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 U	1 U	1 U	1 U	1 U	
1,2-Dichloroethene (Total)	5	---	---	---	---	---	---	---	---	---	---	---	
1,2-Dichloropropane	1	1.0 U	1.0 U	1.0 U	1 U	1 U	1 U	1 U	1 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	5 U	5 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	5 U	5 U	5 U	5 U	5 U	
Acetone	50	10 U	10 U	10 U	10 U	10 U	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	1 U	1 U	1 U	1 U	1 U	
Bromodichloromethane	50	1.0 U	1.0 U	1.0 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	
Bromoform	50	1.0 U	1.0 U	1.0 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	
Bromomethane	5	1.0 U	1.0 U	1.0 U	1 U	1 U	1 U	1 U	1 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	1 U	1 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	1 U	1 U	1 U	1 U	1 U	
Chlorobenzene	5	1.0 U	1.0 U	1.0 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	
Chloroethane	5	1.0 U	1.0 U	1.0 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	
Chloroform	7	1.0 U	1.0 U	1.0 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	
cis-1,2-Dichloroethene	5	1.0	1.1	1.3	0.84 J	0.82 J	1.1	0.95 J	1 U	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	1 U	1 U	1 U	1 U	1 U	
Dibromochloromethane	50	1.0 U	1.0 U	1.0 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	
Ethylbenzene	5	1.0 U	1.0 U	1.0 U	1 U	1 U	1 U	1 U	1 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	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	
Methylene chloride	5	1.0 U	1.0 U	1.0 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	
Styrene	5	1.0 U	1.0 U	1.0 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	
Tetrachloroethene	5	1.0 U	1.0 U	1.0 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	
Toluene	5	1.0 U	1.0 U	1.0 U	1 U	1 U	1 U	1 U	1 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	1 U	1 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	1 U	1 U	1 U	1 U	1 U	
Trichloroethene	5	1.0 U	1.0 U	1.0 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	
Vinyl chloride	2	1.1	1.2	1.3	1 U	1 U	1 U	0.90 J	1 U	1 U	1 U	0.91 J	
Xylenes, Total	5	2.0 U	2.0 U	2.0 U	2 U	2 U	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-06S	MW-06S	MW-06S	MW-06S	MW-06S	MW-06S	MW-06S	MW-06S	MW-06S	MW-06S	MW-06S	MW-06S
Depth Interv:	-	-	-	-	-	-	-	-	-	-	-	-
Sample Date	9/14/1995	11/14/1995	7/23/1997	9/17/1997	9/17/1997	2/15/2000	8/15/2001	11/29/2001	2/27/2002	5/15/2002	7/29/2003	
Sample ID	MW-06S_WG_091495	MW-06S_WG_111495	MW-06S_WG_072397	MW-06S_WG_091797	V-06S_WG_091797	DMW-06S_WG_021500	MW-06S_WG_081501	MW-06S_WG_112901	MW-06S_WG_022702	MW-06S_WG_051502	MW-06S_WG_072903	
Class GA GW	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l
Chemical Name	tandards (ug/l)											
1,1,1-Trichloroethane	5	10 U	10 U	1 U	1 U	1 U	0.2 J	0.5 U	0.2 J	0.1 J	0.5 U	0.5 U
1,1,2,2-Tetrachloroethane	5	10 U	10 U	1 U	1 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1,2-Trichloroethane	1	10 U	10 U	1 U	1 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1-Dichloroethane	5	10 U	10 U	1 U	1 U	1 U	2	1	2	1	0.9	0.4 J
1,1-Dichloroethene	5	10 U	10 U	1 U	1 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,2-Dichloroethane	0.6	10 U	10 U	1 U	1 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 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	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
2-Hexanone	50	10 U	10 U	2 U	2 U	2 U	5 U	5 U	5 U	5 U	5 U	5 U
4-Methyl-2-pentanone	NS	10 U	10 U	2 U	2 U	2 U	5 U	5 U	5 U	5 U	5 U	5 U
Acetone	50	18	10 U	2 U	2 U	2 U	10 U	10 J	10 U	10 U	10 U	10 U
Benzene	1	10 U	10 U	1 U	1 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Bromodichloromethane	50	10 U	10 U	1 U	1 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Bromoform	50	10 U	10 U	1 U	1 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Bromomethane	5	10 U	10 U	2 U	2 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U
Carbon disulfide	60	10 U	10 U	1 U	1 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Carbon tetrachloride	5	10 U	10 U	1 U	1 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Chlorobenzene	5	10 U	10 U	1 U	1 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Chloroethane	5	10 U	10 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Chloroform	7	10 U	10 U	1 U	1 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.3 J
cis-1,2-Dichloroethene	5	---	---	---	---	---	2	3	2	1	2	[6]
cis-1,3-Dichloropropene	0.4	10 U	10 U	1 U	1 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Dibromochloromethane	50	10 U	10 U	1 U	1 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Ethylbenzene	5	10 U	10 U	1 U	1 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Methyl chloride	5	[5]	10 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	4 U	4 U	4 U	10 U	10 U	10 U	10 U	10 U	10 U
Methylene chloride	5	10 U	10 U	1 U	1 U	1 U	2 U	2 U	2 U	2 U	2 U	2 U
Styrene	5	10 U	10 U	1 U	1 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Tetrachloroethene	5	10 U	10 U	1 U	1 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Toluene	5	10 U	10 U	1 U	1 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
trans-1,2-Dichloroethene	5	---	---	---	---	---	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
trans-1,3-Dichloropropene	0.4	10 U	10 U	1 U	1 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Trichloroethene	5	10 U	10 U	1 U	1 U	1 U	0.2 J	0.5 U	0.2 J	0.5 U	0.5 U	0.2 J
Vinyl chloride	2	10 U	10 U	1 U	1 U	1 U	0.3 J	0.8 J	0.4 J	0.4 J	0.2 J	0.7 J
Xylenes, Total	5	10 U	10 U	1 U	1 U	1 U	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-06S	MW-06S	MW-06S	MW-06S	MW-06S	MW-06S	MW-06S	MW-06S	MW-06S	MW-06S	MW-06S	MW-06S
Depth Interv:	-	-	-	-	-	-	-	-	-	-	-	-
Sample Date	2/4/2004	5/18/2004	8/5/2004	11/16/2004	2/15/2005	4/18/2005	9/7/2005	11/15/2005	04/25/2006	11/13/2006	5/3/2007	
Sample ID	MW-06S_WG_020404	MW-06S_WG_051804	MW-06S_WG_080504	MW-06S_WG_111604	MW-06S_WG_021505	MW-06S_WG_041805	MW-06S_WG_09072005	MW-06S_WG_11152005	MW-06S_WG_04252006	MW-06S_WG_11132006	MW-06S_WG_050307	
Class GA GW	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l
Chemical Name	standards (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	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	0.5 U	0.5 U	0.5 U	0.5	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	0.5 U
1,1-Dichloroethane	5	0.3 J	0.2 J	0.3 J	0.4 J	0.2 J	0.2 J	0.27 J	0.31 J	0.14 J	0.15 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	0.5 U	0.5 U	0.5 U	0.5	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	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	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	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	5 U
Acetone	50	6 J	10 U	10 U	5 J	2 J	10 U	1.56 J	10 U	10 U	2.18 J	10 U
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	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	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	0.5 U
Bromomethane	5	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1	1 U
Carbon disulfide	60	0.2 J	0.5 U	0.5 U	0.4 J	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5	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	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	0.5 U
Chloroethane	5	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1	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	0.5 U
cis-1,2-Dichloroethene	5	[5]	4	[30]	[14]	[13]	[6]	[16.2]	[36.1]	[2.57]	[12]	1.01
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]	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	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	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	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	10 U
Methylene chloride	5	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2	2 U
Styrene	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	0.5 U
Tetrachloroethene	5	0.5 U	0.1 J	0.1 J	0.5 U	0.1 J	0.1 J	0.5 U	0.5 U	0.12 J	0.5	0.5 U
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	0.5 U
trans-1,2-Dichloroethene	5	0.1 J	0.1 J	0.3 J	0.2 J	0.2 J	0.2 J	0.17 J	0.43 J	0.5 U	0.22 J	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	0.5 U	0.5 U	0.5 U	[0.5]	0.5 U
Trichloroethene	5	0.1 J	0.2 J	0.2 J	0.2 J	0.2 J	0.2 J	0.22 J	0.3 J	0.2 J	0.23 J	0.14 J
Vinyl chloride	2	0.5 J	0.4 J	1	0.9 J	0.7 J	0.3 J	[3]	1.97	0.21 J	0.73 J	1 U
Xylenes, Total	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	1 U	1 U	1	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	Class GA GW standards (ug/l)	Location ID	MW-06S	MW-06S	MW-06S	MW-06S	MW-06S	MW-06S	MW-06S	MW-06S	MW-06S	MW-06S	MW-06S
		Depth Interv:	-	-	-	-	-	-	-	-	-	-	-
		Sample Date	10/31/2007	10/31/2007	5/22/2008	11/19/2008	10/21/2009	5/19/2010	1/19/2011	4/20/2011	7/26/2011	10/26/2011	3/20/2012
		Sample ID	X1-103107	MW-6S-103107	MW-6S-052208	MW-6S	W-6S-102109102120W-6S-051910051920	MW-6S-01192011	MW-6S-042011	MW-6S072611	MW6S102611	MW6S032012	
		ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l
1,1,1-Trichloroethane	5		0.5 HU	0.5 HU	0.5 U	0.5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,1,2,2-Tetrachloroethane	5		0.5 HU	0.5 HU	0.5 U	0.5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,1,2-Trichloroethane	1		0.5 HU	0.5 HU	0.5 U	0.5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,1-Dichloroethane	5		0.95 H	0.13 JH	0.5 U	0.17 J	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,1-Dichloroethene	5		0.5 HU	0.5 HU	0.5 U	0.5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichloroethane	0.6		0.5 HU	0.5 HU	0.5 U	0.5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichloroethene (Total)	5		---	---	---	---	---	---	---	---	---	---	---
1,2-Dichloropropane	1		0.5 HU	0.5 HU	0.5 U	0.5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
2-Hexanone	50		5 HU	5 HU	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
4-Methyl-2-pentanone	NS		5 HU	5 HU	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Acetone	50		10 HU	10 HU	10 U	10 U	5 U	5 U	10 U	10 U	10 U	10 U	10 U
Benzene	1		0.5 HU	0.5 HU	0.5 U	0.5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Bromodichloromethane	50		0.5 HU	0.5 HU	0.5 U	0.5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Bromoform	50		0.5 HU	0.5 HU	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Bromomethane	5		1 HU	1 HU	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Carbon disulfide	60		0.5 HU	0.5 HU	0.5 U	0.5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Carbon tetrachloride	5		0.5 HU	0.5 HU	0.5 U	0.5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Chlorobenzene	5		0.5 HU	0.5 HU	0.5 U	0.5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Chloroethane	5		1 HU	1 HU	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Chloroform	7		0.5 HU	0.5 HU	0.5 U	0.5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
cis-1,2-Dichloroethene	5		[6.2] H	[14.5] H	2.87	[26.1]	[5.6]	1.5	2	1.1	1.6	[9]	1.2
cis-1,3-Dichloropropene	0.4		0.5 HU	0.5 HU	0.5 U	0.5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Dibromochloromethane	50		0.5 HU	0.5 HU	0.5 U	0.5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Ethylbenzene	5		0.5 HU	0.5 HU	0.5 U	0.5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Methyl chloride	5		1 HU	1 HU	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Methyl ethyl ketone	50		10 HU	10 HU	10 U	10 U	5 U	5 U	10 U	10 U	10 U	10 U	10 U
Methylene chloride	5		2 HU	2 HU	2 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Styrene	5		0.5 HU	0.5 HU	0.5 U	0.5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Tetrachloroethene	5		0.5 HU	0.5 HU	0.5 U	0.5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Toluene	5		0.5 HU	0.5 HU	0.5 U	0.5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
trans-1,2-Dichloroethene	5		0.5 HU	0.5 HU	0.5 U	0.21 J	1 U	1 U	1 U	1 U	1 U	1 U	1 U
trans-1,3-Dichloropropene	0.4		0.5 HU	0.5 HU	0.5 U	0.5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Trichloroethene	5		0.22 JH	0.5 HU	0.5 U	0.25 J	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Vinyl chloride	2		[7.37] H	1.38 H	1 U	[3.24]	1.7	1 U	1 U	1 U	1 U	[2]	1 U
Xylenes, Total	5		1 HU	1 HU	1 U	1 U	2 U	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-6S	MW-6S	MW-6S	MW-6S	MW-6S	MW-6S	MW-6S	MW-6S	MW-6S	MW-6S
	Depth Interv:	-	-	-	-	-	-	-	-	-	-	-
	Sample Date	8/7/2012	12/19/2012	5/21/2013	8/21/2013	12/18/2013	3/25/2014	6/11/2014	9/23/2014	12/10/2014	3/17/2015	6/24/2015
	Sample ID	MW6S080712	MW-6S-121912	MW-6S-052113	MW-6S-082113	MW-6S-121813	MW-6S-032514	MW-6S-061114	MW6S092314	MW 6S 121014	MW-6S 031715	MW6S-062415
	Class GA GW	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l
Chemical Name	tandards (ug/l)											
1,1,1-Trichloroethane	5	1 U	1 U	1 U	1 U	1 U	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 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 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 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 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 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	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	5 I	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 I	5 U	5 U	5 U	5 U
Acetone	50	10 U	10 U	10 U	10 U	10 U	10 U	10 U	3.6 J	10 U	4.3 J	10 U
Benzene	1	1 U	1 U	1 U	1 U	1 U	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	1 U	1 U	1 U	1 U	1 U
Bromoform	50	1 U	1 U	1 U	1 U	1 U	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	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	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	1 U	1 U	1 U	1 U	1 U
Chlorobenzene	5	1 U	1 U	1 U	1 U	1 U	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	1 U	1 U	1 U	1 U	1 U
Chloroform	7	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
cis-1,2-Dichloroethene	5	1.8	1.9	1.1	1.2	2	[22]	[73]	[17]	[17]	[11]	[8.7]
cis-1,3-Dichloropropene	0.4	1 U	1 U	1 U	1 U	1 U	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	1 U	1 U	1 U*	1 U	1 U
Ethylbenzene	5	1 U	1 U	1 U	1 U	1 U	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	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
Methylene chloride	5	1 U	1 U	1 U	1 U	1 U	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	1 U	1 U	1 U	1 U	1 U
Tetrachloroethene	5	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1.4	1 U	1 U
Toluene	5	1 U	1 U	1 U	1 U	1 U	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	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	1 U	1 U	1 U	1 U	1 U
Trichloroethene	5	1 U	1 U	1 U	1 U	1 U	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	[6.7]	[3.1]	1.4	[4.6]	[3.2]	1 ^
Xylenes, Total	5	2 U	2 U	2 U	2 U	2 U	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-6S	MW-6S	MW-6S	MW-6S	MW-6S	MW-6S	MW-6S	X-1	MW-6S	MW-6S
	Depth Interv:	-	-	-	-	-	-	-	-	-	-	-
	Sample Date	9/23/2015	1/12/2016	3/29/2016	6/21/2016	9/20/2016	12/20/2016	4/11/2017	6/28/2017	6/28/2017	9/14/2017	12/20/2017
	Sample ID	MW6S 092315	MW6S 011216	MW6S 032916	MW6S 062116	MW6S 092016	MW6S 122016	MW6S 041117	MW6S 062817	MW6S 062817	MW6S 091417	MW6S 122017
	Class GA GW	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l
Chemical Name	standards (ug/l)											
1,1,1-Trichloroethane	5	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1.0 U
1,1,1,2-Tetrachloroethane	5	1 U	1 U	1 U	1 U	1 U	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 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 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 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 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 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 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 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	10 U	10 U	10 U	3.3 J	10 U
Benzene	1	1 U	1 U	1 U	1 U	1 U	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 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 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 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 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 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 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 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 U	1 U	1 U	1 U	1 U	1.0 U
cis-1,2-Dichloroethene	5	[10]	[10]	[52]	[5]	[7.9]	[6.9]	[17]	[15]	[14]	[10]	4.7
cis-1,3-Dichloropropene	0.4	1 U	1 U	1 U	1 U	1 U	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 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 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 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	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	1 U	1 U	1 U	1 U	1.0 U
Styrene	5	1 U	1 U	1 U	1 U	1 U	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 U	1 U	0.39 J	1 U	1 U	1.0 U
Toluene	5	1 U	1 U	1 U	1 U	1 U	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 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 U	1 U	1 U	1 U	1 U	1.0 U
Trichloroethene	5	1 U	1 U	0.8 J	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1.0 U
Vinyl chloride	2	[2.8]	[5.7]	[16]	1 U	[11]	[6.2]	[8.7]	[9.1]	[8.9]	[3.8]	1.0 U
Xylenes, Total	5	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2.0 U

NOTES:
 U - not detected, J - estimated, D - Diluted Result, H - Holding time exceeded, R - unusable, NS - no standard, Dup - duplicate sample, --- Not analyzed, F - MS and/or MSD recovery/RPD exceeds the control limits
 [] - Exceeds NYS Class GA Ground Water 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	MW-06S	MW-06S	MW-06S	MW-06S	MW-06S	
		Depth Interv:	-	-	-	-	-	-	-	-	-	--	--	--
		Sample Date	3/15/2018	6/20/2018	9/20/2018	11/29/2018	8/30/2018	6/19/2019	9/25/2019	12/18/2019	3/17/2020	6/16/2020	9/23/2020	12/15/2020
		Sample ID	MW 6S 031518	MW 6S 062018	MW 6S 092018	MW-6S-112918	MW-6S-032019	MW-6S-061919	MW-6S-092519	MW-6S-121819	MW 6S 031720	MW6S 061620	MW6S 092320	MW6S 121520
		ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	µg/L	µg/L	µg/L
1,1,1-Trichloroethane	5	1.0 U	1.0 U	1.0 U	1 U	1 U	1 U	1 U	1 U	1 U	1 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 U	1 U	1 U	1 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 U	1 U	1 U	1 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 U	1 U	1 U	1 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 U	1 U	1 U	1 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 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichloroethene (Total)	5	---	---	---	---	---	---	---	---	---	---	---	---	---
1,2-Dichloropropane	1	1.0 U	1.0 U	1.0 U	1 U	1 U	1 U	1 U	1 U	1 U	1 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	5 U	5 U	5 U	5 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	5 U	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	10 U	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	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Bromodichloromethane	50	1.0 U	1.0 U	1.0 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Bromoform	50	1.0 U	1.0 U	1.0 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Bromomethane	5	1.0 U	1.0 U	1.0 U	1 U	1 U	1 U	1 U	1 U	1 U	1 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	1 U	1 U	1 U	1 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	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Chlorobenzene	5	1.0 U	1.0 U	1.0 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Chloroethane	5	1.0 U	1.0 U	1.0 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Chloroform	7	1.0 U	1.0 U	1.0 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
cis-1,2-Dichloroethene	5	[28]	[6.3]	[15]	[13]	[39]	[27]	[9.5]	[24]	[38]	[23]	[11]	[5.8]	[5.8]
cis-1,3-Dichloropropene	0.4	1.0 U	1.0 U	1.0 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Dibromochloromethane	50	1.0 U	1.0 U	1.0 U*	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Ethylbenzene	5	1.0 U	1.0 U	1.0 U	1 U	1 U	1 U	1 U	1 U	1 U	1 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	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	10 U
Methylene chloride	5	1.0 U	1.0 U	1.0 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Styrene	5	1.0 U	1.0 U	1.0 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Tetrachloroethene	5	1.0 U	1.0 U	1.0 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Toluene	5	1.0 U	1.0 U	1.0 U	1 U	1 U	1 U	1 U	1 U	1 U	1 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	1 U	1 U	1 U	1 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	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Trichloroethene	5	1.0 U	1.0 U	1.0 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Vinyl chloride	2	[29]	1.0 U	[19]	[22]	[28]	[23]	[7.9]	[23]	[68]	[34]	[23]	[23]	1U
Xylenes, Total	5	2.0 U	2.0 U	2.0 U	2 U	2 U	2 U	2 U	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	Class GA	Location ID	MW-06DD	MW-06DD	MW-06DD	MW-06DD	MW-06DD	MW-06DD	MW-06DD	MW-06DD	MW-06DD	MW-06DD
(ug/l)	GW Stds	Depth Interval	06DD WG 072903	06DD WG 072903	06DD WG 072903	MW-06DD-WG_02040	06DD WG 051804	06DD WG 080504	06DD WG 111604	06DD WG 021505	06DD WG 041805	MW-06DD
		Sample Date	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l
1,1,1-Trichloroethane	5	7/29/2003	0.5 U	0.5 U	0.7	[5]	2	[9]	0.7	3	0.3 J	[26.7]
1,1,2,2-Tetrachloroethane	5	7/29/2003	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	0.50 U
1,1,2-Trichloroethane	1	7/29/2003	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	0.50 U
1,1-Dichloroethane	5	7/29/2003	0.1 J	0.5 U	1	[5]	[5]	[5]	[9]	4	[6]	[8.38]
1,1-Dichloroethene	5	2/4/2004	0.5 U	0.5 U	0.5 U	0.3 J	0.2 J	0.3 J	0.2 J	0.2 J	0.1 J	0.58
1,2-Dichloroethane	0.6	5/18/2004	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	0.50 U
1,2-Dichloroethene (Total)	5	8/5/2004	---	---	---	---	---	---	---	---	---	---
1,2-Dichloropropane	1	11/16/2004	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	0.50 U
2-Hexanone	50	2/15/2005	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5.00 U
4-Methyl-2-pentanone	NS	4/18/2005	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5.00 U
Acetone	50	9/6/2005	10 U	10 U	10 U	4 J	10 U	10 U	10 U	2 J	10 U	2.28 J
Benzene	1		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.2 J	0.5 U	0.5 U	0.50 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	0.50 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	0.50 U
Bromomethane	5		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1.00 U
Carbon disulfide	60		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.2 J	0.5 U	0.5 U	0.50 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	0.50 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	0.50 U
Chloroethane	5		1 U	1 U	1 U	1 U	1 U	1 U	0.5 J	1 U	0.5 J	0.17 J
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	0.50 U
cis-1,2-Dichloroethene	5		0.5 J	0.5 U	[7]	[32]	[12]	[21]	[16]	[14]	[11]	[49.9]
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	0.50 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	0.50 U
Ethylbenzene	5		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.2 J	0.5 U	0.5 U	0.50 U
Methyl chloride	5		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1.00 U
Methyl ethyl ketone	50		10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10.0 U
Methylene chloride	5		2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2.00 U
Styrene	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	0.50 U
Tetrachloroethene	5		0.5 U	0.5 U	0.5 J	0.8	0.6	0.7	0.5 U	0.7	0.5 U	0.50 U
Toluene	5		0.3 J	0.5 U	0.5 U	0.1 J	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.50 U
trans-1,2-Dichloroethene	5		0.5 U	0.5 U	0.5 U	0.3 J	0.1 J	0.2 J	0.3 J	0.1 J	0.2 J	0.54
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	0.50 U
Trichloroethene	5		0.5 U	0.5 U	0.3 J	2	1	2	0.6	2	0.7	4.85
Vinyl chloride	2		0.3 J	0.1 J	[5]	[20]	[14]	[15]	[12]	[10]	[10]	[15.4]
Xylenes, Total	5		0.5 U	0.5 U	0.5 U	0.5	0.5 U	0.5 U	0.9	0.5 U	0.3 J	1.00 U

NOTES:
 U - not detected, J - estimated, D - Diluted Result, H - Holding time exceeded, R - unusable, NS - no standard, Dup - duplicate sample, --- Not analyzed, F - MS and/or MSD recovery/RPD exceeds the control limits
 [] - Exceeds NYS Class GA Ground Water 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-06DD	MW-06DD	MW-06DD	MW-06DD	MW-06DD	MW-06DD	MW-06DD	MW-06DD	MW-06DD	MW-06DD	MW-06DD	MW-06DD	MW-06DD
Depth Interval	-	-	-	-	-	-	-	-	-	-	-	-	-
Sample Date	11/14/2005	4/25/2006	11/15/2006	5/2/2007	10/30/2007	5/22/2008	11/19/2008	10/21/2009	05/19/2010	01/19/2011	4/20/2011	7/26/2011	
Class GA	MW-6DD_11142005	MW-6DD_04252006	MW-6DD_11152006	MW-6DD_050207	MW 6 DD-103007	MW 6 DD-052208	MW 6 DD-111908	MW-6DD-10212009	V-6DD-05191005192C	MW-6DD-01192011	MW-6DD-042011	MW-6DD072611	
GW Stds	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	
Chemical Name	(ug/l)	(ug/l)	(ug/l)	(ug/l)	(ug/l)	(ug/l)	(ug/l)	(ug/l)	(ug/l)	(ug/l)	(ug/l)	(ug/l)	
1,1,1-Trichloroethane	5	[7.24]	1.24	1.48	2.01	1.1 H	0.5 U	0.5 U	1 U	1 U	1 U	1 U	
1,1,2,2-Tetrachloroethane	5	1.00 U	0.50 U	1 U	0.5 U	0.5 HU	0.5 U	0.5 U	1 U	1 U	1 U	1 U	
1,1,2-Trichloroethane	1	1.00 U	0.50 U	1 U	0.5 U	0.5 HU	0.5 U	0.5 U	1 U	1 U	1 U	1 U	
1,1-Dichloroethane	5	[6.50]	[5.22]	4.38	4.52	4.49 H	2.41	2.36	1.8	1.3	2.2	2	
1,1-Dichloroethene	5	0.40 J	0.22 J	0.22 J	0.24 J	0.5 HU	0.5 U	0.5 U	1 U	1 U	1 U	1 U	
1,2-Dichloroethane	0.6	1.00 U	0.50 U	1 U	0.5 U	0.5 HU	0.5 U	0.5 U	1 U	1 U	1 U	1 U	
1,2-Dichloroethene (Total)	5	---	---	---	---	---	---	---	---	---	---	---	
1,2-Dichloropropane	1	1.00 U	0.50 U	1 U	0.5 U	0.5 HU	0.5 U	0.5 U	1 U	1 U	1 U	1 U	
2-Hexanone	50	10.0 U	5.00 U	10 U	5 U	5 HU	5 U	5 U	5 U	5 U	5 U	5 U	
4-Methyl-2-pentanone	NS	10.0 U	5.00 U	10 U	5 U	5 HU	5 U	5 U	5 U	5 U	5 U	5 U	
Acetone	50	20.0 U	10.0 U	20 U	10 U	10 HU	10 U	10 U	5 U	3.4 J	10 U	10 U	
Benzene	1	1.00 U	0.50 U	1 U	0.5 U	0.5 HU	0.5 U	0.5 U	1 U	1 U	1 U	1 U	
Bromodichloromethane	50	1.00 U	0.50 U	1 U	0.5 U	0.5 HU	0.5 U	0.5 U	1 U	1 U	1 U	1 U	
Bromoform	50	1.00 U	0.50 U	1 U	0.5 U	0.5 HU	1 U	1 U	1 U	1 U	1 U	1 U	
Bromomethane	5	2.00 U	1.00 U	2 U	1 U	1 HU	1 U	1 U	1 U	1 U	1 U	1 U	
Carbon disulfide	60	1.00 U	0.50 U	1 U	0.5 U	0.5 HU	0.5 U	0.5 U	1 U	1 U	1 U	1 U	
Carbon tetrachloride	5	1.00 U	0.50 U	1 U	0.5 U	0.5 HU	0.5 U	0.5 U	1 U	1 U	1 U	1 U	
Chlorobenzene	5	1.00 U	0.50 U	1 U	0.5 U	0.5 HU	0.5 U	0.5 U	1 U	1 U	1 U	1 U	
Chloroethane	5	2.00 U	1.00 U	2 U	1 U	1 HU	1 U	1 U	1 U	1 U	1 U	1 U	
Chloroform	7	1.00 U	0.50 U	1 U	0.5 U	0.5 HU	0.5 U	0.5 U	1 U	1 U	1 U	1 U	
cis-1,2-Dichloroethene	5	[41.8]	[15.8]	[16.4]	[13.7]	[18.4] H	[15.2]	[14.9]	[14]	2.8	[11]	[8.5]	
cis-1,3-Dichloropropene	0.4	1.00 U	0.50 U	1 U	0.5 U	0.5 HU	0.5 U	0.5 U	1 U	1 U	1 U	1 U	
Dibromochloromethane	50	1.00 U	0.50 U	1 U	0.5 U	0.5 HU	0.5 U	0.5 U	1 U	1 U	1 U	1 U	
Ethylbenzene	5	1.00 U	0.50 U	1 U	0.5 U	0.5 HU	0.5 U	0.5 U	1 U	1 U	1 U	1 U	
Methyl chloride	5	2.00 U	1.00 U	2 U	1 U	1 HU	1 U	1 U	---	1 U	1 U	1 U	
Methyl ethyl ketone	50	20.0 U	10.0 U	20 U	10 U	10 HU	10 U	10 U	---	5 U	10 U	10 U	
Methylene chloride	5	0.80 J	2.00 U	4 U	2 U	2 HU	2 U	2 U	1 U	1 U	1 U	1 U	
Styrene	5	1.00 U	0.50 U	1 U	0.5 U	0.5 HU	0.5 U	0.5 U	1 U	1 U	1 U	1 U	
Tetrachloroethene	5	1.00 U	0.50 U	1 U	0.5 U	0.5 HU	0.5 U	0.5 U	1 U	1 U	1 U	1 U	
Toluene	5	1.00 U	0.50 U	1 U	0.5 U	0.5 HU	0.5 U	0.5 U	1 U	0.78 J	1 U	1 U	
trans-1,2-Dichloroethene	5	0.46 J	0.19 J	0.30 J	0.26 J	0.17 JH	0.23 J	0.5 U	1 U	1 U	1 U	1 U	
trans-1,3-Dichloropropene	0.4	1.00 U	0.50 U	1 U	0.5 U	0.5 HU	0.5 U	0.5 U	1 U	1 U	1 U	1 U	
Trichloroethene	5	3.94	0.89	1.2	0.82	0.17 JH	0.18 J	0.1 J	1 U	1 U	1 U	1 U	
Vinyl chloride	2	[13.1]	[13.4]	[10.6]	[8.17]	[10.1] H	[12.5]	[13]	[21]	[5.2]	[13]	[7.5]	
Xylenes, Total	5	2.00 U	1.00 U	2 U	1 U	1 HU	1 U	1 U	2 U	2 U	2 U	2 U	

NOTES:
 U - not detected, J - estimated, D - Diluted Result, H - Holding time exceeded, R - unusable, NS - no standard, Dup - duplicate sample, --- Not analyzed, F - MS and/or MSD recovery/RPD exceeds the control limits
 [] - Exceeds NYS Class GA Ground Water 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-06DD	MW-06DD	MW-6DD	MW-6DD	MW-6DD	MW-6DD	MW-6DD	MW-6DD	MW-6DD	MW-6DD	MW-6DD
			Depth Interval	MW6DD102611	MW6DD032012	MW6DD080712	MW-6DD-121912	MW-6DD-052113	MW-6DD-0821113	MW-6DD-121813	MW-6DD-032514	MW-6DD-061014	MW6DD092314	MW 6DD 120914
Sample Date	Sample ID	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	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 U	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 U	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 U	1 U	1 U	1 U	1 U	1 U	1 U
1,1-Dichloroethane	5	3.2	3.6	4.2	4.6	2	1.9	3.7	0.7 J	0.92 J	0.61 J	1 U	1 U	1 U
1,1-Dichloroethene	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	1 U
1,2-Dichloroethane	0.6	1 U	1 U	1 U	1 U	1 U	1 U	1 U	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	1 U	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	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	5 U
Acetone	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	10 U
Benzene	1	1 U	1 U	1 U	1 U	1 U	1 U	1 U	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	1 U	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	1 U	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	1 U	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	1 U	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	1 U	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	1 U	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	1 U	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	1 U	1 U	1 U	1 U	1 U	1 U	1 U
cis-1,2-Dichloroethene	5	[14]	[22]	[29]	[33]	[15]	[14]	[39]	[15]	[30]	[17]	[17]	[17]	[20]
cis-1,3-Dichloropropene	0.4	1 U	1 U	1 U	1 U	1 U	1 U	1 U	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	1 U	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	1 U	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	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	10 U
Methylene 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	1 U
Styrene	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	1 U
Tetrachloroethene	5	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	0.57 J	1 U	1 U	1 U	1 U
Toluene	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	1 U
trans-1,2-Dichloroethene	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	1 U
trans-1,3-Dichloropropene	0.4	1 U	1 U	1 U	1 U	1 U	1 U	1 U	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	1 U	0.58 J	0.52 J	1 U	1 U	1 U	1 U
Vinyl chloride	2	[11]	[12]	[19]	[19]	[15]	[17]	[32]	[3.4]	8.2	[5]	[5.3]	1.9	1.9
Xylenes, Total	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	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 Stds (ug/l)	Location ID	MW-6DD	MW-6DD	MW-6DD	MW-6DD	MW-6DD	MW-6DD	MW-6DD	MW-6DD	MW-6DD	MW-6DD		
			Depth Interval	MW-6DD	MW-6DD	MW-6DD	MW-6DD	MW-6DD	MW-6DD	MW-6DD	MW-6DD	MW-6DD	MW-6DD	MW-6DD	
			Sample Date	6/24/2015	9/22/2015	1/12/2016	3/29/2016	6/21/2016	9/20/2016	12/20/2016	4/11/2017	6/28/2017	9/12/2017	12/20/2017	3/15/2018
	Sample ID			MW6DD 062515	MW6DD 092215	MW6DD 011216	MW6DD 032916	MW6DD 062116	MW6DD 092016	MW6DD 122016	MW6DD 041117	MW6DD 062817	MW6DD 091217	MW6DD 122017	MW 6DD 031518
1,1,1-Trichloroethane	5			1 U	1 U	1 U	1 U	1 U	1 U	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 U	1 U	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 U	1 U	1 U	1 U	1 U	1 U	1.0 U	1.0 U
1,1-Dichloroethane	5			0.84 J	0.73 J	0.43 J	1 U	0.71 J	0.62 J	0.55 J	1 U	1 U	0.6 J	1.0 U	0.82 J
1,1-Dichloroethene	5			1 U	1 U	1 U	1 U	1 U	1 U	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 U	1 U	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 U	1 U	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 U	5 U	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 U	5 U	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	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	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 U	1 U	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 U	1 U	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 U	1 U	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 U	1 U	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 U	1 U	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 U	1 U	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 U	1 U	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 U	1 U	1 U	1 U	1 U	1 U	1.0 U	1.0 U
cis-1,2-Dichloroethene	5			[19]	[13]	[17]	[19]	[20]	[10]	[8.6]	[13]	[24]	[22]	[17]	[24]
cis-1,3-Dichloropropene	0.4			1 U	1 U	1 U	1 U	1 U	1 U	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 U	1 U	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 U	1 U	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 U	1 U	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	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	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 U	1 U	1 U	1 U	1 U	1 U	1.0 U	1.0 U
Tetrachloroethene	5			1 U	1 U	1 U	1 U	0.52 J	1 U	1 U	1 U	1 U	1 U	1.0 U	1.0 U
Toluene	5			1 U	1 U	1 U	1 U	1 U	1.5	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 U	1 U	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 U	1 U	1 U	1 U	1 U	1 U	1.0 U	1.0 U
Trichloroethene	5			1 U	1 U	1 U	0.69 J	1 U	1 U	1 U	0.69 J	1 U	1 U	1.0 U	0.82 J
Vinyl chloride	2			[4.9 ^]	[5.1]	[3.2]	1.5	[5.3]	[4.5]	[4]	1 U	[4.5]	[5.3]	1.0 U	[3.9]
Xylenes, Total	5			2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2.0 U	2.0 U

NOTES:
 U - not detected, J - estimated, D - Diluted Result, H - Holding time exceeded, R - unusable, NS - no standard, Dup - duplicate sample, --- Not analyzed, F - MS and/or MSD recovery/RPD exceeds the control limits
 [] - Exceeds NYS Class GA Ground Water 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-06DD	MW-6DD	MW-6DD	MW-6DD	MW-6DD	MW-6DD	MW-6DD	MW-6DD	MW-6DD	MW-06DD	MW-06DD	MW-06DD	MW-06DD
Depth Interval	-	-	-	-	-	-	-	-	-	-	--	--	--
Sample Date	6/20/2018	9/19/2018	11/28/2018	3/20/2019	6/19/2019	6/19/2019	9/24/2019	12/19/2019	3/17/2020	6/16/2020	9/22/2020	12/15/2020	
Class GA	Sample ID	MW 6DD 062018	MW 6DD 091918	MW-6DD-112818	MW-6DD-032019	MW-6DD-062119	MW-6DD-062119	MW-6DD-092419	MW-6DD-121919	MW 6DD 031720	MW6DD 061620	MW6DD 092220	MW6DD 121520
GW Stds		ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	µg/L	µg/L	µg/L
Chemical Name	(ug/l)												
1,1,1-Trichloroethane	5	1.0 U	1.0 U	1 U	1 U	1 U	1 U	1 U	1 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 U	1 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 U	1 U	1 U	1 U	1 U	1 U
1,1-Dichloroethane	5	0.64 J	0.51 J	1 U	0.42 J	0.48 J	0.48 J	1 U	1 U	0.39 J	0.41 J	0.41 J	1 U
1,1-Dichloroethene	5	1.0 U	1.0 U	1 U	1 U	1 U	1 U	1 U	1 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 U	1 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	1 U	1 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	5 U	5 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	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	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	1 U	1 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	1 U	1 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	1 U	1 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	1 U	1 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	1 U	1 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	1 U	1 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	1 U	1 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	1 U	1 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	1 U	1 U	1 U	1 U	1 U	1 U
cis-1,2-Dichloroethene	5	[25]	[13]	[11]	[13]	[24]	[24]	[25]	[15]	[15]	[28]	[16]	[18]
cis-1,3-Dichloropropene	0.4	1.0 U	1.0 U	1 U *	1 U	1 U	1 U	1 U	1 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	1 U	1 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	1 U	1 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	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	1.0 U	1.0 U	1 U	1 U	1 U	1 U	1 U	1 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	1 U	1 U	1 U	1 U	1 U	1 U
Tetrachloroethene	5	0.39 J	1.0 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	0.37 J	1 U	1 U
Toluene	5	1.0 U	1.0 U	1 U	1 U	1 U	1 U	1 U	1 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	1 U	1 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	1 U	1 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	1 U	1 U	1 U	0.5 J	1 U	1 U
Vinyl chloride	2	[5.3]	[4.9]	1 U	1.2	[6.7]	[6.7]	[5.5]	1.5	1.3	[5.8]	[3.8]	[1.6]
Xylenes, Total	5	2.0 U	2.0 U	2 U	2 U	2 U	2 U	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	Class GA GW Stds (ug/l)	Location ID Depth Interval Sample Date	MW-07S - 9/12/1995	MW-07S - 11/13/1995	MW-07S - 7/23/1997	MW-07S - 9/18/1997	MW-07S - 2/18/2000	MW-07S - 8/16/2001	MW-07S - 11/28/2001	MW-07S - 2/25/2002	MW-07S - 5/16/2002	MW-07S - 7/29/2003	MW-07S - 2/3/2004
		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	MW-07S_WG_112801	MW-07S_WG_022502	MW-07S_WG_051602	MW-07S_WG_072903	MW-07S_WG_020304
			ug/l	ug/l	ug/l	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	0.5 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		10 U	10 U	1 U	1 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		10 U	10 U	1 U	1 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		10 U	10 U	1 U	1 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		10 U	10 U	1 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 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	0.5 U	0.5 U	0.5 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	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
2-Hexanone	50		10 U	10 U	2 U	2 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
4-Methyl-2-pentanone	NS		10 U	10 U	2 U	2 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Acetone	50		10 U	10 U	2 U	2 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Benzene	1		10 U	10 U	1 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Bromodichloromethane	50		10 U	10 U	1 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Bromoform	50		10 U	10 U	1 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Bromomethane	5		10 U	10 U	2 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Carbon disulfide	60		10 U	10 U	1 U	1 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		10 U	10 U	1 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Chlorobenzene	5		10 U	10 U	1 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Chloroethane	5		10 U	10 U	1 U	1 U	1 U	1 U	1 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	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	0.5 U	0.5 U	0.5 U	0.1 J	0.3 J
cis-1,3-Dichloropropene	0.4		10 U	10 U	1 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Dibromochloromethane	50		10 U	10 U	1 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Ethylbenzene	5		10 U	10 U	1 U	1 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		10 U	10 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	4 U	4 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Methylene chloride	5		10 U	10 U	1 U	1 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
Styrene	5		10 U	10 U	1 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Tetrachloroethene	5		10 U	10 U	1 U	1 U	0.5 U	0.1 J	0.1 J	0.2 J	0.3 J	0.2 J	0.2 J
Toluene	5		10 U	10 U	1 U	1 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		---	---	---	---	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	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	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Trichloroethene	5		10 U	10 U	1 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.1 J	0.4 J
Vinyl chloride	2		10 U	10 U	1 U	1 U	1 U	1 U	1 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	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	Class GA GW Stds (ug/l)	Location ID Depth Interval Sample Date	MW-07S MW-07S_WG_051704 5/17/2004	MW-07S MW-07S_WG_080404 8/4/2004	MW-07S MW-07S_WG_111504 11/15/2004	MW-07S MW-07S_WG_021405 2/14/2005	MW-07S MW-07S_WG_041805 4/18/2005	MW-07S MW-7S_09082005 9/8/2005	MW-07S MW-7S_11162005 11/16/2005	MW-07S MW-7S_04262006 4/26/2006	MW-07S MW-7S_11152006 11/15/2006	MW-07S MW-7S_050207 5/2/2007	MW-07S MW 7-S-103107 10/31/2007
			ug/l	ug/l	ug/l	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	0.5 U	0.5 U	0.5 U	0.50 U	0.50 U	0.50 U	0.5 U	0.5 U	0.5 HU
1,1,2,2-Tetrachloroethane	5		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.50 U	0.50 U	0.50 U	0.5 U	0.5 U	0.5 HU
1,1,2-Trichloroethane	1		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.50 U	0.50 U	0.50 U	0.5 U	0.5 U	0.5 HU
1,1-Dichloroethane	5		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.50 U	0.50 U	0.50 U	0.5 U	0.5 U	0.5 HU
1,1-Dichloroethene	5		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.50 U	0.50 U	0.50 U	0.5 U	0.5 U	0.5 HU
1,2-Dichloroethane	0.6		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.50 U	0.50 U	0.50 U	0.5 U	0.5 U	0.5 HU
1,2-Dichloroethene (Total)	5		---	---	---	---	---	---	---	---	---	---	---
1,2-Dichloropropane	1		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.50 U	0.50 U	0.50 U	0.5 U	0.5 U	0.5 HU
2-Hexanone	50		5 U	5 U	5 U	5 U	5 U	5.00 U	5.00 U	5.00 U	5 U	5 U	5 HU
4-Methyl-2-pentanone	NS		5 U	5 U	5 U	5 U	5 U	5.00 U	5.00 U	5.00 U	5 U	5 U	5 HU
Acetone	50		10 U	10 U	10 U	10 U	10 U	2.13 J	10.0 U	10.0 U	10 U	10 U	10 HU
Benzene	1		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.50 U	0.50 U	0.50 U	0.5 U	0.5 U	0.5 HU
Bromodichloromethane	50		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.50 U	0.50 U	0.50 U	0.5 U	0.5 U	0.5 HU
Bromoform	50		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.50 U	0.50 U	0.50 U	0.5 U	0.5 U	0.5 HU
Bromomethane	5		1 U	1 U	1 U	1 U	1 U	1.00 U	1.00 U	1.00 U	1 U	1 U	1 HU
Carbon disulfide	60		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.50 U	0.50 U	0.50 U	0.5 U	0.5 U	0.5 HU
Carbon tetrachloride	5		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.50 U	0.50 U	0.50 U	0.5 U	0.5 U	0.5 HU
Chlorobenzene	5		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.50 U	0.50 U	0.50 U	0.5 U	0.5 U	0.5 HU
Chloroethane	5		1 U	1 U	1 U	1 U	1 U	1.00 U	1.00 U	1.00 U	1 U	1 U	1 HU
Chloroform	7		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.50 U	0.50 U	0.50 U	0.5 U	0.5 U	0.5 HU
cis-1,2-Dichloroethene	5		0.3 J	0.4 J	0.5 J	0.4 J	0.5 J	0.64	0.34 J	0.46 J	0.6	0.27 J	0.39 JH
cis-1,3-Dichloropropene	0.4		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.50 U	0.50 U	0.50 U	0.5 U	0.5 U	0.5 HU
Dibromochloromethane	50		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.50 U	0.50 U	0.50 U	0.5 U	0.5 U	0.5 HU
Ethylbenzene	5		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.50 U	0.50 U	0.50 U	0.5 U	0.5 U	0.5 HU
Methyl chloride	5		1 U	1 U	1 U	1 U	1 U	1.00 U	1.00 U	1.00 U	1 U	1 U	1 HU
Methyl ethyl ketone	50		10 U	10 U	10 U	10 U	10 U	10.0 U	10.0 U	10.0 U	10 U	10 U	10 HU
Methylene chloride	5		2 U	2 U	2 U	2 U	2 U	2.00 U	2.00 U	0.16 J	2 U	2 U	2 HU
Styrene	5		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.50 U	0.50 U	0.50 U	0.5 U	0.5 U	0.5 HU
Tetrachloroethene	5		0.1 J	0.2 J	0.2 J	0.2 J	0.2 J	0.28 J	0.37 J	0.31 J	0.51	0.42 J	0.46 JH
Toluene	5		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.50 U	0.50 U	0.50 U	0.5 U	0.5 U	0.5 HU
trans-1,2-Dichloroethene	5		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.50 U	0.50 U	0.50 U	0.5 U	0.5 U	0.5 HU
trans-1,3-Dichloropropene	0.4		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.50 U	0.50 U	0.50 U	0.5 U	0.5 U	0.5 HU
Trichloroethene	5		0.4 J	0.5	0.6	0.5	0.8	0.96	0.73	1.2	1.44	1	0.98 H
Vinyl chloride	2		1 U	1 U	1 U	1 U	1 U	1.00 U	1.00 U	1.00 U	1 U	1 U	1 HU
Xylenes, Total	5		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1.00 U	1.00 U	1.00 U	1 U	1 U	1 HU

NOTES:
 U - not detected, J - estimated, D - Diluted Result, H - Holding time exceeded, R - unusable, NS - no standard, Dup - duplicate sample, --- Not analyzed, F - MS and/or MSD recovery/RPD exceeds the control limits
 [] - Exceeds NYS Class GA Ground Water 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 Depth Interval Sample Date Sample ID	MW-07S MW 7-S-052108 ug/l	MW-07S MW 7-S-112008 ug/l	MW-07S MW-7S-10202009 ug/l	MW-07S W-7S-051710051720 ug/l	MW-07S MW-7S-01182011 ug/l	MW-07S MW-7S-041911 ug/l	MW-07S MW-7S072711 ug/l	MW-07S MW7S102611 ug/l	MW-07S MW7S032112 ug/l	MW-7S MW7S080812 ug/l	MW-7S MW-7S-121812 ug/l
1,1,1-Trichloroethane	5		0.5 U	0.5 U	1 U	1 U	1 U	1 U	1 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 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 U	1 U	1 U	1 U	1 U
1,1-Dichloroethane	5		0.5 U	0.5 U	1 U	1 U	1 U	1 U	1 U	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 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 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	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	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
Acetone	50		10 U	10 U	5 U	5 U	10 U	10 U	3 J	10 U	10 U	10 U	10 U
Benzene	1		0.5 U	0.5 U	1 U	1 U	1 U	1 U	1 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	1 U	1 U	1 U	1 U	1 U
Bromoform	50		1 U	1 U	1 U	1 U	1 U	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	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	1 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	1 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	1 U	1 U	1 U	1 U	1 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
Chloroform	7		0.5 U	0.5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
cis-1,2-Dichloroethene	5		0.35 J	0.34 J	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
cis-1,3-Dichloropropene	0.4		0.5 U	0.5 U	1 U	1 U	1 U	1 U	1 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	1 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	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	1 U	1 U	1 U	1 U
Methyl ethyl ketone	50		10 U	10 U	---	5 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Methylene chloride	5		2 U	2 U	1 U	1 U	1 U	1 U	1 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	1 U	1 U	1 U	1 U	1 U
Tetrachloroethene	5		0.44 J	0.69	1 U	1 U	0.58 J	1 U	1 U	0.41 J	0.44 J	0.67 J	1 U
Toluene	5		0.5 U	0.5 U	2.3	1 U	1 U	1 U	1.3	1 U	1 U	1 U	1 U
trans-1,2-Dichloroethene	5		0.5 U	0.5 U	1 U	1 U	1 U	1 U	1 U	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	1 U	1 U	1 U	1 U	1 U
Trichloroethene	5		1.42	1.25	1 U	0.86 J	1.4	1 U	1 U	0.86 J	1.3	1.7	1 U
Vinyl chloride	2		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Xylenes, Total	5		1 U	1 U	2 U	2 U	2 U	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 Stds (ug/l)	Location ID Depth Interval Sample Date Sample ID	MW-7S MW-7S-052313 ug/l	MW-7S MW-7S-082013 ug/l	MW-7S MW-7S-121713 ug/l	MW-7S MW-7S-032614 ug/l	MW-7S MW-7S-061114 ug/l	MW-7S MW7S092414 ug/l	MW-7S MW 7S 121014 ug/l	MW-7S MW7S031815 ug/l	MW-7S MW7S031815 ug/l	MW-7S MW7S 092315 ug/l	MW-7S MW7S 011216 ug/l
1,1,1-Trichloroethane	5		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 UF	1 U	1 U
1,1,2,2-Tetrachloroethane	5		1 U	1 U	1 U	1 U	1 U	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 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 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 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 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	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*	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
Acetone	50		10 U	10 U	10 U	10 U	10 U	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	1 U	1 U	1 U	1 U	1 U
Bromodichloromethane	50		1 U	1 U	1 U	1 U	1 U	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	1 U	1 U	1 U	1 U	1 U
Bromomethane	5		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 UF	1 UF	1 U	1 U
Carbon disulfide	60		1 U	1 U	1 U	1 U	1 U	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	1 U	1 U	1 U	1 U	1 U
Chlorobenzene	5		1 U	1 U	1 U	1 U	1 U	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	1 U	1 UF	1 UF	1 U	1 U
Chloroform	7		1 U	1 U	1 U	1 U	1 U	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	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	1 U	1 U	1 U	1 U	1 U
Dibromochloromethane	50		1 U	1 U	1 U	1 U	1 U	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	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	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
Methylene chloride	5		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 UF	1 U	1 U	1 U
Styrene	5		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Tetrachloroethene	5		0.82 J	1 U	1 U	1 U	0.42 J	1 U	0.47 J	1 U	1 UF	1 U	1 U
Toluene	5		1 U	1 U	1 U	1 U	1 U	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	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	1 U	1 U	1 U	1 U	1 U
Trichloroethene	5		1.7	1.2	1.2	0.48 J	1.3	0.97 J	1.7	1 U	1 U	1.3	0.78 J
Vinyl chloride	2		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 UF	1 U	1 U	1 U
Xylenes, Total	5		2 U	2 U	2 U	2 U	2 U	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 Stds (ug/l)	Location ID Depth Interval Sample Date Sample ID	MW-7S MW7S 032916 ug/l	X-1 MW7S 032916 ug/l	MW-7S MW7S 062216 ug/l	MW-7S MW7S 092116 ug/l	MW-7S MW7S 122116 ug/l	MW-7S MW7S 041217 ug/l	MW-7S MW7S 062817 ug/l	MW-7S MW7S 091317 ug/l	MW-7S MW7S 122017 ug/l	MW-07S MW 7S 031418 ug/l	MW-07S MW 7S 061918 ug/l
1,1,1-Trichloroethane	5		1 U	1 U	1 U	1 U	1 U	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 U	1 U	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 U	1 U	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 U	1 U	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 U	1 U	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 U	1 U	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 U	1 U	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 U	5 U	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 U	5 U	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	10 U	10 U	10 U	10 U	3.0 J
Benzene	1		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1.0 U	1.0 U	1.0 U
Bromodichloromethane	50		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1.0 U	1.0 U	1.0 U
Bromoform	50		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1.0 U	1.0 U	1.0 U
Bromomethane	5		1 U	1 U	1 U	1 U	1 U	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 U	1 U	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 U	1 U	1 U	1 U	1 U	1.0 U	1.0 U	1.0 U
Chlorobenzene	5		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1.0 U	1.0 U	1.0 U
Chloroethane	5		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1.0 U	1.0 U	1.0 U
Chloroform	7		1 U	1 U	1 U	1 U	1 U	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	2.6	1 U	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 U	1 U	1 U	1 U	1 U	1.0 U	1.0 U	1.0 U
Dibromochloromethane	50		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1.0 U	1.0 U	1.0 U
Ethylbenzene	5		1 U	1 U	1 U	1 U	1 U	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 U	1 U	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	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	1 U	1 U	1.0 U	1.0 U	1.0 U
Styrene	5		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1.0 U	1.0 U	1.0 U
Tetrachloroethene	5		1 U	1 U	1 U	0.46 J	0.53 J	1 U	1 U	0.66 J	1.0 U	0.50 J	1.0 U
Toluene	5		1 U	1 U	1 U	1	1 U	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 U	1 U	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 U	1 U	1 U	1 U	1 U	1.0 U	1.0 U	1.0 U
Trichloroethene	5		1 U	1 U	0.62 J	2.4	1.4	1	1	1.8	1.1	1.4	0.52 J
Vinyl chloride	2		1 U	1 U	1 U	1 U	1 U	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 U	2 U	2 U	2 U	2 U	2.0 U	2.0 U	2.0 U

NOTES:
 U - not detected, J - estimated, D - Diluted Result, H - Holding time exceeded, R - unusable, NS - no standard, Dup - duplicate sample, --- Not analyzed, F - MS and/or MSD recovery/RPD exceeds the control limits
 [] - Exceeds NYS Class GA Ground Water 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	Location ID	MW-07S	MW-07S	MW-07S	MW-07S	MW-07S	MW-07S	MW-07S	MW-07S	MW-07S	MW-07S	MW-07S	MW-07S	
		Depth Interval	Sample Date	Sample ID	Sample ID	Sample ID	Sample ID	Sample ID	Sample ID	Sample ID	Sample ID	Sample ID	Sample ID	Sample ID	
			9/18/2018	11/28/2018	3/19/2019	3/19/2019	6/20/2019	6/20/2019	9/24/2019	12/18/2019	12/18/2019	3/18/2020	6/17/2020	9/24/2020	
			MW 7S 091818	MW-7S-112818	MW-7S-031919	X-1-031919	MW-7S-062019	X-1-062019	MW-7S-092419	MW-7S-121819	X-1-121819	MW 7S 031820	MW7S061720	MW7S092420	
			ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/L	ug/L	
GW Stds	(ug/l)														
1,1,1-Trichloroethane	5		1.0 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	4 U	1 U
1,1,2,2-Tetrachloroethane	5		1.0 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	4 U	1 U
1,1,2-Trichloroethane	1		1.0 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	4 U	1 U
1,1-Dichloroethane	5		1.0 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	4 U	1 U
1,1-Dichloroethene	5		1.0 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	4 U	1 U
1,2-Dichloroethane	0.6		1.0 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	4 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	1 U	1 U	1 U	1 U	1 U	4 U	1 U
2-Hexanone	50		5.0 U	5 U *	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	20 U	5 U
4-Methyl-2-pentanone	NS		5.0 U*	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	20 U	5 U
Acetone	50		10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	40 U	10 U
Benzene	1		1.0 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	4 U	1 U
Bromodichloromethane	50		1.0 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	4 U	1 U
Bromoform	50		1.0 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	4 U	1 U
Bromomethane	5		1.0 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	4 U	1 U
Carbon disulfide	60		0.28 J	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	4 U	1 U
Carbon tetrachloride	5		1.0 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	4 U	1 U
Chlorobenzene	5		1.0 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	4 U	1 U
Chloroethane	5		1.0 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	4 U	1 U
Chloroform	7		1.0 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	4 U	1 U
cis-1,2-Dichloroethene	5		1.0 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	4 U	1 U
cis-1,3-Dichloropropene	0.4		1.0 U	1 U *	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	4 U	1 U
Dibromochloromethane	50		1.0 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	4 U	1 U
Ethylbenzene	5		1.0 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	4 U	1 U
Methyl chloride	5		1.0 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	4 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	40 U	10 U
Methylene chloride	5		1.0 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	4 U	1 U
Styrene	5		1.0 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	4 U	1 U
Tetrachloroethene	5		0.47 J	0.39 J	0.42 J	0.5 J	0.44 J*	0.47 J*	1 U	0.46 J	0.56 J	0.5 J	1 U	4 U	0.46 J
Toluene	5		1.0 U	1 U	1 U	1 U	1 U	1 U	0.57 J	1 U	1 U	1 U	1 U	4 U	1 U
trans-1,2-Dichloroethene	5		1.0 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	4 U	1 U
trans-1,3-Dichloropropene	0.4		1.0 U	1 U *	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	4 U	1 U
Trichloroethene	5		1.2	1.1	1.3	1.2	1.2	1.3	0.87 J	1.4	1.4	1.6	0.92 J	4 U	1.3
Vinyl chloride	2		1.0 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	4 U	1 U
Xylenes, Total	5		2.0 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	8 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 Stds (ug/l)	Location ID Depth Interval Sample Date	MW-07D - 9/21/1995	MW-07D - 11/14/1995	MW-07D - 7/23/1997	MW-07D - 9/18/1997	MW-07D - 2/18/2000	MW-07D - 8/16/2001	MW-07D - 11/28/2001	MW-07D - 2/25/2002	MW-07D - 5/16/2002	MW-07D - 7/29/2003	MW-07D - 2/3/2004
		Sample ID	MW-07D_WG_092195	MW-07D_WG_111495	MW-07D_WG_072397	MW-07D_WG_091897	MW-07D_WG_021800	MW-07D_WG_081601	MW-07D_WG_112801	MW-07D_WG_022502	MW-07D_WG_051602	MW-07D_WG_072903	MW-07D_WG_020304
			ug/l	ug/l	ug/l	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	[5.7]	[12]	[34]	[34]	[35]	[33]	[31]	1	0.8
1,1,2,2-Tetrachloroethane	5		10 U	10 U	1 U	1 U	0.5 U	0.5 U	5 UJ	1 U	5 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	5 U	1 U	5 U	0.5 U	0.5 U
1,1-Dichloroethane	5		10 U	10 U	[8]	[15]	[41]	[35]	[33]	[31]	[29]	[7]	[6]
1,1-Dichloroethene	5		10 U	10 U	1 U	1.3	4	3	3 J	2	3 J	0.5 J	0.4 J
1,2-Dichloroethane	0.6		10 U	10 U	1 U	1 U	0.2 J	0.5 U	5 U	1 U	5 U	0.5 U	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	5 U	1 U	5 U	0.5 U	0.5 U
2-Hexanone	50		10 UJ	10 U	2 U	2 U	5 U	5 U	50 U	10 U	50 U	5 U	5 U
4-Methyl-2-pentanone	NS		10 U	10 U	2 U	2 U	5 U	5 U	50 U	10 U	50 U	5 U	5 U
Acetone	50		17	10 UJ	2 U	2 U	10 U	10 J	100 U	20 U	100 UJ	10 U	10 U
Benzene	1		[1]	10 U	1 U	1 U	0.5 U	0.5 U	5 U	1 U	5 U	0.5 U	0.5 U
Bromodichloromethane	50		10 U	10 U	1 U	1 U	0.5 U	0.5 U	5 U	1 U	5 U	0.5 U	0.5 U
Bromoform	50		10 U	10 U	1 U	1 U	0.5 U	0.5 U	5 U	1 U	5 U	0.5 U	0.5 U
Bromomethane	5		10 U	10 U	2 U	2 U	1 U	1 UJ	10 U	2 U	10 UJ	1 U	1 U
Carbon disulfide	60		10 U	10 U	1 U	1 U	0.5 U	0.5 UJ	5 U	1 U	5 U	0.5 U	0.5 U
Carbon tetrachloride	5		10 U	10 U	1 U	1 U	0.5 U	0.5 UJ	5 U	1 U	5 U	0.5 U	0.5 U
Chlorobenzene	5		10 U	10 U	1 U	1 U	0.5 U	0.5 U	5 U	1 U	5 U	0.5 U	0.5 U
Chloroethane	5		10 U	10 U	1 U	1 U	0.2 J	1 UJ	10 U	2 U	10 U	1 U	1 U
Chloroform	7		10 UJ	10 U	1 U	1 U	0.5 U	0.5 U	5 U	1 U	5 U	0.5 U	0.5 U
cis-1,2-Dichloroethene	5		---	---	---	---	[190]	[220] E	[240]	[210] D	[220]	[38]	[33]
cis-1,3-Dichloropropene	0.4		10 U	10 U	1 U	1 U	0.5 U	0.5 U	5 U	1 U	5 U	0.5 U	0.5 U
Dibromochloromethane	50		10 U	10 U	1 U	1 U	0.5 U	0.5 U	5 U	1 U	5 U	0.5 U	0.5 U
Ethylbenzene	5		0.7	10 U	1 U	1 U	0.5 U	0.5 U	5 U	1 U	5 U	0.5 U	0.5 U
Methyl chloride	5		10 UJ	10 U	1 U	1 U	0.3 J	1 U	10 U	2 U	10 U	1 U	1 U
Methyl ethyl ketone	50		10 UJ	10 U	4 U	4 U	10 U	10 U	100 U	20 U	100 U	10 U	10 U
Methylene chloride	5		10 UJ	10 U	1 U	1 U	2 J	2 U	20 U	0.2 J	20 U	2 U	2 U
Styrene	5		10 U	10 U	1 U	1 U	0.5 U	0.5 U	5 U	1 UJ	5 U	0.5 U	0.5 U
Tetrachloroethene	5		10 U	10 U	1 U	1 U	0.5 U	0.5 U	5 U	1 U	5 U	0.5 U	0.5 U
Toluene	5		2	10 U	1 U	1 U	0.5 U	0.5 U	5 U	1 U	5 U	0.5 U	0.5 U
trans-1,2-Dichloroethene	5		---	---	---	---	[18]	3	4 J	3	3 J	0.4 J	0.4 J
trans-1,3-Dichloropropene	0.4		10 U	10 U	1 U	1 U	0.5 U	0.5 U	5 U	1 U	5 U	0.5 U	0.5 U
Trichloroethene	5		10 U	10 U	1 U	1 U	2	0.8	5 U	0.8 J	5 U	0.5 U	0.1 J
Vinyl chloride	2		10 U	10 U	[26]	[52]	[79]	[100] E	[160]	[120] E	[130]	[35]	[32]
Xylenes, Total	5		3	10 U	1 U	1 U	0.5 U	0.5 U	5 U	1 U	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-07D	MW-07D	MW-07D	MW-07D	MW-07D	MW-07D	MW-07D	MW-07D	MW-07D	MW-07D	MW-07D	MW-07D
Depth Interval	-	-	-	-	-	-	-	-	-	-	-	-
Sample Date	5/17/2004	8/4/2004	11/15/2004	2/14/2005	4/18/2005	9/8/2005	11/16/2005	4/26/2006	11/15/2006	5/2/2007	10/31/2007	
Class GA	MW-07D_WG_051704	MW-07D_WG_080404	MW-07D_WG_111504	MW-07D_WG_021405	MW-07D_WG_041805	MW-7D_09082005	MW-7D_11162005	MW-7D_04262006	MW-7D_11152006	MW-7D_050207	MW 7-D-103107	
GW Stds	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l
Chemical Name	(ug/l)											
1,1,1-Trichloroethane	5	0.6	0.3 J	0.5	0.2 J	0.4 J	0.29 J	0.17 J	0.50 U	0.18 J	0.13 J	0.5 HU
1,1,2,2-Tetrachloroethane	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.50 U	0.50 U	0.50 U	0.50 U	0.5 U	0.5 HU
1,1,2-Trichloroethane	1	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.50 U	0.50 U	0.50 U	0.50 U	0.5 U	0.5 HU
1,1-Dichloroethane	5	4	0.7	4	0.9	3	2.42	0.41 J	0.27 J	1.75	1.6	1.03 H
1,1-Dichloroethene	5	0.3 J	0.5 U	0.3 J	0.5 U	0.2 J	0.17 J	0.50 U	0.50 U	0.13 J	0.13 J	0.5 HU
1,2-Dichloroethane	0.6	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.50 U	0.50 U	0.50 U	0.50 U	0.5 U	0.5 HU
1,2-Dichloroethene (Total)	5	---	---	---	---	---	---	---	---	---	---	---
1,2-Dichloropropane	1	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.50 U	0.50 U	0.50 U	0.50 U	0.5 U	0.5 HU
2-Hexanone	50	5 U	5 U	5 U	5 U	5 U	5.00 U	5.00 U	5.00 U	5 U	5 U	5 HU
4-Methyl-2-pentanone	NS	5 U	5 U	5 U	5 U	5 U	5.00 U	5.00 U	5.00 U	5 U	5 U	5 HU
Acetone	50	10 U	10 U	10 U	10 U	10 U	1.71 J	10.0 U	10.0 U	10 U	10 U	10 HU
Benzene	1	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.50 U	0.50 U	0.50 U	0.50 U	0.5 U	0.5 HU
Bromodichloromethane	50	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.50 U	0.50 U	0.50 U	0.50 U	0.5 U	0.5 HU
Bromoform	50	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.50 U	0.50 U	0.50 U	0.50 U	0.5 U	0.5 HU
Bromomethane	5	1 U	1 U	1 U	1 U	1 U	1.00 U	1.00 U	1.00 U	1 U	1 U	1 HU
Carbon disulfide	60	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.50 U	0.50 U	0.50 U	0.50 U	0.5 U	0.5 HU
Carbon tetrachloride	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.50 U	0.50 U	0.50 U	0.50 U	0.5 U	0.5 HU
Chlorobenzene	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.50 U	0.50 U	0.50 U	0.50 U	0.5 U	0.5 HU
Chloroethane	5	1 U	1 U	1 U	1 U	1 U	1.00 U	1.00 U	1.00 U	1 U	1 U	1 HU
Chloroform	7	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.50 U	0.50 U	0.50 U	0.50 U	0.5 U	0.5 HU
cis-1,2-Dichloroethene	5	[23]	[5]	[23]	[5]	[15]	[13.1]	2.58	1.75	[9.52]	[8.99]	[6.48] H
cis-1,3-Dichloropropene	0.4	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.50 U	0.50 U	0.50 U	0.50 U	0.5 U	0.5 HU
Dibromochloromethane	50	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.50 U	0.50 U	0.50 U	0.50 U	0.5 U	0.5 HU
Ethylbenzene	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.50 U	0.50 U	0.50 U	0.50 U	0.5 U	0.5 HU
Methyl chloride	5	1 U	1 U	1 U	1 U	1 U	1.00 U	1.00 U	1.00 U	1 U	1 U	1 HU
Methyl ethyl ketone	50	10 U	10 U	10 U	10 U	10 U	10.0 U	10.0 U	10.0 U	10 U	10 U	10 HU
Methylene chloride	5	2 U	2 U	2 U	2 U	2 U	2.00 U	2.00 U	2.00 U	2 U	2 U	2 HU
Styrene	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.50 U	0.50 U	0.50 U	0.50 U	0.5 U	0.5 HU
Tetrachloroethene	5	0.5 U	0.1 J	0.5 U	0.5 U	0.5 U	0.50 U	0.12 J	0.50 U	0.50 U	0.5 U	0.5 HU
Toluene	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.50 U	0.50 U	0.50 U	0.50 U	0.5 U	0.5 HU
trans-1,2-Dichloroethene	5	0.2 J	0.1 J	0.2 J	0.5 U	0.1 J	0.11 J	0.50 U	0.50 U	0.50 U	0.5 U	0.5 HU
trans-1,3-Dichloropropene	0.4	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.50 U	0.50 U	0.50 U	0.50 U	0.5 U	0.5 HU
Trichloroethene	5	0.1 J	0.2 J	0.1 J	0.2 J	0.1 J	0.15 J	0.37 J	0.38 J	0.30 J	0.19 J	0.21 JH
Vinyl chloride	2	[24]	[2]	[22]	[3]	[17]	[13.9]	0.73 J	0.66 J	[10.7]	[12]	[9.18] H
Xylenes, Total	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1.00 U	1.00 U	1.00 U	1 U	1 U	1 HU

NOTES:
 U - not detected, J - estimated, D - Diluted Result, H - Holding time exceeded, R - unusable, NS - no standard, Dup - duplicate sample, --- Not analyzed, F - MS and/or MSD recovery/RPD exceeds the control limits
 [] - Exceeds NYS Class GA Ground Water 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 Depth Interval Sample Date Sample ID	MW-07D MW 7-D-052108 ug/l	MW-07D MW 7-D-112008 ug/l	MW-07D MW-7D-10202009 ug/l	MW-07D W-7D-051710051720 ug/l	MW-07D MW 7-D-01182011 ug/l	MW-07D MW-7D-041911 ug/l	MW-07D MW-7D072711 ug/l	MW-07D MW7D102511 ug/l	MW-07D X-1 ug/l	MW-07D MW7D032112 ug/l	MW-7D MW7D080812 ug/l
1,1,1-Trichloroethane	5		0.5 U	0.5 U	1 U	1 U	1 U	1 U	1 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 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 U	1 U	1 U	1 U	1 U
1,1-Dichloroethane	5		0.52	0.41 J	1 U	1 U	0.74 J	1 U	0.65 J	1 U	1 U	0.4 J	1 U
1,1-Dichloroethene	5		0.5 U	0.5 U	1 U	1 U	1 U	1 U	1 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 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	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	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
Acetone	50		10 U	10 U	5 U	5 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Benzene	1		0.5 U	0.5 U	1 U	1 U	1 U	1 U	1 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	1 U	1 U	1 U	1 U	1 U
Bromoform	50		1 U	1 U	1 U	1 U	1 U	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	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	1 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	1 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	1 U	1 U	1 U	1 U	1 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
Chloroform	7		0.5 U	0.5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
cis-1,2-Dichloroethene	5		2.86	2.33	2.3	2.1	3.9	0.92 J	4.2	1 U	2	2.4	0.86 J
cis-1,3-Dichloropropene	0.4		0.5 U	0.5 U	1 U	1 U	1 U	1 U	1 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	1 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	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	1 U	1 U	1 U	1 U
Methyl ethyl ketone	50		10 U	10 U	---	5 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Methylene chloride	5		2 U	2 U	1 U	1 U	1 U	1 U	1 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	1 U	1 U	1 U	1 U	1 U
Tetrachloroethene	5		0.12 J	0.3 J	1 U	1 U	1 U	1 U	1 U	1 U	1.1	1 U	1 U
Toluene	5		0.5 U	0.5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
trans-1,2-Dichloroethene	5		0.5 U	0.5 U	1 U	1 U	1 U	1 U	1 U	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	1 U	1 U	1 U	1 U	1 U
Trichloroethene	5		0.51	0.88	0.82 J	0.67 J	1 U	0.48 J	1 U	0.69 J	4.1	0.55 J	0.82 J
Vinyl chloride	2		[2.03]	1.08	1.3	1.6	[4.6]	1 U	[7.8]	1 U	1 U	2.1	1 U
Xylenes, Total	5		1 U	1 U	2 U	2 U	2 U	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 Stds (ug/l)	Location ID	MW-7D	MW-7D	MW-7D	MW-7D	MW-7D	MW-7D	MW-7D	MW-7D	MW-7D	MW-7D	
		Depth Interval	Sample Date	Sample ID	Sample ID	Sample ID	Sample ID	Sample ID	Sample ID	Sample ID	Sample ID	Sample ID	Sample ID
			MW-7D-121812	MW-7D-052313	MW-7D-082013	MW-7D-121713	MW-7D-032614	MW-7D-061114	MW7D092414	MW 7D 121014	MW7D031815	MW7D062415	MW7D 092315
			ug/l	ug/l	ug/l	ug/l	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 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 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 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 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 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 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	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	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
Acetone	50		10 U	10 U	10 U	10 U	10 U	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	1 U	1 U	1 U	1 U	1 U
Bromodichloromethane	50		1 U	1 U	1 U	1 U	1 U	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	1 U	1 U	1 U	1 U	1 U
Bromomethane	5		1 U	1 U	1 U	1 U	1 U	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	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	1 U	1 U	1 U	1 U	1 U
Chlorobenzene	5		1 U	1 U	1 U	1 U	1 U	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	1 U	1 U	1 U	1 U	1 U
Chloroform	7		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
cis-1,2-Dichloroethene	5		1 U	1.5	1 U	1 U	1 U	1.4	1	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	1 U	1 U	1 U	1 U	1 U
Dibromochloromethane	50		1 U	1 U	1 U	1 U	1 U	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	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	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
Methylene chloride	5		1 U	1 U	1 U	1 U	1 U	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	1 U	1 U	1 U	1 U	1 U
Tetrachloroethene	5		0.39 J	1 U	1 U	1 U	1 U	0.36 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	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	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	1 U	1 U	1 U	1 U	1 U
Trichloroethene	5		1.2	0.49 J	1.1	1	1 U	1.2	0.46 J	0.59 J	1 U	0.71 J	0.63 J
Vinyl chloride	2		1 U	1 U	1 U	1 U	1 U	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	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	Location ID	MW-7D	MW-7D	MW-7D	MW-7D	MW-7D	MW-7D	MW-7D	MW-7D	MW-07D	MW-07D	X-1
		Depth Interval	-	-	-	-	-	-	-	-	-	-	-
		Sample Date	1/13/2016	3/29/2016	6/22/2016	9/21/2016	12/21/2016	4/12/2017	6/28/2017	9/13/2017	12/20/2017	3/14/2018	6/19/2018
		Sample ID	MW7D 011316	MW7D 032916	MW7D 062216	MW7D 092116	MW7D 122116	MW7D 041217	MW7D 062817	MW7D 091317	MW7D 122017	MW 7D 031418	MW 7D 061918
		GW Stds	ug/l	ug/l	ug/l	ug/l	ug/l	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 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 U	1 U	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 U	1 U	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	0.89 J	1 U	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 U	1 U	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 U	1 U	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 U	1 U	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 U	5 U	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 U	5 U	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	10 U	10 U	10 U	10 U	10 U
Benzene	1		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1.0 U	1.0 U	1.0 U
Bromodichloromethane	50		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1.0 U	1.0 U	1.0 U
Bromoform	50		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1.0 U	1.0 U	1.0 U
Bromomethane	5		1 U	1 U	1 U	1 U	1 U	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 U	1 U	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 U	1 U	1 U	1 U	1 U	1.0 U	1.0 U	1.0 U
Chlorobenzene	5		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1.0 U	1.0 U	1.0 U
Chloroethane	5		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1.0 U	1.0 U	1.0 U
Chloroform	7		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1.0 U	1.0 U	1.0 U
cis-1,2-Dichloroethene	5		1 U	1 U	1.1	1 U	1 U	1 U	1 U	1 U	1.0 U	1.0 U	0.90 J
cis-1,3-Dichloropropene	0.4		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1.0 U	1.0 U	1.0 U
Dibromochloromethane	50		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1.0 U	1.0 U	1.0 U
Ethylbenzene	5		1 U	1 U	1 U	1 U	1 U	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 U	1 U	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	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	1 U	1 U	1.0 U	1.0 U	1.0 U
Styrene	5		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1.0 U	1.0 U	1.0 U
Tetrachloroethene	5		1 U	1 U	1 U	1 U	1 U	1 U	1 U	0.61 J	0.36 J	0.36 J	0.36 J
Toluene	5		1 U	1 U	1 U	1 U	1 U	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 U	1 U	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 U	1 U	1 U	1 U	1 U	1.0 U	1.0 U	1.0 U
Trichloroethene	5		0.85 J	0.58 J	0.53 J	1 U	1.1	1.1	0.99 J	1.6	1.1	1.1	0.80 J
Vinyl chloride	2		1 U	1 U	1 U	1 U	1 U	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 U	2 U	2 U	2 U	2 U	2.0 U	2.0 U	2.0 U

NOTES:
U - not detected, J - estimated, D - Diluted Result, H - Holding time exceeded, R - unusable, NS - no standard, Dup - duplicate sample, --- Not analyzed, F - MS and/or MSD recovery/RPD exceeds the control limits
[] - Exceeds NYS Class GA Ground Water 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-07D	MW-07D	MW-07D	MW-07D	MW-07D	MW-07D	MW-07D	MW-07D	MW-07D
			Depth Interval	Sample Date	Sample ID	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 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 U	1 U	1 U
1,1,2-Trichloroethane	1			1.0 U	1 U	1 U	1 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 U	1 U	1 U
1,1-Dichloroethene	5			1.0 U	1 U	1 U	1 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 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	1 U	1 U	1 U
2-Hexanone	50			5.0 U	5 U *	5 U	5 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	5 U	5 U	5 U
Acetone	50			10 U	10 U	10 U	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	1 U	1 U	1 U
Bromodichloromethane	50			1.0 U	1 U	1 U	1 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	1 U	1 U	1 U
Bromomethane	5			1.0 U	1 U	1 U	1 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	1 U	1 U	1 U
Carbon tetrachloride	5			1.0 U	1 U	1 U	1 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	1 U	1 U	1 U
Chloroethane	5			1.0 U	1 U	1 U	1 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	1 U	1 U	1 U
cis-1,2-Dichloroethene	5			0.92 J	1 U	1 U	1 U	1 U	1 U	1 U	1.1	1 U
cis-1,3-Dichloropropene	0.4			1.0 U	1 U *	1 U	1 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	1 U	1 U	1 U
Ethylbenzene	5			1.0 U	1 U	1 U	1 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	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
Methylene chloride	5			1.0 U	1 U	1 U	1 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	1 U	1 U	1 U
Tetrachloroethene	5			1.0 U	0.36 J	0.37 J	0.51 J*	ND	1 U	0.45 J	0.44 J	1 U
Toluene	5			1.0 U	1 U	1 U	1 U	1.0	1 U	1 U	1 U	1 U
trans-1,2-Dichloroethene	5			1.0 U	1 U	1 U	1 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	1 U	1 U	1 U
Trichloroethene	5			0.98 J	0.94 J	1.1	1.6	0.72 J	0.9 J	1.6	1.1	0.78 J
Vinyl chloride	2			1.0 U	1 U	1 U	1 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	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 Stds (ug/l)	Location ID	MW-07DD	MW-07DD	MW-07DD	MW-07DD	MW-07DD	MW-07DD	MW-07DD	MW-07DD	MW-07DD	MW-07DD	MW-07DD
		Depth Interval	53 - 55	66 - 68	82 - 84	-	53 - 55	53 - 55	53 - 55	53 - 55	53 - 55	53 - 55	-
Sample Date	Sample ID	7/29/2003	7/29/2003	7/29/2003	2/4/2004	5/18/2004	8/4/2004	11/15/2004	2/14/2005	4/18/2005	9/8/2005	11/16/2005	
MW-	MW-	MW-	MW-	MW-	MW-07DD_WG_02040	MW-	MW-	MW-	MW-	MW-	MW-07DD_09082005	MW-07DD_11162005	
07DD	07DD	07DD	07DD	07DD	07DD	07DD	07DD	07DD	07DD	07DD	07DD	07DD	07DD
WG	WG	WG	WG	WG	WG	WG	WG	WG	WG	WG	WG	WG	WG
072903	072903	072903	072903	072903	072903	051804	080404	111504	021405	041805	090805	11162005	
ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	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	0.5 U	0.5 U	0.5 U	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	0.5 U	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	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.50 U	0.50 U	
1,1-Dichloroethane	5	0.3 J	0.3 J	0.3 J	1	0.2 J	0.5 U	0.1 J	0.1 J	0.1 J	0.14 J	0.13 J	
1,1-Dichloroethene	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	0.50 U	0.50 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	0.50 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	0.5 U	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 U	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 U	5 U	5 U	5 U	5 U	5.00 U	5.00 U	
Acetone	50	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	1.87 J	10.0 U	
Benzene	1	0.5 U	0.5 U	0.2 J	0.2 J	0.5 U	0.5 U	0.1 J	0.5 U	0.5 U	0.36 J	[1.23]	
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	0.50 U	0.50 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	0.50 U	0.50 U	
Bromomethane	5	1 U	1 U	1 U	1 U	1 U	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	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.11 J	0.33 J	
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	0.50 U	0.50 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	0.50 U	0.50 U	
Chloroethane	5	1 U	1 U	1 U	1 U	1 U	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	0.5 U	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	0.5 J	[7]	0.3 J	0.3 J	0.4 J	0.3 J	0.2 J	0.35 J	0.36 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	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	0.5 U	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	0.1 J	0.4 J	0.5 U	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 U	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 U	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 U	2 U	2 U	2 U	2 U	2.00 U	0.26 J	
Styrene	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	0.50 U	0.50 U	
Tetrachloroethene	5	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	0.50 U	0.50 U	
Toluene	5	0.5 U	0.5 U	0.3 J	1	0.5 U	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	0.5 U	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	0.5 U	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	0.2 J	0.2 J	0.2 J	0.2 J	0.1 J	0.2 J	0.20 J	0.20 J	
Vinyl chloride	2	1 J	1 J	1 J	[9]	0.2 J	0.2 J	0.2 J	0.1 J	1 U	1.00 U	0.19 J	
Xylenes, Total	5	0.5 U	0.5 U	1	[5]	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1.00 U	1.00 U	

NOTES:
 U - not detected, J - estimated, D - Diluted Result, H - Holding time exceeded, R - unusable, NS - no standard, Dup - duplicate sample, --- Not analyzed, F - MS and/or MSD recovery/RPD exceeds the control limits
 [] - Exceeds NYS Class GA Ground Water 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	Location ID	MW-07DD	MW-07DD	MW-07DD	MW-07DD	MW-07DD	MW-07DD	MW-07DD	MW-07DD	MW-07DD	MW-07DD	MW-07DD	
		Depth Interval	-	-	-	-	-	-	-	-	-	-	-	
		Sample Date	4/26/2006	11/15/2006	5/2/2007	10/31/2007	5/22/2008	11/20/2008	10/20/2009	5/17/2010	1/18/2011	4/19/2011	7/27/2011	10/26/2011
		Sample ID	MW-7DD (2)_0426200	MW-7DD(2)_1115200	MW-7DD (2)_050207	MW 7-DD 2-103107	MW 7-DD 2-052208	MW 7-DD 2-112008	MW-7DD-10202009	V-7DD-05171005172C	MW-7DD-01182011	MW-7DD-041911	MW-7DD072711	MW7DD102611
		GW Stds	ug/l	ug/l	ug/l	ug/l	ug/l	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 U	1 U	1 U	1 U	1 U	1 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 U	1 U	1 U	1 U	1 U	1 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 U	1 U	1 U	1 U	1 U	1 U
1,1-Dichloroethane	5		0.50 U	0.5 U	0.5 U	0.5 HU	0.5 U	0.5 U	1 U	1 U	1 U	1 U	1 U	1 U
1,1-Dichloroethene	5		0.50 U	0.5 U	0.5 U	0.5 HU	0.5 U	0.5 U	1 U	1 U	1 U	1 U	1 U	1 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 U	1 U	1 U	1 U	1 U	1 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	1 U	1 U	1 U	1 U	1 U	1 U
2-Hexanone	50		5.00 U	5 U	5 U	5 HU	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
4-Methyl-2-pentanone	NS		5.00 U	5 U	5 U	5 HU	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Acetone	50		1.23 J	10 U	10 U	3.39 JH	10 U	10 U	5 U	5 U	10 U	10 U	10 U	10 U
Benzene	1		0.50 U	[1.18]	0.5 U	0.28 JH	0.5 U	0.5 U	1 U	1 U	1 U	1 U	1 U	1 U
Bromodichloromethane	50		0.50 U	0.5 U	0.5 U	0.5 HU	0.5 U	0.5 U	1 U	1 U	1 U	1 U	1 U	1 U
Bromoform	50		0.50 U	0.5 U	0.5 U	0.5 HU	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Bromomethane	5		1.00 U	1 U	1 U	1 HU	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Carbon disulfide	60		0.50 U	0.20 J	0.5 U	0.5 HU	0.5 U	0.5 U	1 U	1 U	1 U	1 U	1 U	1 U
Carbon tetrachloride	5		0.50 U	0.5 U	0.5 U	0.5 HU	0.5 U	0.5 U	1 U	1 U	1 U	1 U	1 U	1 U
Chlorobenzene	5		0.50 U	0.13 J	0.5 U	0.5 HU	0.5 U	0.5 U	1 U	1 U	1 U	1 U	1 U	1 U
Chloroethane	5		1.00 U	1 U	1 U	1 HU	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Chloroform	7		0.50 U	0.5 U	0.5 U	0.5 HU	0.5 U	0.5 U	1 U	1 U	1 U	1 U	1 U	1 U
cis-1,2-Dichloroethene	5		0.36 J	0.40 J	0.25 J	0.37 JH	0.29 J	0.25 J	0.88 J	1 U	1 U	1 U	1 U	1 U
cis-1,3-Dichloropropene	0.4		0.50 U	0.5 U	0.5 U	0.5 HU	0.5 U	0.5 U	1 U	1 U	1 U	1 U	1 U	1 U
Dibromochloromethane	50		0.50 U	0.5 U	0.5 U	0.5 HU	0.5 U	0.5 U	1 U	1 U	1 U	1 U	1 U	1 U
Ethylbenzene	5		0.50 U	0.5 U	0.5 U	0.5 HU	0.5 U	0.5 U	1 U	1 U	1 U	1 U	1 U	1 U
Methyl chloride	5		1.00 U	1 U	1 U	1 HU	1 U	1 U	---	1 U	1 U	1 U	1 U	1 U
Methyl ethyl ketone	50		10.0 U	10 U	10 U	10 HU	10 U	10 U	---	5 U	10 U	10 U	10 U	10 U
Methylene chloride	5		2.00 U	2 U	2 U	2 HU	2 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U
Styrene	5		0.50 U	0.5 U	0.5 U	0.5 HU	0.5 U	0.5 U	1 U	1 U	1 U	1 U	1 U	1 U
Tetrachloroethene	5		0.15 J	0.10 J	0.23 J	0.1 JH	0.3 J	0.41 J	1 U	1 U	1 U	1 U	1 U	1 U
Toluene	5		0.50 U	0.5 U	0.5 U	0.5 HU	0.5 U	0.5 U	1 U	0.7 J	1 U	1 U	1 U	1 U
trans-1,2-Dichloroethene	5		0.50 U	0.5 U	0.5 U	0.5 HU	0.5 U	0.5 U	1 U	1 U	1 U	1 U	1 U	1 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	1 U	1 U	1 U	1 U	1 U	1 U
Trichloroethene	5		0.53	0.48 J	0.47 J	0.55 H	0.79	0.7	1 U	1 U	1 U	0.46 J	1 U	0.62 J
Vinyl chloride	2		1.00 U	1 U	1 U	1 HU	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Xylenes, Total	5		1.00 U	1 U	1 U	1 HU	1 U	1 U	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 Stds (ug/l)	Location ID	MW-07DD	MW-7DD	MW-7DD	X-1	MW-7DD	MW-7DD	MW-7DD	MW-7DD	MW-7DD	MW-7DD	MW-7DD
			Depth Interval	Sample Date	Sample ID	ug/l	ug/l	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 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 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 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 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 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 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	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	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
Acetone	50			10 U	10 U	10 U	10 U	10 U	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	0.62 J	1 U	1 U	1 U	0.43 J
Bromodichloromethane	50			1 U	1 U	1 U	1 U	1 U	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	1 U	1 U	1 U	1 U	1 U
Bromomethane	5			1 U	1 U	1 U	1 U	1 U	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	1 U	1 U	0.32 J	1 U	1 U
Carbon tetrachloride	5			1 U	1 U	1 U	1 U	1 U	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	1 U	1 U	1 U	1 U	1 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
Chloroform	7			1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
cis-1,2-Dichloroethene	5			1 U	1.1	1.2	1.2	1 U	0.98 J	1 U	1 U	1.2	1.1	1 U
cis-1,3-Dichloropropene	0.4			1 U	1 U	1 U	1 U	1 U	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	1 U	1 U	1 U	1 U	1 U
Ethylbenzene	5			1 U	1 U	1 U	1 U	1 U	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	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	5 U	10 U	10 U
Methylene chloride	5			1 U	1 U	1 U	1 U	1 U	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	1 U	1 U	1 U	1 U	1 U
Tetrachloroethene	5			1 U	1 U	1 U	1 U	1 U	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	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	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	1 U	1 U	1 U	1 U	1 U
Trichloroethene	5			1.1	1 U	1 U	1 U	1 U	1 U	1 U	0.57 J	1 U	1 U	1 U
Vinyl chloride	2			1 U	1 U	1 U	1 U	1 U	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	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 Stds (ug/l)	Location ID Depth Interval Sample Date	MW-7DD MW7DD062415 ug/l	MW-7DD MW7DD 092315 ug/l	MW-7DD MW7DD 011316 ug/l	MW-7DD MW7DD 032916 ug/l	MW-7DD MW7DD 062216 ug/l	MW-7DD MW7DD 092116 ug/l	MW-7DD MW7DD 122016 ug/l	MW-7DD MW7DD 041217 ug/l	MW-7DD MW7DD 062817 ug/l	MW-7DD MW7DD 091317 ug/l	MW-7DD MW7DD 122017 ug/l
1,1,1-Trichloroethane	5		1 U	1 U	1 U	1 UF	1 U	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 U	1 U	1 U	1 U	1 U	1.0 U
1,1,2-Trichloroethane	1		1 U	1 U	1 U	1 UF	1 U	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 U	1 U	1 U	1 U	1 U	1.0 U
1,1-Dichloroethene	5		1 U	1 U	1 U	1 UF	1 U	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 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 UF	1 U	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 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 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	10 U	10 U	10 U	10 U	10 U
Benzene	1		0.56 J	0.52 J	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1.0 U
Bromodichloromethane	50		1 U	1 U	1 U	1 UF	1 U	1 U	1 U	1 U	1 U	1 U	1.0 U
Bromoform	50		1 U	1 U	1 U	1 UF	1 U	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 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 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 U	1 U	1 U	1 U	1 U	1.0 U
Chlorobenzene	5		1 U	1 U	1 U	1 UF	1 U	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 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 U	1 U	1 U	1 U	1 U	1.0 U
cis-1,2-Dichloroethene	5		0.85 J	1.1	0.92 J	1 U	1 U	1 U	1 U	1 U	1 U	1.2	1.0 U
cis-1,3-Dichloropropene	0.4		1 U	1 U	1 U	1 -	1 U	1 U	1 U	1 U	1 U	1 U	1.0 U
Dibromochloromethane	50		1 U	1 U	1 U	1 UF	1 U	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 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 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	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	1 U	1 U	1 U	1 U	1.0 U
Styrene	5		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1.0 U
Tetrachloroethene	5		1 U	1 U	1 U	1 UF	1 U	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	0.59 J	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 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 U	1 U	1 U	1 U	1 U	1.0 U
Trichloroethene	5		1 U	1 U	1 U	1 UF	0.6 J	1 U	1 U	0.78 J	0.5 J	1 U	1.0 U
Vinyl chloride	2		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1.0 U
Xylenes, Total	5		2 U	2 U	2 U	2 UF	2 U	2 U	2 U	2 U	2 U	2 U	2.0 U

NOTES:
 U - not detected, J - estimated, D - Diluted Result, H - Holding time exceeded, R - unusable, NS - no standard, Dup - duplicate sample, --- Not analyzed, F - MS and/or MSD recovery/RPD exceeds the control limits
 [] - Exceeds NYS Class GA Ground Water 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	Location ID	MW-7DD	MW-7DD	MW-7DD	MW-7DD	MW-7DD	MW-7DD	MW-7DD	MW-7DD	MW-07DD	MW-07DD	MW-07DD	MW-07DD
		Depth Interval	-	-	-	-	-	-	-	-	-	--	--	--
		Sample Date	3/14/2018	6/19/2018	9/18/2018	11/28/2018	3/19/2019	6/20/2019	9/24/2019	12/18/2019	3/18/2020	6/17/2020	6/17/2020	12/15/2020
		Sample ID	X-1 031418	MW 7DD 061918	MW 7DD 091818	MW-7DD-112818	MW-7DD-031919	MW-7DD-062019	MW-7DD-092419	MW-7DD-121819	MW 7DD 031820	MW7DD061720	MW7DD061720	MW7DD 121520
		GW Stds	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	µg/L	µg/L	µg/L
		(ug/l)												
1,1,1-Trichloroethane	5		1.0 U	1.0 U	1.0 U	1 U	1 U	1 U	1 U	1 U	1 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 U	1 U	1 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 U	1 U	1 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 U	1 U	1 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 U	1 U	1 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 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichloroethene (Total)	5		---	---	---	---	---	---	---	---	---	---	---	---
1,2-Dichloropropane	1		1.0 U	1.0 U	1.0 U	1 U	1 U	1 U	1 U	1 U	1 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	5 U	5 U	5 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	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	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	1 U	1 U	1 U	1 U	1 U	1 U
Bromodichloromethane	50		1.0 U	1.0 U	1.0 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Bromoform	50		1.0 U	1.0 U	1.0 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Bromomethane	5		1.0 U	1.0 U	1.0 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Carbon disulfide	60		1.0 U	1.0 U	1.0 U	0.33 J B	1 U	0.46 J	1 U	1 U	1 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	1 U	1 U	1 U	1 U	1 U	1 U
Chlorobenzene	5		1.0 U	1.0 U	1.0 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Chloroethane	5		1.0 U	1.0 U	1.0 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Chloroform	7		1.0 U	1.0 U	1.0 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
cis-1,2-Dichloroethene	5		1.0 U	1.0 U	1.1	1 U	1 U	1 U	1 U	1 U	1 U	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	1 U	1 U	1 U	1 U	1 U	1 U
Dibromochloromethane	50		1.0 U	1.0 U	1.0 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Ethylbenzene	5		1.0 U	1.0 U	1.0 U	1 U	1 U	1 U	1 U	1 U	1 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	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		1.0 U	1.0 U	1.0 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Styrene	5		1.0 U	1.0 U	1.0 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Tetrachloroethene	5		1.0 U	1.0 U	1.0 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Toluene	5		1.0 U	1.0 U	1.0 U	1 U	1 U	1 U	0.59 J	1 U	1 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	1 U	1 U	1 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	1 U	1 U	1 U	1 U	1 U	1 U
Trichloroethene	5		1.0 U	0.53 J	1.0 U	1 U	1 U	1 U	0.61 J	0.67 J	0.62 J	0.6 J	1 U	1 U
Vinyl chloride	2		1.0 U	1.0 U	1.0 U	1 U	1 U	1 U	1 U	1 U	1 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	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 Stds (ug/l)	Location ID	MW-08S	MW-08S	MW-08S	MW-08S	MW-08S	MW-08S	MW-08S	MW-08S	MW-08S	MW-08S
			Depth Interval	Sample Date	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	MW-08S_WG_112801	MW-08S_WG_022502
1,1,1-Trichloroethane	5			10 U	10 U	1 U	1 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			10 U	10 U	1 U	1 U	0.5 U	0.5 U	0.5 U	0.5 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	0.5 U	0.5 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	0.5 U	0.5 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	0.5 U	0.5 U	0.5 U	0.1 J
1,2-Dichloroethane	0.6			10 U	10 U	1 U	1 U	0.5 U	0.5 U	0.5 U	0.5 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	0.5 U	0.5 U	0.5 U	0.5 U
2-Hexanone	50			10 UJ	10 U	2 U	2 U	5 U	5 U	5 U	5 U	5 U	5 U
4-Methyl-2-pentanone	NS			10 U	10 U	2 U	2 U	5 U	5 U	5 U	5 U	5 U	5 U
Acetone	50			10 UJ	10 UJ	2 U	2 U	10 J	10 J	10 U	10 U	10 U	1 J
Benzene	1			10 U	10 U	1 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Bromodichloromethane	50			10 U	10 U	1 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Bromoform	50			10 U	10 UJ	1 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Bromomethane	5			10 U	10 U	2 U	2 U	1 U	1 U	1 U	1 U	1 UJ	1 U
Carbon disulfide	60			10 U	10 U	1 U	1 U	0.5 U	0.5 U	10	0.5 U	0.5 U	0.5 U
Carbon tetrachloride	5			10 U	10 U	1 U	1 U	0.5 U	0.5 UJ	0.5 U	0.5 U	0.5 U	0.5 U
Chlorobenzene	5			10 U	10 U	1 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Chloroethane	5			10 U	10 U	1 U	1 U	1 U	1 UJ	1 U	1 U	1 U	1 U
Chloroform	7			10 UJ	10 U	1 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
cis-1,2-Dichloroethene	5			---	---	---	---	[9]	[7]	[5]	[5]	4	[5]
cis-1,3-Dichloropropene	0.4			10 U	10 U	1 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Dibromochloromethane	50			10 U	10 U	1 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Ethylbenzene	5			10 U	10 U	1 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Methyl chloride	5			10 UJ	10 U	1 U	1 U	1 U	1 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	10 U	10 U	10 U	10 U
Methylene chloride	5			10 UJ	10 U	1 U	1 U	2 J	2 J	2 U	2 U	2 U	2 U
Styrene	5			10 U	10 U	1 U	1 U	0.5 U	0.5 U	0.5 U	0.5 UJ	0.5 U	0.5 U
Tetrachloroethene	5			10 U	10 U	1 U	1 U	0.5 U	0.5 U	0.2 J	0.9	1	0.4 J
Toluene	5			10 U	10 U	1 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
trans-1,2-Dichloroethene	5			---	---	---	---	0.5 J	0.1 J	0.1 J	0.5 U	0.1 J	0.1 J
trans-1,3-Dichloropropene	0.4			10 U	10 U	1 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Trichloroethene	5			2	2	1.7	1.6	3	1	3	[6]	[6]	3
Vinyl chloride	2			[3]	10 U	[2.3]	[2]	[3]	[2]	1	1	1 J	[2]
Xylenes, Total	5			10 U	10 U	1 U	1 U	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	Class GA	GW Stds (ug/l)	Location ID	MW-08S	MW-08S	MW-08S	MW-08S	MW-08S	MW-08S	MW-08S	MW-08S	MW-08S	MW-08S
			Sample ID	MW-08S_WG_051704	MW-08S_WG_080404	MW-08S_WG_111604	MW-08S_WG_021505	MW-08S_WG_041905	MW-8S_09072005	MW-8S_11162005	MW-8S_04262006	MW-8S_11152006	MW-8S_050207
Depth Interval	Sample Date	ug/l	ug/l	ug/l	ug/l	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	0.5 U	0.5 U	0.5 U	0.5 U	0.50 U	0.50 U	0.50 U	0.50 U	0.5 U	0.5 HU
1,1,2,2-Tetrachloroethane	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.50 U	0.50 U	0.50 U	0.50 U	0.5 U	0.5 HU
1,1,2-Trichloroethane	1	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.50 U	0.50 U	0.50 U	0.50 U	0.5 U	0.5 HU
1,1-Dichloroethane	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.50 U	0.50 U	0.50 U	0.50 U	0.5 U	0.5 HU
1,1-Dichloroethene	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.50 U	0.50 U	0.50 U	0.50 U	0.5 U	0.5 HU
1,2-Dichloroethane	0.6	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.50 U	0.50 U	0.50 U	0.50 U	0.5 U	0.5 HU
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	0.50 U	0.50 U	0.50 U	0.50 U	0.5 U	0.5 HU
2-Hexanone	50	5 U	5 U	5 U	5 U	5 U	5 U	5.00 U	5.00 U	5.00 U	5.00 U	5 U	5 HU
4-Methyl-2-pentanone	NS	5 U	5 U	5 U	5 U	5 U	5 U	5.00 U	5.00 U	5.00 U	5.00 U	5 U	5 HU
Acetone	50	1 J	10 U	10 U	3 J	10 U	1.73 J	10.0 U	10.0 U	10.0 U	10.0 U	10 U	10 HU
Benzene	1	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.50 U	0.50 U	0.50 U	0.50 U	0.5 U	0.5 HU
Bromodichloromethane	50	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.50 U	0.50 U	0.50 U	0.50 U	0.5 U	0.5 HU
Bromoform	50	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.50 U	0.50 U	0.50 U	0.50 U	0.5 U	0.5 HU
Bromomethane	5	1 U	1 U	1 U	1 U	1 U	1 U	1.00 U	1.00 U	1.00 U	1.00 U	1 U	1 HU
Carbon disulfide	60	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.50 U	0.50 U	0.50 U	0.50 U	0.5 U	0.5 HU
Carbon tetrachloride	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.50 U	0.50 U	0.50 U	0.50 U	0.5 U	0.5 HU
Chlorobenzene	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.50 U	0.50 U	0.50 U	0.50 U	0.5 U	0.5 HU
Chloroethane	5	1 U	1 U	1 U	1 U	1 U	1 U	1.00 U	1.00 U	1.00 U	1.00 U	1 U	1 HU
Chloroform	7	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.50 U	0.50 U	0.50 U	0.50 U	0.5 U	0.5 HU
cis-1,2-Dichloroethene	5	[5]	3	4	4	4	4	2.56	3.76	2.44	2.5	2.79	1.27 H
cis-1,3-Dichloropropene	0.4	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.50 U	0.50 U	0.50 U	0.50 U	0.5 U	0.5 HU
Dibromochloromethane	50	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.50 U	0.50 U	0.50 U	0.50 U	0.5 U	0.5 HU
Ethylbenzene	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.50 U	0.50 U	0.50 U	0.50 U	0.5 U	0.5 HU
Methyl chloride	5	1 U	1 U	1 U	1 U	1 U	1 U	1.00 U	1.00 U	1.00 U	1.00 U	1 U	1 HU
Methyl ethyl ketone	50	10 U	10 U	10 U	10 U	10 U	10 U	10.0 U	10.0 U	10.0 U	10.0 U	10 U	10 HU
Methylene chloride	5	2 U	2 U	2 U	2 U	2 U	2 U	2.00 U	2.00 U	2.00 U	2.00 U	2 U	2 HU
Styrene	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.50 U	0.50 U	0.50 U	0.50 U	0.5 U	0.5 HU
Tetrachloroethene	5	0.6	0.7	0.6	1	0.9	0.85	1.02	1.06	1.04	0.93	0.7 H	
Toluene	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.50 U	0.50 U	0.50 U	0.50 U	0.5 U	0.5 HU
trans-1,2-Dichloroethene	5	0.2 J	0.1 J	0.2 J	0.2 J	0.2 J	0.2 J	0.12 J	0.18 J	0.12 J	0.14 J	0.16 J	0.5 HU
trans-1,3-Dichloropropene	0.4	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.50 U	0.50 U	0.50 U	0.50 U	0.5 U	0.5 HU
Trichloroethene	5	3	3	3	[5]	[5]	3.56	4.39	4.1	3.7	3.29	2.37 H	
Vinyl chloride	2	1	0.3 J	0.2 J	0.2 J	0.7 J	0.11 J	1.00 U	0.15 J	1.00 U	0.44 J	1 HU	
Xylenes, Total	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1.00 U	1.00 U	1.00 U	1.00 U	1 U	1 HU

NOTES:
 U - not detected, J - estimated, D - Diluted Result, H - Holding time exceeded, R - unusable, NS - no standard, Dup - duplicate sample, --- Not analyzed, F - MS and/or MSD recovery/RPD exceeds the control limits
 [] - Exceeds NYS Class GA Ground Water 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	Location ID	MW-08S	MW-08S	MW-08S	MW-08S	MW-08S	MW-08S	MW-08S	MW-08S	MW-08S	MW-8S	MW-8S	
		Depth Interval												
		Sample Date	5/22/2008	11/18/2008	10/20/2009	05/18/2010	01/18/2011	4/19/2011	7/27/2011	10/25/2011	3/21/2012	8/8/2012	12/18/2012	
		Sample ID	MW8-S-052208	MW8-S-111808	MW-8S-10202009	W-8S-051810051820	MW-8S-01182011	MW-8S-041911	MW-8S072711	MW8S102511	MW8S032112	MW8S080812	MW-8S-121812	
GW Stds	ug/l	ug/l	ug/l	ug/l	ug/l	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	1 U	1 U	1 U	1 U	1 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 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 U	1 U	1 U	1 U	1 U	
1,1-Dichloroethane	5		0.5 U	0.5 U	1 U	1 U	1 U	1 U	1 U	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 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 U	1 U	1 U	1 U	1 U	
1,2-Dichloroethene (Total)	5		---	---	---	1 U	---	---	---	---	---	---	---	
1,2-Dichloropropane	1		0.5 U	0.5 U	1 U	1 U	1 U	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	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	
Acetone	50		10 U	10 U	5 U	5 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	
Benzene	1		0.5 U	0.5 U	1 U	1 U	1 U	1 U	1 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	1 U	1 U	1 U	1 U	1 U	
Bromoform	50		1 U	1 U	1 U	1 U	1 U	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	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	1 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	1 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	1 U	1 U	1 U	1 U	1 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	
Chloroform	7		0.5 U	0.5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	
cis-1,2-Dichloroethene	5		1.45	1.48	0.6 J	1.8	3.4	2.3	1.2	2	4	2.8	2.6	
cis-1,3-Dichloropropene	0.4		0.5 U	0.5 U	1 U	1 U	1 U	1 U	1 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	1 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	1 U	1 U	1 U	1 U	1 U	
Methyl chloride	5		1 U	1 U	---	5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	
Methyl ethyl ketone	50		10 U	10 U	---	1 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	
Methylene chloride	5		2 U	2 U	1 U	1 U	1 U	1 U	1 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	1 U	1 U	1 U	1 U	1 U	
Tetrachloroethene	5		1.14	1.18	1 U	1.4	0.78 J	1	1 U	1	0.85 J	0.76 J	0.94 J	
Toluene	5		0.5 U	0.5 U	2	1 U	1 U	1 U	1.3	1 U	1 U	1 U	1 U	
trans-1,2-Dichloroethene	5		0.5 U	0.11 J	1 U	1 U	1 U	1 U	1 U	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	1 U	1 U	1 U	1 U	1 U	
Trichloroethene	5		3.83	3.79	1.1	4.9	3.3	[5]	1.4	4	3.8	3	4.3	
Vinyl chloride	2		1 U	1 U	1 U	1 U	1.3	1 U	1 U	1 U	0.93 J	1 U	1 U	
Xylenes, Total	5		1 U	1 U	2 U	2 U	2 U	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	Location ID	MW-8S	MW-8S	X-1-082013	MW-8S	MW-8S	MW-8S	MW-8S	MW-8S	MW-8S	MW-8S	
GW Stds	Sample ID	Depth Interval	Sample Date	Sample Date	Sample Date	Sample Date	Sample Date	Sample Date	Sample Date	Sample Date	Sample Date	Sample Date	
(ug/l)			5/22/2013	8/20/2013	8/20/2013	12/17/2013	3/26/2014	6/11/2014	9/24/2014	12/10/2014	3/17/2015	6/24/2015	9/23/2015
			MW-8S-052313	MW-8S-082013	MW-8S-082013	MW-8S-121713	MW-8S-032614	MW-8S-061114	MW8S092414	MW 8S 121014	MW8S 031715	MW8S 062415	MW8S 092315
			ug/l	ug/l	ug/l	ug/l	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 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 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 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 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 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 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	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	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
Acetone	50		10 U	10 U	10 U	10 U	10 U	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	1 U	1 U	1 U	1 U	1 U
Bromodichloromethane	50		1 U	1 U	1 U	1 U	1 U	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	1 U	1 U*	1 U	1 U	1 U
Bromomethane	5		1 U	1 U	1 U	1 U	1 U	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	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	1 U	1 U	1 U	1 U	1 U
Chlorobenzene	5		1 U	1 U	1 U	1 U	1 U	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	1 U	1 U	1 U	1 U	1 U
Chloroform	7		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
cis-1,2-Dichloroethene	5		4.2	3.9	3.8	3.3	1.3	2.7	2.2	2.2	1.2	2.3	2.8
cis-1,3-Dichloropropene	0.4		1 U	1 U	1 U	1 U	1 U	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	1 U	1 U*	1 U	1 U	1 U
Ethylbenzene	5		1 U	1 U	1 U	1 U	1 U	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	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
Methylene chloride	5		1 U	1 U	1 U	1 U	1 U	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	1 U	1 U	1 U	1 U	1 U
Tetrachloroethene	5		0.56 J	0.43 J	0.47 J	0.64J	0.66 J	0.89 J	0.63 J	0.72 J	0.76 J	0.77 J	0.55 J
Toluene	5		1 U	1 U	1 U	1 U	1 U	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	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	1 U	1 U	1 U	1 U	1 U
Trichloroethene	5		2.7	2.8	2.7	3.6	2.7	4.5	3.1	3.7	2.8	3.6	3.3
Vinyl chloride	2		1.4	1	1.1	1 U	1 U	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	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	Location ID	MW-8S	MW-8S	MW-8S	MW-8S	MW-8S	MW-8S	MW-8S	MW-8S	MW-8S	MW-8S	MW-8S
		Depth Interval	-	-	-	-	-	-	-	-	-	-	-
		Sample Date	1/13/2016	3/29/2016	6/22/2016	9/21/2016	12/21/2016	4/12/2017	6/28/2017	9/13/2017	12/20/2017	3/14/2018	6/19/2018
	Sample ID	MW8S 011316	MW8S 032916	MW8S 062216	MW8S 092116	MW8S 122116	MW8S 041217	MW8S 062817	MW8S 091317	MW8S 122017	MW 8S 031418	MW 8S 061918	
	GW Stds	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	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 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 U	1 U	1 U	1 U	1 U F1	1.0 U	1.0 U	1.0 U
1,1,2-Trichloroethane	1		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U F1	1.0 U	1.0 U	1.0 U
1,1-Dichloroethane	5		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U F1	1.0 U	1.0 U	1.0 U
1,1-Dichloroethene	5		1 U	1 U	1 U	1 U	1 U	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 U	1 U	1 U	1 U	1 U F1	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 U	1 U	1 U	1 U	1 U F1	1.0 U	1.0 U	1.0 U
2-Hexanone	50		5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U F1	5.0 U	5.0 U	5.0 U
4-Methyl-2-pentanone	NS		5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U F1	5.0 U	5.0 U	5.0 U
Acetone	50		10 U *	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Benzene	1		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U F1	1.0 U	1.0 U	1.0 U
Bromodichloromethane	50		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U F1	1.0 U	1.0 U	1.0 U
Bromoform	50		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1.0 U	1.0 U	1.0 U
Bromomethane	5		1 U	1 U	1 U	1 U	1 U	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 U	1 U	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 U	1 U	1 U	1 U	1 U	1.0 U	1.0 U	1.0 U
Chlorobenzene	5		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U F1	1.0 U	1.0 U	1.0 U
Chloroethane	5		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1.0 U	1.0 U	1.0 U
Chloroform	7		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1.0 U	1.0 U	1.0 U
cis-1,2-Dichloroethene	5		2.2	2.4	2.7	1 U	2.1	2.1	2.1	3	1.0 U	2.1	2.6
cis-1,3-Dichloropropene	0.4		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1.0 U	1.0 U	1.0 U
Dibromochloromethane	50		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U F1	1.0 U	1.0 U	1.0 U
Ethylbenzene	5		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U F1	1.0 U	1.0 U	1.0 U
Methyl chloride	5		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U F1	1.0 U	1.0 U	1.0 U
Methyl ethyl ketone	50		10 U	10 U	10 U	10 U	10 U *	10 U	10 U	10 U	10 U	10 U	10 U
Methylene chloride	5		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1.0 U	1.0 U	1.0 U
Styrene	5		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U F1	1.0 U	1.0 U	1.0 U
Tetrachloroethene	5		0.73 J	0.89 J	0.72 J	1 U	0.55 J	0.61 J	0.58 J	0.74 J	0.86 J	0.65 J	0.53 J
Toluene	5		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U F1	1.0 U	1.0 U	1.0 U
trans-1,2-Dichloroethene	5		1 U	1 U	1 U	1 U	1 U	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 U	1 U	1 U	1 U	1 U F1	1.0 U	1.0 U	1.0 U
Trichloroethene	5		3.5	4.5	3.1	1.1	2.4	3.5	3.1	3	3.3	2.6	2.4
Vinyl chloride	2		1 U	1 U	1 U	1 U	1 U	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 U	2 U	2 U	2 U	2 U F1	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-08S	MW-08S	MW-08S	MW-08S	MW-08S	MW-08S	MW-08S	MW-08S	MW-08S	MW-08S	MW-08S
Depth Interval	-	-	-	-	-	-	-	-	--	--	--
Sample Date	9/18/2018	11/28/2018	3/19/2019	6/20/2019	9/24/2019	12/18/2019	3/18/2020	6/17/2020	9/24/2020	12/15/2020	
Class GA	MW 8S 061918	MW-8S-112818	MW-8S-031919	MW-8S-062019	MW-8S-092419	MW-8S-121819	MW-8S 031720	MW8S061720	MW8S092420	MW8S 121520	
GW Stds	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	µg/L	µg/L	µg/L	
Chemical Name	(ug/l)										
1,1,1-Trichloroethane	5	1.0 U	1 U	1 U	1 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 U	1 U	1 U	
1,1,2-Trichloroethane	1	1.0 U	1 U	1 U	1 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 U	1 U	1 U	
1,1-Dichloroethene	5	1.0 U	1 U	1 U	1 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 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	1 U	1 U	1 U	
2-Hexanone	50	5.0 U	5 U *	5 U	5 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	5 U	5 U	5 U	
Acetone	50	10 U	10 U	10 U	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	1 U	1 U	1 U	
Bromodichloromethane	50	1.0 U	1 U	1 U	1 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	1 U	1 U	1 U	
Bromomethane	5	1.0 U	1 U	1 U	1 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	1 U	1 U	1 U	
Carbon tetrachloride	5	1.0 U	1 U	1 U	1 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	1 U	1 U	1 U	
Chloroethane	5	1.0 U	1 U	1 U	1 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	1 U	1 U	1 U	
cis-1,2-Dichloroethene	5	3.2	2	1.9	2.3	2.2	2.5	2.2	2	2.7	
cis-1,3-Dichloropropene	0.4	1.0 U	1 U *	1 U	1 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	1 U	1 U	1 U	
Ethylbenzene	5	1.0 U	1 U	1 U	1 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	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	
Methylene chloride	5	1.0 U	1 U	1 U	1 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	1 U	1 U	1 U	
Tetrachloroethene	5	0.58 J	0.66 J	0.76 J	0.67 J*	1 U	0.7 J	0.5 J	1 U	0.6 J	
Toluene	5	1.0 U	1 U	1 U	1 U	0.75 J	1 U	1 U	1 U	1 U	
trans-1,2-Dichloroethene	5	1.0 U	1 U	1 U	1 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	1 U	1 U	1 U	
Trichloroethene	5	2.9	2.7	3.1	2.8	1.7	3.4	2.3	1.9	2.3	
Vinyl chloride	2	1.0 U	1 U	1 U	1 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	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	Location ID	MW-08D	MW-08D	MW-08D	MW-08D	MW-08D	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	11/28/2001	2/25/2002	5/16/2002	7/30/2003	2/3/2004
		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	MW-08D_WG_112801	MW-08D_WG_022502	MW-08D_WG_051602	MW-08D_WG_073003	MW-08D_WG_020304
		GW Stds	ug/l	ug/l	ug/l	ug/l	ug/l	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	0.3 J	0.3 J	0.2 J	0.2 J	0.1 J	0.2 J	0.5 U
1,1,2,2-Tetrachloroethane	5		10 U	10 U	1 U	1 U	0.5 U	0.5 U	0.5 UJ	0.5 U	0.5 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	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1-Dichloroethane	5		10 U	10 U	1.7	2	3	3	3	2	2	3	2
1,1-Dichloroethene	5		10 U	10 U	1 U	1 U	0.2 J	0.1 J	0.1 J	0.1 J	0.1 J	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	0.5 U	0.5 U	0.5 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	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
2-Hexanone	50		10 UJ	10 U	2 U	2 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
4-Methyl-2-pentanone	NS		10 U	10 U	2 U	2 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Acetone	50		21	10 UJ	2 U	2 U	10 U	10 J	10 U	10 U	10 U	1 J	10 U
Benzene	1		[1]	10 U	1 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Bromodichloromethane	50		10 U	10 U	1 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Bromoform	50		10 U	10 UJ	1 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Bromomethane	5		10 U	10 U	2 U	2 U	1 U	1 U	1 U	1 U	1 UJ	1 U	1 U
Carbon disulfide	60		10 U	10 U	1 U	1 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		10 U	10 U	1 U	1 U	0.5 U	0.5 UJ	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Chlorobenzene	5		10 U	10 U	1 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Chloroethane	5		10 U	10 U	1 U	1 U	0.9 J	0.5 J	0.7 J	0.7 J	0.7 J	1 U	1 U
Chloroform	7		10 UJ	10 U	1 U	1 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		---	---	---	---	[14]	[14]	[13]	[12]	[13]	[5]	2
cis-1,3-Dichloropropene	0.4		10 U	10 U	1 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Dibromochloromethane	50		10 U	10 U	1 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Ethylbenzene	5		0.8	10 U	1 U	1 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		10 UJ	10 U	1 U	1 U	1 U	1 U	1 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	10 U	10 U	10 U	10 U	10 U
Methylene chloride	5		10 UJ	10 U	1 U	1 U	2 J	2 U	2 U	2 U	2 U	2 U	2 U
Styrene	5		10 U	10 U	1 U	1 U	0.5 U	0.5 U	0.5 U	0.5 UJ	0.5 U	0.5 U	0.5 U
Tetrachloroethene	5		10 U	10 U	1 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Toluene	5		3	10 U	1 U	1 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		---	---	---	---	0.3 J	0.5 U	0.5 U	0.5 U	0.5 U	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	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Trichloroethene	5		10 U	10 U	1 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Vinyl chloride	2		10 U	10 U	[9.1]	[11]	[24]	[24]	[28]	[25]	[25]	[9]	[3]
Xylenes, Total	5		[5]	10 U	1 U	1 U	0.5 U	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	Class GA GW Stds (ug/l)	Location ID	MW-08D	MW-08D	MW-08D	MW-08D	MW-08D	MW-08D	MW-08D	MW-08D	MW-08D	MW-08D	MW-08D
		Depth Interval	Sample Date	Sample ID	ug/l	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	0.5 U	0.5 U	0.5 U	0.50 U	0.50 U	0.50 U	0.50 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	0.50 U	0.50 U	0.50 U	0.50 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	0.50 U	0.50 U	0.50 U	0.50 U	0.5 U	0.5 U
1,1-Dichloroethane	5	5/17/2004	2	2	2	2	2	1.24	1.14	1.09	0.78	0.81	0.69 H
1,1-Dichloroethene	5	8/4/2004	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.50 U	0.50 U	0.50 U	0.50 U	0.5 U	0.5 U
1,2-Dichloroethane	0.6	11/16/2004	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.50 U	0.50 U	0.50 U	0.50 U	0.5 U	0.5 U
1,2-Dichloroethene (Total)	5	2/15/2005	---	---	---	---	---	---	---	---	---	---	---
1,2-Dichloropropane	1	4/18/2005	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.50 U	0.50 U	0.50 U	0.50 U	0.5 U	0.5 U
2-Hexanone	50	9/7/2005	5 U	5 U	5 U	5 U	5 U	5.00 U	5.00 U	5.00 U	5.00 U	5 U	5 U
4-Methyl-2-pentanone	NS	11/16/2005	5 U	5 U	5 U	5 U	5 U	5.00 U	5.00 U	5.00 U	5.00 U	5 U	5 U
Acetone	50	4/26/2006	10 U	1 J	10 U	2 J	10 U	1.92 J	10.0 U	10.0 U	10.0 U	10 U	10 U
Benzene	1	11/15/2006	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.50 U	0.50 U	0.50 U	0.50 U	0.5 U	0.5 U
Bromodichloromethane	50	5/2/2007	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.50 U	0.50 U	0.50 U	0.50 U	0.5 U	0.5 U
Bromoform	50	11/1/2007	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.50 U	0.50 U	0.50 U	0.50 U	0.5 U	1 U
Bromomethane	5	5/22/2008	1 U	1 U	1 U	1 U	1 U	1.00 U	1.00 U	1.00 U	1.00 U	1 U	1 U
Carbon disulfide	60		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.50 U	0.50 U	0.50 U	0.50 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	0.50 U	0.50 U	0.50 U	0.50 U	0.5 U	0.5 U
Chlorobenzene	5		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.50 U	0.50 U	0.50 U	0.50 U	0.5 U	0.5 U
Chloroethane	5		1 U	1 U	1 U	1 U	1 U	1.00 U	1.00 U	1.00 U	1.00 U	1 U	1 U
Chloroform	7		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.50 U	0.50 U	0.50 U	0.50 U	0.5 U	0.5 U
cis-1,2-Dichloroethene	5		4	3	2	3	4	3.53	4.89	4.36	4.6	[5.33]	1.01 H
cis-1,3-Dichloropropene	0.4		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.50 U	0.50 U	0.50 U	0.50 U	0.5 U	0.5 U
Dibromochloromethane	50		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.50 U	0.50 U	0.50 U	0.50 U	0.5 U	0.5 U
Ethylbenzene	5		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.50 U	0.50 U	0.50 U	0.50 U	0.5 U	0.5 U
Methyl chloride	5		1 U	1 U	1 U	1 U	1 U	1.00 U	1.00 U	1.00 U	1.00 U	1 U	1 U
Methyl ethyl ketone	50		10 U	10 U	10 U	10 U	10 U	10.0 U	10.0 U	10.0 U	10.0 U	10 U	10 U
Methylene chloride	5		2 U	2 U	2 U	2 U	2 U	2.00 U	2.00 U	2.00 U	2.00 U	2 U	2 U
Styrene	5		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.50 U	0.50 U	0.50 U	0.50 U	0.5 U	0.5 U
Tetrachloroethene	5		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.50 U	0.50 U	0.50 U	0.50 U	0.5 U	0.5 U
Toluene	5		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.50 U	0.50 U	0.50 U	0.50 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	0.50 U	0.50 U	0.50 U	0.50 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	0.50 U	0.50 U	0.50 U	0.50 U	0.5 U	0.5 U
Trichloroethene	5		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.50 U	0.50 U	0.50 U	0.50 U	0.5 U	0.5 U
Vinyl chloride	2		[10]	[5]	[3]	[7]	[11]	[9.34]	[13.2]	[13.8]	[16.7]	[17.1]	1.71 H
Xylenes, Total	5		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1.00 U	1.00 U	1.00 U	1.00 U	1 U	1 U

NOTES:
 U - not detected, J - estimated, D - Diluted Result, H - Holding time exceeded, R - unusable, NS - no standard, Dup - duplicate sample, --- Not analyzed, F - MS and/or MSD recovery/RPD exceeds the control limits
 [] - Exceeds NYS Class GA Ground Water 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-08D	MW-08D	MW-08D	MW-08D	MW-08D	MW-08D	MW-08D	MW-08D	MW-08D	MW-08D
			Depth Interval	Sample Date	Sample ID	Sample ID	Sample ID	Sample ID	Sample ID	Sample ID	Sample ID	Sample ID	Sample ID
			MW8-D-111808	MW-8D-10202009	W-8D-051810051820	MW-8D-01192011	MW-8D-041911	MW-8D072711	MW8D102511	MW8D032112	MW8D080812	MW-8D-121812	MW-8D-052213
			ug/l	ug/l	ug/l	ug/l	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 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 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 U	1 U	1 U	1 U	1 U
1,1-Dichloroethane	5		0.48 J	1 U	1 U	1 U	0.49 J	1 U	0.38 J	1 U	0.44 J	0.52 J	1 U
1,1-Dichloroethene	5		0.5 U	1 U	1 U	1 U	1 U	1 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 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	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	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
Acetone	50		10 U	5 U	5 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Benzene	1		0.5 U	0.52 J	1 U	1 U	1 U	1 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	1 U	1 U	1 U	1 U	1 U
Bromoform	50		1 U	1 U	1 U	1 U	1 U	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	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	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	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	1 U	1 U	1 U	1 U	1 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
Chloroform	7		0.5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
cis-1,2-Dichloroethene	5		2.72	0.72 J	2.3	2.6	2.4	2	1.8	2	2.1	2.4	1.4
cis-1,3-Dichloropropene	0.4		0.5 U	1 U	1 U	1 U	1 U	1 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	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	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	1 U	1 U	1 U	1 U
Methyl ethyl ketone	50		10 U	---	5 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Methylene chloride	5		2 U	1 U	1 U	1 U	1 U	1 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	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	1 U	1 U	1 U	1 U	1 U
Toluene	5		0.5 U	3.3	1 U	1 U	1 U	1 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	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	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	1 U	1 U	1 U	1 U	1 U
Vinyl chloride	2		[9.24]	[2]	[4.9]	[8.3]	[7.1]	[5.4]	[4.5]	[4.9]	[5.2]	[5.9]	[3.8]
Xylenes, Total	5		1 U	2 U	2 U	2 U	2 U	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	Location ID	MW-8D	MW-8D	MW-8D	X-1	MW-8D	MW-8D	X-1	MW-8D	MW-8D	MW-8D	MW-8D
		Depth Interval	-	-	-	-	-	-	-	-	-	-	-
		Sample Date	8/20/2013	12/17/2013	3/26/2014	3/26/2014	6/11/2014	9/24/2014	9/24/2014	12/10/2014	3/17/2015	6/24/2015	9/23/2015
	Sample ID	MW-8D-082013	MW-8D-121713	MW-8D-032614	MW-8D-032614	MW-8D-061114	MW8D092414	MW8D092414	MW8D092414	MW 8D 121014	MW8D 031715	MW8D 062415	MW8D 092315
	GW Stds	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	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 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 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 U	1 U	1 U	1 U	1 U
1,1-Dichloroethane	5		0.39 J	1 U	1 U	1 U	1.1	0.91 J	0.91 J	0.94 J	0.99 J	0.97 J	0.98 J
1,1-Dichloroethene	5		1 U	1 U	1 U	1 U	1 U	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 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	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	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
Acetone	50		10 U	10 U	10 U	10 U	10 U	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	1 U	1 U	1 U	1 U	1 U
Bromodichloromethane	50		1 U	1 U	1 U	1 U	1 U	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	1 U	1 U	1 U	1 U	1 U
Bromomethane	5		1 U	1 U	1 U	1 U	1 U	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	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	1 U	1 U	1 U	1 U	1 U
Chlorobenzene	5		1 U	1 U	1 U	1 U	1 U	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	1 U	1 U	1 U	1 U	1 U
Chloroform	7		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
cis-1,2-Dichloroethene	5		1.9	2	1.2	1.1	3.2	1.5	1.6	1.3	0.94 J	1 U	1 U
cis-1,3-Dichloropropene	0.4		1 U	1 U	1 U	1 U	1 U	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	1 U	1 U	1 U	1 U	1 U
Ethylbenzene	5		1 U	1 U	1 U	1 U	1 U	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	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
Methylene chloride	5		1 U	1 U	1 U	1 U	1 U	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	1 U	1 U	1 U	1 U	1 U
Tetrachloroethene	5		1 U	1 U	1 U	1 U	1 U	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	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	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	1 U	1 U	1 U	1 U	1 U
Trichloroethene	5		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Vinyl chloride	2		[6.4]	[5.5]	[2.4]	[2.2]	[7.6]	[4.6]	[4.6]	[3.5]	1.8	1.2 ^	0.93 J
Xylenes, Total	5		2 U	2 U	2 U	2 U	2 U	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	Location ID	MW-8D	MW-8D	MW-8D	MW-8D	MW-8D	MW-8D	MW-8D	MW-8D	MW-8D	MW-8D	MW-8D
		Depth Interval	-	-	-	-	-	-	-	-	-	-	-
		Sample Date	1/13/2016	3/30/2016	6/22/2016	9/21/2016	12/21/2016	4/13/2017	6/28/2017	9/13/2017	12/20/2017	3/14/2018	6/19/2018
		Sample ID	MW8D 011316	MW-8D-033016	MW-8D-062216	MW-8D-092116	MW-8D-122116	MW-8D-041317	MW-8D-062817	MW-8D-091317	MW-8D-122017	MW 8D 031418	MW 8D 061918
		GW Stds	ug/l	ug/l	ug/l	ug/l	ug/l	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 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 U	1 U	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 U	1 U	1 U	1 U	1 U	1.0 U	1.0 U	1.0 U
1,1-Dichloroethane	5		0.99 J	0.83 J	0.94 J	1 U	0.86 J	0.66 J	0.62 J	0.75 J	0.89 J	0.48 J	0.84 J
1,1-Dichloroethene	5		1 U	1 U	1 U	1 U	1 U	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 U	1 U	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 U	1 U	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 U	5 U	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 U	5 U	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	10 U	10 U	10 U	10 U	10 U
Benzene	1		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1.0 U	1.0 U	1.0 U
Bromodichloromethane	50		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1.0 U	1.0 U	1.0 U
Bromoform	50		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1.0 U	1.0 U	1.0 U
Bromomethane	5		1 U	1 U	1 U	1 U	1 U	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 U	1 U	0.24 J	1 U	1 U	1.0 U	1.0 U	1.0 U
Carbon tetrachloride	5		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1.0 U	1.0 U	1.0 U
Chlorobenzene	5		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1.0 U	1.0 U	1.0 U
Chloroethane	5		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1.0 U	1.0 U	1.0 U
Chloroform	7		1 U	1 U	1 U	1 U	1 U	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 U	1 U	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 U	1 U	1 U	1 U	1 U	1.0 U	1.0 U	1.0 U
Dibromochloromethane	50		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1.0 U	1.0 U	1.0 U
Ethylbenzene	5		1 U	1 U	1 U	1 U	1 U	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 U	1 U	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	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	1 U	1 U	1.0 U	1.0 U	1.0 U
Styrene	5		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1.0 U	1.0 U	1.0 U
Tetrachloroethene	5		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1.0 U	1.0 U	1.0 U
Toluene	5		1 U	1 U	1 U	1 U	1 U	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 U	1 U	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 U	1 U	1 U	1 U	1 U	1.0 U	1.0 U	1.0 U
Trichloroethene	5		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1.0 U	1.0 U	1.0 U
Vinyl chloride	2		0.9 J	1 U	1 U	1 U	1 U	1.6	0.96 J	1 U	1.0 U	0.99 J	1.0
Xylenes, Total	5		2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2.0 U	2.0 U	2.0 U

NOTES:
 U - not detected, J - estimated, D - Diluted Result, H - Holding time exceeded, R - unusable, NS - no standard, Dup - duplicate sample, --- Not analyzed, F - MS and/or MSD recovery/RPD exceeds the control limits
 [] - Exceeds NYS Class GA Ground Water 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-08D	MW-08D	MW-08D	MW-08D	MW-08D	MW-08D	MW-08D	MW-08D	MW-08D	MW-08D	MW-08D
Depth Interval	-	-	-	-	-	-	-	-	--	--	--
Sample Date	9/18/2018	11/28/2018	3/19/2019	6/20/2019	9/24/2019	12/18/2019	3/18/2020	6/17/2020	9/23/2020	12/15/2020	
Class GA	MW 8D 091818	MW-8D-112818	MW-8D-031919	MW-8D-062019	MW-8D-092419	MW-8D-121819	MW 8 D 031720	MW8D061720	MW8D092320	MW8D 121520	
GW Stds	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/L	ug/L	ug/L	
Chemical Name	(ug/l)										
1,1,1-Trichloroethane	5	1.0 U	1 U F2	1 U	1 U	1 U	1 U	1 U	1 U F2	1 U	1 U
1,1,2,2-Tetrachloroethane	5	1.0 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U F2	1 U	1 U
1,1,2-Trichloroethane	1	1.0 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U F2	1 U	1 U
1,1-Dichloroethane	5	0.95 J	0.55 J	0.52 J	1 U	0.75 J	0.38 J	1 U	0.47 J F2	0.84 J	0.78 J
1,1-Dichloroethene	5	1.0 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U F2	1 U	1 U
1,2-Dichloroethane	0.6	1.0 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U F2	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	1 U	1 U F2	1 U	1 U
2-Hexanone	50	5.0 U	5 U * F1	5 U	5 U	5 U	5 U	5 U	5 U F2	5 U	5 U
4-Methyl-2-pentanone	NS	5.0 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	10 U	10 U	10 U	10 U F2	10 U	10 U
Benzene	1	1.0 U	1 U F2	1 U	1 U	1 U	1 U	1 U	1 U F2	1 U	1 U
Bromodichloromethane	50	1.0 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U F2	1 U	1 U
Bromoform	50	1.0 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U F2	1 U	1 U
Bromomethane	5	1.0 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Carbon disulfide	60	1.0 U	0.24 J B	1 U	1 U	1 U	1 U	1 U	1 U F2	1 U	1 U
Carbon tetrachloride	5	1.0 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U F2	1 U	1 U
Chlorobenzene	5	1.0 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U F2	1 U	1 U
Chloroethane	5	1.0 U	1 U	1 U	1 U	1 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	1 U	1 U F2	1 U	1 U
cis-1,2-Dichloroethene	5	1.0 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U F2	1 U	1 U
cis-1,3-Dichloropropene	0.4	1.0 U	1 U * F1	1 U	1 U	1 U	1 U	1 U	1 U F2	1 U	1 U
Dibromochloromethane	50	1.0 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U F2	1 U	1 U
Ethylbenzene	5	1.0 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U F2	1 U	1 U
Methyl chloride	5	1.0 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 F2	10 U	10 U
Methylene chloride	5	1.0 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U F2	1 U	1 U
Styrene	5	1.0 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U F1 F2	1 U	1 U
Tetrachloroethene	5	1.0 U	1 U	1 U	1 U*	1 U	1 U	1 U	1 U F2	1 U	1 U
Toluene	5	1.0 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U F2	1 U	1 U
trans-1,2-Dichloroethene	5	1.0 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U F2	1 U	1 U
trans-1,3-Dichloropropene	0.4	1.0 U	1 U * F1	1 U	1 U	1 U	1 U	1 U	1 U F2	1 U	1 U
Trichloroethene	5	1.0 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U F2	1 U	1 U
Vinyl chloride	2	0.97 J	1 U	1.1	1 U	1.1	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	2 U	2 U F2	2 U	2 U

NOTES:

U - not detected, J - estimated, D - Diluted Result, H - Holding time exceeded, R - unusable, NS - no standard, Dup - duplicate sample, --- Not analyzed, F - MS and/or MSD recovery/RPD exceeds the control limits
 [] - Exceeds NYS Class GA Ground Water 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	Location ID Sample ID	MW-08DD	MW-08DD	MW-08DD	MW-08DD	MW-08DD	MW-08DD	MW-08DD	MW-08DD	MW-08DD	MW-08DD
			Depth Interval	53 - 56	69 - 70	80 - 83	-	53 - 56	53 - 56	53 - 56	53 - 56	53 - 56
(ug/l)		Sample Date	MW-08DD	MW-08DD	MW-08DD	MW-08DD	MW-08DD	MW-08DD	MW-08DD	MW-08DD	MW-08DD	MW-08DD
			7/28/2003	7/28/2003	7/28/2003	2/4/2004	5/17/2004	8/4/2004	11/15/2004	2/15/2005	4/19/2005	9/8/2005
			08DD WG 072803	08DD WG 072803	08DD WG 072803	MW-08DD_WG_02040	08DD WG 051704	08DD WG 080404	08DD WG 111504	08DD WG 021505	08DD WG 041905	MW-8DD_09082005
			ug/l	ug/l	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	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.50 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	0.5 U	0.5 U	0.5 U	0.50 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	0.50 U
1,1-Dichloroethane	5		1	1	1	0.2 J	1	0.9	1	0.7	0.8	0.66
1,1-Dichloroethene	5		0.1 J	0.1 J	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.50 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	0.50 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	0.50 U
2-Hexanone	50		5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5.00 U
4-Methyl-2-pentanone	NS		5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5.00 U
Acetone	50		10 U	10 U	10 U	10 U	1 J	10 U	10 U	2 J	10 U	1.34 J
Benzene	1		0.5 U	0.5 U	0.5 U	0.1 J	0.2 J	0.5 U	0.1 J	0.5 U	0.5 U	0.50 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	0.50 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	0.50 U
Bromomethane	5		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1.00 U
Carbon disulfide	60		0.5 U	0.5 U	0.5 U	0.5 U	0.1 J	0.5 U	0.1 J	0.5 U	0.1 J	0.17 J
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	0.50 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	0.50 U
Chloroethane	5		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1.00 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	0.50 U
cis-1,2-Dichloroethene	5		[8]	[11]	[12]	0.7	0.6	0.7	1	0.4 J	0.8	1.56
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	0.50 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	0.50 U
Ethylbenzene	5		0.5 U	0.5 U	0.5 U	0.5 U	0.3 J	0.1 J	0.2 J	0.5 U	0.5 U	0.50 U
Methyl chloride	5		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1.00 U
Methyl ethyl ketone	50		10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10.0 U
Methylene chloride	5		2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2.00 U
Styrene	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	0.50 U
Tetrachloroethene	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	0.50 U
Toluene	5		0.5 U	0.5 U	0.2 J	0.1 J	0.5	0.3 J	0.1 J	0.5 U	0.5 U	0.50 U
trans-1,2-Dichloroethene	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	0.50 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	0.5 U	0.5 U	0.5 U	0.50 U
Trichloroethene	5		0.5 U	0.5 U	0.5 U	0.1 J	0.5 U	0.5 U	0.1 J	0.5 U	0.5 U	0.50 U
Vinyl chloride	2		[15]	[14]	[16]	0.8 J	1	1	[2]	0.7 J	[2]	[2.99]
Xylenes, Total	5		0.5 U	0.5 U	0.5	0.5	3	1	0.8	0.2 J	0.5 U	1.00 U

NOTES:
 U - not detected, J - estimated, D - Diluted Result, H - Holding time exceeded, R - unusable, NS - no standard, Dup - duplicate sample, --- Not analyzed, F - MS and/or MSD recovery/RPD exceeds the control limits
 [] - Exceeds NYS Class GA Ground Water 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-08DD	MW-08DD	MW-08DD	MW-08DD	MW-08DD	MW-08DD	MW-08DD	MW-08DD	MW-08DD	MW-08DD	MW-08DD
			Sample ID	Depth Interval	Sample Date	Sample Date	Sample Date	Sample Date	Sample Date	Sample Date	Sample Date	Sample Date	Sample Date	Sample Date
			MW-8DD_11162005	MW-8DD_04262006	MW-8DD_11152006	MW-8DD_050207	MW-8DD-110107	MW-8DD-052208	MW-8DD-111808	MW-8DD-10202009	V-8DD-05181005182C	MW-8DD-01182011	MW-8DD-041911	MW-8DD072711
			ug/l	ug/l	ug/l	ug/l	ug/l	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	0.50 U	0.5 U	0.5 HU	0.5 U	0.5 U	1 U	1 U	1 U	1 U	1 U
1,1,2,2-Tetrachloroethane	5		0.50 U	0.50 U	0.50 U	0.5 U	0.5 HU	0.5 U	0.5 U	1 U	1 U	1 U	1 U	1 U
1,1,2-Trichloroethane	1		0.50 U	0.50 U	0.50 U	0.5 U	0.5 HU	0.5 U	0.5 U	1 U	1 U	1 U	1 U	1 U
1,1-Dichloroethane	5		0.73	0.54	0.48 J	0.41 J	0.28 JH	0.34 J	0.35 J	1 U	1 U	1 U	1 U	1 U
1,1-Dichloroethene	5		0.50 U	0.50 U	0.50 U	0.5 U	0.5 HU	0.5 U	0.5 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichloroethane	0.6		0.50 U	0.50 U	0.50 U	0.5 U	0.5 HU	0.5 U	0.5 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichloroethene (Total)	5		---	---	---	---	---	---	---	---	---	---	---	---
1,2-Dichloropropane	1		0.50 U	0.50 U	0.50 U	0.5 U	0.5 HU	0.5 U	0.5 U	1 U	1 U	1 U	1 U	1 U
2-Hexanone	50		5.00 U	5.00 U	5.00 U	5 U	5 HU	5 U	5 U	5 U	5 U	5 U	5 U	5 U
4-Methyl-2-pentanone	NS		5.00 U	5.00 U	5.00 U	5 U	5 HU	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Acetone	50		10.0 U	10.0 U	10.0 U	10 U	10 HU	10 U	10 U	5 U	5 U	10 U	10 U	10 U
Benzene	1		0.10 J	0.14 J	0.10 J	0.5 U	0.5 HU	0.5 U	0.5 U	1 U	1 U	1 U	1 U	1 U
Bromodichloromethane	50		0.50 U	0.50 U	0.50 U	0.5 U	0.5 HU	0.5 U	0.5 U	1 U	1 U	1 U	1 U	1 U
Bromoform	50		0.50 U	0.50 U	0.50 U	0.5 U	0.5 HU	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Bromomethane	5		1.00 U	1.00 U	1.00 U	1 U	1 HU	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Carbon disulfide	60		0.14 J	0.22 J	0.10 J	0.5 U	0.5 HU	0.5 U	0.5 U	1 U	1 U	1 U	1 U	1 U
Carbon tetrachloride	5		0.50 U	0.50 U	0.50 U	0.5 U	0.5 HU	0.5 U	0.5 U	1 U	1 U	1 U	1 U	1 U
Chlorobenzene	5		0.50 U	0.50 U	0.50 U	0.5 U	0.5 HU	0.5 U	0.5 U	1 U	1 U	1 U	1 U	1 U
Chloroethane	5		1.00 U	1.00 U	1.00 U	1 U	1 HU	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Chloroform	7		0.50 U	0.50 U	0.50 U	0.5 U	0.5 HU	0.5 U	0.5 U	1 U	1 U	1 U	1 U	1 U
cis-1,2-Dichloroethene	5		0.14 J	0.50 U	0.50 U	0.42 J	1.83 H	0.5 U	0.62	1 U	1 U	2	1 U	1 U
cis-1,3-Dichloropropene	0.4		0.50 U	0.50 U	0.50 U	0.5 U	0.5 HU	0.5 U	0.5 U	1 U	1 U	1 U	1 U	1 U
Dibromochloromethane	50		0.50 U	0.50 U	0.50 U	0.5 U	0.5 HU	0.5 U	0.5 U	1 U	1 U	1 U	1 U	1 U
Ethylbenzene	5		0.50 U	0.50 U	0.50 U	0.5 U	0.5 HU	0.5 U	0.5 U	1 U	1 U	1 U	1 U	1 U
Methyl chloride	5		1.00 U	1.00 U	1.00 U	1 U	1 HU	1 U	1 U	---	1 U	1 U	1 U	1 U
Methyl ethyl ketone	50		10.0 U	10.0 U	10.0 U	10 U	10 HU	10 U	10 U	---	5 U	10 U	10 U	10 U
Methylene chloride	5		0.17 J	0.23 J	2.00 U	2 U	2 HU	2 U	2 U	1 U	1 U	1 U	1 U	1 U
Styrene	5		0.50 U	0.50 U	0.50 U	0.5 U	0.5 HU	0.5 U	0.5 U	1 U	1 U	1 U	1 U	1 U
Tetrachloroethene	5		0.50 U	0.50 U	0.50 U	0.5 U	0.5 HU	0.5 U	0.5 U	1 U	1 U	1 U	1 U	1 U
Toluene	5		0.50 U	0.50 U	0.50 U	0.5 U	0.5 HU	0.5 U	0.5 U	1.2	1 U	1 U	1 U	1 U
trans-1,2-Dichloroethene	5		0.50 U	0.50 U	0.50 U	0.5 U	0.5 HU	0.5 U	0.5 U	1 U	1 U	1 U	1 U	1 U
trans-1,3-Dichloropropene	0.4		0.50 U	0.50 U	0.50 U	0.5 U	0.5 HU	0.5 U	0.5 U	1 U	1 U	1 U	1 U	1 U
Trichloroethene	5		0.50 U	0.50 U	0.50 U	0.5 U	0.5 HU	0.5 U	0.5 U	1 U	1 U	1 U	1 U	1 U
Vinyl chloride	2		0.25 J	1.00 U	1.00 U	0.81 J	[2.47] H	1 U	1.19	1 U	1.3	[2.2]	0.99 J	1 U
Xylenes, Total	5		1.00 U	1.00 U	1.00 U	1 U	1 HU	1 U	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-08DD	MW-08DD	MW-8DD	MW-8DD	MW-8DD	MW-8DD	MW-8DD	MW-8DD	MW-8DD	MW-8DD	MW-8DD	MW-8DD	MW-8DD
Depth Interval	-	-	-	-	-	-	-	-	-	-	-	-	-
Sample Date	10/25/2011	3/21/2012	8/8/2012	12/18/2012	5/22/2013	8/20/2013	12/17/2013	3/26/2014	6/11/2014	9/24/2014	12/10/2014	3/18/2015	
Class GA	MW8DD102511	MW8DD032112	MW8DD080812	MW-8DD-121812	MW-8DD-052213	MW-8DD-082013	MW-8DD-121713	MW-8DD-032614	MW-8DD-061114	MW8DD092414	MW 8DD 121014	MW8DD031815	
GW Stds	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	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 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 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 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 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 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 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	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	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	10 U	10 U	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	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	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	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	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	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	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	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	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	1 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	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	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	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	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	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	1 U	1 U	1 U	1 U	1 U	1 U	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	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	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	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	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	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	1 U	1 U	1 U	1 U	1 U	1 U
Vinyl chloride	2	1.3	1 U	1 U	1 U	1 U	1 U	1 U	0.93 J	1 U	1 U	1 U	1 U
Xylenes, Total	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

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 Stds (ug/l)	Location ID	MW-8DD	MW-8DD	MW-8DD	MW-8DD	MW-8DD	MW-8DD	MW-8DD	MW-8DD	MW-8DD	MW-8DD	X-1	
			Depth Interval	MW-8DD	MW-8DD	MW-8DD	MW-8DD	MW-8DD	MW-8DD	MW-8DD	MW-8DD	MW-8DD	MW-8DD	MW-8DD	MW-8DD
			Sample Date	6/24/2015	9/23/2015	1/13/2016	3/30/2016	6/22/2016	9/21/2016	12/21/2016	4/13/2017	6/28/2017	9/13/2017	12/20/2017	12/20/2017
			Sample ID	MW8DD062415	MW8DD 092315	MW8DD 011316	MW-8DD-033016	MW-8DD-062216	MW-8DD-092116	MW-8DD-122116	MW-8DD-041317	MW-8DD-062817	MW-8DD-062817	MW-8DD-122017	MW-8DD-122017
				ug/l	ug/l	ug/l	ug/l	ug/l	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 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 U	1 U	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 U	1 U	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 U	1 U	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 U	1 U	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 U	1 U	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 U	1 U	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 U	5 U	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 U	5 U	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	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	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 U	1 U	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 U	1 U	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 U	1 U	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 U	1 U	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 U	1 U	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 U	1 U	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 U	1 U	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 U	1 U	1 U	1 U	1 U	1 U	1.0 U	1.0 U
cis-1,2-Dichloroethene	5			1 U	1.3	1 U	1 U	1 U	1 U	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 U	1 U	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 U	1 U	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 U	1 U	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 U	1 U	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	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	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 U	1 U	1 U	1 U	1 U	1 U	1.0 U	1.0 U
Tetrachloroethene	5			1 U	1 U	1 U	1 U	1 U	0.46 J	1 U	1 U	1 U	1 U	1.0 U	1.0 U
Toluene	5			1 U	1 U	1 U	1 U	1 U	1 U	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 U	1 U	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 U	1 U	1 U	1 U	1 U	1 U	1.0 U	1.0 U
Trichloroethene	5			1 U	1 U	1 U	1 U	1 U	1.5	1 U	1 U	1 U	1 U	1.0 U	1.0 U
Vinyl chloride	2			1 U	1.6	1 U	1 U	1 U	1 U	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 U	2 U	2 U	2 U	2 U	2 U	2.0 U	2.0 U

NOTES:
 U - not detected, J - estimated, D - Diluted Result, H - Holding time exceeded, R - unusable, NS - no standard, Dup - duplicate sample, --- Not analyzed, F - MS and/or MSD recovery/RPD exceeds the control limits
 [] - Exceeds NYS Class GA Ground Water 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	Location ID	Sample ID	MW-08DD	MW-08DD	MW-08DD	MW-08DD	MW-08DD	MW-08DD	MW-08DD	MW-08DD	MW-08DD	MW-08DD		
				Depth Interval	Sample Date	GW Stds	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/L
1,1,1-Trichloroethane	5			3/14/2018	6/19/2018	9/18/2018	11/28/2018	3/19/2019	6/20/2019	9/24/2019	12/18/2019	3/18/2020	6/17/2020	9/23/2020	12/15/2020
1,1,2,2-Tetrachloroethane	5			MW 8DD 031418	MW 8DD 061918	MW 8DD 091818	MW-8DD-112818	MW-8DD-031919	MW-8DD-062019	MW-8DD-092419	MW-8DD-121819	MW 8DD 031720	MW8DD061720	MW8DD092320	MW8DD 121520
1,1,2-Trichloroethane	1			ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/L	ug/L	ug/L
1,1-Dichloroethane	5			1.0 U	1.0 U	1.0 U	1 U	1 U	1 U	1 U	1 U	1 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 U	1 U	1 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 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichloroethene (Total)	5			---	---	---	---	---	---	---	---	---	---	---	---
1,2-Dichloropropane	1			1.0 U	1.0 U	1.0 U	1 U	1 U	1 U	1 U	1 U	1 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	5 U	5 U	5 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	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	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	1 U	1 U	1 U	1 U	1 U	1 U
Bromodichloromethane	50			1.0 U	1.0 U	1.0 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Bromoform	50			1.0 U	1.0 U	1.0 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Bromomethane	5			1.0 U	1.0 U	1.0 U	1 U	1 U	1 U	1 U	1 U	1 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	1 U	1 U	1 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	1 U	1 U	1 U	1 U	1 U	1 U
Chlorobenzene	5			1.0 U	1.0 U	1.0 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Chloroethane	5			1.0 U	1.0 U	1.0 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Chloroform	7			1.0 U	1.0 U	1.0 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
cis-1,2-Dichloroethene	5			1.0 U	1.0 U	1.0 U	1 U	0.83 J	1 U	1 U	1 U	1 U	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	1 U	1 U	1 U	1 U	1 U	1 U
Dibromochloromethane	50			1.0 U	1.0 U	1.0 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Ethylbenzene	5			1.0 U	1.0 U	1.0 U	1 U	1 U	1 U	1 U	1 U	1 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	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			1.0 U	1.0 U	1.0 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Styrene	5			1.0 U	1.0 U	1.0 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Tetrachloroethene	5			1.0 U	1.0 U	1.0 U	1 U	1 U*	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Toluene	5			1.0 U	1.0 U	1.0 U	1 U	1 U	0.94 J	1 U	1 U	1 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	1 U	1 U	1 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	1 U	1 U	1 U	1 U	1 U	1 U
Trichloroethene	5			1.0 U	1.0 U	1.0 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Vinyl chloride	2			1.0 U	1.0 U	1.0 U	1 U	1 U	1 U	1 U	1 U	1 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	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	Location ID	MW-10S	MW-10S	MW-10S	MW-10S	MW-10S	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	5/15/2002	7/30/2003	2/5/2004	5/18/2004	8/5/2004
	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	MW-10S_WG_051502	MW-10S_WG_073003	MW-10S_WG_020504	MW-10S_WG_051804	MW-10S_WG_080504	
	GW Stds	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	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	0.2 J	0.5 U	0.2 J	0.2 J	0.1 J	0.5 U	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	0.5 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	0.5 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	0.9	0.7	0.7	0.4 J	
1,1-Dichloroethene	5	1 U	1 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-Dichloroethane	0.6	1 U	1 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	1.3	2	---	---	---	---	---	---	---	---	---	
1,2-Dichloropropane	1	1 U	1 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	2 U	2 U	5 U	5 U	5 U	5 U	5 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	5 U	5 U	5 U	5 U	5 U	
Acetone	50	2 U	2 U	10 U	10 J	10 U	3 J	10 U	10 U	10 U	10 U	2 J	
Benzene	1	1 U	1 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	1 U	1 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	1 U	1 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	2 U	2 U	1 U	1 UJ	1 U	1 U	1 U	1 U	1 U	1 U	1 U	
Carbon disulfide	60	1 U	1 U	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	
Carbon tetrachloride	5	1 U	1 U	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	
Chlorobenzene	5	1 U	1 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 UJ	1 U	1 U	1 U	1 U	1 U	1 U	1 U	
Chloroform	7	1 U	1 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	---	---	0.5 U	0.9	0.8	0.7	0.8	2	1	1	1	
cis-1,3-Dichloropropene	0.4	1 U	1 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	1 U	1 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	1 U	1 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 UJ	1 U	1 U	1 U	1 U	
Methyl ethyl ketone	50	4 U	4 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	
Methylene chloride	5	1 U	1 U	2 U	2 J	2 U	2 U	2 U	2 U	2 U	2 U	2 U	
Styrene	5	1 U	1 U	0.5 U	0.5 U	0.5 U	0.5 UJ	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	
Tetrachloroethene	5	1 U	1 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	
Toluene	5	1 U	1 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	---	---	0.5 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-1,3-Dichloropropene	0.4	1 U	1 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	1 U	1 U	0.1 J	0.5 U	0.2 J	0.1 J	0.1 J	0.5 U	0.5 U	0.5 U	0.5 U	
Vinyl chloride	2	1.5	1.5	0.3 J	0.2 J	1 U	0.1 J	0.1 J	0.9 J	0.4 J	0.6 J	0.4 J	
Xylenes, Total	5	1 U	1 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:
 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 Stds (ug/l)	Location ID	MW-10S	MW-10S	MW-10S	MW-10S	MW-10S	MW-10S	MW-10S	MW-10S	MW-10S	MW-10S	
		Depth Interval	Sample Date	Sample ID	MW-10S_WG_111704	MW-10S_WG_021505	MW-10S_WG_042005	MW-10S_09062005	MW-10S_11142005	MW-10S_04252006	MW-10S_11142006	MW-10S_050307	MW 10 S-103007
			ug/l	ug/l	ug/l	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	0.5 U	0.50 U	0.50 U	0.50 U	0.50 U	0.5 U	0.5 HU	0.5 U	0.5 U
1,1,2,2-Tetrachloroethane	5		0.5 U	0.5 U	0.5 U	0.50 U	0.50 U	0.50 U	0.50 U	0.5 U	0.5 HU	0.5 U	0.5 U
1,1,2-Trichloroethane	1		0.5 U	0.5 U	0.5 U	0.50 U	0.50 U	0.50 U	0.50 U	0.5 U	0.5 HU	0.5 U	0.5 U
1,1-Dichloroethane	5		0.3 J	0.2 J	0.4 J	0.26 J	0.54	0.37 J	0.35 J	0.21 J	0.5 HU	0.2 J	0.24 J
1,1-Dichloroethene	5		0.5 U	0.5 U	0.5 U	0.50 U	0.50 U	0.50 U	0.50 U	0.5 U	0.5 HU	0.5 U	0.5 U
1,2-Dichloroethane	0.6		0.5 U	0.5 U	0.5 U	0.50 U	0.50 U	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		0.5 U	0.5 U	0.5 U	0.50 U	0.50 U	0.50 U	0.50 U	0.5 U	0.5 HU	0.5 U	0.5 U
2-Hexanone	50		5 U	5 U	5 U	5.00 U	5.00 U	5.00 U	5.00 U	5 U	5 HU	5 U	5 U
4-Methyl-2-pentanone	NS		5 U	5 U	5 U	5.00 U	5.00 U	5.00 U	5.00 U	5 U	5 HU	5 U	5 U
Acetone	50		10 U	2 J	10 U	2.83 J	1.44 J	1.23 J	10 U	1.05 J	10 HU	10 U	10 U
Benzene	1		0.5 U	0.5 U	0.5 U	0.50 U	0.50 U	0.50 U	0.50 U	0.5 U	0.5 HU	0.5 U	0.5 U
Bromodichloromethane	50		0.5 U	0.5 U	0.5 U	0.50 U	0.50 U	0.50 U	0.50 U	0.5 U	0.5 HU	0.5 U	0.5 U
Bromoform	50		0.5 U	0.5 U	0.5 U	0.50 U	0.50 U	0.50 U	0.50 U	0.5 U	0.5 HU	1 U	1 U
Bromomethane	5		1 U	1 U	1 U	1.00 U	1.00 U	1.00 U	1.00 U	1 U	1 HU	1 U	1 U
Carbon disulfide	60		0.5 U	0.5 U	0.5 U	0.50 U	0.50 U	0.50 U	0.50 U	0.5 U	0.5 HU	0.5 U	0.5 U
Carbon tetrachloride	5		0.5 U	0.5 U	0.5 U	0.50 U	0.50 U	0.50 U	0.50 U	0.5 U	0.5 HU	0.5 U	0.5 U
Chlorobenzene	5		0.5 U	0.5 U	0.5 U	0.50 U	0.50 U	0.50 U	0.50 U	0.5 U	0.5 HU	0.5 U	0.5 U
Chloroethane	5		1 U	1 U	1 U	1.00 U	1.00 U	1.00 U	1.00 U	1 U	1 HU	1 U	1 U
Chloroform	7		0.5 U	0.5 U	0.5 U	0.50 U	0.50 U	0.50 U	0.50 U	0.5 U	0.5 HU	0.5 U	0.5 U
cis-1,2-Dichloroethene	5		0.5 J	0.6	0.8	0.65	1.6	1.03	1.22	0.68	0.57 H	1.09	1.36
cis-1,3-Dichloropropene	0.4		0.5 U	0.5 U	0.5 U	0.50 U	0.50 U	0.50 U	0.50 U	0.5 U	0.5 HU	0.5 U	0.5 U
Dibromochloromethane	50		0.5 U	0.5 U	0.5 U	0.50 U	0.50 U	0.50 U	0.50 U	0.5 U	0.5 HU	0.5 U	0.5 U
Ethylbenzene	5		0.5 U	0.5 U	0.5 U	0.50 U	0.50 U	0.50 U	0.50 U	0.5 U	0.5 HU	0.5 U	0.5 U
Methyl chloride	5		1 U	1 U	1 U	1.00 U	1.00 U	1.00 U	1.00 U	1 U	1 HU	1 U	0.33 J
Methyl ethyl ketone	50		10 U	10 U	10 U	10.0 U	10.0 U	10.0 U	10.0 U	10 U	10 HU	10 U	10 U
Methylene chloride	5		2 U	2 U	2 U	2.00 U	2.00 U	2.00 U	2.00 U	2 U	2 HU	2 U	2 U
Styrene	5		0.5 U	0.5 U	0.5 U	0.50 U	0.50 U	0.50 U	0.50 U	0.5 U	0.5 HU	0.5 U	0.5 U
Tetrachloroethene	5		0.5 U	0.5 U	0.5 U	0.50 U	0.50 U	0.50 U	0.50 U	0.5 U	0.5 HU	0.5 U	0.5 U
Toluene	5		0.5 U	0.5 U	0.5 U	0.50 U	0.50 U	0.50 U	0.50 U	0.5 U	0.5 HU	0.5 U	0.5 U
trans-1,2-Dichloroethene	5		0.5 U	0.5 U	0.5 U	0.50 U	0.50 U	0.50 U	0.50 U	0.5 U	0.5 HU	0.5 U	0.5 U
trans-1,3-Dichloropropene	0.4		0.5 U	0.5 U	0.5 U	0.50 U	0.50 U	0.50 U	0.50 U	0.5 U	0.5 HU	0.5 U	0.5 U
Trichloroethene	5		0.5 U	0.1 J	0.1 J	0.50 U	0.50 U	0.50 U	0.50 U	0.5 U	0.5 HU	0.5 U	0.5 U
Vinyl chloride	2		0.2 J	1 U	0.3 J	0.21 J	0.61 J	0.34 J	0.39 J	1 U	1 HU	1 U	0.45 J
Xylenes, Total	5		0.5 U	0.5 U	0.5 U	1.00 U	1.00 U	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	Class GA	Location ID	MW-10S	MW-10S	MW-10S	MW-10S	MW-10S	MW-10S	MW-10S	MW-10S	MW-10S	MW-10S	MW-10S
		Depth Interval	-	-	-	-	-	-	-	-	-	-	-
		Sample Date	10/22/2009	05/18/2010	01/20/2011	4/20/2011	7/26/2011	10/27/2011	3/20/2012	8/7/2012	12/19/2012	5/21/2013	8/22/2013
		Sample ID	MW-10S-10222009	V-10S-051810051820	MW-10S-01202011	MW-10S-042011	MW-10S072611	MW10S102711	MW10S032012	MW10S080712	MW-10S-121912	MW-10-052113	MW-10-082213
		GW Stds	ug/l	ug/l	ug/l	ug/l	ug/l	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 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 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 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 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 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 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	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	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
Acetone	50		5 U	5 U	10 U	10 U	10 U	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	1 U	1 U	1 U	1 U	1 U
Bromodichloromethane	50		1 U	1 U	1 U	1 U	1 U	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	1 U	1 U	1 U	1 U	1 U
Bromomethane	5		1 U	1 U	1 U	1 U	1 U	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	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	1 U	1 U	1 U	1 U	1 U
Chlorobenzene	5		1 U	1 U	1 U	1 U	1 U	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	1 U	1 U	1 U	1 U	1 U
Chloroform	7		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
cis-1,2-Dichloroethene	5		1.5	1.8	1.2	1 U	1.3	1.2	0.96 J	0.93 J	1.3	1 U	0.91 J
cis-1,3-Dichloropropene	0.4		1 U	1 U	1 U	1 U	1 U	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	1 U	1 U	1 U	1 U	1 U
Ethylbenzene	5		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Methyl chloride	5		---	1 U	0.81 J	1 U	1 U	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	10 U	10 U	10 U	10 U
Methylene chloride	5		1 U	1 U	1 U	1 U	1 U	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	1 U	1 U	1 U	1 U	1 U
Tetrachloroethene	5		1 U	1 U	1 U	1 U	1 U	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	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	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	1 U	1 U	1 U	1 U	1 U
Trichloroethene	5		1 U	1 U	1 U	1 U	1 U	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	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	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	Location ID Depth Interval Sample Date	MW-10S MW-10S-121813	MW-10S MW-10S-032514	MW-10S MW-10S-061014	MW-10S MW10S092314	MW-10S MW 10S 120914	X-1 MW 10S 120914	MW-10S MW10S 031715	MW-10S MW10S 062515	MW-10S MW10S 092215	MW-10S MW10S 011216	MW-10S MW10S 032916
GW Stds (ug/l)			ug/l	ug/l	mg/l	ug/l	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 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 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 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 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 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 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	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	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
Acetone	50		10 U	10 U	10 U	10 U	10 U	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	1 U	1 U	1 U	1 U	1 U
Bromodichloromethane	50		1 U	1 U	1 U	1 U	1 U	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*	1 U	1 U	1 U	1 U	1 U
Bromomethane	5		1 U	1 U	1 U	1 U	1 U	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	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	1 U	1 U	1 U	1 U	1 U*
Chlorobenzene	5		1 U	1 U	1 U	1 U	1 U	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	1 U	1 U	1 U	1 U	1 U
Chloroform	7		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
cis-1,2-Dichloroethene	5		1.3	1 U	1 U	0.82 J	[5.1]	[5.2]	1 U	1 U	1 U	1.9	1 U
cis-1,3-Dichloropropene	0.4		1 U	1 U	1 U	1 U	1 U	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*	1 U	1 U	1 U	1 U	1 U
Ethylbenzene	5		1 U	1 U	1 U	1 U	1 U	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	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
Methylene chloride	5		1 U	1 U	1 U	1 U	1 U	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	1 U	1 U	1 U	1 U	1 U
Tetrachloroethene	5		1 U	1 U	1 U	1 U	1 U	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	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	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	1 U	1 U	1 U	1 U	1 U*
Trichloroethene	5		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Vinyl chloride	2		1 U	1 U	1 U	1 U	1.6	1.7	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	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	Location ID	MW-10S	MW-10S	MW-10S	MW-10S	MW-10S	MW-10S	MW-10S	MW-10S	MW-10S	MW-10S	MW-10S
		Depth Interval	-	-	-	-	-	-	-	-	-	-	-
		Sample Date	6/21/2016	9/20/2016	12/20/2016	4/11/2017	6/27/2017	9/12/2017	12/21/2017	3/15/2018	6/20/2018	9/19/2018	9/19/2018
		Sample ID	MW10S 062116	MW10S 092016	MW10S 122016	MW10S 041117	MW10S 062717	MW10S 091217	MW10S 122117	MW 10S 031518	MW 10S 062018	X-1	MW 10S 091918
		GW Stds	ug/l	ug/l	ug/l	ug/l	ug/l	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 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1,2,2-Tetrachloroethane	5		1 U	1 U	1 U	1 U	1 U	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 U	1 U	1 U	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 U	1 U	1 U	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 U	1 U	1 U	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 U	1 U	1 U	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 U	1 U	1 U	1 U	1 U	1.0 U	1.0 U	1.0 U	1.0 U
2-Hexanone	50		5 U	5 U	5 U	5 U	5 U	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 U	5 U	5 U	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	10 U	10 U	10 U	10 U	10 U
Benzene	1		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromodichloromethane	50		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromoform	50		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromomethane	5		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1.0 U	1.0 U	1.0 U	1.0 U
Carbon disulfide	60		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1.0 U	1.0 U	1.0 U	1.0 U
Carbon tetrachloride	5		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1.0 U	1.0 U	1.0 U	1.0 U
Chlorobenzene	5		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1.0 U	1.0 U	1.0 U	1.0 U
Chloroethane	5		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1.0 U	1.0 U	1.0 U	1.0 U
Chloroform	7		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1.0 U	1.0 U	1.0 U	1.0 U
cis-1,2-Dichloroethene	5		[10]	[14]	[13]	1.2	1.3	[29]	3.3	2.9	[12]	[30]	[37]
cis-1,3-Dichloropropene	0.4		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1.0 U	1.0 U	1.0 U	1.0 U
Dibromochloromethane	50		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1.0 U	1.0 U	1.0 U	1.0 U
Ethylbenzene	5		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1.0 U	1.0 U	1.0 U	1.0 U
Methyl chloride	5		1 U	1 U	1 U	1 U	1 U	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	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	1 U	1.0 U	1.0 U	1.0 U	1.0 U
Styrene	5		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1.0 U	1.0 U	1.0 U	1.0 U
Tetrachloroethene	5		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1.0 U	1.0 U	1.0 U	1.0 U
Toluene	5		1 U	1 U	1 U	1 U	1 U	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 U	1 U	1 U	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 U	1 U	1 U	1 U	1 U	1.0 U	1.0 U	1.0 U	1.0 U
Trichloroethene	5		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1.0 U	1.0 U	1.0 U	1.0 U
Vinyl chloride	2		[2.3]	[2.8]	[1.4]	1 U	1 U	[6.6]	1 U	1.0 U	[2.3]	[4.0]	[4.9]
Xylenes, Total	5		2 U	2 U	2 U	2 U	2 U	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	GW Stds (ug/l)	Location ID	MW-10S	MW-10S	MW-10S	MW-10S	MW-10S	MW-10S	MW-10S	MW-10S	MW-10S		
			Depth Interval	Sample Date	Sample ID	ug/l	ug/l	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 U	1 U	1 U		
1,1,2,2-Tetrachloroethane	5			1 U	1 U	1 U	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 U	1 U	1 U		
1,1-Dichloroethane	5			1 U	1 U	1 U	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 U	1 U	1 U		
1,2-Dichloroethane	0.6			1 U	1 U	1 U	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	1 U	1 U	1 U		
2-Hexanone	50			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		
Acetone	50			10 U	10 U	10 U	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	1 U	1 U	1 U		
Bromodichloromethane	50			1 U	1 U	1 U	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	1 U	1 U	1 U		
Bromomethane	5			1 U	1 U	1 U	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	1 U	1 U	1 U		
Carbon tetrachloride	5			1 U	1 U	1 U	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	1 U	1 U	1 U		
Chloroethane	5			1 U	1 U	1 U	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	1 U	1 U	1 U		
cis-1,2-Dichloroethene	5			1.1	1	1 U	1 U	[20]	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	1 U	1 U	1 U	1 U	1 U
Dibromochloromethane	50			1 U	1 U	1 U	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	1 U	1 U	1 U		
Methyl chloride	5			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		
Methylene chloride	5			1 U	1 U	1 U	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	1 U	1 U	1 U		
Tetrachloroethene	5			1 U	1 U	1 U	1 U*	1 U	1 U	1 U	1 U	1 U		
Toluene	5			1 U	1 U	1 U	1 U	0.59 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	1 U	1 U	1 U		
trans-1,3-Dichloropropene	0.4			1 U *	1 U *	1 U	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	1 U	1 U	1 U		
Vinyl chloride	2			1 U	1 U	1 U	1 U	[3.5]	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	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 Stds (ug/l)	Location ID	MW-10D	MW-10D	MW-10D	MW-10D	MW-10D	MW-10D	MW-10D	MW-10D	MW-10D	MW-10D	MW-10D
		Depth Interval	Sample Date	Sample ID	MW-10D_WG_072997	MW-10D_WG_091597	MW-10D_WG_021500	MW-10D_WG_081401	MW-10D_WG_112901	MW-10D_WG_022702	MW-10D_WG_051502	MW-10D_WG_073003	MW-10D_WG_020504
1,1,1-Trichloroethane	5		1 U	1 U	0.1 J	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		1 U	1 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		1 U	1 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		1 U	1 U	2	0.5	0.5 J	1	0.3 J	0.1 J	0.5 U	0.5 U	0.5 U
1,1-Dichloroethene	5		1 U	1 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-Dichloroethane	0.6		1 U	1 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 U	1 U	---	---	---	---	---	---	---	---	---
1,2-Dichloropropane	1		1 U	1 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		2 U	2 U	5 U	5 U	5 U	5 U	5 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	5 U	5 U	5 U	5 U	5 U
Acetone	50		2 U	2 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	1 J	10 U
Benzene	1		1 U	1 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		1 U	1 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		1 U	1 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		2 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Carbon disulfide	60		1 U	1 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		1 U	1 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		1 U	1 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
Chloroform	7		0.3	1 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		---	---	0.5 U	0.3 J	0.3 J	0.4 J	0.3 J	0.1 J	0.5 U	0.5 U	0.5 U
cis-1,3-Dichloropropene	0.4		1 U	1 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		1 U	1 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		1 U	1 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
Methyl ethyl ketone	50		4 U	4 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Methylene chloride	5		1 U	1 U	2 U	2 J	2 U	2 U	2 U	2 U	2 U	2 U	2 U
Styrene	5		1 U	1 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		1 U	1 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
Toluene	5		1 U	1 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		---	---	0.5 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-1,3-Dichloropropene	0.4		1 U	1 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		1 U	1 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
Vinyl chloride	2		1 U	1 U	0.8 J	0.7 J	[2]	0.5 J	1	0.2 J	1 U	0.1 J	1 U
Xylenes, Total	5		1 U	1 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:
 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 Stds (ug/l)	Location ID	MW-10D	MW-10D	MW-10D	MW-10D	MW-10D	MW-10D	MW-10D	MW-10D	MW-10D	MW-10D		
		Depth Interval	Sample Date	Sample ID	MW-10D_WG_111704	MW-10D_WG_021505	MW-10D_WG_042005	MW-10D_09062005	MW-10D_11142005	MW-10D_04252006	MW-10D_11142005	MW-10D_04252006	MW-10D_11142006	MW-10D_050307
1,1,1-Trichloroethane	5		0.5 U	0.5 U	0.5 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.5 U	0.5 HU
1,1,2,2-Tetrachloroethane	5		0.5 U	0.5 U	0.5 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.5 U	0.5 HU
1,1,2-Trichloroethane	1		0.5 U	0.5 U	0.5 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.5 U	0.5 HU
1,1-Dichloroethane	5		0.5 U	0.5 U	0.5 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.5 U	0.5 HU
1,1-Dichloroethene	5		0.5 U	0.5 U	0.5 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.5 U	0.5 HU
1,2-Dichloroethane	0.6		0.5 U	0.5 U	0.5 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.5 U	0.5 HU
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	0.50 U	0.50 U	0.50 U	0.50 U	0.5 U	0.5 HU
2-Hexanone	50		5 U	5 U	5 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5 U	5 HU
4-Methyl-2-pentanone	NS		5 U	5 U	5 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5 U	5 HU
Acetone	50		10 U	2 J	10 U	1.94 J	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10 U	10 HU
Benzene	1		0.5 U	0.5 U	0.5 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.5 U	0.5 HU
Bromodichloromethane	50		0.5 U	0.5 U	0.5 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.5 U	0.5 HU
Bromoform	50		0.5 U	0.5 U	0.5 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.5 U	0.5 HU
Bromomethane	5		1 U	1 U	1 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1 U	1 HU
Carbon disulfide	60		0.5 U	0.5 U	0.5 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.5 U	0.5 HU
Carbon tetrachloride	5		0.5 U	0.5 U	0.5 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.5 U	0.5 HU
Chlorobenzene	5		0.5 U	0.5 U	0.5 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.5 U	0.5 HU
Chloroethane	5		1 U	1 U	1 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1 U	1 HU
Chloroform	7		0.5 U	0.5 U	0.5 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.5 U	0.5 HU
cis-1,2-Dichloroethene	5		0.5 U	0.5 U	0.5 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.5 U	0.5 HU
cis-1,3-Dichloropropene	0.4		0.5 U	0.5 U	0.5 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.5 U	0.5 HU
Dibromochloromethane	50		0.5 U	0.5 U	0.5 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.5 U	0.5 HU
Ethylbenzene	5		0.5 U	0.5 U	0.5 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.5 U	0.5 HU
Methyl chloride	5		1 U	1 U	1 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1 U	1 HU
Methyl ethyl ketone	50		10 U	10 U	10 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10 U	10 HU
Methylene chloride	5		2 U	2 U	2 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2 U	2 HU
Styrene	5		0.5 U	0.5 U	0.5 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.5 U	0.5 HU
Tetrachloroethene	5		0.5 U	0.5 U	0.5 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.5 U	0.5 HU
Toluene	5		0.5 U	0.5 U	0.5 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.5 U	0.5 HU
trans-1,2-Dichloroethene	5		0.5 U	0.5 U	0.5 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.5 U	0.5 HU
trans-1,3-Dichloropropene	0.4		0.5 U	0.5 U	0.5 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.5 U	0.5 HU
Trichloroethene	5		0.5 U	0.5 U	0.5 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.5 U	0.5 HU
Vinyl chloride	2		1 U	1 U	1 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1 U	1 HU
Xylenes, Total	5		0.5 U	0.5 U	0.5 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1 U	1 HU

NOTES:
 U - not detected, J - estimated, D - Diluted Result, H - Holding time exceeded, R - unusable, NS - no standard, Dup - duplicate sample, --- Not analyzed, F - MS and/or MSD recovery/RPD exceeds the control limits
 [] - Exceeds NYS Class GA Ground Water 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	Location ID Depth Interval Sample Date	MW-10D MW 10 D-052208	MW-10D MW 10 D-111908	MW-10D MW-10D-10222009	MW-10D V-10D-05181005182C	MW-10D MW-10D-01202011	MW-10D MW-10D072611	MW-10D MW-10D-042011	MW-10D X1072611	MW-10D MW10D102711	MW-10D MW10D032012	MW-10D MW10D080712
GW Stds (ug/l)	Sample ID	5/22/2008	11/19/2008	10/22/2009	5/18/2010	1/20/2011	7/26/2011	4/20/2011	7/26/2011	10/27/2011	3/20/2012	8/7/2012	
ug/l	ug/l	ug/l	ug/l	ug/l	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	1 U	1 U	1 U	1 U	1 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 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 U	1 U	1 U	1 U	1 U
1,1-Dichloroethane	5		0.5 U	0.5 U	1 U	1 U	1 U	1 U	1 U	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 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 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	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	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
Acetone	50		10 U	10 U	5 U	5 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Benzene	1		0.5 U	0.5 U	1 U	1 U	1 U	1 U	1 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	1 U	1 U	1 U	1 U	1 U
Bromoform	50		1 U	1 U	1 U	1 U	1 U	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	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	1 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	1 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	1 U	1 U	1 U	1 U	1 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
Chloroform	7		0.5 U	0.5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
cis-1,2-Dichloroethene	5		0.5 U	0.5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
cis-1,3-Dichloropropene	0.4		0.5 U	0.5 U	1 U	1 U	1 U	1 U	1 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	1 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	1 U	1 U	1 U	1 U	1 U
Methyl chloride	5		1 U	1 U	---	1 U	0.93 J	1 U	1 U	1 U	1 U	1 U	1 U
Methyl ethyl ketone	50		10 U	10 U	---	5 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Methylene chloride	5		2 U	2 U	1 U	1 U	1 U	1 U	1 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	1 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	1 U	1 U	1 U	1 U	1 U
Toluene	5		0.5 U	0.5 U	1 U	1 U	0.91 J	1 U	1 U	1 U	1 U	1 U	1 U
trans-1,2-Dichloroethene	5		0.5 U	0.5 U	1 U	1 U	1 U	1 U	1 U	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	1 U	1 U	1 U	1 U	1 U
Trichloroethene	5		0.5 U	0.5 U	1 U	1 U	1 U	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	1 U	1 U	1 U	1 U	1 U
Xylenes, Total	5		1 U	1 U	2 U	2 U	2 U	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 Stds (ug/l)	Location ID	MW-10D	MW-10D	MW-10D	MW-10D	X-1-121813	MW-10D	MW-10D	MW-10D	MW-10D	X-1	MW-10D
			Depth Interval	Sample Date	Sample ID	Sample ID	Sample ID	Sample ID	Sample ID	Sample ID	Sample ID	Sample ID	Sample ID	Sample ID
			ug/l	ug/l	ug/l	ug/l	ug/l	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 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 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 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 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 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 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	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	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	10 U	10 U	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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		1 U	1 U	1 U	1 U	1 U	1 U	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	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	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	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	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	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	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	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	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 Stds (ug/l)	Location ID	MW-10D	MW-10D	MW-10D	MW-10D	MW-10D	MW-10D	MW-10D	MW-10D	MW-10D	MW-10D	MW-10D
		Depth Interval	Sample Date	Sample ID	Sample ID	Sample ID	Sample ID	Sample ID	Sample ID	Sample ID	Sample ID	Sample ID	Sample ID
			ug/l	ug/l	ug/l	ug/l	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 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 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 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 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 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 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 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 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 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	10 U	10 U	10 U	10 U	3.0 J
Benzene	1		1 U	1 U	1 U	1 U	1 U	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 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 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 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 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 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 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 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 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 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 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 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 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 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	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	1 U	1 U	1 U	1 U	1.0 U
Styrene	5		1 U	1 U	1 U	1 U	1 U	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 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 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 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 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 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 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 U	2 U	2 U	2 U	2 U	2.0 U

NOTES:
 U - not detected, J - estimated, D - Diluted Result, H - Holding time exceeded, R - unusable, NS - no standard, Dup - duplicate sample, --- Not analyzed, F - MS and/or MSD recovery/RPD exceeds the control limits
 [] - Exceeds NYS Class GA Ground Water 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-10D	MW-10D	MW-10D	MW-10D	MW-10D	MW-10D	MW-10D	MW-10D	MW-10D	MW-10D	MW-10D
		Depth Interval	Sample Date	Sample ID	Sample ID	Sample ID	Sample ID	Sample ID	Sample ID	Sample ID	Sample ID	Sample ID	Sample ID
			ug/l	ug/l	ug/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 U	1 U	1 U	1 U	1 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 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 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 U	1 U	1 U	1 U F1	1 U
1,1-Dichloroethene	5		1.0 U	1 U	1 U	1 U	1 U	1 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 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	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	5 U	5 U	5 U	5 U F1	5 U
4-Methyl-2-pentanone	NS		5.0 U*	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U F1	5 U
Acetone	50		10 U	10 U	10 U	10 U	10 U	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	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	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	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	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	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	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	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	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	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	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	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	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	1 U	1 U	1 U	1 U	1 U
Methyl chloride	5		1.0 U	1 U	1 U	1 U	0.38 J	1 U	1 U	1 U	1 U	1 U F1	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
Methylene chloride	5		1.0 U	1 U	1 U	1 U	1 U	1 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	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	1 U	1 U	1 U	1 U	1 U
Toluene	5		1.0 U	1 U	1 U	1 U	0.56 J	1 U	1 U	1 U	1 U	1 U	1 U
trans-1,2-Dichloroethene	5		1.0 UF1	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
trans-1,3-Dichloropropene	0.4		1.0 UF1	1 U *	1 U	1 U	1 U	1 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	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	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	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 5
Groundwater Data - Geochemical
Forest Glen Superfund Site
Niagara Falls, New York**

Chemical Name	Class GA GW Stds (mg/l)	Location ID Depth Interval Sample Date Sample ID	MW-10D	MW-10D	MW-10D	MW-10D	MW-10D	MW-10D	MW-10D	MW-10D
			MW-10D_WG_021500	MW-10D_WG_081401	MW-10D_WG_112901	MW-10D_WG_022702	MW-10D_WG_051502	MW-10D_WG_111704	MW-10D_11142005	MW-10D_11142006
		units	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l
Alkalinity (As Caco3)	NS	mg/l	240	260	270	230	270	270	270	280
Chloride	250	mg/l	190	220	230	120	230	[370]	[330]	[330]
Nitrate (as N)	10	mg/l	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.035 J	0.1 U
Nitrite (as N)	1	mg/l	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.011 J	0.05 U	0.1 U
Nitrite-Nitrate Nitrogen	NS	mg/l	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	---	---
Sulfate	250	mg/l	7.5 U	220	210	150	220	[370]	[340]	[320]
Total Sulfides	NS	mg/l	0.2 U	0.2 U	0.2 U	0.2 U	0.2	0.60 J	0.8 U	0.8 U
Total Organic Carbon, Filtered	NS	mg/l	5	6	4	4	1 U	3.3	3.5	19
pH	NS	STD u	8	---	---	---	---	---	---	---

NOTES:

U - not detected, J - estimated, D - Diluted Result, B - analyte was detected in the associated 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 Depth Interval Sample Date Sample ID units	MW-10D	MW-10D	MW-10D	MW-10D	MW-10D	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-10222009 mg/l	- 5/18/2010 N-10D-051810051820 mg/l	- 1/20/2011 MW-10D-01202011 mg/l	- 4/20/2011 MW-10D-042011 mg/l	- 7/26/2011 MW-10D072611 mg/l	- 7/26/2011 X1072611 mg/l	- 10/27/2011 MW10D102711 mg/l
Alkalinity (As Caco3)	NS	mg/l	270	270	248 D	317 B	273	258	278 B	285 B	251
Chloride	250	mg/l	[350]	[320]	[295] D	247	[293]	224	233	234	237
Nitrate (as N)	10	mg/l	0.1	0.1 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
Nitrite (as N)	1	mg/l	0.1	0.1 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
Nitrite-Nitrate Nitrogen	NS	mg/l	---	---	---	---	---	---	---	---	---
Sulfate	250	mg/l	[310]	[260]	232 D	241	242 B	247	242	245	[253]
Total Sulfides	NS	mg/l	1	1 U	0	0.002 U	0.1 U	0.059 J	0.1 U	0.1 U	0.1 U
Total Organic Carbon, Filtered	NS	mg/l	3.8	15	2.8	3.9	2	1 U	3.4	3.3	1.6
pH	NS	STD u	---	---	---	---	---	---	---	---	---

NOTES:
 U - not detected, J - estimated, D - Diluted Result, B - analyte was detected in the associated method blank, R - unusable, NS - no standard, Dup - duplicate sample, --- Not Analyzed
 H - Sample analyzed beyond the specified holding time, F1 - MS and/or MSD outside acceptable limits
 [] - 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 Depth Interval Sample Date Sample ID units	MW-10D	MW-10D	MW-10D	MW-10D	MW-10D	MW-10D	X-1-121813	MW-10D	MW-10D
			- 3/20/2012 MW10D032012 mg/l	- 8/7/2012 MW10D080712 mg/l	- 12/19/2012 MW-10D-121912 mg/l	- 5/21/2013 MW-10D-052113 mg/l	- 8/22/113 MW-10D-082213 mg/l	- 12/18/2013 MW-10D-121813 mg/l	- 12/18/2013 MW-10D-121813 mg/l	- 3/25/2014 MW-10D-032514 mg/l	- 6/10/2014 MW-10D-061014 mg/l
Alkalinity (As Caco3)	NS	mg/l	---	277	327 B	319	361	308	331	308	272
Chloride	250	mg/l	83.9	208	212	144 B	122	128 B	128 B	[290]	[373]
Nitrate (as N)	10	mg/l	0.05 U	0.05 U	0.022 J	0.05 U	0.05 U	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	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
Nitrite-Nitrate Nitrogen	NS	mg/l	---	---	---	---	---	---	---	---	---
Sulfate	250	mg/l	---	185	228	200	427	216	216	241	233
Total Sulfides	NS	mg/l	0.1 U	0.065 J	0.26	0.1 U	0.1 U	0.064 J	0.068 J	0.1 U	0.073 J
Total Organic Carbon, Filtered	NS	mg/l	5.2	1.4	2.3	15.1	3	4.3	4	4	3
pH	NS	STD u	---	---	---	---	---	---	---	---	---

NOTES:
 U - not detected, J - estimated, D - Diluted Result, B - analyte was detected in the associated method blank, R - unusable, NS - no standard, Dup - duplicate sample, --- Not Analyzed
 H - Sample analyzed beyond the specified holding time, F1 - MS and/or MSD outside acceptable limits
 [] - 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 Depth Interval Sample Date Sample ID units	MW-10D	MW-10D	MW-10D	MW-10D	MW-10D	MW-10D	MW-10D	MW-10D	MW-10D
			- 9/23/2014 MW10D092314 mg/l	- 4/12/2017 MW10D041217 mg/l	- 9/12/2017 MW10D091217 mg/l	- 9/19/2018 MW10D091918 mg/l	- 3/20/2019 MW10D032019 mg/l	- 9/25/2019 MW-10D-092519 mg/L	- 3/17/2020 MW 10D 031720 mg/L	- 3/17/2020 X-1 031720 mg/L	- 9/22/2020 MW 10D 092220 mg/L
Alkalinity (As Caco3)	NS	mg/l	339 B	282	259 B	261 B	270 B	291	277 B	284	333
Chloride	250	mg/l	[412]	[354]	[368]	[389]	[380]	[391]	[368]	[366]	[382]
Nitrate (as N)	10	mg/l	0.05 U	0.05	0.05 U	0.050 U	0.05 U	0.050 U	0.022 JH	0.05 UH	0.05 U H
Nitrite (as N)	1	mg/l	0.05 U	0.05	0.05 U	0.050 U	0.05 UH	0.037 JB	0.05 UH	0.05 UH	0.05 U H
Nitrite-Nitrate Nitrogen	NS	mg/l	---	---	---	---	---	---	---	---	---
Sulfate	250	mg/l	[257]	238	[257]	[260]	249	210	232	231	229
Total Sulfides	NS	mg/l	0.1 U	0.18	0.08 J	0.10 UHF1	0.1 UH F1*	1.0 U	1.0 U	1.0 U	1.0 U
Total Organic Carbon, Filtered	NS	mg/l	2.9	2.5	3.8 B	2.7 B	2.5	3.4	3.1	3.1	3.1 F2 F1
pH	NS	STD u	---	---	---	---	---	---	---	---	---

NOTES:

U - not detected, J - estimated, D - Diluted Result, B - analyte was detected in the associated method blank, R - unusable, NS - no standard, Dup - duplicate sample, --- Not Analyzed
H - Sample analyzed beyond the specified holding time, F1 - MS and/or MSD outside acceptable limits
[] - 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 Depth Interval Sample Date Sample ID	MW-01S	MW-01S	MW-01S	MW-01S	MW-01S	MW-01S	MW-01S
			-	-	-	-	-	-	-
			2/14/2000	8/13/2001	11/26/2001	2/25/2002	5/13/2002	11/16/2004	11/15/2005
			MW-01S_WG_021400	MW-01S_WG_081301	MW-01S_WG_112601	MW-01S_WG_022502	MW-01S_WG_051302	MW-01S_WG_111604	MW-1S_11152005
		units	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l
Alkalinity (As Caco3)	NS	mg/L	250	300	270	260	340	270	260
Chloride	250	mg/L	[560]	[920]	[670]	[660]	[510]	[1000]	[940]
Nitrate (as N)	10	mg/L	0.24	0.05 U	0.27	0.08	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	0.05 U	0.0046 J	0.05 U
Nitrite-Nitrate Nitrogen	NS	mg/L	0.24	0.05 U	0.27	0.08	0.05 U	0.05 U	---
Sulfate	250	mg/l	7.5 U	[270]	[290]	220	[280]	[360]	[320]
Total Sulfides	NS	mg/l	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.40 J	0.40 J
Total Organic Carbon, Filtered	NS	mg/L	5	6	3	1	2	3.6	9.2
pH	NS	STD u	7.3	---	---	---	---	---	---

NOTES:

U - not detected, J - estimated, D - Diluted Result, B - analyte was detected in the associated method blank, R - unusable, NS - no standard, Dup - duplicate sample, --- Not Analyzed
 H - Sample analyzed beyond the specified holding time
 [] - Exceeds NYS Class GA Ground Water Quality Standard
 Data have note been validated

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

Chemical Name	Class GA GW Stds (mg/l)	Location ID Depth Interval Sample Date Sample ID units	MW-01S	MW-01S	MW-01S	MW-01S	MW-01S	MW-01S	MW-01S	MW-01S	MW-01S
			- 11/14/2006 MW-1S_11142006 mg/l	- 10/29/2007 MW-1S-102907 mg/l	- 11/18/2008 MW-1S-111808 mg/l	- 10/19/2009 MW-1S-10192009 mg/l	- 05/18/2010 W-1S-0518100518201 mg/l	- 1/19/2011 MW-1S_01192011 mg/l	- 4/18/2011 MW-1S-041811 mg/l	- 7/26/2011 MW-1S072611 mg/l	- 10/25/2011 MW1S102511 mg/l
Alkalinity (As Caco3)	NS	mg/L	300	240	260	356 D,B	279 B	268	200 B	322 B	288
Chloride	250	mg/L	[970]	[1700]	[1300]	[841] D,B	[1570]	[1190]	[1860] B	[1130]	[786]
Nitrate (as N)	10	mg/L	0.1 U	0.1	0.2 U	0.05 U	0.21	0.15	0.35	0.05 U	0.055
Nitrite (as N)	1	mg/l	0.1 U	0.1	0.2 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
Nitrite-Nitrate Nitrogen	NS	mg/L	---	---	---	---	---	---	---	---	---
Sulfate	250	mg/l	[280]	[280]	240	217 D	228	241 B	190	226	227
Total Sulfides	NS	mg/l	0.8 U	1	1 U	0	0.01	0.1 U	0.1 U	0.1 U	0.1 U
Total Organic Carbon, Filtered	NS	mg/L	5.1	3	15	2.3	3.7	1 U	2.2	3.9	5.3
pH	NS	STD u	---	---	---	---	---	---	---	---	---

NOTES:
U - not detected, J - estimated, D - [] - Exceeds NYS Class GA Ground Water Quality Standard
H - Sample analyzed beyond the specified holding time
Data have note been validated

NOTES:
U - not detected, J - estimated, D - Diluted Result, B - analyte was detected in the associated method blank, R - unusable, NS - no standard, Dup - duplicate sample, --- Not Analyzed
H - Sample analyzed beyond the specified holding time
[] - Exceeds NYS Class GA Ground Water Quality Standard
Data have note been validated



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

Chemical Name	Class GA GW Stds (mg/l)	Location ID Depth Interval Sample Date Sample ID units	MW-01S	MW-01S	MW-1S	MW-1S	MW-1S	MW-1S	MW-1S	MW-1S	MW-1S
			3/20/2012 MW1S032012	8/7/2012 MW1S080712	12/18/2012 MW-1S-121812	5/21/2013 MW-1S-052113	8/19/2013 MW-1S-081913	12/18/2013 MW-1S-121813	3/25/2014 MW-1S-032514	6/9/2014 MW-1S-060914	9/23/2014 MW1S092314
			mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/L	mg/l
Alkalinity (As Caco3)	NS	mg/L	---	292	218	241	305 B	300	203	282	363 B
Chloride	250	mg/L	[1370] B	[1040]	[604 B]	[1270 B]	[753 B]	[557]	[2030]	[1260]	[880]
Nitrate (as N)	10	mg/L	0.22	0.1	3.3	2.6	0.6	0.34	0.37	0.41	0.67
Nitrite (as N)	1	mg/l	0.05 U	0.05 U	0.1 H	0.09	0.059	0.037 J	0.022 JB	0.05 U	0.033 JB
Nitrite-Nitrate Nitrogen	NS	mg/L	---	---	---	---	---	---	---	---	---
Sulfate	250	mg/l	---	224	351	349	[369]	[311]	[292]	[278]	[275] B
Total Sulfides	NS	mg/l	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	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	3	3.5	3	3.1	4.3
pH	NS	STD u	---	---	---	---	---	---	---	---	---

NOTES:
U - not detected, J - estimated, D - I
H - Sample analyzed beyond the spe
[] - Exceeds NYS Class GA Ground \
Data have note been validated

NOTES:
U - not detected, J - estimated, D - Diluted Result, B - analyte was detected in the associated method blank, R - unusable, NS - no standard, Dup - duplicate sample, --- Not Analyzed
H - Sample analyzed beyond the specified holding time
[] - Exceeds NYS Class GA Ground Water Quality Standard
Data have note been validated



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

Chemical Name	Class GA GW Stds (mg/l)	Location ID Depth Interval Sample Date Sample ID	MW-1S	X-1	MW-1S	MW-1S	MW-1S	MW-1S	MW-01S	MW-01S
			4/11/2017 MW1S041117	4/11/2017 MW1S041117	9/12/2017 MW1S091217	9/18/2018 MW1S091818	3/18/2019 MW1S031819	9/24/2019 MW1S092419	3/17/2020 MW 1S 031720	9/22/2020 MW 1S 092220
		units	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l
Alkalinity (As Caco3)	NS	mg/L	265	282	349 B	300 B	207 B	344	285 B	360
Chloride	250	mg/L	[1150]	[1180]	[788]	[1640]	[2240]	[895]	[1850]	[1240]
Nitrate (as N)	10	mg/L	0.12	0.13	0.05 U	0.041 J	0.17 H	0.022 J	0.081 H	0.05 U H
Nitrite (as N)	1	mg/l	0.05	0.05	0.05 U	0.050 U	0.050 UH	0.050 U	0.039 JHB	0.05 U H
Nitrite-Nitrate Nitrogen	NS	mg/L	---	---	---	---	---	---	---	---
Sulfate	250	mg/l	217	217	217	[409]	243	174	233	[269]
Total Sulfides	NS	mg/l	0.05 J	0.06 J	0.1 U	0.10 UH	0.10 UH*	1.0 U	1000 U	1.0 U
Total Organic Carbon, Filtered	NS	mg/L	2.2	2.3	4.5 B	4.2 B	2.7 B	4.5	2.6	4.5
pH	NS	STD u	---	---	---	---	---	---	---	---

NOTES:
U - not detected, J - estimated, D - [] - Exceeds NYS Class GA Ground Water Quality Standard
H - Sample analyzed beyond the specified holding time
Data have note been validated

NOTES:
U - not detected, J - estimated, D - Diluted Result, B - analyte was detected in the associated method blank, R - unusable, NS - no standard, Dup - duplicate sample, --- Not A
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)	units	MW-01D 2/14/2000 MW-01D_WG_021400	MW-01D 8/13/2001 MW-01D_WG_081301	MW-01D 11/26/2001 MW-01D_WG_112601	MW-01D 2/25/2002 MW-01D_WG_022502	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
Alkalinity (As Caco3)	NS	mg/L	330	310	340	330	340	320	320	340
Chloride	250	mg/L	[270]	220	[260]	240	[250]	220	[260]	[350]
Nitrate (as N)	10	mg/L	0.05 U	0.05 U	0.05 U	0.05 U	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	0.05 U	0.05 U	0.05 U	0.05 U	0.1 U
Nitrite-Nitrate Nitrogen	NS	mg/L	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	---	---
Sulfate	250	mg/l	7.5 U	170	[260]	230	190	[260]	240	240
Total Sulfides	NS	mg/l	0.2 U	0.2 U	0.2 U	0.2 U	0.2	0.60 J	0.8 U	0.8 U
Total Organic Carbon, Filter	NS	mg/L	1 U	1	4	1 U	1 U	3.6	8.8	8.4
pH	NS	STD u	7.4	---	---	---	---	---	---	---

NOTES:

U - not detected, J - estimated, D - Diluted Result, B - analyte was detected in the associated method blank, R - unusable, NS - no standard, Dup - duplicate sample, --- Not Analyzed
 H - Sample analyzed beyond the specified holding time
 [] - Exceeds NYS Class GA Ground Water Quality Standard
 Data have note been validated



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

Chemical Name	Class GA GW Stds (mg/l)	Location ID Depth Interval Sample Date Sample ID	MW-01D - 10/29/2007 MW-1D-102907	MW-01D - 11/18/2008 MW-1D-111808	MW-01D - 10/19/2009 MW-1D-10192009	MW-01D - 5/18/2010 W-1D-0518100518201	MW-01D - 1/19/2011 MW-1D-01192011	MW-01D - 4/18/2011 MW-1D-041811	MW-01D - 7/26/2011 MW-1D072611	MW-01D - 10/25/2011 MW1D102511	MW-01D - 3/20/2012 MW1D032012
		units	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l
Alkalinity (As Caco3)	NS	mg/L	330	310	394 D,B	366 B	348	251 B	374 B	336	---
Chloride	250	mg/L	240	[250]	[371] D,B	[398]	[357]	[284]	[366]	[270]	[374] B
Nitrate (as N)	10	mg/L	0.1	0.1 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
Nitrite (as N)	1	mg/l	0.1	0.1 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
Nitrite-Nitrate Nitrogen	NS	mg/L	---	---	---	---	---	---	---	---	---
Sulfate	250	mg/l	230	210	211 D	193	196 B	199	[258]	232	---
Total Sulfides	NS	mg/l	1	1 U	0	0.002 U	0.1 U	0.12	0.1 U	0.13	0.1 U
Total Organic Carbon, Filter	NS	mg/L	3.8	3.7	2	4.1	1 U	3	3.7	3.4	0.89
pH	NS	STD u	---	---	---	---	---	---	---	---	---

NOTES:

U - not detected, J - estimated, D - Diluted Result, B - analyte was detected in the associated method blank, R - unusable, NS - no standard, Dup - duplicate sample, --- Not Analyzed
 H - Sample analyzed beyond the specified holding time
 [] - Exceeds NYS Class GA Ground Water Quality Standard
 Data have note been validated

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

Chemical Name	Class GA GW Stds (mg/l)	Location ID Depth Interval Sample Date Sample ID	MW-1D - 8/7/2012 MW1D080712	X-1 - 8/7/2012 MW1D080712	MW-1D - 12/18/2012 MW-1D-121812	MW-1D - 5/21/2013 MW-1D-052113	MW-1D - 8/19/2013 MW-1D-081913	MW-1D - 12/19/2013 MW-1D-121913	MW-1D - 3/25/2014 MW-1D-032514	MW-1D - 9/23/2014 MW1D092314	MW-1D - 4/11/2017 MW1D041117
		units	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l
Alkalinity (As Caco3)	NS	mg/L	356	341	337	424	387 B	365	377	417 B	299
Chloride	250	mg/L	[265]	[265]	[298] B	[379 B]	[344 B]	288 B	[265]	[236]	[252]
Nitrate (as N)	10	mg/L	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.02 J	0.05
Nitrite (as N)	1	mg/l	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05
Nitrite-Nitrate Nitrogen	NS	mg/L	---	---	---	---	---	---	---	---	---
Sulfate	250	mg/l	192	199	209	228	228	199	202	207	132
Total Sulfides	NS	mg/l	0.16	0.13	0.13	0.1 U	0.058 J	0.1	0.15	0.24	0.63 F1
Total Organic Carbon, Filter	NS	mg/L	1.5	1.3	2.8	5.2	3.5	3.8	5.4	3.3	2.4
pH	NS	STD u	---	---	---	---	---	---	---	---	---

NOTES:

U - not detected, J - estimated, D - Diluted Result, B - analyte was detected in the associated method blank, R - unusable, NS - no standard, Dup - duplicate sample, --- Not Analyzed
H - Sample analyzed beyond the specified holding time
[] - Exceeds NYS Class GA Ground Water Quality Standard
Data have note been validated



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

Chemical Name	Class GA GW Stds (mg/l)	Location ID Depth Interval Sample Date Sample ID units	MW-1D	X-1	MW-1D	MW-1D	MW-1D	MW-01D	MW-01D
			9/12/2017 MW1D091217 mg/l	9/12/2017 MW1D091217 mg/l	9/19/2018 MW1D091918 mg/l	3/18/2019 MW1D031819 mg/l	9/25/2019 MW1D 09252019 mg/L	3/17/2020 MW 1D 031720 mg/L	9/22/2020 MW 1D 092220 mg/L
Alkalinity (As Caco3)	NS	mg/L	311 B	320 B	298 B	294 B	341	368 B	360
Chloride	250	mg/L	[302]	184	[253]	298	[426]	[429]	[250]
Nitrate (as N)	10	mg/L	0.05 U	0.05 U	0.050 U	0.05 UH	0.020 J	0.050 UH	0.050 UH
Nitrite (as N)	1	mg/l	0.05 U	0.05 U	0.050 U	0.05 UH	0.050 U	0.050 UH	0.050 UH
Nitrite-Nitrate Nitrogen	NS	mg/L	---	---	---	---	---	---	---
Sulfate	250	mg/l	185	[269]	172	173	203	199	168
Total Sulfides	NS	mg/l	0.28	0.53 H	0.060 JH	0.06 JH	1.0 U	1.0 U	1.0 U
Total Organic Carbon, Filter	NS	mg/L	3.4 B	4.2 B	2.7 B	2.8 B	3.6	3.8	4.2
pH	NS	STD u	---	---	---	---	---	---	---

NOTES:

U - not detected, J - estimated, D - Diluted Result, B - analyte was detected in the associated method blank, R - unusable,
 NS - no standard, Dup - duplicate sample, --- Not Analyzed
 H - Sample analyzed beyond the specified holding time
 [] - Exceeds NYS Class GA Ground Water Quality Standard
 Data have note been validated



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

Chemical Name	Class GA GW Stds (mg/l)	Location ID Depth Interval Sample Date Sample ID units	MW-04S	MW-04S	MW-04S	MW-04S	MW-04S	MW-04S	MW-04S
			MW-04S_WG_021700	MW-04S_WG_081501	MW-04S_WG_112901	MW-04S_WG_022802	MW-04S_WG_051402	MW-04S_WG_111704	MW-4S_11162005
Alkalinity (As Caco3)	NS	mg/L	350	330	370	360	370	350	350
Chloride	250	mg/L	150	130	230	200	200	190	160
Nitrate (as N)	10	mg/L	0.05 U	0.05 U	0.15	0.05 U	0.05 U	0.061	0.05 U
Nitrite (as N)	1	mg/l	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.018 J	0.05 U
Nitrite-Nitrate Nitrogen	NS	mg/L	0.05 U	0.05 U	0.15	0.05 U	0.05 U	0.079	---
Sulfate	250	mg/l	7.5 U	[300]	[790]	[740]	[700]	[370]	[500] E
Total Sulfides	NS	mg/l	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.40 J	0.60 J
Total Organic Carbon, Filter	NS	mg/L	5	2	4	1 U	3	17	12
pH	NS	STD u	7.9	---	---	---	---	---	---

NOTES:

U - not detected, J - estimated, D - Diluted Result, B - analyte was detected in the associated method blank, R - unusable, NS - no standard, Dup - duplicate sample, --- Not Analyzed
 H - Sample analyzed beyond the specified holding time
 [] - Exceeds NYS Class GA Ground Water Quality Standard
 Data have note been validated



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

Chemical Name	Class GA GW Stds (mg/l)	Location ID Depth Interval Sample Date Sample ID	MW-04S - 11/16/2006 MW-4S_11162006	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	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
		units	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l
Alkalinity (As Caco3)	NS	mg/L	370	370	370	402 D,B	428 B	422	399	396 B	386
Chloride	250	mg/L	140	110	77	121 D	76.3	78.5	27	71.6	127
Nitrate (as N)	10	mg/L	0.1 U	0.1	0.18 J	0.05 U	0.026 J	0.05 U	0.11	0.049 J	0.05 U
Nitrite (as N)	1	mg/l	0.1 U	0.1	0.2 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
Nitrite-Nitrate Nitrogen	NS	mg/L	---	---	---	---	---	---	---	---	---
Sulfate	250	mg/l	[640]	[780]	[1300]	[547] D	[589] B	[777] B	[1300]	[1090]	[626]
Total Sulfides	NS	mg/l	1.2	2.3	1 U	0	0.002 U	0.1 U	0.1 U	0.1 U	0.1 U
Total Organic Carbon, Filtered	NS	mg/L	30	3.7	43	3.9	1 U	2.5	5	1 U	1.5
pH	NS	STD u	---	---	---	---	---	---	---	---	---

NOTES:

U - not detected,
H - Sample analyzed beyond the specified holding time
[] - Exceeds NYS
Data have note been

NOTES:

U - not detected, J - estimated, D - Diluted Result, B - analyte was detected in the associated method blank, R - unusable, NS - no standard, Dup - duplicate sample, --- Not Analyzed
H - Sample analyzed beyond the specified holding time
[] - Exceeds NYS Class GA Ground Water Quality Standard
Data have note been validated



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

Chemical Name	Class GA GW Stds (mg/l)	Location ID Depth Interval Sample Date Sample ID units	MW-04S	MW-4S	MW-4S	MW-4S	MW-4S	MW-4S	MW-4S	MW-4S
			mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l
Alkalinity (As Caco3)	NS	mg/L	---	425	395 B	440	390	380	401 B	421 B
Chloride	250	mg/L	53.9	93.5	67.6 B	82 B	98.7	66.9 B	65.4	70.7
Nitrate (as N)	10	mg/L	0.083	0.05 U	0.1	0.048 J	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	0.05 U	0.05 U	0.05 U	0.05 U	0.043 JB
Nitrite-Nitrate Nitrogen	NS	mg/L	---	---	---	---	---	---	---	---
Sulfate	250	mg/l	---	[773]	856	[788]	[473]	[598]	[427]	[840]
Total Sulfides	NS	mg/l	0.1 U	0.1 U	0.1 U	0.1 U	0.07 J	0.1 U	0.092 J	0.072 J
Total Organic Carbon, Filtered	NS	mg/L	3.1	1.8	2.1	11.6	3.7	3.2	5.2	3.4
pH	NS	STD u	---	---	---	---	---	---	---	---

NOTES: NOTES:
 U - not detected, U - not detected, J - estimated, D - Diluted Result, B - analyte was detected in the associated method blank, R - unusable, NS - no standard, Dup - duplicate sample, --- Not Analyzed
 H - Sample analyzed beyond the specified holding time
 [] - Exceeds NYS [] - Exceeds NYS Class GA Ground Water Quality Standard
 Data have note been validated



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

Chemical Name	Class GA GW Stds (mg/l)	Location ID Depth Interval Sample Date Sample ID units	MW-4S	MW-4S	MW-4S	MW-4S	MW-4S	MW-4S	MW-04S	MW-04S
			- 9/23/2014 MW-4S-092414 mg/l	- 4/13/2017 MW-4S-041317 mg/l	- 9/14/2017 MW-4S-091417 mg/l	- 9/14/2017 MW-4S-091417 mg/l	- 3/20/2019 MW-4S-032019 mg/l	- 9/25/2019 MW-4S-092519 mg/L	- 3/19/2020 MW 4S 031920 mg/L	- 9/22/2020 MW 4S 092220 mg/L
Alkalinity (As Caco3)	NS	mg/L	---	411 B	442 B	394 B	394 B	494	469 B	Not Sampled
Chloride	250	mg/L	---	42.1	92.2	59.8	59.8	80.0	14.6	
Nitrate (as N)	10	mg/L	---	0.06	0.034 J	0.05 U	0.05 U	0.089	0.23	
Nitrite (as N)	1	mg/l	---	0.05	0.05 U	0.05 U	0.05 U	0.051 B	0.022 J	
Nitrite-Nitrate Nitrogen	NS	mg/L	---	---	---	---	---	---	---	
Sulfate	250	mg/l	---	[504]	[459]	[862]	[862]	[875]	[1490]	
Total Sulfides	NS	mg/l	---	0.14	0.14	0.1 UH*	0.1 UH*	1.0 U	1.0 U	
Total Organic Carbon, Filtered	NS	mg/L	---	2.4	7.1 B	3.1	3.1	3.9	3.4	
pH	NS	STD u	---	---	---	---	---	---	---	

NOTES: NOTES:
 U - not detected, U - not detected, J - estimated, D - Diluted Result, B - analyte was detected in the associated method blank, R - unusable, NS - no standard, Dup - duplicate sample, --- Not Analyzed
 H - Sample analyzed beyond the specified holding time
 [] - Exceeds NYS [] - Exceeds NYS Class GA Ground Water Quality Standard
 Data have note been validated



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

Chemical Name	Class GA GW Stds (mg/l)	Location ID Depth Interval Sample Date Sample ID units	MW-04D	MW-04D	MW-04D	MW-04D	MW-04D	MW-04D	MW-04D	MW-04D
			-	-	-	-	-	-	-	-
			2/17/2000	8/15/2001	11/29/2001	2/28/2002	5/14/2002	11/17/2004	11/16/2005	11/15/2006
			MW-04D_WG_021700	MW-04D_WG_081501	MW-04D_WG_112901	MW-04D_WG_022802	MW-04D_WG_051402	MW-04D_WG_111704	MW-4D_11162005	MW-4D_11152006
			mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l
Alkalinity (As Caco3)	NS	mg/L	300	290	290	270	280	310	320	330
Chloride	250	mg/L	110	210	240	180	140	[250]	230	210
Nitrate (as N)	10	mg/L	0.05 U	0.05 U	0.05 U	0.05 U	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	0.05 U	0.05 U	0.010 J	0.05 U	0.1 U
Nitrite-Nitrate Nitrogen	NS	mg/L	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	---	---
Sulfate	250	mg/l	7.5 U	180	220	220	170	[360]	[370] E	[260]
Total Sulfides	NS	mg/l	0.2 U	0.4	0.2 U	0.2 U	0.2	0.8	1	0.8 U
Total Organic Carbon, Filter	NS	mg/L	6	7	5	6	2	3.2	3.7	30
pH	NS	STD u	7.4	---	---	---	---	---	---	---

NOTES:

U - not detected, J - estimated, D - Diluted Result, B - analyte was detected in the associated method blank, R - unusable, NS - no standard, Dup - duplicate sample, --- Not Analyzed
H - Sample analyzed beyond the specified holding time
[] - Exceeds NYS Class GA Ground Water Quality Standard
Data have note been validated

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

Chemical Name	Class GA GW Stds (mg/l)	Location ID Depth Interval Sample Date Sample ID	MW-04D	MW-04D	MW-04D	MW-04D	MW-04D	MW-04D	MW-04D	MW-04D	MW-04D
			-	-	-	-	-	-	-	-	-
			10/31/2007 MW 4-D-103107	11/19/2008 MW 4-D-111908	10/21/2009 MW-4D-10212009	05/19/2010 W-4D-0519100519201	01/20/2011 MW-4D-01202011	4/21/2011 MW-4D-042111	7/28/2011 MW-4D 072811	3/22/2012 MW4D032212	10/26/2011 MW4D102611
		units	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l
Alkalinity (As Caco3)	NS	mg/L	320	320	338 D,B	355 B	364	327	339 B	---	310
Chloride	250	mg/L	220	210	209 D	224	201	215	208	193 B	222
Nitrate (as N)	10	mg/L	0.1	0.1 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
Nitrite (as N)	1	mg/l	0.1	0.1 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
Nitrite-Nitrate Nitrogen	NS	mg/L	---	---	---	---	---	---	---	---	---
Sulfate	250	mg/l	[290]	240	[275] D	[258] B	216 B	[370]	[334]	---	[335]
Total Sulfides	NS	mg/l	1	1 U	0.3	0.223	0.093 J	0.1 U	0.44	0.056 J	0.49
Total Organic Carbon, Filter	NS	mg/L	4.6	3.5	4.4	3.2	2.7	3.9	1 U	4	3.3
pH	NS	STD u	---	---	---	---	---	---	---	---	---

NOTES:

U - not detected, J - estimated, D - Diluted Result, B - analyte was detected in the associated method blank, R - unusable, NS - no standard, Dup - duplicate sample, --- Not Analyzed
H - Sample analyzed beyond the specified holding time
[] - Exceeds NYS Class GA Ground Water Quality Standard
Data have note been validated

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

Chemical Name	Class GA GW Stds (mg/l)	Location ID Depth Interval Sample Date Sample ID units	MW-4D	MW-4D	MW-4D	MW-4D	MW-4D	MW-4D	MW-4D	MW-4D
			- 8/9/2012 MW4D080912 mg/l	- 12/20/2012 MW-4D-122012 mg/l	- 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	- 6/10/2014 MW-4D-061014 mg/l	- 9/25/2014 MW 4D 092514 mg/l
Alkalinity (As Caco3)	NS	mg/L	362	401 B	360	333	362	355 B	292	72.5 B
Chloride	250	mg/L	229	197 B	218 B	209	196 B	213	226	[283]
Nitrate (as N)	10	mg/L	0.05 U	0.05 U	0.05 U	0.05 U	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	0.05 U	0.05 U	0.05 U	0.05 U
Nitrite-Nitrate Nitrogen	NS	mg/L	---	---	---	---	---	---	---	---
Sulfate	250	mg/l	[297]	[271]	[323]	[329]	[242]	[346]	[328]	[297]
Total Sulfides	NS	mg/l	0.84	0.57	0.67	0.66	0.31	0.92	0.96	0.48
Total Organic Carbon, Filter	NS	mg/L	1.4	3.3	4.7	3.6	3.5	3.8	3.6	3.1
pH	NS	STD u	---	---	---	---	---	---	---	---

NOTES:

U - not detected, J - estimated, D - Diluted Result, B - analyte was detected in the associated method blank, R - unusable, NS - no standard, Dup - duplicate sample, --- Not Analyzed
H - Sample analyzed beyond the specified holding time
[] - Exceeds NYS Class GA Ground Water Quality Standard
Data have note been validated



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

Chemical Name	Class GA GW Stds (mg/l)	Location ID Depth Interval Sample Date Sample ID units	MW-4D	MW-4D	MW-4D	MW-4D	MW-4D	MW-04D	MW-04D
			-	-	-	-	-	-	-
			4/13/2017 MW 4D 041317	9/14/2017 MW 4D 091417	9/19/2018 MW 4D 091918	3/20/2019 MW 4D 032019	9/25/2019 MW-4D-092519	3/19/2020 MW 4D 031920	9/23/2020 MW 4D 092320
			mg/l	mg/l	mg/l	mg/l	mg/L	mg/L	mg/L
Alkalinity (As Caco3)	NS	mg/L	319 B	327 B	311 B	319 B	330	296 B	360 B
Chloride	250	mg/L	[253]	245	[254]	[251]	[267]	[286]	[287]
Nitrate (as N)	10	mg/L	0.05	0.05 U	0.050 U	0.05 U	0.022 J	0.032 J	0.05 U
Nitrite (as N)	1	mg/l	0.05	0.05 U	0.050 U	0.05 U	0.050 U	0.050 U	0.05 U
Nitrite-Nitrate Nitrogen	NS	mg/L	---	---	---	---	---	---	---
Sulfate	250	mg/l	[337] B	[299]	[293]	[276]	[263]	[260]	[301]
Total Sulfides	NS	mg/l	1.4	0.66	0.080 JH	0.38 HF1	1.0 U	0.8 J	0.8 J
Total Organic Carbon, Filter	NS	mg/L	2.5	3.6 B	2.7 B	2.8	5.3	3.6	3.4
pH	NS	STD u	---	---	---	---	---	---	---

NOTES:

U - not detected, J - estimated, D - Diluted Result, B - analyte was detected in the associated method blank, R - unusable,
 NS - no standard, Dup - duplicate sample, --- Not Analyzed
 H - Sample analyzed beyond the specified holding time
 [] - Exceeds NYS Class GA Ground Water Quality Standard
 Data have note been validated

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

Chemical Name	Class GA GW Stds (mg/l)	Location ID Depth Interval Sample Date Sample ID	MW-05S	MW-05S	MW-05S	MW-05S	MW-05S	MW-05S	MW-05S	MW-05S	MW-05S
			MW-05S_WG_021700	MW-05S_WG_081401	MW-05S_WG_112901	MW-05S_WG_022702	MW-05S_WG_051502	MW-05S_WG_111704	MW-5S_11152005	MW-5S_11142006	MW 5 S-103007
		units	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l
Alkalinity (As Caco3)	NS	mg/L	370	470	340	340	330	400	330	320	380
Chloride	250	mg/L	240	170	170	97	75	120	63	35	75
Nitrate (as N)	10	mg/L	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.14	0.1
Nitrite (as N)	1	mg/l	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.011 J	0.05 U	0.1 U	0.1
Nitrite-Nitrate Nitrogen	NS	mg/L	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.017 J	---	---	---
Sulfate	250	mg/l	7.5 U	[290]	[270]	[260]	200	[370]	[350]	[730]	[560]
Total Sulfides	NS	mg/l	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.60 J	0.8 U	0.8 U	1
Total Organic Carbon, Filtered	NS	mg/L	6	2 UJ	9	2	6	5.2	8.6	16	6.6
pH	NS	STD u	7.1	---	---	---	---	---	---	---	---

NOTES:

U - not detected, J - estimated, D - Diluted Result, B - analyte was detected in the associated 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 Depth Interval Sample Date Sample ID	MW-05S	MW-05S	MW-05S	MW-05S	MW-05S	MW-05S	MW-05S	MW-05S
			MW-05S_WG_111908	MW-5S-10212009	W-5S-0519100519201	MW-5S-01202011	MW-5S-042011	MW-5S 072811	MW5S102711	MW5S032212
	units		mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l
Alkalinity (As Caco3)	NS		---	391 D,B	364 B	314	190	466 B	264	---
Chloride	250		73	71.2 D	38.7	20.6	10.6	60.5	17	39.8 B
Nitrate (as N)	10		0.1 U	0.05 U	0.05 U	0.082	0.037 J	0.05 U	0.041 J	0.05 U
Nitrite (as N)	1		0.1 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
Nitrite-Nitrate Nitrogen	NS		---	---	---	---	---	---	---	---
Sulfate	250		220	[375] D	194 B	[364] B	179	[416]	227 B	---
Total Sulfides	NS		1 U	0	0.006	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
Total Organic Carbon, Filtered	NS		5.1	4.8	0.4 J	5	4.2	1 U	2.9	5.8
pH	NS		STD u	---	---	---	---	---	---	---

NOTES:

U - not detected, J - estimated, D - Diluted Result, B - analyte was detected in the associated method blank, R - unusable, NS - no standard, Dup - duplicate sample, --- Not Analyzed
 H - Sample analyzed beyond the specified holding time
 [] - Exceeds NYS Class GA Ground Water Quality Standard
 Data have note been validated



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

Chemical Name	Class GA GW Stds (mg/l)	Location ID Depth Interval Sample Date Sample ID units	MW-5S	MW-5S	MW-5S	MW-5S	MW-5S	MW-5S	MW-5S	MW-5S
			- 8/9/2012 MW5S080912 mg/l	- 12/19/2012 MW-5S-121912 mg/l	- 5/22/2013 MW-5S-052213 mg/l	- 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	- 9/25/2014 MW 5S 092514 mg/l
Alkalinity (As Caco3)	NS	mg/L	449	250 B	461	403	438	362 B	443	40.2 B
Chloride	250	mg/L	90.2	9	64.4 B	59.5	47.2 B	56.7	48.7	95.2
Nitrate (as N)	10	mg/L	0.067	0.076 H	0.05 U	0.05 U	0.032 J	0.05 U	0.05 U	0.05 U
Nitrite (as N)	1	mg/l	0.05 U	0.05 UH	0.05 U	0.05 U	0.05	0.04 JB	0.05 U	0.05 U
Nitrite-Nitrate Nitrogen	NS	mg/L	---	---	---	---	---	---	---	---
Sulfate	250	mg/l	223	198	189	159	223	[259]	[352]	[358]
Total Sulfides	NS	mg/l	0.1 U	0.1 U	0.1 U	0.14	0.1 U	0.1 U	0.1 U	0.12
Total Organic Carbon, Filtered	NS	mg/L	2.5	4.1	14.3	5.9	5.7	4.8	4.9	5.1
pH	NS	STD u	---	---	---	---	---	---	---	---

NOTES:

U - not detected, J - estimated, D - Diluted Result, B - analyte was detected in the associated method blank, R - unusable, NS - no standard, Dup - duplicate sample, --- Not Analyzed
H - Sample analyzed beyond the specified holding time
[] - Exceeds NYS Class GA Ground Water Quality Standard
Data have note been validated



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

Chemical Name	Class GA GW Stds (mg/l)	Location ID Depth Interval Sample Date Sample ID units	MW-5S	MW-5S	MW-5S	MW-5S	MW-05S	MW-05S	MW-05S
			MW 5S 041217 mg/l	MW 5S 091417 mg/l	MW 5S 092018 mg/l	MW 5S 032019 mg/l	MW-5S-092519 mg/L	MW 5S 031920 mg/L	MW 5S 092420 mg/L
Alkalinity (As Caco3)	NS	mg/L	228	442 B	214 B	298 B	339	201 B	278
Chloride	250	mg/L	8.3	12.2	11.8	49.1	13.8	9.8	14.5
Nitrate (as N)	10	mg/L	0.071	0.032 J	0.20	0.05 U	0.028 J	0.1	0.13
Nitrite (as N)	1	mg/l	0.05	0.05 U	0.050 U	0.05 U	0.050 U	0.026 J	0.027 J F1
Nitrite-Nitrate Nitrogen	NS	mg/L	---	---	---	---	---	---	---
Sulfate	250	mg/l	169	[326]	172 B	208	183	104	132
Total Sulfides	NS	mg/l	0.06 J	0.1	0.10 U	0.1 UH*	1.2	1.0 U	0.8 J
Total Organic Carbon, Filtered	NS	mg/L	2.7	4.5 B	5.2 B	2.7	6.3	3.3	18.8
pH	NS	STD u	---	---	---	---	---	---	---

NOTES:

U - not detected, J - estimated, D - Diluted Result, B - analyte was detected in the associated method blank, R - unusable,
 NS - no standard, Dup - duplicate sample, --- Not Analyze
 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)	units	Location ID	MW-05D	MW-05D	MW-05D	MW-05D	MW-05D	MW-05D	MW-05D	MW-05D
			Depth Interval	Sample Date	Sample ID	Sample ID	Sample ID	Sample ID	Sample ID	Sample ID	Sample ID
				MW-05D_WG_021700	MW-05D_WG_081401	MW-05D_WG_112901	MW-05D_WG_022702	MW-05D_WG_051502	MW-05D_WG_111704	MW-5D_11152005	MW-5D_11142006
				mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l
Alkalinity (As Caco3)	NS	mg/L		260	300	250	240	260	350	340	350
Chloride	250	mg/L		[440]	230	230	140	120	210	210	200
Nitrate (as N)	10	mg/L		0.05 U	0.05 U	0.05 U	0.05 U	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	0.05 U	0.05 U	0.010 J	0.05 U	0.1 U
Nitrite-Nitrate Nitrogen	NS	mg/L		0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	---	---
Sulfate	250	mg/l		7.5 U	230	[260]	220	180	[360]	[290]	[270]
Total Sulfides	NS	mg/l		0.2 U	0.2	0.2 U	0.2 U	0.2 U	0.60 J	0.8 U	0.8 U
Total Organic Carbon, Filtered	NS	mg/L		4	7	6	2	2	3.5	4	4.3
pH	NS	STD u		7.9	---	---	---	---	---	---	---

NOTES:

U - not detected, J - estimated, D - Diluted Result, B - analyte was detected in the associated 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 Depth Interval Sample Date Sample ID	MW-05D - 10/30/2007 MW 5 D-103007	MW-05D - 11/19/2008 MW 5 D-111908	MW-05D - 10/21/2009 MW-5D-10212009	MW-05D - 5/19/2010 MW-5D-051910	MW-05D - 1/20/2011 MW-5D_01202011	MW-05D - 4/20/2011 MW-5D-042011	MW-05D - 7/28/2011 MW-5D 072811	MW-05D - 10/27/2011 MW5D102711	MW-05D - 3/22/2012 MW5D032212
		units	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l
Alkalinity (As Caco3)	NS	mg/L	350	330	366 D,B	369 B	392	335	329 B	354	---
Chloride	250	mg/L	190	200	200 D,B	197	206	188	177	191	167 B
Nitrate (as N)	10	mg/L	0.1	0.1 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
Nitrite (as N)	1	mg/l	0.1	0.1 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
Nitrite-Nitrate Nitrogen	NS	mg/L	---	---	---	---	---	---	---	---	---
Sulfate	250	mg/l	[290]	[260]	[290] D	[262] B	[254] B	[263]	[278]	238	---
Total Sulfides	NS	mg/l	1	1 U	0.2	0.006	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
Total Organic Carbon, Filtered	NS	mg/L	4	4	4.3	0.4 J	3.9	4	1 U	1.6	3.8
pH	NS	STD u	---	---	---	---	---	---	---	---	---

NOTES:

U - not detected, J - estimated, D - Diluted Result, B - analyte was detected in the associated 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 Depth Interval Sample Date Sample ID	MW-5D - 8/9/2012 MW5D080912	MW-5D - 12/19/2012 MW-5D-121912	MW-05D - 5/22/2013 MW-5D_052213	MW-05D - 8/21/2013 MW-5D_082113	MW-05D - 12/19/2013 MW-5D-121913	MW-5D - 3/27/2014 MW-5D-032714	MW-5D - 6/10/2014 MW-5D-061014	MW-5D - 9/25/2014 MW 5D 092514
		units	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l
Alkalinity (As Caco3)	NS	mg/L	353	389 B	370	353	326	362 B	322	24.4 B
Chloride	250	mg/L	172	177	181 B	180	180 B	182	180	183
Nitrate (as N)	10	mg/L	0.05 U	0.05 U	0.05 U	0.05 U	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	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	206	200	211	212	193
Total Sulfides	NS	mg/l	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.071 J	0.1 U
Total Organic Carbon, Filtered	NS	mg/L	1.5	3.7	4.4	3.7	3.3	4.5	5.3	3.4
pH	NS	STD u	---	---	---	---	---	---	---	---

NOTES:

U - not detected, J - estimated, D - Diluted Result, B - analyte was detected in the associated method blank, R - unusable, NS - no standard, Dup - duplicate sample, --- Not Analyzed
H - Sample analyzed beyond the specified holding time
[] - Exceeds NYS Class GA Ground Water Quality Standard
Data have note been validated



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

Chemical Name	Class GA GW Stds (mg/l)	Location ID Depth Interval Sample Date Sample ID	MW-5D - 4/12/017 MW 5D 041217	MW-5D - 9/14/2017 MW 5D 091417	MW-5D - 9/19/2018 MW 5D 091918	MW-5D - 3/20/2019 MW 5D 032019	MW-5D - 9/25/2019 MW-5D-092519	MW-5D - 9/25/2019 X-1-092519	MW-05D - 3/19/2020 MW 5D 031920	MW-05D - 9/23/2020 MW 5D 092320
		units	mg/l	mg/l	mg/l	mg/l	mg/L	mg/L	mg/L	mg/L
Alkalinity (As Caco3)	NS	mg/L	322	327 B	316 B	333 B	329	344	317 B	380 B
Chloride	250	mg/L	217	193	191	188	187	187	195	191
Nitrate (as N)	10	mg/L	0.05	0.05 U	0.050 U	0.05 U	0.027 J	0.05 U	0.092	0.05 U H
Nitrite (as N)	1	mg/l	0.05	0.05 U	0.050 U	0.05 U	0.050 U	0.05 U	0.050 UF1	0.05 U H
Nitrite-Nitrate Nitrogen	NS	mg/L	---	---	---	---	---	---	---	---
Sulfate	250	mg/l	182	200	193	182	184	185	189	198
Total Sulfides	NS	mg/l	0.16	0.07 J	0.050 JH	0.1 UH*	1.0 U	1.0 U	1.0 U	1.0 U
Total Organic Carbon, Filtered	NS	mg/L	2.6	5.2 B	3.2	2.9	3.9	3.7	3.7	4.6
pH	NS	STD u	---	---	---	---	---	---	---	---

NOTES:

U - not detected, J - estimated, D - Diluted Result, B - analyte was detected in the associated method blank, R - unusable, NS - no standard, Dup - duplicate sample, --- Not Analyzed
H - Sample analyzed beyond the specified holding time
[] - Exceeds NYS Class GA Ground Water Quality Standard
Data have note been validated



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

Chemical Name	Class GA GW Stds (mg/l)	Location ID Depth Interval Sample Date Sample ID	MW-06S	MW-06S	MW-06S	MW-06S	MW-06S	MW-06S	MW-06S	MW-06S
			MW-06S_WG_021500	MW-06S_WG_081501	MW-06S_WG_112901	MW-06S_WG_022702	MW-06S_WG_051502	MW-06S_WG_111604	MW-6S_11152005	MW-6S_11132006
		units	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l
Alkalinity (As Caco3)	NS	mg/L	250	270	230	200	230	160	260	240
Chloride	250	mg/L	200	120	90	43	44	52	24	18
Nitrate (as N)	10	mg/L	0.05 U	0.05 U	0.05 U	0.05 U	0.07	0.05 U	0.05 U	0.1 U
Nitrite (as N)	1	mg/l	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.0074 J	0.05 U	0.1 U
Nitrite-Nitrate Nitrogen	NS	mg/L	0.05 U	0.05 U	0.05 U	0.05 U	0.07	0.05 U	---	---
Sulfate	250	mg/l	7.5 U	230	200	130	120	[330]	190	120
Total Sulfides	NS	mg/l	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.8	0.60 J	0.8 U
Total Organic Carbon, Filtere	NS	mg/L	5	7	8	6	2	5.8	14	28
pH	NS	STD u	7.4	---	---	---	---	---	---	---

NOTES:

U - not detected, J - estimated, D - Diluted Result, B - analyte was detected in the associated method blank, R - unusable, NS - no standard, Dup - duplicate sample, --- Not Analyzed
H - Sample analyzed beyond the specified holding time
[] - Exceeds NYS Class GA Ground Water Quality Standard
Data have note been validated



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

Chemical Name	Class GA GW Stds (mg/l)	Location ID Depth Interval Sample Date Sample ID units	MW-06S	MW-06S	MW-06S	MW-06S	MW-06S	MW-06S	MW-06S	MW-06S
			-	-	-	-	-	-	-	-
			10/31/2007 MW-6S-103107	11/19/2008 MW-6S-111908	10/21/2009 MW-6S-10212009	05/19/2010 W-6S-0519100519201	01/19/2011 MW-6S-01192011	4/20/2011 MW-6S-042011	7/26/2011 MW-6S072611	10/26/2011 MW6S102611
			mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l
Alkalinity (As Caco3)	NS	mg/L	200	280	269 D,B	263 B	224	179	247 B	286
Chloride	250	mg/L	44	37	21.3	21.6	19.3	12	17.9	24.6
Nitrate (as N)	10	mg/L	0.1	0.1 U	0.05 U	0.047 J	0.05 U	0.05 U	0.05 U	0.05 U
Nitrite (as N)	1	mg/l	0.1	0.1 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
Nitrite-Nitrate Nitrogen	NS	mg/L	---	---	---	---	---	---	---	---
Sulfate	250	mg/l	380 a	210	199 D	136 B	151 B	78.8	153 B	214
Total Sulfides	NS	mg/l	1	1 U	0	0.006	0.1	0.1 U	0.1 U	0.1 U
Total Organic Carbon, Filtere	NS	mg/L	6.5	12	5.4	1.4	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 associated method blank, R - unusable, NS - no standard, Dup - duplicate sample, --- Not Analyzed
 H - Sample analyzed beyond the specified holding time
 [] - Exceeds NYS Class GA Ground Water Quality Standard
 Data have note been validated



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

Chemical Name	Class GA GW Stds (mg/l)	Location ID Depth Interval Sample Date Sample ID units	MW-06S	MW-6S	MW-6S	MW-6S	MW-6S	MW-6S	MW-6S	MW-6S
			mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l
Alkalinity (As Caco3)	NS	mg/L	---	265	244 B	256	219	285	257	322 B
Chloride	250	mg/L	11.8	16	6.8	14.2 B	11.4	18.9 B	23.8	32.5
Nitrate (as N)	10	mg/L	0.05 U	0.05 U	0.05 U	0.05 U	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	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	78.1	168	162	54.4
Total Sulfides	NS	mg/l	0.1 U	0.1 U	0.1 U	0.1 U	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	5.5	5.8	4.8	5.3
pH	NS	STD u	---	---	---	---	---	---	---	---

NOTES:

U - not detected, J - estimated, D - Diluted Result, B - analyte was detected in the associated method blank, R - unusable, NS - no standard, Dup - duplicate sample, --- Not Analyzed
 H - Sample analyzed beyond the specified holding time
 [] - Exceeds NYS Class GA Ground Water Quality Standard
 Data have note been validated



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

Chemical Name	Class GA GW Stds (mg/l)	Location ID Depth Interval Sample Date Sample ID units	MW-6S	MW-6S	MW-6S	MW-6S	MW-6S	MW-06S	MW-06S	MW-06S
			- 9/23/2014 MW6S092314 mg/l	- 4/11/2017 MW6S041117 mg/l	- 9/14/2017 MW6S091417 mg/l	- 9/20/2018 MW6S092018 mg/l	- 3/20/219 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
Alkalinity (As Caco3)	NS	mg/L	405 B	320	379 B	386 B	296 B	378	388 B	433 B
Chloride	250	mg/L	30.9	32.3	39.8	43.6	28.5	39.4	38.3	40.8
Nitrate (as N)	10	mg/L	0.021 J	0.14	0.05 U	0.024 J	0.05 U	0.023 J	0.050 UH	0.05 U
Nitrite (as N)	1	mg/l	0.05 U	0.05	0.05 U	0.050 U	0.05 U	0.050 U	0.050 UH	0.05 U
Nitrite-Nitrate Nitrogen	NS	mg/L	---	---	---	---	---	---	---	---
Sulfate	250	mg/l	203	208	[287]	241 B	163	204	211	198
Total Sulfides	NS	mg/l	0.1 U	0.08 J	0.1 U	0.10 U	0.1 UH*	1.0 U	1.0 U	1.0 U
Total Organic Carbon, Filtere	NS	mg/L	4.9	3.9	6.3 B	3.9 B	4.9 B	4.4	5.8	5.8
pH	NS	STD u	---	---	---	---	---	---	---	---

NOTES:

U - not detected, J - estimated, D - Diluted Result, B - analyte was detected in the associated method blank, R - unusable, NS - no standard, Dup - duplicate sample, --- Not Analyzed
 H - Sample analyzed beyond the specified holding time
 [] - Exceeds NYS Class GA Ground Water Quality Standard
 Data have note been validated



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

Chemical Name	Class GA GW Stds (mg/l)	Location ID Depth Interval Sample Date Sample ID	MW-06D	MW-06D	MW-06D	MW-06D	MW-06D	MW-06D	MW-06D	MW-06D
			-	-	-	-	-	-	-	-
			2/15/2000	8/15/2001	11/29/2001	2/27/2002	5/15/2002	11/16/2004	11/15/2005	10/30/2007
			MW-06D_WG_021500	MW-06D_WG_081501	MW-06D_WG_112901	MW-06D_WG_022702	MW-06D_WG_051502	MW-06D_WG_111604	MW-6D_11152005	MW 6 D-103007
		units	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l
Alkalinity (As Caco3)	NS	mg/L	240	250	240	240	250	270	260	260
Chloride	250	mg/L	140	240	200	120	110	[340]	110	180
Nitrate (as N)	10	mg/L	0.05 U	0.05 U	0.05 U	0.05 U	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	0.05 U	0.05 U	0.05 U	0.05 U	0.1
Nitrite-Nitrate Nitrogen	NS	mg/L	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	---	---
Sulfate	250	mg/l	7.5 U	180	220	210	170	[330]	200	230
Total Sulfides	NS	mg/l	0.2 U	0.4	0.2 U	0.2 U	0.2 U	0.60 J	0.8 U	1
Total Organic Carbon, Filtere	NS	mg/L	5	6	6	3	3	3.7	5.3	4.5
pH	NS	STD u	8	---	---	---	---	---	---	---

NOTES:

U - not detected, J - estimated, D - Diluted Result, B - analyte was detected in the associated method blank, R - unusable, NS - no standard, Dup - duplicate sample, --- Not Analyzed
 H - Sample analyzed beyond the specified holding time
 [] - Exceeds NYS Class GA Ground Water Quality Standard
 Data have note been validated



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

Chemical Name	Class GA GW Stds (mg/l)	Location ID Depth Interval Sample Date Sample ID	MW-06D - 11/19/2008 MW 6 D-111908	MW-06D - 10/21/2009 MW-6D-10212009	MW-06D - 5/19/2010 W-6D-0519100519201	MW-06D - 1/19/2011 MW-6D-01192011	MW-06D - 4/20/2011 MW-6D-042011	MW-06D - 7/26/2011 MW-6D072611	MW-06D - 10/26/2011 MW6D102611	MW-06D - 3/20/2012 MW6D032012	X-1 - 3/20/2012 MW6D032012
		units	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l
Alkalinity (As Caco3)	NS	mg/L	250	232 D,B	358 B	257	220	263 B	295	---	---
Chloride	250	mg/L	120	72.4 D,B	38	34.1	28.9	37.4	97.2	35.3	35.9
Nitrate (as N)	10	mg/L	0.1 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 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	0.05 U	0.05 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	135	177 B	196	---	---
Total Sulfides	NS	mg/l	1 U	0	0.023	0.21	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
Total Organic Carbon, Filtere	NS	mg/L	14	5.3	1 U	1 U	0.81 J	5.3	4.3	1.7	1.1
pH	NS	STD u	---	---	---	---	---	---	---	---	---

NOTES:

U - not detected, J - estimated, D - Diluted Result, B - analyte was detected in the associated method blank, R - unusable, NS - no standard, Dup - duplicate sample, --- Not Analyzed
H - Sample analyzed beyond the specified holding time
[] - Exceeds NYS Class GA Ground Water Quality Standard
Data have note been validated



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

Chemical Name	Class GA GW Stds (mg/l)	Location ID Depth Interval Sample Date Sample ID units	MW-6D	MW-6D	MW-6D	X-1	MW-6D	MW-6D	MW-6D	MW-6D
			- 8/7/2012 MW6D080712 mg/l	- 12/19/2012 MW-6D-121912 mg/l	- 5/21/2013 MW-6D-052113 mg/l	- 5/21/2013 MW-6D-052113 mg/l	- 8/21/2013 MW-6D-082113 mg/l	- 12/18/2013 MW-6D-121813 mg/l	- 3/25/2014 MW-6D-032514 mg/l	- 6/10/2014 MW-6D-061014 mg/l
Alkalinity (As Caco3)	NS	mg/L	259	302 B	291	255	246	281	380	309
Chloride	250	mg/L	103	29	32.2 B	31.8B	27.8	30.4 B	189	199
Nitrate (as N)	10	mg/L	0.05 U	0.05 U	0.05 U	0.05U	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	0.05U	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	145	126	148	[262]	[313]
Total Sulfides	NS	mg/l	0.057 J	0.1 U	0.1 U	0.1U	0.1 U	0.1 U	0.1 U	0.19
Total Organic Carbon, Filtere	NS	mg/L	2	4.4	5.7	5.4	5.2	5	3.9	4.8
pH	NS	STD u	---	---	---	---	---	---	---	---

NOTES:

U - not detected, J - estimated, D - Diluted Result, B - analyte was detected in the associated method blank, R - unusable, NS - no standard, Dup - duplicate sample, --- Not Analyzed
H - Sample analyzed beyond the specified holding time
[] - Exceeds NYS Class GA Ground Water Quality Standard
Data have note been validated



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

Chemical Name	Class GA GW Stds (mg/l)	Location ID Depth Interval Sample Date Sample ID units	MW-6D	MW-6D	MW-6D	MW-6D	MW-6D	MW-06D	MW-06D	MW-06D
			- 9/23/2014 MW6D092314 mg/l	- 4/11/2017 MW6D041117 mg/l	- 9/12/2017 MW6D091217 mg/l	- 9/19/2018 MW6D091918 mg/l	- 3/20/2019 MW6D032019 mg/l	- 9/24/2019 MW-6D-092419 mg/L	- 3/17/2020 MW 6D 031720 mg/L	- 9/22/2020 MW 6D 092220 mg/L
Alkalinity (As Caco3)	NS	mg/L	435 B	339	329 B	332 B	311 B	296	315 B	356
Chloride	250	mg/L	221	201	180	205	172	182	179	245
Nitrate (as N)	10	mg/L	0.02 J	0.05	0.05 U	0.050 U	0.05 U	0.028 J	0.05 U	0.05 U H
Nitrite (as N)	1	mg/l	0.05 U	0.05	0.05 U	0.050 U	0.05 U	0.050 U	0.05 U	0.05 U H
Nitrite-Nitrate Nitrogen	NS	mg/L	---	---	---	---	---	---	---	---
Sulfate	250	mg/l	[340]	222	[265]	[297]	[265]	196	[270]	233
Total Sulfides	NS	mg/l	0.31	0.46	0.58	0.13 H	0.19 H	1.0 U	0.8 J	0.8 J
Total Organic Carbon, Filtere	NS	mg/L	3.7	3.1	4.5 B	3.9 B	3.7	4.2	4.4	4.2
pH	NS	STD u	---	---	---	---	---	---	---	---

NOTES:

U - not detected, J - estimated, D - Diluted Result, B - analyte was detected in the associated method blank, R - unusable, NS - no standard, Dup - duplicate sample, --- Not Analyzed
H - Sample analyzed beyond the specified holding time
[] - Exceeds NYS Class GA Ground Water Quality Standard
Data have note been validated

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

Chemical Name	Class GA GW STds (mg/l)	Location ID Depth Interval Sample Date Sample ID	MW-06DD	MW-06DD	MW-06DD	MW-06DD	MW-06DD	MW-06DD	MW-06DD	MW-06DD
			MW-6DD_11142005	MW-6DD_11152006	MW 6 DD-103007	MW 6 DD-111908	MW-6DD-10212009	N-6DD-051910051920	MW-6DD-01192011	MW-6DD-042011
	units		mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l
Alkalinity (As Caco3)	NS		310	320	320	310	322 D,B	358 B	306 B	273
Chloride	250		160	150	200	180	177 D	169	131 B	123
Nitrate (as N)	10		0.05 U	0.1 U	0.1	0.1 U	0.05 U	0.05 U	0.05 U	0.05 U
Nitrite (as N)	1		0.05 U	0.1 U	0.1	0.1 U	0.05 U	0.05 U	0.05 U	0.05 U
Nitrite-Nitrate Nitrogen	NS		---	---	---	---	---	---	---	---
Sulfate	250		[270]	[270]	[320]	[260]	[290] D	[257] B	235 B	196
Total Sulfides	NS		0.8 U	0.8 U	1	1 U	0.006	0.061	0.1	0.1 U
Total Organic Carbon, Filtered	NS		6.4	12	3.8	20	4.4	23.2	1 U	4.9
pH	NS	STD u	---	---	---	---	---	---	---	---

NOTES:

U - not detected, J - estimated, D - Diluted Result, B - analyte was detected in the associated method blank, R - unusable, NS - no standard, Dup - duplicate sample, --- Not Analyzed
H - Sample analyzed beyond the specified holding time
[] - Exceeds NYS Class GA Ground Water Quality Standard
Data have note been validated



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

Chemical Name	Class GA GW STds (mg/l)	Location ID Depth Interval Sample Date Sample ID	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	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	MW-6DD - 3/25/2014 MW-6DD-032514
		units	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l
Alkalinity (As Caco3)	NS	mg/l	317 B	313	---	349	390 B	324	311	358	290
Chloride	250	mg/l	145	160	126 B	155	123	159 B	147	123 B	124
Nitrate (as N)	10	mg/l	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.027 J
Nitrite (as N)	1	mg/l	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	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	232	237	230	218	209
Total Sulfides	NS	mg/l	0.1 U	0.1 U	0.1 U	0.06 J	0.1 U	0.065 J	0.063 J	0.061 J	0.1 U
Total Organic Carbon, Filtered	NS	mg/l	4.2	4	1.1	2	5.1	5.2	3.6	4.5	4.7
pH	NS	STD u	---	---	---	---	---	---	---	---	---

NOTES:

U - not detected, J - estimated, D - Diluted Result, B - analyte was detected in the associated method blank, R - unusable, NS - no standard, Dup - duplicate sample, --- Not Analyzed
 H - Sample analyzed beyond the specified holding time
 [] - Exceeds NYS Class GA Ground Water Quality Standard
 Data have note been validated



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

Chemical Name	Class GA GW STds (mg/l)	Location ID Depth Interval Sample Date Sample ID	MW-6DD - 6/10/2014 MW-6DD-061014	MW-6DD - 9/23/2014 MW6DD092314	MW-6DD - 4/11/2017 MW6DD041117	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	MW-06DD - 3/17/2020 MW 6DD 031720	MW-06DD - 9/22/2020 MW 6DD 092220
		units	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/L	mg/L	mg/L
Alkalinity (As Caco3)	NS	mg/l	286	391 B	208	300 B	291 B	248 B	292	277 B	322 B
Chloride	250	mg/l	199	[275]	66	240	[300]	169	[273]	172	[310]
Nitrate (as N)	10	mg/l	0.05 U	0.02 J	0.065	0.05 U	0.050 U	0.05 U	0.025 J	0.023 J	0.05 U
Nitrite (as N)	1	mg/l	0.05 U	0.05 U	0.05	0.05 U	0.050 U	0.05 U	0.050 U	0.05 U	0.05 U
Nitrite-Nitrate Nitrogen	NS	mg/l	---	---	---	---	---	---	---	---	---
Sulfate	250	mg/l	239	[301]	[692]	238	[278]	178	212	192	[252]
Total Sulfides	NS	mg/l	0.091 J	0.15	0.07 J	0.19	0.20 H	0.1 UH*	1.0 U	1.0 U	0.8 J
Total Organic Carbon, Filterec	NS	mg/l	5.4	3.3	4.5	4.3 B	3.0 B	3.3	3.7	4.1	6.6
pH	NS	STD u	---	---	---	---	---	---	---	---	---

NOTES:

U - not detected, J - estimated, D - Diluted Result, B - analyte was detected in the associated method blank, R - unusable, NS - no standard, Dup - duplicate sample, --- Not Analyzed
H - Sample analyzed beyond the specified holding time
[] - Exceeds NYS Class GA Ground Water Quality Standard
Data have note been validated

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

Chemical Name	Class GA GW STds (mg/l)	Location ID Depth Interval Sample Date Sample ID	MW-07S	MW-07S	MW-07S	MW-07S	MW-07S	MW-07S	MW-07S	MW-07S
			MW-07S_WG_021800	MW-07S_WG_081601	MW-07S_WG_112801	MW-07S_WG_022502	MW-07S_WG_051602	MW-07S_WG_111504	MW-7S_11162005	MW-7S_11152006
	units		mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l
Alkalinity (As Caco3)	NS		320	370	150	140	150	180	350	190
Chloride	250		9	13		9	7	53	25	38
Nitrate (as N)	10		0.05 U	0.05 U	0.11	0.14	0.1	0.16	0.2	0.17
Nitrite (as N)	1		0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.0068 J	0.05 U	0.1 U
Nitrite-Nitrate Nitrogen	NS		0.05 U	0.05 U	0.11	0.14	0.1	0.17	---	---
Sulfate	250		7.5 U	95	77	42	32	120	64	72
Total Sulfides	NS		0.2 U	0.2	0.2 U	0.2 U	0.2 U	0.8 U	0.40 J	0.8 U
Total Organic Carbon, Filtered	NS		2	2	6	1 U	2	10	11	21
pH	NS	STD u	7.3	---	---	---	---	---	---	---

NOTES:

U - not detected, J - estimated, D - Diluted Result, B - analyte was detected in the associated 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 Depth Interval Sample Date Sample ID units	MW-07S	MW-07S	MW-07S	MW-07S	MW-07S	MW-07S	MW-07S	MW-07S
			MW 7-S-103107	MW 7-S-112008	MW-7S-10202009	W-7S-0517100517201	MW 7-S-01182011	MW-7S-041911	MW-7S072711	MW7S102611
Alkalinity (As Caco3)	NS	mg/l	180	170	178 D,B	199 B	229	166 B	305 B	167
Chloride	250	mg/l	48	62	34.3	77.2	51	[259] B	77.5	48.2
Nitrate (as N)	10	mg/l	1.3	0.3	0.331	0.238	0.3	0.24	0.05 U	0.36
Nitrite (as N)	1	mg/l	0.1	0.1 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
Nitrite-Nitrate Nitrogen	NS	mg/l	---	---	---	---	---	---	---	---
Sulfate	250	mg/l	120	79	91.8 D	61.4	111 B	4.8 J^	125	116
Total Sulfides	NS	mg/l	1	1 U	0	0.002 U	0.1 U	0.1 U	0.1 U	0.1 U
Total Organic Carbon, Filtered	NS	mg/l	2.7	4.5	2.1	3.9	3.6	8.9	3.6	4
pH	NS	STD u	---	---	---	---	---	---	---	---

NOTES:

U - not detected, J - estimated, D - Diluted Result, B - analyte was detected in the associated 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 Depth Interval Sample Date Sample ID units	MW-07S	MW-7S	MW-7S	MW-7S	MW-7S	MW-7S	MW-7S	MW-7S
			MW7S032112	MW7S080812	MW-7S-121812	MW-7S-052313	MW-7S-082013	MW-7S-121713	MW-7S-032614	MW-7S-061114
			mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l
Alkalinity (As Caco3)	NS	mg/l	---	204	115	233	244 B	297	236	178
Chloride	250	mg/l	42.5 B	60.6	25.9 B	85	62.4 B	58.4 B	51.4	44.2
Nitrate (as N)	10	mg/l	0.24	0.48	0.45	0.19	0.33	0.086	0.64	0.41
Nitrite (as N)	1	mg/l	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.022 JB	0.043 JB
Nitrite-Nitrate Nitrogen	NS	mg/l	---	---	---	---	---	---	---	---
Sulfate	250	mg/l	---	104	64.1	105	108	100	69.1	71.5 B
Total Sulfides	NS	mg/l	0.1 U	0.1 U	0.1 U	0.1 U	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	2.3	4.2	6	2.3
pH	NS	STD u	---	---	---	---	---	---	---	---

NOTES:

U - not detected, J - estimated, D - Diluted Result, B - analyte was detected in the associated 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 Depth Interval Sample Date Sample ID units	MW-7S	MW-7S	MW-7S	MW-7S	MW-7S	MW-07S	MW-07S	MW-07S
			MW7S092414	MW7S041217	MW7S091317	MW7S091818	MW7S031919	MW-7S-092419	MW 7S 031820	MW 7S 092320
Alkalinity (As Caco3)	NS	mg/l	330	247	219 B	264 B	147 B	246	220	Not Sampled
Chloride	250	mg/l	61.5	56	35.2	58.3	42.8	55.1	58.6	
Nitrate (as N)	10	mg/l	0.43	1.7	0.67	1.2	0.63	0.69	0.62	
Nitrite (as N)	1	mg/l	0.034 JB	0.05	0.05 U	0.050 U	0.05 U	0.046 J B	0.05 U	
Nitrite-Nitrate Nitrogen	NS	mg/l	---	---	---	---	---	---	---	
Sulfate	250	mg/l	116	134	79.4	115	45.6	81.5	73.4	
Total Sulfides	NS	mg/l	0.1 U	0.06 J	0.1 U	0.10 UH	0.1 UH*	1.0 U	1.0 U	
Total Organic Carbon, Filtered	NS	mg/l	3.1	6	4 B	3.7 B	1.8 B	4.0	3.2	
pH	NS	STD u	---	---	---	---	---	---	---	

NOTES:

U - not detected, J - estimated, D - Diluted Result, B - analyte was detected in the associated 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)	units	Location ID	MW-07D	MW-07D	MW-07D	MW-07D	MW-07D	MW-07D	MW-07D	MW-07D
			Depth Interval	Sample Date	Sample ID	Sample ID	Sample ID	Sample ID	Sample ID	Sample ID	Sample ID
				MW-07D_WG_021800	MW-07D_WG_081601	MW-07D_WG_112801	MW-07D_WG_022502	MW-07D_WG_051602	MW-07D_WG_111504	MW-7D_11162005	MW-7D_11152006
			mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l
Alkalinity (As Caco3)	NS	mg/l	330	330	330	320	330	280	220	240	
Chloride	250	mg/l	180	180	180	120	120	97	34	41	
Nitrate (as N)	10	mg/l	0.05 U	0.05 U	0.05 U	0.05 U	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	0.05 U	0.05 U	0.05 U	0.05 U	0.1 U	
Nitrite-Nitrate Nitrogen	NS	mg/l	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	---	---	
Sulfate	250	mg/l	7.5 U	230	[310]	240	210	190	78	110	
Total Sulfides	NS	mg/l	0.2 U	0.6	0.2 U	0.2 U	0.2 U	0.40 J	0.8 U	0.8 U	
Total Organic Carbon, Filtered	NS	mg/l	6	8	5	3	1 U	5.2	3.4	33	
pH	NS	STD u	7.9	---	---	---	---	---	---	---	

NOTES:

U - not detected, J - estimated, D - Diluted Result, B - analyte was detected in the associated 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 Depth Interval Sample Date Sample ID units	MW-07D	MW-07D	MW-07D	MW-07D	MW-07D	MW-07D	MW-07D	MW-07D
			MW 7-D-103107	MW 7-D-112008	MW-7D-10202009	W-7D-0517100517201	MW-7D-01182011	MW-7D-041911	MW-7D072711	MW7D102511
			mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l
Alkalinity (As Caco3)	NS	mg/l	230	190	255 D,B	218 B	229 B	175 B	258 B	229
Chloride	250	mg/l	53	64	40.6	78	51.4	203 B	74	46.2
Nitrate (as N)	10	mg/l	0.14	0.11	0.055	0.083	0.05 U	0.13	0.05 U	0.3
Nitrite (as N)	1	mg/l	0.1	0.1 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
Nitrite-Nitrate Nitrogen	NS	mg/l	---	---	---	---	---	---	---	---
Sulfate	250	mg/l	140	86	84 D	72	109 B	70.9	153	79.1
Total Sulfides	NS	mg/l	1	1 U	0	0.003	0.1 U	0.1 U	0.1 U	0.1 U
Total Organic Carbon, Filtered	NS	mg/l	2.7	4.4	1.7	3.7	4.4	6.8	3.4	3.8
pH	NS	STD u	---	---	---	---	---	---	---	---

NOTES:

U - not detected, J - estimated, D - Diluted Result, B - analyte was detected in the associated method blank, R - unusable, NS - no standard, Dup - duplicate sample, --- Not Analyzed
H - Sample analyzed beyond the specified holding time
[] - Exceeds NYS Class GA Ground Water Quality Standard
Data have note been validated

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

Chemical Name	Class GA GW STds (mg/l)	Location ID Depth Interval Sample Date Sample ID units	MW-07D	MW-07D	MW-7D	MW-7D	MW-7D	MW-7D	MW-7D	MW-7D	MW-7D
			-	-	-	-	-	-	-	-	-
			10/25/2011	3/21/2012	8/8/2012	12/18/2012	5/23/2013	8/20/2013	12/17/2013	3/26/2014	6/11/2014
			X-1	MW7D032112	MW7D080812	MW-7D-121812	MW-7D-052313	MW-7D-082013	MW-7D-121713	MW-7D-032614	MW-7D-061114
			mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l
Alkalinity (As Caco3)	NS	mg/l	199	---	253	221	254	282 B	257	194	250 B
Chloride	250	mg/l	17.8	52.3 B	72.3	53.5 B	48.4	60.9 B	40.6 B	33.1	35.2
Nitrate (as N)	10	mg/l	0.21	0.05 U	0.086	0.43	0.05 U	0.05 U	0.05 U	0.64	0.49
Nitrite (as N)	1	mg/l	0.05 U	0.05 U	0.05 U	0.027 J	0.05 U	0.05 U	0.05 U	0.022 JB	0.042 JB
Nitrite-Nitrate Nitrogen	NS	mg/l	---	---	---	---	---	---	---	---	---
Sulfate	250	mg/l	74.5	---	102	87.4	75.7	83.9	69.4	35.6	57.5
Total Sulfides	NS	mg/l	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
Total Organic Carbon, Filterec	NS	mg/l	2.9	0.63	1.9	3.3	5.2	4	3.6	5	4.9
pH	NS	STD u	---	---	---	---	---	---	---	---	---

NOTES:
 U - not detected, J - estimated, D - Diluted Result, B - analyte was detected in the associated method blank, R - unusable, NS - no standard, Dup - duplicate sample, --- Not Analyzed
 H - Sample analyzed beyond the specified holding time
 [] - Exceeds NYS Class GA Ground Water Quality Standard
 Data have note been validated



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

Chemical Name	Class GA GW STds (mg/l)	Location ID Depth Interval Sample Date Sample ID units	MW-7D	MW-7D	MW-7D	MW-7D	MW-7D	MW-07D	MW-07D	MW-07D
			MW7D092414	MW7D041217	MW7D09132017	MW7D091818	MW7D031919	MW-7D-092419	MW 7D 031820	MW 7D 092420
			mg/l	mg/l	mg/l	mg/l	mg/l	mg/L	mg/L	mg/L
Alkalinity (As Caco3)	NS	mg/l	359 B	183	235 B	243 B	146 B	227	210	349
Chloride	250	mg/l	75.1	19.2	24.7	46.9	23.2	43.4	39.9	80.8
Nitrate (as N)	10	mg/l	0.027 J	0.61	0.57	0.42	0.61	0.50	0.44	0.09
Nitrite (as N)	1	mg/l	0.05 U	0.05	0.05 U	0.050 U	0.05 U	0.038 J B	0.042 JB	0.02 J
Nitrite-Nitrate Nitrogen	NS	mg/l	---	---	---	---	---	---	---	---
Sulfate	250	mg/l	145	58.8	60.6	105	32.6	65.3	50.7	105
Total Sulfides	NS	mg/l	0.1 U	0.07 J	0.1 U	0.10 UH	0.1 UH*	1.0 U	1.0 U	1.0 U
Total Organic Carbon, Filtered	NS	mg/l	4.2	2.9	4.1 B	3.4 B	3.1 B	3.9	4.9	6.3
pH	NS	STD u	---	---	---	---	---	---	---	---

NOTES:

U - not detected, J - estimated, D - Diluted Result, B - analyte was detected in the associated 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)	units	Location ID	MW-07DD	MW-07DD	MW-07DD	MW-07DD	MW-07DD	MW-07DD	MW-07DD	MW-07DD
			Depth Interval	Sample Date	Sample ID	Sample ID	Sample ID	Sample ID	Sample ID	Sample ID	Sample ID
				MW-07DD	MW-07DD	MW-07DD	MW-07DD	MW-07DD	MW-07DD	MW-07DD	MW-07DD
				11/16/2005	11/15/2006	10/31/2007	11/20/2008	10/20/2009	05/17/2010	01/18/2011	4/19/2011
				MW-7DD_11162005	MW-7DD(2)_11152006	MW 7-DD 2-103107	MW 7-DD 2-112008	MW-7DD-10202009	N-7DD-051710051720	MW-7DD-01182011	MW-7DD-041911
				mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l
Alkalinity (As Caco3)	NS	mg/l		300	310	270	200	350 D,B	314 B	224	205 B
Chloride	250	mg/l		99	130	83	82	122 D	151	100	[258] B
Nitrate (as N)	10	mg/l		0.05 U	0.1 U	0.1	0.37	0.05 U	0.017 J	0.05 U	0.29
Nitrite (as N)	1	mg/l		0.05 U	0.1 U	0.1	0.1 U	0.05 U	0.05 U	0.05 U	0.05 U
Nitrite-Nitrate Nitrogen	NS	mg/l		---	---	---	---	---	---	---	---
Sulfate	250	mg/l		[540] E	170	[390]	78	[331] D	[261]	[473] B	124
Total Sulfides	NS	mg/l		0.8	0.8 U	1	1 U	0.7 D	0.736	0.074 J	0.1 U
Total Organic Carbon, Filtered	NS	mg/l		3.6	23	3.7	3.7	3.2	5.4	5.3	8.6
pH	NS	STD u		---	---	---	---	---	---	---	---

NOTES:

U - not detected, J - estimated, D - Diluted Result, B - analyte was detected in the associated 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 Depth Interval 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	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	MW-7DD - 12/17/2013 MW-7DD-121713
		units	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l
Alkalinity (As Caco3)	NS	mg/l	326 B	262	---	360	232	263	314	304 B	310
Chloride	250	mg/l	158	78.1	76.4 B	142	128 B	118 B	90.3	94.3 B	114 B
Nitrate (as N)	10	mg/l	0.05 U	0.05 U	0.05 U	0.05 U	0.04 J	0.049 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	0.05 U	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]	[523]	[514]	[457]	[432]	[473]
Total Sulfides	NS	mg/l	0.1 U	0.1 U	0.1 U	1.9	0.88	0.95	0.5	2.5	0.26
Total Organic Carbon, Filtered	NS	mg/l	4.4	3.9	4.6	2.4	3.5	3.7	4.6	4.7	4.6
pH	NS	STD u	---	---	---	---	---	---	---	---	---

NOTES:

U - not detected, J - estimated, D - Diluted Result, B - analyte was detected in the associated 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 Depth Interval Sample Date Sample ID	MW-7DD MW-7DD-032614	MW-7DD-061114 MW-7DD-061115	MW-7DD MW7DD092414	MW-7DD MW7DD041217	MW-7DD MW7DD09132017	MW-7DD MW7DD091818	MW-7DD MW7DD031919	MW-7DD MW-7DD-092419	MW-07DD MW 7DD 031820	MW-07DD MW 7DD 092420
		units	mg/l	mg/L	mg/l	mg/l	mg/l	mg/l	mg/l	mg/L	mg/L	mg/L
Alkalinity (As Caco3)	NS	mg/l	309	314 B	359	207	240 B	295 B	199 B	228	215	284
Chloride	250	mg/l	107	56.8	61.6	35.1	42.2	93.4	45.9	29.3	29.1	54.7
Nitrate (as N)	10	mg/l	0.05 U	0.05 U	0.05 U	0.38	0.033 J	0.050 U	0.05 U	0.070	0.2	0.05 U
Nitrite (as N)	1	mg/l	0.05 U	0.05 U	0.05 U	0.05	0.05 U	0.050 U	0.05 U	0.050 B	0.045 JB	0.021 J
Nitrite-Nitrate Nitrogen	NS	mg/l	---	---	---	---	---	---	---	---	---	---
Sulfate	250	mg/l	[537]	[305]	[643]	75.1	[400]	[429]	[428]	413	85	397
Total Sulfides	NS	mg/l	0.26	0.19	0.1 U	0.34	0.09 J	0.090 JH	0.1 UH*	1.0 U	1.0 U	1.0 U
Total Organic Carbon, Filtered	NS	mg/l	5.9	4.9	4.3	2.8	5.4 B	5.3 B	3.8 B	8.9	4.2	4.9
pH	NS	STD u	---	---	---	---	---	---	---	---	---	---

NOTES:

U - not detected, J - estimated, D - Diluted Result, B - analyte was detected in the associated method blank, R - unusable, NS - no standard, Dup - duplicate sample, --- Not Analyzed
 H - Sample analyzed beyond the specified holding time
 [] - Exceeds NYS Class GA Ground Water Quality Standard
 Data have note been validated



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

Chemical Name	Class GA GW STds (mg/l)	Location ID Depth Interval Sample Date Sample ID	MW-08S	MW-08S	MW-08S	MW-08S	MW-08S	MW-08S	MW-08S	MW-08S
			MW-08S_WG_021800	MW-08S_WG_081601	MW-08S_WG_112801	MW-08S_WG_022502	MW-08S_WG_051602	MW-08S_WG_111604	MW-8S_11162005	MW-8S_11152006
	units		mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l
Alkalinity (As Caco3)	NS		240	190	190	190	190	190	170	190
Chloride	250		19	54	13	13	12	12	7.4	6.1
Nitrate (as N)	10		0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.074	0.2
Nitrite (as N)	1		0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.0072 J	0.05 U	0.1 U
Nitrite-Nitrate Nitrogen	NS		0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	---	---
Sulfate	250		7.5 U	100	110	92	61	130	74	65
Total Sulfides	NS		0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.40 J	0.60 J	0.8 U
Total Organic Carbon, Filtered	NS		2	4	4	2	1	3.4	3.9	30
pH	NS	STD u	7.4	---	---	---	---	---	---	---

NOTES:
 U - not detected, J - estimated, D - Diluted Result, B - analyte was detected in the associated method blank, R - unusable, NS - no standard, Dup Udupit at e t e p l e - e s N o t A n a l y z e d Diluted Result, B -
 H - Sample analyzed beyond the specified holding time
 [] - Exceeds NYS Class GA Ground Water Quality Standard
 Data have note been validated



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

Chemical Name	Class GA GW STds (mg/l)	Location ID Depth Interval Sample Date Sample ID	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	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	MW-08S 3/21/2012 MW8S032112	MW-8S 8/8/2012 MW8S080812
		units	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l
Alkalinity (As Caco3)	NS	mg/l	200	150	170 D,B	196 B	186 B	152 B	238 B	166	---	214
Chloride	250	mg/l	10	5.6	9.29	10.5	13.7	38.9 ^B	47.7	17.7	23.6	16.8
Nitrate (as N)	10	mg/l	0.82	0.45	0.058	0.745	0.05 U	0.15	0.026 J	0.21	0.05 U	0.05 U
Nitrite (as N)	1	mg/l	0.1	0.04 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
Nitrite-Nitrate Nitrogen	NS	mg/l	---	---	---	---	---	---	---	---	---	---
Sulfate	250	mg/l	120	65	61.2 D	43.5	108 B	41.6	152	78.4	---	120
Total Sulfides	NS	mg/l	1	1 U	0	0.002 U	0.1 U	0.1 U	0.1 U	0.063 J	0.1 U	0.1 U
Total Organic Carbon, Filtered	NS	mg/l	3.6	3.2	1.4	2.7	2.9	1.8	2.5	3	1.0 U	1.3
pH	NS	STD u	---	---	---	---	---	---	---	---	---	---

NOTES:
 - analyte was detected in the associated 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)	units	Location ID Depth Interval Sample Date Sample ID MW-8S-121812	MW-8S - 5/22/2013 MW-8S-052313	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	MW-8S - 6/11/2014 MW-8S-061114	MW-ID-060914 - 6/9/2014 MW-ID-060914	X-1-061014 - 6/10/2014 X-1-061014
Alkalinity (As Caco3)	NS	mg/l	139	278	245 B	228 B	213	147	312	374	239
Chloride	250	mg/l	8.1 B	25.5 B	13.2 B	13.5 B	11.4 B	10.3	6	[369]	[362]
Nitrate (as N)	10	mg/l	0.12	0.05 U	0.05 U	0.05 U	0.05 U	0.098	0.09	0.05 U	0.05 U
Nitrite (as N)	1	mg/l	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.022 JB	0.05 U	0.05 U	0.05 U
Nitrite-Nitrate Nitrogen	NS	mg/l	---	---	---	---	---	---	---	---	---
Sulfate	250	mg/l	73.8	123	90.9	95.6	76.4	38.6	42.8	[258]	241
Total Sulfides	NS	mg/l	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.098 J	0.079 J
Total Organic Carbon, Filterec	NS	mg/l	2.6	2.7	2.6	2.4	2.6	1.9	2.8	5.6	3
pH	NS	STD u	---	---	---	---	---	---	---	---	---

NOTES:

U - not detected, J - estimated, D - Diluted Result, B - analyte was detected in the associated method blank, R - unusable, NS - no standard, Dup - duplicate sample, --- Not Analyzed
 H - Sample analyzed beyond the specified holding time
 [] - Exceeds NYS Class GA Ground Water Quality Standard
 Data have note been validated



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

Chemical Name	Class GA GW STds (mg/l)	Location ID Depth Interval Sample Date Sample ID units	MW-8S	MW-8S	MW-8S	MW-8S	MW-8S	MW-08S	MW-08S	MW-08S
			MW8S092414	MW8S041217	MW8S091317	MW8S091818	MW8S031919	MW-8S-092419	MW-8S 031720	MW-8S 092420
			mg/l	mg/l	mg/l	mg/l	mg/l	mg/ L	mg/ L	mg/ L
Alkalinity (As Caco3)	NS	mg/l	256 B	170	205 B	201 B	130 B	232	204 B	264
Chloride	250	mg/l	11.4 B	5.4	6.5	13.4	6	6.4	8.9	22.1
Nitrate (as N)	10	mg/l	0.029 J	0.067	0.091	0.19	0.17	0.031 J	0.05 U	0.11
Nitrite (as N)	1	mg/l	0.05 U	0.05	0.05 U	0.050 U	0.05 U	0.050 U	0.049 JB	0.046 J
Nitrite-Nitrate Nitrogen	NS	mg/l	---	---	---	---	---	---	---	---
Sulfate	250	mg/l	81.5	60	61.7	97.8	35.3	55.1	63.8	95.2
Total Sulfides	NS	mg/l	0.1 U	0.06 J	0.1 U F1	0.10 UH	0.1 UH* F1 F2	1.0 U	1.0 U	1.0 U
Total Organic Carbon, Filtered	NS	mg/l	2.7	1.4	2.6 B	2.2 B	1.2 B	2.7	3.1	2.6
pH	NS	STD u	---	---	---	---	---	---	---	---

NOTES:

U - not detected, J - estimated, D - Diluted Result, B - analyte was detected in the associated 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 Depth Interval Sample Date Sample ID	MW-08D	MW-08D	MW-08D	MW-08D	MW-08D	MW-08D	MW-08D	MW-08D
			MW-08D_WG_021800	MW-08D_WG_081601	MW-08D_WG_112801	MW-08D_WG_022502	MW-08D_WG_051602	MW-08D_WG_111604	MW-8D_11162005	MW-8D_11152006
		units	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l
Alkalinity (As Caco3)	NS	mg/l	330	300	330	310	310	280	280	260
Chloride	250	mg/l	150	190	190	180	170	[530]	210	140
Nitrate (as N)	10	mg/l	0.05 U	0.05 U	0.05 U	0.05 U	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	0.05 U	0.05 U	0.0042 J	0.05 U	0.1 U
Nitrite-Nitrate Nitrogen	NS	mg/l	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	---	---
Sulfate	250	mg/l	7.5 U	240	[250]	[260]	240	[280]	[260] E	240
Total Sulfides	NS	mg/l	0.2 U	0.2	0.2 U	0.2 U	0.2 U	0.40 J	0.60 J	0.8 U
Total Organic Carbon, Filtered	NS	mg/l	1	7	2	3	4	3.7	3.9	34
pH	NS	STD u	7.2	---	---	---	---	---	---	---

NOTES:

U - not detected, J - estimated, D - Diluted Result, B - analyte was detected in the associated 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 Depth Interval Sample Date Sample ID units	MW-08D	MW-08D	MW-08D	MW-08D	MW-08D	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-10202009 mg/l	5/18/2010 W-8D-0518100518201 mg/l	1/19/2011 MW-8D-01192011 mg/l	4/19/2011 MW-8D-041911 mg/l	7/27/2011 MW-8D072711 mg/l	10/25/2011 MW8D102511 mg/l	3/21/2012 MW8D032112 mg/l
Alkalinity (As Caco3)	NS	mg/l	260	260	245 D,B	280 B	259 B	244 B	259 B	267	---
Chloride	250	mg/l	[270]	180	81 D,B	66.3	80.7	83.1	71.5	92	71 B
Nitrate (as N)	10	mg/l	0.1	0.1 U	0.05 U	0.087	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
Nitrite (as N)	1	mg/l	0.1	0.1 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
Nitrite-Nitrate Nitrogen	NS	mg/l	---	---	---	---	---	---	---	---	---
Sulfate	250	mg/l	[270]	[250]	166 D	149	153 B	146	157	144	---
Total Sulfides	NS	mg/l	1	1 U	0	0.002 U	0.089 J	0.15	0.15	0.24	0.24
Total Organic Carbon, Filtered	NS	mg/l	4.5	35	1.7	3.4	3.8	3.3	4.3	3.9	3.8
pH	NS	STD u	---	---	---	---	---	---	---	---	---

NOTES:
 U - not detected, J - estimated, D - Diluted Result, B - analyte was detected in the associated 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 Depth Interval Sample Date Sample ID units	MW-8D	MW-8D	MW-8D	MW-8D	MW-8D	MW-8D	X-1	MW-8D	MW-8D
			- 8/8/2012 MW8D080812	- 12/18/2012 MW-8D-121812	- 5/22/2013 MW-8D-052213	- 8/20/2013 MW-8D-082013	- 12/17/2013 MW-8D-121713	- 3/26/2014 MW-8D-032614	- 3/26/2014 MW-8D-032614	- 6/11/2014 MW-8D-061114	- 9/24/2014 MW8D092414
			mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l
Alkalinity (As Caco3)	NS	mg/l	270	203	269	253 B	234	266	281	337	387 B
Chloride	250	mg/l	80.3	72.9 B	66.5 B	60.4 B	56.1 B	62.4	59.3	143	234
Nitrate (as N)	10	mg/l	0.05 U	0.022 J	0.05 U	0.05 U	0.05 U	0.042 J	0.046 J	0.05 U	0.021 J
Nitrite (as N)	1	mg/l	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.022 JB	0.05 U	0.05 U
Nitrite-Nitrate Nitrogen	NS	mg/l	---	---	---	---	---	---	---	---	---
Sulfate	250	mg/l	128	132	131	130	108	131	132	243	[268]
Total Sulfides	NS	mg/l	0.17	0.22	0.1 U	0.19	0.23	0.15	0.11	0.18	0.1 U
Total Organic Carbon, Filtered	NS	mg/l	1.5	2.7	3.8	3.2	3.6	4.5	4.5	4.5	3.7
pH	NS	STD u	---	---	---	---	---	---	---	---	---

NOTES:
 U - not detected, J - estimated, D - Diluted Result, B - analyte was detected in the associated 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 Depth Interval Sample Date Sample ID units	X-1	MW-8D	MW-8D	MW-8D	MW-8D	MW-08D	MW-08D	MW-08D
			9/24/2014 MW8D092414	4/13/2017 MW8D041317	9/13/2017 MW8D091317	9/18/2018 MW8D091818	3/19/2019 MW8D031919	9/24/2019 MW-8D-092419	3/18/2020 MW 8 D 031720	9/23/2020 MW 8 D 092320
			mg/l	mg/l	mg/l	mg/l	mg/l	mg/L	mg/L	mg/L
Alkalinity (As Caco3)	NS	mg/l	387 B	323 B	292 B	292 B	264 B	306	288	328 B
Chloride	250	mg/l	230	132	369	[333]	101	[304]	93.6	[351]
Nitrate (as N)	10	mg/l	0.026 J	0.05	0.05 U H	0.050 UH	0.05 U	0.045 J	0.023 J	0.05 U
Nitrite (as N)	1	mg/l	0.05 U	0.05	0.05 U H	0.050 UH	0.05 U	0.050 U	0.05 U	0.05 U
Nitrite-Nitrate Nitrogen	NS	mg/l	---	---	---	---	---	---	---	---
Sulfate	250	mg/l	[265]	184 B	226	225 B	121	218	119	244
Total Sulfides	NS	mg/l	0.1 U	1	0.13	0.070 JHF1	0.38 H	1.0 U	0.8 J	1.0 U
Total Organic Carbon, Filtered	NS	mg/l	3.6	3.3	3.9 B	2.9 B	4 B	3.6	4.4	3.3
pH	NS	STD u	---	---	---	---	---	---	---	---

NOTES:

U - not detected, J - estimated, D - Diluted Result, B - analyte was detected in the associated method blank, R - unusable, NS - no standard, Dup - duplicate sample, --- Not Analyzed
H - Sample analyzed beyond the specified holding time
[] - Exceeds NYS Class GA Ground Water Quality Standard
Data have note been validated



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

Chemical Name	Class GA GW Stds (mg/l)	Location ID Depth Interval Sample Date Sample ID	MW-08DD	MW-08DD	MW-08DD	MW-08DD	MW-08DD	MW-08DD	MW-08DD	MW-08DD
			MW-8DD_11162005	MW-8DD_11152006	MW-8DD-110107	MW-08DD_WG_111808	MW-8DD-10202009	MW-8DD-051810051820	MW-8DD-01182011	MW-8DD-041911
		units	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l
Alkalinity (As CaCO ₃)	NS	mg/l	290	270	260	230	316 D,B	350 B	223 B	214 B
Chloride	250	mg/l	220	240	[250]	240	249 D,B	177	76.8	115 B
Nitrate (as N)	10	mg/l	0.05 U	0.1 U	0.1	0.1 U	0.05 U	0.05 U	0.05 U	0.05 U
Nitrite (as N)	1	mg/l	0.05 U	0.1 U	0.1	0.1 U	0.05 U	0.05 U	0.05 U	0.05 U
Nitrite-Nitrate Nitrogen	NS	mg/l	---	---	---	---	---	---	---	---
Sulfate	250	mg/l	[290] E	[310]	[660]	[650]	[1080] D	[1200]	178 B	[717]
Total Sulfides	NS	mg/l	0.8	0.8 U	1	1 U	0	0.093	0.1 U	0.1 U
Total Organic Carbon, Filtered	NS	mg/l	3.8	3.7	3	3.4	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 associated 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 Depth Interval Sample Date Sample ID units	MW-08DD	MW-08DD	MW-08DD	MW-8DD	MW-8DD	MW-8DD	MW-8DD	MW-8DD	MW-8DD
			- 7/27/2011 MW-8DD072711 mg/l	- 10/25/2011 MW8DD102511 mg/l	- 3/21/2012 MW8DD032112 mg/l	- 8/8/2012 MW8DD080812 mg/l	- 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-121713 mg/l	- 3/26/2014 MW-8DD-032614 mg/l
Alkalinity (As Caco3)	NS	mg/l	273 B	273	---	286	263	283	255 B	300	299
Chloride	250	mg/l	162	141	95.9 B	101	133 B	124 B	72.5 B	79.7 B	90.2
Nitrate (as N)	10	mg/l	0.05 U	0.05 U	0.05 U	0.05 U	0.042 J	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	0.05 U	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]	[1160]	[1130]	[320]	[1040]	[616]
Total Sulfides	NS	mg/l	0.1 U	0.1 U	0.1 U	0.063 J	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
Total Organic Carbon, Filtered	NS	mg/l	4.9	4.1	4.3	1.3	2.9	6.7	5.3	4.9	5.2
pH	NS	STD u	---	---	---	---	---	---	---	---	---

NOTES:
 U - not detected, J - estimated, D - Diluted Result, B - analyte was detected in the associated 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 Depth Interval Sample Date Sample ID units	MW-8DD	MW-8DD	MW-8DD	MW-8DD	MW-8DD	MW-8DD	MW-08DD	MW-08DD	MW-08DD
			- 6/11/2014 MW-8DD-061114	- 9/24/2014 MW8DD092414	- 4/13/2017 MW8DD041317	- 9/13/2017 MW8DD091317	- 9/18/2018 MW8DD091818	- 3/19/2019 MW8DD031919	- 9/24/2019 MW-8DD-092419	- 3/18/2020 MW 8DD 031720	- 9/23/2020 MW 8DD 092320
			mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/L	mg/L	mg/L
Alkalinity (As Caco3)	NS	mg/l	293	351 B	259 B	247 B	256 B	207 B	262	224	281 B
Chloride	250	mg/l	126	166	55.5	110	208	79.6	215	54.4	112
Nitrate (as N)	10	mg/l	0.05 U	0.05 U	0.05	0.05 U H	0.050 U	0.05 U	0.031 J	0.05 U	0.05 U
Nitrite (as N)	1	mg/l	0.05 U	0.05 U	0.05	0.05 U H	0.050 U	0.05 U	0.050 U	0.05 U	0.05 U
Nitrite-Nitrate Nitrogen	NS	mg/l	---	---	---	---	---	---	---	---	---
Sulfate	250	mg/l	[1010]	[1080]	138 B	[1050]	[1140]	131	236	112	[952]
Total Sulfides	NS	mg/l	0.1 U	0.1 U	1.9	1.8	0.060 JH	0.24 H	1.0 U	1.0 U	1.0 U
Total Organic Carbon, Filtered	NS	mg/l	4.3	3.4	2.6	4.1 B	3.2 B	4.1 B	3.5	3.9	5.2
pH	NS	STD u	---	---	---	---	---	---	---	---	---

NOTES:
 U - not detected, J - estimated, D - Diluted Result, B - analyte was detected in the associated 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 Depth Interval Sample Date Sample ID	MW-10S	MW-10S	MW-10S	MW-10S	MW-10S	MW-10S	MW-10S	MW-10S
			MW-10S_WG_021500	MW-10S_WG_081401	MW-10S_WG_112901	MW-10S_WG_022702	MW-10S_WG_051502	MW-10S_WG_111704	MW-10S_11142005	MW-10S_11142006
		units	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l
Alkalinity (As Caco3)	NS	mg/l	250	260	210	210	230	280	260	270
Chloride	250	mg/l	[370]	130	70	23	14	[270]	60	40
Nitrate (as N)	10	mg/l	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	1.1	0.1 U
Nitrite (as N)	1	mg/l	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.013 J	0.05 U	0.1 U
Nitrite-Nitrate Nitrogen	NS	mg/l	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	---	---
Sulfate	250	mg/l	7.5 U	150	170	93	57	[380]	180	160
Total Sulfides	NS	mg/l	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.60 J	0.8 U	0.8 U
Total Organic Carbon, Filtered	NS	mg/l	5	7	4	5	3	3.9	6	8.2
pH	NS	STD u	7.3	---	---	---	---	---	---	---

NOTES:

U - not detected, J - estimated, D - Diluted Result, B - analyte was detected in the associated 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 Depth Interval Sample Date Sample ID units	MW-10S	MW-10S	MW-10S	MW-10S	MW-10S	MW-10S	MW-10S	MW-10S	MW-10S
			- 10/30/2007 MW 10 S-103007	- 11/19/2008 MW 10 S-111908	- 10/22/2009 MW-10S-10222009	- 05/18/2010 W-10S-051810051820	- 1/20/2011 MW 10 S-01202011	- 4/20/2011 MW-10S-042011	- 7/26/2011 MW-10S072611	- 10/27/2011 MW10S102711	- 3/20/2012 MW10S032012
			mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l
Alkalinity (As Caco3)	NS	mg/l	280	330	318 D	244 B	238	146	279 B	386	---
Chloride	250	mg/l	[300]	130	75.4 D,B	12.3	22.2	7.8	46.5	171	11.1
Nitrate (as N)	10	mg/l	0.1	0.1 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
Nitrite (as N)	1	mg/l	0.1	0.1 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
Nitrite-Nitrate Nitrogen	NS	mg/l	---	---	---	---	---	---	---	---	---
Sulfate	250	mg/l	[330]	[290]	[270] D	27.5	117 B	5 U	214	[331]	---
Total Sulfides	NS	mg/l	1	1 U	0	0.055	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
Total Organic Carbon, Filtered	NS	mg/l	3.6	9.3	2.8	6.6	5.9	1.2	5.5	1.8	2.1
pH	NS	STD u	---	---	---	---	---	---	---	---	---

NOTES:
 U - not detected, J - estimated, D - Diluted Result, B - analyte was detected in the associated 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 Depth Interval Sample Date Sample ID units	MW-10S	MW-10S	MW-10S	MW-10S	MW-10S	MW-10S	MW-10S	MW-10S	MW-10S
			- 8/7/2012 MW10S080712 mg/l	- 12/19/2012 MW-10S-121912 mg/l	- 5/21/2013 MW-10S-052113 mg/l	- 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	- 9/23/2014 MW10S092314 mg/l	- 4/11/2017 MW10S041117 mg/l
Alkalinity (As Caco3)	NS	mg/l	331	294 B	280	259	308	276	275	394 B	192
Chloride	250	mg/l	113	10	21 B	31.5	128 B	125	360	205	115
Nitrate (as N)	10	mg/l	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.022 J	0.05
Nitrite (as N)	1	mg/l	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05
Nitrite-Nitrate Nitrogen	NS	mg/l	---	---	---	---	---	---	---	---	---
Sulfate	250	mg/l	[303]	87.5	113	131	216	152	239	[338]	91.9 B
Total Sulfides	NS	mg/l	0.1 U	0.074 J	0.1 U	0.1 U	0.064 J	0.1 U	0.08 J	0.1 U	0.13
Total Organic Carbon, Filtered	NS	mg/l	2.1	5.9	9.5	4.6	4.3	4.8	3.1	3.8	4.2
pH	NS	STD u	---	---	---	---	---	---	---	---	---

NOTES:
 U - not detected, J - estimated, D - Diluted Result, B - analyte was detected in the associated 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 Depth Interval Sample Date Sample ID units	MW-10S	MW-10S	X-1	MW-10S	MW-10S	MW-10S	MW-10S	MW-10S
			- 9/12/2017 MW10S091217 mg/l	- 9/12/2017 MW10S091217 mg/l	- 9/19/2018 MW10S091918 mg/l	- 3/20/2019 MW10S032019 mg/l	- 9/25/2019 MW-10S-092519 mg/L	- 3/17/2020 MW 10S 031720 mg/L	- 9/23/2020 MW 10S 092320 mg/L	- 9/23/2020 X-1 092320 mg/L
Alkalinity (As Caco3)	NS	mg/l	365 B	396 B	398 B	261 B	366	275 B	446 B	450 B
Chloride	250	mg/l	153	134	134	[375]	142	[357]	105	105
Nitrate (as N)	10	mg/l	0.05 U	0.050 U	0.050 U	0.05 U	0.022 J	0.05 U	0.05 U H	0.05 U
Nitrite (as N)	1	mg/l	0.05 U	0.050 U	0.050 U	0.05 U	0.050 U	0.05 U	0.05 U H	0.05 U
Nitrite-Nitrate Nitrogen	NS	mg/l	---	---	---	---	---	---	---	---
Sulfate	250	mg/l	[350]	[480]	[488]	[248]	[308]	232	[485]	[488]
Total Sulfides	NS	mg/l	0.08 J	0.10 UH	0.10 UH	0.1 UH*	1.0 U	1.0 U	1.0 U	1.0 U
Total Organic Carbon, Filtered	NS	mg/l	4.6 B	3.5 B	3.2 B	2.7	3.9	3.3	3.9	5.2
pH	NS	STD u	---	---	---	---	---	---	---	---

NOTES:

U - not detected, J - estimated, D - Diluted Result, B - analyte was detected in the associated 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	MW-01S	MW-01S	MW-01S
		Depth Interval	Sample Date	Sample ID	Sample ID	Sample ID	Sample ID	Sample ID	Sample ID
			2/14/2000	8/13/2001	11/26/2001	2/25/2002	5/13/2002	11/16/2004	11/15/2005
			MW-01S_WG_021400	MW-01S_WG_081301	MW-01S_WG_112601	MW-01S_WG_022502	MW-01S_WG_051302	MW-01S_WG_111604	MW-1S_11152005
			mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l
Ethane	NS		0.002 UJ	0.002 U	0.002 U	0.002 U	0.0013 U	0.0022 U	0.013 U
Ethylene	NS		0.002 UJ	0.002 U	0.002 U	0.002 U	0.0013 U	0.0022 U	0.013 U
Methane	NS		0.006	0.008 J	0.012 U	0.009	0.024	0.002 U	0.076
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	MW-01S	MW-01S	MW-01S
			11/14/2006 MW-1S-11142006 mg/l	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	1/19/2011 MW-1S-011911 mg/l	4/18/2011 MW-1S-041811 mg/l
Ethane	NS		0.0013 U	0.00053 U	0.00052 U	0.00052 U	0.00057 U	0.00057 U	0.00057 U
Ethylene	NS		0.0013 U	0.0005 U	0.00049 U	0.00049 U	0.00054 U	0.00054 U	0.00054 U
Methane	NS		0.018	0.00056 U	0.001	0.00054 J	0.00061 U	0.001	0.00044 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 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-01S	MW-01S	MW-01S	MW-01S	MW-01S	MW-01S
			- 7/26/2011 MW-1S-072611 mg/l	- 10/25/2011 MW-1S-102511 mg/l	- 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	0.00057 U	0.00057 U	0.00056 U
Ethylene	NS		0.00054 U	0.00054 U	0.00054 U	0.00054 U	0.00054 U	0.00053 U
Methane	NS		0.0013 B	0.00061 U	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 Met
[] - 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	MW-1S	MW-1S	X-1
			- 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	- 9/23/2014 MW1S092314 mg/L	- 4/11/2017 MW1S041117 mg/L	- 4/11/2017 MW1S041117 mg/L
Ethane	NS		0.0002 U	0.0002 U	0.0002 U	.0000062 J	0.2 U	0.000033 J	0.000023 J
Ethylene	NS		0.000023 J	0.0002 U	0.0002 U	.000017 J	0.000018 J	0.000016 J	0.000085 J
Methane	NS		0.0083	0.0052	0.0055	0.0039	0.000088 J	0.0096 B	0.0069 B
Hydrogen*	NS		0.76	0.5 J	0.67	1.2	1.3	---	---

NOTES:

U - not detected, J - estimated, D - Diluted Result, R - unusable, NS - no standard, Dup - duplicate sample, B - Analyte detected in the associated Method Blank
 [] - Exceeds NYS Class GA Ground Water Quality 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-1S	MW-1S	MW-1S	MW-1S	MW-01S	MW-01S
			9/12/2017 MW1S91217 mg/L	9/18/2018 MW1S091818 mg/L	3/18/2019 MW1S031819 mg/L	9/24/2019 MW1S092419 mg/l	3/17/2020 MW 1S 031720 mg/l	9/22/2020 MW 1S 092220 mg/l
Ethane	NS		0.0002 U	0.0002 U	0.0002 U	0.0000060 U	0.0000060 U	0.000075 U
Ethylene	NS		0.0002 U	0.0002 U	0.0002 U	0.000012 U	0.0002 U	0.00012 U
Methane	NS		0.00074	0.0024	0.00092	0.0062	0.0023	0.0029 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-01D	MW-01D	MW-01D	MW-01D	MW-01D	MW-01D	MW-01D
		Depth Interval	Sample Date	Sample ID	Sample ID	Sample ID	Sample ID	Sample ID	Sample ID
			2/14/2000	8/13/2001	11/26/2001	2/25/2002	5/13/2002	11/16/2004	11/15/2005
			MW-01D_WG_021400	MW-01D_WG_081301	MW-01D_WG_112601	MW-01D_WG_022502	MW-01D_WG_051302	MW-01D_WG_111604	MW-1D_11152005
			mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l
Ethane	NS		0.002 UJ	0.002 U	0.002 U	0.002 U	0.0013 U	0.0044 U	0.0013 U
Ethylene	NS		0.002 UJ	0.002 U	0.002 U	0.002 U	0.0013 U	0.0044 U	0.0013 U
Methane	NS		0.02	0.02	0.02	0.03	0.029	0.047	0.023
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-1D	MW-01D	MW-01D	MW-01D
		Depth Interval	Sample Date	Sample ID	Sample ID	Sample ID	Sample ID	Sample ID	Sample ID
			11/14/2006	10/29/2007	11/18/2008	10/19/2009	05/18/2010	1/19/2011	4/18/2011
			MW-1D_11142006	MW-1D-102907	MW-1D-111808	MW-1D-101909	MW-1D-051810	MW-1D-011911	MW-1D-041811
			mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l
Ethane	NS		0.0013 U	0.00053 U	0.00053 U	0.00053 U	0.00057 U	0.00057 U	0.00057 U
Ethylene	NS		0.0013 U	0.0005 U	0.0005 U	0.0005 U	0.00054 U	0.00054 U	0.00054 U
Methane	NS		0.049	0.014	0.011	0.0057	0.0045	0.013	0.0067
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 - 7/26/2011 MW-1D-072611 mg/l	MW-01D - 10/25/2011 MW-1D-102511 mg/l	MW-1D - 3/20/2012 MW-1D-032012 mg/l	MW-1D - 8/7/2012 MW-1D-080712 mg/l	X-1 - 8/7/2012 MW-1D-080712 mg/l	MW-1D - 12/18/2012 MW-1D-121812 mg/l	MW-1D - 5/21/2013 MW-1D-052113 mg/l
Ethane	NS		0.00057 U	0.00057 U	0.00057 U	0.00057 U	0.00057 U	0.00056 U	0.00054 U
Ethylene	NS		0.00054 U	0.00054 U	0.00054 U	0.00054 U	0.00054 U	0.00054 U	0.00051 U
Methane	NS		0.01 B	0.0055 B	0.012	0.0099	0.013	0.014	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-1D	MW-1D	MW-1D	MW-1D	MW-1D	MW-1D	MW-1D
			- 8/19/2013 MW-1D-081913 mg/l	- 12/19/2013 MW-1D-121913 mg/l	- 3/25/2014 MW-1D-032514 mg/l	- 6/9/2014 MW-1D-060914 mg/l	- 9/23/2014 MW1D092314 mg/L	- 4/11/2017 MW1D041117 mg/L	- 9/12/2017 MW1D091217 mg/L
Ethane	NS		.000073 J	0.000077 J	0.00011 J	0.00006 J	0.00012 J	0.000074 J	0.0001 J
Ethylene	NS		0.0002 U	0.000019 U	0.00025 J	0.0000077 J	0.00003 J	0.000015 J	0.0002 U
Methane	NS		0.044	0.033	0.032	0.045	0.025	0.012 B	0.024
Hydrogen*	NS		0.66	0.57 J	0.57 J	5.3	0.71	---	---

NOTES:

U - not detected, J - estimated, D - Diluted Result, R - unusable, NS - no standard, Dup - duplicate sample, B - Analyte detected in the associated Method Blank
 [] - Exceeds NYS Class GA Ground Water 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	X-1	MW-1D	MW-1D	MW-1D	MW-01D	MW-01D
		Depth Interval	Sample Date	Sample ID	Sample ID	Sample ID	Sample ID	Sample ID
			9/12/2017	9/18/2018	3/18/2019	9/25/2019	3/17/2020	9/22/2020
			MW1D091217	MW1D091818	MW1D031819	MW1D 09252019	MW 1D 031720	MW 1D 092220
			mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Ethane	NS		0.00014 J	0.00011 J	0.00011 J	0.00058 J	0.000057 J	0.000075 U
Ethylene	NS		0.000043 J	0.00014 J	0.0000.2 U	0.000012 U	0.0002 U	0.00012 U
Methane	NS		0.21	0.022	0.025	0.024	0.035	0.054
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	MW-04S	MW-04S
		Depth Interval	Sample Date	Sample ID	Sample ID	Sample ID	Sample ID	Sample ID	Sample ID
			2/17/2000	8/15/2001	11/29/2001	2/28/2002	5/14/2002	11/17/2004	11/16/2005
			MW-04S_WG_021700	MW-04S_WG_081501	MW-04S_WG_112901	MW-04S_WG_022802	MW-04S_WG_051402	MW-04S_WG_111704	MW-4S_11162005
			mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l
Ethane	NS		0.002 U	0.002 U	0.002 U	0.002 U	0.0013 U	0.0022 U	0.0013 U
Ethylene	NS		0.002 U	0.002 U	0.002 U	0.002 U	0.0013 U	0.0022 U	0.0013 U
Methane	NS		0.002	0.03	0.012 U	0.01	0.0058	0.031	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-04S	MW-04S	MW-04S	MW-04S	MW-04S	MW-04S
			- 11/16/2006 MW-4S_11162006 mg/l	- 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	- 1/20/2011 MW-4S-012011 mg/l
Ethane	NS		0.0013 U	0.00052 U	0.00051 U	0.00053 U	0.00057 U	0.00057 U
Ethylene	NS		0.0013 U	0.00049 U	0.00048 U	0.0005 U	0.00054 U	0.00054 U
Methane	NS		0.00071 U	0.0093	0.0088	0.017	0.012	0.016
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 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-04S	MW-04S	MW-04S	MW-4S	MW-4S	MW-4S
			- 4/21/2011 MW-4S-042111 mg/l	- 7/28/2011 MW-4S-072811 mg/l	- 10/27/2011 MW-4S-102711 mg/l	- 3/22/2012 MW-4S-032212 mg/l	- 8/9/2012 MW-4S-080912 mg/l	- 12/20/2012 MW-4S-122012 mg/l
Ethane	NS		0.00057 U	0.00057 U	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	0.00054 U	0.00053 U
Methane	NS		0.0034	0.009 B	0.0077 B	0.011	0.017	0.0081
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 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	MW-4S	MW-4S	MW-4S	MW-4S	MW-4S	MW-4S	MW-4S
		Depth Interval	Sample Date	Sample ID	Sample ID	Sample ID	Sample ID	Sample ID	Sample ID
			5/22/2013	8/22/2013	12/19/2013	3/27/2014	6/11/2014	9/23/2014	4/13/2017
			MW-4S-052213	MW-4S-082213	MW-4S-121913	MW-4S-032714	MW-4S-061114	MW-4S-092314	MW-4S-041317
			mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l
Ethane	NS		0.00056 U	0.00004 J	0.000022 J	0.00026 J	0.000049 J	---	0.000027 J
Ethylene	NS		0.00053 U	0.0002 U	0.000019 J	0.0002 U	0.0000096 J	---	0.0002 U
Methane	NS		0.028	0.1	0.038	0.056	0.037	---	0.03
Hydrogen*	NS		---	NS	NS	---	---	---	---

NOTES:
 U - not detected, J - estimated, D - Diluted Result, R - unusable, NS - no standard, Dup - duplicate sample, B - Analyte detected in the associated Method Blank
 [] - Exceeds NYS Class GA Ground Water 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	MW-04S	MW-04S
			- 9/14/2017 MW-4S-091417 mg/l	- 9/19/2018 MW-4S-091818 mg/l	- 3/20/219 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		0.00006 J		0.000018 J	0.000033 J	0.000006 U	
Ethylene	NS		0.0002 U	NOT SAMPLED	0.0002 U	0.000012 U	0.000024 J	NOT SAMPLED
Methane	NS		0.05		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 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	MW-4S	MW-04D	MW-04D	MW-04D	MW-04D	MW-04D	MW-04D
		Depth Interval	Sample Date	Sample ID	Sample ID	Sample ID	Sample ID	Sample ID	Sample ID
			9/14/2017	2/17/2000	8/15/2001	11/29/2001	2/28/2002	5/14/2002	11/17/2004
			MW-4S-091417	MW-04D_WG_021700	MW-04D_WG_081501	MW-04D_WG_112901	MW-04D_WG_022802	MW-04D_WG_051402	MW-04D_WG_111704
			mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l
Ethane	NS		0.00006 J	0.02 U	0.002 U	0.002 U	0.002 U	0.0013 U	0.0022 U
Ethylene	NS		0.0002 U	0.02 U	0.002 U	0.002 U	0.002 U	0.0013 U	0.0022 U
Methane	NS		0.05	0.06	0.02	0.012 U	0.04	0.041	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 - 11/16/2005 MW-4D_11162005 mg/l	MW-04D - 11/15/2006 MW-4D_11152006 mg/l	MW-04D - 10/31/2007 MW 4-D-103107 mg/l	MW-04D - 11/19/2008 MW 4-D-111908 mg/l	MW-4D - 10/21/2009 MW-4D-102109 mg/l	MW-04D - 05/19/2010 MW-4D-051910 mg/l	MW-04D - 1/20/2011 MW-4D-012011 mg/l
Ethane	NS		0.0013 U	0.0013 U	0.00053 U	0.00052 U	0.00053 U	0.00057 U	0.00057 U
Ethylene	NS		0.0013 U	0.0013 U	0.0005 U	0.00049 U	0.0005 U	0.00054 U	0.00054 U
Methane	NS		0.032	0.016	0.0097	0.029	0.0091	0.0094	0.0067
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 - 4/21/2011 MW-4D-042111 mg/l	MW-04D - 7/28/2011 MW-4D-072811 mg/l	MW-04D - 10/26/2011 MW-4D-102611 mg/l	MW-4D - 3/22/2012 MW-4D-032212 mg/l	MW-4D - 8/9/2012 MW-4D-080912 mg/l	MW-4D - 12/20/2012 MW-4D-122012 mg/l	MW-4D - 5/22/2013 MW-4D-052213 mg/l
Ethane	NS		0.00057 U	0.00057 U	0.00057 U	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	0.00054 U	0.00054 U	0.00053 U
Methane	NS		0.0084	0.0079 B	0.0049 B	0.02	0.0096	0.011	0.023
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-4D	MW-4D	MW-4D	MW-4D	MW-4D	MW-4D	MW-4D
		Depth Interval	Sample Date	Sample ID	Sample ID	Sample ID	Sample ID	Sample ID	Sample ID
			8/21/2013	12/19/2013	3/27/2014	6/10/2014	9/25/2014	4/13/2017	9/14/2017
			MW-4D-082113	MW-4D-121913	MW-4D-032714	MW-4D-061014	MW-4D-092514	MW-4D-041317	MW-4D-041217
			mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l
Ethane	NS		0.00022	0.00013 J	0.00029	0.00023	0.00023	0.0002 J	0.00018 J
Ethylene	NS		.00002 J	0.000019 J	0.00021 J	.0002 U	0.000030 J	0.000011 J	0.0002 U
Methane	NS		0.031	0.044	0.036	0.027	0.036	0.038	0.025
Hydrogen*	NS		0.77	0.59 J	0.64	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	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	- 9/23/2020 MW 4D 092320 mg/L
Ethane	NS		0.0002	0.0002	0.00018 J	0.00011 J	0.00057 J
Ethylene	NS		0.000041 J	0.0002	0.000012 U	0.000071 J	0.00012 U
Methane	NS		0.032	0.033	0.036	0.028	0.06
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	MW-05S	MW-05S	MW-05S
		Depth Interval	Sample Date	Sample ID	Sample ID	Sample ID	Sample ID	Sample ID	Sample ID
			2/17/2000	8/14/2001	11/29/2001	2/27/2002	5/15/2002	11/17/2004	11/15/2005
			MW-05S_WG_021700	MW-05S_WG_081401	MW-05S_WG_112901	MW-05S_WG_022702	MW-05S_WG_051502	MW-05S_WG_111704	MW-5S_11152005
			mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l
Ethane	NS		0.02 U	0.02 U	0.04 U	0.04 U	0.026 U	0.0044 U	0.0013 U
Ethylene	NS		0.02 U	0.01	0.04 U	0.04 U	0.03 U	0.0044 U	0.0013 U
Methane	NS		0.3	0.4	0.17	0.1	0.11	0.1	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-05S - 11/14/2006 MW-5S_11142006 mg/l	MW-05S - 10/30/2007 MW 5 S-103007 mg/l	MW-05S - 11/19/2008 MW 5 S-111908 mg/l	MW-05S - 10/21/2009 MW-5S-102109 mg/l	MW-05S - 05/19/2010 MW-5S-051910 mg/l	MW-05S - 1/20/2011 MW-5S-012011 mg/l	MW-05S - 4/20/2011 MW-5S-042011 mg/l
Ethane	NS		0.013 U	0.00032 J	0.052 U	0.00053 U	0.0011 U	0.00057 U	0.00057 U
Ethylene	NS		0.013 U	0.0005 U	0.0014	0.0005 U	0.0011 U	0.00054 U	0.00054 U
Methane	NS		0.12	0.019	0.48	0.016	0.087	0.071	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-05S	MW-05S	MW-5S	MW-5S	MW-5S	MW-5S	MW-5S
			- 7/28/2011 MW-5S-072811 mg/l	- 10/27/2011 MW-5S-102711 mg/l	- 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	- 8/21/2013 MW-5S-082113 mg/l
Ethane	NS		0.00057 U	0.00057 U	0.0087	0.0028 U	0.0028 U	0.057 U	0.0019
Ethylene	NS		0.00054 U	0.00054 U	0.0024	0.0027 U	0.0027 U	0.054 U	0.0056
Methane	NS		0.057 B	0.059 B	0.64	0.18	0.18	0.57	1.5
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-5S	MW-5S	MW-5S	MW-5S	MW-5S	MW-5S
			- 12/19/2013 MW-5S-121913 mg/l	- 3/27/2014 MW-5S-032714 mg/l	- 6/10/2014 MW-5S-061014 mg/l	- 9/25/2014 MW-5S-092514 mg/l	- 4/12/2017 MW-5S-041217 mg/l	- 9/14/2017 MW-5S-091417 mg/l
Ethane	NS		0.0032	0.0001 J	0.00034	0.0011	0.0000068 J	0.00036
Ethylene	NS		0.018	0.00027	0.0011	0.0021	0.0000071 J	0.000089 J
Methane	NS		2.3	0.037	0.16	0.032	0.000072 JB	0.038
Hydrogen*	NS		0.61	0.93	1.2	---	---	---

NOTES:
U - not detected, J - estimated, D - Diluted Result, R - unusable, NS - no standard, Dup - duplicate sample,
B - Analyte detected in the associated Method Blank
[] - Exceeds NYS Class GA Ground Water Quality 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-5S	MW-5S	MW-05S	MW-05S	MW-05S
			MW-5S-092018 mg/l	MW-5S-032019 mg/l	MW-5S-092519 mg/L	MW 5S 031920 mg/L	MW 5S 092420 mg/L
Ethane	NS		0.00020 U	0.000088 J	0.000028 J	0.0000081 J	0.000075 U
Ethylene	NS		0.000026 J	0.000043 J	0.000093 J	0.0002 U	0.00012 U
Methane	NS		0.0012	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 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	MW-05D	MW-05D	MW-05D
		Depth Interval	Sample Date	Sample ID	Sample ID	Sample ID	Sample ID	Sample ID	Sample ID
			2/17/2000	8/14/2001	11/29/2001	2/27/2002	5/15/2002	11/17/2004	11/15/2005
			MW-05D_WG_021700	MW-05D_WG_081401	MW-05D_WG_112901	MW-05D_WG_022702	MW-05D_WG_051502	MW-05D_WG_111704	MW-5D_11152005
			mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l
Ethane	NS		0.002 U	0.002 U	0.002 U	0.002 U	0.0013 U	0.0022 U	0.0013 U
Ethylene	NS		0.004	0.004	0.002 U	0.002 U	0.0017	0.0022 U	0.0013 U
Methane	NS		0.04	0.05	0.03	0.02	0.024	0.057	0.051
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 - 11/14/2006 MW-5D_11142006 mg/l	MW-05D - 10/30/2007 MW 5 D-103007 mg/l	MW-05D - 11/19/2008 MW 5 D-111908 mg/l	MW-5D - 10/21/2009 MW-5D-102109 mg/l	MW-05D - 5/19/2010 MW-5D-051910 mg/l	MW-05D - 1/20/2011 MW-5D-012011 mg/l	MW-05D - 4/20/2011 MW-5D-042011 mg/l
Ethane	NS		0.0013 U	0.00053 U	0.00052 U	0.00053 U	0.00057 U	0.00056 U	0.00057 U
Ethylene	NS		0.0013 U	0.0005 U	0.00049 U	0.0005 U	0.00054 U	0.00053 U	0.00054 U
Methane	NS		0.033	0.013	0.049	0.0083	0.012	0.013	0.0092
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-05D	MW-5D	MW-5D	MW-5D	MW-5D	MW-5D
			7/28/2011 MW-5D-072811 mg/l	10/27/2011 MW-5D-102711 mg/l	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	8/21/2013 MW-5D-082113 mg/l
Ethane	NS		0.00057 U	0.00057 U	0.00057 U	0.00057 U	0.00057 U	0.00057 U	0.000073 J
Ethylene	NS		0.00054 U	0.00054 U	0.00054 U	0.00054 U	0.00054 U	0.00054 U	0.000033 J
Methane	NS		0.011 B	0.015 B	0.024	0.012	0.014	0.038	0.052
Hydrogen*	NS		---	---	---	---	---	---	1.1

NOTES:
 U - not detected, J - estimated, D - Diluted Result, R - unusable, NS - no standard, Dup - duplicate sample, B - Analyte detected in the associated Method Blank
 [] - Exceeds NYS Class GA Ground Water 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	MW-5D	MW-5D
			- 12/19/2013 MW-5D-121913 mg/l	- 3/27/2014 MW-5D-032714 mg/l	- 6/10/2014 MW-5D-061014 mg/l	- 9/25/2014 MW-5D-092514 mg/l	- 4/12/2017 MW-5D-041217 mg/l	- 9/14/2017 MW-5D-091417 mg/l
Ethane	NS		0.000073 J	0.00085 J	0.000066 J	0.00069 J	0.000058 J	0.000067 J
Ethylene	NS		0.000023 J	0.0002 U	0.000021 J	0.00026 J	0.000015 J	0.0002 U
Methane	NS		0.059	0.059	0.055	0.062	0.048 B	0.048
Hydrogen*	NS		0.87	0.73	1.4	0.91	---	---

NOTES:
U - not detected, J - estimated, D - Diluted Result, R - unusable, NS - no standard, Dup - duplicate sample,
B - Analyte detected in the associated Method Blank
[] - Exceeds NYS Class GA Ground Water Quality 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-5D	MW-5D	MW-5D	MW-5D	MW-05D	MW-05D
			- 9/19/2018 MW-5D-091918 mg/l	- 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	- 9/23/2020 MW 5D 092320 mg/L
Ethane	NS		0.000075 J	0.000083 J	0.000062 J	0.000063 J	0.00006 J	0.000075 U
Ethylene	NS		0.000015 J	0.0002 U	0.000014 J	0.00021 J	0.0002 U	0.00012 U
Methane	NS		0.043	0.042	0.059	0.058	0.063	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
[] - Exceeds NYS Class GA Ground Water Quality 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	MW-06S	MW-06S	MW-06S	MW-06S	MW-06S	MW-06S	MW-06S
		Depth Interval	Sample Date	Sample ID	Sample ID	Sample ID	Sample ID	Sample ID	Sample ID
			2/15/2000	8/15/2001	11/29/2001	2/27/2002	5/15/2002	11/16/2004	11/15/2005
			MW-06S_WG_021500	MW-06S_WG_081501	MW-06S_WG_112901	MW-06S_WG_022702	MW-06S_WG_051502	MW-06S_WG_111604	MW-6S_11152005
			mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l
Ethane	NS		0.002 U	0.002 U	0.002 U	0.002 U	0.0013 U	0.0022 U	0.0013 U
Ethylene	NS		0.002 U	0.002 U	0.002 U	0.002 U	0.0013 U	0.0022 U	0.0013 U
Methane	NS		0.002	0.02	0.012 U	0.005	0.0015	0.041	0.013
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 - 11/13/2006 MW-6S_11132006 mg/l	MW-06S - 10/31/2007 MW-6S-103107 mg/l	MW-06S - 11/19/2008 MW-6S-111908 mg/l	MW-6S - 10/21/2009 MW-6S-102109 mg/l	MW-06S - 05/19/2010 MW-6S-051910 mg/l	MW-06S - 1/19/2011 MW-6S-011911 mg/l	MW-06S - 4/20/2011 MW-6S-042011 mg/l
Ethane	NS		0.0013 U	0.00052 U	0.00052 U	0.00053 U	0.00056 U	0.00057 U	0.00057 U
Ethylene	NS		0.0013 U	0.00049 U	0.00049 U	0.0005 U	0.00053 U	0.00054 U	0.00054 U
Methane	NS		0.0042	0.00086	0.0053	0.047	0.0017	0.0032	0.00039 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-06S	MW-06S	MW-6S	MW-6S	MW-6S	MW-6S	MW-6S
			- 7/26/2011 MW-6S-072611 mg/l	- 10/26/2011 MW-6S-102611 mg/l	- 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	- 8/21/2013 MW-6S-082113 mg/l
Ethane	NS		0.00057 U	0.00057 U	0.00057 U	0.00057 U	0.00057 U	0.00057 U	.000059 J
Ethylene	NS		0.00054 U	0.00054 U	0.00054 U	0.00054 U	0.00054 U	0.00054 U	.000023 J
Methane	NS		0.0012 B	0.015 B	0.0022	0.006	0.0016	0.015	0.014
Hydrogen*	NS		---	---	---	---	---	---	0.98

NOTES:
 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	MW-6S	MW-6S
			- 12/18/2013 MW-6S-121813 mg/l	- 3/25/2014 MW-6S-032514 mg/l	- 6/11/2014 MW-6S-061114 mg/l	- 9/23/2014 MW6S092314 mg/L	- 4/11/2017 MW6S041117 mg/L	- 9/14/2017 MW6S091417 mg/L
Ethane	NS		0.0001 J	0.00012 J	.0000081 J	0.000033 J	0.000088 J	0.000041 J
Ethylene	NS		.00005 J	0.00038	.0000099 J	0.000067 J	0.00043	0.000061 J
Methane	NS		0.0094	0.07	0.0046	0.036	0.042	0.038
Hydrogen*	NS		0.64	0.85	2.4	---	---	---

NOTES:
U - not detected, J - estimated, D - Diluted Result, R - unusable, NS - no standard, Dup - duplicate sample,
B - Analyte detected in the associated Method Blank
[] - Exceeds NYS Class GA Ground Water Quality 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-6S	MW-6S	MW-06S	MW-06S	MW-06S
			MW6S092018 mg/L	MW6S032019 mg/L	MW-6S-092519 mg/L	MW 6S 031720 mg/L	MW 6S 092320 mg/L
Ethane	NS		0.00020 U	0.00032	0.000074 J	0.00053	0.000075 U
Ethylene	NS		0.000095 J	0.0028	0.000014 J	0.005	0.0014
Methane	NS		0.00096	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-06D	MW-06D	MW-06D	MW-06D	MW-06D	MW-06D	MW-06D
		Depth Interval	Sample Date	Sample ID	Sample ID	Sample ID	Sample ID	Sample ID	Sample ID
			2/15/2000	8/15/2001	11/29/2001	2/27/2002	5/15/2002	11/16/2004	11/15/2005
			MW-06D_WG_021500	MW-06D_WG_081501	MW-06D_WG_112901	MW-06D_WG_022702	MW-06D_WG_051502	MW-06D_WG_111604	MW-6D_11152005
			mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l
Ethane	NS		0.002 U	0.002 U	0.002 U	0.002 U	0.0013 U	0.0022 U	0.0013 U
Ethylene	NS		0.002 U	0.001 J	0.002 U	0.002 U	0.0013 U	0.0022 U	0.0015
Methane	NS		0.05	0.03	0.05	0.04	0.027	0.029	0.065
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-06D - 11/13/2006 MW-6D_11132006 mg/l	MW-06D - 10/30/2007 MW 6 D-103007 mg/l	MW-06D - 11/19/2008 MW 6 D-111908 mg/L	MW-06D - 10/21/2009 MW-6D-102109 mg/l	MW-06D - 5/19/2010 MW-6D-051910 mg/l	MW-06D - 1/19/2011 MW-6D-011911 mg/l	MW-06D - 4/20/2011 MW-6D-042011 mg/l
Ethane	NS		0.0013 U	0.00052 U	0.00052 U	0.00052 U	0.00057 U	0.00057 U	0.00061
Ethylene	NS		0.0013 U	0.00081	0.00048 J	0.00075	0.0004 J	0.0009	0.00053 U
Methane	NS		0.015	0.039	0.016	0.028	0.014	0.03	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-06D - 7/26/2011 MW-6D-072611 mg/l	MW-06D - 10/26/2011 MW-6D-102611 mg/l	MW-6D - 3/20/2012 MW-6D-032012 mg/l	MW-6D - 3/20/2012 X-1-032012 mg/l	MW-6D - 8/7/2012 MW-6D-080712 mg/l	MW-6D - 12/19/2012 MW-6D-121912 mg/l	MW-6D - 5/21/2013 MW-6D-052113 mg/l
Ethane	NS		0.00057 U	0.00057 U	0.00098	0.0015	0.00057 U	0.00057 U	0.0018
Ethylene	NS		0.00056	0.00067	0.00054 U	0.00054 U	0.00054 U	0.00079	0.0011 U
Methane	NS		0.023 B	0.017 B	0.029	0.047	0.013	0.021	0.06
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	X-1 5/21/2013 MW-6D-052113 mg/l	MW-6D 8/21/2013 MW-6D-082113 mg/l	MW-6D 12/18/2013 MW-6D-121813 mg/l	MW-6D 3/25/2014 MW-6D-032514 mg/l	MW-6D 6/10/2014 MW-6D-061014 mg/l	MW-6D 9/23/2014 MW6D092314 mg/L	MW-6D 4/11/2017 MW6D041117 mg/L
Ethane	NS		0.0018	0.00024	0.00026	0.00017 J	.00011 J	0.00012 J	0.00011 J
Ethylene	NS		0.0011U	0.003	0.0037	0.0002 U	.000055 J	0.000046 J	0.000029 J
Methane	NS		0.061	0.085	0.1	0.074	0.068	0.098	0.11 B
Hydrogen*	NS		---	1.4	0.91	0.85	0.99	0.74	---

NOTES:
U - not detected, J - estimated, D - Diluted Result, R - unusable, NS - no standard, Dup - duplicate sample, B - Analyte detected in the associated Method Blank
[] - Exceeds NYS Class GA Ground Water 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-6D	MW-6D	MW-6D	MW-06D	MW-06D	MW-06D
			- 9/12/2017 MW6D091217 mg/L	- 9/19/2018 MW6D091918 mg/L	- 3/20/219 MW6D032019 mg/L	- 9/24/2019 MW-6D-092419 mg/L	- 3/17/2020 MW 6D 031720 mg/L	- 9/22/2020 MW 6D 092220 mg/L
Ethane	NS		0.00013 J	0.00020 J	0.00012 J	0.000012 J	0.00013 J	0.00021 J
Ethylene	NS		0.000029 J	0.000088 J	0.000027 J	0.000040 J	0.0002 U	0.00012 U
Methane	NS		0.21	0.18	0.22	0.017	0.21	0.18
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 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	MW-06DD	MW-06DD	MW-06DD	MW-06DD	MW-06DD	MW-06DD	MW-06DD
		Depth Interval	Sample Date	Sample ID	Sample ID	Sample ID	Sample ID	Sample ID	Sample ID
			11/14/2005	11/15/2006	10/30/2007	11/19/2008	10/21/2009	05/19/2010	1/19/2011
			MW-6DD_11142005	MW-6DD_11152006	MW 6 DD-103007	MW 6 DD-111908	MW-6DD-102109	MW-6DD-051910	MW-6DD-011911
			mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l
Ethane	NS		0.013 U	0.026 U	0.00053 U	0.0026 U	0.00053 U	0.00057 U	0.00057 U
Ethylene	NS		0.013 U	0.026 U	0.0005	0.0025 U	0.0005 U	0.00054 U	0.00054 U
Methane	NS		0.38	0.24	0.14	0.16	0.056	0.025	0.06
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
 * - Units in nM

Table 6
Groundwater Data - Dissolved Gases
Forest 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-6DD	MW-6DD	MW-6DD	MW-6DD
			- 4/20/2011 MW-6DD-042011 mg/l	- 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	- 12/19/2012 MW-6DD-121912 mg/l	- 5/21/2013 MW-6DD-052113 mg/l
Ethane	NS		0.00057 U	0.00057 U	0.0028 U	0.00057 U	0.00057 U	0.0028 U	0.0057 U
Ethylene	NS		0.00054 U	0.00054 U	0.0027 U	0.00054 U	0.00062	0.0027 U	0.0054 U
Methane	NS		0.00061 U	0.06 B	0.071 B	0.045	0.07	0.15	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
 * - Units in nM

Table 6
Groundwater Data - Dissolved Gases
Forest 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	MW-6DD	MW-6DD
			- 8/21/2013 MW-6DD-082113 mg/l	- 12/18/2013 MW-6DD-121813 mg/l	- 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		0.00025	0.00039	0.000092 J	.00024	0.00018 J	0.000041 J
Ethylene	NS		0.00055	0.0011	0.00017 J	.00071	0.00034	0.000016 J
Methane	NS		0.19	0.35	0.031	0.14	0.099	0.0026 B
Hydrogen*	NS		0.93	0.97	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	MW-06DD	MW-06DD
			- 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	- 3/17/2020 MW 6DD 031720 mg/L	- 9/22/2020 MW 6DD 092220 mg/L
Ethane	NS		0.00022	0.00022	0.00011 J	0.000021	0.00012 J	0.00029 J
Ethylene	NS		0.00028	0.00026	0.000091 J	0.000034	0.000057 J	0.00032 J
Methane	NS		0.19	0.12	0.024	0.13	0.016	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	MW-07S	MW-07S	MW-07S	MW-07S	MW-07S	MW-07S	MW-07S
		Depth Interval	Sample Date	Sample ID	Sample ID	Sample ID	Sample ID	Sample ID	Sample ID
			2/18/2000	8/16/2001	11/28/2001	2/25/2002	5/16/2002	11/15/2004	11/16/2005
			MW-07S_WG_021800	MW-07S_WG_081601	MW-07S_WG_112801	MW-07S_WG_022502	MW-07S_WG_051602	MW-07S_WG_111504	MW-7S_11162005
			mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l
Ethane	NS		0.02 U	0.02 UJ	0.002 U	0.002 U	0.0013 U	0.0022 U	0.0013 U
Ethylene	NS		0.02 U	0.02 U	0.002 U	0.002 U	0.0013 U	0.0022 U	0.0013 U
Methane	NS		0.4	0.6	0.012 U	0.002 U	0.0007 U	0.002 U	0.00070 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
 * - Units in nM

**Table 6
Groundwater Data - Dissolved Gases
Forest 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	MW-07S
			- 11/15/2006 MW-7S_11152006 mg/l	- 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	- 1/18/2011 MW-7S-011811 mg/l	- 4/19/2011 MW-7S-041911 mg/l
Ethane	NS		0.0013 U	0.00053 U	0.00052 U	0.00052 U	0.00057 U	0.00057 U	0.00057 U
Ethylene	NS		0.0013 U	0.0005 U	0.00049 U	0.00049 U	0.00054 U	0.00054 U	0.00054 U
Methane	NS		0.0015	0.00059	0.0026	0.0029	0.00061 U	0.013	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
 * - Units in nM

Table 6
Groundwater Data - Dissolved Gases
Forest 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-7S	MW-7S	MW-7S	MW-7S
			- 7/27/2011 MW-7S-072711 mg/l	- 10/26/2011 MW-7S-102611 mg/l	- 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	- 8/20/2013 MW-7S-082013 mg/l
Ethane	NS		0.00057 U	0.00057 U	0.00057 U	0.00057 U	0.00057 U	0.00056 U	0.0002 U
Ethylene	NS		0.00054 U	0.00054 U	0.00054 U	0.00054 U	0.00054 U	0.00053 U	0.0002 U
Methane	NS		0.24	0.00057 J	0.00084	0.011	0.00061 U	0.02	0.034
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
 * - Units in nM

Table 6
Groundwater Data - Dissolved Gases
Forest 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	MW-7S	MW-7S
			12/17/2013 MW-7S-121713 mg/l	3/26/2014 MW-7S-032614 mg/l	6/11/2014 MW-7S-061114 mg/l	9/24/2014 MW7S092414 mg/L	4/12/2017 MW7S041217 mg/L	9/13/2017 MW7S091317 mg/L
Ethane	NS		.000044 J	0.0002 U	.0002	0.0000089 J	0.0002 U	0.0002 U
Ethylene	NS		0.0002 U	0.0002 U	.000015 J	0.000011 J	0.0002 U	0.0002 U
Methane	NS		0.69	0.0071	0.0033	0.19	0.00013 JB	0.021
Hydrogen*	NS		0.54 J	0.69	2.1	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-7S	MW-07S	MW-07S	MW-07S
			- 9/18/2018 MW7S091818 mg/L	- 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	- 9/24/2020 MW 7S 092420 mg/L
Ethane	NS		0.00020 U	0.000014 J	0.00020 U	0.0000060 U	0.000006 U	NOT SAMPLED
Ethylene	NS		0.0000071 J	0.00020 U	0.00020 U	0.00012 U	0.0002 U	
Methane	NS		0.17	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	MW-07D	MW-07D	MW-07D	MW-07D	MW-07D	MW-07D	MW-07D
		Depth Interval	Sample Date	Sample ID	Sample ID	Sample ID	Sample ID	Sample ID	Sample ID
			2/18/2000	8/16/2001	11/28/2001	2/25/2002	5/16/2002	11/15/2004	11/16/2005
			MW-07D_WG_021800	MW-07D_WG_081601	MW-07D_WG_112801	MW-07D_WG_022502	MW-07D_WG_051602	MW-07D_WG_111504	MW-7D_11162005
			mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l
Ethane	NS		0.02 U	0.02 U	0.01 U	0.02 U	0.0052 U	0.0044 U	0.13 U
Ethylene	NS		0.02 U	0.0036 J	0.01 U	0.02 U	0.0052 U	0.0044 U	0.13 U
Methane	NS		0.1	0.1	0.08	0.1	0.11	0.13	0.21
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
 * - Units in nM



**Table 6
Groundwater Data - Dissolved Gases
Forest 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	MW-07D	MW-07D	MW-07D
			- 11/15/2006 MW-7D_11152006 mg/l	- 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	- 1/18/2011 MW-7D-011811 mg/l	- 4/19/2011 MW-7D-041911 mg/l
Ethane	NS		0.13 U	0.00052 U	0.00052 U	0.00052 U	0.00056 U	0.00057 U	0.00057 U
Ethylene	NS		0.13 U	0.00049 U	0.00049 U	0.00049 U	0.00053 U	0.00054 U	0.00054 U
Methane	NS		0.13	0.04	0.014	0.014	0.0057	0.062	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
 * - Units in nM

Table 6
Groundwater Data - Dissolved Gases
Forest 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-7D	MW-7D	MW-7D	MW-7D
			- 7/27/2011 MW-7D-072711 mg/l	- 10/25/2011 MW-7D-102511 mg/l	- 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	- 5/23/2013 MW-7D-052313 mg/l
Ethane	NS		0.00057 U	0.00057 U	0.00057 U	0.00057 U	0.0011 U	0.00057 U	0.028 U
Ethylene	NS		0.00054 U	0.00054 U	0.00054 U	0.00054 U	0.0011 U	0.00054 U	0.027 U
Methane	NS		0.054 B	0.00046 J	0.00061 U	0.0082	0.14	0.00061 U	0.34
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
 * - Units in nM

Table 6
Groundwater Data - Dissolved Gases
Forest 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	MW-7D	MW-7D
			- 8/20/2013 MW-7D-082013 mg/l	- 12/17/2013 MW-7D-121713 mg/l	- 3/26/2014 MW-7D-032614 mg/l	- 6/11/2014 MW-7D-061114 mg/l	- 9/24/2014 MW7D092414 mg/L	- 4/12/0217 MW7D041217 mg/L
Ethane	NS		0.0002 U	0.0002 U	0.000018 U	.0002 U	0.000063 J	0.0002 U
Ethylene	NS		0.0002 U	0.0002 U	0.000019 U	.0002 U	0.000031 J	0.0002 U
Methane	NS		0.48	0.048	0.000019 U	.00057	0.83	0.000077 JB
Hydrogen*	NS		1	0.49 J	1.9	1.5	1.4	---

NOTES:
U - not detected, J - estimated, D - Diluted Result, R - unusable, NS - no standard, Dup - duplicate sample,
B - Analyte detected in the associated Method Blank
[] - Exceeds NYS Class GA Ground Water 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-7D	MW-7D	MW-7D	MW-07D	MW-07D	MW-07D
			- 9/13/2017 MW7D091317 mg/L	- 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	- 9/24/2020 MW 7D 092420 mg/L
Ethane	NS		0.0002 U	0.00020 U	0.00020 U	0.0000060 U	0.0000060 U	0.000075 U
Ethylene	NS		0.0002 U	0.000013 J	0.00020 U	0.000012 U	0.0002 U	0.00012 U
Methane	NS		0.00053	0.18	0.00011 J	0.0024	0.00023 J	0.73
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-07DD	MW-07DD	MW-07DD	MW-07DD	MW-07DD	MW-07DD	MW-07DD
		Depth Interval	Sample Date	Sample ID	Sample ID	Sample ID	Sample ID	Sample ID	Sample ID
			11/16/2005	11/15/2006	10/31/2007	11/20/2008	10/20/2009	05/17/2010	1/18/2011
			MW-7DD_11162005	VW-7DD(2)_11152006	MW 7-DD 2-103107	MW 7-DD 2-112008	MW-7DD-102009	MW-7DD-051710	MW-7DD-011811
			mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l
Ethane	NS		0.075 J	0.027 U	0.00053 U	0.010 U	0.0028	0.057 U	0.029 U
Ethylene	NS		0.13 U	0.027 U	0.0005 U	0.0098 U	0.0005 U	0.054 U	0.00054
Methane	NS		0.53	0.41	0.15	0.021	0.13	0.42	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
 * - Units in nM

Table 6
Groundwater Data - Dissolved Gases
Forest 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-7DD	MW-7DD	MW-7DD	X-1
			MW-7DD-041911 mg/l	MW-7DD(2)-072711 mg/l	MW-7DD-102611 mg/l	MW-7DD-032112 mg/l	MW-7DD-080812 mg/l	MW-7DD-121812 mg/l	MW-7DD-121812 mg/l
Ethane	NS		0.00057 U	0.00057	0.00057 U	0.0073 □	0.011 U	0.057 U	0.056 U
Ethylene	NS		0.00054 U	0.00054	0.00054 U	0.0025	0.011 U	0.054 U	0.054 U
Methane	NS		0.012	0.17	0.038 B	0.59	0.55	0.53	0.28
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
 * - Units in nM

Table 6
Groundwater Data - Dissolved Gases
Forest 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	MW-7DD	MW-7DD	MW-7DD
			- 5/23/2013 MW-7DD-052313 mg/l	- 8/20/2013 MW-7DD-082013 mg/l	- 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	- 4/12/2017 MW7DD041217 mg/L
Ethane	NS		0.028 U	0.0092	0.021	0.014	0.0036	0.013	0.000072 J
Ethylene	NS		0.027 U	0.0002 U	0.0002 U	0.000019 U	.0002 U	0.000017 J	0.0002 U
Methane	NS		0.63	1.4	0.93	1.4	0.67	1	0.08 B
Hydrogen*	NS		---	0.69	0.46 J	0.68	1.7	0.83	---

NOTES:

U - not detected, J - estimated, D - Diluted Result, R - unusable, NS - no standard, Dup - duplicate sample, B - Analyte detected in the associated Method Blank
 [] - Exceeds NYS Class GA Ground Water Quality Standard
 Data have note been validated
 --- Not Analyzed
 * - Units in nM

Table 6
Groundwater Data - Dissolved Gases
Forest 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	MW-07DD	MW-07DD
			- 9/13/2017 MW7DD091317 mg/L	- 9/13/2017 MW7DD091317 mg/L	- 3/19/2019 MW7DD031919 mg/L	- 9/24/2019 MW-7DD-092419 mg/L	- 3/18/2020 MW 7DD 031820 mg/L	- 9/24/2020 MW 7DD 092420 mg/L
Ethane	NS		0.0057	0.0054	0.0051	0.04	0.000032 J	0.0075
Ethylene	NS		0.0002 U	0.00020 U	0.00020 U	0.00012 U	0.0002 U	0.00012 U
Methane	NS		0.21	0.91	0.39	0.016	0.0062	0.099
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	MW-08S	MW-08S	MW-08S
		Depth Interval	Sample Date	Sample ID	Sample ID	Sample ID	Sample ID	Sample ID	Sample ID
			2/18/2000	8/16/2001	11/28/2001	2/25/2002	5/16/2002	11/16/2004	11/16/2005
			MW-08S_WG_021800	MW-08S_WG_081601	MW-08S_WG_112801	MW-08S_WG_022502	MW-08S_WG_051602	MW-08S_WG_111604	MW-8S_11162005
			mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l
Ethane	NS		0.02 U	0.02 UJ	0.002 U	0.002 U	0.0013 U	0.0022 U	0.0013 U
Ethylene	NS		0.02 U	0.02 U	0.002 U	0.002 U	0.0013 U	0.0022 U	0.0013 U
Methane	NS		0.04	0.2	0.012	0.02	0.013	0.002 U	0.00070 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
 * - Units in nM

Table 6
Groundwater Data - Dissolved Gases
Forest 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-8S	MW-08S	MW-08S	MW-08S
			- 11/15/2006 MW-8S_11152006 mg/l	- 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	- 1/18/2011 MW-8S-011811 mg/l	- 4/19/2011 MW-8S-041911 mg/l
Ethane	NS		0.0013 U	0.00053 U	0.00053 U	0.00053 U	0.00057 U	0.00056 U	0.00056 U
Ethylene	NS		0.0013 U	0.0005 U	0.00051 U	0.0005 U	0.00054 U	0.00053 U	0.00053 U
Methane	NS		0.00071 U	0.00038 J	0.00053 J	0.00048 J	0.00031 J	0.0032	0.00042 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 note been validated
 --- Not Analyzed
 * - Units in nM

**Table 6
Groundwater Data - Dissolved Gases
Forest 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-8S	MW-8S	MW-8S	MW-8S
			- 7/27/2011 MW-8S-072711 mg/l	- 10/25/2011 MW-8S-102511 mg/l	- 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	- 8/20/2013 MW-8S-082013 mg/l
Ethane	NS		0.00057 U	0.00057 U	0.00057 U	0.00057 U	0.00057 U	0.00055 U	.000031 J
Ethylene	NS		0.00054 U	0.00054 U	0.00054 U	0.00054 U	0.00054 U	0.00053 U	.000033 J
Methane	NS		0.0013 B	0.00038 J	0.0013	0.00083	0.00061 U	0.018	0.0095
Hydrogen*	NS		---	---	---	---	---	---	1.4

NOTES:

U - not detected, J - estimated, D - Diluted Result, R - unusable, NS - no standard, Dup - duplicate sample, B - Analyte detected in the associated Method Blank
 [] - Exceeds NYS Class GA Ground Water Quality Standard
 Data have not been validated
 --- Not Analyzed
 * - Units in nM

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

Chemical Name	Class GA GW Stds (mg/l)	Location ID	X-1	MW-8S	MW-8S	MW-8S	MW-8S	MW-8S
		Depth Interval	Sample Date	Sample ID	Sample ID	Sample ID	Sample ID	Sample ID
			8/20/2013 MW-8S-082013 mg/l	12/17/2013 MW-8S-121713 mg/l	3/26/2014 MW-8S-032614 mg/l	6/11/2014 MW-8S-061114 mg/l	9/24/2014 MW8S092414 mg/L	4/12/2017 MW8S041217 mg/L
Ethane	NS		.000033 J	0.0002 U	0.000018 U	.0000061 J	0.000012 J	0.0002 U
Ethylene	NS		.000035 J	0.0002 U	0.000019 U	.0002 U	0.00002 J	0.0002 U
Methane	NS		0.011	0.0033	0.00028	0.00057	0.0017	0.00028 JB
Hydrogen*	NS		---	0.66	0.76	1.9	0.87	---

NOTES:
U - not detected, J - estimated, D - Diluted Result, R - unusable, NS - no standard, Dup - duplicate sample,
B - Analyte detected in the associated Method Blank
[] - Exceeds NYS Class GA Ground Water 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-08S	MW-08S	MW-08S
			- 9/13/2017 MW8S091317 mg/L	- 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	- 9/24/2020 MW 8S 092420 mg/ L
Ethane	NS		0.0002 U	0.00020 U	0.00020 U	0.00010 J	0.000006 U	0.000075 U
Ethylene	NS		0.0002 U	0.000010 J	0.00020 U	0.00013 J	0.0002 U	0.00012 U
Methane	NS		0.0025	0.0018	0.00013 J	0.0016	0.0014	0.0045 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	MW-08D	MW-08D	MW-08D
		Depth Interval	Sample Date	Sample ID	Sample ID	Sample ID	Sample ID	Sample ID	Sample ID
			2/18/2000	8/16/2001	11/28/2001	2/25/2002	5/16/2002	11/16/2004	11/16/2005
			MW-08D_WG_021800	MW-08D_WG_081601	MW-08D_WG_112801	MW-08D_WG_022502	MW-08D_WG_051602	MW-08D_WG_111604	MW-8D_11162005
			mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l
Ethane	NS		0.02 U	0.01 U	0.002 U	0.02 U	0.0052 U	0.0022 U	0.026 U
Ethylene	NS		0.02 U	0.0009 J	0.002 U	0.02 U	0.0052 U	0.0022 U	0.026 U
Methane	NS		0.1	0.11	0.06	0.1	0.068	0.029	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-08D	MW-08D	MW-08D	MW-08D	MW-08D	MW-08D	MW-08D
			- 11/15/2006 MW-8D_11152006 mg/l	- 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	- 1/19/2011 MW-8D-011911 mg/l	- 4/19/2011 MW-8D-041911 mg/l
Ethane	NS		0.0013 U	0.00053 U	0.0015	0.00052 U	0.00057 U	0.00057 U	0.00057 U
Ethylene	NS		0.0013 U	0.0005 U	0.0017	0.00049 U	0.00054 U	0.00054 U	0.00054 U
Methane	NS		0.017	0.054	0.055	0.041	0.014	0.1	0.031
Hydrogen*	NS		---	---	---	---	---	---	---

NOTES:
 U - not detected, J - estimated, D - Diluted Result, R - unusable, NS - no standard, Dup - duplicate sample, B - Analyte detected in the associated Method Blank
 [] - Exceeds NYS Class GA Ground Water Quality Standard
 Data have note been validated
 --- Not Analyzed
 * - Units in nM

Table 6
Groundwater Data - Dissolved Gases
Forest 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-8D	MW-8D	MW-8D	MW-8D	MW-8D
			- 7/27/2011 MW-8D-072711 mg/l	- 10/25/2011 MW-8D-102511 mg/l	- 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	- 8/20/2013 MW-8D-082013 mg/l
Ethane	NS		0.00057 U	0.00057 U	0.00057 U	0.00057 U	0.0028 U	0.0028 U	0.00023
Ethylene	NS		0.00054 U	0.00054 U	0.00054 U	0.00054 U	0.0027 U	0.0027 U	0.00016 J
Methane	NS		0.039 B	0.045 B	0.046	0.064	0.16	0.11	0.18
Hydrogen*	NS		---	---	---	---	---	---	1.3

NOTES:

U - not detected, J - estimated, D - Diluted Result, R - unusable, NS - no standard, Dup - duplicate sample, B - Analyte detected in the associated Method Blank
 [] - Exceeds NYS Class GA Ground Water Quality Standard
 Data have not been validated
 --- Not Analyzed
 * - Units in nM

Table 6
Groundwater Data - Dissolved Gases
Forest 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	MW-8D	X-1	MW-8D
			MW-8D-121713 mg/l	MW-8D-032614 mg/l	MW-8D-032614 mg/l	MW-8D-061114 mg/l	MW8D092414 mg/L	MW8D092414 mg/L	MW8D041317 mg/L
Ethane	NS		0.00021	0.0002	0.00022	0.00033	0.00033	0.00036	0.00024
Ethylene	NS		0.00011 J	0.00018 J	0.000055 J	.00014 J	0.00012 J	0.00012 J	0.000032 J
Methane	NS		0.37	0.51	0.48	0.13	0.092	0.1	0.49 d,B
Hydrogen*	NS		0.6	0.73	---	2	0.8	---	---

NOTES:

U - not detected, J - estimated, D - Diluted Result, R - unusable, NS - no standard, Dup - duplicate sample, B - Analyte detected in the associated Method Blank
 [] - Exceeds NYS Class GA Ground Water Quality Standard
 Data have note been validated
 --- Not Analyzed
 * - Units in nM

Table 6
Groundwater Data - Dissolved Gases
Forest 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	MW-08D	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	- 3/18/2020 MW 8D 031820 mg/L	- 9/23/2020 MW 8D 092320 mg/L
Ethane	NS		0.00026	0.00019 J	0.00016 J	0.02	0.00014 J	0.0004 J
Ethylene	NS		0.0002 U	0.000024 J	0.000017 J	0.00019 J	0.0002 U	0.00012 U
Methane	NS		0.17	0.26	0.26	0.26	0.27	0.33
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-08DD	MW-08DD	MW-08DD	MW-08DD	MW-08DD	MW-08DD	MW-8DD
		Depth Interval	Sample Date	Sample ID	Sample ID	Sample ID	Sample ID	Sample ID	Sample ID
			11/16/2005	11/15/2006	11/1/2007	11/18/2008	10/20/2009	05/18/2010	1/18/2011
			MW-8DD_11162005	MW-8DD_11152006	MW-8DD-110107	MW-8DD-111808	MW-8DD-102009	MW-8DD-051810	MW-8DD-011811
			mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l
Ethane	NS		0.014 J	0.0027 U	0.00053 U	0.001 U	0.0043	0.0013	0.00057 U
Ethylene	NS		0.026 U	0.0027 U	0.0005 U	0.00098 U	0.0005 U	0.00054 U	0.00054 U
Methane	NS		0.25	0.086	0.13	0.067	0.054	0.053	0.031
Hydrogen*	NS		---	---	---	---	---	---	---

NOTES:
 U - not detected, J - estimated, D - Diluted Result, R - unusable, NS - no standard, Dup - duplicate sample, B - Analyte detected in the associated Method Blank
 [] - Exceeds NYS Class GA Ground Water Quality Standard
 Data have not been validated
 --- Not Analyzed
 * - Units in nM

Table 6
Groundwater Data - Dissolved Gases
Forest 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-08DD	MW-08DD	MW-8DD	MW-8DD	MW-8DD	MW-8DD
			MW-8DD-041911 mg/l	MW-8DD-072711 mg/l	MW-8DD-102511 mg/l	MW-8DD-032112 mg/l	MW-8DD-080812 mg/l	MW-8DD-121812 mg/l	MW-8DD-052213 mg/l
Ethane	NS		0.00057 U	0.00029 J	0.00057 U	0.00057 U	0.00057 U	0.0028 U	0.0028 U
Ethylene	NS		0.00054 U	0.00054 U	0.00054 U	0.00054 U	0.00054 U	0.0027 U	0.0027 U
Methane	NS		0.00061 U	0.027 B	0.017 B	0.015	0.033	0.091	0.071
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
 * - Units in nM

Table 6
Groundwater Data - Dissolved Gases
Forest 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	MW-8DD	MW-8DD
			- 8/20/2013 MW-8DD-082013 mg/l	- 12/17/2013 MW-8DD-082013 mg/l	- 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		0.00093	0.0021	0.00088	0.0012	0.0024	0.00013 J
Ethylene	NS		2.5E-05 J	0.0002 U	0.000025 J	.000018 J	0.000032 J	0.000014 J
Methane	NS		0.026	0.1	0.05	0.061	0.07	0.36d,B
Hydrogen*	NS		0.73	1.2	0.61	1.7	1.1	---

NOTES:
U - not detected, J - estimated, D - Diluted Result, R - unusable, NS - no standard, Dup - duplicate sample,
B - Analyte detected in the associated Method Blank
[] - Exceeds NYS Class GA Ground Water 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-8DD	MW-8DD	MW-8DD	MW-08DD	MW-08DD	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	- 3/18/2020 MW 8DD 031820 mg/L	- 9/23/2020 MW 8DD 092320 mg/L
Ethane	NS		0.0019	0.0016	0.00019 J	0.0016 J	0.000081 J	0.0031
Ethylene	NS		0.0002 U	0.000013 J	0.000018 J	0.000032 J	0.0002 U	0.00012 U
Methane	NS		0.36	0.18	0.18	0.14	0.093	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
[] - 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	MW-10S	MW-10S	MW-10S
		Depth Interval	Sample Date	Sample ID	Sample ID	Sample ID	Sample ID	Sample ID	Sample ID
			MW-10S_WG_021500	MW-10S_WG_081401	MW-10S_WG_112901	MW-10S_WG_022702	MW-10S_WG_051502	MW-10S_WG_111704	MW-10S_11142005
			mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l
Ethane	NS		0.002 U	0.002 U	0.002 U	0.002 U	0.0013 U	0.0022 U	0.0013 U
Ethylene	NS		0.002 U	0.002 U	0.002 U	0.002 U	0.0013 U	0.0022 U	0.0013 U
Methane	NS		0.001	0.003 J	0.012 U	0.002 U	0.0007 U	0.023	0.0085
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
 * - Units in nM

Table 6
Groundwater Data - Dissolved Gases
Forest 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	MW-10S	MW-10S	MW-10S
			- 11/14/2006 MW-10S_11142006 mg/l	- 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	- 1/20/2011 MW-10S-012011 mg/l	- 4/20/2011 MW-10S-042011 mg/l
Ethane	NS		0.0013 U	0.00053 U	0.00052 U	0.00053 U	0.00057 U	0.00056 U	0.00057 U
Ethylene	NS		0.0013 U	0.0005 U	0.00049 U	0.0005 U	0.00054 U	0.00053 U	0.00054 U
Methane	NS		0.0036	0.011	0.0036	0.0048	0.0009	0.0016	0.00066
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
 * - Units in nM

**Table 6
Groundwater Data - Dissolved Gases
Forest 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 - 7/26/2011 MW-10S-072611 mg/l	MW-10S - 10/27/2011 MW-10S-102711 mg/l	MW-10S - 3/20/2012 MW-10S-032012 mg/l	MW-10S - 8/7/2012 MW-10S-080712 mg/l	MW-10S - 12/19/2012 MW-10S-121912 mg/l	MW-10S - 5/21/2013 MW-10S-052113 mg/l	MW-10S - 8/22/2013 MW-10S-082213 mg/l
Ethane	NS		0.00057 U	0.00057 U	0.00057 U	0.00057 U	0.00057 U	0.00056 U	.000027 J
Ethylene	NS		0.00054 U	0.00054 U	0.00054 U	0.00054 U	0.00054 U	0.00053 U	0.0002 U
Methane	NS		0.0034 B	0.0055 B	0.00055 J	0.0067	0.0024	0.0026	0.0096
Hydrogen*	NS		---	---	---	---	---	---	0.71

NOTES:

U - not detected, J - estimated, D - Diluted Result, R - unusable, NS - no standard, Dup - duplicate sample, B - Analyte detected in the associated Method Blank
 [] - Exceeds NYS Class GA Ground Water Quality Standard
 Data have not been validated
 --- Not Analyzed
 * - Units in nM

Table 6
Groundwater Data - Dissolved Gases
Forest 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-061013	MW-10S	MW-10S	MW-10S	MW-10S
			- 12/18/2013 MW-10S-121813 mg/l	- 3/25/2014 MW-10S-032514 mg/l	- 6/10/2014 MW-10S-061014 mg/l	- 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		.000032 J	0.000095 J	.000097 J	0.000093 J	0.000048 J	0.00013 J	0.000072 J
Ethylene	NS		0.0002 U	0.000019 U	0.0000097	0.000074 J	0.0002 U	0.00014 J	0.000082 J
Methane	NS		0.014	0.032	0.041	0.025	0.031 B	0.034	0.028
Hydrogen*	NS		0.69	0.73	1.2	0.95	---	---	---

NOTES:

U - not detected, J - estimated, D - Diluted Result, R - unusable, NS - no standard, Dup - duplicate sample, B - Analyte detected in the associated Method Blank
 [] - Exceeds NYS Class GA Ground Water Quality Standard
 Data have note been validated
 --- Not Analyzed
 * - Units in nM

Table 6
Groundwater Data - Dissolved Gases
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	MW-10S	MW-10S	MW-10S	MW-10S	MW-10S
			9/19/2018 MW10S091918 mg/L	3/20/2019 MW10S031919 mg/L	9/25/2019 MW-10S-092519 mg/L	3/17/2020 MW 10S 031720 mg/L	9/23/2020 MW 10S 092320 mg/L	9/23/2020 X-1 092320 mg/L
Ethane	NS		0.000067 J	0.000098 J	0.000078 J	0.000073 J	0.000075 U	0.000075 U
Ethylene	NS		0.000076 J	0.0002 U	0.000085 J	0.000023 J	0.00012 U	0.00012 U
Methane	NS		0.029	0.074	0.032	0.059	0.036	0.045
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	MW-10D	MW-10D	MW-10D
		Depth Interval	Sample Date	Sample ID	Sample ID	Sample ID	Sample ID	Sample ID	Sample ID
			2/15/2000	8/14/2001	11/29/2001	2/27/2002	5/15/2002	11/17/2004	11/14/2005
			MW-10D_WG_021500	MW-10D_WG_081401	MW-10D_WG_112901	MW-10D_WG_022702	MW-10D_WG_051502	MW-10D_WG_111704	MW-10D_11142005
			mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l
Ethane	NS		0.002 U	0.002 U	0.002 U	0.002 U	0.0013 U	0.0022 U	0.0013 U
Ethylene	NS		0.002 U	0.002 U	0.002 U	0.002 U	0.0013 U	0.0022 U	0.0013 U
Methane	NS		0.006	0.03	0.03	0.007	0.015	0.026	0.022
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
 * - Units in nM

Table 6
Groundwater Data - Dissolved Gases
Forest 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	MW-10D	MW-10D	MW-10D
			- 11/14/2006 MW-10D_11142006 mg/l	- 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	- 1/20/2011 MW-10D-012011 mg/l	- 4/20/2011 MW-10D-045011 mg/l
Ethane	NS		0.0013 U	0.00052 U	0.00052 U	0.00053 U	0.00057 U	0.00056 U	0.00057 U
Ethylene	NS		0.0013 U	0.00049 U	0.00049 U	0.0005 U	0.00054 U	0.00053 U	0.00054 U
Methane	NS		0.012	0.0039	0.0045	0.0068	0.0082	0.012	0.0058
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
 * - Units in nM

Table 6
Groundwater Data - Dissolved Gases
Forest 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	MW-10D	MW-10D	MW-10D
			- 7/26/2011 MW-10D-072611 mg/l	- 7/26/2011 X1-072611 mg/l	- 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	- 5/21/2013 MW-10D-052113 mg/l
Ethane	NS		0.00057 U	0.00057 U	0.00057 U	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	0.00054 U	0.00054 U	0.00053 U
Methane	NS		0.0053 B	0.011 B	0.0054 B	0.0042	0.014	0.032	0.022
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
 * - Units in nM

**Table 6
Groundwater Data - Dissolved Gases
Forest 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 - 8/22/2013 MW-10D-082213 mg/l	MW-10D - 12/18/2013 MW-10D-121813 mg/l	X-1-121813 - 12/18/2013 MW-10D-121813 mg/l	MW-10D - 3/25/2014 MW-10D-032514 mg/l	MW-10D - 6/10/2014 MW-10D-061014 mg/l	MW-10D - 9/23/2014 MW10D092314 mg/L	MW-10D - 4/12/2017 MW10D041217 mg/L
Ethane	NS		.000076 J	.000073 J	.000063 J	0.000098 J	.00010 J	0.000094 J	0.000062 J
Ethylene	NS		0.0002 U	.000043 J	0.0002 U	0.000019 U	.000014 J	0.0000095 J	0.0000073 J
Methane	NS		0.057	0.04	0.033	0.051	0.042	0.029	0.11 B
Hydrogen*	NS		0.98	0.62	---	1.3	1.7	0.96	---

NOTES:

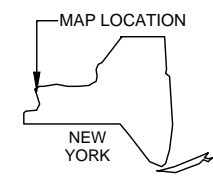
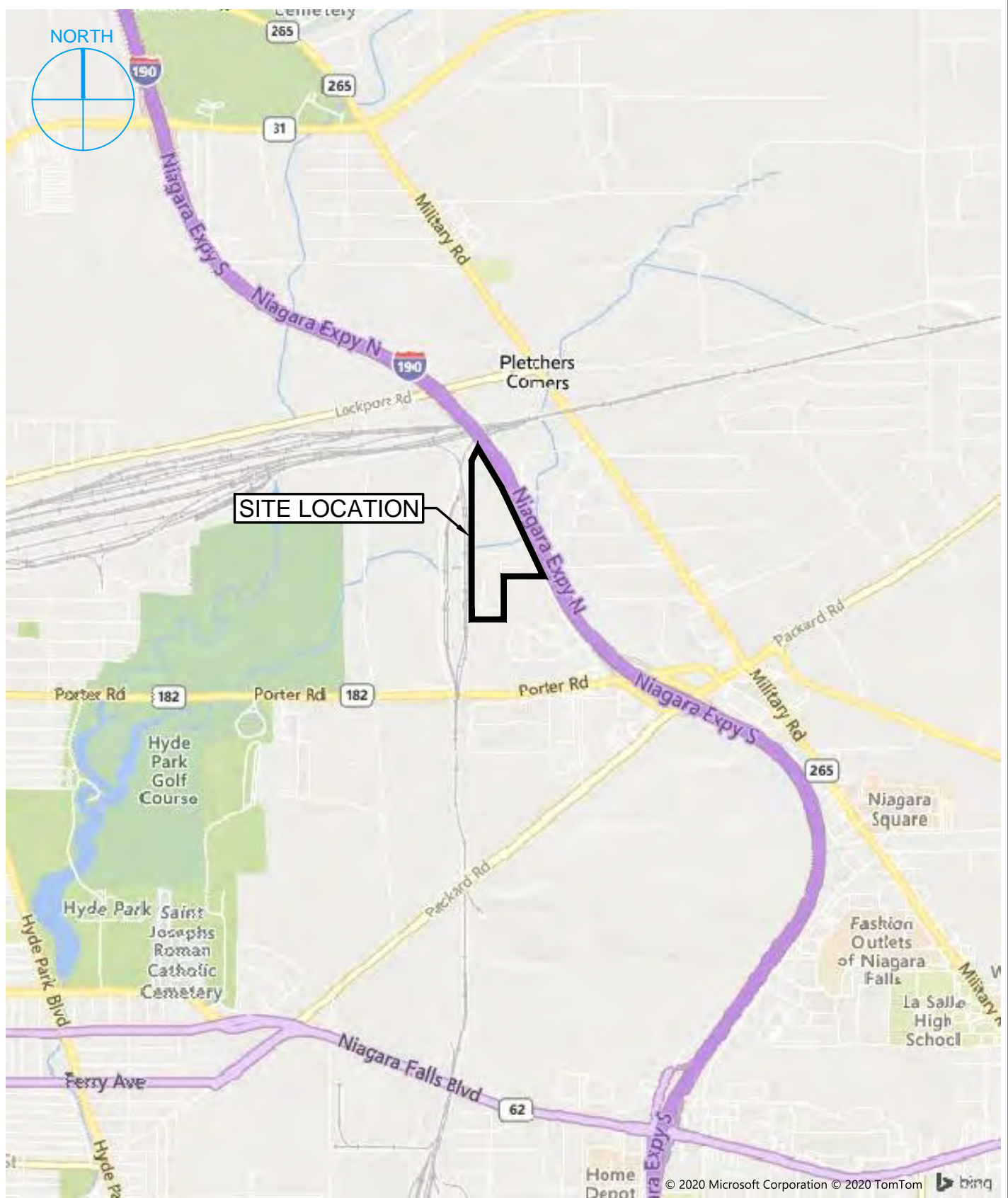
U - not detected, J - estimated, D - Diluted Result, R - unusable, NS - no standard, Dup - duplicate sample, B - Analyte detected in the associated Method Blank
 [] - Exceeds NYS Class GA Ground Water Quality Standard
 Data have not been validated
 --- Not Analyzed
 * - Units in nM

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

Chemical Name	Class GA GW Stds (mg/l)	Location ID Depth Interval Sample Date Sample ID	MW-10D - 9/12/2017 MW10D091217 mg/L	MW-10D - 9/19/2018 MW10D091918 mg/L	MW-10D - 3/20/219 MW10D032019 mg/L	MW-10D - 9/25/2019 MW-10D-092519 mg/L	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
Ethane	NS		0.00044	0.000094 J	0.000077 J	0.00007 J	0.000061 J	0.00006 J	0.000075 U
Ethylene	NS		0.0002 U	0.00020 U	0.000015 J	0.000012 U	0.0002 U	0.0002 U	0.00012 U
Methane	NS		0.18	0.084	0.07	0.07	0.050	0.049	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
 * - Units in nM

FIGURES



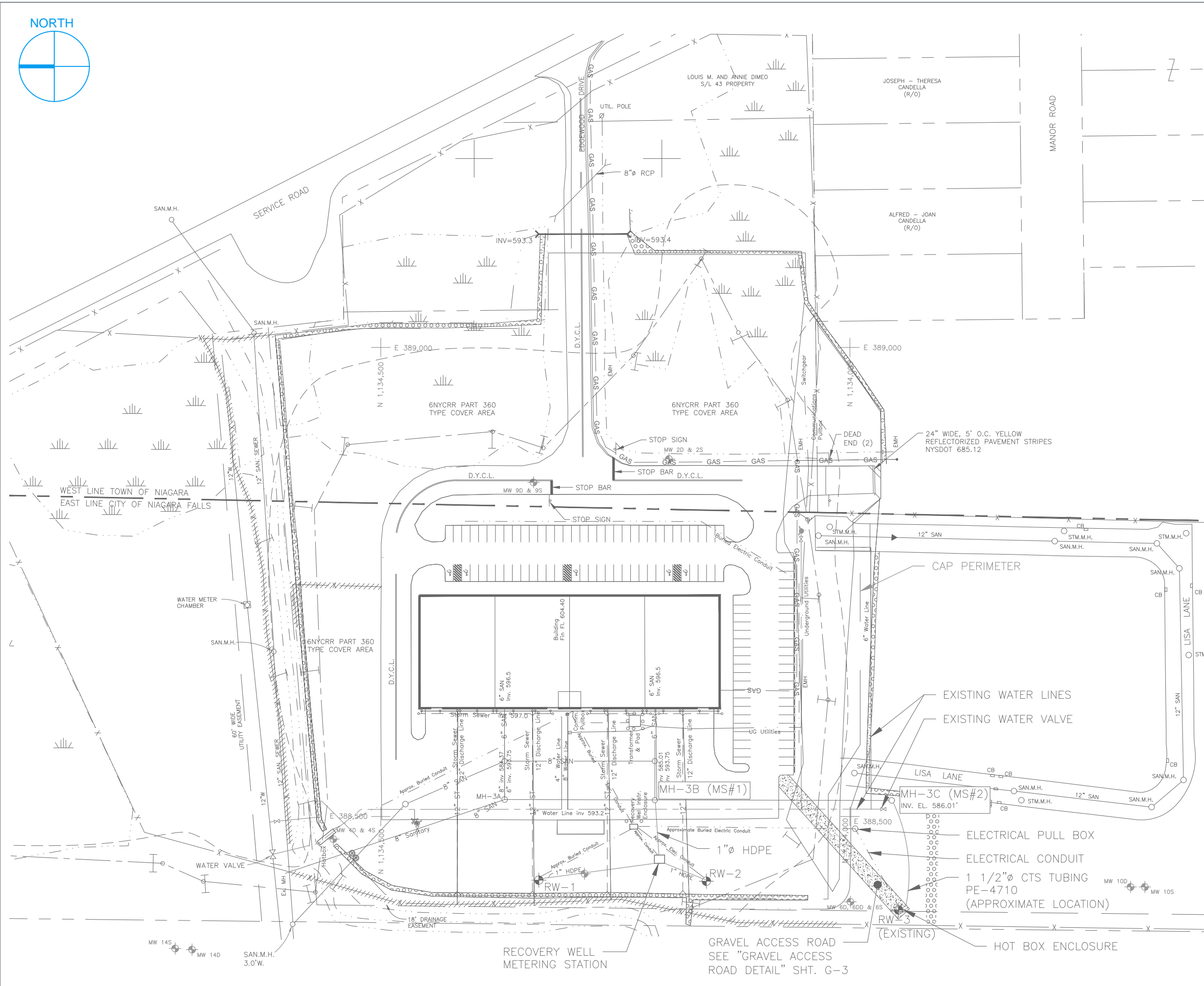
SITE LOCATION

FIGURE 01

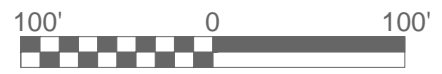
FOREST GLEN
 SUPERFUND SITE
 NIAGARA COUNTY, NEW YORK

O'BRIEN & GERE ENGINEERS
 A RAMBOLL COMPANY





- LEGEND**
- EXISTING FENCE
 - UNDERGROUND UTILITY SERVICE
 - UNDERGROUND GAS
 - EXISTING SANITARY SEWER
 - WATER SERVICE
 - PROPERTY LINE
 - LIMITS OF EASEMENT
 - EXISTING MONITORING WELL
MW 5D & 5S
 - EXISTING WETLAND (FORMER WITHIN CAP LIMITS)
 - RECOVERY WELL



SITE PLAN

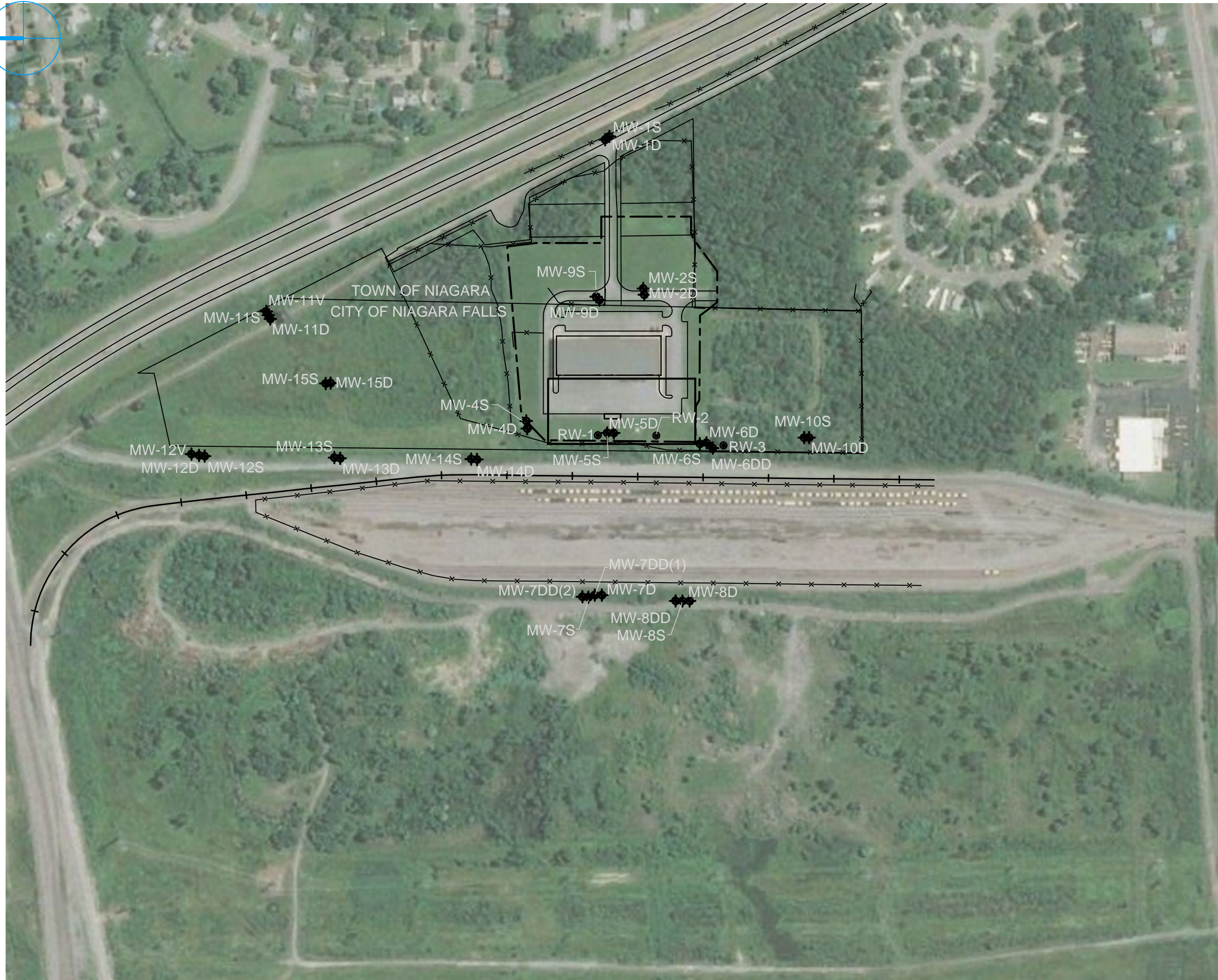
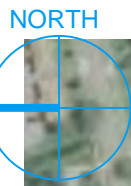
**FOREST GLEN SUPERFUND SITE
NIAGARA COUNTY, NEW YORK**

JANUARY 2021

FIGURE 02

O'BRIEN & GERE ENGINEERS
A RAMBOLL COMPANY





LEGEND

- FENCE LINE
- RAILROAD TRACKS
- EXISTING MONITORING WELL LOCATION
- APPROXIMATE RECOVERY WELL LOCATION
- ENGINEERED CAP LIMITS



SITE OVERVIEW

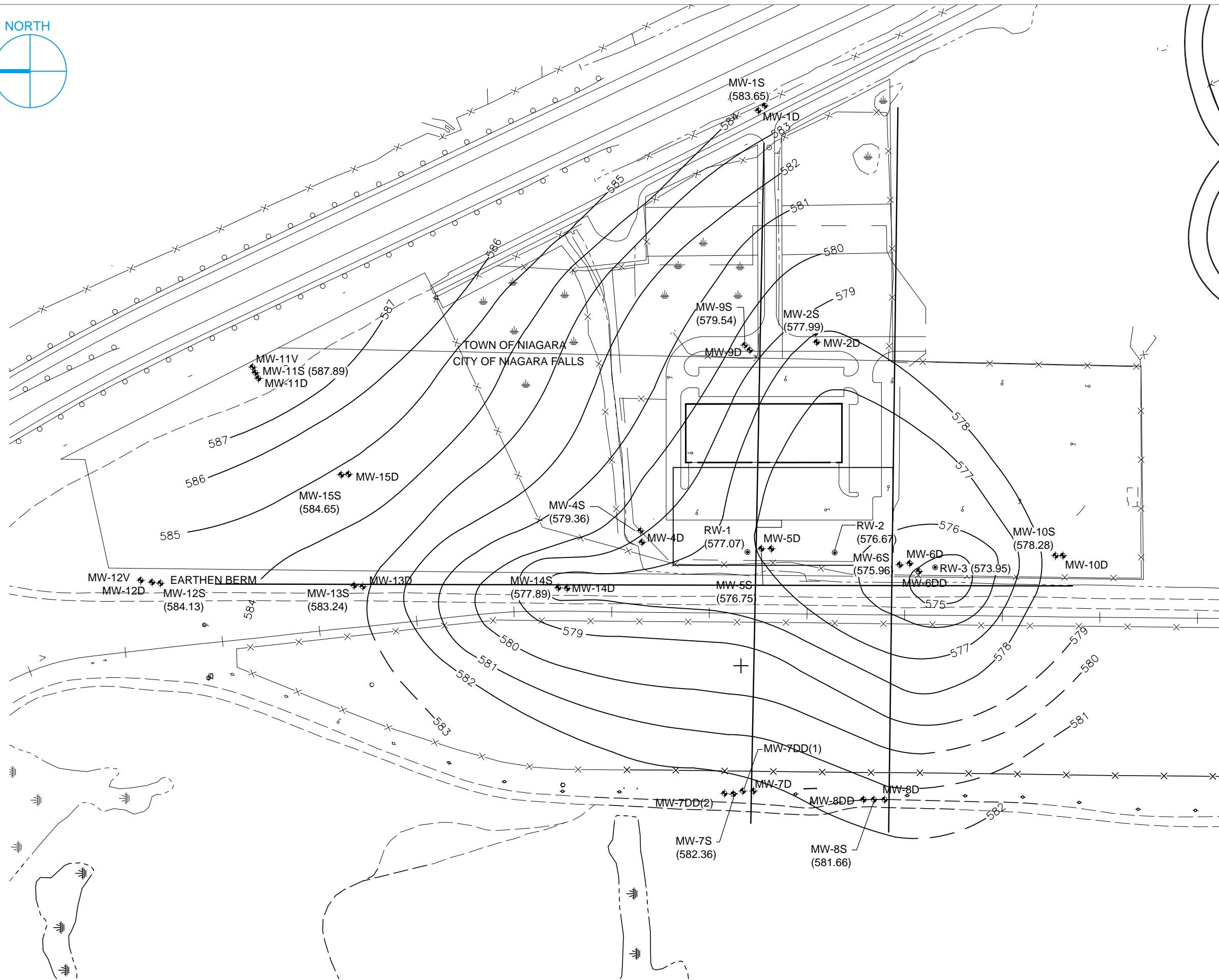
FOREST GLEN SUPERFUND SITE
NIAGARA COUNTY, NEW YORK

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.



**SHALLOW BEDROCK
GROUND WATER
ELEVATION CONTOURS
(03/16/2020)**

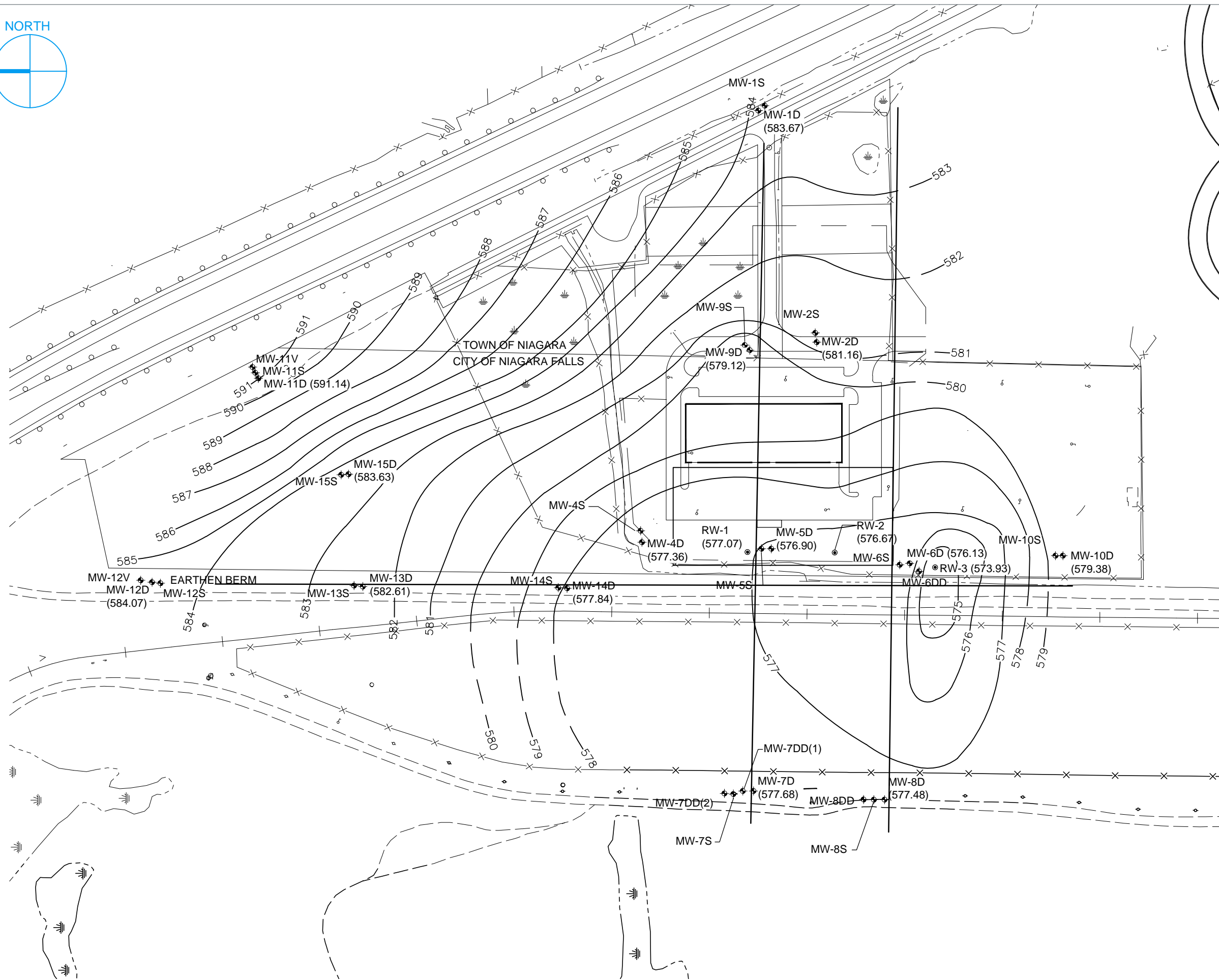
FOREST GLEN SUPERFUND SITE
NIAGARA COUNTY, NEW YORK

MAY 2020

FIGURE 04

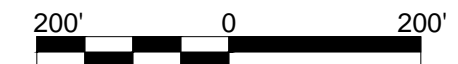
O'BRIEN & GERE ENGINEERS
A RAMBOLL COMPANY





- 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
 (03/16/2020)**

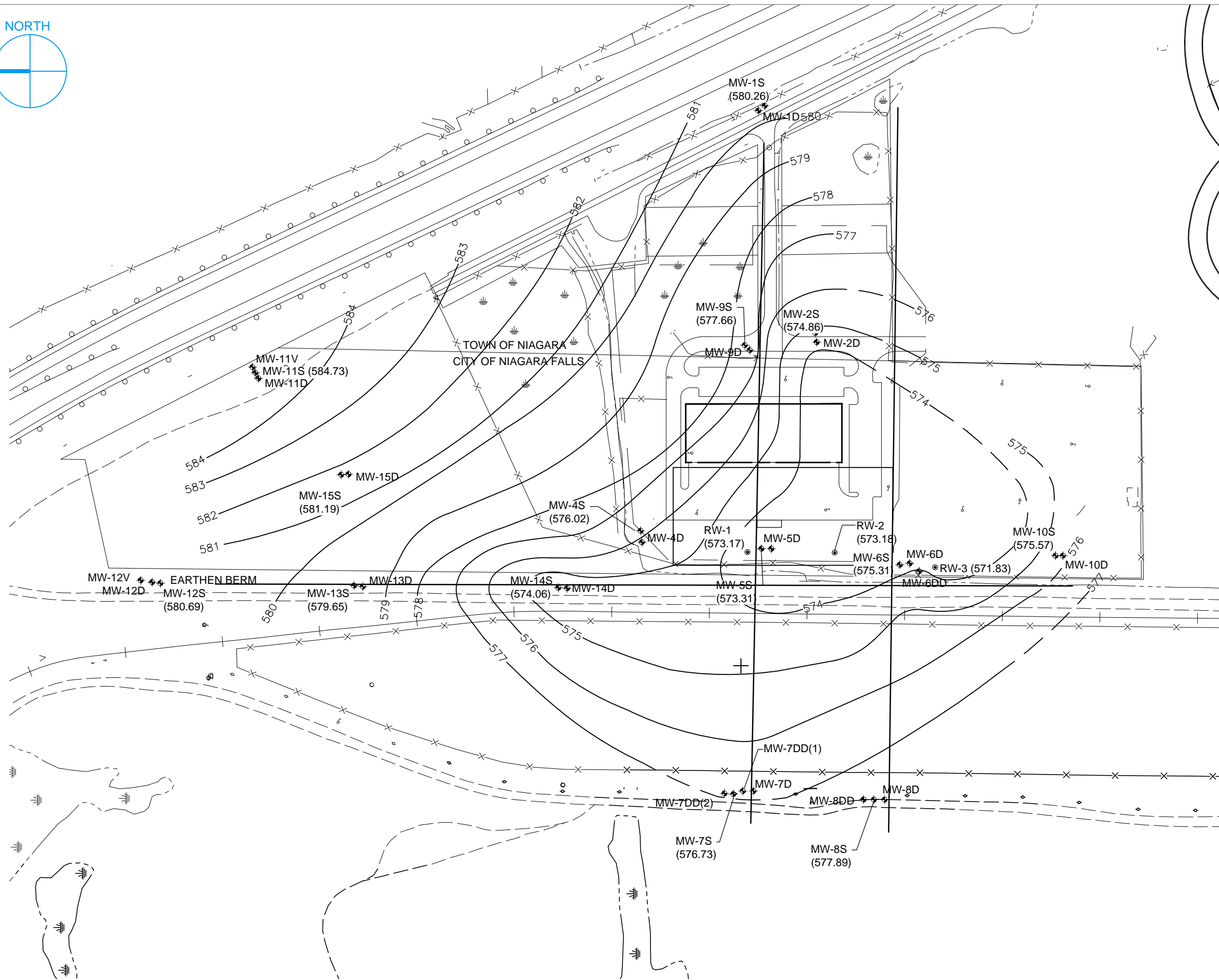
FOREST GLEN SUPERFUND SITE
 NIAGARA COUNTY, NEW YORK

MAY 2020

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
 (06/15/2020)**

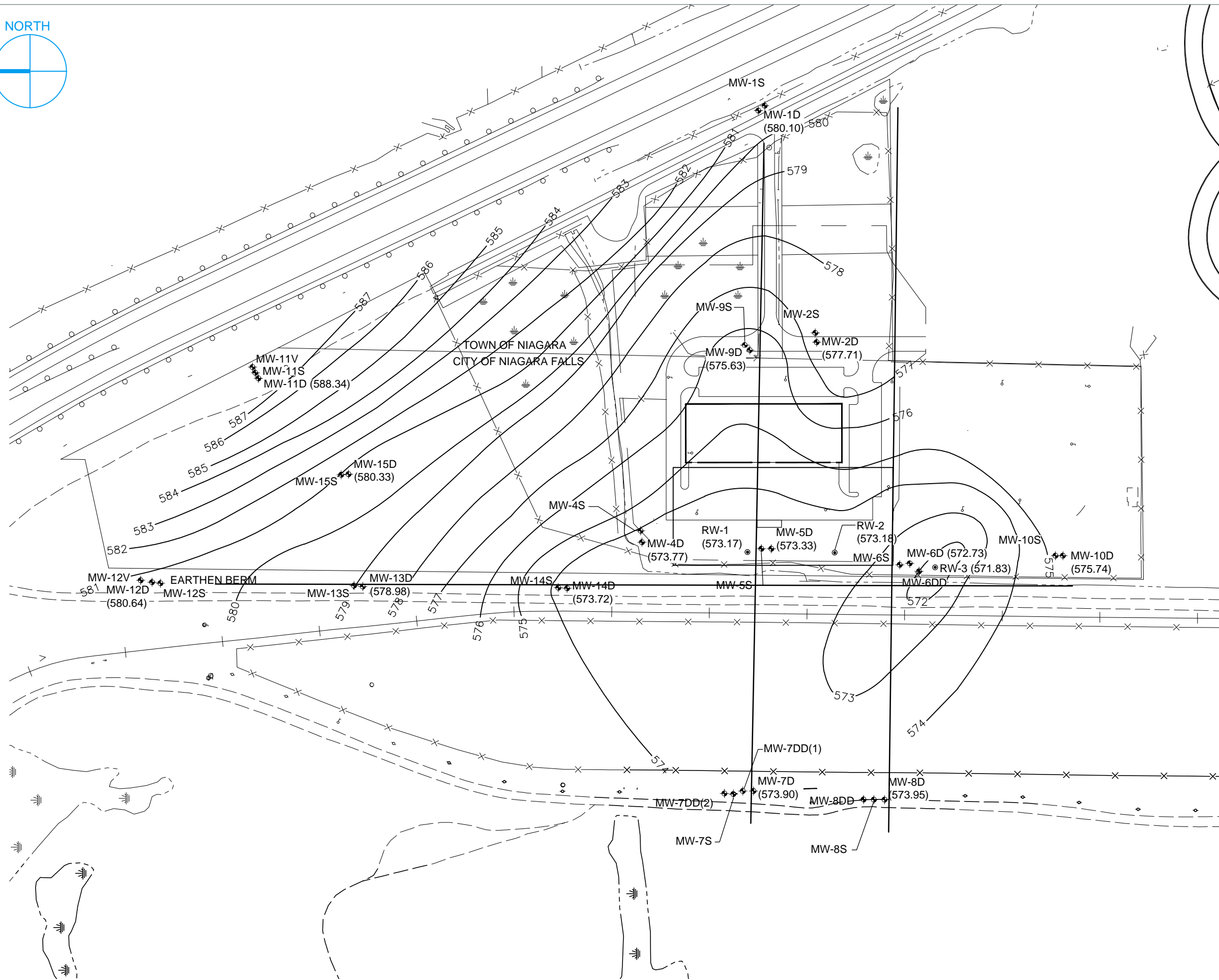
FOREST GLEN SUPERFUND SITE
 NIAGARA COUNTY, NEW YORK

JULY 2020

FIGURE 06

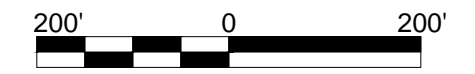
O'BRIEN & GERE ENGINEERS
 A RAMBOLL COMPANY





- 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
(06/15/2020)**

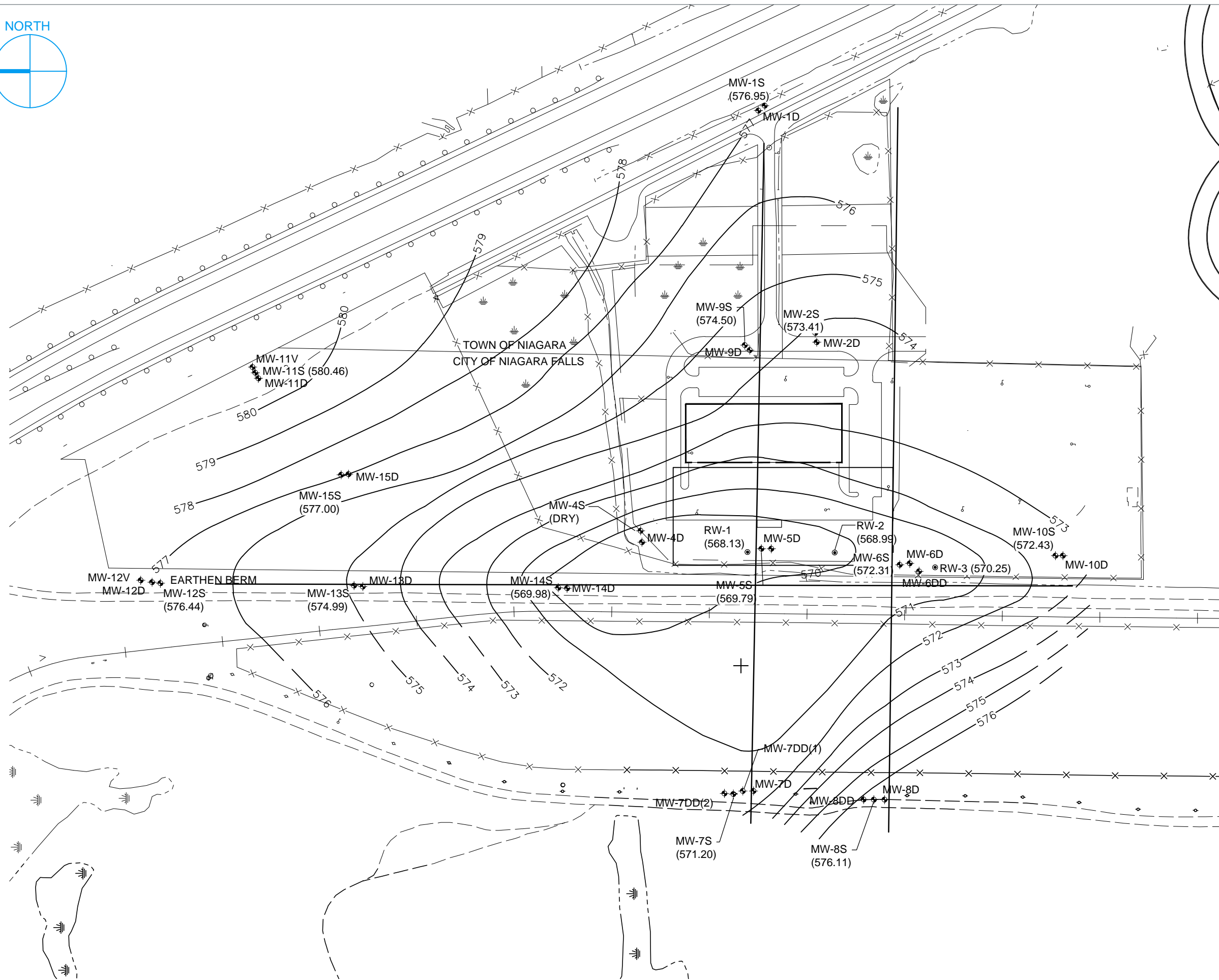
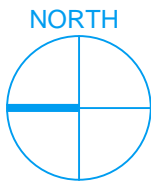
FOREST GLEN SUPERFUND SITE
NIAGARA COUNTY, NEW YORK

JULY 2020

FIGURE 07

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
 (09/21/2020)**

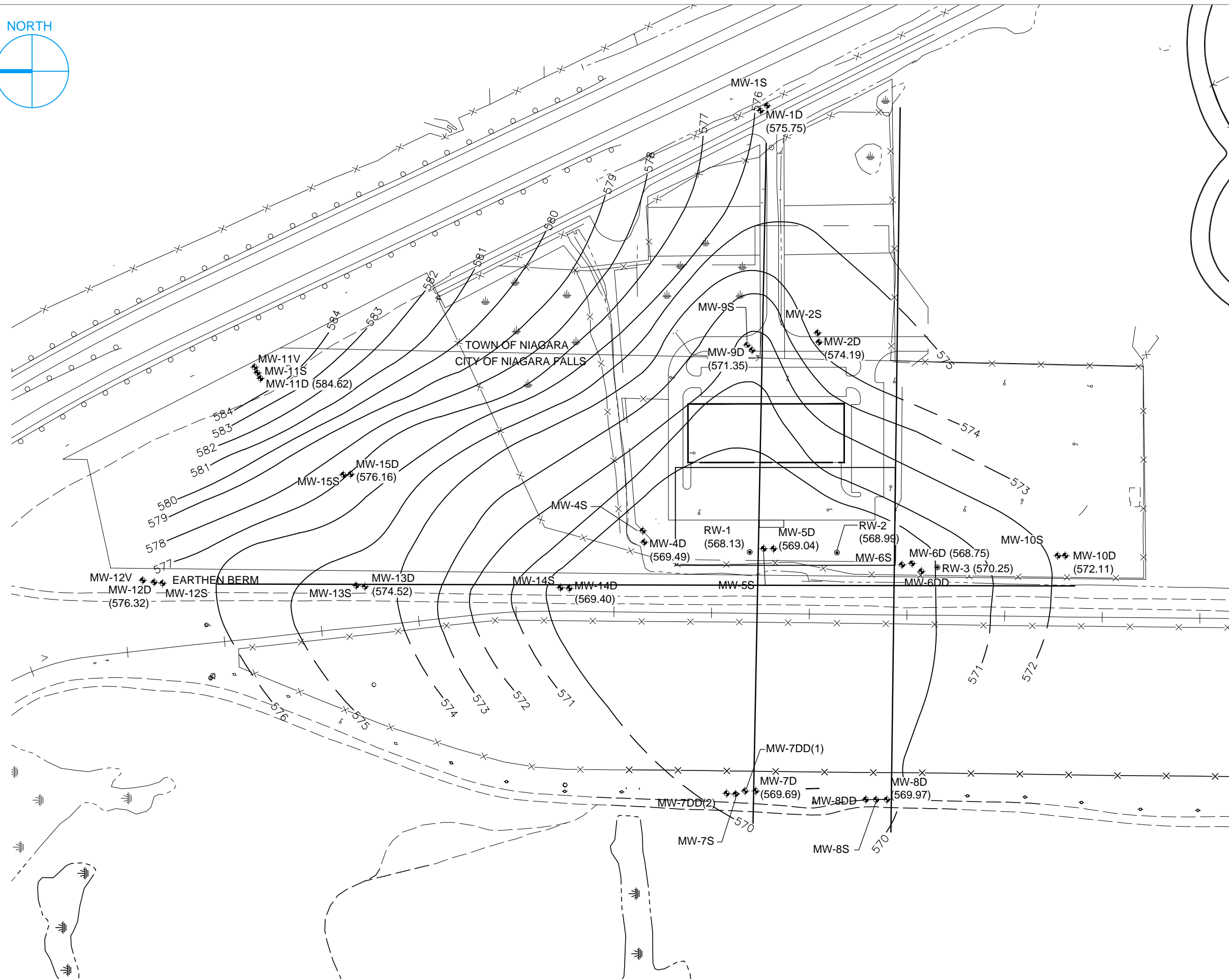
FOREST GLEN SUPERFUND SITE
 NIAGARA COUNTY, NEW YORK

OCTOBER 2020

FIGURE 08

O'BRIEN & GERE ENGINEERS
 A RAMBOLL COMPANY



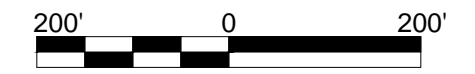


LEGEND

- 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
(09/21/2020)**

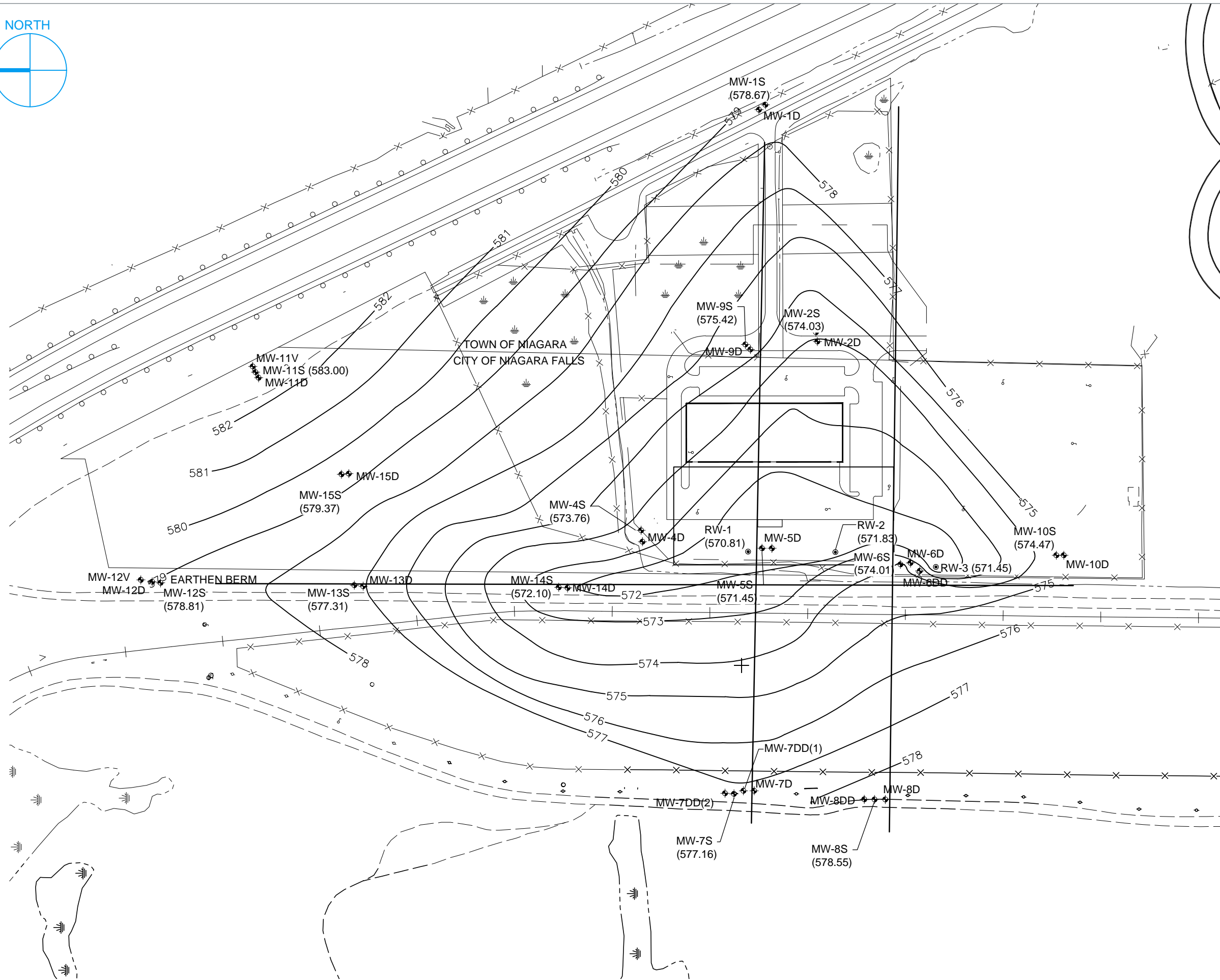
FOREST GLEN SUPERFUND SITE
NIAGARA COUNTY, NEW YORK

OCTOBER 2020

FIGURE 09

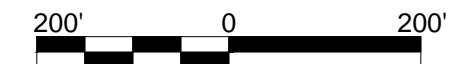
O'BRIEN & GERE ENGINEERS
A RAMBOLL COMPANY





- 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
(12/14/2020)**

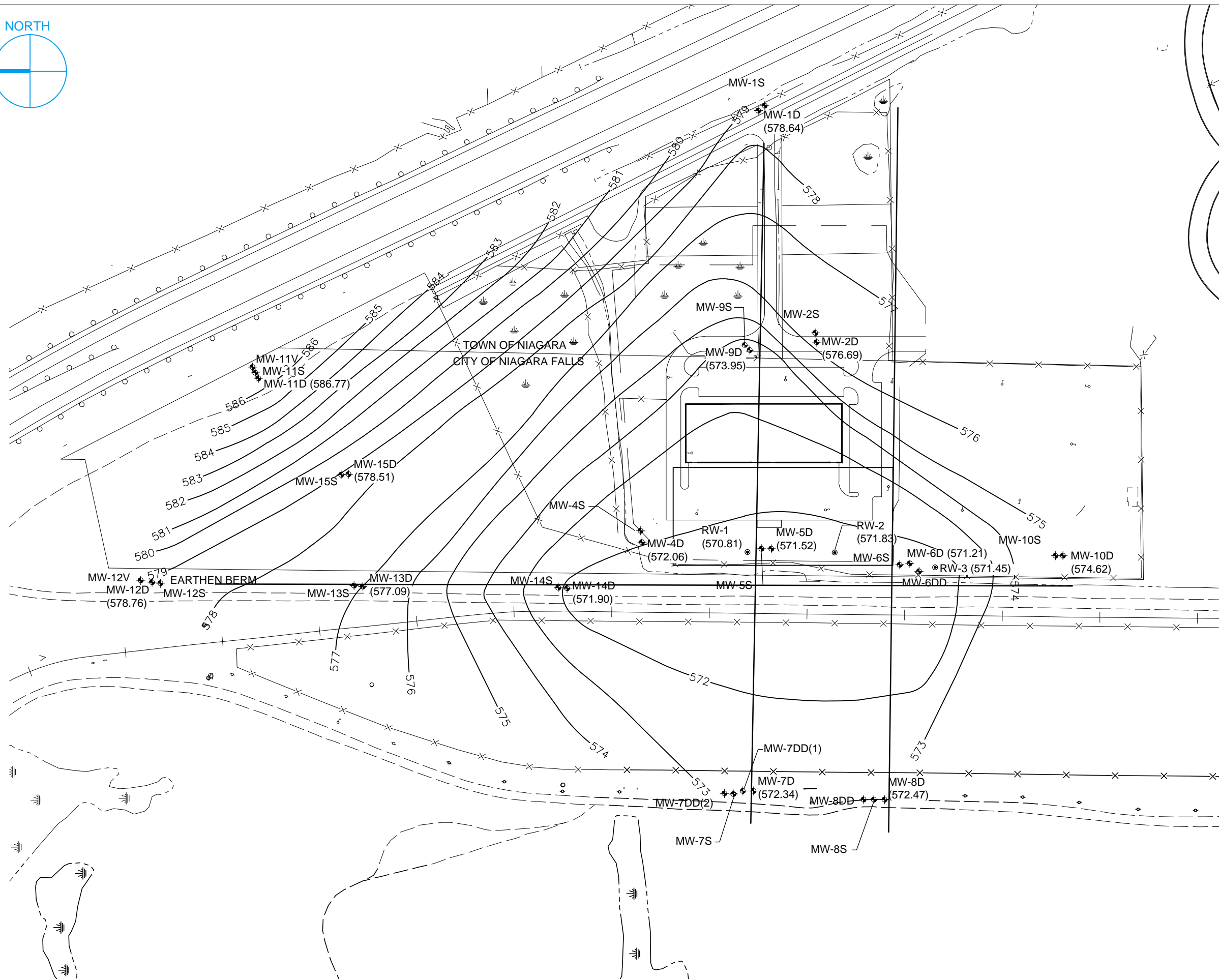
FOREST GLEN SUPERFUND SITE
NIAGARA COUNTY, NEW YORK

JANUARY 2021

FIGURE 10

O'BRIEN & GERE ENGINEERS
A RAMBOLL COMPANY



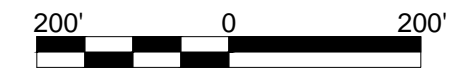


LEGEND

- 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
(12/14/2020)**

FOREST GLEN SUPERFUND SITE
NIAGARA COUNTY, NEW YORK

JANUARY 2021

FIGURE 11

O'BRIEN & GERE ENGINEERS
A RAMBOLL COMPANY

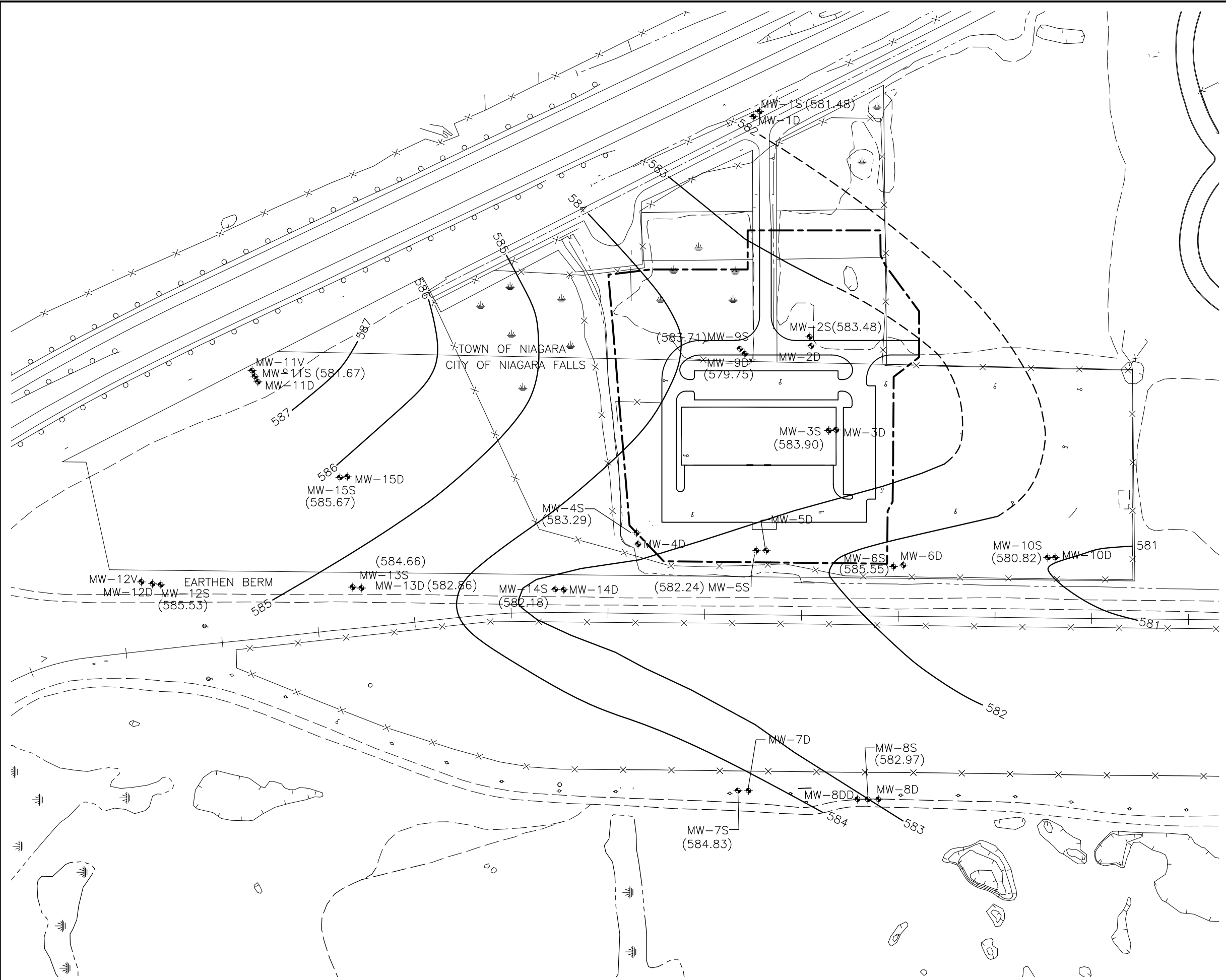


FIGURE 12



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)



FILE NO. 5540.44667.017
MARCH 2010

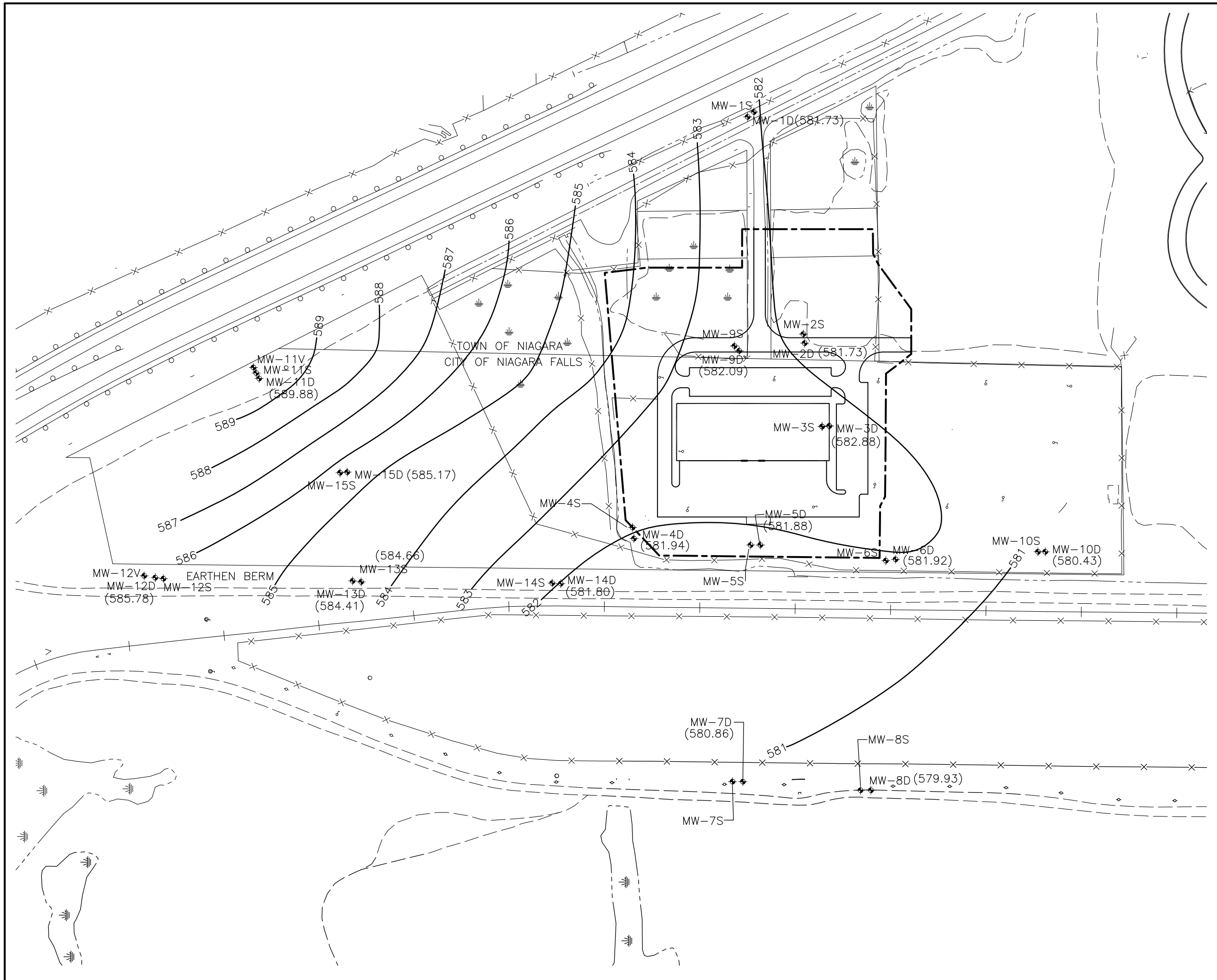


FIGURE 13



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)**



FILE NO. 5540.44667.018
MARCH 2010



APPENDICES



APPENDIX A

EFFLUENT MONITORING REPORT

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 29, 2020)

Date March 9, 2020

Dear Mr. Paradise:

This quarterly monitoring report for the period between December 1, 2019 and February 29, 2020 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).

During the quarter between December 1, 2019 and February 29, 2020, a total of 3,100,543 gallons of groundwater were recovered and discharged to the sanitary sewer for treatment at the Niagara Falls publicly owned treatment works (POTW), and in accordance with SIU Permit No. 61 Goodyear conducted self-monitoring of the flow. The monitoring included collection of four separate grab samples from December 17 to December 18, 2019 from recovery wells RW-1, RW-2 and RW-3.

The four grab samples collected from the recovery wells were delivered to Test America, Inc. in Amherst, NY where they were composited and analyzed for

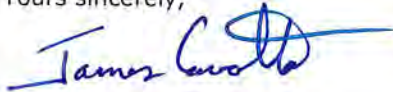
volatile organic compounds (VOCs) including vinyl chloride, 1,1-dichloroethylene, 1,2-dichloroethylene (cis and trans), 1,1-dichloroethane, trichloroethylene, tetrachloroethylene and 1,1,1-trichloroethane using USEPA method 624. The results of the analyses are summarized in the attached Self-Monitoring Report, which presents the concentration for each well based on the composite samples. The Test America laboratory reports are provided in the attached Self-Monitoring Report.

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 20, 2019 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
PROJECT MANAGER-1
657-E&H PM RESOURCES

D 315-956-6836
M 315-575-0729
james.cavotta@ramboll.com



**NIAGARA FALLS WATER BOARD
WASTEWATER FACILITIES
ENFORCEMENT DIVISION**

**SELF-MONITORING REPORT
SIGNIFICANT INDUSTRIAL USERS**

PERMIT NO. 61

QUARTER February 29, 2020

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)

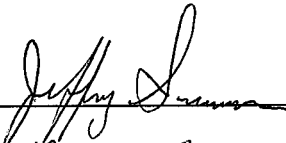
PAGE 2

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: MNGR. GLOBAL REMEDIATION
Date: MARCH 6, 2020

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: → 12/18/19						
24-HOUR FLOW IN MGD *						0.043
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	15	7.2	20	0.0042	15.76	0.004
BROMOFORM						
ETHYLBENZENE						
1,1,2,2 – TETRACHLOROETHANE						
TETRACHLOROETHYLENE	5.0 U	5.0 U	0.58 J	0.00003	0.052	0.00001
TOLUENE						
1,1,1 – TRICHLOROETHANE	1.3 J	0.95 J	5.0 U	0.0003	0.546	0.0002
1,1,2 – TRICHLOROETHANE						
TRICHLOROETHYLENE	6.0	1.5 J	5.0 U	0.001	1.437	0.0004
METHYLENE CHLORIDE						
MONOCHLOROTOLUENES						
MONOCHLOROBENZOTRIFLUOROIDE						
VINYL CHLORIDE	1.3 J	3.0 J	4.5 J	0.001	4.103	0.001
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: → 12/18/19						
24-HOUR FLOW IN MGD						0.043
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: → 12/18/19						
24-HOUR FLOW IN MGD *						0.043
1,2,4 – TRICHLOROENZENE						
1,2 – DICHLOROETHANE						
1,1,1 – TRICHLOROETHANE	1.3 J	0.95 J	5.0 U	0.0003	0.546	0.0002
HEXACHLOROETHANE						
1,1 – DICHLOROETHANE	1.6 J	1.3 J	5.0 U	0.0004	1.383	0.0004
1,1,2 – TRICHLOROETHANE						
CHLOROETHANE						
1,2 – DICHLOROBENZENE						
1,3 – DICHLOROBENZENE						
1,4 – DICHLOROBENZENE						
1,1 DICHLOROETHYLENE	5.0 U	5.0 U	5.0 U	0	0	0
1,2 – TRANS-DICHLOROETHYLENE						
1,3 – DICHLOROPROPYLENE						
METHYL CHLORIDE						
NITROBENZENE						
2 – NITROPHENOL						
4 – NITROPHENOL						
4,6 DINITRO-O-CRESOL						
BIS [2 – ETHYHEXYL] PHTHALATE						
ANTHRACENE						
DIETHYL PHTHALATE						
FLUORENE						

PART I

ANALYTICAL RESULTS

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: → 12/18/19						
24-HOUR FLOW IN MGD *						0.043
1,2 - DICHLOROPROPANE						
VINYL CHLORIDE	1.3 J	3.0 J	4.5 J	0.001	4.103	0.001
ACENAPHTHENE						
BENZENE						
CARBON TETRACHLORIDE						
CHLOROBENZENE						
HEXACHLOROBENZENE						
CHLOROFORM						
ETHYLBENZENE						
FLUORANTHENE						
METHYLENE CHLORIDE						
HEXACHLOROBUTADIEN						
NAPHTHALENE						
DI - N - BUTHYL PHTHALATE						
DIMETHYL PHTHALATE						
PHENANTHRENE						
PYRENE						
TRACHLOROETHYLENE						
TOLUENE						
TRICHLOROETHYLENE	6.0	1.5 J	5.0 U	0.001	1.437	0.0004
TOTAL CYANIDE						
TOTAL LEAD						
TOTAL ZINC						

PART I

ANALYTICAL RESULTS

SIU PERMIT NAME: The Goodyear Tire & Rubber Company

SIU PERMIT NO.: 61

SAMPLE LOCATION: Forest Glen Site

	RESULTS		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: → 12/18/19						
24-HOUR FLOW IN MGD						0.043
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: _____

PERMIT NO.: 61

NO PERMIT VIOLATIONS

VIOLATION PARAMETER	DATE	FLOW [MGD]	SAMPLE POINT LOCATION	ACTUAL* DISCHARGE	PERMIT LIMIT	TYPE** LIMIT VIOLATED

NOTE:
* - Actual discharge – list actual analytical results and appropriate units.
** - Type Limit Violated – List Type:
A.A. = Annual Average
D.M. = Daily Maximum
L.L. = Local Limits (Regulation 1960.5)

QUARTERLY SELF-MONITORING SUMMARY
GROUNDWATER RECOVERY SYSTEM EFFLUENT

FOREST GLEN SUPERFUND SITE
NIAGARA FALLS, NEW YORK

Analyte	RW-1 volume 14,544 gallons		RW-2 volume 21,744 gallons		RW-3 volume 6,624 gallons		Total volume 42,912 gallons	
	12/18/2019	Contribution to loading to POTW	12/18/2019	Contribution to loading to POTW	12/18/2019	Contribution to loading to POTW	Total loading to POTW	
1,1,1-trichloroethane	1.3 J	0.0002 lbs/day	0.95 J	0.0002 lbs/day	5 U	0 lbs/day	0.0003 lbs/day	
1,1-dichloroethane	1.6 J	0.0002 lbs/day	1.3 J	0.0002 lbs/day	5 U	0 lbs/day	0.0004 lbs/day	
1,1-dichloroethylene	5 U	0 lbs/day	5 U	0 lbs/day	5 U	0 lbs/day	0 lbs/day	
cis-1,2-dichloroethylene	15	0.0018 lbs/day	7.2	0.0013 lbs/day	20	0.0011 lbs/day	0.0042 lbs/day	
tetrachloroethylene	5 U	0 lbs/day	5 U	0 lbs/day	0.58 J	0.00003 lbs/day	0.00003 lbs/day	
trans-1,2-dichloroethylene	5 U	0 lbs/day	5 U	0 lbs/day	5 U	0 lbs/day	0 lbs/day	
trichloroethylene	6.0	0.0007 lbs/day	1.5 J	0.0003 lbs/day	5 U	0 lbs/day	0.0010 lbs/day	
vinyl chloride	1.3 J	0.0002 lbs/day	3.0 J	0.0005 lbs/day	4.5 J	0.0002 lbs/day	0.0010 lbs/day	

Notes

1. Concentrations reported in units of ug/l
2. U - undetected, with detection limit identified
3. J - estimated value

	3/19/2019	6/20/2019	9/24/2019	12/18/2019	Average
Analyte	ug/l	ug/l	ug/l	ug/l	ug/l
1,1,1-trichloroethane	0.6142	0	0.6476	0.9220	0.546
1,1-dichloroethane	1.0175	1.6113	1.7021	1.2010	1.383
1,1-dichloroethylene	0	0	0	0	0.000
cis-1,2-dichloroethylene	9.2630	23.4716	18.4923	11.8195	15.762
tetrachloroethylene	0	0	0.1171	0.0895	0.052
trans-1,2-dichloroethylene	0	0	0	0	0.000
trichloroethylene	1.3175	1.3681	0.2705	2.7936	1.437
vinyl chloride	2.4180	5.0950	6.2451	2.6554	4.103

Analyte	lb/day	lb/day	lb/day	lb/day	lbs/day
1,1,1-trichloroethane	0.0002	0	0.0002	0.0003	0.0002
1,1-dichloroethane	0.0003	0.0003	0.0006	0.0004	0.0004
1,1-dichloroethylene	0	0	0	0	0.000
cis-1,2-dichloroethylene	0.0023	0.004	0.0061	0.0042	0.004
tetrachloroethylene	0	0	0	0.00003	0.00001
trans-1,2-dichloroethylene	0	0	0	0	0.000
trichloroethylene	0.0003	0.0002	0.0001	0.001	0.0004
vinyl chloride	0.0006	0.0009	0.002	0.001	0.001

ANALYTICAL REPORT

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

Laboratory Job ID: 480-164475-1

Client Project/Site: Forest Glen Discharge Analysis

For:

O'Brien & Gere Inc of North America
333 West Washington St.
PO BOX 4873
East Syracuse, New York 13221

Attn: Mr. David J Carnevale



Authorized for release by:

12/24/2019 4:33:01 PM

Alexander Gilbert, Project Management Assistant I
alexander.gilbert@testamericainc.com

Designee for

John Schove, Project Manager II
(716)504-9838
john.schove@testamericainc.com

LINKS

Review your project
results through
TotalAccess

Have a Question?



Visit us at:
www.testamericainc.com

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

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

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



Table of Contents

Cover Page	1
Table of Contents	2
Definitions/Glossary	3
Case Narrative	4
Detection Summary	5
Client Sample Results	6
Surrogate Summary	8
QC Sample Results	9
QC Association Summary	10
Lab Chronicle	11
Certification Summary	12
Method Summary	13
Sample Summary	14
Chain of Custody	15
Receipt Checklists	16

Definitions/Glossary

Client: O'Brien & Gere Inc of North America
Project/Site: Forest Glen Discharge Analysis

Job ID: 480-164475-1

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.
▫	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
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)
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
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)

Case Narrative

Client: O'Brien & Gere Inc of North America
Project/Site: Forest Glen Discharge Analysis

Job ID: 480-164475-1

Job ID: 480-164475-1

Laboratory: Eurofins TestAmerica, Buffalo

Narrative

**Job Narrative
480-164475-1**

Comments

No additional comments.

Receipt

The samples were received on 12/19/2019 4:30 PM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 2.8° C.

GC/MS VOA

Method 624.1: The continuing calibration verification (CCV) associated with batch 480-511023 recovered above the upper control limit for 1,1,1-Trichloroethane. The samples associated with this CCV were non-detected above the reporting limit, for the affected analytes; therefore, the data have been reported. The following samples are impacted: RW - 1 COMPOSITE (480-164475-13), RW - 2 COMPOSITE (480-164475-14) and RW - 3 COMPOSITE (480-164475-15).

Method 624.1: The following Volatile sample(s) was composited by the laboratory on 12/20/19 as requested by the client: RW - 1 COMPOSITE (480-164475-13), RW - 2 COMPOSITE (480-164475-14) and RW - 3 COMPOSITE (480-164475-15). Regulatory defined guidance for in-laboratory compositing of samples, is currently not available. Laboratory sample compositing was performed using established project specifications and/or laboratory standard operating procedures.

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

Detection Summary

Client: O'Brien & Gere Inc of North America
Project/Site: Forest Glen Discharge Analysis

Job ID: 480-164475-1

Client Sample ID: RW - 1 COMPOSITE

Lab Sample ID: 480-164475-13

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1,1-Trichloroethane	1.3	J	5.0	0.39	ug/L	1		624.1	Total/NA
1,1-Dichloroethane	1.6	J	5.0	0.59	ug/L	1		624.1	Total/NA
cis-1,2-Dichloroethylene	15		5.0	0.57	ug/L	1		624.1	Total/NA
Trichloroethylene	6.0		5.0	0.60	ug/L	1		624.1	Total/NA
Vinyl chloride	1.3	J	5.0	0.75	ug/L	1		624.1	Total/NA

Client Sample ID: RW - 2 COMPOSITE

Lab Sample ID: 480-164475-14

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1,1-Trichloroethane	0.95	J	5.0	0.39	ug/L	1		624.1	Total/NA
1,1-Dichloroethane	1.3	J	5.0	0.59	ug/L	1		624.1	Total/NA
cis-1,2-Dichloroethylene	7.2		5.0	0.57	ug/L	1		624.1	Total/NA
Trichloroethylene	1.5	J	5.0	0.60	ug/L	1		624.1	Total/NA
Vinyl chloride	3.0	J	5.0	0.75	ug/L	1		624.1	Total/NA

Client Sample ID: RW - 3 COMPOSITE

Lab Sample ID: 480-164475-15

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethylene	20		5.0	0.57	ug/L	1		624.1	Total/NA
Tetrachloroethylene	0.58	J	5.0	0.34	ug/L	1		624.1	Total/NA
Vinyl chloride	4.5	J	5.0	0.75	ug/L	1		624.1	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: O'Brien & Gere Inc of North America
Project/Site: Forest Glen Discharge Analysis

Job ID: 480-164475-1

Client Sample ID: RW - 1 COMPOSITE

Lab Sample ID: 480-164475-13

Date Collected: 12/18/19 09:35

Matrix: Water

Date Received: 12/19/19 16:30

Method: 624.1 - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.3	J	5.0	0.39	ug/L			12/20/19 17:25	1
1,1-Dichloroethane	1.6	J	5.0	0.59	ug/L			12/20/19 17:25	1
1,1-Dichloroethylene	ND		5.0	0.85	ug/L			12/20/19 17:25	1
cis-1,2-Dichloroethylene	15		5.0	0.57	ug/L			12/20/19 17:25	1
Tetrachloroethylene	ND		5.0	0.34	ug/L			12/20/19 17:25	1
trans-1,2-Dichloroethylene	ND		5.0	0.59	ug/L			12/20/19 17:25	1
Trichloroethylene	6.0		5.0	0.60	ug/L			12/20/19 17:25	1
Vinyl chloride	1.3	J	5.0	0.75	ug/L			12/20/19 17:25	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	101		68 - 130					12/20/19 17:25	1
4-Bromofluorobenzene (Surr)	101		76 - 123					12/20/19 17:25	1
Dibromofluoromethane (Surr)	99		75 - 123					12/20/19 17:25	1
Toluene-d8 (Surr)	87		77 - 120					12/20/19 17:25	1

Client Sample ID: RW - 2 COMPOSITE

Lab Sample ID: 480-164475-14

Date Collected: 12/18/19 09:35

Matrix: Water

Date Received: 12/19/19 16:30

Method: 624.1 - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.95	J	5.0	0.39	ug/L			12/20/19 17:49	1
1,1-Dichloroethane	1.3	J	5.0	0.59	ug/L			12/20/19 17:49	1
1,1-Dichloroethylene	ND		5.0	0.85	ug/L			12/20/19 17:49	1
cis-1,2-Dichloroethylene	7.2		5.0	0.57	ug/L			12/20/19 17:49	1
Tetrachloroethylene	ND		5.0	0.34	ug/L			12/20/19 17:49	1
trans-1,2-Dichloroethylene	ND		5.0	0.59	ug/L			12/20/19 17:49	1
Trichloroethylene	1.5	J	5.0	0.60	ug/L			12/20/19 17:49	1
Vinyl chloride	3.0	J	5.0	0.75	ug/L			12/20/19 17:49	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	103		68 - 130					12/20/19 17:49	1
4-Bromofluorobenzene (Surr)	103		76 - 123					12/20/19 17:49	1
Dibromofluoromethane (Surr)	102		75 - 123					12/20/19 17:49	1
Toluene-d8 (Surr)	87		77 - 120					12/20/19 17:49	1

Client Sample ID: RW - 3 COMPOSITE

Lab Sample ID: 480-164475-15

Date Collected: 12/18/19 09:35

Matrix: Water

Date Received: 12/19/19 16:30

Method: 624.1 - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.0	0.39	ug/L			12/20/19 18:13	1
1,1-Dichloroethane	ND		5.0	0.59	ug/L			12/20/19 18:13	1
1,1-Dichloroethylene	ND		5.0	0.85	ug/L			12/20/19 18:13	1
cis-1,2-Dichloroethylene	20		5.0	0.57	ug/L			12/20/19 18:13	1
Tetrachloroethylene	0.58	J	5.0	0.34	ug/L			12/20/19 18:13	1
trans-1,2-Dichloroethylene	ND		5.0	0.59	ug/L			12/20/19 18:13	1
Trichloroethylene	ND		5.0	0.60	ug/L			12/20/19 18:13	1
Vinyl chloride	4.5	J	5.0	0.75	ug/L			12/20/19 18:13	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: O'Brien & Gere Inc of North America
Project/Site: Forest Glen Discharge Analysis

Job ID: 480-164475-1

Client Sample ID: RW - 3 COMPOSITE

Lab Sample ID: 480-164475-15

Date Collected: 12/18/19 09:35

Matrix: Water

Date Received: 12/19/19 16:30

<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)	97		68 - 130		12/20/19 18:13	1
4-Bromofluorobenzene (Surr)	102		76 - 123		12/20/19 18:13	1
Dibromofluoromethane (Surr)	98		75 - 123		12/20/19 18:13	1
Toluene-d8 (Surr)	86		77 - 120		12/20/19 18:13	1

Surrogate Summary

Client: O'Brien & Gere Inc of North America
Project/Site: Forest Glen Discharge Analysis

Job ID: 480-164475-1

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)
480-164475-13	RW - 1 COMPOSITE	101	101	99	87
480-164475-14	RW - 2 COMPOSITE	103	103	102	87
480-164475-15	RW - 3 COMPOSITE	97	102	98	86
LCS 480-511023/5	Lab Control Sample	103	103	102	87
MB 480-511023/7	Method Blank	100	102	98	88

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 Discharge Analysis

Job ID: 480-164475-1

Method: 624.1 - Volatile Organic Compounds (GC/MS)

Lab Sample ID: MB 480-511023/7

Matrix: Water

Analysis Batch: 511023

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			12/20/19 10:53	1
1,1-Dichloroethane	ND		5.0	0.59	ug/L			12/20/19 10:53	1
1,1-Dichloroethylene	ND		5.0	0.85	ug/L			12/20/19 10:53	1
cis-1,2-Dichloroethylene	ND		5.0	0.57	ug/L			12/20/19 10:53	1
Tetrachloroethylene	ND		5.0	0.34	ug/L			12/20/19 10:53	1
trans-1,2-Dichloroethylene	ND		5.0	0.59	ug/L			12/20/19 10:53	1
Trichloroethylene	ND		5.0	0.60	ug/L			12/20/19 10:53	1
Vinyl chloride	ND		5.0	0.75	ug/L			12/20/19 10:53	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	100		68 - 130		12/20/19 10:53	1
4-Bromofluorobenzene (Surr)	102		76 - 123		12/20/19 10:53	1
Dibromofluoromethane (Surr)	98		75 - 123		12/20/19 10:53	1
Toluene-d8 (Surr)	88		77 - 120		12/20/19 10:53	1

Lab Sample ID: LCS 480-511023/5

Matrix: Water

Analysis Batch: 511023

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	24.3		ug/L		121	52 - 162
1,1-Dichloroethane	20.0	21.6		ug/L		108	59 - 155
1,1-Dichloroethylene	20.0	22.6		ug/L		113	1 - 234
Tetrachloroethylene	20.0	20.0		ug/L		100	64 - 148
trans-1,2-Dichloroethylene	20.0	22.4		ug/L		112	54 - 156
Trichloroethylene	20.0	22.6		ug/L		113	71 - 157
Vinyl chloride	20.0	20.5		ug/L		103	1 - 251

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	103		68 - 130
4-Bromofluorobenzene (Surr)	103		76 - 123
Dibromofluoromethane (Surr)	102		75 - 123
Toluene-d8 (Surr)	87		77 - 120

QC Association Summary

Client: O'Brien & Gere Inc of North America
Project/Site: Forest Glen Discharge Analysis

Job ID: 480-164475-1

GC/MS VOA

Analysis Batch: 511023

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-164475-13	RW - 1 COMPOSITE	Total/NA	Water	624.1	
480-164475-14	RW - 2 COMPOSITE	Total/NA	Water	624.1	
480-164475-15	RW - 3 COMPOSITE	Total/NA	Water	624.1	
MB 480-511023/7	Method Blank	Total/NA	Water	624.1	
LCS 480-511023/5	Lab Control Sample	Total/NA	Water	624.1	

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14
- 15

Lab Chronicle

Client: O'Brien & Gere Inc of North America
Project/Site: Forest Glen Discharge Analysis

Job ID: 480-164475-1

Client Sample ID: RW - 1 COMPOSITE

Lab Sample ID: 480-164475-13

Date Collected: 12/18/19 09:35

Matrix: Water

Date Received: 12/19/19 16:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	624.1		1	511023	12/20/19 17:25	S1V	TAL BUF

Client Sample ID: RW - 2 COMPOSITE

Lab Sample ID: 480-164475-14

Date Collected: 12/18/19 09:35

Matrix: Water

Date Received: 12/19/19 16:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	624.1		1	511023	12/20/19 17:49	S1V	TAL BUF

Client Sample ID: RW - 3 COMPOSITE

Lab Sample ID: 480-164475-15

Date Collected: 12/18/19 09:35

Matrix: Water

Date Received: 12/19/19 16:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	624.1		1	511023	12/20/19 18:13	S1V	TAL BUF

Laboratory References:

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

Accreditation/Certification Summary

Client: O'Brien & Gere Inc of North America
Project/Site: Forest Glen Discharge Analysis

Job ID: 480-164475-1

Laboratory: Eurofins TestAmerica, Buffalo

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

Authority	Program	Identification Number	Expiration Date
New York	NELAP	10026	03-31-20

1

2

3

4

5

6

7

8

9

10

11

12

13

14

15

Method Summary

Client: O'Brien & Gere Inc of North America
Project/Site: Forest Glen Discharge Analysis

Job ID: 480-164475-1

Method	Method Description	Protocol	Laboratory
624.1	Volatile Organic Compounds (GC/MS)	40CFR136A	TAL BUF

Protocol References:

40CFR136A = "Methods for Organic Chemical Analysis of Municipal Industrial Wastewater", 40CFR, Part 136, Appendix A, October 26, 1984 and subsequent revisions.

Laboratory References:

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



Sample Summary

Client: O'Brien & Gere Inc of North America
Project/Site: Forest Glen Discharge Analysis

Job ID: 480-164475-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Asset ID
480-164475-13	RW - 1 COMPOSITE	Water	12/18/19 09:35	12/19/19 16:30	
480-164475-14	RW - 2 COMPOSITE	Water	12/18/19 09:35	12/19/19 16:30	
480-164475-15	RW - 3 COMPOSITE	Water	12/18/19 09:35	12/19/19 16:30	

1

2

3

4

5

6

7

8

9

10

11

12

13

14

15

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

Chain of Custody Record



Environment Testing
 TestAmerica

Client Information		Sample: <i>MARTIN KOENIGKE</i>		Lab PM: Schove, John R		Carrier Tracking No(s):		COC No: 480-139246-14318.1	
Contact: Yuri Veliz		Phone: 315-729-1300		E-Mail: john.schove@testamericainc.com				Page 1 of 1	
Company: Iren & Gere Inc of North America		Address: West Washington St. PO BOX 4873		City: Syracuse		State: NY		Zip: 13221	
Phone: 5-956-6100(Tel) 315-463-7554(Fax)		PO #: 91802246		WO #:		Project #: 48002806		SSON#:	
E-Mail: yveliz@obg.com		Due Date Requested:		TAT Requested (days):		Analysis Requested:		Preservation Codes: 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, L - EDTA, Z - other (specify)	
Project Name: West Glen Discharge Analysis		Field Filtered Sample (Yes or No) <input checked="" type="checkbox"/>		Perform MS/MSD (Yes or No) <input checked="" type="checkbox"/>		624.1, PREC - Volatile Organic Compounds		Special Instructions/Note: TO BE COMPOSED BY LABS	
Sample Identification		Sample Date		Sample Time		Sample Type (C=Comp, G=grab)		Matrix (W=water, S=solid, O=soil, BT=TISSUE, A=AIR)	
RW-1 12/17/19		12-17-19		11:45		G		Water	
RW-2 12/17/19		12-17-19		11:45		G		Water	
RW-3 12/17/19		12-17-19		11:45		G		Water	
RW-1 12/17/19		12-17-19		15:00		G		W	
RW-2 12/17/19		12-17-19		15:00		G		W	
RW-3 12/17/19		12-17-19		15:00		G		W	
RW-1 12/18/19		12-18-19		7:20		G		W	
RW-2 12/18/19		12-18-19		7:20		G		W	
RW-3 12/18/19		12-18-19		7:20		G		W	
RW-1 12/18/19		12-18-19		9:35		G		W	
RW-2 12/18/19		12-18-19		9:35		G		W	
RW-3 12/18/19		12-18-19		9:35		G		W	
Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)		Return To Client <input type="checkbox"/>		Disposal By Lab <input type="checkbox"/>		Archive For _____ Months		Special Instructions/QC Requirements:	
Kit Relinquished by:		Date: 12-19-19		Time: 16:30		Company: OBG		Received by: <i>Ewa...</i>	
Washed by: <i>Marta Koenigke</i>		Date/Time: 12-19-19		Time: 16:30		Company: OBG		Received by: <i>Ewa...</i>	
Washed by: <i>Marta Koenigke</i>		Date/Time: 12-19-19		Time: 16:30		Company: OBG		Received by: <i>Ewa...</i>	
Custody Seal No.:		12242019		Custody Seal Intact: Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>		Cooler Temperature(s) °C and Other Remarks: 2.8 #11R		Company: OBG	



Login Sample Receipt Checklist

Client: O'Brien & Gere Inc of North America

Job Number: 480-164475-1

Login Number: 164475

List Source: Eurofins TestAmerica, Buffalo

List Number: 1

Creator: Manhardt, Kara 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	OB&G
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 May 31, 2020)

Date June 8, 2020

Dear Mr. Paradise:

This quarterly monitoring report for the period between March 1, 2020 and May 31, 2020 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).

During the quarter between March 1, 2020 and May 31, 2020, a total of 2,801,117 gallons of groundwater were recovered and discharged to the sanitary sewer for treatment at the Niagara Falls publicly owned treatment works (POTW), and in accordance with SIU Permit No. 61 Goodyear conducted self-monitoring of the flow. The monitoring included collection of four separate grab samples from March 16 to March 17, 2020 from recovery wells RW-1, RW-2 and RW-3.

The four grab samples collected from the recovery wells were delivered to Test America, Inc. 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 Test America laboratory report is provided in the attached Self-Monitoring Report.

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 19, 2020 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
PROJECT MANAGER

D 315-956-6836
M 315-575-0729
james.cavotta@ramboll.com



**NIAGARA FALLS WATER BOARD
WASTEWATER FACILITIES
ENFORCEMENT DIVISION**

**SELF-MONITORING REPORT
SIGNIFICANT INDUSTRIAL USERS**

PERMIT NO. 61

QUARTER May 31, 2020

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. Lawrence
Title: Senior Manager, Global Remediation
Date: May 11, 2020

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: → 3/16/20						
24-HOUR FLOW IN MGD *						0.040
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	1.8	51	18	0.0089	15.76	0.006
BROMOFORM						
ETHYLBENZENE						
1,1,2,2 – TETRACHLOROETHANE						
TETRACHLOROETHYLENE	5.0 U	5.0 U	5.0 U	0	0.052	0.00001
TOLUENE						
1,1,1 – TRICHLOROETHANE	5.0 U	1.1 J	5.0 U	0.0002	0.513	0.0002
1,1,2 – TRICHLOROETHANE						
TRICHLOROETHYLENE	5.0 U	7.3	5.0 U	0.0011	1.908	0.001
METHYLENE CHLORIDE						
MONOCHLOROTOLUENES						
MONOCHLOROBENZOTRIFLUOROIDE						
VINYL CHLORIDE	5.0 U	6.3	3.5 J	0.0012	4.376	0.001
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: → 3/16/20						
24-HOUR FLOW IN MGD						0.040
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: → 3/16/20						
24-HOUR FLOW IN MGD *						0.040
1,2,4 – TRICHLOROBENZENE						
1,2 – DICHLOROETHANE						
1,1,1 – TRICHLOROETHANE	5.0 U	1.1 J	5.0 U	0.0002	0.513	0.0002
HEXACHLOROETHANE						
1,1 – DICHLOROETHANE	5.0 U	2.4 J	5.0 U	0.0003	1.392	0.0004
1,1,2 – TRICHLOROETHANE						
CHLOROETHANE						
1,2 – DICHLOROBENZENE						
1,3 – DICHLOROBENZENE						
1,4 – DICHLOROBENZENE						
1,1 DICHLOROETHYLENE	5.0 U	5.0 U	5.0 U	0	0	0
1,2 – TRANS-DICHLOROETHYLENE						
1,3 – DICHLOROPROPYLENE						
METHYL CHLORIDE						
NITROBENZENE						
2 – NITROPHENOL						
4 – NITROPHENOL						
4,6 DINITRO-O-CRESOL						
BIS [2 – ETHYHEXYL] PHTHALATE						
ANTHRACENE						
DIETHYL PHTHALATE						
FLUORENE						

PART I

ANALYTICAL RESULTS

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: → 3/16/20						
24-HOUR FLOW IN MGD *						0.040
1,2 - DICHLOROPROPANE						
VINYL CHLORIDE	5.0 U	6.3	3.5 J	0.0012	4.376	0.001
ACENAPHTHENE						
BENZENE						
CARBON TETRACHLORIDE						
CHLOROBENZENE						
HEXACHLOROBENZENE						
CHLOROFORM						
ETHYLBENZENE						
FLUORANTHENE						
METHYLENE CHLORIDE						
HEXACHLOROBUTADIEN						
NAPHTHALENE						
DI - N - BUTHYL PHTHALATE						
DIMETHYL PHTHALATE						
PHENANTHRENE						
PYRENE						
TRACHLOROETHYLENE						
TOLUENE						
TRICHLOROETHYLENE	5.0 U	7.3	5.0 U	0.0011	1.908	0.001
TOTAL CYANIDE						
TOTAL LEAD						
TOTAL ZINC						

PART I

ANALYTICAL RESULTS

SIU PERMIT NAME: The Goodyear Tire & Rubber Company

SIU PERMIT NO.: 61

SAMPLE LOCATION: Forest Glen Site

	RESULTS		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: → 3/16/20						
24-HOUR FLOW IN MGD						0.040
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: _____

PERMIT NO.: 61

NO PERMIT VIOLATIONS

VIOLATION PARAMETER	DATE	FLOW [MGD]	SAMPLE POINT LOCATION	ACTUAL* DISCHARGE	PERMIT LIMIT	TYPE** LIMIT VIOLATED

NOTE:
 * - Actual discharge – list actual analytical results and appropriate units.
 ** - Type Limit Violated – List Type:
 A.A. = Annual Average
 D.M. = Daily Maximum
 L.L. = Local Limits (Regulation 1960.5)

QUARTERLY SELF-MONITORING SUMMARY
GROUNDWATER RECOVERY SYSTEM EFFLUENT

FOREST GLEN SUPERFUND SITE
NIAGARA FALLS, NEW YORK

Analyte	3/16/2020	RW-1 volume 13,824 gallons		RW-2 volume 17,424 gallons		RW-3 volume 8,496 gallons		Total volume 39,744 gallons	
		Contribution to loading to POTW	3/16/2020	Contribution to loading to POTW	3/16/2020	Contribution to loading to POTW	3/16/2020	Total loading to POTW	3/16/2020
1,1,1-trichloroethane	5 U	0 lbs/day	1.1 J	0.0002 lbs/day	5 U	0 lbs/day	0.0002 lbs/day	5 U	0.0002 lbs/day
1,1-dichloroethane	5 U	0 lbs/day	2.4 J	0.0003 lbs/day	5 U	0 lbs/day	0.0003 lbs/day	5 U	0.0003 lbs/day
1,1-dichloroethylene	5 U	0 lbs/day	5 U	0 lbs/day	5 U	0 lbs/day	0 lbs/day	5 U	0 lbs/day
cis-1,2-dichloroethylene	1.8 J	0.0002 lbs/day	51.0	0.0074 lbs/day	18	0.0013 lbs/day	0.0089 lbs/day	18	0.0089 lbs/day
tetrachloroethylene	5 U	0 lbs/day	5 U	0 lbs/day	5 U	0 lbs/day	0 lbs/day	5 U	0 lbs/day
trans-1,2-dichloroethylene	5 U	0 lbs/day	5 U	0 lbs/day	5 U	0 lbs/day	0 lbs/day	5 U	0 lbs/day
trichloroethylene	5 U	0 lbs/day	7.3	0.0011 lbs/day	5 U	0 lbs/day	0.0011 lbs/day	5 U	0.0011 lbs/day
vinyl chloride	5 U	0 lbs/day	6.3	0.0009 lbs/day	3.5 J	0.0002 lbs/day	0.0012 lbs/day	3.5 J	0.0012 lbs/day

Notes

1. Concentrations reported in units of ug/l
2. U - undetected, with detection limit identified
3. J - estimated value

	6/20/2019	9/24/2019	12/18/2019	3/16/2020	Average
Analyte	ug/l	ug/l	ug/l	ug/l	ug/l
1,1,1-trichloroethane	0	0.6476	0.9220	0.4822	0.513
1,1-dichloroethane	1.6113	1.7021	1.2010	1.0522	1.392
1,1-dichloroethylene	0	0	0	0	0.000
cis-1,2-dichloroethylene	23.4716	18.4923	11.8195	26.8326	20.154
tetrachloroethylene	0	0.1171	0.0895	0.0000	0.052
trans-1,2-dichloroethylene	0	0	0	0	0.000
trichloroethylene	1.3681	0.2705	2.7936	3.2004	1.908
vinyl chloride	5.0950	6.2451	2.6554	3.5101	4.376

Analyte	lb/day	lb/day	lb/day	lb/day	lbs/day
1,1,1-trichloroethane	0	0.0002	0.0003	0.0002	0.0002
1,1-dichloroethane	0.0003	0.0006	0.0004	0.0003	0.0004
1,1-dichloroethylene	0	0	0	0	0.000
cis-1,2-dichloroethylene	0.004	0.0061	0.0042	0.0089	0.006
tetrachloroethylene	0	0	0.00003	0	0.000
trans-1,2-dichloroethylene	0	0	0	0	0.000
trichloroethylene	0.0002	0.0001	0.001	0.0011	0.001
vinyl chloride	0.0009	0.002	0.001	0.0012	0.001

ANALYTICAL REPORT

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

Laboratory Job ID: 480-167579-1
Client Project/Site: Forest Glen Discharge Analysis

For:

O'Brien & Gere Inc of North America
333 West Washington St.
PO BOX 4873
East Syracuse, New York 13221

Attn: Mr. David J Carnevale



Authorized for release by:
3/24/2020 10:33:11 AM

Alexander Gilbert, Project Management Assistant I
alexander.gilbert@testamericainc.com

Designee for

John Schove, Project Manager II
(716)504-9838
john.schove@testamericainc.com

LINKS

Review your project
results through
TotalAccess

Have a Question?



Visit us at:
www.testamericainc.com

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

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

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



Table of Contents

Cover Page	1
Table of Contents	2
Definitions/Glossary	3
Case Narrative	4
Detection Summary	5
Client Sample Results	6
Surrogate Summary	8
QC Sample Results	9
QC Association Summary	10
Lab Chronicle	11
Certification Summary	12
Method Summary	13
Sample Summary	14
Chain of Custody	15
Receipt Checklists	17

Definitions/Glossary

Client: O'Brien & Gere Inc of North America
Project/Site: Forest Glen Discharge Analysis

Job ID: 480-167579-1

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.
▫	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
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)
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
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)

Case Narrative

Client: O'Brien & Gere Inc of North America
Project/Site: Forest Glen Discharge Analysis

Job ID: 480-167579-1

Job ID: 480-167579-1

Laboratory: Eurofins TestAmerica, Buffalo

Narrative

**Job Narrative
480-167579-1**

Comments

No additional comments.

Receipt

The samples were received on 3/18/2020 5:05 PM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 3.2° C.

GC/MS VOA

Method 624.1: The following Volatile sample(s) were composited by the laboratory on 03-20-2020 as requested by the client: RW-1 LAB COMP (480-167579-4), RW-2 LAB COMP (480-167579-8) and RW-3 LAB COMP (480-167579-12). Regulatory defined guidance for in-laboratory compositing of samples, is currently not available. Laboratory sample compositing was performed using established project specifications and/or laboratory standard operating procedures.

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

Detection Summary

Client: O'Brien & Gere Inc of North America
Project/Site: Forest Glen Discharge Analysis

Job ID: 480-167579-1

Client Sample ID: RW-1 LAB COMP

Lab Sample ID: 480-167579-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethylene	1.8	J	5.0	0.57	ug/L	1		624.1	Total/NA

Client Sample ID: RW-2 LAB COMP

Lab Sample ID: 480-167579-8

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	2.4	J	5.0	0.59	ug/L	1		624.1	Total/NA
cis-1,2-Dichloroethylene	51		5.0	0.57	ug/L	1		624.1	Total/NA
Trichloroethylene	7.3		5.0	0.60	ug/L	1		624.1	Total/NA
Vinyl chloride	6.3		5.0	0.75	ug/L	1		624.1	Total/NA

Client Sample ID: RW-3 LAB COMP

Lab Sample ID: 480-167579-12

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethylene	18		5.0	0.57	ug/L	1		624.1	Total/NA
Vinyl chloride	3.5	J	5.0	0.75	ug/L	1		624.1	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: O'Brien & Gere Inc of North America
Project/Site: Forest Glen Discharge Analysis

Job ID: 480-167579-1

Client Sample ID: RW-1 LAB COMP

Lab Sample ID: 480-167579-4

Date Collected: 03/16/20 14:20

Matrix: Water

Date Received: 03/17/20 17:05

Method: 624.1 - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.0	0.39	ug/L			03/20/20 13:29	1
1,1-Dichloroethane	ND		5.0	0.59	ug/L			03/20/20 13:29	1
1,1-Dichloroethylene	ND		5.0	0.85	ug/L			03/20/20 13:29	1
cis-1,2-Dichloroethylene	1.8	J	5.0	0.57	ug/L			03/20/20 13:29	1
Tetrachloroethylene	ND		5.0	0.34	ug/L			03/20/20 13:29	1
trans-1,2-Dichloroethylene	ND		5.0	0.59	ug/L			03/20/20 13:29	1
Trichloroethylene	ND		5.0	0.60	ug/L			03/20/20 13:29	1
Vinyl chloride	ND		5.0	0.75	ug/L			03/20/20 13:29	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	96		68 - 130					03/20/20 13:29	1
4-Bromofluorobenzene (Surr)	108		76 - 123					03/20/20 13:29	1
Dibromofluoromethane (Surr)	97		75 - 123					03/20/20 13:29	1
Toluene-d8 (Surr)	97		77 - 120					03/20/20 13:29	1

Client Sample ID: RW-2 LAB COMP

Lab Sample ID: 480-167579-8

Date Collected: 03/16/20 16:00

Matrix: Water

Date Received: 03/17/20 17:05

Method: 624.1 - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.1	J	5.0	0.39	ug/L			03/20/20 13:52	1
1,1-Dichloroethane	2.4	J	5.0	0.59	ug/L			03/20/20 13:52	1
1,1-Dichloroethylene	ND		5.0	0.85	ug/L			03/20/20 13:52	1
cis-1,2-Dichloroethylene	51		5.0	0.57	ug/L			03/20/20 13:52	1
Tetrachloroethylene	ND		5.0	0.34	ug/L			03/20/20 13:52	1
trans-1,2-Dichloroethylene	ND		5.0	0.59	ug/L			03/20/20 13:52	1
Trichloroethylene	7.3		5.0	0.60	ug/L			03/20/20 13:52	1
Vinyl chloride	6.3		5.0	0.75	ug/L			03/20/20 13:52	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	93		68 - 130					03/20/20 13:52	1
4-Bromofluorobenzene (Surr)	109		76 - 123					03/20/20 13:52	1
Dibromofluoromethane (Surr)	96		75 - 123					03/20/20 13:52	1
Toluene-d8 (Surr)	97		77 - 120					03/20/20 13:52	1

Client Sample ID: RW-3 LAB COMP

Lab Sample ID: 480-167579-12

Date Collected: 03/17/20 06:50

Matrix: Water

Date Received: 03/17/20 17:05

Method: 624.1 - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.0	0.39	ug/L			03/20/20 14:16	1
1,1-Dichloroethane	ND		5.0	0.59	ug/L			03/20/20 14:16	1
1,1-Dichloroethylene	ND		5.0	0.85	ug/L			03/20/20 14:16	1
cis-1,2-Dichloroethylene	18		5.0	0.57	ug/L			03/20/20 14:16	1
Tetrachloroethylene	ND		5.0	0.34	ug/L			03/20/20 14:16	1
trans-1,2-Dichloroethylene	ND		5.0	0.59	ug/L			03/20/20 14:16	1
Trichloroethylene	ND		5.0	0.60	ug/L			03/20/20 14:16	1
Vinyl chloride	3.5	J	5.0	0.75	ug/L			03/20/20 14:16	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: O'Brien & Gere Inc of North America
Project/Site: Forest Glen Discharge Analysis

Job ID: 480-167579-1

Client Sample ID: RW-3 LAB COMP

Lab Sample ID: 480-167579-12

Date Collected: 03/17/20 06:50

Matrix: Water

Date Received: 03/17/20 17:05

<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)	96		68 - 130		03/20/20 14:16	1
4-Bromofluorobenzene (Surr)	106		76 - 123		03/20/20 14:16	1
Dibromofluoromethane (Surr)	96		75 - 123		03/20/20 14:16	1
Toluene-d8 (Surr)	95		77 - 120		03/20/20 14:16	1

Surrogate Summary

Client: O'Brien & Gere Inc of North America
Project/Site: Forest Glen Discharge Analysis

Job ID: 480-167579-1

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	BFB	DBFM	TOL
		(68-130)	(76-123)	(75-123)	(77-120)
480-167579-4	RW-1 LAB COMP	96	108	97	97
480-167579-8	RW-2 LAB COMP	93	109	96	97
480-167579-12	RW-3 LAB COMP	96	106	96	95
LCS 480-522352/5	Lab Control Sample	91	109	96	97
MB 480-522352/7	Method Blank	92	109	95	96

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 Discharge Analysis

Job ID: 480-167579-1

Method: 624.1 - Volatile Organic Compounds (GC/MS)

Lab Sample ID: MB 480-522352/7

Matrix: Water

Analysis Batch: 522352

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.0	0.39	ug/L			03/20/20 12:23	1
1,1-Dichloroethane	ND		5.0	0.59	ug/L			03/20/20 12:23	1
1,1-Dichloroethylene	ND		5.0	0.85	ug/L			03/20/20 12:23	1
cis-1,2-Dichloroethylene	ND		5.0	0.57	ug/L			03/20/20 12:23	1
Tetrachloroethylene	ND		5.0	0.34	ug/L			03/20/20 12:23	1
trans-1,2-Dichloroethylene	ND		5.0	0.59	ug/L			03/20/20 12:23	1
Trichloroethylene	ND		5.0	0.60	ug/L			03/20/20 12:23	1
Vinyl chloride	ND		5.0	0.75	ug/L			03/20/20 12:23	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	92		68 - 130		03/20/20 12:23	1
4-Bromofluorobenzene (Surr)	109		76 - 123		03/20/20 12:23	1
Dibromofluoromethane (Surr)	95		75 - 123		03/20/20 12:23	1
Toluene-d8 (Surr)	96		77 - 120		03/20/20 12:23	1

Lab Sample ID: LCS 480-522352/5

Matrix: Water

Analysis Batch: 522352

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	18.0		ug/L		90	52 - 162
1,1-Dichloroethane	20.0	18.1		ug/L		91	59 - 155
1,1-Dichloroethylene	20.0	18.0		ug/L		90	1 - 234
Tetrachloroethylene	20.0	17.8		ug/L		89	64 - 148
trans-1,2-Dichloroethylene	20.0	17.9		ug/L		90	54 - 156
Trichloroethylene	20.0	18.3		ug/L		91	71 - 157
Vinyl chloride	20.0	18.6		ug/L		93	1 - 251

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	91		68 - 130
4-Bromofluorobenzene (Surr)	109		76 - 123
Dibromofluoromethane (Surr)	96		75 - 123
Toluene-d8 (Surr)	97		77 - 120

QC Association Summary

Client: O'Brien & Gere Inc of North America
Project/Site: Forest Glen Discharge Analysis

Job ID: 480-167579-1

GC/MS VOA

Analysis Batch: 522352

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-167579-4	RW-1 LAB COMP	Total/NA	Water	624.1	
480-167579-8	RW-2 LAB COMP	Total/NA	Water	624.1	
480-167579-12	RW-3 LAB COMP	Total/NA	Water	624.1	
MB 480-522352/7	Method Blank	Total/NA	Water	624.1	
LCS 480-522352/5	Lab Control Sample	Total/NA	Water	624.1	

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14
- 15

Lab Chronicle

Client: O'Brien & Gere Inc of North America
Project/Site: Forest Glen Discharge Analysis

Job ID: 480-167579-1

Client Sample ID: RW-1 LAB COMP

Date Collected: 03/16/20 14:20

Date Received: 03/17/20 17:05

Lab Sample ID: 480-167579-4

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	624.1		1	522352	03/20/20 13:29	WJD	TAL BUF

Client Sample ID: RW-2 LAB COMP

Date Collected: 03/16/20 16:00

Date Received: 03/17/20 17:05

Lab Sample ID: 480-167579-8

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	624.1		1	522352	03/20/20 13:52	WJD	TAL BUF

Client Sample ID: RW-3 LAB COMP

Date Collected: 03/17/20 06:50

Date Received: 03/17/20 17:05

Lab Sample ID: 480-167579-12

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	624.1		1	522352	03/20/20 14:16	WJD	TAL BUF

Laboratory References:

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

Accreditation/Certification Summary

Client: O'Brien & Gere Inc of North America
Project/Site: Forest Glen Discharge Analysis

Job ID: 480-167579-1

Laboratory: Eurofins TestAmerica, Buffalo

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

Authority	Program	Identification Number	Expiration Date
New York	NELAP	10026	04-01-20

1

2

3

4

5

6

7

8

9

10

11

12

13

14

15

Method Summary

Client: O'Brien & Gere Inc of North America
Project/Site: Forest Glen Discharge Analysis

Job ID: 480-167579-1

Method	Method Description	Protocol	Laboratory
624.1	Volatile Organic Compounds (GC/MS)	40CFR136A	TAL BUF

Protocol References:

40CFR136A = "Methods for Organic Chemical Analysis of Municipal Industrial Wastewater", 40CFR, Part 136, Appendix A, October 26, 1984 and subsequent revisions.

Laboratory References:

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



Sample Summary

Client: O'Brien & Gere Inc of North America
Project/Site: Forest Glen Discharge Analysis

Job ID: 480-167579-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Asset ID
480-167579-4	RW-1 LAB COMP	Water	03/16/20 14:20	03/17/20 17:05	
480-167579-8	RW-2 LAB COMP	Water	03/16/20 16:00	03/17/20 17:05	
480-167579-12	RW-3 LAB COMP	Water	03/17/20 06:50	03/17/20 17:05	

1

2

3

4

5

6

7

8

9

10

11

12

13

14

15

Chain of Custody Record

Client Information		Company: O'Brien & Gere Inc of North America		Lab PM: Schove, John R		Carrier Tracking No(s): 480-143741-14318.1	
Client Contact: Mr. Yuri Veliz		Address: 333 West Washington St. PO BOX 4873		E-Mail: john.schove@testamericainc.com		COC No: 480-143741-14318.1	
City: East Syracuse		City: East Syracuse		Phone: 315-956-6100(Tel) 315-463-7554(Fax)		Page: 1	
State, Zip: NY, 13221		State, Zip: NY, 13221		PO #: 91802246		Barcode: 480-167579 Chain of Custody	
Email: Yuri.Veliz@obg.com		Email: Yuri.Veliz@obg.com		WO #: 48002806		i Codes: M - Hexane N - None O - AsNaO2 P - Na2O4S R - Na2SO3 S - HZSO4 T - TSP Dodecahydrate U - Acetone V - MCAA W - pH 4.5 Z - other (specify)	
Project Name: Forest Glen Discharge Analysis		Project #: 48002806		Due Date Requested:		E - NaHSO4 F - MeOH G - Amchlor H - Ascorbic Acid I - Ice J - DI Water K - EDTA L - EDA Other:	
Site:		SSOW#:		TAT Requested (days):		Total Number of containers: <i>To Be Composed By LABS</i>	
Sample Identification		Sample Date		Sample Time		Sample Type (C=Comp, G=grab)	
RW-1 031620		3-16-20		14:20		W	
RW-2 031620		3-16-20		14:20		W	
RW-3 031620		3-16-20		14:20		W	
RW-1 031620		3-16-20		16:00		W	
RW-2 031620		3-16-20		16:00		W	
RW-3 031620		3-16-20		16:00		W	
Matrix (W=water, S=solid, O=oil, BT=Trace, A=Air)		Preservation Code:		Field Filtered Sample (Yes or No)		Perform MS/MSD (Yes or No)	
Water		A		X		X	
Water		A		3		3	
Water		A		3		3	
W		A		3		3	
W		A		3		3	
W		A		3		3	
Special Instructions/Note:		Special Instructions/Note:		Special Instructions/Note:		Special Instructions/Note:	
Possible Hazard Identification		Non-Hazard <input type="checkbox"/>		Flammable <input type="checkbox"/>		Skin Irritant <input type="checkbox"/>	
Deliverable Requested: I, II, III, IV, Other (specify)		Poison B <input type="checkbox"/>		Unknown <input type="checkbox"/>		Radiological <input type="checkbox"/>	
Empty Kit Relinquished by:		Date:		Time:		Method of Shipment:	
Relinquished by: <i>Yuri Veliz</i>		3-17-20/1705		3/17/20 1705		Company: <i>OBG</i>	
Relinquished by:		Date/Time:		Date/Time:		Company:	
Relinquished by:		Date/Time:		Date/Time:		Company:	
Custody Seals Intact: <input type="checkbox"/> Yes <input type="checkbox"/> No		Custody Seal No.:		Cooler Temperature (°C) and Other Remarks:		Company: <i>OBG</i>	



Chain of Custody Record

Client Information		Lab PM: <u>Desya Melissca L. Schove John R</u>		IOC No: <u>480-59672-15576.1</u>	
Client Contact: Mr. Yuri Veliz		E-Mail: <u>yveliz@testamericainc.com</u>		Page: <u>1 of 1</u>	
Company: O'Brien & Gere Inc of North America		Phone: <u>315-729-1300</u>		Job #:	
Address: 333 West Washington St. PO BOX 4873		Due Date Requested:		Carrier Tracking No(s):	
City: East Syracuse		TAT Requested (days):		Analysis Requested	
State, Zip: NY, 13221		PO #: <u>4494464EST</u>		Perform MS/MSD (Yes or No)	
Phone: 315-956-6100(Tel) 315-463-7554(Fax)		WO #: <u>9180246</u>		Field Filtered Sample (Yes or No)	
Email: Yuri.Veliz@obg.com		Project #: <u>48002806</u>		Matrix	
Forest Glen Monitoring <u>DISCHARGE ANALYSIS</u>		SSOW#:		Sample Type (C=comp, G=grab)	
Site:		Sample Date		Sample Time	
Sample Identification		Sample Date		Sample Time	
RW-1 031720		3-17-20		6:50	
RW-2 031720		3-17-20		6:50	
RW-3 031720		3-17-20		6:50	
RW-1 031720		3-17-20		11:25	
RW-2 031720		3-17-20		11:25	
RW-3 031720		3-17-20		11:25	
Possible Hazard Identification		Preservation Code:		Matrix	
<input type="checkbox"/> Non-Hazard <input type="checkbox"/> Flammable <input type="checkbox"/> Skin Irritant <input type="checkbox"/> Poison B <input type="checkbox"/> Unknown <input type="checkbox"/> Radiological		Water		Water	
Deliverable Requested: I, II, III, IV, Other (specify)		Sample Date		Sample Time	
Empty Kit Relinquished by:		Date:		Date:	
Relinquished by: <u>Martha Kowalski</u>		3-17-20/17:05		Company: <u>OBG</u>	
Relinquished by:		Date/Time:		Date/Time:	
Relinquished by:		Date/Time:		Date/Time:	
Custody Seals Intact: <input type="checkbox"/> Yes <input type="checkbox"/> No		Custody Seal No.:		Cooler Temperature(s) °C and Other Remarks:	
Special Instructions/Note:		Total Number of Containers:		Special Instructions/Note:	
To Be Completed BY LABS					



Login Sample Receipt Checklist

Client: O'Brien & Gere Inc of North America

Job Number: 480-167579-1

Login Number: 167579

List Source: Eurofins TestAmerica, Buffalo

List Number: 1

Creator: Stopa, Erik S

Question	Answer	Comment
Radioactivity either was not measured or, if measured, is at or below background	True	
The cooler's custody seal, if present, is intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time (Excluding tests with immediate HTs)..	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	True	
If necessary, staff have been informed of any short hold time or quick TAT needs	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Sampling Company provided.	True	OBG
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 August 31, 2020)

Date September 10, 2020

Dear Mr. Paradise:

This quarterly monitoring report for the period between June 1, 2020 and August 31, 2020 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).

During the quarter between June 1, 2020 and August 31, 2020, a total of 2,933,736 gallons of groundwater were recovered and discharged to the sanitary sewer for treatment at the Niagara Falls publicly owned treatment works (POTW), and in accordance with SIU Permit No. 61 Goodyear conducted self-monitoring of the flow. The monitoring included collection of four separate grab samples from June 15 to June 16, 2020 from recovery wells RW-1, RW-2 and RW-3.

The four grab samples collected from the recovery wells were delivered to Test America, Inc. in Amherst, NY where they were composited and analyzed for

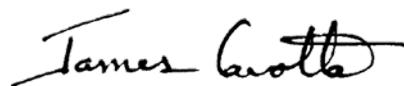
volatile organic compounds (VOCs) including vinyl chloride, 1,1-dichloroethylene, 1,2-dichloroethylene (cis and trans), 1,1-dichloroethane, trichloroethylene, tetrachloroethylene and 1,1,1-trichloroethane using USEPA method 624. The results of the analyses are summarized in the attached Self-Monitoring Report, which presents the concentration for each well based on the composite samples. The Test America laboratory report is provided in the attached Self-Monitoring Report.

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 16, 2020 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
PROJECT MANAGER-1
657-E&H PM RESOURCES

D 315-956-6836
M 315-575-0729
james.cavotta@ramboll.com



**NIAGARA FALLS WATER BOARD
WASTEWATER FACILITIES
ENFORCEMENT DIVISION**

**SELF-MONITORING REPORT
SIGNIFICANT INDUSTRIAL USERS**

PERMIT NO. 61

QUARTER August 31, 2020

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:

JULY 27, 2020

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: → 6/16/20						
24-HOUR FLOW IN MGD *						0.030
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	56	15	37	0.0082	22.201	0.007
BROMOFORM						
ETHYLBENZENE						
1,1,2,2 – TETRACHLOROETHANE						
TETRACHLOROETHYLENE	5.0 U	5.0 U	1.0 J	0.0001	0.111	0.00003
TOLUENE						
1,1,1 – TRICHLOROETHANE	2.5 J	0.5 J	5.0 U	0.0002	0.748	0.0002
1,1,2 – TRICHLOROETHANE						
TRICHLOROETHYLENE	0.61 J	1.2 J	0.96 J	0.0003	1.811	0.001
METHYLENE CHLORIDE						
MONOCHLOROTOLUENES						
MONOCHLOROBENZOTRIFLUOROIDE						
VINYL CHLORIDE	13	5.0 J	4.7 J	0.0019	4.893	0.002
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: → 6/16/20						
24-HOUR FLOW IN MGD						0.030
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: → 6/16/20						
24-HOUR FLOW IN MGD *						0.030
1,2,4 – TRICHLOROENZENE						
1,2 – DICHLOROETHANE						
1,1,1 – TRICHLOROETHANE	2.5 J	0.5 J	5.0 U	0.0002	0.748	0.0002
HEXACHLOROETHANE						
1,1 – DICHLOROETHANE	4.7 J	1.6 J	5.0 U	0.0005	1.510	0.0005
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: → 6/16/20						
24-HOUR FLOW IN MGD *						0.030
1,2 - DICHLOROPROPANE						
VINYL CHLORIDE	13	5.0 J	4.7 J	0.0019	4.893	0.002
ACENAPHTHENE						
BENZENE						
CARBON TETRACHLORIDE						
CHLOROBENZENE						
HEXACHLOROBENZENE						
CHLOROFORM						
ETHYLBENZENE						
FLUORANTHENE						
METHYLENE CHLORIDE						
HEXACHLOROBUTADIEN						
NAPHTHALENE						
DI - N - BUTHYL PHTHALATE						
DIMETHYL PHTHALATE						
PHENANTHRENE						
PYRENE						
TRACHLOROETHYLENE						
TOLUENE						
TRICHLOROETHYLENE	0.61 J	1.2 J	0.96 J	0.0003	1.811	0.001
TOTAL CYANIDE						
TOTAL LEAD						
TOTAL ZINC						

PART I

ANALYTICAL RESULTS

SIU PERMIT NAME: The Goodyear Tire & Rubber Company

SIU PERMIT NO.: 61

SAMPLE LOCATION: Forest Glen Site

	RESULTS		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: → 6/16/20						
24-HOUR FLOW IN MGD						0.030
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: _____

PERMIT NO.: 61

NO PERMIT VIOLATIONS

VIOLATION PARAMETER	DATE	FLOW [MGD]	SAMPLE POINT LOCATION	ACTUAL* DISCHARGE	PERMIT LIMIT	TYPE** LIMIT VIOLATED

NOTE:

- * - Actual discharge – list actual analytical results and appropriate units.
- ** - Type Limit Violated – List Type:
 - A.A. = Annual Average
 - D.M. = Daily Maximum
 - L.L. = Local Limits (Regulation 1960.5)

QUARTERLY SELF-MONITORING SUMMARY
GROUNDWATER RECOVERY SYSTEM EFFLUENT

FOREST GLEN SUPERFUND SITE
NIAGARA FALLS, NEW YORK

Analyte	RW-1 volume 8,640 gallons		RW-2 volume 14,976 gallons		RW-3 volume 7,344 gallons		Total volume 30,960 gallons	
	6/16/2020	Contribution to loading to POTW	6/16/2020	Contribution to loading to POTW	6/16/2020	Contribution to loading to POTW	Total loading to POTW	
1,1,1-trichloroethane	2.5 J	0.0002 lbs/day	0.5 J	0.0001 lbs/day	5 U	0 lbs/day	0.0002 lbs/day	
1,1-dichloroethane	4.7 J	0.0003 lbs/day	1.6 J	0.0002 lbs/day	5 U	0 lbs/day	0.0005 lbs/day	
1,1-dichloroethylene	5 U	0 lbs/day	5 U	0 lbs/day	5 U	0 lbs/day	0 lbs/day	
cis-1,2-dichloroethylene	56	0.004 lbs/day	15.0	0.0019 lbs/day	37	0.0023 lbs/day	0.0082 lbs/day	
tetrachloroethylene	5 U	0 lbs/day	5 U	0 lbs/day	1.0 J	0.0001 lbs/day	0.0001 lbs/day	
trans-1,2-dichloroethylene	5 U	0 lbs/day	5 U	0 lbs/day	5 U	0 lbs/day	0 lbs/day	
trichloroethylene	0.61 J	0.00004 lbs/day	1.2 J	0.0001 lbs/day	0.96 J	0.0001 lbs/day	0.0003 lbs/day	
vinyl chloride	13	0.0009 lbs/day	5.0 J	0.0006 lbs/day	4.7 J	0.0003 lbs/day	0.0019 lbs/day	

Notes

1. Concentrations reported in units of ug/l
2. U - undetected, with detection limit identified
3. J - estimated value

	9/24/2019	12/18/2019	3/16/2020	6/16/2020	Average
Analyte	ug/l	ug/l	ug/l	ug/l	ug/l
1,1,1-trichloroethane	0.6476	0.9220	0.4822	0.9395	0.748
1,1-dichloroethane	1.7021	1.2010	1.0522	2.0856	1.510
1,1-dichloroethylene	0	0	0	0	0.000
cis-1,2-dichloroethylene	18.4923	11.8195	26.8326	31.6605	22.201
tetrachloroethylene	0.1171	0.0895	0.0000	0.2372	0.111
trans-1,2-dichloroethylene	0	0	0	0	0.000
trichloroethylene	0.2705	2.7936	3.2004	0.9784	1.811
vinyl chloride	6.2451	2.6554	3.5101	7.1614	4.893

Analyte	lb/day	lb/day	lb/day	lb/day	lbs/day
1,1,1-trichloroethane	0.0002	0.0003	0.0002	0.0002	0.0002
1,1-dichloroethane	0.0006	0.0004	0.0003	0.0005	0.0005
1,1-dichloroethylene	0	0	0	0	0.000
cis-1,2-dichloroethylene	0.0061	0.0042	0.0089	0.0082	0.007
tetrachloroethylene	0	0.00003	0	0.0001	0.00003
trans-1,2-dichloroethylene	0	0	0	0	0.000
trichloroethylene	0.0001	0.001	0.0011	0.0003	0.001
vinyl chloride	0.002	0.001	0.0012	0.0019	0.002

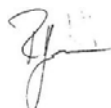
ANALYTICAL REPORT

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

Laboratory Job ID: 480-171358-1
Client Project/Site: Forest Glen Discharge Analysis
Sampling Event: Discharge Analysis

For:
O'Brien & Gere Inc of North America
333 West Washington St.
PO BOX 4873
East Syracuse, New York 13221

Attn: Mr. David J Carnevale



Authorized for release by:
6/22/2020 11:00:19 AM
Rebecca Jones, Project Management Assistant I
rebecca.jones@testamericainc.com
Designee for
John Schove, Project Manager II
(716)504-9838
john.schove@testamericainc.com

LINKS

Review your project
results through
TotalAccess

Have a Question?



Visit us at:
www.eurofinsus.com/Env

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

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

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



Table of Contents

Cover Page	1
Table of Contents	2
Definitions/Glossary	3
Case Narrative	4
Detection Summary	5
Client Sample Results	6
Surrogate Summary	8
QC Sample Results	9
QC Association Summary	10
Lab Chronicle	11
Certification Summary	12
Method Summary	13
Sample Summary	14
Chain of Custody	15
Receipt Checklists	16

Definitions/Glossary

Client: O'Brien & Gere Inc of North America
Project/Site: Forest Glen Discharge Analysis

Job ID: 480-171358-1

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 Discharge Analysis

Job ID: 480-171358-1

Job ID: 480-171358-1

Laboratory: Eurofins TestAmerica, Buffalo

Narrative

Job Narrative
480-171358-1

Comments

No additional comments.

Receipt

The samples were received on 6/16/2020 4:45 PM; the samples arrived in good condition, and where required, properly preserved and on ice. The temperature of the cooler at receipt was 13.0° C.

GC/MS VOA

Method 624.1: The following Volatile samples were composited by the laboratory on 6/18-2020 as requested by the client: RW-1 Composite (480-171358-1), RW-2 Composite (480-171358-2) and RW-3 Composite (480-171358-3). 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: O'Brien & Gere Inc of North America
Project/Site: Forest Glen Discharge Analysis

Job ID: 480-171358-1

Client Sample ID: RW-1 Composite

Lab Sample ID: 480-171358-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1,1-Trichloroethane	2.5	J	5.0	0.39	ug/L	1		624.1	Total/NA
1,1-Dichloroethane	4.7	J	5.0	0.59	ug/L	1		624.1	Total/NA
cis-1,2-Dichloroethylene	56		5.0	0.57	ug/L	1		624.1	Total/NA
Trichloroethylene	0.61	J	5.0	0.60	ug/L	1		624.1	Total/NA
Vinyl chloride	13		5.0	0.75	ug/L	1		624.1	Total/NA

Client Sample ID: RW-2 Composite

Lab Sample ID: 480-171358-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1,1-Trichloroethane	0.50	J	5.0	0.39	ug/L	1		624.1	Total/NA
1,1-Dichloroethane	1.6	J	5.0	0.59	ug/L	1		624.1	Total/NA
cis-1,2-Dichloroethylene	15		5.0	0.57	ug/L	1		624.1	Total/NA
Trichloroethylene	1.2	J	5.0	0.60	ug/L	1		624.1	Total/NA
Vinyl chloride	5.0		5.0	0.75	ug/L	1		624.1	Total/NA

Client Sample ID: RW-3 Composite

Lab Sample ID: 480-171358-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethylene	37		5.0	0.57	ug/L	1		624.1	Total/NA
Tetrachloroethylene	1.0	J	5.0	0.34	ug/L	1		624.1	Total/NA
Trichloroethylene	0.96	J	5.0	0.60	ug/L	1		624.1	Total/NA
Vinyl chloride	4.7	J	5.0	0.75	ug/L	1		624.1	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: O'Brien & Gere Inc of North America
 Project/Site: Forest Glen Discharge Analysis

Job ID: 480-171358-1

Client Sample ID: RW-1 Composite

Lab Sample ID: 480-171358-1

Date Collected: 06/16/20 10:15

Matrix: Wastewater

Date Received: 06/16/20 16:45

Method: 624.1 - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	2.5	J	5.0	0.39	ug/L			06/18/20 20:13	1
1,1-Dichloroethane	4.7	J	5.0	0.59	ug/L			06/18/20 20:13	1
1,1-Dichloroethylene	ND		5.0	0.85	ug/L			06/18/20 20:13	1
cis-1,2-Dichloroethylene	56		5.0	0.57	ug/L			06/18/20 20:13	1
Tetrachloroethylene	ND		5.0	0.34	ug/L			06/18/20 20:13	1
trans-1,2-Dichloroethylene	ND		5.0	0.59	ug/L			06/18/20 20:13	1
Trichloroethylene	0.61	J	5.0	0.60	ug/L			06/18/20 20:13	1
Vinyl chloride	13		5.0	0.75	ug/L			06/18/20 20:13	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	105		68 - 130					06/18/20 20:13	1
4-Bromofluorobenzene (Surr)	101		76 - 123					06/18/20 20:13	1
Dibromofluoromethane (Surr)	111		75 - 123					06/18/20 20:13	1
Toluene-d8 (Surr)	99		77 - 120					06/18/20 20:13	1

Client Sample ID: RW-2 Composite

Lab Sample ID: 480-171358-2

Date Collected: 06/16/20 10:15

Matrix: Wastewater

Date Received: 06/16/20 16:45

Method: 624.1 - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.50	J	5.0	0.39	ug/L			06/18/20 20:37	1
1,1-Dichloroethane	1.6	J	5.0	0.59	ug/L			06/18/20 20:37	1
1,1-Dichloroethylene	ND		5.0	0.85	ug/L			06/18/20 20:37	1
cis-1,2-Dichloroethylene	15		5.0	0.57	ug/L			06/18/20 20:37	1
Tetrachloroethylene	ND		5.0	0.34	ug/L			06/18/20 20:37	1
trans-1,2-Dichloroethylene	ND		5.0	0.59	ug/L			06/18/20 20:37	1
Trichloroethylene	1.2	J	5.0	0.60	ug/L			06/18/20 20:37	1
Vinyl chloride	5.0		5.0	0.75	ug/L			06/18/20 20:37	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	102		68 - 130					06/18/20 20:37	1
4-Bromofluorobenzene (Surr)	104		76 - 123					06/18/20 20:37	1
Dibromofluoromethane (Surr)	108		75 - 123					06/18/20 20:37	1
Toluene-d8 (Surr)	97		77 - 120					06/18/20 20:37	1

Client Sample ID: RW-3 Composite

Lab Sample ID: 480-171358-3

Date Collected: 06/16/20 10:15

Matrix: Wastewater

Date Received: 06/16/20 16:45

Method: 624.1 - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.0	0.39	ug/L			06/18/20 21:01	1
1,1-Dichloroethane	ND		5.0	0.59	ug/L			06/18/20 21:01	1
1,1-Dichloroethylene	ND		5.0	0.85	ug/L			06/18/20 21:01	1
cis-1,2-Dichloroethylene	37		5.0	0.57	ug/L			06/18/20 21:01	1
Tetrachloroethylene	1.0	J	5.0	0.34	ug/L			06/18/20 21:01	1
trans-1,2-Dichloroethylene	ND		5.0	0.59	ug/L			06/18/20 21:01	1
Trichloroethylene	0.96	J	5.0	0.60	ug/L			06/18/20 21:01	1
Vinyl chloride	4.7	J	5.0	0.75	ug/L			06/18/20 21:01	1

Client Sample Results

Client: O'Brien & Gere Inc of North America
Project/Site: Forest Glen Discharge Analysis

Job ID: 480-171358-1

Client Sample ID: RW-3 Composite

Lab Sample ID: 480-171358-3

Date Collected: 06/16/20 10:15

Matrix: Wastewater

Date Received: 06/16/20 16:45

<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		68 - 130		06/18/20 21:01	1
4-Bromofluorobenzene (Surr)	98		76 - 123		06/18/20 21:01	1
Dibromofluoromethane (Surr)	102		75 - 123		06/18/20 21:01	1
Toluene-d8 (Surr)	95		77 - 120		06/18/20 21:01	1

Surrogate Summary

Client: O'Brien & Gere Inc of North America
Project/Site: Forest Glen Discharge Analysis

Job ID: 480-171358-1

Method: 624.1 - Volatile Organic Compounds (GC/MS)

Matrix: Wastewater

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)
480-171358-1	RW-1 Composite	105	101	111	99
480-171358-2	RW-2 Composite	102	104	108	97
480-171358-3	RW-3 Composite	99	98	102	95

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

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)			
		DCA (68-130)	BFB (76-123)	DBFM (75-123)	TOL (77-120)
LCS 480-536836/5	Lab Control Sample	97	103	109	98
MB 480-536836/8	Method Blank	101	102	106	97

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 Discharge Analysis

Job ID: 480-171358-1

Method: 624.1 - Volatile Organic Compounds (GC/MS)

Lab Sample ID: MB 480-536836/8

Matrix: Water

Analysis Batch: 536836

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
1,1,1-Trichloroethane	ND		5.0	0.39	ug/L			06/18/20 12:53	1
1,1-Dichloroethane	ND		5.0	0.59	ug/L			06/18/20 12:53	1
1,1-Dichloroethylene	ND		5.0	0.85	ug/L			06/18/20 12:53	1
cis-1,2-Dichloroethylene	ND		5.0	0.57	ug/L			06/18/20 12:53	1
Tetrachloroethylene	ND		5.0	0.34	ug/L			06/18/20 12:53	1
trans-1,2-Dichloroethylene	ND		5.0	0.59	ug/L			06/18/20 12:53	1
Trichloroethylene	ND		5.0	0.60	ug/L			06/18/20 12:53	1
Vinyl chloride	ND		5.0	0.75	ug/L			06/18/20 12:53	1

Surrogate	MB	MB	Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
1,2-Dichloroethane-d4 (Surr)	101		68 - 130		06/18/20 12:53	1
4-Bromofluorobenzene (Surr)	102		76 - 123		06/18/20 12:53	1
Dibromofluoromethane (Surr)	106		75 - 123		06/18/20 12:53	1
Toluene-d8 (Surr)	97		77 - 120		06/18/20 12:53	1

Lab Sample ID: LCS 480-536836/5

Matrix: Water

Analysis Batch: 536836

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS	LCS	Unit	D	%Rec	%Rec.
		Result	Qualifier				Limits
1,1,1-Trichloroethane	20.0	20.1		ug/L		101	52 - 162
1,1-Dichloroethane	20.0	22.0		ug/L		110	59 - 155
1,1-Dichloroethylene	20.0	23.0		ug/L		115	1 - 234
Tetrachloroethylene	20.0	21.3		ug/L		107	64 - 148
trans-1,2-Dichloroethylene	20.0	22.6		ug/L		113	54 - 156
Trichloroethylene	20.0	20.7		ug/L		103	71 - 157
Vinyl chloride	20.0	20.9		ug/L		104	1 - 251

Surrogate	LCS	LCS	Limits
	%Recovery	Qualifier	
1,2-Dichloroethane-d4 (Surr)	97		68 - 130
4-Bromofluorobenzene (Surr)	103		76 - 123
Dibromofluoromethane (Surr)	109		75 - 123
Toluene-d8 (Surr)	98		77 - 120

QC Association Summary

Client: O'Brien & Gere Inc of North America
Project/Site: Forest Glen Discharge Analysis

Job ID: 480-171358-1

GC/MS VOA

Analysis Batch: 536836

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-171358-1	RW-1 Composite	Total/NA	Wastewater	624.1	
480-171358-2	RW-2 Composite	Total/NA	Wastewater	624.1	
480-171358-3	RW-3 Composite	Total/NA	Wastewater	624.1	
MB 480-536836/8	Method Blank	Total/NA	Water	624.1	
LCS 480-536836/5	Lab Control Sample	Total/NA	Water	624.1	

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14
- 15

Lab Chronicle

Client: O'Brien & Gere Inc of North America
Project/Site: Forest Glen Discharge Analysis

Job ID: 480-171358-1

Client Sample ID: RW-1 Composite

Date Collected: 06/16/20 10:15

Date Received: 06/16/20 16:45

Lab Sample ID: 480-171358-1

Matrix: Wastewater

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	624.1		1	536836	06/18/20 20:13	RJF	TAL BUF

Client Sample ID: RW-2 Composite

Date Collected: 06/16/20 10:15

Date Received: 06/16/20 16:45

Lab Sample ID: 480-171358-2

Matrix: Wastewater

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	624.1		1	536836	06/18/20 20:37	RJF	TAL BUF

Client Sample ID: RW-3 Composite

Date Collected: 06/16/20 10:15

Date Received: 06/16/20 16:45

Lab Sample ID: 480-171358-3

Matrix: Wastewater

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	624.1		1	536836	06/18/20 21:01	RJF	TAL BUF

Laboratory References:

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



Accreditation/Certification Summary

Client: O'Brien & Gere Inc of North America
Project/Site: Forest Glen Discharge Analysis

Job ID: 480-171358-1

Laboratory: Eurofins TestAmerica, Buffalo

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

Authority	Program	Identification Number	Expiration Date
New York	NELAP	10026	04-02-21

1

2

3

4

5

6

7

8

9

10

11

12

13

14

15

Method Summary

Client: O'Brien & Gere Inc of North America
Project/Site: Forest Glen Discharge Analysis

Job ID: 480-171358-1

Method	Method Description	Protocol	Laboratory
624.1	Volatile Organic Compounds (GC/MS)	40CFR136A	TAL BUF

Protocol References:

40CFR136A = "Methods for Organic Chemical Analysis of Municipal Industrial Wastewater", 40CFR, Part 136, Appendix A, October 26, 1984 and subsequent revisions.

Laboratory References:

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



Sample Summary

Client: O'Brien & Gere Inc of North America
Project/Site: Forest Glen Discharge Analysis

Job ID: 480-171358-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Asset ID
480-171358-1	RW-1 Composite	Wastewater	06/16/20 10:15	06/16/20 16:45	
480-171358-2	RW-2 Composite	Wastewater	06/16/20 10:15	06/16/20 16:45	
480-171358-3	RW-3 Composite	Wastewater	06/16/20 10:15	06/16/20 16:45	

1

2

3

4

5

6

7

8

9

10

11

12

13

14

15

Chain of Custody Record

Client Information Client Contact: Mr. Yuri Veliz 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@ramboll.com Project Name: Forest Glen Discharge Analysis Site: New York		Lab PM: Schove, John R E-Mail: john.schove@testamericainc.com		Carrier Tracking No(s): COC No: 480-147000-14318.1 Page: Page 1 of 1 Job #: _____	
Due Date Requested: TAT Requested (days): PO #: 91802246 WO #: Project #: 48002806 SSOV#:		Analysis Requested Total Number of Containers: _____			
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) 624.1, PREC - VOCs - Custom List A		Preservation Codes: A - HCL B - NaOH C - Zn Acetate D - Nitric Acid E - NaHSO4 F - MeOH G - Amchlor H - Ascorbic Acid I - Ice J - DI Water K - EDTA L - EDA Other: M - Hexane N - None O - AsNaO2 P - Na2O4S Q - Na2SO3 R - Na2S2O3 S - H2SO4 T - TSP Dodecahydrate U - Acetone V - MCAA W - pH 4-5 Z - other (specify)			
RW-1 061520 RW-2 061520 RW-3 061520 RW-1 061520 RW-2 061520 RW-3 061520 RW-1 061620 RW-2 061620 RW-3 061620 RW-1 061620 RW-2 061620 RW-3 061620 RW-1 061620 RW-2 061620 RW-3 061620		6-15-20 11:50 Water 3 6-15-20 11:50 Water 3 6-15-20 11:50 Water 3 6-15-20 14:40 W 3 6-15-20 14:40 W 3 6-15-20 14:40 W 3 6-16-20 7:40 W 3 6-16-20 7:40 W 3 6-16-20 7:40 W 3 6-16-20 10:15 W 3 6-16-20 10:15 W 3 6-16-20 11:15 W 3			
Possible Hazard Identification <input type="checkbox"/> Non-Hazard <input type="checkbox"/> Flammable <input type="checkbox"/> Skin Irritant <input type="checkbox"/> Poison B <input type="checkbox"/> Unknown <input type="checkbox"/> Radiological Deliverable Requested: I, II, III, IV, Other (specify)		Sample Disposal (A fee may be assessed if samples are retained longer than 1 month) <input type="checkbox"/> Return To Client <input type="checkbox"/> Disposal By Lab <input type="checkbox"/> Archive For _____ Months Special Instructions/QC Requirements:			
Empty Kit Relinquished by: Relinquished by: Relinquished by: Relinquished by:		Method of Shipment: Date/Time: 6-16-20 / 16:45 Date/Time: 6-16-20 / 16:45 Date/Time: _____ Date/Time: _____ Company: OBB Company: OBB Company: _____ Company: _____			
Custody Seals Intact: Δ Yes Δ No		Cooler Temperature(s) °C and Other Remarks: 13.0 #1 FCF			



Login Sample Receipt Checklist

Client: O'Brien & Gere Inc of North America

Job Number: 480-171358-1

Login Number: 171358

List Source: Eurofins TestAmerica, 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	Yes: Received same day of collection; chilling process has begun
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.	False	COMPOSITING PER CLIENT REQUEST
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 November 30, 2020)

December 9, 2020

Dear Mr. Paradise:

This quarterly monitoring report for the period between September 1, 2020 and November 30, 2020 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).

During the quarter between September 1, 2020 and November 30, 2020, a total of 3,011,004 gallons of groundwater were recovered and discharged to the sanitary sewer for treatment at the Niagara Falls publicly owned treatment works (POTW), and in accordance with SIU Permit No. 61 Goodyear conducted self-monitoring of the flow. The monitoring included collection of four separate grab samples from September 21 to September 22, 2020 from recovery wells RW-1, RW-2 and RW-3.

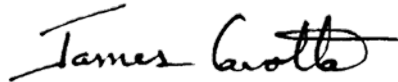
The four grab samples collected from the recovery wells were delivered to Test America, Inc. in Amherst, NY where they were composited and analyzed for volatile organic compounds (VOCs) including vinyl chloride, 1,1-dichloroethylene, 1,2-dichloroethylene (cis and trans), 1,1-dichloroethane, trichloroethylene, 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 Test America laboratory report is provided in the attached Self-Monitoring Report.

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 24, 2020 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
PROJECT MANAGER

D 315-956-6836
M 315-575-0729
james.cavotta@ramboll.com



**NIAGARA FALLS WATER BOARD
WASTEWATER FACILITIES
ENFORCEMENT DIVISION**

**SELF-MONITORING REPORT
SIGNIFICANT INDUSTRIAL USERS**

PERMIT NO. 61

QUARTER November 30, 2020

INDUSTRY NAME: The Goodyear Tire & Rubber Company

Pursuant to federal pretreatment reporting requirements and the Niagara Falls Water Board Regulations Part 1960, Significant Industrial Users shall submit periodic self-monitoring and compliance reports. Such reports shall be submitted using this form, according to the following schedule:

- Quarterly
 - 1st Quarter by February 28th
 - 2nd Quarter by May 31st
 - 3rd Quarter by August 31st
 - 4th Quarter by November 30th

- Semi-Annual
 - by February 28th
and
 - by August 31st

Each section of this report form shall be filled out for those parameters listed in Section "G" of the company's Wastewater Discharge Permit. The analysis results must be reported in both concentration and mass. In addition, the calculated annual average load (lbs/day) for each pollutant shall also be reported.

The samples shall be collected at the monitoring points identified in the user permit. Identification of those points in this report should be as listed on page two (2) of the User Permit.

SELF-MONITORING REPORT
Significant Industrial Users (SIUs)

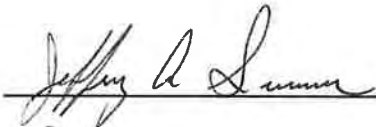
PAGE 2

PART II of the report is the Compliance Monitoring section. The user is obligated to determine if the analysis results indicates compliance. All violations noted should be brought to the Niagara Falls Water Board – Wastewater Facilities attention immediately upon noting and should also be reported in this section. The analysis result should be compared against all applicable federal, state and local standards and limitations. If no violations are noted then **"NO VIOLATIONS"** should appear on the report.

Pursuant to 40 CFR Part 403.12g of the Federal Standards, all violations noted must be followed up by a sample recollect/analysis and the results submitted to the Niagara Falls Water Board within thirty (30) days of first becoming aware of the violation.

Pursuant to 40 CFR Part 403.12g all Periodic Self-Monitoring Reports must be signed by a "responsible company official" certifying the following statement:

I, certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Signed: 
Title: SENIOR MANAGER, GLOBAL REMEDIATION
Date: NOVEMBER 10, 2020

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: → 9/22/20						
24-HOUR FLOW IN MGD *						0.031326
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	4.2 J	1.2 J	20	0.0017	19.109	0.006
BROMOFORM						
ETHYLBENZENE						
1,1,2,2 – TETRACHLOROETHANE						
TETRACHLOROETHYLENE	5.0 U	5.0 U	5.0 U	0	0.082	0.00003
TOLUENE						
1,1,1 – TRICHLOROETHANE	5.0 U	5.0 U	5.0 U	0	0.584	0.0002
1,1,2 – TRICHLOROETHANE						
TRICHLOROETHYLENE	5.0 U	5.0 U	5.0 U	0	1.744	0.001
METHYLENE CHLORIDE						
MONOCHLOROTOLUENES						
MONOCHLOROBENZOTRIFLUOROIDE						
VINYL CHLORIDE	2.2 J	5.0 J	4.0 J	0.0004	3.732	0.001
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: → 9/22/20						
24-HOUR FLOW IN MGD						0.031326
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: → 9/22/20						
24-HOUR FLOW IN MGD *						0.031326
1,2,4 – TRICHLOROBENZENE						
1,2 – DICHLOROETHANE						
1,1,1 – TRICHLOROETHANE	5.0 U	5.0 U	5.0 U	0	0.584	0.0002
HEXACHLOROETHANE						
1,1 – DICHLOROETHANE	1.5 J	5.0 U	5.0 U	0.0001	1.213	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: → 9/22/20						
24-HOUR FLOW IN MGD *						0.031326
1,2 - DICHLOROPROPANE						
VINYL CHLORIDE	2.2 J	5.0 J	4.0 J	0.0004	3.732	0.001
ACENAPHTHENE						
BENZENE						
CARBON TETRACHLORIDE						
CHLOROBENZENE						
HEXACHLOROBENZENE						
CHLOROFORM						
ETHYLBENZENE						
FLUORANTHENE						
METHYLENE CHLORIDE						
HEXACHLOROBUTADIEN						
NAPHTHALENE						
DI - N - BUTHYL PHTHALATE						
DIMETHYL PHTHALATE						
PHENANTHRENE						
PYRENE						
TRACHLOROETHYLENE						
TOLUENE						
TRICHLOROETHYLENE	5.0 U	5.0 U	5.0 U	0	1.744	0.001
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: → 9/22/20						
24-HOUR FLOW IN MGD						0.031326
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

VIOLATION PARAMETER	DATE	FLOW [MGD]	SAMPLE POINT LOCATION	ACTUAL* DISCHARGE	PERMIT LIMIT	TYPE** LIMIT VIOLATED

NOTE:

- * - Actual discharge – list actual analytical results and appropriate units.
- ** - Type Limit Violated – List Type:
- A.A. = Annual Average
- D.M. = Daily Maximum
- L.L. = Local Limits (Regulation 1960.5)

QUARTERLY SELF-MONITORING SUMMARY
GROUNDWATER RECOVERY SYSTEM EFFLUENT

FOREST GLEN SUPERFUND SITE
NIAGARA FALLS, NEW YORK

Analyte	9/22/2020	RW-1 volume 11,040 gallons		RW-2 volume 13,524 gallons		RW-3 volume 6,762 gallons		Total volume 31,326 gallons		
		Contribution to	9/22/2020	Contribution to loading	9/22/2020	Contribution to loading	9/22/2020	Contribution to loading	Total loading to	
1,1,1-trichloroethane	5 U	0 lbs/day	5 U	0 lbs/day	5 U	0 lbs/day	0 lbs/day	0 lbs/day	0.0000 ug/l	
1,1-dichloroethane	1.5 J	0.0001 lbs/day	5 U	0 lbs/day	5 U	0 lbs/day	0 lbs/day	0.0001 lbs/day	0.5286 ug/l	
1,1-dichloroethylene	5 U	0 lbs/day	5 U	0 lbs/day	5 U	0 lbs/day	0 lbs/day	0 lbs/day	0.0000 ug/l	
cis-1,2-dichloroethylene	4.2 J	0.0004 lbs/day	1.2 J	0.0001 lbs/day	20	0.0011 lbs/day	0.0017 lbs/day	0.0017 lbs/day	6.3154 ug/l	
tetrachloroethylene	5 U	0 lbs/day	5 U	0 lbs/day	5 U	0 lbs/day	0 lbs/day	0 lbs/day	0.0000 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 lbs/day	0.0000 ug/l	
trichloroethylene	5 U J	0 lbs/day	5 U	0 lbs/day	5 U	0 lbs/day	0 lbs/day	0 lbs/day	0.0000 ug/l	
vinyl chloride	2.2 J	0.0002 lbs/day	5 U	0 lbs/day	4.0 J	0.0002 lbs/day	0.0004 lbs/day	0.0004 lbs/day	1.6388 ug/l	

Notes

1. Concentrations reported in units of ug/l
2. U - undetected, with detection limit identified
3. J - estimated value

	12/18/2019	3/16/2020	6/16/2020	9/22/2020	Average
Analyte	ug/l	ug/l	ug/l	ug/l	ug/l
1,1,1-trichloroethane	0.9220	0.4822	0.9302	0	0.584
1,1-dichloroethane	1.2010	1.0522	2.0715	0.5286	1.213
1,1-dichloroethylene	0	0	0	0	0
cis-1,2-dichloroethylene	11.8195	26.8326	31.4700	6.3154	19.109
tetrachloroethylene	0.0895	0	0.2372	0	0.082
trans-1,2-dichloroethylene	0	0	0	0	0
trichloroethylene	2.7936	3.2004	0.9812	0	1.744
vinyl chloride	2.6554	3.5101	7.1242	1.6388	3.732

Analyte	lb/day	lb/day	lb/day	lb/day	lbs/day
1,1,1-trichloroethane	0.0003	0.0002	0.0002	0	0.0002
1,1-dichloroethane	0.0004	0.0003	0.0005	0.0001	0.0003
1,1-dichloroethylene	0	0	0	0	0
cis-1,2-dichloroethylene	0.0042	0.0089	0.0077	0.0017	0.006
tetrachloroethylene	0.00003	0	0.0001	0	0.00003
trans-1,2-dichloroethylene	0	0	0	0	0
trichloroethylene	0.001	0.0011	0.0002	0	0.001
vinyl chloride	0.001	0.0012	0.0017	0.0004	0.001

ANALYTICAL REPORT

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

Laboratory Job ID: 480-175483-1
Client Project/Site: Forest Glen Discharge Analysis
Sampling Event: Discharge Analysis

For:
O'Brien & Gere Inc of North America
333 West Washington St.
PO BOX 4873
East Syracuse, New York 13221

Attn: Mr. David J Carnevale



Authorized for release by:
9/28/2020 1:06:26 PM
Rebecca Jones, Project Management Assistant I
Rebecca.Jones@Eurofinset.com
Designee for
John Schove, Project Manager II
(716)504-9838
John.Schove@Eurofinset.com

LINKS

Review your project
results through
TotalAccess

Have a Question?



Visit us at:

www.eurofinsus.com/Env

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

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

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



Table of Contents

Cover Page	1
Table of Contents	2
Definitions/Glossary	3
Case Narrative	4
Detection Summary	5
Client Sample Results	6
Surrogate Summary	8
QC Sample Results	9
QC Association Summary	10
Lab Chronicle	11
Certification Summary	12
Method Summary	13
Sample Summary	14
Chain of Custody	15
Receipt Checklists	17

Definitions/Glossary

Client: O'Brien & Gere Inc of North America
Project/Site: Forest Glen Discharge Analysis

Job ID: 480-175483-1

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 Discharge Analysis

Job ID: 480-175483-1

Job ID: 480-175483-1

Laboratory: Eurofins TestAmerica, Buffalo

Narrative

**Job Narrative
480-175483-1**

Comments

No additional comments.

Receipt

The samples were received on 9/22/2020 4:50 PM; the samples arrived in good condition, and where required, properly preserved and on ice. The temperature of the cooler at receipt was 4.7° C.

GC/MS VOA

Method 624.1: The following Volatile samples were composited by the laboratory on 09-23-2020 as requested by the client: RW-1 Composite (480-175483-1), RW-2 Composite (480-175483-2) and RW-3 Composite (480-175483-3). 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: O'Brien & Gere Inc of North America
Project/Site: Forest Glen Discharge Analysis

Job ID: 480-175483-1

Client Sample ID: RW-1 Composite

Lab Sample ID: 480-175483-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	1.5	J	5.0	0.59	ug/L	1		624.1	Total/NA
cis-1,2-Dichloroethylene	4.2	J	5.0	0.57	ug/L	1		624.1	Total/NA
Vinyl chloride	2.2	J	5.0	0.75	ug/L	1		624.1	Total/NA

Client Sample ID: RW-2 Composite

Lab Sample ID: 480-175483-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethylene	1.2	J	5.0	0.57	ug/L	1		624.1	Total/NA

Client Sample ID: RW-3 Composite

Lab Sample ID: 480-175483-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethylene	20		5.0	0.57	ug/L	1		624.1	Total/NA
Vinyl chloride	4.0	J	5.0	0.75	ug/L	1		624.1	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: O'Brien & Gere Inc of North America
Project/Site: Forest Glen Discharge Analysis

Job ID: 480-175483-1

Client Sample ID: RW-1 Composite

Date Collected: 09/22/20 11:25

Date Received: 09/22/20 16:50

Lab Sample ID: 480-175483-1

Matrix: Wastewater

Method: 624.1 - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.0	0.39	ug/L			09/24/20 11:42	1
1,1-Dichloroethane	1.5	J	5.0	0.59	ug/L			09/24/20 11:42	1
1,1-Dichloroethylene	ND		5.0	0.85	ug/L			09/24/20 11:42	1
cis-1,2-Dichloroethylene	4.2	J	5.0	0.57	ug/L			09/24/20 11:42	1
Tetrachloroethylene	ND		5.0	0.34	ug/L			09/24/20 11:42	1
trans-1,2-Dichloroethylene	ND		5.0	0.59	ug/L			09/24/20 11:42	1
Trichloroethylene	ND		5.0	0.60	ug/L			09/24/20 11:42	1
Vinyl chloride	2.2	J	5.0	0.75	ug/L			09/24/20 11:42	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	93		68 - 130					09/24/20 11:42	1
4-Bromofluorobenzene (Surr)	99		76 - 123					09/24/20 11:42	1
Dibromofluoromethane (Surr)	103		75 - 123					09/24/20 11:42	1
Toluene-d8 (Surr)	99		77 - 120					09/24/20 11:42	1

Client Sample ID: RW-2 Composite

Date Collected: 09/22/20 11:25

Date Received: 09/22/20 16:50

Lab Sample ID: 480-175483-2

Matrix: Wastewater

Method: 624.1 - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.0	0.39	ug/L			09/24/20 12:06	1
1,1-Dichloroethane	ND		5.0	0.59	ug/L			09/24/20 12:06	1
1,1-Dichloroethylene	ND		5.0	0.85	ug/L			09/24/20 12:06	1
cis-1,2-Dichloroethylene	1.2	J	5.0	0.57	ug/L			09/24/20 12:06	1
Tetrachloroethylene	ND		5.0	0.34	ug/L			09/24/20 12:06	1
trans-1,2-Dichloroethylene	ND		5.0	0.59	ug/L			09/24/20 12:06	1
Trichloroethylene	ND		5.0	0.60	ug/L			09/24/20 12:06	1
Vinyl chloride	ND		5.0	0.75	ug/L			09/24/20 12:06	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	100		68 - 130					09/24/20 12:06	1
4-Bromofluorobenzene (Surr)	102		76 - 123					09/24/20 12:06	1
Dibromofluoromethane (Surr)	103		75 - 123					09/24/20 12:06	1
Toluene-d8 (Surr)	98		77 - 120					09/24/20 12:06	1

Client Sample ID: RW-3 Composite

Date Collected: 09/22/20 11:25

Date Received: 09/22/20 16:50

Lab Sample ID: 480-175483-3

Matrix: Wastewater

Method: 624.1 - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.0	0.39	ug/L			09/24/20 12:29	1
1,1-Dichloroethane	ND		5.0	0.59	ug/L			09/24/20 12:29	1
1,1-Dichloroethylene	ND		5.0	0.85	ug/L			09/24/20 12:29	1
cis-1,2-Dichloroethylene	20		5.0	0.57	ug/L			09/24/20 12:29	1
Tetrachloroethylene	ND		5.0	0.34	ug/L			09/24/20 12:29	1
trans-1,2-Dichloroethylene	ND		5.0	0.59	ug/L			09/24/20 12:29	1
Trichloroethylene	ND		5.0	0.60	ug/L			09/24/20 12:29	1
Vinyl chloride	4.0	J	5.0	0.75	ug/L			09/24/20 12:29	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: O'Brien & Gere Inc of North America
Project/Site: Forest Glen Discharge Analysis

Job ID: 480-175483-1

Client Sample ID: RW-3 Composite

Lab Sample ID: 480-175483-3

Date Collected: 09/22/20 11:25

Matrix: Wastewater

Date Received: 09/22/20 16:50

<u>Surrogate</u>	<u>%Recovery</u>	<u>Qualifier</u>	<u>Limits</u>	<u>Prepared</u>	<u>Analyzed</u>	<u>Dil Fac</u>
1,2-Dichloroethane-d4 (Surr)	99		68 - 130		09/24/20 12:29	1
4-Bromofluorobenzene (Surr)	99		76 - 123		09/24/20 12:29	1
Dibromofluoromethane (Surr)	104		75 - 123		09/24/20 12:29	1
Toluene-d8 (Surr)	97		77 - 120		09/24/20 12:29	1

Surrogate Summary

Client: O'Brien & Gere Inc of North America
Project/Site: Forest Glen Discharge Analysis

Job ID: 480-175483-1

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)
480-175483-1	RW-1 Composite	93	99	103	99
480-175483-2	RW-2 Composite	100	102	103	98
480-175483-3	RW-3 Composite	99	99	104	97

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 480-550978/6	Lab Control Sample	96	100	101	100
MB 480-550978/8	Method Blank	97	100	104	97

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 Discharge Analysis

Job ID: 480-175483-1

Method: 624.1 - Volatile Organic Compounds (GC/MS)

Lab Sample ID: MB 480-550978/8
Matrix: Water
Analysis Batch: 550978

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

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
1,1,1-Trichloroethane	ND		5.0	0.39	ug/L			09/24/20 11:06	1
1,1-Dichloroethane	ND		5.0	0.59	ug/L			09/24/20 11:06	1
1,1-Dichloroethylene	ND		5.0	0.85	ug/L			09/24/20 11:06	1
cis-1,2-Dichloroethylene	ND		5.0	0.57	ug/L			09/24/20 11:06	1
Tetrachloroethylene	ND		5.0	0.34	ug/L			09/24/20 11:06	1
trans-1,2-Dichloroethylene	ND		5.0	0.59	ug/L			09/24/20 11:06	1
Trichloroethylene	ND		5.0	0.60	ug/L			09/24/20 11:06	1
Vinyl chloride	ND		5.0	0.75	ug/L			09/24/20 11:06	1

Surrogate	MB	MB	Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
1,2-Dichloroethane-d4 (Surr)	97		68 - 130		09/24/20 11:06	1
4-Bromofluorobenzene (Surr)	100		76 - 123		09/24/20 11:06	1
Dibromofluoromethane (Surr)	104		75 - 123		09/24/20 11:06	1
Toluene-d8 (Surr)	97		77 - 120		09/24/20 11:06	1

Lab Sample ID: LCS 480-550978/6
Matrix: Water
Analysis Batch: 550978

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

Analyte	Spike Added	LCS	LCS	Unit	D	%Rec	%Rec. Limits
		Result	Qualifier				
1,1,1-Trichloroethane	20.0	20.3		ug/L		102	52 - 162
1,1-Dichloroethane	20.0	19.3		ug/L		96	59 - 155
1,1-Dichloroethylene	20.0	20.5		ug/L		103	1 - 234
Tetrachloroethylene	20.0	21.7		ug/L		109	64 - 148
trans-1,2-Dichloroethylene	20.0	20.1		ug/L		101	54 - 156
Trichloroethylene	20.0	20.2		ug/L		101	71 - 157
Vinyl chloride	20.0	21.2		ug/L		106	1 - 251

Surrogate	LCS	LCS	Limits
	%Recovery	Qualifier	
1,2-Dichloroethane-d4 (Surr)	96		68 - 130
4-Bromofluorobenzene (Surr)	100		76 - 123
Dibromofluoromethane (Surr)	101		75 - 123
Toluene-d8 (Surr)	100		77 - 120

QC Association Summary

Client: O'Brien & Gere Inc of North America
Project/Site: Forest Glen Discharge Analysis

Job ID: 480-175483-1

GC/MS VOA

Analysis Batch: 550978

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-175483-1	RW-1 Composite	Total/NA	Wastewater	624.1	
480-175483-2	RW-2 Composite	Total/NA	Wastewater	624.1	
480-175483-3	RW-3 Composite	Total/NA	Wastewater	624.1	
MB 480-550978/8	Method Blank	Total/NA	Water	624.1	
LCS 480-550978/6	Lab Control Sample	Total/NA	Water	624.1	

1

2

3

4

5

6

7

8

9

10

11

12

13

14

15

Lab Chronicle

Client: O'Brien & Gere Inc of North America
Project/Site: Forest Glen Discharge Analysis

Job ID: 480-175483-1

Client Sample ID: RW-1 Composite

Date Collected: 09/22/20 11:25

Date Received: 09/22/20 16:50

Lab Sample ID: 480-175483-1

Matrix: Wastewater

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	624.1		1	550978	09/24/20 11:42	WJD	TAL BUF

Client Sample ID: RW-2 Composite

Date Collected: 09/22/20 11:25

Date Received: 09/22/20 16:50

Lab Sample ID: 480-175483-2

Matrix: Wastewater

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	624.1		1	550978	09/24/20 12:06	WJD	TAL BUF

Client Sample ID: RW-3 Composite

Date Collected: 09/22/20 11:25

Date Received: 09/22/20 16:50

Lab Sample ID: 480-175483-3

Matrix: Wastewater

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	624.1		1	550978	09/24/20 12:29	WJD	TAL BUF

Laboratory References:

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

Accreditation/Certification Summary

Client: O'Brien & Gere Inc of North America
Project/Site: Forest Glen Discharge Analysis

Job ID: 480-175483-1

Laboratory: Eurofins TestAmerica, Buffalo

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

Authority	Program	Identification Number	Expiration Date
New York	NELAP	10026	04-01-21

1

2

3

4

5

6

7

8

9

10

11

12

13

14

15

Method Summary

Client: O'Brien & Gere Inc of North America
Project/Site: Forest Glen Discharge Analysis

Job ID: 480-175483-1

Method	Method Description	Protocol	Laboratory
624.1	Volatile Organic Compounds (GC/MS)	40CFR136A	TAL BUF

Protocol References:

40CFR136A = "Methods for Organic Chemical Analysis of Municipal Industrial Wastewater", 40CFR, Part 136, Appendix A, October 26, 1984 and subsequent revisions.

Laboratory References:

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



Sample Summary

Client: O'Brien & Gere Inc of North America
Project/Site: Forest Glen Discharge Analysis

Job ID: 480-175483-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Asset ID
480-175483-1	RW-1 Composite	Wastewater	09/22/20 11:25	09/22/20 16:50	
480-175483-2	RW-2 Composite	Wastewater	09/22/20 11:25	09/22/20 16:50	
480-175483-3	RW-3 Composite	Wastewater	09/22/20 11:25	09/22/20 16:50	

1

2

3

4

5

6

7

8

9

10

11

12

13

14

15

Client Information Client Contact: Mr. Yuri Veliz 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@ramboill.com Project Name: Forest Glen Discharge Analysis Site: New York		Lab PM: Schove, John R E-Mail: John.Schove@Eurofinset.com Carrier Tracking No(s): COC No: 480-150720-14318.1 Page: Page 1 of 2 Job #:	
Due Date Requested: TAT Requested (days): PO #: 91802246 WO #: Project #: 48002806 SSOW#:		Analysis Requested Total Number of Containers:	
Sample Identification RW-1 092120 RW-2 092120 RW-3 092120 RW1 092120 RW2 092120 RW3 092120		Preservation Codes: A - HCL B - NaOH C - Zn Acetate D - Nitric Acid E - NaHSO4 F - MeOH G - Amchlor H - Ascorbic Acid I - Ice J - DI Water K - EDTA L - EDA Other: M - Hexane N - None O - AsNaO2 P - Na2O4S Q - Na2SO3 R - Na2S2O3 S - H2SO4 T - TSP Dodecahydrate U - Acetone V - MCAA W - pH 4-5 Z - other (specify)	
Sample Date 9-21-20 9-21-20 9-21-20 9-21-20 9-21-20 9-21-20		Sample Time 12:30 12:30 12:30 15:25 15:25 15:25	
Sample Type (C=Comp, G=grab) G G G G G G		Matrix (W=water, S=solid, O=other, A=Air) Water Water Water W W W	
Field Filtered Sample (Yes or No) Perform MS/MSD (Yes or No) 624,1,PREC - VOCs - Custom List A 3 3 3 3 3 3		Special Instructions/Note: To Be Composted BY LABS 480-175483 Chain of Custody	
Possible Hazard Identification <input type="checkbox"/> Non-Hazard <input type="checkbox"/> Flammable <input type="checkbox"/> Skin Irritant <input type="checkbox"/> Poison B <input type="checkbox"/> Unknown <input type="checkbox"/> Radiological Deliverable Requested: I, II, III, IV, Other (specify)			
Empty Kit Relinquished by: Relinquished by: [Signature] Date: 9-22-20/16:50 Company: OBG			
Relinquished by: Date: 9-22-20/16:50 Company: OBG			
Relinquished by: Date: _____ Company: _____			
Custody Seals Intact: Δ Yes Δ No Custody Seal No.: 417 # ICE			



Client Information Client Contact: Mr. Yuri Veliz 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@ramboll.com Project Name: Forest Glen Discharge Analysis Site: New York		Sampler: <i>Martin Koehnake</i> Lab P/N: Schove, John R Phone: 315-729-1300 E-Mail: John.Schove@Eurofinset.com		Carrier Tracking No(s): COC No: 480-150973-14318.1 Page: 2 of 3 Job #:	
Due Date Requested: TAT Requested (days): PO #: 91802246 WO #: 48002806 Project #: 48002806 SSO#:		Analysis Requested			
Sample Identification RW-1 092220 RW-2 092220 RW-3 092220 RW1-092220 RW2092220 RW3 092220		Sample Date 9-22-20 9-22-20 9-22-20 9-22-20 9-22-20 9-22-20		Sample Time 7:00 7:00 7:00 11:25 11:25 11:25	
Sample Type (C=comp, G=grab) G G G G G G		Matrix (W=water, S=solid, G=granular, BT=Tissue, AS=Air) Water Water Water W W W		Preservation Code A B C D E F	
Field Filtered Sample (Yes or No) X X X X X X		Perform MS/MSD (Yes or No) X X X X X X		Total Number of Containers X X X X X X	
Special Instructions/Note: To Be composited BY LABS		Preservation Codes: A - HCL B - NaOH C - Zn Acetate D - Nitric Acid E - NaHSO4 F - MeOH G - Amchlor H - Ascorbic Acid I - Ice J - DI Water K - EDTA L - EDA M - Hexane N - None O - AsNaO2 P - Na2O4S Q - Na2SO3 R - Na2S2O3 S - H2SO4 T - TSP Dodecahydrate U - Acetone V - MCAA W - pH 4.5 X - EDTA Y - EDA Z - other (specify) Other:			
Possible Hazard Identification <input type="checkbox"/> Non-Hazard <input type="checkbox"/> Flammable <input type="checkbox"/> Skin Irritant <input type="checkbox"/> Poison B <input type="checkbox"/> Unknown <input type="checkbox"/> Radiological Deliverable Requested: I, II, III, IV, Other (specify)					
Sample Disposal (A fee may be assessed if samples are retained longer than 1 month) <input type="checkbox"/> Return To Client <input type="checkbox"/> Disposal By Lab <input type="checkbox"/> Archive For _____ Months					
Special Instructions/QC Requirements:					
Relinquished by: <i>Martin Koehnake</i> Relinquished by:		Date/Time: 9-22-20 / 16:50 Date/Time:		Company: OBG Company:	
Relinquished by:		Date/Time:		Company:	
Custody Seals intact: Δ Yes Δ No		Cooler Temperature(s) °C and Other Remarks: 41°F # ICE		Company:	

Login Sample Receipt Checklist

Client: O'Brien & Gere Inc of North America

Job Number: 480-175483-1

Login Number: 175483

List Source: Eurofins TestAmerica, Buffalo

List Number: 1

Creator: Sabuda, Brendan D

Question	Answer	Comment
Radioactivity either was not measured or, if measured, is at or below background	True	
The cooler's custody seal, if present, is intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	4.7 #1 ICE
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time (Excluding tests with immediate HTs)..	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	True	
If necessary, staff have been informed of any short hold time or quick TAT needs	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Sampling Company provided.	True	
Samples received within 48 hours of sampling.	True	
Samples requiring field filtration have been filtered in the field.	True	
Chlorine Residual checked.	True	



APPENDIX B

SIU DISCHARGE PERMIT 61



NIAGARA FALLS WATER BOARD

SIGNIFICANT INDUSTRIAL USER WASTEWATER DISCHARGE PERMIT

PERMIT NO. 61

In accordance with all terms and conditions of the
Niagara Falls Water Board Wastewater Regulations Part 1960
and also with all applicable provisions of Federal and State Law or regulation:

Permission is Hereby Granted To:

**THE GOODYEAR TIRE & RUBBER COMPANY,
AS AGENT FOR THE FOREST GLEN SITE TRUST**

Located at: **Edgewood Drive – Niagara Falls, NY 14304**

Classified by SIC Number: **4953**

For the contribution of wastewater into the Niagara Falls Water Board
Publicly-Owned Treatment Works (POTW).

**Effective this 1st day of October 2018
To expire this 30th day of September 2023**

Signed this 5th day of September, 2018

A handwritten signature in blue ink that reads "Joel R. Paradise".

For
Rolfe S. Porter
Executive Director of the Niagara Falls Water Board

DISCHARGE IDENTIFICATION

OUTFALL	DESCRIPTION	LOCATION	RECEIVING
MS #1	#001 Manholes MH-3B & MH-3C flow to the 8" site sanitary line then on to the 12" NFWB Sanitary line	Forest Glen Subdivision Manhole MH – 3B receives ground water via RW1 and RW2. Manhole MH-3C receives ground water via RW3.	Ground Water

WASTEWATER DISCHARGE PERMIT REQUIREMENTS FOR:

A. Discharges to the Niagara Falls Water Board (NFWB) Sewer

	ACTION REQUIRED	REQUIRED DATE OF SUBMISSION
1. Identification of all discharges to the NFWB Sewer System on a current plant sewer map certified by a New York State licensed professional engineer.	NONE	SUBMISSION RECEIVED August 15 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 15 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 15 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 15 th , 2018

B. Wastewater Discharge Management Practices

1. Identification of a responsible person(s)	NONE
--	------

C. Slug Control Plan**

Pursuant to Section 40 CFR 403.12 (v) of the Federal Pretreatment Standards the Niagara Falls Water Board will evaluate the permittee, a minimum of once every two years for the need for a "Slug Control Plan." If a plan is required by the Niagara Falls Water Board, then the plan will contain, at a minimum, the following elements:

- a) Description of discharge practices, including non-routine batch discharges;
- b) Description of stored chemicals;
- c) Procedures for immediately notifying the POTW of slug discharges, including any discharge that would violate a prohibition under 40 CFR 403.5 (b), with procedures for follow-up written notification within five days;
- d) If necessary, procedures to prevent adverse impact from accidental spills, including inspection and maintenance of storage areas, handling and transfer of materials, loading and unloading operations, control of plant site runoff, worker training, building of containment structures or equipment, measures for containing toxic organic pollutants (including solvents), and/or measures and equipment necessary for emergency response.

**This section applies to all pollutants limited by the Niagara Falls Water Board SPDES Permit and all prohibited wastewater discharges (See Section 1960.5 of the Niagara Falls Water Board Wastewater Regulations).

D. General Wastewater Discharge Permit Conditions

1. Flow monitoring should be performed concurrently with any Wastewater Discharge Permit sampling and should be reported at the same time as analytical results. If it is not feasible to perform flow monitoring, an estimate of flow (method of estimated flow preapproved by the Niagara Falls Water Board) should be submitted with the analytical results.
2. All sampling for billing and pretreatment compliance purposes will be coordinated through the Niagara Falls Water Board Industrial Monitoring Coordinator.
3. All analysis must be performed by a State certified laboratory using analytical methods promulgated and consistent with 40 CFR 136 and amendments thereto. The permittee will request their contract laboratory to report both Practical Quantitation Limit (PQL) and Method Detection Limit (MDL). The PQL and MDL are defined in the NYSDEC Technical Guidance Series 1.3.7.

The permittee should report results that are less than the MDL or PQL on the NFWB Self Monitoring Report, as non-detect (ND), by placing a less than sign (<) followed by the analytical result. Every effort should be made to attain results down to the MDL. If this is not possible; then results less than PQL but greater than MDL must also be additionally flagged with the qualifier "J" on the Self-Monitoring Report. For example, a result less than 5 PQL would be reported <5 (J). In either case the calculated load in lbs per day would be zero.

Monitoring results which are lower than the PQL must be reported but will not be used to determine compliance with the permit limit.

4. An estimate of relative production levels for wastewater contributing processes at the time of any pretreatment compliance sampling will be submitted upon request of the Director of Niagara Falls Water Board - Wastewater Facilities.
5. All samples will be handled in accordance with EPA approved methods. Chain of Custody records will be submitted with all sampling results.
6. All conditions, standards and numeric limitations of Niagara Falls Water Board Wastewater Regulations are hereby incorporated into this permit by reference. These conditions, standards and numeric limitations must be complied with. Failure to comply with any part of said regulations constitutes a violation and is subject to enforcement actions(s) described in Section 1960.9 of said regulations, and in the Niagara Falls Water Board Pretreatment Administrative Procedure Number Five (5) - "Enforcement Response Guide." Violators are subject to all applicable *Civil* and *Criminal* penalties. In the event of a violation, including slug discharges or spills, the Niagara Falls Water Board must be notified immediately by phone and confirmed by letter within five (5) working days.

Any person adjudicated of violating any provision in the Niagara Falls Water Board Wastewater Regulations shall be assessed a fine in the amount of up to \$10,000. This amount is available for each violation, and each day of a violation is a separate incident for which penalties may be sought. (6. Cont.)

D. General Wastewater Discharge Permit Conditions (continued)

6. (*cont.*) The person violating any of the provisions of the Niagara Falls Water Board Wastewater Regulations will be liable for any expense, loss, or damage occasioned by reason of such violation. The expense, loss or damage will be taken to be to the extent determined by the Director.

In addition, any person who knowingly makes any false statements; representation or certification in any application, record, report, plan or other document filed or required to be maintained pursuant to the Niagara Falls Water Board Wastewater Regulations or Wastewater Discharge Permit, or who falsifies, tampers with, or knowingly renders inaccurate any monitoring device or method required under the Niagara Falls Water Board Wastewater Regulations will, upon conviction be punished by a fine up to \$5,000. Furthermore, the Niagara Falls Water Board may recover reasonable attorney's fees, court costs, court reporting fees, and other expenses of litigation by appropriate suit at law against the person found to have violated applicable laws, orders, rules and permits required by the Niagara Falls Water Board Wastewater Regulations.

7. In accordance with Federal Regulation CFR 40, Part 403.12(g), any exceedance of a numeric limitation noted by the SIU must be re-sampled, analyzed and resubmitted to the Niagara Falls Water Board Wastewater - Facilities within 30 days.

Specifically, if any limit that is listed in Section F of this permit is exceeded, then the permittee will undertake a short term monitoring program for that pollutant. Samples will be collected identical to those required for routine monitoring purposes and will be collected on each of at least two (2) operating days and analyzed. Results will be reported in both concentration and mass, and will be submitted within 30 days of becoming aware of the exceedance.

8. Sampling frequency for any permitted compounds may be increased beyond the requirements set forth in Section F and G of this permit. If the permittee monitors (sample and analysis) more frequent than required under this permit, **all** results of this monitoring must be reported.
9. As noted in Section 1960.5g of the Niagara Falls Water Board Wastewater Regulations, "Personnel as designated by the Director will be permitted at any time for reasonable cause to enter upon all properties served by the Niagara Falls Water Board - Wastewater Facilities for the purpose of, and to carry out, inspection of the premises, observation, measurement, sampling and testing, in accordance with provisions of the Regulations."
10. As noted in Section 1960.5c of the Niagara Falls Water Board Wastewater Regulations, significant changes in discharge characteristics or volume must be reported immediately to the Niagara Falls Water Board - Wastewater Facilities.
11. As noted in Section 1960.6b of the Niagara Falls Water Board Wastewater Regulations, samples required to be collected via a 24-hour composite sampler must be retained refrigerated for an additional 24 hour plus unrefrigerated an additional 48 hours (total 72 hours). (D. continued)

D. General Wastewater Discharge Permit Conditions (continued)

12. As noted in Section 1960.5d of the Niagara Falls Water Board Wastewater Regulations, all "SIU's will keep on file for a minimum of three (3) years, all records, flow charts, laboratory calculations or any other pertinent data on their discharge to the Niagara Falls Water Board - Wastewater Facilities."
13. As noted in Section 1960.6g of the Niagara Falls Water Board Wastewater Regulations, "Permits are issued to a specific user for a specific monitoring station. A permit will not be reassigned or transferred without the approval of the Director which approval will not be unreasonably withheld. Any succeeding owner or user to which a permit has been transferred and approved will also comply with all the terms and conditions of the existing permit."
14. The Annual Average Limitation is equivalent to the specific SIU allocation, and will be defined as the permissible long term average discharge of a particular pollutant. These limitations are listed in Section F of this permit. The computation of the Annual Average will be as follows; for each compound listed in Section G of this permit, the Annual Average will be the average of the present monitoring quarter and three previous quarters' data.
15. The Daily Maximum Limitation will be defined as the maximum allowable discharge on anyone day. The Daily Maximum Limitation will allow for periodic short term discharge fluctuations. These specific limitations are listed in Section F of this permit.
16. Enforcement of the Annual Average Limitation will be based on the reported average of the last four quarters data vs. the Annual Average Limited listed in Section F of this permit. Enforcement of the Daily Maximum Limitation will be based on individual analysis results vs. the Daily Maximum Limit listed in Section F of this permit. These results may be obtained from self monitoring (Section G), Niagara Falls Water Board Verification, incident investigation or billing samples.
17. The Niagara Falls Water Board Administrative Procedure Number 6 "Procedure for Determination and Use of Local Limits" lists all pollutants noted in the Niagara Falls Water Board - Wastewater Facilities SPDES Permit. The limits defined in the procedure are values which are based on the quantity of substances discharged which can be easily related to the Treatment Plant's removal capacity.

The pollutants listed in this procedure, which are not specifically listed in Section F and G of this permit may be present in the permittee's wastewater discharge, but at levels which do not require specific permit limitations. Consequently, if any of the limits listed in this procedure, for pollutants not identified in Section F and G of this permit, are exceeded then the permittee will undertake a short-term, high intensity monitoring program for that pollutant. Samples identical to those required for routine monitoring purposes will be collected on each of at least three operating days and analyzed. Results will be expressed in terms of both concentration and mass, and will be submitted no later than the end of the third month following the month when the limit was first exceeded.

If levels higher than the limit are confirmed, the permit may be reopened by the Niagara Falls Water Board for consideration of revised permit limits.

E. Specific Wastewater Discharge Permit Conditions

1. Billing Agreement:

- a) The determination of the quantity of flow will be based on effluent meter readings obtained from MS #1. The weekly readings and total average flow will be recorded on a monthly report. This report will be sent to the NFWB due 15 days after the monitoring month.
- b) "Substances of Concern" charges will be based on pollutant analysis results contained in the permittee's Quarterly Self-Monitoring Report and other appropriate data collected by the permittee.

2. Self Monitoring:

The permittee will collect and analyze samples for pollutant analysis and submit the results as directed in Sections F and G of this permit.

3. Regulator 6C:

The NFWB maintains several flow regulators throughout the collection system. The purpose of the regulators is to divert excess flow during peak storm events away from the treatment plant. The permittee's discharge passes through regulator 6C, which is one of these devices. Therefore, during storm events the potential for this wastewater to bypass the treatment plant exists. The permittee is required to conduct the following;

- a) Maintain an appropriate alarm system to indicate when regulator 6C is overflowing. Such a system will trigger all discharge from the site to cease until such time overflow at regulator 6C ceases.
- b) A log of all such instances will be maintained. The log will be submitted with the Quarterly Self-Monitoring Report.
- c) A check of the alarm system will be conducted quarterly and recorded on the log noted in item E3b.

F. Discharge Limitations & Monitoring Requirements

During the Period beginning the effective date of this Permit and lasting until the expiration date, discharge from the permitted facility outfall(s) will be limited and monitored by the permittee as specified below.

OUTFALL NUMBER/ EFFLUENT PARAMETER	DISCHARGE LIMITATIONS		UNITS	MINIMUM MONITORING REQUIREMENTS	
	ANNUAL AVERAGE	DAILY MAXIMUM		MEASUREMENT FREQUENCY	SAMPLE TYPE
MS#1 - Flow	0.04	0.06	MGD	**Continuous	N/A
MS#1 – Vinyl Chloride	0.02	0.03	lbs/d	1/Qrt	2
MS#1 – 1,1 Dichloroethylene	0.005	0.01	lbs/d	1/Qrt	2
MS#1 - *1, 2 Dichloroethylene	0.05	0.1	lbs/d	1/Qrt	2
MS#1 – 1,1 Dichloroethane	0.005	0.01	lbs/d	1/Qrt	2
MS#1 – Trichloroethylene	0.005	0.01	lbs/d	1/Qrt	2
MS#1 – Tetrachloroethylene	0.005	0.01	lbs/d	1/Qrt	2
MS#1 – 1,1,1 Trichloroethane	0.005	0.01	lbs/d	1/Qrt	2

*total cis and trans

** The flow meter must continuously operate, however the NFWB will allow to have the integrator readings recorded once (1) per week instead of daily. This data must be submitted in the monthly flow report.

SAMPLE TYPE FOOTNOTES

- (1) Each sample will consist of four (4) grabs collected spaced throughout the **batch** discharge, such that they are representative of the effluent being discharged pursuant to 40CFR 403.12.b5iii. The four (4) grabs will be **composited in the laboratory** and analyzed as one sample.
- (2) Each sample will consist of four (4) grabs collected spaced over the 24-hour period, such that they are representative of the effluent being discharged pursuant to 40CFR 403.12.b5iii. The four (4) grabs will be **composited in the laboratory** and analyzed as one sample.
- (3) Each sample will consist of a 24-hour, **flow proportioned** composite sample collected from the monitoring point.
- (4) Flow will be monitored continuously with the use of a water meter or another acceptable flow metering device.
- (5) Each sample will consist of a 24-hour, **time proportioned** composite sample collected from the monitoring point.
- (6) Reserved
- (7) Same as (3), however, five (5) samples will be collected per quarter from the monitoring point and analyzed by and at the Niagara Falls Water Board's expense.
- (8) Four (4) grab samples will be collected spaced over the 24-hour period, such that they are representative of the effluent being discharged pursuant to 40CFR 403.12.b5iii. Each grab will be **analyzed and reported separately**.
- (9) A grab sample is defined as an aliquot collected over a period of not more than 15 minutes.

G. Discharge Monitoring Reporting Requirements

During the period beginning the effective date of this permit and lasting until its expiration date, discharge monitoring results will be summarized and reported by the permittee; Monthly - 14 days after monitoring period, **Quarterly - by the last day of the monitoring period = February 28, May 31, August 31, November 30.** Semiannual reports will be submitted on the last day of the monitoring period = February 28, August 31. The annual average for each parameter listed in Section F, will be computed and reported quarterly. The individual sample analysis for present quarter will also be reported quarterly unless directed otherwise in this permit.

OUTFALL NO	PARAMETER	REPORTING FREQUENCY
MS#1	Flow	Monthly
MS#1	Regulator 6c data, Inspections	Quarterly
MS#1	Vinyl Chloride	Quarterly
MS#1	1,1 – Dichloroethylene	Quarterly
MS#1	1,2 – Dichloroethylene	Quarterly
MS#1	1,1 - Dichloroethane	Quarterly
MS#1	Trichloroethylene	Quarterly
MS#1	Tetrachloroethylene	Quarterly
MS#1	1,1,1 – Trichloroethane	Quarterly

Quarterly reports submitted by SIU #61 are due by the last day of the monitoring period as follows: **1st Qt.**- February 28, **2nd Qt.** - May 31, **3rd Qt.** - August 31 and **4th Qt.** - November 30.

H. Comments/Revisions

APPENDIX C

LABORATORY REPORTS

ANALYTICAL REPORT

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

Laboratory Job ID: 480-167606-1
Client Project/Site: Forest Glen Monitoring

For:

O'Brien & Gere Inc of North America
333 West Washington St.
PO BOX 4873
East Syracuse, New York 13221

Attn: Mr. David J Carnevale



*Authorized for release by:
3/27/2020 4:33:44 PM*

Rebecca Jones, Project Management Assistant I
rebecca.jones@testamericainc.com

Designee for

John Schove, Project Manager II
(716)504-9838
john.schove@testamericainc.com

LINKS

Review your project
results through
TotalAccess

Have a Question?



Visit us at:
www.testamericainc.com

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

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

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



Table of Contents

Cover Page	1
Table of Contents	2
Definitions/Glossary	3
Case Narrative	4
Detection Summary	5
Client Sample Results	8
Surrogate Summary	30
QC Sample Results	31
QC Association Summary	39
Lab Chronicle	43
Certification Summary	48
Method Summary	49
Sample Summary	50
Detection Limit Exceptions Summary	51
Chain of Custody	52
Receipt Checklists	54

Definitions/Glossary

Client: O'Brien & Gere Inc of North America
Project/Site: Forest Glen Monitoring

Job ID: 480-167606-1

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.

General Chemistry

Qualifier	Qualifier Description
B	Compound was found in the blank and sample.
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
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)
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
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)

Case Narrative

Client: O'Brien & Gere Inc of North America
Project/Site: Forest Glen Monitoring

Job ID: 480-167606-1

Job ID: 480-167606-1

Laboratory: Eurofins TestAmerica, Buffalo

Narrative

Job Narrative 480-167606-1

Comments

No additional comments.

Receipt

The samples were received on 3/18/2020 5:25 PM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperatures of the 2 coolers at receipt time were 3.6° C and 4.8° C.

GC/MS VOA

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

HPLC/IC

Method 300.0: The following samples were diluted to bring the concentration of target analytes within the calibration range: MW 1S 031720 (480-167606-1), MW 1D 031720 (480-167606-2), MW 10D 031720 (480-167606-3), MW 6S 031720 (480-167606-4), MW 6D 031720 (480-167606-5), MW 10S 031720 (480-167606-6), MW 6DD 031720 (480-167606-7), X-1 031720 (480-167606-8), MW 8 D 031720 (480-167606-9) and MW 8DD 031720 (480-167606-10). Elevated reporting limits (RLs) are provided.

Method 300.0: The following samples were reported with elevated reporting limits for all analytes: MW-8S 031720 (480-167606-11), MW 7DD 031820 (480-167606-12), MW 7S 031820 (480-167606-13) and MW 7D 031820 (480-167606-14). The sample was analyzed at a dilution based on screening results.

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 samples were logged in outside of holding time: MW 1S 031720 (480-167606-1), MW 1D 031720 (480-167606-2) and X-1 031720 (480-167606-8).

Method 353.2: The following sample(s) was received with less than 2 days remaining on the holding time or less than one shift (8 hours) remaining on a test with a holding time of 48 hours or less. As such, the laboratory had insufficient time remaining to perform the analysis within holding time: MW 10D 031720 (480-167606-3) and MW 6S 031720 (480-167606-4).

Method 353.2: The following sample(s) was received with less than 2 days remaining on the holding time or less than one shift (8 hours) remaining on a test with a holding time of 48 hours or less. As such, the laboratory had insufficient time remaining to perform the analysis within holding time: MW 1S 031720 (480-167606-1).

Method 353.2: The following sample was logged in outside of holding time: MW 1S 031720 (480-167606-1).

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: 480-167606-1

Client Sample ID: MW 1S 031720

Lab Sample ID: 480-167606-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	1850		10.0	5.6	mg/L	20		300.0	Total/NA
Sulfate	233		40.0	7.0	mg/L	20		300.0	Total/NA
Alkalinity, Bicarbonate	285	B	30.0	12.0	mg/L	3		310.2_ASP	Total/NA
Nitrate as N	0.081	H	0.050	0.020	mg/L	1		353.2	Total/NA
Nitrite as N	0.039	J H B	0.050	0.020	mg/L	1		353.2	Total/NA
Dissolved Organic Carbon - Duplicate	2.6		1.0	0.43	mg/L	1		SM 5310C	Dissolved

Client Sample ID: MW 1D 031720

Lab Sample ID: 480-167606-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methyl tert-butyl ether	0.29	J	1.0	0.16	ug/L	1		8260C	Total/NA
Chloride	429		5.0	2.8	mg/L	10		300.0	Total/NA
Sulfate	199		20.0	3.5	mg/L	10		300.0	Total/NA
Alkalinity, Bicarbonate	368	B	40.0	16.0	mg/L	4		310.2_ASP	Total/NA
Dissolved Organic Carbon - Duplicate	3.8		1.0	0.43	mg/L	1		SM 5310C	Dissolved

Client Sample ID: MW 10D 031720

Lab Sample ID: 480-167606-3

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	368		2.5	1.4	mg/L	5		300.0	Total/NA
Sulfate	232		10.0	1.7	mg/L	5		300.0	Total/NA
Alkalinity, Bicarbonate	277	B	30.0	12.0	mg/L	3		310.2_ASP	Total/NA
Nitrate as N	0.022	J H	0.050	0.020	mg/L	1		353.2	Total/NA
Dissolved Organic Carbon - Duplicate	3.1		1.0	0.43	mg/L	1		SM 5310C	Dissolved

Client Sample ID: MW 6S 031720

Lab Sample ID: 480-167606-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	38		1.0	0.81	ug/L	1		8260C	Total/NA
Vinyl chloride	68		1.0	0.90	ug/L	1		8260C	Total/NA
Chloride	38.3		2.5	1.4	mg/L	5		300.0	Total/NA
Sulfate	211		10.0	1.7	mg/L	5		300.0	Total/NA
Alkalinity, Bicarbonate	388	B	40.0	16.0	mg/L	4		310.2_ASP	Total/NA
Dissolved Organic Carbon - Duplicate	5.8		1.0	0.43	mg/L	1		SM 5310C	Dissolved

Client Sample ID: MW 6D 031720

Lab Sample ID: 480-167606-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	0.44	J	1.0	0.38	ug/L	1		8260C	Total/NA
Chloride	179		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	315	B	40.0	16.0	mg/L	4		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	4.4		1.0	0.43	mg/L	1		SM 5310C	Dissolved

Client Sample ID: MW 10S 031720

Lab Sample ID: 480-167606-6

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	357		2.5	1.4	mg/L	5		300.0	Total/NA
Sulfate	232		10.0	1.7	mg/L	5		300.0	Total/NA
Alkalinity, Bicarbonate	275	B	40.0	16.0	mg/L	4		310.2_ASP	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins TestAmerica, Buffalo

Detection Summary

Client: O'Brien & Gere Inc of North America
 Project/Site: Forest Glen Monitoring

Job ID: 480-167606-1

Client Sample ID: MW 10S 031720 (Continued)

Lab Sample ID: 480-167606-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Dissolved Organic Carbon - Duplicate	3.3		1.0	0.43	mg/L	1		SM 5310C	Dissolved

Client Sample ID: MW 6DD 031720

Lab Sample ID: 480-167606-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	0.39	J	1.0	0.38	ug/L	1		8260C	Total/NA
cis-1,2-Dichloroethene	15		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	172		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	277	B	30.0	12.0	mg/L	3		310.2_ASP	Total/NA
Nitrate as N	0.023	J	0.050	0.020	mg/L	1		353.2	Total/NA
Dissolved Organic Carbon - Duplicate	4.1		1.0	0.43	mg/L	1		SM 5310C	Dissolved

Client Sample ID: X-1 031720

Lab Sample ID: 480-167606-8

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	366		2.5	1.4	mg/L	5		300.0	Total/NA
Sulfate	231		10.0	1.7	mg/L	5		300.0	Total/NA
Alkalinity, Bicarbonate	284		50.0	20.0	mg/L	5		310.2_ASP	Total/NA
Dissolved Organic Carbon - Duplicate	3.1		1.0	0.43	mg/L	1		SM 5310C	Dissolved

Client Sample ID: MW 8 D 031720

Lab Sample ID: 480-167606-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	93.6		2.5	1.4	mg/L	5		300.0	Total/NA
Sulfate	119		10.0	1.7	mg/L	5		300.0	Total/NA
Alkalinity, Bicarbonate	288		50.0	20.0	mg/L	5		310.2_ASP	Total/NA
Nitrate as N	0.023	J	0.050	0.020	mg/L	1		353.2	Total/NA
Sulfide	0.80	J	1.0	0.67	mg/L	1		SM 4500 S2 F	Total/NA
Dissolved Organic Carbon - Duplicate	4.4		1.0	0.43	mg/L	1		SM 5310C	Dissolved

Client Sample ID: MW 8DD 031720

Lab Sample ID: 480-167606-10

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	54.4		2.5	1.4	mg/L	5		300.0	Total/NA
Sulfate	112		10.0	1.7	mg/L	5		300.0	Total/NA
Alkalinity, Bicarbonate	224		50.0	20.0	mg/L	5		310.2_ASP	Total/NA
Dissolved Organic Carbon - Duplicate	3.9		1.0	0.43	mg/L	1		SM 5310C	Dissolved

Client Sample ID: MW-8S 031720

Lab Sample ID: 480-167606-11

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	2.2		1.0	0.81	ug/L	1		8260C	Total/NA
Tetrachloroethene	0.50	J	1.0	0.36	ug/L	1		8260C	Total/NA
Trichloroethene	2.3		1.0	0.46	ug/L	1		8260C	Total/NA
Chloride	8.9		1.0	0.56	mg/L	2		300.0	Total/NA
Sulfate	63.8		4.0	0.70	mg/L	2		300.0	Total/NA
Alkalinity, Bicarbonate	204	B	30.0	12.0	mg/L	3		310.2_ASP	Total/NA
Nitrite as N	0.049	J B	0.050	0.020	mg/L	1		353.2	Total/NA
Dissolved Organic Carbon - Duplicate	3.1		1.0	0.43	mg/L	1		SM 5310C	Dissolved

This Detection Summary does not include radiochemical test results.

Eurofins TestAmerica, Buffalo

Detection Summary

Client: O'Brien & Gere Inc of North America
 Project/Site: Forest Glen Monitoring

Job ID: 480-167606-1

Client Sample ID: MW 7DD 031820

Lab Sample ID: 480-167606-12

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Trichloroethene	0.62	J	1.0	0.46	ug/L	1		8260C	Total/NA
Chloride	29.1		1.0	0.56	mg/L	2		300.0	Total/NA
Sulfate	85.0		4.0	0.70	mg/L	2		300.0	Total/NA
Alkalinity, Bicarbonate	215		50.0	20.0	mg/L	5		310.2_ASP	Total/NA
Nitrate as N	0.20		0.050	0.020	mg/L	1		353.2	Total/NA
Nitrite as N	0.045	J B	0.050	0.020	mg/L	1		353.2	Total/NA
Dissolved Organic Carbon - Duplicate	4.2		1.0	0.43	mg/L	1		SM 5310C	Dissolved

Client Sample ID: MW 7S 031820

Lab Sample ID: 480-167606-13

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Tetrachloroethene	0.50	J	1.0	0.36	ug/L	1		8260C	Total/NA
Trichloroethene	1.6		1.0	0.46	ug/L	1		8260C	Total/NA
Chloride	58.6		1.0	0.56	mg/L	2		300.0	Total/NA
Sulfate	73.4		4.0	0.70	mg/L	2		300.0	Total/NA
Alkalinity, Bicarbonate	220		50.0	20.0	mg/L	5		310.2_ASP	Total/NA
Nitrate as N	0.62		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: MW 7D 031820

Lab Sample ID: 480-167606-14

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Tetrachloroethene	0.45	J	1.0	0.36	ug/L	1		8260C	Total/NA
Trichloroethene	1.6		1.0	0.46	ug/L	1		8260C	Total/NA
Chloride	39.9		1.0	0.56	mg/L	2		300.0	Total/NA
Sulfate	50.7		4.0	0.70	mg/L	2		300.0	Total/NA
Alkalinity, Bicarbonate	210		50.0	20.0	mg/L	5		310.2_ASP	Total/NA
Nitrate as N	0.44		0.050	0.020	mg/L	1		353.2	Total/NA
Nitrite as N	0.042	J B	0.050	0.020	mg/L	1		353.2	Total/NA
Dissolved Organic Carbon - Duplicate	4.9		1.0	0.43	mg/L	1		SM 5310C	Dissolved

Client Sample ID: QC TRIP BLANK

Lab Sample ID: 480-167606-15

No Detections.

This Detection Summary does not include radiochemical test results.

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: O'Brien & Gere Inc of North America
 Project/Site: Forest Glen Monitoring

Job ID: 480-167606-1

Client Sample ID: MW 1S 031720

Lab Sample ID: 480-167606-1

Date Collected: 03/17/20 10:05

Matrix: Water

Date Received: 03/18/20 17:25

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			03/20/20 13:25	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			03/20/20 13:25	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			03/20/20 13:25	1
1,1,2-Trichlorotrifluoroethane	ND		1.0	0.31	ug/L			03/20/20 13:25	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			03/20/20 13:25	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			03/20/20 13:25	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			03/20/20 13:25	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			03/20/20 13:25	1
1,2-Dibromoethane (EDB)	ND		1.0	0.73	ug/L			03/20/20 13:25	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			03/20/20 13:25	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			03/20/20 13:25	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			03/20/20 13:25	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			03/20/20 13:25	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			03/20/20 13:25	1
2-Hexanone	ND		5.0	1.2	ug/L			03/20/20 13:25	1
2-Butanone (MEK)	ND		10	1.3	ug/L			03/20/20 13:25	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			03/20/20 13:25	1
Acetone	ND		10	3.0	ug/L			03/20/20 13:25	1
Benzene	ND		1.0	0.41	ug/L			03/20/20 13:25	1
Bromodichloromethane	ND		1.0	0.39	ug/L			03/20/20 13:25	1
Bromoform	ND		1.0	0.26	ug/L			03/20/20 13:25	1
Bromomethane	ND		1.0	0.69	ug/L			03/20/20 13:25	1
Carbon disulfide	ND		1.0	0.19	ug/L			03/20/20 13:25	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			03/20/20 13:25	1
Chlorobenzene	ND		1.0	0.75	ug/L			03/20/20 13:25	1
Chlorodibromomethane	ND		1.0	0.32	ug/L			03/20/20 13:25	1
Chloroethane	ND		1.0	0.32	ug/L			03/20/20 13:25	1
Chloroform	ND		1.0	0.34	ug/L			03/20/20 13:25	1
Chloromethane	ND		1.0	0.35	ug/L			03/20/20 13:25	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			03/20/20 13:25	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			03/20/20 13:25	1
Cyclohexane	ND		1.0	0.18	ug/L			03/20/20 13:25	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			03/20/20 13:25	1
Ethylbenzene	ND		1.0	0.74	ug/L			03/20/20 13:25	1
Isopropylbenzene	ND		1.0	0.79	ug/L			03/20/20 13:25	1
Methyl acetate	ND		1.3	1.3	ug/L			03/20/20 13:25	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			03/20/20 13:25	1
Methylcyclohexane	ND		1.0	0.16	ug/L			03/20/20 13:25	1
Methylene Chloride	ND		1.0	0.44	ug/L			03/20/20 13:25	1
Styrene	ND		1.0	0.73	ug/L			03/20/20 13:25	1
Tetrachloroethene	ND		1.0	0.36	ug/L			03/20/20 13:25	1
Toluene	ND		1.0	0.51	ug/L			03/20/20 13:25	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			03/20/20 13:25	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			03/20/20 13:25	1
Trichloroethene	ND		1.0	0.46	ug/L			03/20/20 13:25	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			03/20/20 13:25	1
Vinyl chloride	ND		1.0	0.90	ug/L			03/20/20 13:25	1
Xylenes, Total	ND		2.0	0.66	ug/L			03/20/20 13:25	1

Client Sample Results

Client: O'Brien & Gere Inc of North America
 Project/Site: Forest Glen Monitoring

Job ID: 480-167606-1

Client Sample ID: MW 1S 031720

Lab Sample ID: 480-167606-1

Date Collected: 03/17/20 10:05

Matrix: Water

Date Received: 03/18/20 17:25

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	102		77 - 120		03/20/20 13:25	1
Toluene-d8 (Surr)	100		80 - 120		03/20/20 13:25	1
4-Bromofluorobenzene (Surr)	99		73 - 120		03/20/20 13:25	1
Dibromofluoromethane (Surr)	98		75 - 123		03/20/20 13:25	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1850		10.0	5.6	mg/L			03/20/20 19:18	20
Sulfate	233		40.0	7.0	mg/L			03/20/20 19:18	20
Alkalinity, Bicarbonate	285	B	30.0	12.0	mg/L			03/20/20 21:02	3
Nitrate as N	0.081	H	0.050	0.020	mg/L			03/19/20 17:50	1
Nitrite as N	0.039	J H B	0.050	0.020	mg/L			03/19/20 19:54	1
Sulfide	ND		1.0	0.67	mg/L			03/23/20 12:55	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dissolved Organic Carbon - Duplicate	2.6		1.0	0.43	mg/L			03/20/20 18:25	1

Client Sample ID: MW 1D 031720

Lab Sample ID: 480-167606-2

Date Collected: 03/17/20 10:15

Matrix: Water

Date Received: 03/18/20 17:25

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			03/20/20 13:49	1
1,1,1,2-Tetrachloroethane	ND		1.0	0.21	ug/L			03/20/20 13:49	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			03/20/20 13:49	1
1,1,2-Trichlorotrifluoroethane	ND		1.0	0.31	ug/L			03/20/20 13:49	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			03/20/20 13:49	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			03/20/20 13:49	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			03/20/20 13:49	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			03/20/20 13:49	1
1,2-Dibromoethane (EDB)	ND		1.0	0.73	ug/L			03/20/20 13:49	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			03/20/20 13:49	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			03/20/20 13:49	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			03/20/20 13:49	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			03/20/20 13:49	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			03/20/20 13:49	1
2-Hexanone	ND		5.0	1.2	ug/L			03/20/20 13:49	1
2-Butanone (MEK)	ND		10	1.3	ug/L			03/20/20 13:49	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			03/20/20 13:49	1
Acetone	ND		10	3.0	ug/L			03/20/20 13:49	1
Benzene	ND		1.0	0.41	ug/L			03/20/20 13:49	1
Bromodichloromethane	ND		1.0	0.39	ug/L			03/20/20 13:49	1
Bromoform	ND		1.0	0.26	ug/L			03/20/20 13:49	1
Bromomethane	ND		1.0	0.69	ug/L			03/20/20 13:49	1
Carbon disulfide	ND		1.0	0.19	ug/L			03/20/20 13:49	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			03/20/20 13:49	1
Chlorobenzene	ND		1.0	0.75	ug/L			03/20/20 13:49	1
Chlorodibromomethane	ND		1.0	0.32	ug/L			03/20/20 13:49	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: O'Brien & Gere Inc of North America
Project/Site: Forest Glen Monitoring

Job ID: 480-167606-1

Client Sample ID: MW 1D 031720

Lab Sample ID: 480-167606-2

Date Collected: 03/17/20 10:15

Matrix: Water

Date Received: 03/18/20 17:25

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloroethane	ND		1.0	0.32	ug/L			03/20/20 13:49	1
Chloroform	ND		1.0	0.34	ug/L			03/20/20 13:49	1
Chloromethane	ND		1.0	0.35	ug/L			03/20/20 13:49	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			03/20/20 13:49	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			03/20/20 13:49	1
Cyclohexane	ND		1.0	0.18	ug/L			03/20/20 13:49	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			03/20/20 13:49	1
Ethylbenzene	ND		1.0	0.74	ug/L			03/20/20 13:49	1
Isopropylbenzene	ND		1.0	0.79	ug/L			03/20/20 13:49	1
Methyl acetate	ND		1.3	1.3	ug/L			03/20/20 13:49	1
Methyl tert-butyl ether	0.29	J	1.0	0.16	ug/L			03/20/20 13:49	1
Methylcyclohexane	ND		1.0	0.16	ug/L			03/20/20 13:49	1
Methylene Chloride	ND		1.0	0.44	ug/L			03/20/20 13:49	1
Styrene	ND		1.0	0.73	ug/L			03/20/20 13:49	1
Tetrachloroethene	ND		1.0	0.36	ug/L			03/20/20 13:49	1
Toluene	ND		1.0	0.51	ug/L			03/20/20 13:49	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			03/20/20 13:49	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			03/20/20 13:49	1
Trichloroethene	ND		1.0	0.46	ug/L			03/20/20 13:49	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			03/20/20 13:49	1
Vinyl chloride	ND		1.0	0.90	ug/L			03/20/20 13:49	1
Xylenes, Total	ND		2.0	0.66	ug/L			03/20/20 13:49	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	107		77 - 120		03/20/20 13:49	1
Toluene-d8 (Surr)	105		80 - 120		03/20/20 13:49	1
4-Bromofluorobenzene (Surr)	105		73 - 120		03/20/20 13:49	1
Dibromofluoromethane (Surr)	105		75 - 123		03/20/20 13:49	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	429		5.0	2.8	mg/L			03/20/20 19:26	10
Sulfate	199		20.0	3.5	mg/L			03/20/20 19:26	10
Alkalinity, Bicarbonate	368	B	40.0	16.0	mg/L			03/20/20 21:02	4
Nitrate as N	ND	H	0.050	0.020	mg/L			03/19/20 17:51	1
Nitrite as N	ND	H	0.050	0.020	mg/L			03/19/20 17:51	1
Sulfide	ND		1.0	0.67	mg/L			03/23/20 12:55	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dissolved Organic Carbon - Duplicate	3.8		1.0	0.43	mg/L			03/20/20 18:56	1

Client Sample ID: MW 10D 031720

Lab Sample ID: 480-167606-3

Date Collected: 03/17/20 13:05

Matrix: Water

Date Received: 03/18/20 17:25

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			03/20/20 14:13	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			03/20/20 14:13	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: O'Brien & Gere Inc of North America
 Project/Site: Forest Glen Monitoring

Job ID: 480-167606-1

Client Sample ID: MW 10D 031720

Lab Sample ID: 480-167606-3

Date Collected: 03/17/20 13:05

Matrix: Water

Date Received: 03/18/20 17:25

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			03/20/20 14:13	1
1,1,2-Trichlorotrifluoroethane	ND		1.0	0.31	ug/L			03/20/20 14:13	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			03/20/20 14:13	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			03/20/20 14:13	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			03/20/20 14:13	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			03/20/20 14:13	1
1,2-Dibromoethane (EDB)	ND		1.0	0.73	ug/L			03/20/20 14:13	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			03/20/20 14:13	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			03/20/20 14:13	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			03/20/20 14:13	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			03/20/20 14:13	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			03/20/20 14:13	1
2-Hexanone	ND		5.0	1.2	ug/L			03/20/20 14:13	1
2-Butanone (MEK)	ND		10	1.3	ug/L			03/20/20 14:13	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			03/20/20 14:13	1
Acetone	ND		10	3.0	ug/L			03/20/20 14:13	1
Benzene	ND		1.0	0.41	ug/L			03/20/20 14:13	1
Bromodichloromethane	ND		1.0	0.39	ug/L			03/20/20 14:13	1
Bromoform	ND		1.0	0.26	ug/L			03/20/20 14:13	1
Bromomethane	ND		1.0	0.69	ug/L			03/20/20 14:13	1
Carbon disulfide	ND		1.0	0.19	ug/L			03/20/20 14:13	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			03/20/20 14:13	1
Chlorobenzene	ND		1.0	0.75	ug/L			03/20/20 14:13	1
Chlorodibromomethane	ND		1.0	0.32	ug/L			03/20/20 14:13	1
Chloroethane	ND		1.0	0.32	ug/L			03/20/20 14:13	1
Chloroform	ND		1.0	0.34	ug/L			03/20/20 14:13	1
Chloromethane	ND		1.0	0.35	ug/L			03/20/20 14:13	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			03/20/20 14:13	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			03/20/20 14:13	1
Cyclohexane	ND		1.0	0.18	ug/L			03/20/20 14:13	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			03/20/20 14:13	1
Ethylbenzene	ND		1.0	0.74	ug/L			03/20/20 14:13	1
Isopropylbenzene	ND		1.0	0.79	ug/L			03/20/20 14:13	1
Methyl acetate	ND		1.3	1.3	ug/L			03/20/20 14:13	1
Methyl tert-butyl ether	0.22	J	1.0	0.16	ug/L			03/20/20 14:13	1
Methylcyclohexane	ND		1.0	0.16	ug/L			03/20/20 14:13	1
Methylene Chloride	ND		1.0	0.44	ug/L			03/20/20 14:13	1
Styrene	ND		1.0	0.73	ug/L			03/20/20 14:13	1
Tetrachloroethene	ND		1.0	0.36	ug/L			03/20/20 14:13	1
Toluene	ND		1.0	0.51	ug/L			03/20/20 14:13	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			03/20/20 14:13	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			03/20/20 14:13	1
Trichloroethene	ND		1.0	0.46	ug/L			03/20/20 14:13	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			03/20/20 14:13	1
Vinyl chloride	ND		1.0	0.90	ug/L			03/20/20 14:13	1
Xylenes, Total	ND		2.0	0.66	ug/L			03/20/20 14:13	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	107		77 - 120		03/20/20 14:13	1
Toluene-d8 (Surr)	104		80 - 120		03/20/20 14:13	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: O'Brien & Gere Inc of North America
 Project/Site: Forest Glen Monitoring

Job ID: 480-167606-1

Client Sample ID: MW 10D 031720

Lab Sample ID: 480-167606-3

Date Collected: 03/17/20 13:05

Matrix: Water

Date Received: 03/18/20 17:25

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

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	104		73 - 120		03/20/20 14:13	1
Dibromofluoromethane (Surr)	103		75 - 123		03/20/20 14:13	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	368		2.5	1.4	mg/L			03/20/20 19:34	5
Sulfate	232		10.0	1.7	mg/L			03/20/20 19:34	5
Alkalinity, Bicarbonate	277	B	30.0	12.0	mg/L			03/20/20 21:02	3
Nitrate as N	0.022	J H	0.050	0.020	mg/L			03/19/20 18:29	1
Nitrite as N	ND	H	0.050	0.020	mg/L			03/19/20 18:29	1
Sulfide	ND		1.0	0.67	mg/L			03/23/20 12:55	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dissolved Organic Carbon - Duplicate	3.1		1.0	0.43	mg/L			03/20/20 01:39	1

Client Sample ID: MW 6S 031720

Lab Sample ID: 480-167606-4

Date Collected: 03/17/20 13:22

Matrix: Water

Date Received: 03/18/20 17:25

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			03/20/20 14:37	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			03/20/20 14:37	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			03/20/20 14:37	1
1,1,2-Trichlorotrifluoroethane	ND		1.0	0.31	ug/L			03/20/20 14:37	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			03/20/20 14:37	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			03/20/20 14:37	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			03/20/20 14:37	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			03/20/20 14:37	1
1,2-Dibromoethane (EDB)	ND		1.0	0.73	ug/L			03/20/20 14:37	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			03/20/20 14:37	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			03/20/20 14:37	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			03/20/20 14:37	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			03/20/20 14:37	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			03/20/20 14:37	1
2-Hexanone	ND		5.0	1.2	ug/L			03/20/20 14:37	1
2-Butanone (MEK)	ND		10	1.3	ug/L			03/20/20 14:37	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			03/20/20 14:37	1
Acetone	ND		10	3.0	ug/L			03/20/20 14:37	1
Benzene	ND		1.0	0.41	ug/L			03/20/20 14:37	1
Bromodichloromethane	ND		1.0	0.39	ug/L			03/20/20 14:37	1
Bromoform	ND		1.0	0.26	ug/L			03/20/20 14:37	1
Bromomethane	ND		1.0	0.69	ug/L			03/20/20 14:37	1
Carbon disulfide	ND		1.0	0.19	ug/L			03/20/20 14:37	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			03/20/20 14:37	1
Chlorobenzene	ND		1.0	0.75	ug/L			03/20/20 14:37	1
Chlorodibromomethane	ND		1.0	0.32	ug/L			03/20/20 14:37	1
Chloroethane	ND		1.0	0.32	ug/L			03/20/20 14:37	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: O'Brien & Gere Inc of North America
 Project/Site: Forest Glen Monitoring

Job ID: 480-167606-1

Client Sample ID: MW 6S 031720

Lab Sample ID: 480-167606-4

Date Collected: 03/17/20 13:22

Matrix: Water

Date Received: 03/18/20 17:25

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloroform	ND		1.0	0.34	ug/L			03/20/20 14:37	1
Chloromethane	ND		1.0	0.35	ug/L			03/20/20 14:37	1
cis-1,2-Dichloroethene	38		1.0	0.81	ug/L			03/20/20 14:37	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			03/20/20 14:37	1
Cyclohexane	ND		1.0	0.18	ug/L			03/20/20 14:37	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			03/20/20 14:37	1
Ethylbenzene	ND		1.0	0.74	ug/L			03/20/20 14:37	1
Isopropylbenzene	ND		1.0	0.79	ug/L			03/20/20 14:37	1
Methyl acetate	ND		1.3	1.3	ug/L			03/20/20 14:37	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			03/20/20 14:37	1
Methylcyclohexane	ND		1.0	0.16	ug/L			03/20/20 14:37	1
Methylene Chloride	ND		1.0	0.44	ug/L			03/20/20 14:37	1
Styrene	ND		1.0	0.73	ug/L			03/20/20 14:37	1
Tetrachloroethene	ND		1.0	0.36	ug/L			03/20/20 14:37	1
Toluene	ND		1.0	0.51	ug/L			03/20/20 14:37	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			03/20/20 14:37	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			03/20/20 14:37	1
Trichloroethene	ND		1.0	0.46	ug/L			03/20/20 14:37	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			03/20/20 14:37	1
Vinyl chloride	68		1.0	0.90	ug/L			03/20/20 14:37	1
Xylenes, Total	ND		2.0	0.66	ug/L			03/20/20 14:37	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	104		77 - 120		03/20/20 14:37	1
Toluene-d8 (Surr)	101		80 - 120		03/20/20 14:37	1
4-Bromofluorobenzene (Surr)	98		73 - 120		03/20/20 14:37	1
Dibromofluoromethane (Surr)	101		75 - 123		03/20/20 14:37	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	38.3		2.5	1.4	mg/L			03/20/20 19:42	5
Sulfate	211		10.0	1.7	mg/L			03/20/20 19:42	5
Alkalinity, Bicarbonate	388	B	40.0	16.0	mg/L			03/20/20 21:04	4
Nitrate as N	ND	H	0.050	0.020	mg/L			03/19/20 18:30	1
Nitrite as N	ND	H	0.050	0.020	mg/L			03/19/20 18:30	1
Sulfide	ND		1.0	0.67	mg/L			03/23/20 12:55	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dissolved Organic Carbon - Duplicate	5.8		1.0	0.43	mg/L			03/20/20 01:55	1

Client Sample ID: MW 6D 031720

Lab Sample ID: 480-167606-5

Date Collected: 03/17/20 14:10

Matrix: Water

Date Received: 03/18/20 17:25

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			03/20/20 15:02	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			03/20/20 15:02	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			03/20/20 15:02	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: O'Brien & Gere Inc of North America
 Project/Site: Forest Glen Monitoring

Job ID: 480-167606-1

Client Sample ID: MW 6D 031720

Lab Sample ID: 480-167606-5

Date Collected: 03/17/20 14:10

Matrix: Water

Date Received: 03/18/20 17:25

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2-Trichlorotrifluoroethane	ND		1.0	0.31	ug/L			03/20/20 15:02	1
1,1-Dichloroethane	0.44	J	1.0	0.38	ug/L			03/20/20 15:02	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			03/20/20 15:02	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			03/20/20 15:02	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			03/20/20 15:02	1
1,2-Dibromoethane (EDB)	ND		1.0	0.73	ug/L			03/20/20 15:02	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			03/20/20 15:02	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			03/20/20 15:02	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			03/20/20 15:02	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			03/20/20 15:02	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			03/20/20 15:02	1
2-Hexanone	ND		5.0	1.2	ug/L			03/20/20 15:02	1
2-Butanone (MEK)	ND		10	1.3	ug/L			03/20/20 15:02	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			03/20/20 15:02	1
Acetone	ND		10	3.0	ug/L			03/20/20 15:02	1
Benzene	ND		1.0	0.41	ug/L			03/20/20 15:02	1
Bromodichloromethane	ND		1.0	0.39	ug/L			03/20/20 15:02	1
Bromoform	ND		1.0	0.26	ug/L			03/20/20 15:02	1
Bromomethane	ND		1.0	0.69	ug/L			03/20/20 15:02	1
Carbon disulfide	ND		1.0	0.19	ug/L			03/20/20 15:02	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			03/20/20 15:02	1
Chlorobenzene	ND		1.0	0.75	ug/L			03/20/20 15:02	1
Chlorodibromomethane	ND		1.0	0.32	ug/L			03/20/20 15:02	1
Chloroethane	ND		1.0	0.32	ug/L			03/20/20 15:02	1
Chloroform	ND		1.0	0.34	ug/L			03/20/20 15:02	1
Chloromethane	ND		1.0	0.35	ug/L			03/20/20 15:02	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			03/20/20 15:02	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			03/20/20 15:02	1
Cyclohexane	ND		1.0	0.18	ug/L			03/20/20 15:02	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			03/20/20 15:02	1
Ethylbenzene	ND		1.0	0.74	ug/L			03/20/20 15:02	1
Isopropylbenzene	ND		1.0	0.79	ug/L			03/20/20 15:02	1
Methyl acetate	ND		1.3	1.3	ug/L			03/20/20 15:02	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			03/20/20 15:02	1
Methylcyclohexane	ND		1.0	0.16	ug/L			03/20/20 15:02	1
Methylene Chloride	ND		1.0	0.44	ug/L			03/20/20 15:02	1
Styrene	ND		1.0	0.73	ug/L			03/20/20 15:02	1
Tetrachloroethene	ND		1.0	0.36	ug/L			03/20/20 15:02	1
Toluene	ND		1.0	0.51	ug/L			03/20/20 15:02	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			03/20/20 15:02	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			03/20/20 15:02	1
Trichloroethene	ND		1.0	0.46	ug/L			03/20/20 15:02	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			03/20/20 15:02	1
Vinyl chloride	ND		1.0	0.90	ug/L			03/20/20 15:02	1
Xylenes, Total	ND		2.0	0.66	ug/L			03/20/20 15:02	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	106		77 - 120		03/20/20 15:02	1
Toluene-d8 (Surr)	104		80 - 120		03/20/20 15:02	1
4-Bromofluorobenzene (Surr)	104		73 - 120		03/20/20 15:02	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: O'Brien & Gere Inc of North America
 Project/Site: Forest Glen Monitoring

Job ID: 480-167606-1

Client Sample ID: MW 6D 031720

Lab Sample ID: 480-167606-5

Date Collected: 03/17/20 14:10

Matrix: Water

Date Received: 03/18/20 17:25

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

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Dibromofluoromethane (Surr)	105		75 - 123		03/20/20 15:02	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	179		2.5	1.4	mg/L			03/20/20 20:31	5
Sulfate	270		10.0	1.7	mg/L			03/20/20 20:31	5
Alkalinity, Bicarbonate	315	B	40.0	16.0	mg/L			03/20/20 21:05	4
Nitrate as N	ND		0.050	0.020	mg/L			03/19/20 13:24	1
Nitrite as N	ND		0.050	0.020	mg/L			03/19/20 13:24	1
Sulfide	0.80	J	1.0	0.67	mg/L			03/23/20 12:55	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dissolved Organic Carbon - Duplicate	4.4		1.0	0.43	mg/L			03/20/20 19:42	1

Client Sample ID: MW 10S 031720

Lab Sample ID: 480-167606-6

Date Collected: 03/17/20 14:35

Matrix: Water

Date Received: 03/18/20 17:25

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			03/20/20 15:26	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			03/20/20 15:26	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			03/20/20 15:26	1
1,1,2-Trichlorotrifluoroethane	ND		1.0	0.31	ug/L			03/20/20 15:26	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			03/20/20 15:26	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			03/20/20 15:26	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			03/20/20 15:26	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			03/20/20 15:26	1
1,2-Dibromoethane (EDB)	ND		1.0	0.73	ug/L			03/20/20 15:26	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			03/20/20 15:26	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			03/20/20 15:26	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			03/20/20 15:26	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			03/20/20 15:26	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			03/20/20 15:26	1
2-Hexanone	ND		5.0	1.2	ug/L			03/20/20 15:26	1
2-Butanone (MEK)	ND		10	1.3	ug/L			03/20/20 15:26	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			03/20/20 15:26	1
Acetone	ND		10	3.0	ug/L			03/20/20 15:26	1
Benzene	ND		1.0	0.41	ug/L			03/20/20 15:26	1
Bromodichloromethane	ND		1.0	0.39	ug/L			03/20/20 15:26	1
Bromoform	ND		1.0	0.26	ug/L			03/20/20 15:26	1
Bromomethane	ND		1.0	0.69	ug/L			03/20/20 15:26	1
Carbon disulfide	ND		1.0	0.19	ug/L			03/20/20 15:26	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			03/20/20 15:26	1
Chlorobenzene	ND		1.0	0.75	ug/L			03/20/20 15:26	1
Chlorodibromomethane	ND		1.0	0.32	ug/L			03/20/20 15:26	1
Chloroethane	ND		1.0	0.32	ug/L			03/20/20 15:26	1
Chloroform	ND		1.0	0.34	ug/L			03/20/20 15:26	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: O'Brien & Gere Inc of North America
 Project/Site: Forest Glen Monitoring

Job ID: 480-167606-1

Client Sample ID: MW 10S 031720

Lab Sample ID: 480-167606-6

Date Collected: 03/17/20 14:35

Matrix: Water

Date Received: 03/18/20 17:25

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloromethane	ND		1.0	0.35	ug/L			03/20/20 15:26	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			03/20/20 15:26	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			03/20/20 15:26	1
Cyclohexane	ND		1.0	0.18	ug/L			03/20/20 15:26	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			03/20/20 15:26	1
Ethylbenzene	ND		1.0	0.74	ug/L			03/20/20 15:26	1
Isopropylbenzene	ND		1.0	0.79	ug/L			03/20/20 15:26	1
Methyl acetate	ND		1.3	1.3	ug/L			03/20/20 15:26	1
Methyl tert-butyl ether	0.22	J	1.0	0.16	ug/L			03/20/20 15:26	1
Methylcyclohexane	ND		1.0	0.16	ug/L			03/20/20 15:26	1
Methylene Chloride	ND		1.0	0.44	ug/L			03/20/20 15:26	1
Styrene	ND		1.0	0.73	ug/L			03/20/20 15:26	1
Tetrachloroethene	ND		1.0	0.36	ug/L			03/20/20 15:26	1
Toluene	ND		1.0	0.51	ug/L			03/20/20 15:26	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			03/20/20 15:26	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			03/20/20 15:26	1
Trichloroethene	ND		1.0	0.46	ug/L			03/20/20 15:26	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			03/20/20 15:26	1
Vinyl chloride	ND		1.0	0.90	ug/L			03/20/20 15:26	1
Xylenes, Total	ND		2.0	0.66	ug/L			03/20/20 15:26	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	108		77 - 120		03/20/20 15:26	1
Toluene-d8 (Surr)	106		80 - 120		03/20/20 15:26	1
4-Bromofluorobenzene (Surr)	102		73 - 120		03/20/20 15:26	1
Dibromofluoromethane (Surr)	104		75 - 123		03/20/20 15:26	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	357		2.5	1.4	mg/L			03/20/20 20:39	5
Sulfate	232		10.0	1.7	mg/L			03/20/20 20:39	5
Alkalinity, Bicarbonate	275	B	40.0	16.0	mg/L			03/20/20 21:04	4
Nitrate as N	ND		0.050	0.020	mg/L			03/19/20 13:28	1
Nitrite as N	ND		0.050	0.020	mg/L			03/19/20 13:28	1
Sulfide	ND		1.0	0.67	mg/L			03/23/20 12:55	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dissolved Organic Carbon - Duplicate	3.3		1.0	0.43	mg/L			03/20/20 02:10	1

Client Sample ID: MW 6DD 031720

Lab Sample ID: 480-167606-7

Date Collected: 03/17/20 15:25

Matrix: Water

Date Received: 03/18/20 17:25

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			03/20/20 15:50	1
1,1,1,2-Tetrachloroethane	ND		1.0	0.21	ug/L			03/20/20 15:50	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			03/20/20 15:50	1
1,1,2-Trichlorotrifluoroethane	ND		1.0	0.31	ug/L			03/20/20 15:50	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: O'Brien & Gere Inc of North America
 Project/Site: Forest Glen Monitoring

Job ID: 480-167606-1

Client Sample ID: MW 6DD 031720

Lab Sample ID: 480-167606-7

Date Collected: 03/17/20 15:25

Matrix: Water

Date Received: 03/18/20 17:25

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	0.39	J	1.0	0.38	ug/L			03/20/20 15:50	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			03/20/20 15:50	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			03/20/20 15:50	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			03/20/20 15:50	1
1,2-Dibromoethane (EDB)	ND		1.0	0.73	ug/L			03/20/20 15:50	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			03/20/20 15:50	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			03/20/20 15:50	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			03/20/20 15:50	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			03/20/20 15:50	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			03/20/20 15:50	1
2-Hexanone	ND		5.0	1.2	ug/L			03/20/20 15:50	1
2-Butanone (MEK)	ND		10	1.3	ug/L			03/20/20 15:50	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			03/20/20 15:50	1
Acetone	ND		10	3.0	ug/L			03/20/20 15:50	1
Benzene	ND		1.0	0.41	ug/L			03/20/20 15:50	1
Bromodichloromethane	ND		1.0	0.39	ug/L			03/20/20 15:50	1
Bromoform	ND		1.0	0.26	ug/L			03/20/20 15:50	1
Bromomethane	ND		1.0	0.69	ug/L			03/20/20 15:50	1
Carbon disulfide	ND		1.0	0.19	ug/L			03/20/20 15:50	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			03/20/20 15:50	1
Chlorobenzene	ND		1.0	0.75	ug/L			03/20/20 15:50	1
Chlorodibromomethane	ND		1.0	0.32	ug/L			03/20/20 15:50	1
Chloroethane	ND		1.0	0.32	ug/L			03/20/20 15:50	1
Chloroform	ND		1.0	0.34	ug/L			03/20/20 15:50	1
Chloromethane	ND		1.0	0.35	ug/L			03/20/20 15:50	1
cis-1,2-Dichloroethene	15		1.0	0.81	ug/L			03/20/20 15:50	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			03/20/20 15:50	1
Cyclohexane	ND		1.0	0.18	ug/L			03/20/20 15:50	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			03/20/20 15:50	1
Ethylbenzene	ND		1.0	0.74	ug/L			03/20/20 15:50	1
Isopropylbenzene	ND		1.0	0.79	ug/L			03/20/20 15:50	1
Methyl acetate	ND		1.3	1.3	ug/L			03/20/20 15:50	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			03/20/20 15:50	1
Methylcyclohexane	ND		1.0	0.16	ug/L			03/20/20 15:50	1
Methylene Chloride	ND		1.0	0.44	ug/L			03/20/20 15:50	1
Styrene	ND		1.0	0.73	ug/L			03/20/20 15:50	1
Tetrachloroethene	ND		1.0	0.36	ug/L			03/20/20 15:50	1
Toluene	ND		1.0	0.51	ug/L			03/20/20 15:50	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			03/20/20 15:50	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			03/20/20 15:50	1
Trichloroethene	ND		1.0	0.46	ug/L			03/20/20 15:50	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			03/20/20 15:50	1
Vinyl chloride	1.3		1.0	0.90	ug/L			03/20/20 15:50	1
Xylenes, Total	ND		2.0	0.66	ug/L			03/20/20 15:50	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	105		77 - 120		03/20/20 15:50	1
Toluene-d8 (Surr)	104		80 - 120		03/20/20 15:50	1
4-Bromofluorobenzene (Surr)	106		73 - 120		03/20/20 15:50	1
Dibromofluoromethane (Surr)	103		75 - 123		03/20/20 15:50	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: O'Brien & Gere Inc of North America
 Project/Site: Forest Glen Monitoring

Job ID: 480-167606-1

Client Sample ID: MW 6DD 031720

Lab Sample ID: 480-167606-7

Date Collected: 03/17/20 15:25

Matrix: Water

Date Received: 03/18/20 17:25

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	172		2.5	1.4	mg/L			03/20/20 20:47	5
Sulfate	192		10.0	1.7	mg/L			03/20/20 20:47	5
Alkalinity, Bicarbonate	277	B	30.0	12.0	mg/L			03/20/20 21:05	3
Nitrate as N	0.023	J	0.050	0.020	mg/L			03/19/20 13:29	1
Nitrite as N	ND		0.050	0.020	mg/L			03/19/20 13:29	1
Sulfide	ND		1.0	0.67	mg/L			03/23/20 12:55	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dissolved Organic Carbon - Duplicate	4.1		1.0	0.43	mg/L			03/20/20 19:57	1

Client Sample ID: X-1 031720

Lab Sample ID: 480-167606-8

Date Collected: 03/17/20 00:00

Matrix: Water

Date Received: 03/18/20 17:25

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			03/20/20 16:15	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			03/20/20 16:15	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			03/20/20 16:15	1
1,1,2-Trichlorotrifluoroethane	ND		1.0	0.31	ug/L			03/20/20 16:15	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			03/20/20 16:15	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			03/20/20 16:15	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			03/20/20 16:15	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			03/20/20 16:15	1
1,2-Dibromoethane (EDB)	ND		1.0	0.73	ug/L			03/20/20 16:15	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			03/20/20 16:15	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			03/20/20 16:15	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			03/20/20 16:15	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			03/20/20 16:15	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			03/20/20 16:15	1
2-Hexanone	ND		5.0	1.2	ug/L			03/20/20 16:15	1
2-Butanone (MEK)	ND		10	1.3	ug/L			03/20/20 16:15	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			03/20/20 16:15	1
Acetone	ND		10	3.0	ug/L			03/20/20 16:15	1
Benzene	ND		1.0	0.41	ug/L			03/20/20 16:15	1
Bromodichloromethane	ND		1.0	0.39	ug/L			03/20/20 16:15	1
Bromoform	ND		1.0	0.26	ug/L			03/20/20 16:15	1
Bromomethane	ND		1.0	0.69	ug/L			03/20/20 16:15	1
Carbon disulfide	ND		1.0	0.19	ug/L			03/20/20 16:15	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			03/20/20 16:15	1
Chlorobenzene	ND		1.0	0.75	ug/L			03/20/20 16:15	1
Chlorodibromomethane	ND		1.0	0.32	ug/L			03/20/20 16:15	1
Chloroethane	ND		1.0	0.32	ug/L			03/20/20 16:15	1
Chloroform	ND		1.0	0.34	ug/L			03/20/20 16:15	1
Chloromethane	ND		1.0	0.35	ug/L			03/20/20 16:15	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			03/20/20 16:15	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			03/20/20 16:15	1
Cyclohexane	ND		1.0	0.18	ug/L			03/20/20 16:15	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: O'Brien & Gere Inc of North America
Project/Site: Forest Glen Monitoring

Job ID: 480-167606-1

Client Sample ID: X-1 031720

Lab Sample ID: 480-167606-8

Date Collected: 03/17/20 00:00

Matrix: Water

Date Received: 03/18/20 17:25

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			03/20/20 16:15	1
Ethylbenzene	ND		1.0	0.74	ug/L			03/20/20 16:15	1
Isopropylbenzene	ND		1.0	0.79	ug/L			03/20/20 16:15	1
Methyl acetate	ND		1.3	1.3	ug/L			03/20/20 16:15	1
Methyl tert-butyl ether	0.22	J	1.0	0.16	ug/L			03/20/20 16:15	1
Methylcyclohexane	ND		1.0	0.16	ug/L			03/20/20 16:15	1
Methylene Chloride	ND		1.0	0.44	ug/L			03/20/20 16:15	1
Styrene	ND		1.0	0.73	ug/L			03/20/20 16:15	1
Tetrachloroethene	ND		1.0	0.36	ug/L			03/20/20 16:15	1
Toluene	ND		1.0	0.51	ug/L			03/20/20 16:15	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			03/20/20 16:15	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			03/20/20 16:15	1
Trichloroethene	ND		1.0	0.46	ug/L			03/20/20 16:15	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			03/20/20 16:15	1
Vinyl chloride	ND		1.0	0.90	ug/L			03/20/20 16:15	1
Xylenes, Total	ND		2.0	0.66	ug/L			03/20/20 16:15	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	104		77 - 120		03/20/20 16:15	1
Toluene-d8 (Surr)	105		80 - 120		03/20/20 16:15	1
4-Bromofluorobenzene (Surr)	104		73 - 120		03/20/20 16:15	1
Dibromofluoromethane (Surr)	101		75 - 123		03/20/20 16:15	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	366		2.5	1.4	mg/L			03/20/20 20:56	5
Sulfate	231		10.0	1.7	mg/L			03/20/20 20:56	5
Alkalinity, Bicarbonate	284		50.0	20.0	mg/L			03/20/20 20:26	5
Nitrate as N	ND	H	0.050	0.020	mg/L			03/19/20 18:31	1
Nitrite as N	ND	H	0.050	0.020	mg/L			03/19/20 18:31	1
Sulfide	ND		1.0	0.67	mg/L			03/23/20 12:55	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dissolved Organic Carbon - Duplicate	3.1		1.0	0.43	mg/L			03/20/20 02:26	1

Client Sample ID: MW 8 D 031720

Lab Sample ID: 480-167606-9

Date Collected: 03/18/20 10:05

Matrix: Water

Date Received: 03/18/20 17:25

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			03/20/20 16:39	1
1,1,1,2-Tetrachloroethane	ND		1.0	0.21	ug/L			03/20/20 16:39	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			03/20/20 16:39	1
1,1,2-Trichlorotrifluoroethane	ND		1.0	0.31	ug/L			03/20/20 16:39	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			03/20/20 16:39	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			03/20/20 16:39	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			03/20/20 16:39	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			03/20/20 16:39	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: O'Brien & Gere Inc of North America
 Project/Site: Forest Glen Monitoring

Job ID: 480-167606-1

Client Sample ID: MW 8 D 031720

Lab Sample ID: 480-167606-9

Date Collected: 03/18/20 10:05

Matrix: Water

Date Received: 03/18/20 17:25

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane (EDB)	ND		1.0	0.73	ug/L			03/20/20 16:39	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			03/20/20 16:39	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			03/20/20 16:39	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			03/20/20 16:39	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			03/20/20 16:39	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			03/20/20 16:39	1
2-Hexanone	ND		5.0	1.2	ug/L			03/20/20 16:39	1
2-Butanone (MEK)	ND		10	1.3	ug/L			03/20/20 16:39	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			03/20/20 16:39	1
Acetone	ND		10	3.0	ug/L			03/20/20 16:39	1
Benzene	ND		1.0	0.41	ug/L			03/20/20 16:39	1
Bromodichloromethane	ND		1.0	0.39	ug/L			03/20/20 16:39	1
Bromoform	ND		1.0	0.26	ug/L			03/20/20 16:39	1
Bromomethane	ND		1.0	0.69	ug/L			03/20/20 16:39	1
Carbon disulfide	ND		1.0	0.19	ug/L			03/20/20 16:39	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			03/20/20 16:39	1
Chlorobenzene	ND		1.0	0.75	ug/L			03/20/20 16:39	1
Chlorodibromomethane	ND		1.0	0.32	ug/L			03/20/20 16:39	1
Chloroethane	ND		1.0	0.32	ug/L			03/20/20 16:39	1
Chloroform	ND		1.0	0.34	ug/L			03/20/20 16:39	1
Chloromethane	ND		1.0	0.35	ug/L			03/20/20 16:39	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			03/20/20 16:39	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			03/20/20 16:39	1
Cyclohexane	ND		1.0	0.18	ug/L			03/20/20 16:39	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			03/20/20 16:39	1
Ethylbenzene	ND		1.0	0.74	ug/L			03/20/20 16:39	1
Isopropylbenzene	ND		1.0	0.79	ug/L			03/20/20 16:39	1
Methyl acetate	ND		1.3	1.3	ug/L			03/20/20 16:39	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			03/20/20 16:39	1
Methylcyclohexane	ND		1.0	0.16	ug/L			03/20/20 16:39	1
Methylene Chloride	ND		1.0	0.44	ug/L			03/20/20 16:39	1
Styrene	ND		1.0	0.73	ug/L			03/20/20 16:39	1
Tetrachloroethene	ND		1.0	0.36	ug/L			03/20/20 16:39	1
Toluene	ND		1.0	0.51	ug/L			03/20/20 16:39	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			03/20/20 16:39	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			03/20/20 16:39	1
Trichloroethene	ND		1.0	0.46	ug/L			03/20/20 16:39	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			03/20/20 16:39	1
Vinyl chloride	ND		1.0	0.90	ug/L			03/20/20 16:39	1
Xylenes, Total	ND		2.0	0.66	ug/L			03/20/20 16:39	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	106		77 - 120		03/20/20 16:39	1
Toluene-d8 (Surr)	105		80 - 120		03/20/20 16:39	1
4-Bromofluorobenzene (Surr)	103		73 - 120		03/20/20 16:39	1
Dibromofluoromethane (Surr)	103		75 - 123		03/20/20 16:39	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	93.6		2.5	1.4	mg/L			03/20/20 21:04	5

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: O'Brien & Gere Inc of North America
Project/Site: Forest Glen Monitoring

Job ID: 480-167606-1

Client Sample ID: MW 8 D 031720

Lab Sample ID: 480-167606-9

Date Collected: 03/18/20 10:05

Matrix: Water

Date Received: 03/18/20 17:25

General Chemistry (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	119		10.0	1.7	mg/L			03/20/20 21:04	5
Alkalinity, Bicarbonate	288		50.0	20.0	mg/L			03/20/20 20:26	5
Nitrate as N	0.023	J	0.050	0.020	mg/L			03/19/20 18:32	1
Nitrite as N	ND		0.050	0.020	mg/L			03/19/20 18:32	1
Sulfide	0.80	J	1.0	0.67	mg/L			03/23/20 12:55	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dissolved Organic Carbon - Duplicate	4.4		1.0	0.43	mg/L			03/20/20 02:41	1

Client Sample ID: MW 8DD 031720

Lab Sample ID: 480-167606-10

Date Collected: 03/18/20 10:10

Matrix: Water

Date Received: 03/18/20 17:25

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			03/20/20 17:04	1
1,1,1,2-Tetrachloroethane	ND		1.0	0.21	ug/L			03/20/20 17:04	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			03/20/20 17:04	1
1,1,2-Trichlorotrifluoroethane	ND		1.0	0.31	ug/L			03/20/20 17:04	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			03/20/20 17:04	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			03/20/20 17:04	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			03/20/20 17:04	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			03/20/20 17:04	1
1,2-Dibromoethane (EDB)	ND		1.0	0.73	ug/L			03/20/20 17:04	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			03/20/20 17:04	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			03/20/20 17:04	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			03/20/20 17:04	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			03/20/20 17:04	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			03/20/20 17:04	1
2-Hexanone	ND		5.0	1.2	ug/L			03/20/20 17:04	1
2-Butanone (MEK)	ND		10	1.3	ug/L			03/20/20 17:04	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			03/20/20 17:04	1
Acetone	ND		10	3.0	ug/L			03/20/20 17:04	1
Benzene	ND		1.0	0.41	ug/L			03/20/20 17:04	1
Bromodichloromethane	ND		1.0	0.39	ug/L			03/20/20 17:04	1
Bromoform	ND		1.0	0.26	ug/L			03/20/20 17:04	1
Bromomethane	ND		1.0	0.69	ug/L			03/20/20 17:04	1
Carbon disulfide	ND		1.0	0.19	ug/L			03/20/20 17:04	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			03/20/20 17:04	1
Chlorobenzene	ND		1.0	0.75	ug/L			03/20/20 17:04	1
Chlorodibromomethane	ND		1.0	0.32	ug/L			03/20/20 17:04	1
Chloroethane	ND		1.0	0.32	ug/L			03/20/20 17:04	1
Chloroform	ND		1.0	0.34	ug/L			03/20/20 17:04	1
Chloromethane	ND		1.0	0.35	ug/L			03/20/20 17:04	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			03/20/20 17:04	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			03/20/20 17:04	1
Cyclohexane	ND		1.0	0.18	ug/L			03/20/20 17:04	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			03/20/20 17:04	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: O'Brien & Gere Inc of North America
Project/Site: Forest Glen Monitoring

Job ID: 480-167606-1

Client Sample ID: MW 8DD 031720

Lab Sample ID: 480-167606-10

Date Collected: 03/18/20 10:10

Matrix: Water

Date Received: 03/18/20 17:25

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylbenzene	ND		1.0	0.74	ug/L			03/20/20 17:04	1
Isopropylbenzene	ND		1.0	0.79	ug/L			03/20/20 17:04	1
Methyl acetate	ND		1.3	1.3	ug/L			03/20/20 17:04	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			03/20/20 17:04	1
Methylcyclohexane	ND		1.0	0.16	ug/L			03/20/20 17:04	1
Methylene Chloride	ND		1.0	0.44	ug/L			03/20/20 17:04	1
Styrene	ND		1.0	0.73	ug/L			03/20/20 17:04	1
Tetrachloroethene	ND		1.0	0.36	ug/L			03/20/20 17:04	1
Toluene	ND		1.0	0.51	ug/L			03/20/20 17:04	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			03/20/20 17:04	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			03/20/20 17:04	1
Trichloroethene	ND		1.0	0.46	ug/L			03/20/20 17:04	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			03/20/20 17:04	1
Vinyl chloride	ND		1.0	0.90	ug/L			03/20/20 17:04	1
Xylenes, Total	ND		2.0	0.66	ug/L			03/20/20 17:04	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	105		77 - 120		03/20/20 17:04	1
Toluene-d8 (Surr)	101		80 - 120		03/20/20 17:04	1
4-Bromofluorobenzene (Surr)	94		73 - 120		03/20/20 17:04	1
Dibromofluoromethane (Surr)	103		75 - 123		03/20/20 17:04	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	54.4		2.5	1.4	mg/L			03/20/20 21:12	5
Sulfate	112		10.0	1.7	mg/L			03/20/20 21:12	5
Alkalinity, Bicarbonate	224		50.0	20.0	mg/L			03/20/20 20:26	5
Nitrate as N	ND		0.050	0.020	mg/L			03/19/20 18:38	1
Nitrite as N	ND		0.050	0.020	mg/L			03/19/20 18:38	1
Sulfide	ND		1.0	0.67	mg/L			03/23/20 12:55	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dissolved Organic Carbon - Duplicate	3.9		1.0	0.43	mg/L			03/20/20 03:28	1

Client Sample ID: MW-8S 031720

Lab Sample ID: 480-167606-11

Date Collected: 03/18/20 11:50

Matrix: Water

Date Received: 03/18/20 17:25

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			03/20/20 17:28	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			03/20/20 17:28	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			03/20/20 17:28	1
1,1,2-Trichlorotrifluoroethane	ND		1.0	0.31	ug/L			03/20/20 17:28	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			03/20/20 17:28	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			03/20/20 17:28	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			03/20/20 17:28	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			03/20/20 17:28	1
1,2-Dibromoethane (EDB)	ND		1.0	0.73	ug/L			03/20/20 17:28	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: O'Brien & Gere Inc of North America
 Project/Site: Forest Glen Monitoring

Job ID: 480-167606-1

Client Sample ID: MW-8S 031720

Lab Sample ID: 480-167606-11

Date Collected: 03/18/20 11:50

Matrix: Water

Date Received: 03/18/20 17:25

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			03/20/20 17:28	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			03/20/20 17:28	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			03/20/20 17:28	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			03/20/20 17:28	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			03/20/20 17:28	1
2-Hexanone	ND		5.0	1.2	ug/L			03/20/20 17:28	1
2-Butanone (MEK)	ND		10	1.3	ug/L			03/20/20 17:28	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			03/20/20 17:28	1
Acetone	ND		10	3.0	ug/L			03/20/20 17:28	1
Benzene	ND		1.0	0.41	ug/L			03/20/20 17:28	1
Bromodichloromethane	ND		1.0	0.39	ug/L			03/20/20 17:28	1
Bromoform	ND		1.0	0.26	ug/L			03/20/20 17:28	1
Bromomethane	ND		1.0	0.69	ug/L			03/20/20 17:28	1
Carbon disulfide	ND		1.0	0.19	ug/L			03/20/20 17:28	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			03/20/20 17:28	1
Chlorobenzene	ND		1.0	0.75	ug/L			03/20/20 17:28	1
Chlorodibromomethane	ND		1.0	0.32	ug/L			03/20/20 17:28	1
Chloroethane	ND		1.0	0.32	ug/L			03/20/20 17:28	1
Chloroform	ND		1.0	0.34	ug/L			03/20/20 17:28	1
Chloromethane	ND		1.0	0.35	ug/L			03/20/20 17:28	1
cis-1,2-Dichloroethene	2.2		1.0	0.81	ug/L			03/20/20 17:28	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			03/20/20 17:28	1
Cyclohexane	ND		1.0	0.18	ug/L			03/20/20 17:28	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			03/20/20 17:28	1
Ethylbenzene	ND		1.0	0.74	ug/L			03/20/20 17:28	1
Isopropylbenzene	ND		1.0	0.79	ug/L			03/20/20 17:28	1
Methyl acetate	ND		1.3	1.3	ug/L			03/20/20 17:28	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			03/20/20 17:28	1
Methylcyclohexane	ND		1.0	0.16	ug/L			03/20/20 17:28	1
Methylene Chloride	ND		1.0	0.44	ug/L			03/20/20 17:28	1
Styrene	ND		1.0	0.73	ug/L			03/20/20 17:28	1
Tetrachloroethene	0.50 J		1.0	0.36	ug/L			03/20/20 17:28	1
Toluene	ND		1.0	0.51	ug/L			03/20/20 17:28	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			03/20/20 17:28	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			03/20/20 17:28	1
Trichloroethene	2.3		1.0	0.46	ug/L			03/20/20 17:28	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			03/20/20 17:28	1
Vinyl chloride	ND		1.0	0.90	ug/L			03/20/20 17:28	1
Xylenes, Total	ND		2.0	0.66	ug/L			03/20/20 17:28	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	107		77 - 120		03/20/20 17:28	1
Toluene-d8 (Surr)	104		80 - 120		03/20/20 17:28	1
4-Bromofluorobenzene (Surr)	102		73 - 120		03/20/20 17:28	1
Dibromofluoromethane (Surr)	104		75 - 123		03/20/20 17:28	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	8.9		1.0	0.56	mg/L			03/20/20 21:53	2
Sulfate	63.8		4.0	0.70	mg/L			03/20/20 21:53	2

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: O'Brien & Gere Inc of North America
 Project/Site: Forest Glen Monitoring

Job ID: 480-167606-1

Client Sample ID: MW-8S 031720

Lab Sample ID: 480-167606-11

Date Collected: 03/18/20 11:50

Matrix: Water

Date Received: 03/18/20 17:25

General Chemistry (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Alkalinity, Bicarbonate	204	B	30.0	12.0	mg/L			03/20/20 21:06	3
Nitrate as N	ND		0.050	0.020	mg/L			03/19/20 18:41	1
Nitrite as N	0.049	J B	0.050	0.020	mg/L			03/19/20 19:55	1
Sulfide	ND		1.0	0.67	mg/L			03/23/20 12:55	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dissolved Organic Carbon - Duplicate	3.1		1.0	0.43	mg/L			03/20/20 03:43	1

Client Sample ID: MW 7DD 031820

Lab Sample ID: 480-167606-12

Date Collected: 03/18/20 12:45

Matrix: Water

Date Received: 03/18/20 17:25

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			03/20/20 17:52	1
1,1,1,2-Tetrachloroethane	ND		1.0	0.21	ug/L			03/20/20 17:52	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			03/20/20 17:52	1
1,1,2-Trichlorotrifluoroethane	ND		1.0	0.31	ug/L			03/20/20 17:52	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			03/20/20 17:52	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			03/20/20 17:52	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			03/20/20 17:52	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			03/20/20 17:52	1
1,2-Dibromoethane (EDB)	ND		1.0	0.73	ug/L			03/20/20 17:52	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			03/20/20 17:52	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			03/20/20 17:52	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			03/20/20 17:52	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			03/20/20 17:52	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			03/20/20 17:52	1
2-Hexanone	ND		5.0	1.2	ug/L			03/20/20 17:52	1
2-Butanone (MEK)	ND		10	1.3	ug/L			03/20/20 17:52	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			03/20/20 17:52	1
Acetone	ND		10	3.0	ug/L			03/20/20 17:52	1
Benzene	ND		1.0	0.41	ug/L			03/20/20 17:52	1
Bromodichloromethane	ND		1.0	0.39	ug/L			03/20/20 17:52	1
Bromoform	ND		1.0	0.26	ug/L			03/20/20 17:52	1
Bromomethane	ND		1.0	0.69	ug/L			03/20/20 17:52	1
Carbon disulfide	ND		1.0	0.19	ug/L			03/20/20 17:52	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			03/20/20 17:52	1
Chlorobenzene	ND		1.0	0.75	ug/L			03/20/20 17:52	1
Chlorodibromomethane	ND		1.0	0.32	ug/L			03/20/20 17:52	1
Chloroethane	ND		1.0	0.32	ug/L			03/20/20 17:52	1
Chloroform	ND		1.0	0.34	ug/L			03/20/20 17:52	1
Chloromethane	ND		1.0	0.35	ug/L			03/20/20 17:52	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			03/20/20 17:52	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			03/20/20 17:52	1
Cyclohexane	ND		1.0	0.18	ug/L			03/20/20 17:52	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			03/20/20 17:52	1
Ethylbenzene	ND		1.0	0.74	ug/L			03/20/20 17:52	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: O'Brien & Gere Inc of North America
 Project/Site: Forest Glen Monitoring

Job ID: 480-167606-1

Client Sample ID: MW 7DD 031820

Lab Sample ID: 480-167606-12

Date Collected: 03/18/20 12:45

Matrix: Water

Date Received: 03/18/20 17:25

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Isopropylbenzene	ND		1.0	0.79	ug/L			03/20/20 17:52	1
Methyl acetate	ND		1.3	1.3	ug/L			03/20/20 17:52	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			03/20/20 17:52	1
Methylcyclohexane	ND		1.0	0.16	ug/L			03/20/20 17:52	1
Methylene Chloride	ND		1.0	0.44	ug/L			03/20/20 17:52	1
Styrene	ND		1.0	0.73	ug/L			03/20/20 17:52	1
Tetrachloroethene	ND		1.0	0.36	ug/L			03/20/20 17:52	1
Toluene	ND		1.0	0.51	ug/L			03/20/20 17:52	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			03/20/20 17:52	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			03/20/20 17:52	1
Trichloroethene	0.62	J	1.0	0.46	ug/L			03/20/20 17:52	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			03/20/20 17:52	1
Vinyl chloride	ND		1.0	0.90	ug/L			03/20/20 17:52	1
Xylenes, Total	ND		2.0	0.66	ug/L			03/20/20 17:52	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	102		77 - 120					03/20/20 17:52	1
Toluene-d8 (Surr)	102		80 - 120					03/20/20 17:52	1
4-Bromofluorobenzene (Surr)	97		73 - 120					03/20/20 17:52	1
Dibromofluoromethane (Surr)	101		75 - 123					03/20/20 17:52	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	29.1		1.0	0.56	mg/L			03/20/20 22:01	2
Sulfate	85.0		4.0	0.70	mg/L			03/20/20 22:01	2
Alkalinity, Bicarbonate	215		50.0	20.0	mg/L			03/20/20 20:27	5
Nitrate as N	0.20		0.050	0.020	mg/L			03/19/20 18:42	1
Nitrite as N	0.045	J B	0.050	0.020	mg/L			03/19/20 19:56	1
Sulfide	ND		1.0	0.67	mg/L			03/23/20 12:55	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dissolved Organic Carbon - Duplicate	4.2		1.0	0.43	mg/L			03/20/20 03:59	1

Client Sample ID: MW 7S 031820

Lab Sample ID: 480-167606-13

Date Collected: 03/18/20 14:40

Matrix: Water

Date Received: 03/18/20 17:25

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			03/20/20 18:17	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			03/20/20 18:17	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			03/20/20 18:17	1
1,1,2-Trichlorotrifluoroethane	ND		1.0	0.31	ug/L			03/20/20 18:17	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			03/20/20 18:17	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			03/20/20 18:17	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			03/20/20 18:17	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			03/20/20 18:17	1
1,2-Dibromoethane (EDB)	ND		1.0	0.73	ug/L			03/20/20 18:17	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			03/20/20 18:17	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: O'Brien & Gere Inc of North America
 Project/Site: Forest Glen Monitoring

Job ID: 480-167606-1

Client Sample ID: MW 7S 031820

Lab Sample ID: 480-167606-13

Date Collected: 03/18/20 14:40

Matrix: Water

Date Received: 03/18/20 17:25

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane	ND		1.0	0.21	ug/L			03/20/20 18:17	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			03/20/20 18:17	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			03/20/20 18:17	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			03/20/20 18:17	1
2-Hexanone	ND		5.0	1.2	ug/L			03/20/20 18:17	1
2-Butanone (MEK)	ND		10	1.3	ug/L			03/20/20 18:17	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			03/20/20 18:17	1
Acetone	ND		10	3.0	ug/L			03/20/20 18:17	1
Benzene	ND		1.0	0.41	ug/L			03/20/20 18:17	1
Bromodichloromethane	ND		1.0	0.39	ug/L			03/20/20 18:17	1
Bromoform	ND		1.0	0.26	ug/L			03/20/20 18:17	1
Bromomethane	ND		1.0	0.69	ug/L			03/20/20 18:17	1
Carbon disulfide	ND		1.0	0.19	ug/L			03/20/20 18:17	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			03/20/20 18:17	1
Chlorobenzene	ND		1.0	0.75	ug/L			03/20/20 18:17	1
Chlorodibromomethane	ND		1.0	0.32	ug/L			03/20/20 18:17	1
Chloroethane	ND		1.0	0.32	ug/L			03/20/20 18:17	1
Chloroform	ND		1.0	0.34	ug/L			03/20/20 18:17	1
Chloromethane	ND		1.0	0.35	ug/L			03/20/20 18:17	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			03/20/20 18:17	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			03/20/20 18:17	1
Cyclohexane	ND		1.0	0.18	ug/L			03/20/20 18:17	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			03/20/20 18:17	1
Ethylbenzene	ND		1.0	0.74	ug/L			03/20/20 18:17	1
Isopropylbenzene	ND		1.0	0.79	ug/L			03/20/20 18:17	1
Methyl acetate	ND		1.3	1.3	ug/L			03/20/20 18:17	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			03/20/20 18:17	1
Methylcyclohexane	ND		1.0	0.16	ug/L			03/20/20 18:17	1
Methylene Chloride	ND		1.0	0.44	ug/L			03/20/20 18:17	1
Styrene	ND		1.0	0.73	ug/L			03/20/20 18:17	1
Tetrachloroethene	0.50	J	1.0	0.36	ug/L			03/20/20 18:17	1
Toluene	ND		1.0	0.51	ug/L			03/20/20 18:17	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			03/20/20 18:17	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			03/20/20 18:17	1
Trichloroethene	1.6		1.0	0.46	ug/L			03/20/20 18:17	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			03/20/20 18:17	1
Vinyl chloride	ND		1.0	0.90	ug/L			03/20/20 18:17	1
Xylenes, Total	ND		2.0	0.66	ug/L			03/20/20 18:17	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	109		77 - 120		03/20/20 18:17	1
Toluene-d8 (Surr)	104		80 - 120		03/20/20 18:17	1
4-Bromofluorobenzene (Surr)	104		73 - 120		03/20/20 18:17	1
Dibromofluoromethane (Surr)	106		75 - 123		03/20/20 18:17	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	58.6		1.0	0.56	mg/L			03/20/20 22:09	2
Sulfate	73.4		4.0	0.70	mg/L			03/20/20 22:09	2
Alkalinity, Bicarbonate	220		50.0	20.0	mg/L			03/20/20 20:28	5

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: O'Brien & Gere Inc of North America
 Project/Site: Forest Glen Monitoring

Job ID: 480-167606-1

Client Sample ID: MW 7S 031820

Lab Sample ID: 480-167606-13

Date Collected: 03/18/20 14:40

Matrix: Water

Date Received: 03/18/20 17:25

General Chemistry (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrate as N	0.62		0.050	0.020	mg/L			03/19/20 18:43	1
Nitrite as N	ND		0.050	0.020	mg/L			03/19/20 19:58	1
Sulfide	ND		1.0	0.67	mg/L			03/23/20 12:55	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dissolved Organic Carbon - Duplicate	3.2		1.0	0.43	mg/L			03/20/20 04:14	1

Client Sample ID: MW 7D 031820

Lab Sample ID: 480-167606-14

Date Collected: 03/18/20 14:50

Matrix: Water

Date Received: 03/18/20 17:25

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			03/20/20 18:41	1
1,1,1,2-Tetrachloroethane	ND		1.0	0.21	ug/L			03/20/20 18:41	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			03/20/20 18:41	1
1,1,2-Trichlorotrifluoroethane	ND		1.0	0.31	ug/L			03/20/20 18:41	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			03/20/20 18:41	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			03/20/20 18:41	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			03/20/20 18:41	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			03/20/20 18:41	1
1,2-Dibromoethane (EDB)	ND		1.0	0.73	ug/L			03/20/20 18:41	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			03/20/20 18:41	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			03/20/20 18:41	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			03/20/20 18:41	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			03/20/20 18:41	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			03/20/20 18:41	1
2-Hexanone	ND		5.0	1.2	ug/L			03/20/20 18:41	1
2-Butanone (MEK)	ND		10	1.3	ug/L			03/20/20 18:41	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			03/20/20 18:41	1
Acetone	ND		10	3.0	ug/L			03/20/20 18:41	1
Benzene	ND		1.0	0.41	ug/L			03/20/20 18:41	1
Bromodichloromethane	ND		1.0	0.39	ug/L			03/20/20 18:41	1
Bromoform	ND		1.0	0.26	ug/L			03/20/20 18:41	1
Bromomethane	ND		1.0	0.69	ug/L			03/20/20 18:41	1
Carbon disulfide	ND		1.0	0.19	ug/L			03/20/20 18:41	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			03/20/20 18:41	1
Chlorobenzene	ND		1.0	0.75	ug/L			03/20/20 18:41	1
Chlorodibromomethane	ND		1.0	0.32	ug/L			03/20/20 18:41	1
Chloroethane	ND		1.0	0.32	ug/L			03/20/20 18:41	1
Chloroform	ND		1.0	0.34	ug/L			03/20/20 18:41	1
Chloromethane	ND		1.0	0.35	ug/L			03/20/20 18:41	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			03/20/20 18:41	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			03/20/20 18:41	1
Cyclohexane	ND		1.0	0.18	ug/L			03/20/20 18:41	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			03/20/20 18:41	1
Ethylbenzene	ND		1.0	0.74	ug/L			03/20/20 18:41	1
Isopropylbenzene	ND		1.0	0.79	ug/L			03/20/20 18:41	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: O'Brien & Gere Inc of North America
Project/Site: Forest Glen Monitoring

Job ID: 480-167606-1

Client Sample ID: MW 7D 031820

Lab Sample ID: 480-167606-14

Date Collected: 03/18/20 14:50

Matrix: Water

Date Received: 03/18/20 17:25

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl acetate	ND		1.3	1.3	ug/L			03/20/20 18:41	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			03/20/20 18:41	1
Methylcyclohexane	ND		1.0	0.16	ug/L			03/20/20 18:41	1
Methylene Chloride	ND		1.0	0.44	ug/L			03/20/20 18:41	1
Styrene	ND		1.0	0.73	ug/L			03/20/20 18:41	1
Tetrachloroethene	0.45	J	1.0	0.36	ug/L			03/20/20 18:41	1
Toluene	ND		1.0	0.51	ug/L			03/20/20 18:41	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			03/20/20 18:41	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			03/20/20 18:41	1
Trichloroethene	1.6		1.0	0.46	ug/L			03/20/20 18:41	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			03/20/20 18:41	1
Vinyl chloride	ND		1.0	0.90	ug/L			03/20/20 18:41	1
Xylenes, Total	ND		2.0	0.66	ug/L			03/20/20 18:41	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	106		77 - 120		03/20/20 18:41	1
Toluene-d8 (Surr)	100		80 - 120		03/20/20 18:41	1
4-Bromofluorobenzene (Surr)	93		73 - 120		03/20/20 18:41	1
Dibromofluoromethane (Surr)	103		75 - 123		03/20/20 18:41	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	39.9		1.0	0.56	mg/L			03/20/20 22:17	2
Sulfate	50.7		4.0	0.70	mg/L			03/20/20 22:17	2
Alkalinity, Bicarbonate	210		50.0	20.0	mg/L			03/20/20 20:28	5
Nitrate as N	0.44		0.050	0.020	mg/L			03/19/20 18:45	1
Nitrite as N	0.042	J B	0.050	0.020	mg/L			03/19/20 19:59	1
Sulfide	ND		1.0	0.67	mg/L			03/23/20 12:55	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dissolved Organic Carbon - Duplicate	4.9		1.0	0.43	mg/L			03/20/20 04:30	1

Client Sample ID: QC TRIP BLANK

Lab Sample ID: 480-167606-15

Date Collected: 03/18/20 00:00

Matrix: Water

Date Received: 03/18/20 17:25

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			03/20/20 19:06	1
1,1,1,2-Tetrachloroethane	ND		1.0	0.21	ug/L			03/20/20 19:06	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			03/20/20 19:06	1
1,1,2-Trichlorotrifluoroethane	ND		1.0	0.31	ug/L			03/20/20 19:06	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			03/20/20 19:06	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			03/20/20 19:06	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			03/20/20 19:06	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			03/20/20 19:06	1
1,2-Dibromoethane (EDB)	ND		1.0	0.73	ug/L			03/20/20 19:06	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			03/20/20 19:06	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			03/20/20 19:06	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: O'Brien & Gere Inc of North America
 Project/Site: Forest Glen Monitoring

Job ID: 480-167606-1

Client Sample ID: QC TRIP BLANK

Lab Sample ID: 480-167606-15

Date Collected: 03/18/20 00:00

Matrix: Water

Date Received: 03/18/20 17:25

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichloropropane	ND		1.0	0.72	ug/L			03/20/20 19:06	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			03/20/20 19:06	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			03/20/20 19:06	1
2-Hexanone	ND		5.0	1.2	ug/L			03/20/20 19:06	1
2-Butanone (MEK)	ND		10	1.3	ug/L			03/20/20 19:06	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			03/20/20 19:06	1
Acetone	ND		10	3.0	ug/L			03/20/20 19:06	1
Benzene	ND		1.0	0.41	ug/L			03/20/20 19:06	1
Bromodichloromethane	ND		1.0	0.39	ug/L			03/20/20 19:06	1
Bromoform	ND		1.0	0.26	ug/L			03/20/20 19:06	1
Bromomethane	ND		1.0	0.69	ug/L			03/20/20 19:06	1
Carbon disulfide	ND		1.0	0.19	ug/L			03/20/20 19:06	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			03/20/20 19:06	1
Chlorobenzene	ND		1.0	0.75	ug/L			03/20/20 19:06	1
Chlorodibromomethane	ND		1.0	0.32	ug/L			03/20/20 19:06	1
Chloroethane	ND		1.0	0.32	ug/L			03/20/20 19:06	1
Chloroform	ND		1.0	0.34	ug/L			03/20/20 19:06	1
Chloromethane	ND		1.0	0.35	ug/L			03/20/20 19:06	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			03/20/20 19:06	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			03/20/20 19:06	1
Cyclohexane	ND		1.0	0.18	ug/L			03/20/20 19:06	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			03/20/20 19:06	1
Ethylbenzene	ND		1.0	0.74	ug/L			03/20/20 19:06	1
Isopropylbenzene	ND		1.0	0.79	ug/L			03/20/20 19:06	1
Methyl acetate	ND		1.3	1.3	ug/L			03/20/20 19:06	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			03/20/20 19:06	1
Methylcyclohexane	ND		1.0	0.16	ug/L			03/20/20 19:06	1
Methylene Chloride	ND		1.0	0.44	ug/L			03/20/20 19:06	1
Styrene	ND		1.0	0.73	ug/L			03/20/20 19:06	1
Tetrachloroethene	ND		1.0	0.36	ug/L			03/20/20 19:06	1
Toluene	ND		1.0	0.51	ug/L			03/20/20 19:06	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			03/20/20 19:06	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			03/20/20 19:06	1
Trichloroethene	ND		1.0	0.46	ug/L			03/20/20 19:06	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			03/20/20 19:06	1
Vinyl chloride	ND		1.0	0.90	ug/L			03/20/20 19:06	1
Xylenes, Total	ND		2.0	0.66	ug/L			03/20/20 19:06	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	105		77 - 120		03/20/20 19:06	1
Toluene-d8 (Surr)	106		80 - 120		03/20/20 19:06	1
4-Bromofluorobenzene (Surr)	103		73 - 120		03/20/20 19:06	1
Dibromofluoromethane (Surr)	104		75 - 123		03/20/20 19:06	1

Surrogate Summary

Client: O'Brien & Gere Inc of North America
 Project/Site: Forest Glen Monitoring

Job ID: 480-167606-1

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)
480-167606-1	MW 1S 031720	102	100	99	98
480-167606-2	MW 1D 031720	107	105	105	105
480-167606-3	MW 10D 031720	107	104	104	103
480-167606-4	MW 6S 031720	104	101	98	101
480-167606-5	MW 6D 031720	106	104	104	105
480-167606-6	MW 10S 031720	108	106	102	104
480-167606-7	MW 6DD 031720	105	104	106	103
480-167606-8	X-1 031720	104	105	104	101
480-167606-9	MW 8 D 031720	106	105	103	103
480-167606-10	MW 8DD 031720	105	101	94	103
480-167606-11	MW-8S 031720	107	104	102	104
480-167606-12	MW 7DD 031820	102	102	97	101
480-167606-13	MW 7S 031820	109	104	104	106
480-167606-14	MW 7D 031820	106	100	93	103
480-167606-15	QC TRIP BLANK	105	106	103	104
LCS 480-522345/5	Lab Control Sample	100	100	100	101
MB 480-522345/7	Method Blank	103	102	101	102

Surrogate Legend

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

QC Sample Results

Client: O'Brien & Gere Inc of North America
 Project/Site: Forest Glen Monitoring

Job ID: 480-167606-1

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

Lab Sample ID: MB 480-522345/7

Matrix: Water

Analysis Batch: 522345

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			03/20/20 11:06	1
1,1,1,2-Tetrachloroethane	ND		1.0	0.21	ug/L			03/20/20 11:06	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			03/20/20 11:06	1
1,1,2-Trichlorotrifluoroethane	ND		1.0	0.31	ug/L			03/20/20 11:06	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			03/20/20 11:06	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			03/20/20 11:06	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			03/20/20 11:06	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			03/20/20 11:06	1
1,2-Dibromoethane (EDB)	ND		1.0	0.73	ug/L			03/20/20 11:06	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			03/20/20 11:06	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			03/20/20 11:06	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			03/20/20 11:06	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			03/20/20 11:06	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			03/20/20 11:06	1
2-Hexanone	ND		5.0	1.2	ug/L			03/20/20 11:06	1
2-Butanone (MEK)	ND		10	1.3	ug/L			03/20/20 11:06	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			03/20/20 11:06	1
Acetone	ND		10	3.0	ug/L			03/20/20 11:06	1
Benzene	ND		1.0	0.41	ug/L			03/20/20 11:06	1
Bromodichloromethane	ND		1.0	0.39	ug/L			03/20/20 11:06	1
Bromoform	ND		1.0	0.26	ug/L			03/20/20 11:06	1
Bromomethane	ND		1.0	0.69	ug/L			03/20/20 11:06	1
Carbon disulfide	ND		1.0	0.19	ug/L			03/20/20 11:06	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			03/20/20 11:06	1
Chlorobenzene	ND		1.0	0.75	ug/L			03/20/20 11:06	1
Chlorodibromomethane	ND		1.0	0.32	ug/L			03/20/20 11:06	1
Chloroethane	ND		1.0	0.32	ug/L			03/20/20 11:06	1
Chloroform	ND		1.0	0.34	ug/L			03/20/20 11:06	1
Chloromethane	ND		1.0	0.35	ug/L			03/20/20 11:06	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			03/20/20 11:06	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			03/20/20 11:06	1
Cyclohexane	ND		1.0	0.18	ug/L			03/20/20 11:06	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			03/20/20 11:06	1
Ethylbenzene	ND		1.0	0.74	ug/L			03/20/20 11:06	1
Isopropylbenzene	ND		1.0	0.79	ug/L			03/20/20 11:06	1
Methyl acetate	ND		1.3	1.3	ug/L			03/20/20 11:06	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			03/20/20 11:06	1
Methylcyclohexane	ND		1.0	0.16	ug/L			03/20/20 11:06	1
Methylene Chloride	ND		1.0	0.44	ug/L			03/20/20 11:06	1
Styrene	ND		1.0	0.73	ug/L			03/20/20 11:06	1
Tetrachloroethene	ND		1.0	0.36	ug/L			03/20/20 11:06	1
Toluene	ND		1.0	0.51	ug/L			03/20/20 11:06	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			03/20/20 11:06	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			03/20/20 11:06	1
Trichloroethene	ND		1.0	0.46	ug/L			03/20/20 11:06	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			03/20/20 11:06	1
Vinyl chloride	ND		1.0	0.90	ug/L			03/20/20 11:06	1
Xylenes, Total	ND		2.0	0.66	ug/L			03/20/20 11:06	1

QC Sample Results

Client: O'Brien & Gere Inc of North America
 Project/Site: Forest Glen Monitoring

Job ID: 480-167606-1

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

Lab Sample ID: MB 480-522345/7

Matrix: Water

Analysis Batch: 522345

Client Sample ID: Method Blank

Prep Type: Total/NA

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	103		77 - 120		03/20/20 11:06	1
Toluene-d8 (Surr)	102		80 - 120		03/20/20 11:06	1
4-Bromofluorobenzene (Surr)	101		73 - 120		03/20/20 11:06	1
Dibromofluoromethane (Surr)	102		75 - 123		03/20/20 11:06	1

Lab Sample ID: LCS 480-522345/5

Matrix: Water

Analysis Batch: 522345

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1-Trichloroethane	25.0	24.3		ug/L		97	73 - 126
1,1,2,2-Tetrachloroethane	25.0	26.7		ug/L		107	76 - 120
1,1,2-Trichloroethane	25.0	26.0		ug/L		104	76 - 122
1,1,2-Trichlorotrifluoroethane	25.0	22.6		ug/L		90	61 - 148
1,1-Dichloroethane	25.0	23.9		ug/L		95	77 - 120
1,1-Dichloroethene	25.0	24.1		ug/L		97	66 - 127
1,2,4-Trichlorobenzene	25.0	28.1		ug/L		112	79 - 122
1,2-Dibromo-3-Chloropropane	25.0	25.9		ug/L		104	56 - 134
1,2-Dibromoethane (EDB)	25.0	26.9		ug/L		108	77 - 120
1,2-Dichlorobenzene	25.0	26.7		ug/L		107	80 - 124
1,2-Dichloroethane	25.0	24.7		ug/L		99	75 - 120
1,2-Dichloropropane	25.0	25.0		ug/L		100	76 - 120
1,3-Dichlorobenzene	25.0	26.5		ug/L		106	77 - 120
1,4-Dichlorobenzene	25.0	26.7		ug/L		107	80 - 120
2-Hexanone	125	131		ug/L		105	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	119		ug/L		95	56 - 142
Benzene	25.0	24.5		ug/L		98	71 - 124
Bromodichloromethane	25.0	25.5		ug/L		102	80 - 122
Bromoform	25.0	28.3		ug/L		113	61 - 132
Bromomethane	25.0	22.7		ug/L		91	55 - 144
Carbon disulfide	25.0	24.0		ug/L		96	59 - 134
Carbon tetrachloride	25.0	24.2		ug/L		97	72 - 134
Chlorobenzene	25.0	25.2		ug/L		101	80 - 120
Chlorodibromomethane	25.0	26.5		ug/L		106	75 - 125
Chloroethane	25.0	22.2		ug/L		89	69 - 136
Chloroform	25.0	23.8		ug/L		95	73 - 127
Chloromethane	25.0	22.2		ug/L		89	68 - 124
cis-1,2-Dichloroethene	25.0	24.9		ug/L		100	74 - 124
cis-1,3-Dichloropropene	25.0	26.1		ug/L		104	74 - 124
Cyclohexane	25.0	22.7		ug/L		91	59 - 135
Dichlorodifluoromethane	25.0	21.4		ug/L		86	59 - 135
Ethylbenzene	25.0	24.7		ug/L		99	77 - 123
Isopropylbenzene	25.0	26.2		ug/L		105	77 - 122
Methyl acetate	50.0	53.3		ug/L		107	74 - 133
Methyl tert-butyl ether	25.0	25.2		ug/L		101	77 - 120
Methylcyclohexane	25.0	22.7		ug/L		91	68 - 134

Eurofins TestAmerica, Buffalo

QC Sample Results

Client: O'Brien & Gere Inc of North America
 Project/Site: Forest Glen Monitoring

Job ID: 480-167606-1

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

Lab Sample ID: LCS 480-522345/5

Matrix: Water

Analysis Batch: 522345

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	23.7		ug/L		95	75 - 124
Styrene	25.0	26.0		ug/L		104	80 - 120
Tetrachloroethene	25.0	25.1		ug/L		101	74 - 122
Toluene	25.0	24.5		ug/L		98	80 - 122
trans-1,2-Dichloroethene	25.0	23.9		ug/L		96	73 - 127
trans-1,3-Dichloropropene	25.0	26.9		ug/L		107	80 - 120
Trichloroethene	25.0	24.5		ug/L		98	74 - 123
Trichlorofluoromethane	25.0	25.2		ug/L		101	62 - 150
Vinyl chloride	25.0	24.0		ug/L		96	65 - 133

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

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 480-522452/28

Matrix: Water

Analysis Batch: 522452

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		0.50	0.28	mg/L			03/20/20 20:23	1
Sulfate	ND		2.0	0.35	mg/L			03/20/20 20:23	1

Lab Sample ID: MB 480-522452/4

Matrix: Water

Analysis Batch: 522452

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		0.50	0.28	mg/L			03/20/20 17:08	1
Sulfate	ND		2.0	0.35	mg/L			03/20/20 17:08	1

Lab Sample ID: LCS 480-522452/27

Matrix: Water

Analysis Batch: 522452

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	50.0	51.81		mg/L		104	90 - 110
Sulfate	50.0	48.81		mg/L		98	90 - 110

Lab Sample ID: LCS 480-522452/3

Matrix: Water

Analysis Batch: 522452

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	50.0	51.73		mg/L		103	90 - 110
Sulfate	50.0	48.97		mg/L		98	90 - 110

Eurofins TestAmerica, Buffalo

QC Sample Results

Client: O'Brien & Gere Inc of North America
 Project/Site: Forest Glen Monitoring

Job ID: 480-167606-1

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: 480-167606-4 MS
Matrix: Water
Analysis Batch: 522452

Client Sample ID: MW 6S 031720
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	38.3		250	288.2		mg/L		100	81 - 120
Sulfate	211		250	427.5		mg/L		86	80 - 120

Lab Sample ID: 480-167606-10 MS
Matrix: Water
Analysis Batch: 522452

Client Sample ID: MW 8DD 031720
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	54.4		250	304.7		mg/L		100	81 - 120
Sulfate	112		250	337.5		mg/L		90	80 - 120

Lab Sample ID: 480-167606-10 MSD
Matrix: Water
Analysis Batch: 522452

Client Sample ID: MW 8DD 031720
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	54.4		250	303.1		mg/L		99	81 - 120	1	15
Sulfate	112		250	336.5		mg/L		90	80 - 120	0	15

Method: 310.2 ASP - Alkalinity - Colorimetric

Lab Sample ID: MB 480-522498/17
Matrix: Water
Analysis Batch: 522498

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			03/20/20 19:27	1

Lab Sample ID: MB 480-522498/42
Matrix: Water
Analysis Batch: 522498

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			03/20/20 20:23	1

Lab Sample ID: MB 480-522498/50
Matrix: Water
Analysis Batch: 522498

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			03/20/20 20:27	1

Lab Sample ID: MB 480-522498/69
Matrix: Water
Analysis Batch: 522498

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Alkalinity, Bicarbonate	4.58	J	10.0	4.0	mg/L			03/20/20 20:56	1

QC Sample Results

Client: O'Brien & Gere Inc of North America
 Project/Site: Forest Glen Monitoring

Job ID: 480-167606-1

Method: 310.2_ASP - Alkalinity - Colorimetric (Continued)

Lab Sample ID: MB 480-522498/78
Matrix: Water
Analysis Batch: 522498

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Alkalinity, Bicarbonate	7.02	J	10.0	4.0	mg/L			03/20/20 21:00	1

Lab Sample ID: MB 480-522498/89
Matrix: Water
Analysis Batch: 522498

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Alkalinity, Bicarbonate	5.52	J	10.0	4.0	mg/L			03/20/20 21:04	1

Lab Sample ID: LCS 480-522498/15
Matrix: Water
Analysis Batch: 522498

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Alkalinity, Bicarbonate	50.0	48.52		mg/L		97	90 - 110

Lab Sample ID: LCS 480-522498/40
Matrix: Water
Analysis Batch: 522498

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	51.52		mg/L		103	90 - 110

Lab Sample ID: LCS 480-522498/48
Matrix: Water
Analysis Batch: 522498

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	50.77		mg/L		102	90 - 110

Lab Sample ID: LCS 480-522498/67
Matrix: Water
Analysis Batch: 522498

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Alkalinity, Bicarbonate	50.0	52.91		mg/L		106	90 - 110

Lab Sample ID: LCS 480-522498/76
Matrix: Water
Analysis Batch: 522498

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	50.09		mg/L		100	90 - 110

Lab Sample ID: LCS 480-522498/87
Matrix: Water
Analysis Batch: 522498

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	49.97		mg/L		100	90 - 110

Eurofins TestAmerica, Buffalo

QC Sample Results

Client: O'Brien & Gere Inc of North America
 Project/Site: Forest Glen Monitoring

Job ID: 480-167606-1

Method: 353.2 - Nitrogen, Nitrite

Lab Sample ID: MB 480-522303/17
 Matrix: Water
 Analysis Batch: 522303

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	0.0290	J	0.050	0.020	mg/L			03/19/20 20:06	1

Lab Sample ID: MB 480-522303/3
 Matrix: Water
 Analysis Batch: 522303

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	0.0247	J	0.050	0.020	mg/L			03/19/20 19:49	1

Lab Sample ID: LCS 480-522303/18
 Matrix: Water
 Analysis Batch: 522303

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	1.54		mg/L		103	90 - 110

Lab Sample ID: LCS 480-522303/4
 Matrix: Water
 Analysis Batch: 522303

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

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

Method: SM 4500 S2 F - Sulfide, Total

Lab Sample ID: MB 480-522676/27
 Matrix: Water
 Analysis Batch: 522676

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			03/23/20 12:55	1

Lab Sample ID: MB 480-522676/3
 Matrix: Water
 Analysis Batch: 522676

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			03/23/20 12:55	1

Lab Sample ID: LCS 480-522676/28
 Matrix: Water
 Analysis Batch: 522676

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

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

QC Sample Results

Client: O'Brien & Gere Inc of North America
 Project/Site: Forest Glen Monitoring

Job ID: 480-167606-1

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

Lab Sample ID: LCS 480-522676/4
 Matrix: Water
 Analysis Batch: 522676

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Sulfide	9.00	8.80		mg/L		98	90 - 110

Lab Sample ID: 480-167606-1 MS
 Matrix: Water
 Analysis Batch: 522676

Client Sample ID: MW 1S 031720
 Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Sulfide	ND		2.60	2.80		mg/L		108	40 - 150

Lab Sample ID: 480-167606-2 DU
 Matrix: Water
 Analysis Batch: 522676

Client Sample ID: MW 1D 031720
 Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Sulfide	ND		ND		mg/L		NC	20

Lab Sample ID: 480-167606-7 DU
 Matrix: Water
 Analysis Batch: 522676

Client Sample ID: MW 6DD 031720
 Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Sulfide	ND		ND		mg/L		NC	20

Method: SM 5310C - Organic Carbon, Dissolved (DOC)

Lab Sample ID: MB 480-522275/1-A
 Matrix: Water
 Analysis Batch: 522448

Client Sample ID: Method Blank
 Prep Type: Dissolved

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dissolved Organic Carbon - Duplicate	ND		1.0	0.43	mg/L			03/20/20 00:22	1

Lab Sample ID: LCS 480-522275/2-A
 Matrix: Water
 Analysis Batch: 522448

Client Sample ID: Lab Control Sample
 Prep Type: Dissolved

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Dissolved Organic Carbon - Duplicate	60.0	61.86		mg/L		103	90 - 110

Lab Sample ID: MB 480-522844/3
 Matrix: Water
 Analysis Batch: 522844

Client Sample ID: Method Blank
 Prep Type: Dissolved

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dissolved Organic Carbon - Duplicate	ND		1.0	0.43	mg/L			03/20/20 17:54	1

QC Sample Results

Client: O'Brien & Gere Inc of North America
 Project/Site: Forest Glen Monitoring

Job ID: 480-167606-1

Method: SM 5310C - Organic Carbon, Dissolved (DOC) (Continued)

Lab Sample ID: LCS 480-522844/4

Matrix: Water

Analysis Batch: 522844

Client Sample ID: Lab Control Sample

Prep Type: Dissolved

Analyte		Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Dissolved Organic Carbon - Duplicate		60.0	61.18		mg/L		102	90 - 110

Lab Sample ID: 480-167606-2 MS

Matrix: Water

Analysis Batch: 522844

Client Sample ID: MW 1D 031720

Prep Type: Dissolved

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Dissolved Organic Carbon - Duplicate	3.8		46.5	50.93		mg/L		101	54 - 131

Lab Sample ID: 480-167606-2 MSD

Matrix: Water

Analysis Batch: 522844

Client Sample ID: MW 1D 031720

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	3.8		46.5	60.10		mg/L		121	54 - 131	17	20

QC Association Summary

Client: O'Brien & Gere Inc of North America
 Project/Site: Forest Glen Monitoring

Job ID: 480-167606-1

GC/MS VOA

Analysis Batch: 522345

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-167606-1	MW 1S 031720	Total/NA	Water	8260C	
480-167606-2	MW 1D 031720	Total/NA	Water	8260C	
480-167606-3	MW 10D 031720	Total/NA	Water	8260C	
480-167606-4	MW 6S 031720	Total/NA	Water	8260C	
480-167606-5	MW 6D 031720	Total/NA	Water	8260C	
480-167606-6	MW 10S 031720	Total/NA	Water	8260C	
480-167606-7	MW 6DD 031720	Total/NA	Water	8260C	
480-167606-8	X-1 031720	Total/NA	Water	8260C	
480-167606-9	MW 8 D 031720	Total/NA	Water	8260C	
480-167606-10	MW 8DD 031720	Total/NA	Water	8260C	
480-167606-11	MW-8S 031720	Total/NA	Water	8260C	
480-167606-12	MW 7DD 031820	Total/NA	Water	8260C	
480-167606-13	MW 7S 031820	Total/NA	Water	8260C	
480-167606-14	MW 7D 031820	Total/NA	Water	8260C	
480-167606-15	QC TRIP BLANK	Total/NA	Water	8260C	
MB 480-522345/7	Method Blank	Total/NA	Water	8260C	
LCS 480-522345/5	Lab Control Sample	Total/NA	Water	8260C	

General Chemistry

Filtration Batch: 522275

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 480-522275/1-A	Method Blank	Dissolved	Water	FILTRATION	
LCS 480-522275/2-A	Lab Control Sample	Dissolved	Water	FILTRATION	

Analysis Batch: 522285

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-167606-5	MW 6D 031720	Total/NA	Water	353.2	
480-167606-6	MW 10S 031720	Total/NA	Water	353.2	
480-167606-7	MW 6DD 031720	Total/NA	Water	353.2	

Analysis Batch: 522288

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-167606-5	MW 6D 031720	Total/NA	Water	353.2	
480-167606-6	MW 10S 031720	Total/NA	Water	353.2	
480-167606-7	MW 6DD 031720	Total/NA	Water	353.2	

Analysis Batch: 522303

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-167606-1	MW 1S 031720	Total/NA	Water	353.2	
480-167606-11	MW-8S 031720	Total/NA	Water	353.2	
480-167606-12	MW 7DD 031820	Total/NA	Water	353.2	
480-167606-13	MW 7S 031820	Total/NA	Water	353.2	
480-167606-14	MW 7D 031820	Total/NA	Water	353.2	
MB 480-522303/17	Method Blank	Total/NA	Water	353.2	
MB 480-522303/3	Method Blank	Total/NA	Water	353.2	
LCS 480-522303/18	Lab Control Sample	Total/NA	Water	353.2	
LCS 480-522303/4	Lab Control Sample	Total/NA	Water	353.2	

QC Association Summary

Client: O'Brien & Gere Inc of North America
 Project/Site: Forest Glen Monitoring

Job ID: 480-167606-1

General Chemistry

Analysis Batch: 522308

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-167606-1	MW 1S 031720	Total/NA	Water	353.2	
480-167606-2	MW 1D 031720	Total/NA	Water	353.2	
480-167606-3	MW 10D 031720	Total/NA	Water	353.2	
480-167606-4	MW 6S 031720	Total/NA	Water	353.2	
480-167606-8	X-1 031720	Total/NA	Water	353.2	
480-167606-9	MW 8 D 031720	Total/NA	Water	353.2	
480-167606-10	MW 8DD 031720	Total/NA	Water	353.2	
480-167606-11	MW-8S 031720	Total/NA	Water	353.2	
480-167606-12	MW 7DD 031820	Total/NA	Water	353.2	
480-167606-13	MW 7S 031820	Total/NA	Water	353.2	
480-167606-14	MW 7D 031820	Total/NA	Water	353.2	

Analysis Batch: 522309

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-167606-2	MW 1D 031720	Total/NA	Water	353.2	
480-167606-3	MW 10D 031720	Total/NA	Water	353.2	
480-167606-4	MW 6S 031720	Total/NA	Water	353.2	
480-167606-8	X-1 031720	Total/NA	Water	353.2	
480-167606-9	MW 8 D 031720	Total/NA	Water	353.2	
480-167606-10	MW 8DD 031720	Total/NA	Water	353.2	

Analysis Batch: 522448

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-167606-3	MW 10D 031720	Dissolved	Water	SM 5310C	
480-167606-4	MW 6S 031720	Dissolved	Water	SM 5310C	
480-167606-6	MW 10S 031720	Dissolved	Water	SM 5310C	
480-167606-8	X-1 031720	Dissolved	Water	SM 5310C	
480-167606-9	MW 8 D 031720	Dissolved	Water	SM 5310C	
480-167606-10	MW 8DD 031720	Dissolved	Water	SM 5310C	
480-167606-11	MW-8S 031720	Dissolved	Water	SM 5310C	
480-167606-12	MW 7DD 031820	Dissolved	Water	SM 5310C	
480-167606-13	MW 7S 031820	Dissolved	Water	SM 5310C	
480-167606-14	MW 7D 031820	Dissolved	Water	SM 5310C	
MB 480-522275/1-A	Method Blank	Dissolved	Water	SM 5310C	522275
LCS 480-522275/2-A	Lab Control Sample	Dissolved	Water	SM 5310C	522275

Analysis Batch: 522452

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-167606-1	MW 1S 031720	Total/NA	Water	300.0	
480-167606-2	MW 1D 031720	Total/NA	Water	300.0	
480-167606-3	MW 10D 031720	Total/NA	Water	300.0	
480-167606-4	MW 6S 031720	Total/NA	Water	300.0	
480-167606-5	MW 6D 031720	Total/NA	Water	300.0	
480-167606-6	MW 10S 031720	Total/NA	Water	300.0	
480-167606-7	MW 6DD 031720	Total/NA	Water	300.0	
480-167606-8	X-1 031720	Total/NA	Water	300.0	
480-167606-9	MW 8 D 031720	Total/NA	Water	300.0	
480-167606-10	MW 8DD 031720	Total/NA	Water	300.0	
480-167606-11	MW-8S 031720	Total/NA	Water	300.0	
480-167606-12	MW 7DD 031820	Total/NA	Water	300.0	
480-167606-13	MW 7S 031820	Total/NA	Water	300.0	

QC Association Summary

Client: O'Brien & Gere Inc of North America
 Project/Site: Forest Glen Monitoring

Job ID: 480-167606-1

General Chemistry (Continued)

Analysis Batch: 522452 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-167606-14	MW 7D 031820	Total/NA	Water	300.0	
MB 480-522452/28	Method Blank	Total/NA	Water	300.0	
MB 480-522452/4	Method Blank	Total/NA	Water	300.0	
LCS 480-522452/27	Lab Control Sample	Total/NA	Water	300.0	
LCS 480-522452/3	Lab Control Sample	Total/NA	Water	300.0	
480-167606-4 MS	MW 6S 031720	Total/NA	Water	300.0	
480-167606-10 MS	MW 8DD 031720	Total/NA	Water	300.0	
480-167606-10 MSD	MW 8DD 031720	Total/NA	Water	300.0	

Analysis Batch: 522498

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-167606-1	MW 1S 031720	Total/NA	Water	310.2_ASP	
480-167606-2	MW 1D 031720	Total/NA	Water	310.2_ASP	
480-167606-3	MW 10D 031720	Total/NA	Water	310.2_ASP	
480-167606-4	MW 6S 031720	Total/NA	Water	310.2_ASP	
480-167606-5	MW 6D 031720	Total/NA	Water	310.2_ASP	
480-167606-6	MW 10S 031720	Total/NA	Water	310.2_ASP	
480-167606-7	MW 6DD 031720	Total/NA	Water	310.2_ASP	
480-167606-8	X-1 031720	Total/NA	Water	310.2_ASP	
480-167606-9	MW 8 D 031720	Total/NA	Water	310.2_ASP	
480-167606-10	MW 8DD 031720	Total/NA	Water	310.2_ASP	
480-167606-11	MW-8S 031720	Total/NA	Water	310.2_ASP	
480-167606-12	MW 7DD 031820	Total/NA	Water	310.2_ASP	
480-167606-13	MW 7S 031820	Total/NA	Water	310.2_ASP	
480-167606-14	MW 7D 031820	Total/NA	Water	310.2_ASP	
MB 480-522498/17	Method Blank	Total/NA	Water	310.2_ASP	
MB 480-522498/42	Method Blank	Total/NA	Water	310.2_ASP	
MB 480-522498/50	Method Blank	Total/NA	Water	310.2_ASP	
MB 480-522498/69	Method Blank	Total/NA	Water	310.2_ASP	
MB 480-522498/78	Method Blank	Total/NA	Water	310.2_ASP	
MB 480-522498/89	Method Blank	Total/NA	Water	310.2_ASP	
LCS 480-522498/15	Lab Control Sample	Total/NA	Water	310.2_ASP	
LCS 480-522498/40	Lab Control Sample	Total/NA	Water	310.2_ASP	
LCS 480-522498/48	Lab Control Sample	Total/NA	Water	310.2_ASP	
LCS 480-522498/67	Lab Control Sample	Total/NA	Water	310.2_ASP	
LCS 480-522498/76	Lab Control Sample	Total/NA	Water	310.2_ASP	
LCS 480-522498/87	Lab Control Sample	Total/NA	Water	310.2_ASP	

Analysis Batch: 522676

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-167606-1	MW 1S 031720	Total/NA	Water	SM 4500 S2 F	
480-167606-2	MW 1D 031720	Total/NA	Water	SM 4500 S2 F	
480-167606-3	MW 10D 031720	Total/NA	Water	SM 4500 S2 F	
480-167606-4	MW 6S 031720	Total/NA	Water	SM 4500 S2 F	
480-167606-5	MW 6D 031720	Total/NA	Water	SM 4500 S2 F	
480-167606-6	MW 10S 031720	Total/NA	Water	SM 4500 S2 F	
480-167606-7	MW 6DD 031720	Total/NA	Water	SM 4500 S2 F	
480-167606-8	X-1 031720	Total/NA	Water	SM 4500 S2 F	
480-167606-9	MW 8 D 031720	Total/NA	Water	SM 4500 S2 F	
480-167606-10	MW 8DD 031720	Total/NA	Water	SM 4500 S2 F	
480-167606-11	MW-8S 031720	Total/NA	Water	SM 4500 S2 F	

Eurofins TestAmerica, Buffalo

QC Association Summary

Client: O'Brien & Gere Inc of North America
 Project/Site: Forest Glen Monitoring

Job ID: 480-167606-1

General Chemistry (Continued)

Analysis Batch: 522676 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-167606-12	MW 7DD 031820	Total/NA	Water	SM 4500 S2 F	
480-167606-13	MW 7S 031820	Total/NA	Water	SM 4500 S2 F	
480-167606-14	MW 7D 031820	Total/NA	Water	SM 4500 S2 F	
MB 480-522676/27	Method Blank	Total/NA	Water	SM 4500 S2 F	
MB 480-522676/3	Method Blank	Total/NA	Water	SM 4500 S2 F	
LCS 480-522676/28	Lab Control Sample	Total/NA	Water	SM 4500 S2 F	
LCS 480-522676/4	Lab Control Sample	Total/NA	Water	SM 4500 S2 F	
480-167606-1 MS	MW 1S 031720	Total/NA	Water	SM 4500 S2 F	
480-167606-2 DU	MW 1D 031720	Total/NA	Water	SM 4500 S2 F	
480-167606-7 DU	MW 6DD 031720	Total/NA	Water	SM 4500 S2 F	

Analysis Batch: 522844

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-167606-1	MW 1S 031720	Dissolved	Water	SM 5310C	
480-167606-2	MW 1D 031720	Dissolved	Water	SM 5310C	
480-167606-5	MW 6D 031720	Dissolved	Water	SM 5310C	
480-167606-7	MW 6DD 031720	Dissolved	Water	SM 5310C	
MB 480-522844/3	Method Blank	Dissolved	Water	SM 5310C	
LCS 480-522844/4	Lab Control Sample	Dissolved	Water	SM 5310C	
480-167606-2 MS	MW 1D 031720	Dissolved	Water	SM 5310C	
480-167606-2 MSD	MW 1D 031720	Dissolved	Water	SM 5310C	



Lab Chronicle

Client: O'Brien & Gere Inc of North America
 Project/Site: Forest Glen Monitoring

Job ID: 480-167606-1

Client Sample ID: MW 1S 031720

Lab Sample ID: 480-167606-1

Date Collected: 03/17/20 10:05

Matrix: Water

Date Received: 03/18/20 17:25

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	522345	03/20/20 13:25	OMI	TAL BUF
Total/NA	Analysis	300.0		20	522452	03/20/20 19:18	IMZ	TAL BUF
Total/NA	Analysis	310.2_ASP		3	522498	03/20/20 21:02	SRW	TAL BUF
Total/NA	Analysis	353.2		1	522308	03/19/20 17:50	BEF	TAL BUF
Total/NA	Analysis	353.2		1	522303	03/19/20 19:54	BEF	TAL BUF
Total/NA	Analysis	SM 4500 S2 F		1	522676	03/23/20 12:55	MJB	TAL BUF
Dissolved	Analysis	SM 5310C		1	522844	03/20/20 18:25	CLA	TAL BUF

Client Sample ID: MW 1D 031720

Lab Sample ID: 480-167606-2

Date Collected: 03/17/20 10:15

Matrix: Water

Date Received: 03/18/20 17:25

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	522345	03/20/20 13:49	OMI	TAL BUF
Total/NA	Analysis	300.0		10	522452	03/20/20 19:26	IMZ	TAL BUF
Total/NA	Analysis	310.2_ASP		4	522498	03/20/20 21:02	SRW	TAL BUF
Total/NA	Analysis	353.2		1	522308	03/19/20 17:51	BEF	TAL BUF
Total/NA	Analysis	353.2		1	522309	03/19/20 17:51	BEF	TAL BUF
Total/NA	Analysis	SM 4500 S2 F		1	522676	03/23/20 12:55	MJB	TAL BUF
Dissolved	Analysis	SM 5310C		1	522844	03/20/20 18:56	CLA	TAL BUF

Client Sample ID: MW 10D 031720

Lab Sample ID: 480-167606-3

Date Collected: 03/17/20 13:05

Matrix: Water

Date Received: 03/18/20 17:25

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	522345	03/20/20 14:13	OMI	TAL BUF
Total/NA	Analysis	300.0		5	522452	03/20/20 19:34	IMZ	TAL BUF
Total/NA	Analysis	310.2_ASP		3	522498	03/20/20 21:02	SRW	TAL BUF
Total/NA	Analysis	353.2		1	522308	03/19/20 18:29	BEF	TAL BUF
Total/NA	Analysis	353.2		1	522309	03/19/20 18:29	BEF	TAL BUF
Total/NA	Analysis	SM 4500 S2 F		1	522676	03/23/20 12:55	MJB	TAL BUF
Dissolved	Analysis	SM 5310C		1	522448	03/20/20 01:39	CLA	TAL BUF

Client Sample ID: MW 6S 031720

Lab Sample ID: 480-167606-4

Date Collected: 03/17/20 13:22

Matrix: Water

Date Received: 03/18/20 17:25

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	522345	03/20/20 14:37	OMI	TAL BUF
Total/NA	Analysis	300.0		5	522452	03/20/20 19:42	IMZ	TAL BUF
Total/NA	Analysis	310.2_ASP		4	522498	03/20/20 21:04	SRW	TAL BUF
Total/NA	Analysis	353.2		1	522308	03/19/20 18:30	BEF	TAL BUF

Eurofins TestAmerica, Buffalo

Lab Chronicle

Client: O'Brien & Gere Inc of North America
 Project/Site: Forest Glen Monitoring

Job ID: 480-167606-1

Client Sample ID: MW 6S 031720

Lab Sample ID: 480-167606-4

Date Collected: 03/17/20 13:22

Matrix: Water

Date Received: 03/18/20 17:25

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	353.2		1	522309	03/19/20 18:30	BEF	TAL BUF
Total/NA	Analysis	SM 4500 S2 F		1	522676	03/23/20 12:55	MJB	TAL BUF
Dissolved	Analysis	SM 5310C		1	522448	03/20/20 01:55	CLA	TAL BUF

Client Sample ID: MW 6D 031720

Lab Sample ID: 480-167606-5

Date Collected: 03/17/20 14:10

Matrix: Water

Date Received: 03/18/20 17:25

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	522345	03/20/20 15:02	OMI	TAL BUF
Total/NA	Analysis	300.0		5	522452	03/20/20 20:31	IMZ	TAL BUF
Total/NA	Analysis	310.2_ASP		4	522498	03/20/20 21:05	SRW	TAL BUF
Total/NA	Analysis	353.2		1	522285	03/19/20 13:24	BEF	TAL BUF
Total/NA	Analysis	353.2		1	522288	03/19/20 13:24	BEF	TAL BUF
Total/NA	Analysis	SM 4500 S2 F		1	522676	03/23/20 12:55	MJB	TAL BUF
Dissolved	Analysis	SM 5310C		1	522844	03/20/20 19:42	CLA	TAL BUF

Client Sample ID: MW 10S 031720

Lab Sample ID: 480-167606-6

Date Collected: 03/17/20 14:35

Matrix: Water

Date Received: 03/18/20 17:25

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	522345	03/20/20 15:26	OMI	TAL BUF
Total/NA	Analysis	300.0		5	522452	03/20/20 20:39	IMZ	TAL BUF
Total/NA	Analysis	310.2_ASP		4	522498	03/20/20 21:04	SRW	TAL BUF
Total/NA	Analysis	353.2		1	522285	03/19/20 13:28	BEF	TAL BUF
Total/NA	Analysis	353.2		1	522288	03/19/20 13:28	BEF	TAL BUF
Total/NA	Analysis	SM 4500 S2 F		1	522676	03/23/20 12:55	MJB	TAL BUF
Dissolved	Analysis	SM 5310C		1	522448	03/20/20 02:10	CLA	TAL BUF

Client Sample ID: MW 6DD 031720

Lab Sample ID: 480-167606-7

Date Collected: 03/17/20 15:25

Matrix: Water

Date Received: 03/18/20 17:25

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	522345	03/20/20 15:50	OMI	TAL BUF
Total/NA	Analysis	300.0		5	522452	03/20/20 20:47	IMZ	TAL BUF
Total/NA	Analysis	310.2_ASP		3	522498	03/20/20 21:05	SRW	TAL BUF
Total/NA	Analysis	353.2		1	522285	03/19/20 13:29	BEF	TAL BUF
Total/NA	Analysis	353.2		1	522288	03/19/20 13:29	BEF	TAL BUF
Total/NA	Analysis	SM 4500 S2 F		1	522676	03/23/20 12:55	MJB	TAL BUF
Dissolved	Analysis	SM 5310C		1	522844	03/20/20 19:57	CLA	TAL BUF

Lab Chronicle

Client: O'Brien & Gere Inc of North America
 Project/Site: Forest Glen Monitoring

Job ID: 480-167606-1

Client Sample ID: X-1 031720

Lab Sample ID: 480-167606-8

Date Collected: 03/17/20 00:00

Matrix: Water

Date Received: 03/18/20 17:25

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	522345	03/20/20 16:15	OMI	TAL BUF
Total/NA	Analysis	300.0		5	522452	03/20/20 20:56	IMZ	TAL BUF
Total/NA	Analysis	310.2_ASP		5	522498	03/20/20 20:26	SRW	TAL BUF
Total/NA	Analysis	353.2		1	522308	03/19/20 18:31	BEF	TAL BUF
Total/NA	Analysis	353.2		1	522309	03/19/20 18:31	BEF	TAL BUF
Total/NA	Analysis	SM 4500 S2 F		1	522676	03/23/20 12:55	MJB	TAL BUF
Dissolved	Analysis	SM 5310C		1	522448	03/20/20 02:26	CLA	TAL BUF

Client Sample ID: MW 8 D 031720

Lab Sample ID: 480-167606-9

Date Collected: 03/18/20 10:05

Matrix: Water

Date Received: 03/18/20 17:25

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	522345	03/20/20 16:39	OMI	TAL BUF
Total/NA	Analysis	300.0		5	522452	03/20/20 21:04	IMZ	TAL BUF
Total/NA	Analysis	310.2_ASP		5	522498	03/20/20 20:26	SRW	TAL BUF
Total/NA	Analysis	353.2		1	522308	03/19/20 18:32	BEF	TAL BUF
Total/NA	Analysis	353.2		1	522309	03/19/20 18:32	BEF	TAL BUF
Total/NA	Analysis	SM 4500 S2 F		1	522676	03/23/20 12:55	MJB	TAL BUF
Dissolved	Analysis	SM 5310C		1	522448	03/20/20 02:41	CLA	TAL BUF

Client Sample ID: MW 8DD 031720

Lab Sample ID: 480-167606-10

Date Collected: 03/18/20 10:10

Matrix: Water

Date Received: 03/18/20 17:25

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	522345	03/20/20 17:04	OMI	TAL BUF
Total/NA	Analysis	300.0		5	522452	03/20/20 21:12	IMZ	TAL BUF
Total/NA	Analysis	310.2_ASP		5	522498	03/20/20 20:26	SRW	TAL BUF
Total/NA	Analysis	353.2		1	522308	03/19/20 18:38	BEF	TAL BUF
Total/NA	Analysis	353.2		1	522309	03/19/20 18:38	BEF	TAL BUF
Total/NA	Analysis	SM 4500 S2 F		1	522676	03/23/20 12:55	MJB	TAL BUF
Dissolved	Analysis	SM 5310C		1	522448	03/20/20 03:28	CLA	TAL BUF

Client Sample ID: MW-8S 031720

Lab Sample ID: 480-167606-11

Date Collected: 03/18/20 11:50

Matrix: Water

Date Received: 03/18/20 17:25

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	522345	03/20/20 17:28	OMI	TAL BUF
Total/NA	Analysis	300.0		2	522452	03/20/20 21:53	IMZ	TAL BUF
Total/NA	Analysis	310.2_ASP		3	522498	03/20/20 21:06	SRW	TAL BUF
Total/NA	Analysis	353.2		1	522308	03/19/20 18:41	BEF	TAL BUF

Eurofins TestAmerica, Buffalo

Lab Chronicle

Client: O'Brien & Gere Inc of North America
 Project/Site: Forest Glen Monitoring

Job ID: 480-167606-1

Client Sample ID: MW-8S 031720

Lab Sample ID: 480-167606-11

Date Collected: 03/18/20 11:50

Matrix: Water

Date Received: 03/18/20 17:25

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	353.2		1	522303	03/19/20 19:55	BEF	TAL BUF
Total/NA	Analysis	SM 4500 S2 F		1	522676	03/23/20 12:55	MJB	TAL BUF
Dissolved	Analysis	SM 5310C		1	522448	03/20/20 03:43	CLA	TAL BUF

Client Sample ID: MW 7DD 031820

Lab Sample ID: 480-167606-12

Date Collected: 03/18/20 12:45

Matrix: Water

Date Received: 03/18/20 17:25

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	522345	03/20/20 17:52	OMI	TAL BUF
Total/NA	Analysis	300.0		2	522452	03/20/20 22:01	IMZ	TAL BUF
Total/NA	Analysis	310.2_ASP		5	522498	03/20/20 20:27	SRW	TAL BUF
Total/NA	Analysis	353.2		1	522308	03/19/20 18:42	BEF	TAL BUF
Total/NA	Analysis	353.2		1	522303	03/19/20 19:56	BEF	TAL BUF
Total/NA	Analysis	SM 4500 S2 F		1	522676	03/23/20 12:55	MJB	TAL BUF
Dissolved	Analysis	SM 5310C		1	522448	03/20/20 03:59	CLA	TAL BUF

Client Sample ID: MW 7S 031820

Lab Sample ID: 480-167606-13

Date Collected: 03/18/20 14:40

Matrix: Water

Date Received: 03/18/20 17:25

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	522345	03/20/20 18:17	OMI	TAL BUF
Total/NA	Analysis	300.0		2	522452	03/20/20 22:09	IMZ	TAL BUF
Total/NA	Analysis	310.2_ASP		5	522498	03/20/20 20:28	SRW	TAL BUF
Total/NA	Analysis	353.2		1	522308	03/19/20 18:43	BEF	TAL BUF
Total/NA	Analysis	353.2		1	522303	03/19/20 19:58	BEF	TAL BUF
Total/NA	Analysis	SM 4500 S2 F		1	522676	03/23/20 12:55	MJB	TAL BUF
Dissolved	Analysis	SM 5310C		1	522448	03/20/20 04:14	CLA	TAL BUF

Client Sample ID: MW 7D 031820

Lab Sample ID: 480-167606-14

Date Collected: 03/18/20 14:50

Matrix: Water

Date Received: 03/18/20 17:25

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	522345	03/20/20 18:41	OMI	TAL BUF
Total/NA	Analysis	300.0		2	522452	03/20/20 22:17	IMZ	TAL BUF
Total/NA	Analysis	310.2_ASP		5	522498	03/20/20 20:28	SRW	TAL BUF
Total/NA	Analysis	353.2		1	522308	03/19/20 18:45	BEF	TAL BUF
Total/NA	Analysis	353.2		1	522303	03/19/20 19:59	BEF	TAL BUF
Total/NA	Analysis	SM 4500 S2 F		1	522676	03/23/20 12:55	MJB	TAL BUF
Dissolved	Analysis	SM 5310C		1	522448	03/20/20 04:30	CLA	TAL BUF

Lab Chronicle

Client: O'Brien & Gere Inc of North America
Project/Site: Forest Glen Monitoring

Job ID: 480-167606-1

Client Sample ID: QC TRIP BLANK

Lab Sample ID: 480-167606-15

Date Collected: 03/18/20 00:00

Matrix: Water

Date Received: 03/18/20 17:25

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	522345	03/20/20 19:06	OMI	TAL BUF

Laboratory References:

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

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14
- 15
- 16

Accreditation/Certification Summary

Client: O'Brien & Gere Inc of North America
Project/Site: Forest Glen Monitoring

Job ID: 480-167606-1

Laboratory: Eurofins TestAmerica, Buffalo

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

Authority	Program	Identification Number	Expiration Date
New York	NELAP	10026	04-01-20

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

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14
- 15
- 16

Method Summary

Client: O'Brien & Gere Inc of North America
Project/Site: Forest Glen Monitoring

Job ID: 480-167606-1

Method	Method Description	Protocol	Laboratory
8260C	Volatile Organic Compounds by GC/MS	SW846	TAL BUF
300.0	Anions, Ion Chromatography	MCAWW	TAL BUF
310.2_ASP	Alkalinity - Colorimetric	MCAWW	TAL BUF
353.2	Nitrate	EPA	TAL BUF
353.2	Nitrogen, Nitrite	MCAWW	TAL BUF
SM 4500 S2 F	Sulfide, Total	SM	TAL BUF
SM 5310C	Organic Carbon, Dissolved (DOC)	SM	TAL BUF
5030C	Purge and Trap	SW846	TAL BUF

Protocol References:

EPA = US Environmental Protection Agency

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

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

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

Laboratory References:

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

Sample Summary

Client: O'Brien & Gere Inc of North America
Project/Site: Forest Glen Monitoring

Job ID: 480-167606-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Asset ID
480-167606-1	MW 1S 031720	Water	03/17/20 10:05	03/18/20 17:25	
480-167606-2	MW 1D 031720	Water	03/17/20 10:15	03/18/20 17:25	
480-167606-3	MW 10D 031720	Water	03/17/20 13:05	03/18/20 17:25	
480-167606-4	MW 6S 031720	Water	03/17/20 13:22	03/18/20 17:25	
480-167606-5	MW 6D 031720	Water	03/17/20 14:10	03/18/20 17:25	
480-167606-6	MW 10S 031720	Water	03/17/20 14:35	03/18/20 17:25	
480-167606-7	MW 6DD 031720	Water	03/17/20 15:25	03/18/20 17:25	
480-167606-8	X-1 031720	Water	03/17/20 00:00	03/18/20 17:25	
480-167606-9	MW 8 D 031720	Water	03/18/20 10:05	03/18/20 17:25	
480-167606-10	MW 8DD 031720	Water	03/18/20 10:10	03/18/20 17:25	
480-167606-11	MW-8S 031720	Water	03/18/20 11:50	03/18/20 17:25	
480-167606-12	MW 7DD 031820	Water	03/18/20 12:45	03/18/20 17:25	
480-167606-13	MW 7S 031820	Water	03/18/20 14:40	03/18/20 17:25	
480-167606-14	MW 7D 031820	Water	03/18/20 14:50	03/18/20 17:25	
480-167606-15	QC TRIP BLANK	Water	03/18/20 00:00	03/18/20 17:25	

Quantitation Limit Exceptions Summary

Client: O'Brien & Gere Inc of North America
Project/Site: Forest Glen Monitoring

Job ID: 480-167606-1

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

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14
- 15
- 16

Chain of Custody Record



Client Information Client Contact: Mr. Yuri Veliz 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@obg.com Project Name: Forest Glen Monitoring Site:		Lab PM: Schove, John R. E-Mail: john.schove@testar.com Phone: 315-929-1300 Carrier Tracking No(s): Barcode: 480-167606 Chain of Custody	
Due Date Requested: TAT Requested (days): PO #: 91902546 WO #: 48002808 Project #: 48002808 SSOW#:		COC No: 480-143740-27221.1 Page: Page 1 of 2 Job #:	
Preservation Codes: A - HCL B - NaOH C - Zn Acetate D - Nitric Acid E - NaHSO4 F - MeOH G - Amchlor H - Ascorbic Acid I - Ice J - DI Water K - EDTA L - EDA Other:		Preservation Codes: M - Hexane N - None O - AshNaO2 P - Na2O4S Q - Na2SO3 R - Na2S2O3 S - H2SO4 T - TSP Dodecahydrate U - Acetone V - MCAA W - pH 4-5 Z - other (specify)	
Special Instructions/Note: Total Number of Containers		Special Instructions/Note: Total Number of Containers	
Sample Identification MW 15 031720 MW 1D 031720 MW 10D 031720 MW 6S 031720 MW 6D 031720 MW 10S 031720 MW 6DD 031720 X-1 031720 MW 8 D 031820 MW 8 DD 031820 MW 8S 031820		Matrix (Water, Solid, Other) Sample Type (C=Comp, G=grab) Sample Time Sample Date Preservation Code	
Possible Hazard Identification <input type="checkbox"/> Non-Hazard <input type="checkbox"/> Flammable <input type="checkbox"/> Skin Irritant <input type="checkbox"/> Poison B <input type="checkbox"/> Unknown <input type="checkbox"/> Radiological		Sample Disposal (A fee may be assessed if samples are retained longer than 1 month) <input type="checkbox"/> Return To Client <input type="checkbox"/> Disposal By Lab <input type="checkbox"/> Archive For _____ Months	
Deliverable Requested: I, II, III, IV, Other (specify)		Special Instructions/QC Requirements:	
Empty Kit Relinquished by:		Method of Shipment:	
Relinquished by: [Signature] Date/Time: 3-18-20 / 17:25 Company: CBG		Received by: [Signature] Date/Time: 3/18/20 081817Z Company: 1725 TA	
Relinquished by: [Signature] Date/Time:		Received by: [Signature] Date/Time:	
Relinquished by: [Signature] Date/Time:		Received by: [Signature] Date/Time:	
Custody Seals Intact: Δ Yes Δ No		Cooler Temperature(s) °C and Other Remarks: 418 3.6 #17617	



Chain of Custody Record

Client Information Client Contact: Mr. Yuri Veliz 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@obg.com Project Name: Forest Glen Monitoring Site:		Lab PM: Schove, John R E-Mail: john.schove@testamericainc.com Carner Tracking No(s): COC No: 480-143740-27221.2 Page: Page 2 of 3 Job #:	
Due Date Requested: TAT Requested (days): PO #: 91902546 WO #:		Analysis Requested SM5310_DOC_C - Dissolved Organic Carbon SM4500_S2_D - Total Sulfide B260C - TCL 480 Metals Volatiles 310.2 - Alkalinity SM5400_S2_D - Total Sulfide B260C - TCL 480 Metals Volatiles 300.28D - Cl, SO4 353.2, 353.2 Nitrite, Nitrate, Calc SM5310_DOC_C - Dissolved Organic Carbon 310.2 - Alkalinity SM4500_S2_D - Total Sulfide B260C - TCL Volatiles Total Number of Containers	
Sample Identification MW 7DD 031820 MW 7S 031820 MW 7D 031820 QC TRIP Blank		Preservation Codes: A - HCL B - NaOH C - Zn Acetate D - Nitric Acid E - NaHSO4 F - MeOH G - Amchlor H - Ascorbic Acid I - Ice J - DI Water K - EDTA L - EDA Other: M - Hexane N - None O - AsNaO2 P - Na2OAS Q - Na2SO3 R - Na2S2O3 S - H2SO4 T - TSP Dodecahydrate U - Acetone V - MCAA W - pH 4-5 Z - other (specify)	
Sample Date 3-18-20 3-18-20 3-18-20		Field Filtered Sample (Yes or No) Perform MS/MSD (Yes or No) B260C - TCL 480 Metals Volatiles 300.28D - Cl, SO4 353.2, 353.2 Nitrite, Nitrate, Calc SM5310_DOC_C - Dissolved Organic Carbon 310.2 - Alkalinity SM4500_S2_D - Total Sulfide B260C - TCL Volatiles Special Instructions/Note: Total Number of Containers	
Sample Time 12:45 14:40 14:50		Matrix (Water, Solid, On-water, BT-Tissue, AAAP) Water Water Water Water Water Water Water Water Water Water	
Sample Type (C=Comp, G=grab) G G G		Special Instructions/Note: Total Number of Containers	
Possible Hazard Identification <input type="checkbox"/> Non-Hazard <input type="checkbox"/> Flammable <input type="checkbox"/> Skin Irritant <input type="checkbox"/> Poison B <input type="checkbox"/> Unknown <input type="checkbox"/> Radiological Deliverable Requested: I, II, III, IV, Other (specify)			
Empty Kit Relinquished by: <i>Marta Kombe</i> Date: 3-18-20 / 17:25 Relinquished by: <i>Marta Kombe</i> Date: 3-18-20 / 17:25 Relinquished by: Company: OBG Relinquished by: Company: OBG Relinquished by: Company: OBG			
Custody Seals Intact: <input type="checkbox"/> Yes <input type="checkbox"/> No Cooler Temperature(s) °C and Other Remarks:			



Login Sample Receipt Checklist

Client: O'Brien & Gere Inc of North America

Job Number: 480-167606-1

Login Number: 167606

List Source: Eurofins TestAmerica, Buffalo

List Number: 1

Creator: Stopa, Erik S

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

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

Laboratory Job ID: 480-167672-1
Client Project/Site: Forest Glen Monitoring

For:

O'Brien & Gere Inc of North America
333 West Washington St.
PO BOX 4873
East Syracuse, New York 13221

Attn: Mr. David J Carnevale



Authorized for release by:
3/27/2020 9:27:26 AM

Alexander Gilbert, Project Management Assistant I
alexander.gilbert@testamericainc.com

Designee for

John Schove, Project Manager II
(716)504-9838
john.schove@testamericainc.com

LINKS

Review your project
results through
TotalAccess

Have a Question?



Visit us at:
www.testamericainc.com

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

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

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



Table of Contents

Cover Page	1
Table of Contents	2
Definitions/Glossary	3
Case Narrative	4
Detection Summary	5
Client Sample Results	6
Surrogate Summary	14
QC Sample Results	15
QC Association Summary	25
Lab Chronicle	27
Certification Summary	29
Method Summary	30
Sample Summary	31
Detection Limit Exceptions Summary	32
Chain of Custody	33
Receipt Checklists	34

Definitions/Glossary

Client: O'Brien & Gere Inc of North America
Project/Site: Forest Glen Monitoring

Job ID: 480-167672-1

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
*	LCS or LCSD is outside acceptance limits.
F1	MS and/or MSD recovery exceeds control limits.
F2	MS/MSD RPD exceeds control limits
F7	MS/MSD RPD exceeds control limits. Sample size differs by <10%
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.
E	Result exceeded calibration range.
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
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)
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
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)

Case Narrative

Client: O'Brien & Gere Inc of North America
Project/Site: Forest Glen Monitoring

Job ID: 480-167672-1

Job ID: 480-167672-1

Laboratory: Eurofins TestAmerica, Buffalo

Narrative

Job Narrative 480-167672-1

Comments

No additional comments.

Receipt

The samples were received on 3/19/2020 4:30 PM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 2.8° C.

GC/MS VOA

Method 8260C: The continuing calibration verification (CCV) associated with batch 480-522544 recovered outside acceptance criteria, low biased, for Vinyl Chloride and Chloromethane. A reporting limit (RL) standard was analyzed, and the target analyte was detected. Since the associated samples were non-detect for this analyte, the data have been reported. The associated samples are impacted: MW 5D 031920 (480-167672-1), MW 5S 031920 (480-167672-2), MW 4D 031920 (480-167672-3), MW 4S 031920 (480-167672-4) and TRIP BLANK (480-167672-5).

Method 8260C: The continuing calibration verification (CCV) associated with batch 480-522544 recovered above the upper control limit for Chlorodibromomethane. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated samples are impacted: MW 5D 031920 (480-167672-1), MW 5S 031920 (480-167672-2), MW 4D 031920 (480-167672-3), MW 4S 031920 (480-167672-4) and TRIP BLANK (480-167672-5).

Method 8260C: The laboratory control sample (LCS) for analytical batch 480-522544 recovered outside control limits for the following analytes: Chlorodibromomethane and Bromoform. 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: MW 5D 031920 (480-167672-1), MW 5S 031920 (480-167672-2), MW 4D 031920 (480-167672-3), MW 4S 031920 (480-167672-4) and TRIP BLANK (480-167672-5).

Method 8260C: The matrix spike / matrix spike duplicate (MS/MSD) precision for analytical batch 480-522544 was outside control limits. Sample matrix interference and/or non-homogeneity are suspected.

Method 8260C: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for analytical batch 480-522544 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

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

HPLC/IC

Method 300.0: The following samples were diluted to bring the concentration of target analytes within the calibration range: MW 5D 031920 (480-167672-1), MW 5S 031920 (480-167672-2), MW 4D 031920 (480-167672-3) and (480-167606-E-4). Elevated reporting limits (RLs) are provided.

Method 300.0: The following sample was diluted to bring the concentration of target analytes within the calibration range: MW 4S 031920 (480-167672-4). Elevated reporting limits (RLs) are provided.

Method 300.0: The following sample was diluted to bring the concentration of target analytes within the calibration range: MW 4S 031920 (480-167672-4). Elevated reporting limits (RLs) are provided.

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

General Chemistry

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

Detection Summary

Client: O'Brien & Gere Inc of North America
Project/Site: Forest Glen Monitoring

Job ID: 480-167672-1

Client Sample ID: MW 5D 031920

Lab Sample ID: 480-167672-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methyl tert-butyl ether	0.42	J	1.0	0.16	ug/L	1		8260C	Total/NA
Chloride	195		2.5	1.4	mg/L	5		300.0	Total/NA
Sulfate	189		10.0	1.7	mg/L	5		300.0	Total/NA
Alkalinity, Bicarbonate	317	B	50.0	20.0	mg/L	5		310.2_ASP	Total/NA
Nitrate as N	0.092		0.050	0.020	mg/L	1		353.2	Total/NA
Dissolved Organic Carbon - Duplicate	3.7		1.0	0.43	mg/L	1		SM 5310C	Dissolved

Client Sample ID: MW 5S 031920

Lab Sample ID: 480-167672-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	1.1		1.0	0.38	ug/L	1		8260C	Total/NA
cis-1,2-Dichloroethene	1.6		1.0	0.81	ug/L	1		8260C	Total/NA
Trichloroethene	0.85	J	1.0	0.46	ug/L	1		8260C	Total/NA
Chloride	9.8		1.0	0.56	mg/L	2		300.0	Total/NA
Sulfate	104		4.0	0.70	mg/L	2		300.0	Total/NA
Alkalinity, Bicarbonate	201	B	50.0	20.0	mg/L	5		310.2_ASP	Total/NA
Nitrate as N	0.10		0.050	0.020	mg/L	1		353.2	Total/NA
Nitrite as N	0.026	J	0.050	0.020	mg/L	1		353.2	Total/NA
Dissolved Organic Carbon - Duplicate	3.3		1.0	0.43	mg/L	1		SM 5310C	Dissolved

Client Sample ID: MW 4D 031920

Lab Sample ID: 480-167672-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methyl tert-butyl ether	0.43	J	1.0	0.16	ug/L	1		8260C	Total/NA
Chloride	286		2.5	1.4	mg/L	5		300.0	Total/NA
Sulfate	260		10.0	1.7	mg/L	5		300.0	Total/NA
Alkalinity, Bicarbonate	296	B	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
Sulfide	0.80	J	1.0	0.67	mg/L	1		SM 4500 S2 F	Total/NA
Dissolved Organic Carbon - Duplicate	3.6		1.0	0.43	mg/L	1		SM 5310C	Dissolved

Client Sample ID: MW 4S 031920

Lab Sample ID: 480-167672-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	14.6		5.0	2.8	mg/L	10		300.0	Total/NA
Sulfate	1490		40.0	7.0	mg/L	20		300.0	Total/NA
Alkalinity, Bicarbonate	469	B	50.0	20.0	mg/L	5		310.2_ASP	Total/NA
Nitrate as N	0.23		0.050	0.020	mg/L	1		353.2	Total/NA
Nitrite as N	0.022	J	0.050	0.020	mg/L	1		353.2	Total/NA
Dissolved Organic Carbon - Duplicate	3.4		1.0	0.43	mg/L	1		SM 5310C	Dissolved

Client Sample ID: TRIP BLANK

Lab Sample ID: 480-167672-5

No Detections.

This Detection Summary does not include radiochemical test results.

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: O'Brien & Gere Inc of North America
 Project/Site: Forest Glen Monitoring

Job ID: 480-167672-1

Client Sample ID: MW 5D 031920

Lab Sample ID: 480-167672-1

Date Collected: 03/19/20 08:30

Matrix: Water

Date Received: 03/19/20 16:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND	F1	1.0	0.82	ug/L			03/23/20 12:27	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			03/23/20 12:27	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			03/23/20 12:27	1
1,1,2-Trichlorotrifluoroethane	ND		1.0	0.31	ug/L			03/23/20 12:27	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			03/23/20 12:27	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			03/23/20 12:27	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			03/23/20 12:27	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			03/23/20 12:27	1
1,2-Dibromoethane (EDB)	ND	F1	1.0	0.73	ug/L			03/23/20 12:27	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			03/23/20 12:27	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			03/23/20 12:27	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			03/23/20 12:27	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			03/23/20 12:27	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			03/23/20 12:27	1
2-Hexanone	ND		5.0	1.2	ug/L			03/23/20 12:27	1
2-Butanone (MEK)	ND		10	1.3	ug/L			03/23/20 12:27	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			03/23/20 12:27	1
Acetone	ND	F2	10	3.0	ug/L			03/23/20 12:27	1
Benzene	ND		1.0	0.41	ug/L			03/23/20 12:27	1
Bromodichloromethane	ND	F1	1.0	0.39	ug/L			03/23/20 12:27	1
Bromoform	ND	*	1.0	0.26	ug/L			03/23/20 12:27	1
Bromomethane	ND		1.0	0.69	ug/L			03/23/20 12:27	1
Carbon disulfide	ND		1.0	0.19	ug/L			03/23/20 12:27	1
Carbon tetrachloride	ND	F1	1.0	0.27	ug/L			03/23/20 12:27	1
Chlorobenzene	ND		1.0	0.75	ug/L			03/23/20 12:27	1
Chlorodibromomethane	ND	F1 *	1.0	0.32	ug/L			03/23/20 12:27	1
Chloroethane	ND		1.0	0.32	ug/L			03/23/20 12:27	1
Chloroform	ND		1.0	0.34	ug/L			03/23/20 12:27	1
Chloromethane	ND		1.0	0.35	ug/L			03/23/20 12:27	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			03/23/20 12:27	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			03/23/20 12:27	1
Cyclohexane	ND		1.0	0.18	ug/L			03/23/20 12:27	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			03/23/20 12:27	1
Ethylbenzene	ND		1.0	0.74	ug/L			03/23/20 12:27	1
Isopropylbenzene	ND		1.0	0.79	ug/L			03/23/20 12:27	1
Methyl acetate	ND		1.3	1.3	ug/L			03/23/20 12:27	1
Methyl tert-butyl ether	0.42	J	1.0	0.16	ug/L			03/23/20 12:27	1
Methylcyclohexane	ND		1.0	0.16	ug/L			03/23/20 12:27	1
Methylene Chloride	ND		1.0	0.44	ug/L			03/23/20 12:27	1
Styrene	ND		1.0	0.73	ug/L			03/23/20 12:27	1
Tetrachloroethene	ND	F1	1.0	0.36	ug/L			03/23/20 12:27	1
Toluene	ND		1.0	0.51	ug/L			03/23/20 12:27	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			03/23/20 12:27	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			03/23/20 12:27	1
Trichloroethene	ND		1.0	0.46	ug/L			03/23/20 12:27	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			03/23/20 12:27	1
Vinyl chloride	ND		1.0	0.90	ug/L			03/23/20 12:27	1
Xylenes, Total	ND		2.0	0.66	ug/L			03/23/20 12:27	1

Client Sample Results

Client: O'Brien & Gere Inc of North America
Project/Site: Forest Glen Monitoring

Job ID: 480-167672-1

Client Sample ID: MW 5D 031920

Lab Sample ID: 480-167672-1

Date Collected: 03/19/20 08:30

Matrix: Water

Date Received: 03/19/20 16:30

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	117		77 - 120		03/23/20 12:27	1
Toluene-d8 (Surr)	101		80 - 120		03/23/20 12:27	1
4-Bromofluorobenzene (Surr)	109		73 - 120		03/23/20 12:27	1
Dibromofluoromethane (Surr)	104		75 - 123		03/23/20 12:27	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	195		2.5	1.4	mg/L			03/20/20 17:57	5
Sulfate	189		10.0	1.7	mg/L			03/20/20 17:57	5
Alkalinity, Bicarbonate	317	B	50.0	20.0	mg/L			03/20/20 20:58	5
Nitrate as N	0.092		0.050	0.020	mg/L			03/20/20 17:21	1
Nitrite as N	ND	F1	0.050	0.020	mg/L			03/20/20 19:20	1
Sulfide	ND		1.0	0.67	mg/L			03/23/20 12:55	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dissolved Organic Carbon - Duplicate	3.7		1.0	0.43	mg/L			03/20/20 20:59	1

Client Sample ID: MW 5S 031920

Lab Sample ID: 480-167672-2

Date Collected: 03/19/20 10:45

Matrix: Water

Date Received: 03/19/20 16:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			03/23/20 12:50	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			03/23/20 12:50	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			03/23/20 12:50	1
1,1,2-Trichlorotrifluoroethane	ND		1.0	0.31	ug/L			03/23/20 12:50	1
1,1-Dichloroethane	1.1		1.0	0.38	ug/L			03/23/20 12:50	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			03/23/20 12:50	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			03/23/20 12:50	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			03/23/20 12:50	1
1,2-Dibromoethane (EDB)	ND		1.0	0.73	ug/L			03/23/20 12:50	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			03/23/20 12:50	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			03/23/20 12:50	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			03/23/20 12:50	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			03/23/20 12:50	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			03/23/20 12:50	1
2-Hexanone	ND		5.0	1.2	ug/L			03/23/20 12:50	1
2-Butanone (MEK)	ND		10	1.3	ug/L			03/23/20 12:50	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			03/23/20 12:50	1
Acetone	ND		10	3.0	ug/L			03/23/20 12:50	1
Benzene	ND		1.0	0.41	ug/L			03/23/20 12:50	1
Bromodichloromethane	ND		1.0	0.39	ug/L			03/23/20 12:50	1
Bromoform	ND	*	1.0	0.26	ug/L			03/23/20 12:50	1
Bromomethane	ND		1.0	0.69	ug/L			03/23/20 12:50	1
Carbon disulfide	ND		1.0	0.19	ug/L			03/23/20 12:50	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			03/23/20 12:50	1
Chlorobenzene	ND		1.0	0.75	ug/L			03/23/20 12:50	1
Chlorodibromomethane	ND	*	1.0	0.32	ug/L			03/23/20 12:50	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: O'Brien & Gere Inc of North America
Project/Site: Forest Glen Monitoring

Job ID: 480-167672-1

Client Sample ID: MW 5S 031920

Lab Sample ID: 480-167672-2

Date Collected: 03/19/20 10:45

Matrix: Water

Date Received: 03/19/20 16:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloroethane	ND		1.0	0.32	ug/L			03/23/20 12:50	1
Chloroform	ND		1.0	0.34	ug/L			03/23/20 12:50	1
Chloromethane	ND		1.0	0.35	ug/L			03/23/20 12:50	1
cis-1,2-Dichloroethene	1.6		1.0	0.81	ug/L			03/23/20 12:50	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			03/23/20 12:50	1
Cyclohexane	ND		1.0	0.18	ug/L			03/23/20 12:50	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			03/23/20 12:50	1
Ethylbenzene	ND		1.0	0.74	ug/L			03/23/20 12:50	1
Isopropylbenzene	ND		1.0	0.79	ug/L			03/23/20 12:50	1
Methyl acetate	ND		1.3	1.3	ug/L			03/23/20 12:50	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			03/23/20 12:50	1
Methylcyclohexane	ND		1.0	0.16	ug/L			03/23/20 12:50	1
Methylene Chloride	ND		1.0	0.44	ug/L			03/23/20 12:50	1
Styrene	ND		1.0	0.73	ug/L			03/23/20 12:50	1
Tetrachloroethene	ND		1.0	0.36	ug/L			03/23/20 12:50	1
Toluene	ND		1.0	0.51	ug/L			03/23/20 12:50	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			03/23/20 12:50	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			03/23/20 12:50	1
Trichloroethene	0.85 J		1.0	0.46	ug/L			03/23/20 12:50	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			03/23/20 12:50	1
Vinyl chloride	ND		1.0	0.90	ug/L			03/23/20 12:50	1
Xylenes, Total	ND		2.0	0.66	ug/L			03/23/20 12:50	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	117		77 - 120		03/23/20 12:50	1
Toluene-d8 (Surr)	99		80 - 120		03/23/20 12:50	1
4-Bromofluorobenzene (Surr)	110		73 - 120		03/23/20 12:50	1
Dibromofluoromethane (Surr)	118		75 - 123		03/23/20 12:50	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	9.8		1.0	0.56	mg/L			03/20/20 18:37	2
Sulfate	104		4.0	0.70	mg/L			03/20/20 18:37	2
Alkalinity, Bicarbonate	201 B		50.0	20.0	mg/L			03/20/20 20:59	5
Nitrate as N	0.10		0.050	0.020	mg/L			03/20/20 17:24	1
Nitrite as N	0.026 J		0.050	0.020	mg/L			03/20/20 19:23	1
Sulfide	ND		1.0	0.67	mg/L			03/23/20 12:55	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dissolved Organic Carbon - Duplicate	3.3		1.0	0.43	mg/L			03/20/20 20:13	1

Client Sample ID: MW 4D 031920

Lab Sample ID: 480-167672-3

Date Collected: 03/19/20 12:10

Matrix: Water

Date Received: 03/19/20 16:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			03/23/20 13:14	1
1,1,1,2-Tetrachloroethane	ND		1.0	0.21	ug/L			03/23/20 13:14	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: O'Brien & Gere Inc of North America
Project/Site: Forest Glen Monitoring

Job ID: 480-167672-1

Client Sample ID: MW 4D 031920

Lab Sample ID: 480-167672-3

Date Collected: 03/19/20 12:10

Matrix: Water

Date Received: 03/19/20 16:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			03/23/20 13:14	1
1,1,2-Trichlorotrifluoroethane	ND		1.0	0.31	ug/L			03/23/20 13:14	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			03/23/20 13:14	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			03/23/20 13:14	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			03/23/20 13:14	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			03/23/20 13:14	1
1,2-Dibromoethane (EDB)	ND		1.0	0.73	ug/L			03/23/20 13:14	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			03/23/20 13:14	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			03/23/20 13:14	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			03/23/20 13:14	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			03/23/20 13:14	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			03/23/20 13:14	1
2-Hexanone	ND		5.0	1.2	ug/L			03/23/20 13:14	1
2-Butanone (MEK)	ND		10	1.3	ug/L			03/23/20 13:14	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			03/23/20 13:14	1
Acetone	ND		10	3.0	ug/L			03/23/20 13:14	1
Benzene	ND		1.0	0.41	ug/L			03/23/20 13:14	1
Bromodichloromethane	ND		1.0	0.39	ug/L			03/23/20 13:14	1
Bromoform	ND *		1.0	0.26	ug/L			03/23/20 13:14	1
Bromomethane	ND		1.0	0.69	ug/L			03/23/20 13:14	1
Carbon disulfide	ND		1.0	0.19	ug/L			03/23/20 13:14	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			03/23/20 13:14	1
Chlorobenzene	ND		1.0	0.75	ug/L			03/23/20 13:14	1
Chlorodibromomethane	ND *		1.0	0.32	ug/L			03/23/20 13:14	1
Chloroethane	ND		1.0	0.32	ug/L			03/23/20 13:14	1
Chloroform	ND		1.0	0.34	ug/L			03/23/20 13:14	1
Chloromethane	ND		1.0	0.35	ug/L			03/23/20 13:14	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			03/23/20 13:14	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			03/23/20 13:14	1
Cyclohexane	ND		1.0	0.18	ug/L			03/23/20 13:14	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			03/23/20 13:14	1
Ethylbenzene	ND		1.0	0.74	ug/L			03/23/20 13:14	1
Isopropylbenzene	ND		1.0	0.79	ug/L			03/23/20 13:14	1
Methyl acetate	ND		1.3	1.3	ug/L			03/23/20 13:14	1
Methyl tert-butyl ether	0.43	J	1.0	0.16	ug/L			03/23/20 13:14	1
Methylcyclohexane	ND		1.0	0.16	ug/L			03/23/20 13:14	1
Methylene Chloride	ND		1.0	0.44	ug/L			03/23/20 13:14	1
Styrene	ND		1.0	0.73	ug/L			03/23/20 13:14	1
Tetrachloroethene	ND		1.0	0.36	ug/L			03/23/20 13:14	1
Toluene	ND		1.0	0.51	ug/L			03/23/20 13:14	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			03/23/20 13:14	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			03/23/20 13:14	1
Trichloroethene	ND		1.0	0.46	ug/L			03/23/20 13:14	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			03/23/20 13:14	1
Vinyl chloride	ND		1.0	0.90	ug/L			03/23/20 13:14	1
Xylenes, Total	ND		2.0	0.66	ug/L			03/23/20 13:14	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	113		77 - 120		03/23/20 13:14	1
Toluene-d8 (Surr)	98		80 - 120		03/23/20 13:14	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: O'Brien & Gere Inc of North America
Project/Site: Forest Glen Monitoring

Job ID: 480-167672-1

Client Sample ID: MW 4D 031920

Lab Sample ID: 480-167672-3

Date Collected: 03/19/20 12:10

Matrix: Water

Date Received: 03/19/20 16:30

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

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	107		73 - 120		03/23/20 13:14	1
Dibromofluoromethane (Surr)	105		75 - 123		03/23/20 13:14	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	286		2.5	1.4	mg/L			03/20/20 18:45	5
Sulfate	260		10.0	1.7	mg/L			03/20/20 18:45	5
Alkalinity, Bicarbonate	296	B	50.0	20.0	mg/L			03/20/20 21:00	5
Nitrate as N	0.032	J	0.050	0.020	mg/L			03/20/20 17:25	1
Nitrite as N	ND		0.050	0.020	mg/L			03/20/20 17:25	1
Sulfide	0.80	J	1.0	0.67	mg/L			03/23/20 12:55	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dissolved Organic Carbon - Duplicate	3.6		1.0	0.43	mg/L			03/20/20 21:45	1

Client Sample ID: MW 4S 031920

Lab Sample ID: 480-167672-4

Date Collected: 03/19/20 13:50

Matrix: Water

Date Received: 03/19/20 16:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			03/23/20 13:38	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			03/23/20 13:38	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			03/23/20 13:38	1
1,1,2-Trichlorotrifluoroethane	ND		1.0	0.31	ug/L			03/23/20 13:38	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			03/23/20 13:38	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			03/23/20 13:38	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			03/23/20 13:38	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			03/23/20 13:38	1
1,2-Dibromoethane (EDB)	ND		1.0	0.73	ug/L			03/23/20 13:38	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			03/23/20 13:38	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			03/23/20 13:38	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			03/23/20 13:38	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			03/23/20 13:38	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			03/23/20 13:38	1
2-Hexanone	ND		5.0	1.2	ug/L			03/23/20 13:38	1
2-Butanone (MEK)	ND		10	1.3	ug/L			03/23/20 13:38	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			03/23/20 13:38	1
Acetone	ND		10	3.0	ug/L			03/23/20 13:38	1
Benzene	ND		1.0	0.41	ug/L			03/23/20 13:38	1
Bromodichloromethane	ND		1.0	0.39	ug/L			03/23/20 13:38	1
Bromoform	ND	*	1.0	0.26	ug/L			03/23/20 13:38	1
Bromomethane	ND		1.0	0.69	ug/L			03/23/20 13:38	1
Carbon disulfide	ND		1.0	0.19	ug/L			03/23/20 13:38	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			03/23/20 13:38	1
Chlorobenzene	ND		1.0	0.75	ug/L			03/23/20 13:38	1
Chlorodibromomethane	ND	*	1.0	0.32	ug/L			03/23/20 13:38	1
Chloroethane	ND		1.0	0.32	ug/L			03/23/20 13:38	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: O'Brien & Gere Inc of North America
Project/Site: Forest Glen Monitoring

Job ID: 480-167672-1

Client Sample ID: MW 4S 031920

Lab Sample ID: 480-167672-4

Date Collected: 03/19/20 13:50

Matrix: Water

Date Received: 03/19/20 16:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloroform	ND		1.0	0.34	ug/L			03/23/20 13:38	1
Chloromethane	ND		1.0	0.35	ug/L			03/23/20 13:38	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			03/23/20 13:38	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			03/23/20 13:38	1
Cyclohexane	ND		1.0	0.18	ug/L			03/23/20 13:38	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			03/23/20 13:38	1
Ethylbenzene	ND		1.0	0.74	ug/L			03/23/20 13:38	1
Isopropylbenzene	ND		1.0	0.79	ug/L			03/23/20 13:38	1
Methyl acetate	ND		1.3	1.3	ug/L			03/23/20 13:38	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			03/23/20 13:38	1
Methylcyclohexane	ND		1.0	0.16	ug/L			03/23/20 13:38	1
Methylene Chloride	ND		1.0	0.44	ug/L			03/23/20 13:38	1
Styrene	ND		1.0	0.73	ug/L			03/23/20 13:38	1
Tetrachloroethene	ND		1.0	0.36	ug/L			03/23/20 13:38	1
Toluene	ND		1.0	0.51	ug/L			03/23/20 13:38	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			03/23/20 13:38	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			03/23/20 13:38	1
Trichloroethene	ND		1.0	0.46	ug/L			03/23/20 13:38	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			03/23/20 13:38	1
Vinyl chloride	ND		1.0	0.90	ug/L			03/23/20 13:38	1
Xylenes, Total	ND		2.0	0.66	ug/L			03/23/20 13:38	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	110		77 - 120		03/23/20 13:38	1
Toluene-d8 (Surr)	97		80 - 120		03/23/20 13:38	1
4-Bromofluorobenzene (Surr)	106		73 - 120		03/23/20 13:38	1
Dibromofluoromethane (Surr)	103		75 - 123		03/23/20 13:38	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	14.6		5.0	2.8	mg/L			03/23/20 14:13	10
Sulfate	1490		40.0	7.0	mg/L			03/24/20 13:29	20
Alkalinity, Bicarbonate	469	B	50.0	20.0	mg/L			03/20/20 21:00	5
Nitrate as N	0.23		0.050	0.020	mg/L			03/20/20 17:26	1
Nitrite as N	0.022	J	0.050	0.020	mg/L			03/20/20 19:24	1
Sulfide	ND		1.0	0.67	mg/L			03/23/20 12:55	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dissolved Organic Carbon - Duplicate	3.4		1.0	0.43	mg/L			03/20/20 22:01	1

Client Sample ID: TRIP BLANK

Lab Sample ID: 480-167672-5

Date Collected: 03/19/20 00:00

Matrix: Water

Date Received: 03/19/20 16:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			03/23/20 14:03	1
1,1,1,2-Tetrachloroethane	ND		1.0	0.21	ug/L			03/23/20 14:03	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			03/23/20 14:03	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: O'Brien & Gere Inc of North America
 Project/Site: Forest Glen Monitoring

Job ID: 480-167672-1

Client Sample ID: TRIP BLANK

Lab Sample ID: 480-167672-5

Date Collected: 03/19/20 00:00

Matrix: Water

Date Received: 03/19/20 16:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2-Trichlorotrifluoroethane	ND		1.0	0.31	ug/L			03/23/20 14:03	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			03/23/20 14:03	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			03/23/20 14:03	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			03/23/20 14:03	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			03/23/20 14:03	1
1,2-Dibromoethane (EDB)	ND		1.0	0.73	ug/L			03/23/20 14:03	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			03/23/20 14:03	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			03/23/20 14:03	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			03/23/20 14:03	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			03/23/20 14:03	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			03/23/20 14:03	1
2-Hexanone	ND		5.0	1.2	ug/L			03/23/20 14:03	1
2-Butanone (MEK)	ND		10	1.3	ug/L			03/23/20 14:03	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			03/23/20 14:03	1
Acetone	ND		10	3.0	ug/L			03/23/20 14:03	1
Benzene	ND		1.0	0.41	ug/L			03/23/20 14:03	1
Bromodichloromethane	ND		1.0	0.39	ug/L			03/23/20 14:03	1
Bromoform	ND *		1.0	0.26	ug/L			03/23/20 14:03	1
Bromomethane	ND		1.0	0.69	ug/L			03/23/20 14:03	1
Carbon disulfide	ND		1.0	0.19	ug/L			03/23/20 14:03	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			03/23/20 14:03	1
Chlorobenzene	ND		1.0	0.75	ug/L			03/23/20 14:03	1
Chlorodibromomethane	ND *		1.0	0.32	ug/L			03/23/20 14:03	1
Chloroethane	ND		1.0	0.32	ug/L			03/23/20 14:03	1
Chloroform	ND		1.0	0.34	ug/L			03/23/20 14:03	1
Chloromethane	ND		1.0	0.35	ug/L			03/23/20 14:03	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			03/23/20 14:03	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			03/23/20 14:03	1
Cyclohexane	ND		1.0	0.18	ug/L			03/23/20 14:03	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			03/23/20 14:03	1
Ethylbenzene	ND		1.0	0.74	ug/L			03/23/20 14:03	1
Isopropylbenzene	ND		1.0	0.79	ug/L			03/23/20 14:03	1
Methyl acetate	ND		1.3	1.3	ug/L			03/23/20 14:03	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			03/23/20 14:03	1
Methylcyclohexane	ND		1.0	0.16	ug/L			03/23/20 14:03	1
Methylene Chloride	ND		1.0	0.44	ug/L			03/23/20 14:03	1
Styrene	ND		1.0	0.73	ug/L			03/23/20 14:03	1
Tetrachloroethene	ND		1.0	0.36	ug/L			03/23/20 14:03	1
Toluene	ND		1.0	0.51	ug/L			03/23/20 14:03	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			03/23/20 14:03	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			03/23/20 14:03	1
Trichloroethene	ND		1.0	0.46	ug/L			03/23/20 14:03	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			03/23/20 14:03	1
Vinyl chloride	ND		1.0	0.90	ug/L			03/23/20 14:03	1
Xylenes, Total	ND		2.0	0.66	ug/L			03/23/20 14:03	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	109		77 - 120		03/23/20 14:03	1
Toluene-d8 (Surr)	101		80 - 120		03/23/20 14:03	1
4-Bromofluorobenzene (Surr)	105		73 - 120		03/23/20 14:03	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: O'Brien & Gere Inc of North America
Project/Site: Forest Glen Monitoring

Job ID: 480-167672-1

Client Sample ID: TRIP BLANK

Lab Sample ID: 480-167672-5

Date Collected: 03/19/20 00:00

Matrix: Water

Date Received: 03/19/20 16:30

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

<i>Surrogate</i>	<i>%Recovery</i>	<i>Qualifier</i>	<i>Limits</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Dil Fac</i>
<i>Dibromofluoromethane (Surr)</i>	<i>105</i>		<i>75 - 123</i>		<i>03/23/20 14:03</i>	<i>1</i>

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14
- 15
- 16

Surrogate Summary

Client: O'Brien & Gere Inc of North America
Project/Site: Forest Glen Monitoring

Job ID: 480-167672-1

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

Matrix: Water

Prep Type: Total/NA

Percent Surrogate Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	DCA	TOL	BFB	DBFM
		(77-120)	(80-120)	(73-120)	(75-123)
480-167672-1	MW 5D 031920	117	101	109	104
480-167672-1 MS	MW 5D 031920	113	102	110	105
480-167672-1 MSD	MW 5D 031920	109	99	106	109
480-167672-2	MW 5S 031920	117	99	110	118
480-167672-3	MW 4D 031920	113	98	107	105
480-167672-4	MW 4S 031920	110	97	106	103
480-167672-5	TRIP BLANK	109	101	105	105
LCS 480-522544/9	Lab Control Sample	105	103	112	103
MB 480-522544/7	Method Blank	111	101	111	101

Surrogate Legend

DCA = 1,2-Dichloroethane-d4 (Surr)

TOL = Toluene-d8 (Surr)

BFB = 4-Bromofluorobenzene (Surr)

DBFM = Dibromofluoromethane (Surr)

QC Sample Results

Client: O'Brien & Gere Inc of North America
 Project/Site: Forest Glen Monitoring

Job ID: 480-167672-1

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

Lab Sample ID: MB 480-522544/7
Matrix: Water
Analysis Batch: 522544

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			03/23/20 09:41	1
1,1,1,2-Tetrachloroethane	ND		1.0	0.21	ug/L			03/23/20 09:41	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			03/23/20 09:41	1
1,1,2-Trichlorotrifluoroethane	ND		1.0	0.31	ug/L			03/23/20 09:41	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			03/23/20 09:41	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			03/23/20 09:41	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			03/23/20 09:41	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			03/23/20 09:41	1
1,2-Dibromoethane (EDB)	ND		1.0	0.73	ug/L			03/23/20 09:41	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			03/23/20 09:41	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			03/23/20 09:41	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			03/23/20 09:41	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			03/23/20 09:41	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			03/23/20 09:41	1
2-Hexanone	ND		5.0	1.2	ug/L			03/23/20 09:41	1
2-Butanone (MEK)	ND		10	1.3	ug/L			03/23/20 09:41	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			03/23/20 09:41	1
Acetone	ND		10	3.0	ug/L			03/23/20 09:41	1
Benzene	ND		1.0	0.41	ug/L			03/23/20 09:41	1
Bromodichloromethane	ND		1.0	0.39	ug/L			03/23/20 09:41	1
Bromoform	ND		1.0	0.26	ug/L			03/23/20 09:41	1
Bromomethane	ND		1.0	0.69	ug/L			03/23/20 09:41	1
Carbon disulfide	ND		1.0	0.19	ug/L			03/23/20 09:41	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			03/23/20 09:41	1
Chlorobenzene	ND		1.0	0.75	ug/L			03/23/20 09:41	1
Chlorodibromomethane	ND		1.0	0.32	ug/L			03/23/20 09:41	1
Chloroethane	ND		1.0	0.32	ug/L			03/23/20 09:41	1
Chloroform	ND		1.0	0.34	ug/L			03/23/20 09:41	1
Chloromethane	ND		1.0	0.35	ug/L			03/23/20 09:41	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			03/23/20 09:41	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			03/23/20 09:41	1
Cyclohexane	ND		1.0	0.18	ug/L			03/23/20 09:41	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			03/23/20 09:41	1
Ethylbenzene	ND		1.0	0.74	ug/L			03/23/20 09:41	1
Isopropylbenzene	ND		1.0	0.79	ug/L			03/23/20 09:41	1
Methyl acetate	ND		1.3	1.3	ug/L			03/23/20 09:41	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			03/23/20 09:41	1
Methylcyclohexane	ND		1.0	0.16	ug/L			03/23/20 09:41	1
Methylene Chloride	ND		1.0	0.44	ug/L			03/23/20 09:41	1
Styrene	ND		1.0	0.73	ug/L			03/23/20 09:41	1
Tetrachloroethene	ND		1.0	0.36	ug/L			03/23/20 09:41	1
Toluene	ND		1.0	0.51	ug/L			03/23/20 09:41	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			03/23/20 09:41	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			03/23/20 09:41	1
Trichloroethene	ND		1.0	0.46	ug/L			03/23/20 09:41	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			03/23/20 09:41	1
Vinyl chloride	ND		1.0	0.90	ug/L			03/23/20 09:41	1
Xylenes, Total	ND		2.0	0.66	ug/L			03/23/20 09:41	1

Eurofins TestAmerica, Buffalo

QC Sample Results

Client: O'Brien & Gere Inc of North America
 Project/Site: Forest Glen Monitoring

Job ID: 480-167672-1

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

Lab Sample ID: MB 480-522544/7
Matrix: Water
Analysis Batch: 522544

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

Surrogate	MB MB		Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
1,2-Dichloroethane-d4 (Surr)	111		77 - 120		03/23/20 09:41	1
Toluene-d8 (Surr)	101		80 - 120		03/23/20 09:41	1
4-Bromofluorobenzene (Surr)	111		73 - 120		03/23/20 09:41	1
Dibromofluoromethane (Surr)	101		75 - 123		03/23/20 09:41	1

Lab Sample ID: LCS 480-522544/9
Matrix: Water
Analysis Batch: 522544

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	27.5		ug/L		110	73 - 126
1,1,2,2-Tetrachloroethane	25.0	24.4		ug/L		98	76 - 120
1,1,2-Trichloroethane	25.0	26.0		ug/L		104	76 - 122
1,1,2-Trichlorotrifluoroethane	25.0	27.0		ug/L		108	61 - 148
1,1-Dichloroethane	25.0	21.6		ug/L		86	77 - 120
1,1-Dichloroethene	25.0	25.0		ug/L		100	66 - 127
1,2,4-Trichlorobenzene	25.0	23.7		ug/L		95	79 - 122
1,2-Dibromo-3-Chloropropane	25.0	28.6		ug/L		114	56 - 134
1,2-Dibromoethane (EDB)	25.0	28.9		ug/L		116	77 - 120
1,2-Dichlorobenzene	25.0	24.8		ug/L		99	80 - 124
1,2-Dichloroethane	25.0	25.6		ug/L		102	75 - 120
1,2-Dichloropropane	25.0	22.0		ug/L		88	76 - 120
1,3-Dichlorobenzene	25.0	27.0		ug/L		108	77 - 120
1,4-Dichlorobenzene	25.0	25.9		ug/L		104	80 - 120
2-Hexanone	125	117		ug/L		94	65 - 127
2-Butanone (MEK)	125	117		ug/L		94	57 - 140
4-Methyl-2-pentanone (MIBK)	125	131		ug/L		105	71 - 125
Acetone	125	122		ug/L		97	56 - 142
Benzene	25.0	23.2		ug/L		93	71 - 124
Bromodichloromethane	25.0	27.0		ug/L		108	80 - 122
Bromoform	25.0	34.3	*	ug/L		137	61 - 132
Bromomethane	25.0	20.6		ug/L		82	55 - 144
Carbon disulfide	25.0	21.5		ug/L		86	59 - 134
Carbon tetrachloride	25.0	30.2		ug/L		121	72 - 134
Chlorobenzene	25.0	25.6		ug/L		102	80 - 120
Chlorodibromomethane	25.0	31.6	*	ug/L		126	75 - 125
Chloroethane	25.0	17.9		ug/L		72	69 - 136
Chloroform	25.0	26.3		ug/L		105	73 - 127
Chloromethane	25.0	17.9		ug/L		71	68 - 124
cis-1,2-Dichloroethene	25.0	24.1		ug/L		96	74 - 124
cis-1,3-Dichloropropene	25.0	27.0		ug/L		108	74 - 124
Cyclohexane	25.0	21.9		ug/L		88	59 - 135
Dichlorodifluoromethane	25.0	30.0		ug/L		120	59 - 135
Ethylbenzene	25.0	25.7		ug/L		103	77 - 123
Isopropylbenzene	25.0	27.1		ug/L		109	77 - 122
Methyl acetate	50.0	44.2		ug/L		88	74 - 133
Methyl tert-butyl ether	25.0	25.4		ug/L		101	77 - 120
Methylcyclohexane	25.0	23.8		ug/L		95	68 - 134

Eurofins TestAmerica, Buffalo

QC Sample Results

Client: O'Brien & Gere Inc of North America
Project/Site: Forest Glen Monitoring

Job ID: 480-167672-1

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

Lab Sample ID: LCS 480-522544/9

Matrix: Water

Analysis Batch: 522544

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	22.2		ug/L		89	75 - 124
Styrene	25.0	26.7		ug/L		107	80 - 120
Tetrachloroethene	25.0	28.7		ug/L		115	74 - 122
Toluene	25.0	24.9		ug/L		100	80 - 122
trans-1,2-Dichloroethene	25.0	22.5		ug/L		90	73 - 127
trans-1,3-Dichloropropene	25.0	29.0		ug/L		116	80 - 120
Trichloroethene	25.0	25.5		ug/L		102	74 - 123
Trichlorofluoromethane	25.0	27.4		ug/L		110	62 - 150
Vinyl chloride	25.0	18.8		ug/L		75	65 - 133

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	105		77 - 120
Toluene-d8 (Surr)	103		80 - 120
4-Bromofluorobenzene (Surr)	112		73 - 120
Dibromofluoromethane (Surr)	103		75 - 123

Lab Sample ID: 480-167672-1 MS

Matrix: Water

Analysis Batch: 522544

Client Sample ID: MW 5D 031920

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1-Trichloroethane	ND	F1	25.0	33.3	F1	ug/L		133	73 - 126
1,1,2,2-Tetrachloroethane	ND		25.0	27.1		ug/L		108	76 - 120
1,1,2-Trichloroethane	ND		25.0	26.7		ug/L		107	76 - 122
1,1,2-Trichlorotrifluoroethane	ND		25.0	30.5		ug/L		122	61 - 148
1,1-Dichloroethane	ND		25.0	25.8		ug/L		103	77 - 120
1,1-Dichloroethene	ND		25.0	28.9		ug/L		116	66 - 127
1,2,4-Trichlorobenzene	ND		25.0	22.9		ug/L		92	79 - 122
1,2-Dibromo-3-Chloropropane	ND		25.0	28.6		ug/L		115	56 - 134
1,2-Dibromoethane (EDB)	ND	F1	25.0	30.6	F1	ug/L		122	77 - 120
1,2-Dichlorobenzene	ND		25.0	26.3		ug/L		105	80 - 124
1,2-Dichloroethane	ND		25.0	28.9		ug/L		116	75 - 120
1,2-Dichloropropane	ND		25.0	24.7		ug/L		99	76 - 120
1,3-Dichlorobenzene	ND		25.0	28.6		ug/L		114	77 - 120
1,4-Dichlorobenzene	ND		25.0	26.8		ug/L		107	78 - 124
2-Hexanone	ND		125	121		ug/L		97	65 - 127
2-Butanone (MEK)	ND		125	127		ug/L		101	57 - 140
4-Methyl-2-pentanone (MIBK)	ND		125	139		ug/L		111	71 - 125
Acetone	ND	F2	125	116		ug/L		93	56 - 142
Benzene	ND		25.0	26.5		ug/L		106	71 - 124
Bromodichloromethane	ND	F1	25.0	31.0	F1	ug/L		124	80 - 122
Bromoform	ND	*	25.0	32.8		ug/L		131	61 - 132
Bromomethane	ND		25.0	26.1		ug/L		104	55 - 144
Carbon disulfide	ND		25.0	24.5		ug/L		98	59 - 134
Carbon tetrachloride	ND	F1	25.0	35.4	F1	ug/L		142	72 - 134
Chlorobenzene	ND		25.0	27.2		ug/L		109	80 - 120
Chlorodibromomethane	ND	F1 *	25.0	32.7	F1	ug/L		131	75 - 125
Chloroethane	ND		25.0	21.7		ug/L		87	69 - 136

Eurofins TestAmerica, Buffalo

QC Sample Results

Client: O'Brien & Gere Inc of North America
Project/Site: Forest Glen Monitoring

Job ID: 480-167672-1

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

Lab Sample ID: 480-167672-1 MS

Matrix: Water

Analysis Batch: 522544

Client Sample ID: MW 5D 031920

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits	
Chloroform	ND		25.0	30.0		ug/L		120	73 - 127	
Chloromethane	ND		25.0	21.9		ug/L		88	68 - 124	
cis-1,2-Dichloroethene	ND		25.0	28.8		ug/L		115	74 - 124	
cis-1,3-Dichloropropene	ND		25.0	28.5		ug/L		114	74 - 124	
Cyclohexane	ND		25.0	25.2		ug/L		101	59 - 135	
Dichlorodifluoromethane	ND		25.0	33.7		ug/L		135	59 - 135	
Ethylbenzene	ND		25.0	27.5		ug/L		110	77 - 123	
Isopropylbenzene	ND		25.0	29.5		ug/L		118	77 - 122	
Methyl acetate	ND		50.0	45.7		ug/L		91	74 - 133	
Methyl tert-butyl ether	0.42	J	25.0	30.0		ug/L		118	77 - 120	
Methylcyclohexane	ND		25.0	28.0		ug/L		112	68 - 134	
Methylene Chloride	ND		25.0	26.0		ug/L		104	75 - 124	
Styrene	ND		25.0	28.2		ug/L		113	80 - 120	
Tetrachloroethene	ND	F1	25.0	31.3	F1	ug/L		125	74 - 122	
Toluene	ND		25.0	27.2		ug/L		109	80 - 122	
trans-1,2-Dichloroethene	ND		25.0	26.7		ug/L		107	73 - 127	
trans-1,3-Dichloropropene	ND		25.0	29.7		ug/L		119	80 - 120	
Trichloroethene	ND		25.0	29.0		ug/L		116	74 - 123	
Trichlorofluoromethane	ND		25.0	32.6		ug/L		130	62 - 150	
Vinyl chloride	ND		25.0	24.1		ug/L		96	65 - 133	
		MS MS								
Surrogate	%Recovery	Qualifier	Limits							
1,2-Dichloroethane-d4 (Surr)	113		77 - 120							
Toluene-d8 (Surr)	102		80 - 120							
4-Bromofluorobenzene (Surr)	110		73 - 120							
Dibromofluoromethane (Surr)	105		75 - 123							

Lab Sample ID: 480-167672-1 MSD

Matrix: Water

Analysis Batch: 522544

Client Sample ID: MW 5D 031920

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	Limit
1,1,1-Trichloroethane	ND	F1	25.0	32.7	F1	ug/L		131	73 - 126	2	15
1,1,2,2-Tetrachloroethane	ND		25.0	26.3		ug/L		105	76 - 120	3	15
1,1,2-Trichloroethane	ND		25.0	25.5		ug/L		102	76 - 122	5	15
1,1,2-Trichlorotrifluoroethane	ND		25.0	29.0		ug/L		116	61 - 148	5	20
1,1-Dichloroethane	ND		25.0	26.3		ug/L		105	77 - 120	2	20
1,1-Dichloroethene	ND		25.0	28.3		ug/L		113	66 - 127	2	16
1,2,4-Trichlorobenzene	ND		25.0	25.4		ug/L		102	79 - 122	10	20
1,2-Dibromo-3-Chloropropane	ND		25.0	30.2		ug/L		121	56 - 134	5	15
1,2-Dibromoethane (EDB)	ND	F1	25.0	31.1	F1	ug/L		124	77 - 120	2	15
1,2-Dichlorobenzene	ND		25.0	26.4		ug/L		106	80 - 124	1	20
1,2-Dichloroethane	ND		25.0	29.9		ug/L		119	75 - 120	3	20
1,2-Dichloropropane	ND		25.0	26.5		ug/L		106	76 - 120	7	20
1,3-Dichlorobenzene	ND		25.0	28.8		ug/L		115	77 - 120	1	20
1,4-Dichlorobenzene	ND		25.0	26.7		ug/L		107	78 - 124	1	20
2-Hexanone	ND		125	124		ug/L		99	65 - 127	3	15
2-Butanone (MEK)	ND		125	136		ug/L		108	57 - 140	7	20

Eurofins TestAmerica, Buffalo

QC Sample Results

Client: O'Brien & Gere Inc of North America
Project/Site: Forest Glen Monitoring

Job ID: 480-167672-1

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

Lab Sample ID: 480-167672-1 MSD

Matrix: Water

Analysis Batch: 522544

Client Sample ID: MW 5D 031920

Prep Type: Total/NA

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec.	RPD	RPD
	Result	Qualifier		Result	Qualifier				Limits		Limit
4-Methyl-2-pentanone (MIBK)	ND		125	136		ug/L		109	71 - 125	2	35
Acetone	ND	F2	125	137	F7	ug/L		110	56 - 142	17	15
Benzene	ND		25.0	26.4		ug/L		106	71 - 124	0	13
Bromodichloromethane	ND	F1	25.0	31.6	F1	ug/L		126	80 - 122	2	15
Bromoform	ND	*	25.0	32.9		ug/L		132	61 - 132	0	15
Bromomethane	ND		25.0	25.4		ug/L		101	55 - 144	3	15
Carbon disulfide	ND		25.0	23.8		ug/L		95	59 - 134	3	15
Carbon tetrachloride	ND	F1	25.0	36.5	F1	ug/L		146	72 - 134	3	15
Chlorobenzene	ND		25.0	27.3		ug/L		109	80 - 120	0	25
Chlorodibromomethane	ND	F1 *	25.0	32.3	F1	ug/L		129	75 - 125	1	15
Chloroethane	ND		25.0	21.2		ug/L		85	69 - 136	2	15
Chloroform	ND		25.0	29.2		ug/L		117	73 - 127	3	20
Chloromethane	ND		25.0	21.1		ug/L		85	68 - 124	4	15
cis-1,2-Dichloroethene	ND		25.0	29.1		ug/L		116	74 - 124	1	15
cis-1,3-Dichloropropene	ND		25.0	29.6		ug/L		119	74 - 124	4	15
Cyclohexane	ND		25.0	24.1		ug/L		96	59 - 135	5	20
Dichlorodifluoromethane	ND		25.0	33.8		ug/L		135	59 - 135	0	20
Ethylbenzene	ND		25.0	27.2		ug/L		109	77 - 123	1	15
Isopropylbenzene	ND		25.0	28.8		ug/L		115	77 - 122	2	20
Methyl acetate	ND		50.0	48.6		ug/L		97	74 - 133	6	20
Methyl tert-butyl ether	0.42	J	25.0	29.5		ug/L		116	77 - 120	2	37
Methylcyclohexane	ND		25.0	27.7		ug/L		111	68 - 134	1	20
Methylene Chloride	ND		25.0	26.3		ug/L		105	75 - 124	1	15
Styrene	ND		25.0	27.6		ug/L		110	80 - 120	2	20
Tetrachloroethene	ND	F1	25.0	32.1	F1	ug/L		128	74 - 122	2	20
Toluene	ND		25.0	27.3		ug/L		109	80 - 122	1	15
trans-1,2-Dichloroethene	ND		25.0	26.3		ug/L		105	73 - 127	1	20
trans-1,3-Dichloropropene	ND		25.0	28.4		ug/L		114	80 - 120	4	15
Trichloroethene	ND		25.0	30.3		ug/L		121	74 - 123	4	16
Trichlorofluoromethane	ND		25.0	31.6		ug/L		127	62 - 150	3	20
Vinyl chloride	ND		25.0	24.7		ug/L		99	65 - 133	3	15

Surrogate	MSD	MSD	Limits
	%Recovery	Qualifier	
1,2-Dichloroethane-d4 (Surr)	109		77 - 120
Toluene-d8 (Surr)	99		80 - 120
4-Bromofluorobenzene (Surr)	106		73 - 120
Dibromofluoromethane (Surr)	109		75 - 123

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 480-522452/4

Matrix: Water

Analysis Batch: 522452

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Chloride	ND		0.50	0.28	mg/L			03/20/20 17:08	1
Sulfate	ND		2.0	0.35	mg/L			03/20/20 17:08	1

Eurofins TestAmerica, Buffalo

QC Sample Results

Client: O'Brien & Gere Inc of North America
Project/Site: Forest Glen Monitoring

Job ID: 480-167672-1

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: LCS 480-522452/3
Matrix: Water
Analysis Batch: 522452

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	50.0	51.73		mg/L		103	90 - 110
Sulfate	50.0	48.97		mg/L		98	90 - 110

Lab Sample ID: 480-167672-1 MS
Matrix: Water
Analysis Batch: 522452

Client Sample ID: MW 5D 031920
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	195		250	437.4		mg/L		97	81 - 120
Sulfate	189		250	409.1		mg/L		88	80 - 120

Lab Sample ID: 480-167672-1 MSD
Matrix: Water
Analysis Batch: 522452

Client Sample ID: MW 5D 031920
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	195		250	436.5		mg/L		97	81 - 120	0	15
Sulfate	189		250	408.9		mg/L		88	80 - 120	0	15

Lab Sample ID: MB 480-522637/4
Matrix: Water
Analysis Batch: 522637

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		0.50	0.28	mg/L			03/23/20 13:32	1
Sulfate	ND		2.0	0.35	mg/L			03/23/20 13:32	1

Lab Sample ID: LCS 480-522637/3
Matrix: Water
Analysis Batch: 522637

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	50.0	50.73		mg/L		101	90 - 110
Sulfate	50.0	48.19		mg/L		96	90 - 110

Lab Sample ID: 480-167672-4 MS
Matrix: Water
Analysis Batch: 522637

Client Sample ID: MW 4S 031920
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	14.6		500	519.6		mg/L		101	81 - 120
Sulfate	1430	E	500	1873	E	mg/L		88	80 - 120

Lab Sample ID: 480-167672-4 MSD
Matrix: Water
Analysis Batch: 522637

Client Sample ID: MW 4S 031920
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	14.6		500	513.7		mg/L		100	81 - 120	1	15
Sulfate	1430	E	500	1869	E	mg/L		87	80 - 120	0	15

Eurofins TestAmerica, Buffalo

QC Sample Results

Client: O'Brien & Gere Inc of North America
 Project/Site: Forest Glen Monitoring

Job ID: 480-167672-1

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 480-522795/4
Matrix: Water
Analysis Batch: 522795

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		0.50	0.28	mg/L			03/24/20 13:15	1
Sulfate	ND		2.0	0.35	mg/L			03/24/20 13:15	1

Lab Sample ID: LCS 480-522795/3
Matrix: Water
Analysis Batch: 522795

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	50.0	50.29		mg/L		101	90 - 110
Sulfate	50.0	50.47		mg/L		101	90 - 110

Method: 310.2 ASP - Alkalinity - Colorimetric

Lab Sample ID: MB 480-522498/50
Matrix: Water
Analysis Batch: 522498

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			03/20/20 20:27	1

Lab Sample ID: MB 480-522498/69
Matrix: Water
Analysis Batch: 522498

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Alkalinity, Bicarbonate	4.58	J	10.0	4.0	mg/L			03/20/20 20:56	1

Lab Sample ID: MB 480-522498/78
Matrix: Water
Analysis Batch: 522498

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Alkalinity, Bicarbonate	7.02	J	10.0	4.0	mg/L			03/20/20 21:00	1

Lab Sample ID: LCS 480-522498/48
Matrix: Water
Analysis Batch: 522498

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	50.77		mg/L		102	90 - 110

Lab Sample ID: LCS 480-522498/67
Matrix: Water
Analysis Batch: 522498

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Alkalinity, Bicarbonate	50.0	52.91		mg/L		106	90 - 110

QC Sample Results

Client: O'Brien & Gere Inc of North America
 Project/Site: Forest Glen Monitoring

Job ID: 480-167672-1

Method: 310.2_ASP - Alkalinity - Colorimetric (Continued)

Lab Sample ID: LCS 480-522498/76
Matrix: Water
Analysis Batch: 522498

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	50.09		mg/L		100	90 - 110

Lab Sample ID: 480-167672-1 MS
Matrix: Water
Analysis Batch: 522498

Client Sample ID: MW 5D 031920
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Alkalinity, Bicarbonate	317	B	20.0	342.1	4	mg/L		124	60 - 140

Lab Sample ID: 480-167672-1 MSD
Matrix: Water
Analysis Batch: 522498

Client Sample ID: MW 5D 031920
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	317	B	20.0	342.7	4	mg/L		127	60 - 140	0	20

Method: 353.2 - Nitrogen, Nitrite

Lab Sample ID: MB 480-522475/3
Matrix: Water
Analysis Batch: 522475

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrite as N	ND		0.050	0.020	mg/L			03/20/20 19:18	1

Lab Sample ID: LCS 480-522475/4
Matrix: Water
Analysis Batch: 522475

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	1.49		mg/L		99	90 - 110

Lab Sample ID: 480-167672-1 MS
Matrix: Water
Analysis Batch: 522475

Client Sample ID: MW 5D 031920
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	0.998		mg/L		100	90 - 110

Lab Sample ID: 480-167672-1 MSD
Matrix: Water
Analysis Batch: 522475

Client Sample ID: MW 5D 031920
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Nitrite as N	ND	F1	1.00	1.18	F1	mg/L		118	90 - 110	17	20

QC Sample Results

Client: O'Brien & Gere Inc of North America
 Project/Site: Forest Glen Monitoring

Job ID: 480-167672-1

Method: SM 4500 S2 F - Sulfide, Total

Lab Sample ID: MB 480-522676/27
 Matrix: Water
 Analysis Batch: 522676

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			03/23/20 12:55	1

Lab Sample ID: LCS 480-522676/28
 Matrix: Water
 Analysis Batch: 522676

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

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

Lab Sample ID: 480-167672-1 MS
 Matrix: Water
 Analysis Batch: 522676

Client Sample ID: MW 5D 031920
 Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Sulfide	ND		2.60	2.80		mg/L		108	40 - 150

Lab Sample ID: 480-167672-1 MSD
 Matrix: Water
 Analysis Batch: 522676

Client Sample ID: MW 5D 031920
 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		2.60	2.80		mg/L		108	40 - 150	0	20

Lab Sample ID: 480-167672-3 DU
 Matrix: Water
 Analysis Batch: 522676

Client Sample ID: MW 4D 031920
 Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	DU Result	DU Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Sulfide	0.80	J		0.800	J	mg/L				0	20

Method: SM 5310C - Organic Carbon, Dissolved (DOC)

Lab Sample ID: MB 480-522844/3
 Matrix: Water
 Analysis Batch: 522844

Client Sample ID: Method Blank
 Prep Type: Dissolved

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dissolved Organic Carbon - Duplicate	ND		1.0	0.43	mg/L			03/20/20 17:54	1

Lab Sample ID: LCS 480-522844/4
 Matrix: Water
 Analysis Batch: 522844

Client Sample ID: Lab Control Sample
 Prep Type: Dissolved

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Dissolved Organic Carbon - Duplicate	60.0	61.18		mg/L		102	90 - 110

QC Sample Results

Client: O'Brien & Gere Inc of North America
 Project/Site: Forest Glen Monitoring

Job ID: 480-167672-1

Method: SM 5310C - Organic Carbon, Dissolved (DOC) (Continued)

Lab Sample ID: 480-167672-1 MS
Matrix: Water
Analysis Batch: 522844

Client Sample ID: MW 5D 031920
Prep Type: Dissolved

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Dissolved Organic Carbon - Duplicate	3.7		23.3	31.26		mg/L		119	54 - 131

Lab Sample ID: 480-167672-1 MSD
Matrix: Water
Analysis Batch: 522844

Client Sample ID: MW 5D 031920
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	3.7		23.3	30.03		mg/L		113	54 - 131	4	20



QC Association Summary

Client: O'Brien & Gere Inc of North America
Project/Site: Forest Glen Monitoring

Job ID: 480-167672-1

GC/MS VOA

Analysis Batch: 522544

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-167672-1	MW 5D 031920	Total/NA	Water	8260C	
480-167672-2	MW 5S 031920	Total/NA	Water	8260C	
480-167672-3	MW 4D 031920	Total/NA	Water	8260C	
480-167672-4	MW 4S 031920	Total/NA	Water	8260C	
480-167672-5	TRIP BLANK	Total/NA	Water	8260C	
MB 480-522544/7	Method Blank	Total/NA	Water	8260C	
LCS 480-522544/9	Lab Control Sample	Total/NA	Water	8260C	
480-167672-1 MS	MW 5D 031920	Total/NA	Water	8260C	
480-167672-1 MSD	MW 5D 031920	Total/NA	Water	8260C	

General Chemistry

Analysis Batch: 522452

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-167672-1	MW 5D 031920	Total/NA	Water	300.0	
480-167672-2	MW 5S 031920	Total/NA	Water	300.0	
480-167672-3	MW 4D 031920	Total/NA	Water	300.0	
MB 480-522452/4	Method Blank	Total/NA	Water	300.0	
LCS 480-522452/3	Lab Control Sample	Total/NA	Water	300.0	
480-167672-1 MS	MW 5D 031920	Total/NA	Water	300.0	
480-167672-1 MSD	MW 5D 031920	Total/NA	Water	300.0	

Analysis Batch: 522475

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-167672-1	MW 5D 031920	Total/NA	Water	353.2	
480-167672-2	MW 5S 031920	Total/NA	Water	353.2	
480-167672-4	MW 4S 031920	Total/NA	Water	353.2	
MB 480-522475/3	Method Blank	Total/NA	Water	353.2	
LCS 480-522475/4	Lab Control Sample	Total/NA	Water	353.2	
480-167672-1 MS	MW 5D 031920	Total/NA	Water	353.2	
480-167672-1 MSD	MW 5D 031920	Total/NA	Water	353.2	

Analysis Batch: 522491

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-167672-1	MW 5D 031920	Total/NA	Water	353.2	
480-167672-2	MW 5S 031920	Total/NA	Water	353.2	
480-167672-3	MW 4D 031920	Total/NA	Water	353.2	
480-167672-4	MW 4S 031920	Total/NA	Water	353.2	

Analysis Batch: 522492

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-167672-3	MW 4D 031920	Total/NA	Water	353.2	

Analysis Batch: 522498

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-167672-1	MW 5D 031920	Total/NA	Water	310.2_ASP	
480-167672-2	MW 5S 031920	Total/NA	Water	310.2_ASP	
480-167672-3	MW 4D 031920	Total/NA	Water	310.2_ASP	
480-167672-4	MW 4S 031920	Total/NA	Water	310.2_ASP	
MB 480-522498/50	Method Blank	Total/NA	Water	310.2_ASP	
MB 480-522498/69	Method Blank	Total/NA	Water	310.2_ASP	

Eurofins TestAmerica, Buffalo

QC Association Summary

Client: O'Brien & Gere Inc of North America
Project/Site: Forest Glen Monitoring

Job ID: 480-167672-1

General Chemistry (Continued)

Analysis Batch: 522498 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 480-522498/78	Method Blank	Total/NA	Water	310.2_ASP	
LCS 480-522498/48	Lab Control Sample	Total/NA	Water	310.2_ASP	
LCS 480-522498/67	Lab Control Sample	Total/NA	Water	310.2_ASP	
LCS 480-522498/76	Lab Control Sample	Total/NA	Water	310.2_ASP	
480-167672-1 MS	MW 5D 031920	Total/NA	Water	310.2_ASP	
480-167672-1 MSD	MW 5D 031920	Total/NA	Water	310.2_ASP	

Analysis Batch: 522637

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-167672-4	MW 4S 031920	Total/NA	Water	300.0	
MB 480-522637/4	Method Blank	Total/NA	Water	300.0	
LCS 480-522637/3	Lab Control Sample	Total/NA	Water	300.0	
480-167672-4 MS	MW 4S 031920	Total/NA	Water	300.0	
480-167672-4 MSD	MW 4S 031920	Total/NA	Water	300.0	

Analysis Batch: 522676

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-167672-1	MW 5D 031920	Total/NA	Water	SM 4500 S2 F	
480-167672-2	MW 5S 031920	Total/NA	Water	SM 4500 S2 F	
480-167672-3	MW 4D 031920	Total/NA	Water	SM 4500 S2 F	
480-167672-4	MW 4S 031920	Total/NA	Water	SM 4500 S2 F	
MB 480-522676/27	Method Blank	Total/NA	Water	SM 4500 S2 F	
LCS 480-522676/28	Lab Control Sample	Total/NA	Water	SM 4500 S2 F	
480-167672-1 MS	MW 5D 031920	Total/NA	Water	SM 4500 S2 F	
480-167672-1 MSD	MW 5D 031920	Total/NA	Water	SM 4500 S2 F	
480-167672-3 DU	MW 4D 031920	Total/NA	Water	SM 4500 S2 F	

Analysis Batch: 522795

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-167672-4	MW 4S 031920	Total/NA	Water	300.0	
MB 480-522795/4	Method Blank	Total/NA	Water	300.0	
LCS 480-522795/3	Lab Control Sample	Total/NA	Water	300.0	

Analysis Batch: 522844

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-167672-1	MW 5D 031920	Dissolved	Water	SM 5310C	
480-167672-2	MW 5S 031920	Dissolved	Water	SM 5310C	
480-167672-3	MW 4D 031920	Dissolved	Water	SM 5310C	
480-167672-4	MW 4S 031920	Dissolved	Water	SM 5310C	
MB 480-522844/3	Method Blank	Dissolved	Water	SM 5310C	
LCS 480-522844/4	Lab Control Sample	Dissolved	Water	SM 5310C	
480-167672-1 MS	MW 5D 031920	Dissolved	Water	SM 5310C	
480-167672-1 MSD	MW 5D 031920	Dissolved	Water	SM 5310C	

Lab Chronicle

Client: O'Brien & Gere Inc of North America
Project/Site: Forest Glen Monitoring

Job ID: 480-167672-1

Client Sample ID: MW 5D 031920

Lab Sample ID: 480-167672-1

Date Collected: 03/19/20 08:30

Matrix: Water

Date Received: 03/19/20 16:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	522544	03/23/20 12:27	AMM	TAL BUF
Total/NA	Analysis	300.0		5	522452	03/20/20 17:57	IMZ	TAL BUF
Total/NA	Analysis	310.2_ASP		5	522498	03/20/20 20:58	SRW	TAL BUF
Total/NA	Analysis	353.2		1	522491	03/20/20 17:21	CSS	TAL BUF
Total/NA	Analysis	353.2		1	522475	03/20/20 19:20	CSS	TAL BUF
Total/NA	Analysis	SM 4500 S2 F		1	522676	03/23/20 12:55	MJB	TAL BUF
Dissolved	Analysis	SM 5310C		1	522844	03/20/20 20:59	CLA	TAL BUF

Client Sample ID: MW 5S 031920

Lab Sample ID: 480-167672-2

Date Collected: 03/19/20 10:45

Matrix: Water

Date Received: 03/19/20 16:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	522544	03/23/20 12:50	AMM	TAL BUF
Total/NA	Analysis	300.0		2	522452	03/20/20 18:37	IMZ	TAL BUF
Total/NA	Analysis	310.2_ASP		5	522498	03/20/20 20:59	SRW	TAL BUF
Total/NA	Analysis	353.2		1	522491	03/20/20 17:24	CSS	TAL BUF
Total/NA	Analysis	353.2		1	522475	03/20/20 19:23	CSS	TAL BUF
Total/NA	Analysis	SM 4500 S2 F		1	522676	03/23/20 12:55	MJB	TAL BUF
Dissolved	Analysis	SM 5310C		1	522844	03/20/20 20:13	CLA	TAL BUF

Client Sample ID: MW 4D 031920

Lab Sample ID: 480-167672-3

Date Collected: 03/19/20 12:10

Matrix: Water

Date Received: 03/19/20 16:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	522544	03/23/20 13:14	AMM	TAL BUF
Total/NA	Analysis	300.0		5	522452	03/20/20 18:45	IMZ	TAL BUF
Total/NA	Analysis	310.2_ASP		5	522498	03/20/20 21:00	SRW	TAL BUF
Total/NA	Analysis	353.2		1	522491	03/20/20 17:25	CSS	TAL BUF
Total/NA	Analysis	353.2		1	522492	03/20/20 17:25	CSS	TAL BUF
Total/NA	Analysis	SM 4500 S2 F		1	522676	03/23/20 12:55	MJB	TAL BUF
Dissolved	Analysis	SM 5310C		1	522844	03/20/20 21:45	CLA	TAL BUF

Client Sample ID: MW 4S 031920

Lab Sample ID: 480-167672-4

Date Collected: 03/19/20 13:50

Matrix: Water

Date Received: 03/19/20 16:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	522544	03/23/20 13:38	AMM	TAL BUF
Total/NA	Analysis	300.0		10	522637	03/23/20 14:13	IMZ	TAL BUF
Total/NA	Analysis	300.0		20	522795	03/24/20 13:29	IMZ	TAL BUF
Total/NA	Analysis	310.2_ASP		5	522498	03/20/20 21:00	SRW	TAL BUF

Eurofins TestAmerica, Buffalo

Lab Chronicle

Client: O'Brien & Gere Inc of North America
Project/Site: Forest Glen Monitoring

Job ID: 480-167672-1

Client Sample ID: MW 4S 031920

Lab Sample ID: 480-167672-4

Date Collected: 03/19/20 13:50

Matrix: Water

Date Received: 03/19/20 16:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	353.2		1	522491	03/20/20 17:26	CSS	TAL BUF
Total/NA	Analysis	353.2		1	522475	03/20/20 19:24	CSS	TAL BUF
Total/NA	Analysis	SM 4500 S2 F		1	522676	03/23/20 12:55	MJB	TAL BUF
Dissolved	Analysis	SM 5310C		1	522844	03/20/20 22:01	CLA	TAL BUF

Client Sample ID: TRIP BLANK

Lab Sample ID: 480-167672-5

Date Collected: 03/19/20 00:00

Matrix: Water

Date Received: 03/19/20 16:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	522544	03/23/20 14:03	AMM	TAL BUF

Laboratory References:

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

Accreditation/Certification Summary

Client: O'Brien & Gere Inc of North America
Project/Site: Forest Glen Monitoring

Job ID: 480-167672-1

Laboratory: Eurofins TestAmerica, Buffalo

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

Authority	Program	Identification Number	Expiration Date
New York	NELAP	10026	04-01-20

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

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14
- 15
- 16

Method Summary

Client: O'Brien & Gere Inc of North America
Project/Site: Forest Glen Monitoring

Job ID: 480-167672-1

Method	Method Description	Protocol	Laboratory
8260C	Volatile Organic Compounds by GC/MS	SW846	TAL BUF
300.0	Anions, Ion Chromatography	MCAWW	TAL BUF
310.2_ASP	Alkalinity - Colorimetric	MCAWW	TAL BUF
353.2	Nitrate	EPA	TAL BUF
353.2	Nitrogen, Nitrite	MCAWW	TAL BUF
SM 4500 S2 F	Sulfide, Total	SM	TAL BUF
SM 5310C	Organic Carbon, Dissolved (DOC)	SM	TAL BUF
5030C	Purge and Trap	SW846	TAL BUF

Protocol References:

EPA = US Environmental Protection Agency

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

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

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

Laboratory References:

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

Sample Summary

Client: O'Brien & Gere Inc of North America
Project/Site: Forest Glen Monitoring

Job ID: 480-167672-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Asset ID
480-167672-1	MW 5D 031920	Water	03/19/20 08:30	03/19/20 16:30	
480-167672-2	MW 5S 031920	Water	03/19/20 10:45	03/19/20 16:30	
480-167672-3	MW 4D 031920	Water	03/19/20 12:10	03/19/20 16:30	
480-167672-4	MW 4S 031920	Water	03/19/20 13:50	03/19/20 16:30	
480-167672-5	TRIP BLANK	Water	03/19/20 00:00	03/19/20 16:30	

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14
- 15
- 16

Quantitation Limit Exceptions Summary

Client: O'Brien & Gere Inc of North America
Project/Site: Forest Glen Monitoring

Job ID: 480-167672-1

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

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14
- 15
- 16

Chain of Custody Record

Client Information		Sampler: <i>Martin Koehnke</i>		Lab PM: Schove, John R		COC No: 480-143740-27221_3	
Client Contact: Mr. Yuri Veliz		Phone: 315-429-1300		E-Mail: john.schove@testamericainc.com		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)		PO #: 91902546		WO #:		Project #: 48002808	
Email: Yuri.Veliz@obg.com		Project Name: Forest Glen Monitoring		Site:		Special Instructions/Note:	
Due Date Requested:		TAT Requested (days):		Field Filtered Sample (Yes or No)		Analysis Requested	
						8260C - TCL list OLMd 2 300_0_280 - Cl, SO4 353_2_353_2_Nitrite, Nitrate, Calc SM5310_DOC_C - Dissolved Organic Carbon 310_2 - Alkalinity SM4500_S2_D - Total Sulfide 8260C - TCL Volatiles	
Sample Identification		Sample Date		Sample Time		Sample Type (C=Comp, G=grab)	
MW 5D 031920		3-19-20		8:30		G Water	
MW 5 DMS 031920		3-19-20		8:30		G Water	
MW 5D MSD 031920		3-19-20		8:30		G W	
MW 5S 031920		3-19-20		10:45		G W	
MW 4D 031920		3-19-20		12:10		G W	
MW 4S 031920		3-19-20		13:50		G W	
OCTRIP						W	
Possible Hazard Identification		<input type="checkbox"/> Non-Hazard		<input type="checkbox"/> Flammable		<input type="checkbox"/> Skin Irritant	
Deliverable Requested: I, II, III, IV, Other (specify)		<input type="checkbox"/> Poison B		<input type="checkbox"/> Unknown		<input type="checkbox"/> Radiological	
Empty Kit Relinquished by:		Date:		Time:		Method of Shipment:	
Relinquished by: <i>Martin Koehnke</i>		Date/Time: 3-19-20 / 16:30		Company: OBG		Received by: <i>John Schove</i>	
Relinquished by:		Date/Time:		Company:		Received by:	
Relinquished by:		Date/Time:		Company:		Received by:	
Custody Seals Intact: A Yes A No		Custody Seal No.:		Cooler Temperature(s) °C and Other Remarks: #1 2.8		Special Instructions/QC Requirements:	
						Sample Disposal (A fee may be assessed if samples are retained longer than 1 month) <input type="checkbox"/> Return To Client <input type="checkbox"/> Disposal By Lab <input type="checkbox"/> Archive For Months	



- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14
- 15
- 16

Login Sample Receipt Checklist

Client: O'Brien & Gere Inc of North America

Job Number: 480-167672-1

Login Number: 167672

List Source: Eurofins TestAmerica, Buffalo

List Number: 1

Creator: Wallace, Cameron

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	OBG
Samples received within 48 hours of sampling.	True	
Samples requiring field filtration have been filtered in the field.	True	
Chlorine Residual checked.	N/A	



Pace Analytical Energy Services LLC
220 William Pitt Way
Pittsburgh, PA 15238
Phone: (412) 826-5245
Fax: (412) 826-3433

March 31, 2020

David Carnevale
O'Brien & Gere
333 W Washington St
Syracuse, NY 13202

RE: **FOREST GLEN MONITORING**

Pace Workorder: 33291

Dear David Carnevale:

Enclosed are the analytical results for sample(s) received by the laboratory on Thursday, March 19, 2020. Results reported herein conform to the most current NELAC standards, where applicable, unless otherwise narrated in the body of the report.

If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Ruth Welsh 03/31/2020
Ruth.Welsh@pacelabs.com

Customer Service Representative

Enclosures

As a valued client we would appreciate your comments on our service.
Please email PAESfeedback@pacelabs.com.

Total Number of Pages 27



CERTIFICATE OF ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Energy Services LLC.



LABORATORY ACCREDITATIONS & CERTIFICATIONS

Accreditor:	Pennsylvania Department of Environmental Protection, Bureau of Laboratories
Accreditation ID:	02-00538
Scope:	NELAP Non-Potable Water
Accreditor:	West Virginia Department of Environmental Protection, Division of Water and Waste Management
Accreditation ID:	395
Scope:	Non-Potable Water
Accreditor:	South Carolina Department of Health and Environmental Control, Office of Environmental Laboratory Certification
Accreditation ID:	89009003
Scope:	Clean Water Act (CWA); Resource Conservation and Recovery Act (RCRA)
Accreditor:	State of Virginia
Accreditation ID:	460201
Scope:	Non-Potable Water
Accreditor:	NELAP: New Jersey, Department of Environmental Protection
Accreditation ID:	PA026
Scope:	Non-Potable Water
Accreditor:	NELAP: New York, Department of Health Wadsworth Center
Accreditation ID:	11815
Scope:	Non-Potable Water
Accreditor:	State of Connecticut, Department of Public Health, Division of Environmental Health
Accreditation ID:	PH-0263
Scope:	Clean Water Act (CWA) Resource Conservation and Recovery Act (RCRA)
Accreditor:	NELAP: Texas, Commission on Environmental Quality
Accreditation ID:	T104704453-09-TX
Scope:	Non-Potable Water
Accreditor:	State of New Hampshire
Accreditation ID:	299409
Scope:	Non-potable water
Accreditor:	State of Georgia
Accreditation ID:	Chapter 391-3-26
Scope:	As per the Georgia EPD Rules and Regulations for Commercial Laboratories, PAES is accredited by the Pennsylvania Department of Environmental Protection Bureau of Laboratories under the National Environmental Laboratory Approval Program (NELAC).



CERTIFICATE OF ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Energy Services LLC.



SAMPLE SUMMARY

Workorder: 33291 FOREST GLEN MONITORING

Lab ID	Sample ID	Matrix	Date Collected	Date Received
332910001	MW1S031720	Water	3/17/2020 10:05	3/19/2020 10:15
332910002	MW1D031720	Water	3/17/2020 10:15	3/19/2020 10:15
332910003	MW10D031720	Water	3/17/2020 13:05	3/19/2020 10:15
332910004	MW6S031720	Water	3/17/2020 13:22	3/19/2020 10:15
332910005	MW6D031720	Water	3/17/2020 14:10	3/19/2020 10:15
332910006	MW10S031720	Water	3/17/2020 14:35	3/19/2020 10:15
332910007	MW6DD031720	Water	3/17/2020 15:25	3/19/2020 10:15
332910008	X-1031720	Water	3/17/2020 00:00	3/19/2020 10:15
332910009	MW8D031820	Water	3/18/2020 10:05	3/19/2020 10:15
332910010	MW8DD031820	Water	3/18/2020 10:10	3/19/2020 10:15
332910011	MW8S031820	Water	3/18/2020 11:50	3/19/2020 10:15
332910012	MW7DD031820	Water	3/18/2020 12:45	3/19/2020 10:15
332910013	MW7S031820	Water	3/18/2020 14:40	3/19/2020 10:15
332910014	MW7D031820	Water	3/18/2020 14:50	3/19/2020 10:15
332910015	QC TRIP BLANK	Water	3/17/2020 00:00	3/19/2020 10:15
332910016	QC TRIP BLANK	Water	3/18/2020 00:00	3/19/2020 10:15



CERTIFICATE OF ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Energy Services LLC.



Pace Analytical Energy Services LLC
220 William Pitt Way
Pittsburgh, PA 15238
Phone: (412) 826-5245
Fax: (412) 826-3433

PROJECT SUMMARY

Workorder: 33291 FOREST GLEN MONITORING

Batch Comments

Batch: DISG/8178 - RSK175 QC

The relative percent difference between the sample and sample duplicate exceeded laboratory control limits; reference sample 333070005. Analyte Ethene. Results for original and duplicate samples were below reporting limits.



CERTIFICATE OF ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Energy Services LLC.



ANALYTICAL RESULTS

Workorder: 33291 FOREST GLEN MONITORING

Lab ID: **332910001** Date Received: 3/19/2020 10:15 Matrix: Water
 Sample ID: **MW1S031720** Date Collected: 3/17/2020 10:05

Parameters	Results	Units	PQL	MDL	DF	Analyzed	By	Qualifiers
------------	---------	-------	-----	-----	----	----------	----	------------

RISK - PAES

Analysis Desc: EPA RSK175		Analytical Method: EPA RSK175						
Methane	2.3	ug/l	0.50	0.025	1	3/25/2020 09:13	AK	B
Ethane	0.0060U	ug/l	0.20	0.0060	1	3/25/2020 09:13	AK	
Ethene	0.020U	ug/l	0.20	0.020	1	3/25/2020 09:13	AK	D1



CERTIFICATE OF ANALYSIS

This report shall not be reproduced, except in full,
 without the written consent of Pace Analytical Energy Services LLC.



ANALYTICAL RESULTS

Workorder: 33291 FOREST GLEN MONITORING

Lab ID: **332910002** Date Received: 3/19/2020 10:15 Matrix: Water
 Sample ID: **MW1D031720** Date Collected: 3/17/2020 10:15

Parameters	Results	Units	PQL	MDL	DF	Analyzed	By	Qualifiers
------------	---------	-------	-----	-----	----	----------	----	------------

RISK - PAES

Analysis Desc: EPA RSK175		Analytical Method: EPA RSK175						
Methane	35	ug/l	0.50	0.025	1	3/25/2020 09:24	AK	B
Ethane	0.057J	ug/l	0.20	0.0060	1	3/25/2020 09:24	AK	
Ethene	0.020U	ug/l	0.20	0.020	1	3/25/2020 09:24	AK	D1



CERTIFICATE OF ANALYSIS

This report shall not be reproduced, except in full,
 without the written consent of Pace Analytical Energy Services LLC.



ANALYTICAL RESULTS

Workorder: 33291 FOREST GLEN MONITORING

Lab ID: **332910003** Date Received: 3/19/2020 10:15 Matrix: Water
 Sample ID: **MW10D031720** Date Collected: 3/17/2020 13:05

Parameters	Results	Units	PQL	MDL	DF	Analyzed	By	Qualifiers
------------	---------	-------	-----	-----	----	----------	----	------------

RISK - PAES

Analysis Desc: EPA RSK175		Analytical Method: EPA RSK175						
Methane	50	ug/l	0.50	0.025	1	3/25/2020 09:34	AK	B
Ethane	0.061J	ug/l	0.20	0.0060	1	3/25/2020 09:34	AK	
Ethene	0.020U	ug/l	0.20	0.020	1	3/25/2020 09:34	AK	D1



CERTIFICATE OF ANALYSIS

This report shall not be reproduced, except in full,
 without the written consent of Pace Analytical Energy Services LLC.



ANALYTICAL RESULTS

Workorder: 33291 FOREST GLEN MONITORING

Lab ID: **332910004** Date Received: 3/19/2020 10:15 Matrix: Water
 Sample ID: **MW6S031720** Date Collected: 3/17/2020 13:22

Parameters	Results	Units	PQL	MDL	DF	Analyzed	By	Qualifiers
------------	---------	-------	-----	-----	----	----------	----	------------

RISK - PAES

Analysis Desc: EPA RSK175		Analytical Method: EPA RSK175						
Methane	230	ug/l	0.50	0.025	1	3/25/2020 09:44	AK	B
Ethane	0.53	ug/l	0.20	0.0060	1	3/25/2020 09:44	AK	
Ethene	5.0	ug/l	0.20	0.020	1	3/25/2020 09:44	AK	D1



CERTIFICATE OF ANALYSIS

This report shall not be reproduced, except in full,
 without the written consent of Pace Analytical Energy Services LLC.



ANALYTICAL RESULTS

Workorder: 33291 FOREST GLEN MONITORING

Lab ID: **332910005** Date Received: 3/19/2020 10:15 Matrix: Water
 Sample ID: **MW6D031720** Date Collected: 3/17/2020 14:10

Parameters	Results	Units	PQL	MDL	DF	Analyzed	By	Qualifiers
------------	---------	-------	-----	-----	----	----------	----	------------

RISK - PAES

Analysis Desc: EPA RSK175		Analytical Method: EPA RSK175						
Methane	210	ug/l	0.50	0.025	1	3/25/2020 09:55	AK	B
Ethane	0.13J	ug/l	0.20	0.0060	1	3/25/2020 09:55	AK	
Ethene	0.020U	ug/l	0.20	0.020	1	3/25/2020 09:55	AK	D1



CERTIFICATE OF ANALYSIS

This report shall not be reproduced, except in full,
 without the written consent of Pace Analytical Energy Services LLC.



ANALYTICAL RESULTS

Workorder: 33291 FOREST GLEN MONITORING

Lab ID: **332910006** Date Received: 3/19/2020 10:15 Matrix: Water
 Sample ID: **MW10S031720** Date Collected: 3/17/2020 14:35

Parameters	Results	Units	PQL	MDL	DF	Analyzed	By	Qualifiers
------------	---------	-------	-----	-----	----	----------	----	------------

RISK - PAES

Analysis Desc: EPA RSK175		Analytical Method: EPA RSK175						
Methane	59	ug/l	0.50	0.025	1	3/25/2020 10:05	AK	B
Ethane	0.073J	ug/l	0.20	0.0060	1	3/25/2020 10:05	AK	
Ethene	0.023J	ug/l	0.20	0.020	1	3/25/2020 10:05	AK	D1



CERTIFICATE OF ANALYSIS

This report shall not be reproduced, except in full,
 without the written consent of Pace Analytical Energy Services LLC.



ANALYTICAL RESULTS

Workorder: 33291 FOREST GLEN MONITORING

Lab ID: **332910007** Date Received: 3/19/2020 10:15 Matrix: Water
 Sample ID: **MW6DD031720** Date Collected: 3/17/2020 15:25

Parameters	Results	Units	PQL	MDL	DF	Analyzed	By	Qualifiers
------------	---------	-------	-----	-----	----	----------	----	------------

RISK - PAES

Analysis Desc: EPA RSK175		Analytical Method: EPA RSK175						
Methane	16	ug/l	0.50	0.025	1	3/25/2020 10:17	AK	B
Ethane	0.12J	ug/l	0.20	0.0060	1	3/25/2020 10:17	AK	
Ethene	0.057J	ug/l	0.20	0.020	1	3/25/2020 10:17	AK	D1



CERTIFICATE OF ANALYSIS

This report shall not be reproduced, except in full,
 without the written consent of Pace Analytical Energy Services LLC.



ANALYTICAL RESULTS

Workorder: 33291 FOREST GLEN MONITORING

Lab ID: **332910008** Date Received: 3/19/2020 10:15 Matrix: Water
 Sample ID: **X-1031720** Date Collected: 3/17/2020 00:00

Parameters	Results	Units	PQL	MDL	DF	Analyzed	By	Qualifiers
------------	---------	-------	-----	-----	----	----------	----	------------

RISK - PAES

Analysis Desc: EPA RSK175		Analytical Method: EPA RSK175						
Methane	49	ug/l	0.50	0.025	1	3/25/2020 10:27	AK	B
Ethane	0.060J	ug/l	0.20	0.0060	1	3/25/2020 10:27	AK	
Ethene	0.020U	ug/l	0.20	0.020	1	3/25/2020 10:27	AK	D1



CERTIFICATE OF ANALYSIS

This report shall not be reproduced, except in full,
 without the written consent of Pace Analytical Energy Services LLC.



ANALYTICAL RESULTS

Workorder: 33291 FOREST GLEN MONITORING

Lab ID: **332910009** Date Received: 3/19/2020 10:15 Matrix: Water
 Sample ID: **MW8D031820** Date Collected: 3/18/2020 10:05

Parameters	Results	Units	PQL	MDL	DF	Analyzed	By	Qualifiers
------------	---------	-------	-----	-----	----	----------	----	------------

RISK - PAES

Analysis Desc: EPA RSK175		Analytical Method: EPA RSK175						
Methane	270	ug/l	0.50	0.025	1	3/25/2020 13:30	AK	B
Ethane	0.14J	ug/l	0.20	0.0060	1	3/25/2020 13:30	AK	
Ethene	0.020U	ug/l	0.20	0.020	1	3/25/2020 13:30	AK	D1



CERTIFICATE OF ANALYSIS

This report shall not be reproduced, except in full,
 without the written consent of Pace Analytical Energy Services LLC.



ANALYTICAL RESULTS

Workorder: 33291 FOREST GLEN MONITORING

Lab ID: **332910010** Date Received: 3/19/2020 10:15 Matrix: Water
 Sample ID: **MW8DD031820** Date Collected: 3/18/2020 10:10

Parameters	Results	Units	PQL	MDL	DF	Analyzed	By	Qualifiers
------------	---------	-------	-----	-----	----	----------	----	------------

RISK - PAES

Analysis Desc: EPA RSK175		Analytical Method: EPA RSK175						
Methane	93	ug/l	0.50	0.025	1	3/25/2020 13:41	AK	B
Ethane	0.081J	ug/l	0.20	0.0060	1	3/25/2020 13:41	AK	
Ethene	0.020U	ug/l	0.20	0.020	1	3/25/2020 13:41	AK	D1



CERTIFICATE OF ANALYSIS

This report shall not be reproduced, except in full,
 without the written consent of Pace Analytical Energy Services LLC.



ANALYTICAL RESULTS

Workorder: 33291 FOREST GLEN MONITORING

Lab ID: **332910011** Date Received: 3/19/2020 10:15 Matrix: Water
 Sample ID: **MW8S031820** Date Collected: 3/18/2020 11:50

Parameters	Results	Units	PQL	MDL	DF	Analyzed	By	Qualifiers
------------	---------	-------	-----	-----	----	----------	----	------------

RISK - PAES

Analysis Desc: EPA RSK175		Analytical Method: EPA RSK175						
Methane	1.4	ug/l	0.50	0.025	1	3/27/2020 08:45	AK	B
Ethane	0.0060U	ug/l	0.20	0.0060	1	3/27/2020 08:45	AK	
Ethene	0.020U	ug/l	0.20	0.020	1	3/27/2020 08:45	AK	D1



CERTIFICATE OF ANALYSIS

This report shall not be reproduced, except in full,
 without the written consent of Pace Analytical Energy Services LLC.



ANALYTICAL RESULTS

Workorder: 33291 FOREST GLEN MONITORING

Lab ID: **332910012** Date Received: 3/19/2020 10:15 Matrix: Water
 Sample ID: **MW7DD031820** Date Collected: 3/18/2020 12:45

Parameters	Results	Units	PQL	MDL	DF	Analyzed	By	Qualifiers
------------	---------	-------	-----	-----	----	----------	----	------------

RISK - PAES

Analysis Desc: EPA RSK175		Analytical Method: EPA RSK175						
Methane	6.2	ug/l	0.50	0.025	1	3/27/2020 08:55	AK	B
Ethane	0.032J	ug/l	0.20	0.0060	1	3/27/2020 08:55	AK	
Ethene	0.020U	ug/l	0.20	0.020	1	3/27/2020 08:55	AK	D1



CERTIFICATE OF ANALYSIS

This report shall not be reproduced, except in full,
 without the written consent of Pace Analytical Energy Services LLC.



ANALYTICAL RESULTS

Workorder: 33291 FOREST GLEN MONITORING

Lab ID: **332910013** Date Received: 3/19/2020 10:15 Matrix: Water
 Sample ID: **MW7S031820** Date Collected: 3/18/2020 14:40

Parameters	Results	Units	PQL	MDL	DF	Analyzed	By	Qualifiers
------------	---------	-------	-----	-----	----	----------	----	------------

RISK - PAES

Analysis Desc: EPA RSK175		Analytical Method: EPA RSK175						
Methane	4.3	ug/l	0.50	0.025	1	3/27/2020 09:06	AK	B
Ethane	0.0060U	ug/l	0.20	0.0060	1	3/27/2020 09:06	AK	
Ethene	0.020U	ug/l	0.20	0.020	1	3/27/2020 09:06	AK	D1



CERTIFICATE OF ANALYSIS

This report shall not be reproduced, except in full,
 without the written consent of Pace Analytical Energy Services LLC.



ANALYTICAL RESULTS

Workorder: 33291 FOREST GLEN MONITORING

Lab ID: **332910014** Date Received: 3/19/2020 10:15 Matrix: Water
 Sample ID: **MW7D031820** Date Collected: 3/18/2020 14:50

Parameters	Results	Units	PQL	MDL	DF	Analyzed	By	Qualifiers
------------	---------	-------	-----	-----	----	----------	----	------------

RISK - PAES

Analysis Desc: EPA RSK175		Analytical Method: EPA RSK175						
Methane	0.23J	ug/l	0.50	0.025	1	3/27/2020 09:16	AK	B
Ethane	0.0060U	ug/l	0.20	0.0060	1	3/27/2020 09:16	AK	
Ethene	0.020U	ug/l	0.20	0.020	1	3/27/2020 09:16	AK	D1



CERTIFICATE OF ANALYSIS

This report shall not be reproduced, except in full,
 without the written consent of Pace Analytical Energy Services LLC.



ANALYTICAL RESULTS

Workorder: 33291 FOREST GLEN MONITORING

Lab ID: **332910015** Date Received: 3/19/2020 10:15 Matrix: Water
 Sample ID: **QC TRIP BLANK** Date Collected: 3/17/2020 00:00

Parameters	Results	Units	PQL	MDL	DF	Analyzed	By	Qualifiers
------------	---------	-------	-----	-----	----	----------	----	------------

RISK - PAES

Analysis Desc: EPA RSK175		Analytical Method: EPA RSK175						
Methane	0.053J	ug/l	0.50	0.025	1	3/27/2020 09:27	AK	B
Ethane	0.0060U	ug/l	0.20	0.0060	1	3/27/2020 09:27	AK	
Ethene	0.020U	ug/l	0.20	0.020	1	3/27/2020 09:27	AK	D1



CERTIFICATE OF ANALYSIS

This report shall not be reproduced, except in full,
 without the written consent of Pace Analytical Energy Services LLC.



ANALYTICAL RESULTS

Workorder: 33291 FOREST GLEN MONITORING

Lab ID: **332910016** Date Received: 3/19/2020 10:15 Matrix: Water
 Sample ID: **QC TRIP BLANK** Date Collected: 3/18/2020 00:00

Parameters	Results	Units	PQL	MDL	DF	Analyzed	By	Qualifiers
------------	---------	-------	-----	-----	----	----------	----	------------

RISK - PAES

Analysis Desc: EPA RSK175		Analytical Method: EPA RSK175						
Methane	0.075J	ug/l	0.50	0.025	1	3/27/2020 09:37	AK	B
Ethane	0.0060U	ug/l	0.20	0.0060	1	3/27/2020 09:37	AK	
Ethene	0.020U	ug/l	0.20	0.020	1	3/27/2020 09:37	AK	D1



CERTIFICATE OF ANALYSIS

This report shall not be reproduced, except in full,
 without the written consent of Pace Analytical Energy Services LLC.



ANALYTICAL RESULTS QUALIFIERS

Workorder: 33291 FOREST GLEN MONITORING

DEFINITIONS/QUALIFIERS

- MDL Method Detection Limit. Can be used synonymously with LOD; Limit Of Detection.
- PQL Practical Quantitation Limit. Can be used synonymously with LOQ; Limit Of Quantitation.
- ND Not detected at or above reporting limit.
- DF Dilution Factor.
- S Surrogate.
- RPD Relative Percent Difference.
- % Rec Percent Recovery.
- U Indicates the compound was analyzed for, but not detected at or above the noted concentration.
- J Estimated concentration greater than the set method detection limit (MDL) and less than the set reporting limit (PQL).
-
- B The analyte was detected in the associated blank.
- D1 The duplicate relative percent difference (RPD) exceeded laboratory control limits.



CERTIFICATE OF ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Energy Services LLC.



QUALITY CONTROL DATA

Workorder: 33291 FOREST GLEN MONITORING

QC Batch: DISG/8173 Analysis Method: EPA RSK175

QC Batch Method: EPA RSK175

Associated Lab Samples: 332910001, 332910002, 332910003, 332910004, 332910005, 332910006, 332910007, 332910008, 332910009, 332910010

METHOD BLANK: 66503

Parameter	Units	Blank Result	Reporting Limit Qualifiers
RISK			
Methane	ug/l	0.034J	0.025 B
Ethane	ug/l	0.0060U	0.0060
Ethene	ug/l	0.020U	0.020 D1

LABORATORY CONTROL SAMPLE & LCSD: 66504 66505

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limit	RPD	Max RPD	Qualifiers
Methane	ug/l	44	48	48	108	108	85-115	0.31	20	B
Ethane	ug/l	83	84	84	101	101	85-115	0.15	20	
Ethene	ug/l	78	82	82	106	105	85-115	0.9	20	D1

SAMPLE DUPLICATE: 66506 Original: 333000007

Parameter	Units	Original Result	DUP Result	RPD	Max RPD	Qualifiers
RISK						
Methane	ug/l	2100	1900	7.5	20	d,B

SAMPLE DUPLICATE: 66509 Original: 333000008

Parameter	Units	Original Result	DUP Result	RPD	Max RPD	Qualifiers
RISK						
Methane	ug/l	240	240	1	20	B
Ethane	ug/l	.43	.42	0.85	20	
Ethene	ug/l	.018	.012	35	20	D1



CERTIFICATE OF ANALYSIS

This report shall not be reproduced, except in full, without the written consent of Pace Analytical Energy Services LLC.



QUALITY CONTROL DATA

Workorder: 33291 FOREST GLEN MONITORING

QC Batch: DISG/8178 Analysis Method: EPA RSK175
 QC Batch Method: EPA RSK175
 Associated Lab Samples: 332910011, 332910012, 332910013, 332910014, 332910015, 332910016

METHOD BLANK: 66539

Parameter	Units	Blank Result	Reporting Limit	Qualifiers
RISK				
Methane	ug/l	0.037J	0.025	B
Ethane	ug/l	0.0060U	0.0060	
Ethene	ug/l	0.020U	0.020	D1

LABORATORY CONTROL SAMPLE & LCSD: 66540 66541

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limit	RPD	Max RPD	Qualifiers
Methane	ug/l	44	48	48	108	108	85-115	0.054	20	B
Ethane	ug/l	83	84	84	102	102	85-115	0.076	20	
Ethene	ug/l	78	82	82	105	106	85-115	0.42	20	D1

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 66542 66543 Original: 333070001

Parameter	Units	Original Result	Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limit	RPD	Max RPD	Qualifiers
RISK											
Methane	ug/l	63	44	110	110	97	105	70-130	3.2	20	B
Ethane	ug/l	0.06	83	82	81	98	97	70-130	1	20	
Ethene	ug/l	0.01	78	79	77	102	100	70-130	2	20	D1

SAMPLE DUPLICATE: 66555 Original: 333070005

Parameter	Units	Original Result	DUP Result	RPD	Max RPD	Qualifiers
RISK						
Methane	ug/l	28	27	4.7	20	B
Ethane	ug/l	.11	.1	5.9	20	
Ethene	ug/l	.071	.018	119	20	D1



CERTIFICATE OF ANALYSIS

This report shall not be reproduced, except in full, without the written consent of Pace Analytical Energy Services LLC.



QUALITY CONTROL DATA QUALIFIERS

Workorder: 33291 FOREST GLEN MONITORING

QUALITY CONTROL PARAMETER QUALIFIERS

- B The analyte was detected in the associated blank.
- D1 The duplicate relative percent difference (RPD) exceeded laboratory control limits.
- d The analyte concentration was determined from a dilution.



CERTIFICATE OF ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Energy Services LLC.



QUALITY CONTROL DATA CROSS REFERENCE TABLE

Workorder: 33291 FOREST GLEN MONITORING

Lab ID	Sample ID	Prep Method	Prep Batch	Analysis Method	Analysis Batch
332910001	MW1S031720			EPA RSK175	DISG/8173
332910002	MW1D031720			EPA RSK175	DISG/8173
332910003	MW10D031720			EPA RSK175	DISG/8173
332910004	MW6S031720			EPA RSK175	DISG/8173
332910005	MW6D031720			EPA RSK175	DISG/8173
332910006	MW10S031720			EPA RSK175	DISG/8173
332910007	MW6DD031720			EPA RSK175	DISG/8173
332910008	X-1031720			EPA RSK175	DISG/8173
332910009	MW8D031820			EPA RSK175	DISG/8173
332910010	MW8DD031820			EPA RSK175	DISG/8173
332910011	MW8S031820			EPA RSK175	DISG/8178
332910012	MW7DD031820			EPA RSK175	DISG/8178
332910013	MW7S031820			EPA RSK175	DISG/8178
332910014	MW7D031820			EPA RSK175	DISG/8178
332910015	QC TRIP BLANK			EPA RSK175	DISG/8178
332910016	QC TRIP BLANK			EPA RSK175	DISG/8178



CERTIFICATE OF ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Energy Services LLC.

CHAIN-OF-CUSTODY Analytical Request Document

Chain-of-Custody is a LEGAL DOCUMENT - Complete all relevant fields

Billing Information:

Company: O'Brien & Gere / Rambo
 Address: 333 W. Washington St. P.O. Box 488
 Report To: Mr. Yuri Kvitze
 Copy To:

Email To: yuri.kvitze@obg.com
 Site Collection Info/Address:

Customer Project Name/Number: Forest Glen Monitoring
 State: / County/City: Time Zone Collected: [] PT [] MT [] CT [] ET

Phone: Site/Facility ID #: Compliance Monitoring? [] Yes [] No

Collected By (print): MacTinkewich Purchase Order #: DW PWS ID #: DW Location Code:

Collected By (Signature): Turnaround Date Required: Immediately Packed on Ice: [X] Yes [] No

Sample Disposal: Rush: [] Same Day [] Next Day [] 2 Day [] 3 Day [] 4 Day [] 5 Day
 [] Dispose as appropriate [] Return [] Archive: Expedite Charges Apply Analysis: _____

* Matrix Codes (insert in Matrix box below): Drinking Water (DW), Ground Water (GW), Wastewater (WW), Product (P), Soil/Solid (SL), Oil (OL), Wipe (WP), Air (AR), Tissue (TS), Bioassay (B), Vapor (V), Other (OT)

Customer Sample ID	Matrix *	Comp / Grab	Collected (or Composite Start)		Composite End		Res Cl	# of Ctrms
			Date	Time	Date	Time		
1 MW15031720	GW	Grab	3/17/20	10:05				3
2 MW110031720	GW	Grab	3/17/20	10:15				3
3 MW100031720	GW	Grab	3/17/20	13:05				3
4 MW65031720	GW	Grab	3/17/20	13:22				3
5 MW6031720	GW	Grab	3/17/20	14:10				3
6 MW100031720	GW	Grab	3/17/20	14:35				3
7 MW600031720	GW	Grab	3/17/20	15:25				3
8 X-1031720	GW	Grab	3/17/20	—				3
9 MW800031720	GW	Grab	3/17/20	10:05				3
10 MW800031720	GW	Grab	3/17/20	10:10				3

LAB USE ONLY - Affix Workorder/Login Label Here or List Pace Workorder Number or MTRL Log-in Number Here 332291 DM 3/19/2020

ALL SHADED AREAS are for LAB USE ONLY

Container Preservative Type **

Analyses

Lab Profile/Line: MEE (RSK 175)

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: Y N NA
- Sample pH Acceptable: Y N NA
- pH Strips: Y N NA
- Sulfide Present: Y N NA
- Lead Acetate Strips: Y N NA

LAB USE ONLY: Lab Sample # / Comments:

Customer Remarks / Special Conditions / Possible Hazards: SHORT HOLDS PRESENT (<72 hours): Y N NA

Type of Ice Used: Wet Blue Dry None

Packing Material Used: Lab Tracking #: 39121918952325036

Raddchem sample(s) screened (<5000 ppm): Y N NA

FEDEX UPS Client Courier Pace Courier

Date/Time: 3-18-20/10:10 Received by/Company: (Signature) FCDSX

Date/Time: 3.19.2020 10:15 Received by/Company: (Signature) DM

Temp Blank Received: Y N NA
 Therm ID#: 0-10C
 Cooler 1 Temp Upon Receipt: 0C
 Cooler 1 Therm Corr. Factor: 0C
 Cooler 1 Corrected Temp: 0C

Comments: Temp Blank Received: Y N NA Therm ID#: 0-10C Cooler 1 Temp Upon Receipt: 0C Cooler 1 Therm Corr. Factor: 0C Cooler 1 Corrected Temp: 0C

Table #: MTL LAB USE ONLY

Actutum: Y N NA
 Template: Y N NA
 Prelogin: Y N NA
 PM: Y N NA
 PB: Y N NA

Non Conformance(s): YES / NO Page: 2 of: 2



CHAIN-OF-CUSTODY Analytical Request Document

Chain-of-Custody is a LEGAL DOCUMENT - Complete all relevant fields

Company: Pace Analytical

Billing Information:

Address: 0: Brendt Grove / Rainball

Report To: Mrs. Yuri Veltz

Copy To: Mrs. Yuri Veltz

Site Collection Info/Address: Yuri.Veltz@pacelab.com

Customer Project Name/Number: Forest Glen Monitoring

State: / County/City: _____ Time Zone Collected: [] PT [] MT [] CT [] ET

Phone: _____

Site/Facility ID #: _____

Email: _____

Compliance Monitoring? [] Yes [] No

Collected By (print): Michele Kowalski

Purchase Order #: _____

Quote #: _____

DW PWS ID #: _____

Collected By (signature): Michele Kowalski

DW Location Code: _____

Turnaround Date Required: _____

Immediately Packed on Ice: [X] Yes [] No

Sample Disposal: _____

Field Filtered (if applicable): [] Yes [X] No

[] Dispose as appropriate [] Return

Analysis: _____

[] Archive: _____

Expediting Charges Apply: _____

[] Hold: _____

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		
11 MW85031820	GW	GW	3/18/20	11:50				3 X
12 MW7DD031820	GW	GW	3/18/20	12:45				3 X
13 MW7S031820	GW	GW	3/18/20	14:40				3 X
14 MW7D031820	GW	GW	3/18/20	14:50				3 X
15 QCTP40 Blank								4 X

Customer Remarks / Special Conditions / Possible Hazards:

Type of Ice Used:	Wet	Blue	Dry	None
Packing Material Used:				
Radchem sample(s) screened (<500 cpm):	Y	N	NA	

LAB USE ONLY - Affix Workorder/Login Label Here or List Pace Workorder Number or

MTIL Log-In Number Here

33291

SW 3/19/2020

ALL SHADED AREAS are for LAB USE ONLY

Container Preservative Type **

Lab Project Manager:

** Preservative Types: (1) nitric acid, (2) sulfuric acid, (3) hydrochloric acid, (4) sodium hydroxide, (5) zinc acetate, (6) methanol, (7) sodium bisulfate, (8) sodium thiosulfate, (9) hexane, (A) ascorbic acid, (B) ammonium sulfate, (C) ammonium hydroxide, (D) TSP, (U) Unpreserved, (O) Other

Analyses

Lab Profile/Line:

Lab Sample Receipt Checklist:

Custody Seals Present/Intact: [X] Y [] N [] NA

Custody Signatures Present: [X] Y [] N [] NA

Collector Signature Present: [X] Y [] N [] NA

Bottles Intact: [X] Y [] N [] NA

Correct Bottles: [X] Y [] N [] NA

Sufficient Volume: [X] Y [] N [] NA

Samples Received on Ice: [X] Y [] N [] NA

VOA - Headspace Acceptable: [X] Y [] N [] NA

USDA Regulated Soils: [X] Y [] N [] NA

Samples in Holding Time: [X] Y [] N [] NA

Residual Chlorine Present: [X] Y [] N [] NA

Cl Strips: [X] Y [] N [] NA

Sample pH Acceptable: [X] Y [] N [] NA

pH Strips: [X] Y [] N [] NA

Sulfide Present: [X] Y [] N [] NA

Lead Acetate Strips: [X] Y [] N [] NA

LAB USE ONLY: _____

Lab Sample # / Comments: _____

SHORT HOLDS PRESENT (<72 hours):	Y	N	N/A
Lab Tracking #:			
3912191823850373			
Samples received via:			
FEDEX UPS Client Courier			
Date/Time:			
Received by/Company: (Signature)			
Received by/Company: (Signature)			
Received by/Company: (Signature)			
Received by/Company: (Signature)			
Table #:			
MTIL LAB USE ONLY			
Accutum:			
Template:			
Prelogin:			
PM:			
PB:			
Temp Sample Temperature Info:			
Temp Blank Received:	<u>[X] Y</u>	<u>[] N</u>	<u>[] NA</u>
Therm ID#:			
Cooler 1 Temp Upon Receipt:	<u>[X] Y</u>	<u>[] N</u>	<u>[] NA</u>
Cooler 1 Therm Corr. Factor:			
Cooler 1 Corrected Temp:			
Comments:			
Trip Blank Received:	<u>[X] Y</u>	<u>[] N</u>	<u>[] NA</u>
HCL MeOH TSP Other			
Non Conformance(s):			
YES / NO			
Page: <u>2</u>			
of: <u>2</u>			



March 31, 2020

David Carnevale
O'Brien & Gere
333 W Washington St
Syracuse, NY 13202

RE: **FOREST GLEN MONITORING**

Pace Workorder: 33307

Dear David Carnevale:

Enclosed are the analytical results for sample(s) received by the laboratory on Friday, March 20, 2020. Results reported herein conform to the most current NELAC standards, where applicable, unless otherwise narrated in the body of the report.

If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Ruth Welsh 03/31/2020
Ruth.Welsh@pacelabs.com

Customer Service Representative

Enclosures

As a valued client we would appreciate your comments on our service.
Please email PAESfeedback@pacelabs.com.

Total Number of Pages 15



CERTIFICATE OF ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Energy Services LLC.



LABORATORY ACCREDITATIONS & CERTIFICATIONS

Accreditor:	Pennsylvania Department of Environmental Protection, Bureau of Laboratories
Accreditation ID:	02-00538
Scope:	NELAP Non-Potable Water
Accreditor:	West Virginia Department of Environmental Protection, Division of Water and Waste Management
Accreditation ID:	395
Scope:	Non-Potable Water
Accreditor:	South Carolina Department of Health and Environmental Control, Office of Environmental Laboratory Certification
Accreditation ID:	89009003
Scope:	Clean Water Act (CWA); Resource Conservation and Recovery Act (RCRA)
Accreditor:	State of Virginia
Accreditation ID:	460201
Scope:	Non-Potable Water
Accreditor:	NELAP: New Jersey, Department of Environmental Protection
Accreditation ID:	PA026
Scope:	Non-Potable Water
Accreditor:	NELAP: New York, Department of Health Wadsworth Center
Accreditation ID:	11815
Scope:	Non-Potable Water
Accreditor:	State of Connecticut, Department of Public Health, Division of Environmental Health
Accreditation ID:	PH-0263
Scope:	Clean Water Act (CWA) Resource Conservation and Recovery Act (RCRA)
Accreditor:	NELAP: Texas, Commission on Environmental Quality
Accreditation ID:	T104704453-09-TX
Scope:	Non-Potable Water
Accreditor:	State of New Hampshire
Accreditation ID:	299409
Scope:	Non-potable water
Accreditor:	State of Georgia
Accreditation ID:	Chapter 391-3-26
Scope:	As per the Georgia EPD Rules and Regulations for Commercial Laboratories, PAES is accredited by the Pennsylvania Department of Environmental Protection Bureau of Laboratories under the National Environmental Laboratory Approval Program (NELAC).



CERTIFICATE OF ANALYSIS

This report shall not be reproduced, except in full,
 without the written consent of Pace Analytical Energy Services LLC.



SAMPLE SUMMARY

Workorder: 33307 FOREST GLEN MONITORING

Lab ID	Sample ID	Matrix	Date Collected	Date Received
333070001	MW5D031920	Water	3/19/2020 08:30	3/20/2020 11:15
333070002	MW5DMS031920	Water	3/19/2020 08:30	3/20/2020 11:15
333070003	MW5DMSD031920	Water	3/19/2020 08:30	3/20/2020 11:15
333070004	MW5S031920	Water	3/19/2020 10:45	3/20/2020 11:15
333070005	MW4D031920	Water	3/19/2020 12:10	3/20/2020 11:15
333070006	MW4S031920	Water	3/19/2020 13:50	3/20/2020 11:15
333070007	QC TRIP	Water		3/20/2020 11:15



CERTIFICATE OF ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Energy Services LLC.



Pace Analytical Energy Services LLC
220 William Pitt Way
Pittsburgh, PA 15238
Phone: (412) 826-5245
Fax: (412) 826-3433

PROJECT SUMMARY

Workorder: 33307 FOREST GLEN MONITORING

Batch Comments

Batch: DISG/8178 - RSK175 QC

The relative percent difference between the sample and sample duplicate exceeded laboratory control limits; reference sample 333070005. Analyte Ethene. Results for original and duplicate samples were below reporting limits.



CERTIFICATE OF ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Energy Services LLC.



ANALYTICAL RESULTS

Workorder: 33307 FOREST GLEN MONITORING

Lab ID: **333070001** Date Received: 3/20/2020 11:15 Matrix: Water
 Sample ID: **MW5D031920** Date Collected: 3/19/2020 08:30

Parameters	Results	Units	PQL	MDL	DF	Analyzed	By	Qualifiers
------------	---------	-------	-----	-----	----	----------	----	------------

RISK - PAES

Analysis Desc: EPA RSK175		Analytical Method: EPA RSK175						
Methane	63	ug/l	0.50	0.025	1	3/27/2020 09:48	AK	B
Ethane	0.060J	ug/l	0.20	0.0060	1	3/27/2020 09:48	AK	
Ethene	0.020U	ug/l	0.20	0.020	1	3/27/2020 09:48	AK	D1



CERTIFICATE OF ANALYSIS

This report shall not be reproduced, except in full,
 without the written consent of Pace Analytical Energy Services LLC.



ANALYTICAL RESULTS

Workorder: 33307 FOREST GLEN MONITORING

Lab ID: **333070002** Date Received: 3/20/2020 11:15 Matrix: Water
 Sample ID: **MW5DMS031920** Date Collected: 3/19/2020 08:30

Parameters	Results	Units	PQL	MDL	DF	Analyzed	By	Qualifiers
------------	---------	-------	-----	-----	----	----------	----	------------

RISK - PAES

Analysis Desc: EPA RSK175		Analytical Method: EPA RSK175						
Methane	110	ug/l	0.50	0.025	1	3/27/2020 09:58	AK	B
Ethane	82	ug/l	0.20	0.0060	1	3/27/2020 09:58	AK	
Ethene	79	ug/l	0.20	0.020	1	3/27/2020 09:58	AK	D1



CERTIFICATE OF ANALYSIS

This report shall not be reproduced, except in full,
 without the written consent of Pace Analytical Energy Services LLC.



ANALYTICAL RESULTS

Workorder: 33307 FOREST GLEN MONITORING

Lab ID: **333070003** Date Received: 3/20/2020 11:15 Matrix: Water
 Sample ID: **MW5DMSD031920** Date Collected: 3/19/2020 08:30

Parameters	Results	Units	PQL	MDL	DF	Analyzed	By	Qualifiers
------------	---------	-------	-----	-----	----	----------	----	------------

RISK - PAES

Analysis Desc: EPA RSK175		Analytical Method: EPA RSK175						
Methane	110	ug/l	0.50	0.025	1	3/27/2020 10:09	AK	B
Ethane	81	ug/l	0.20	0.0060	1	3/27/2020 10:09	AK	
Ethene	77	ug/l	0.20	0.020	1	3/27/2020 10:09	AK	D1



CERTIFICATE OF ANALYSIS

This report shall not be reproduced, except in full,
 without the written consent of Pace Analytical Energy Services LLC.



ANALYTICAL RESULTS

Workorder: 33307 FOREST GLEN MONITORING

Lab ID: **333070004** Date Received: 3/20/2020 11:15 Matrix: Water
 Sample ID: **MW5S031920** Date Collected: 3/19/2020 10:45

Parameters	Results	Units	PQL	MDL	DF	Analyzed	By	Qualifiers
------------	---------	-------	-----	-----	----	----------	----	------------

RISK - PAES

Analysis Desc: EPA RSK175		Analytical Method: EPA RSK175						
Methane	0.18J	ug/l	0.50	0.025	1	3/27/2020 10:23	AK	B
Ethane	0.0081J	ug/l	0.20	0.0060	1	3/27/2020 10:23	AK	
Ethene	0.020U	ug/l	0.20	0.020	1	3/27/2020 10:23	AK	D1



CERTIFICATE OF ANALYSIS

This report shall not be reproduced, except in full,
 without the written consent of Pace Analytical Energy Services LLC.



ANALYTICAL RESULTS

Workorder: 33307 FOREST GLEN MONITORING

Lab ID: **333070005** Date Received: 3/20/2020 11:15 Matrix: Water
 Sample ID: **MW4D031920** Date Collected: 3/19/2020 12:10

Parameters	Results	Units	PQL	MDL	DF	Analyzed	By	Qualifiers
------------	---------	-------	-----	-----	----	----------	----	------------

RISK - PAES

Analysis Desc: EPA RSK175		Analytical Method: EPA RSK175						
Methane	28	ug/l	0.50	0.025	1	3/27/2020 10:54	AK	B
Ethane	0.11J	ug/l	0.20	0.0060	1	3/27/2020 10:54	AK	
Ethene	0.071J	ug/l	0.20	0.020	1	3/27/2020 10:54	AK	D1



CERTIFICATE OF ANALYSIS

This report shall not be reproduced, except in full,
 without the written consent of Pace Analytical Energy Services LLC.



ANALYTICAL RESULTS

Workorder: 33307 FOREST GLEN MONITORING

Lab ID: **333070006** Date Received: 3/20/2020 11:15 Matrix: Water
 Sample ID: **MW4S031920** Date Collected: 3/19/2020 13:50

Parameters	Results	Units	PQL	MDL	DF	Analyzed	By	Qualifiers
------------	---------	-------	-----	-----	----	----------	----	------------

RISK - PAES

Analysis Desc: EPA RSK175		Analytical Method: EPA RSK175						
Methane	1.1	ug/l	0.50	0.025	1	3/27/2020 11:05	AK	B
Ethane	0.0060U	ug/l	0.20	0.0060	1	3/27/2020 11:05	AK	
Ethene	0.024J	ug/l	0.20	0.020	1	3/27/2020 11:05	AK	D1



CERTIFICATE OF ANALYSIS

This report shall not be reproduced, except in full,
 without the written consent of Pace Analytical Energy Services LLC.



ANALYTICAL RESULTS

Workorder: 33307 FOREST GLEN MONITORING

Lab ID: **333070007** Date Received: 3/20/2020 11:15 Matrix: Water
 Sample ID: **QC TRIP** Date Collected:

Parameters	Results	Units	PQL	MDL	DF	Analyzed	By	Qualifiers
------------	---------	-------	-----	-----	----	----------	----	------------

RISK - PAES

Analysis Desc: EPA RSK175		Analytical Method: EPA RSK175						
Methane	0.20J	ug/l	0.50	0.025	1	3/27/2020 11:15	AK	B
Ethane	0.0060U	ug/l	0.20	0.0060	1	3/27/2020 11:15	AK	
Ethene	0.020U	ug/l	0.20	0.020	1	3/27/2020 11:15	AK	D1



CERTIFICATE OF ANALYSIS

This report shall not be reproduced, except in full,
 without the written consent of Pace Analytical Energy Services LLC.



ANALYTICAL RESULTS QUALIFIERS

Workorder: 33307 FOREST GLEN MONITORING

DEFINITIONS/QUALIFIERS

- MDL Method Detection Limit. Can be used synonymously with LOD; Limit Of Detection.
- PQL Practical Quantitation Limit. Can be used synonymously with LOQ; Limit Of Quantitation.
- ND Not detected at or above reporting limit.
- DF Dilution Factor.
- S Surrogate.
- RPD Relative Percent Difference.
- % Rec Percent Recovery.
- U Indicates the compound was analyzed for, but not detected at or above the noted concentration.
- J Estimated concentration greater than the set method detection limit (MDL) and less than the set reporting limit (PQL).
-
- B The analyte was detected in the associated blank.
- D1 The duplicate relative percent difference (RPD) exceeded laboratory control limits.



CERTIFICATE OF ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Energy Services LLC.



QUALITY CONTROL DATA

Workorder: 33307 FOREST GLEN MONITORING

QC Batch: DISG/8178 Analysis Method: EPA RSK175
 QC Batch Method: EPA RSK175
 Associated Lab Samples: 333070001, 333070002, 333070003, 333070004, 333070005, 333070006, 333070007

METHOD BLANK: 66539

Parameter	Units	Blank Result	Reporting Limit	Qualifiers
RISK				
Methane	ug/l	0.037J	0.025	B
Ethane	ug/l	0.0060U	0.0060	
Ethene	ug/l	0.020U	0.020	D1

LABORATORY CONTROL SAMPLE & LCSD: 66540 66541

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limit	RPD	Max RPD	Qualifiers
Methane	ug/l	44	48	48	108	108	85-115	0.054	20	B
Ethane	ug/l	83	84	84	102	102	85-115	0.076	20	
Ethene	ug/l	78	82	82	105	106	85-115	0.42	20	D1

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 66542 66543 Original: 333070001

Parameter	Units	Original Result	Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limit	Max RPD	RPD	Qualifiers
RISK											
Methane	ug/l	63	44	110	110	97	105	70-130	3.2	20	B
Ethane	ug/l	0.06	83	82	81	98	97	70-130	1	20	
Ethene	ug/l	0.01	78	79	77	102	100	70-130	2	20	D1

SAMPLE DUPLICATE: 66555 Original: 333070005

Parameter	Units	Original Result	DUP Result	RPD	Max RPD	Qualifiers
RISK						
Methane	ug/l	28	27	4.7	20	B
Ethane	ug/l	.11	.1	5.9	20	
Ethene	ug/l	.071	.018	119	20	D1



CERTIFICATE OF ANALYSIS

This report shall not be reproduced, except in full, without the written consent of Pace Analytical Energy Services LLC.



QUALITY CONTROL DATA CROSS REFERENCE TABLE

Workorder: 33307 FOREST GLEN MONITORING

Lab ID	Sample ID	Prep Method	Prep Batch	Analysis Method	Analysis Batch
333070001	MW5D031920			EPA RSK175	DISG/8178
333070002	MW5DMS031920			EPA RSK175	DISG/8178
333070003	MW5DMSD031920			EPA RSK175	DISG/8178
333070004	MW5S031920			EPA RSK175	DISG/8178
333070005	MW4D031920			EPA RSK175	DISG/8178
333070006	MW4S031920			EPA RSK175	DISG/8178
333070007	QC TRIP			EPA RSK175	DISG/8178



CERTIFICATE OF ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Energy Services LLC.



CHAIN-OF-CUSTODY Analytical Request Document

Chain-of-Custody is a LEGAL DOCUMENT - Complete all relevant fields

Company: **O'Brien & Gere**
 Billing Information: PO Box 4873
 333 West Washington St
 Syracuse NY 13221

Address: **333 West Washington St Syracuse NY 13221**
 Report To: **YURI VELIZ**
 Email To: **YURI VELIZ @Ramboll.com**

Copy To: **NY**
 Site Collection Info/Address: **NY**

Customer Project Name/Number: **Forest Glen Monitoring**
 State: **1** County/City: **1** Time Zone Collected: **1** PT **1** MT **1** CT **1** ET

Phone: **315 456 6100**
 Site/Facility ID #: _____
 Compliance Monitoring? Yes No

Collected By (print): **MARIN KOENIGKE**
 Purchase Order #: _____
 DW PWS ID #: _____
 DW Location Code: _____

Collected By (signature): *Martin Koenigke*
 Turnaround Date Required: _____
 Immediately Packed on Ice: Yes No

Sample Disposal: Same Day Next Day
 Dispose as appropriate Return
 Archive: _____
 Hold: _____
 Rush: 2 Day 3 Day 4 Day 5 Day
 (Expedite Charges Apply)
 Field Filtered (if applicable): Yes No
 Analysis: _____

* Matrix Codes (insert in Matrix box below): Drinking Water (DW), Ground Water (GW), Wastewater (WW),
 Product (P), Soil/Solid (SI), Oil (OL), Wipe (WP), Air (AR), Tissue (TS), Blossom (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		
MW5D031920	W	G	3-19-20	8:30				3
MW5DMS031920	W	G	3-19-20	8:30				3
MW5DMS031920	W	G	3-19-20	8:30				3
MW5S031920	W	G	3-19-20	10:45				3
MW4D031920	W	G	3-19-20	12:10				3
MW4S031920	W	G	3-19-20	1:50				3
QC TRIP	W							2

Customer Remarks / Special Conditions / Possible Hazards: _____
 Type of Ice Used: Wet Blue Dry None
 Packing Material Used: _____
 Radchem sample(s) screened (<5000 cpm): **Y** **N** **NA**
 Relinquished by/Company: (Signature) *Martin Koenigke* Date/Time: **3-19-20 16:30**
 Received by/Company: (Signature) *Yuri Veliz* Date/Time: **3-20-20 11:15**
 Relinquished by/Company: (Signature) _____ Date/Time: _____
 Received by/Company: (Signature) _____ Date/Time: _____

LAB USE ONLY - Affix Workorder/Login Label Here or List Pace Workorder Number or
 MTLL Log-in Number Here
33307
SW 3/20/20
 ALL SHADED AREAS are for LAB USE ONLY
 Container Preservative Type **
 Lab Project Manager: _____

Analyses: _____
 Lab Sample Receipt Checklist:
 Custody Seals Present/Intact: Y N NA
 Custody Signatures Present: Y N NA
 Collector Signatures 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
 CI Strips: Y N NA
 Sample pH Acceptable: Y N NA
 pH Strips: Y N NA
 Sulfide Present: Y N NA
 Lead Acetate Strips: Y N NA

LAB USE ONLY:
 Lab Sample # / Comments: _____
 Lab Tracking #: **188887WY0230504344**
 Date Tracking #: **3-20-20 11:15**
 Sample received via: **FedEx UPS**
 Client: _____
 Courier: **Pace Courier**
 MTLL LAB USE ONLY

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: **1** OC
 Cooler 1 Therm Corr. Factor: _____
 Cooler 1 Corrected Temp: _____
 Comments: _____
 Trip Blank Received: Y N NA
 HCL MeOH TSP Other
 Non Conformance(s): YES NO Page: _____ of: _____

ANALYTICAL REPORT

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

Laboratory Job ID: 480-171355-1
Client Project/Site: Forest Glen Monitoring

For:

O'Brien & Gere Inc of North America
333 West Washington St.
PO BOX 4873
East Syracuse, New York 13221

Attn: Mr. David J Carnevale



*Authorized for release by:
6/26/2020 5:36:38 PM*

Rebecca Jones, Project Management Assistant I
rebecca.jones@testamericainc.com

Designee for

John Schove, Project Manager II
(716)504-9838
john.schove@testamericainc.com

LINKS

Review your project
results through
TotalAccess

Have a Question?



Visit us at:

www.eurofinsus.com/Env

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

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

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



Table of Contents

Cover Page	1
Table of Contents	2
Definitions/Glossary	3
Case Narrative	4
Detection Summary	5
Client Sample Results	7
Isotope Dilution Summary	14
QC Sample Results	16
QC Association Summary	22
Lab Chronicle	23
Certification Summary	25
Method Summary	26
Sample Summary	27
Chain of Custody	28
Receipt Checklists	31

Definitions/Glossary

Client: O'Brien & Gere Inc of North America
Project/Site: Forest Glen Monitoring

Job ID: 480-171355-1

Qualifiers

GC/MS Semi 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.

LCMS

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: 480-171355-1

Job ID: 480-171355-1

Laboratory: Eurofins TestAmerica, Buffalo

Narrative

Job Narrative
480-171355-1

Comments

No additional comments.

Receipt

The samples were received on 6/16/2020 4:45 PM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperatures of the 3 coolers at receipt time were 3.9° C, 4.7° C and 5.6° C.

GC/MS Semi VOA

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

LCMS

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

Organic Prep

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

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14
- 15

Detection Summary

Client: O'Brien & Gere Inc of North America
Project/Site: Forest Glen Monitoring

Job ID: 480-171355-1

Client Sample ID: EQUIPMENT BLANK 061620

Lab Sample ID: 480-171355-1

No Detections.

Client Sample ID: FIELD BLANK 061620

Lab Sample ID: 480-171355-2

No Detections.

Client Sample ID: MW1S 061620

Lab Sample ID: 480-171355-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Perfluorobutanesulfonic acid (PFBS)	1.5	J	1.7	0.42	ng/L	1		537 (modified)	Total/NA
Perfluorobutanoic acid (PFBA)	6.0		1.7	0.86	ng/L	1		537 (modified)	Total/NA
Perfluoroheptanoic acid (PFHpA)	1.4	J	1.7	0.79	ng/L	1		537 (modified)	Total/NA
Perfluorohexanesulfonic acid (PFHxS)	0.94	J	1.7	0.69	ng/L	1		537 (modified)	Total/NA
Perfluorohexanoic acid (PFHxA)	2.9		1.7	0.66	ng/L	1		537 (modified)	Total/NA
Perfluorononanoic acid (PFNA)	0.51	J	1.7	0.23	ng/L	1		537 (modified)	Total/NA
Perfluorooctanesulfonic acid (PFOS)	1.4	J	1.7	0.53	ng/L	1		537 (modified)	Total/NA
Perfluorooctanoic acid (PFOA)	2.0		1.7	0.70	ng/L	1		537 (modified)	Total/NA
Perfluoropentanoic acid (PFPeA)	5.7		1.7	0.54	ng/L	1		537 (modified)	Total/NA

Client Sample ID: MW6DD 061620

Lab Sample ID: 480-171355-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,4-Dioxane	0.18	J	0.19	0.097	ug/L	1		8270D SIM ID	Total/NA
Perfluorobutanesulfonic acid (PFBS)	2.5		1.7	0.41	ng/L	1		537 (modified)	Total/NA
Perfluorobutanoic acid (PFBA)	8.5		1.7	0.83	ng/L	1		537 (modified)	Total/NA
Perfluoroheptanoic acid (PFHpA)	2.1		1.7	0.75	ng/L	1		537 (modified)	Total/NA
Perfluorohexanesulfonic acid (PFHxS)	2.4		1.7	0.66	ng/L	1		537 (modified)	Total/NA
Perfluorohexanoic acid (PFHxA)	9.6		1.7	0.63	ng/L	1		537 (modified)	Total/NA
Perfluorooctanesulfonic acid (PFOS)	1.7		1.7	0.51	ng/L	1		537 (modified)	Total/NA
Perfluorooctanoic acid (PFOA)	1.9		1.7	0.67	ng/L	1		537 (modified)	Total/NA
Perfluoropentanoic acid (PFPeA)	18		1.7	0.52	ng/L	1		537 (modified)	Total/NA

Client Sample ID: MW5S 061620

Lab Sample ID: 480-171355-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,4-Dioxane	1.0		0.19	0.095	ug/L	1		8270D SIM ID	Total/NA
Perfluorobutanesulfonic acid (PFBS)	1.3	J	1.8	0.44	ng/L	1		537 (modified)	Total/NA
Perfluorobutanoic acid (PFBA)	5.6		1.8	0.90	ng/L	1		537 (modified)	Total/NA
Perfluorohexanesulfonic acid (PFHxS)	1.5	J	1.8	0.72	ng/L	1		537 (modified)	Total/NA
Perfluorohexanoic acid (PFHxA)	3.0		1.8	0.68	ng/L	1		537 (modified)	Total/NA
Perfluorononanoic acid (PFNA)	0.25	J	1.8	0.24	ng/L	1		537 (modified)	Total/NA
Perfluorooctanesulfonic acid (PFOS)	1.0	J	1.8	0.55	ng/L	1		537 (modified)	Total/NA
Perfluorooctanoic acid (PFOA)	1.0	J	1.8	0.73	ng/L	1		537 (modified)	Total/NA
Perfluoropentanoic acid (PFPeA)	3.7		1.8	0.57	ng/L	1		537 (modified)	Total/NA

Client Sample ID: X-1 061620

Lab Sample ID: 480-171355-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,4-Dioxane	0.20		0.19	0.095	ug/L	1		8270D SIM ID	Total/NA
Perfluorobutanesulfonic acid (PFBS)	2.5		1.7	0.41	ng/L	1		537 (modified)	Total/NA
Perfluorobutanoic acid (PFBA)	8.6		1.7	0.83	ng/L	1		537 (modified)	Total/NA
Perfluoroheptanoic acid (PFHpA)	2.2		1.7	0.76	ng/L	1		537 (modified)	Total/NA
Perfluorohexanesulfonic acid (PFHxS)	2.4		1.7	0.67	ng/L	1		537 (modified)	Total/NA
Perfluorohexanoic acid (PFHxA)	10		1.7	0.63	ng/L	1		537 (modified)	Total/NA
Perfluorooctanesulfonic acid (PFOS)	0.94	J	1.7	0.51	ng/L	1		537 (modified)	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins TestAmerica, Buffalo

Detection Summary

Client: O'Brien & Gere Inc of North America
Project/Site: Forest Glen Monitoring

Job ID: 480-171355-1

Client Sample ID: X-1 061620 (Continued)

Lab Sample ID: 480-171355-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Perfluorooctanoic acid (PFOA)	1.9		1.7	0.67	ng/L	1		537 (modified)	Total/NA
Perfluoropentanoic acid (PFPeA)	18		1.7	0.52	ng/L	1		537 (modified)	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: O'Brien & Gere Inc of North America
 Project/Site: Forest Glen Monitoring

Job ID: 480-171355-1

Client Sample ID: EQUIPMENT BLANK 061620

Lab Sample ID: 480-171355-1

Date Collected: 06/16/20 07:45

Matrix: Water

Date Received: 06/16/20 16:45

Method: 8270D SIM ID - Semivolatile Organic Compounds (GC/MS SIM / Isotope Dilution)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	ND		0.19	0.095	ug/L		06/21/20 09:01	06/24/20 15:00	1
<i>Isotope Dilution</i>	<i>%Recovery</i>	<i>Qualifier</i>	<i>Limits</i>				<i>Prepared</i>	<i>Analyzed</i>	<i>Dil Fac</i>
<i>1,4-Dioxane-d8</i>	25		15 - 110				06/21/20 09:01	06/24/20 15:00	1

Method: 537 (modified) - Fluorinated Alkyl Substances

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1H,1H,2H,2H-perfluorodecanesulfonic acid (8:2)	ND		16	2.3	ng/L		06/24/20 15:02	06/25/20 22:01	1
1H,1H,2H,2H-perfluorooctanesulfonic acid (6:2)	ND		16	4.3	ng/L		06/24/20 15:02	06/25/20 22:01	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	ND		16	1.2	ng/L		06/24/20 15:02	06/25/20 22:01	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	ND		16	1.3	ng/L		06/24/20 15:02	06/25/20 22:01	1
Perfluorobutanesulfonic acid (PFBS)	ND		1.6	0.38	ng/L		06/24/20 15:02	06/25/20 22:01	1
Perfluorobutanoic acid (PFBA)	ND		1.6	0.78	ng/L		06/24/20 15:02	06/25/20 22:01	1
Perfluorodecanesulfonic acid (PFDS)	ND		1.6	0.71	ng/L		06/24/20 15:02	06/25/20 22:01	1
Perfluorodecanoic acid (PFDA)	ND		1.6	0.60	ng/L		06/24/20 15:02	06/25/20 22:01	1
Perfluorododecanoic acid (PFDoA)	ND		1.6	0.46	ng/L		06/24/20 15:02	06/25/20 22:01	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		1.6	0.75	ng/L		06/24/20 15:02	06/25/20 22:01	1
Perfluoroheptanoic acid (PFHpA)	ND		1.6	0.71	ng/L		06/24/20 15:02	06/25/20 22:01	1
Perfluorohexanesulfonic acid (PFHxS)	ND		1.6	0.63	ng/L		06/24/20 15:02	06/25/20 22:01	1
Perfluorohexanoic acid (PFHxA)	ND		1.6	0.60	ng/L		06/24/20 15:02	06/25/20 22:01	1
Perfluorononanoic acid (PFNA)	ND		1.6	0.21	ng/L		06/24/20 15:02	06/25/20 22:01	1
Perfluorooctanesulfonamide (PFOSA)	ND		7.8	7.8	ng/L		06/24/20 15:02	06/25/20 22:01	1
Perfluorooctanesulfonic acid (PFOS)	ND		1.6	0.48	ng/L		06/24/20 15:02	06/25/20 22:01	1
Perfluorooctanoic acid (PFOA)	ND		1.6	0.64	ng/L		06/24/20 15:02	06/25/20 22:01	1
Perfluoropentanoic acid (PFPeA)	ND		1.6	0.49	ng/L		06/24/20 15:02	06/25/20 22:01	1
Perfluorotetradecanoic acid (PFTeA)	ND		1.6	0.72	ng/L		06/24/20 15:02	06/25/20 22:01	1
Perfluorotridecanoic acid (PFTriA)	ND		1.6	0.47	ng/L		06/24/20 15:02	06/25/20 22:01	1
Perfluoroundecanoic acid (PFUnA)	ND		1.6	0.61	ng/L		06/24/20 15:02	06/25/20 22:01	1
<i>Isotope Dilution</i>	<i>%Recovery</i>	<i>Qualifier</i>	<i>Limits</i>				<i>Prepared</i>	<i>Analyzed</i>	<i>Dil Fac</i>
<i>13C2 PFDA</i>	99		50 - 150				06/24/20 15:02	06/25/20 22:01	1
<i>13C2 PFDoA</i>	78		50 - 150				06/24/20 15:02	06/25/20 22:01	1
<i>13C2 PFHxA</i>	95		50 - 150				06/24/20 15:02	06/25/20 22:01	1
<i>13C2 PFTeDA</i>	72		50 - 150				06/24/20 15:02	06/25/20 22:01	1
<i>13C2 PFUnA</i>	90		50 - 150				06/24/20 15:02	06/25/20 22:01	1
<i>13C3 PFBS</i>	89		50 - 150				06/24/20 15:02	06/25/20 22:01	1
<i>13C4 PFBA</i>	94		25 - 150				06/24/20 15:02	06/25/20 22:01	1
<i>13C4 PFHpA</i>	97		50 - 150				06/24/20 15:02	06/25/20 22:01	1
<i>13C4 PFOA</i>	99		50 - 150				06/24/20 15:02	06/25/20 22:01	1
<i>13C4 PFOS</i>	94		50 - 150				06/24/20 15:02	06/25/20 22:01	1
<i>13C5 PFNA</i>	94		50 - 150				06/24/20 15:02	06/25/20 22:01	1
<i>13C5 PFPeA</i>	97		25 - 150				06/24/20 15:02	06/25/20 22:01	1
<i>13C8 FOSA</i>	53		25 - 150				06/24/20 15:02	06/25/20 22:01	1
<i>18O2 PFHxS</i>	89		50 - 150				06/24/20 15:02	06/25/20 22:01	1
<i>d3-NMeFOSAA</i>	95		50 - 150				06/24/20 15:02	06/25/20 22:01	1
<i>d5-NEtFOSAA</i>	85		50 - 150				06/24/20 15:02	06/25/20 22:01	1
<i>M2-6:2 FTS</i>	96		25 - 150				06/24/20 15:02	06/25/20 22:01	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: O'Brien & Gere Inc of North America
Project/Site: Forest Glen Monitoring

Job ID: 480-171355-1

Client Sample ID: EQUIPMENT BLANK 061620

Lab Sample ID: 480-171355-1

Date Collected: 06/16/20 07:45

Matrix: Water

Date Received: 06/16/20 16:45

Method: 537 (modified) - Fluorinated Alkyl Substances (Continued)

<i>Isotope Dilution</i>	<i>%Recovery</i>	<i>Qualifier</i>	<i>Limits</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Dil Fac</i>
M2-8:2 FTS	101		25 - 150	06/24/20 15:02	06/25/20 22:01	1

Client Sample ID: FIELD BLANK 061620

Lab Sample ID: 480-171355-2

Date Collected: 06/16/20 08:00

Matrix: Water

Date Received: 06/16/20 16:45

Method: 8270D SIM ID - Semivolatile Organic Compounds (GC/MS SIM / Isotope Dilution)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	ND		0.19	0.096	ug/L		06/21/20 09:01	06/24/20 15:22	1
<i>Isotope Dilution</i>	<i>%Recovery</i>	<i>Qualifier</i>	<i>Limits</i>						
1,4-Dioxane-d8	27		15 - 110						

Method: 537 (modified) - Fluorinated Alkyl Substances

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1H,1H,2H,2H-perfluorodecanesulfonic acid (8:2)	ND		17	2.5	ng/L		06/24/20 15:02	06/25/20 22:09	1
1H,1H,2H,2H-perfluorooctanesulfonic acid (6:2)	ND		17	4.7	ng/L		06/24/20 15:02	06/25/20 22:09	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	ND		17	1.3	ng/L		06/24/20 15:02	06/25/20 22:09	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	ND		17	1.4	ng/L		06/24/20 15:02	06/25/20 22:09	1
Perfluorobutanesulfonic acid (PFBS)	ND		1.7	0.42	ng/L		06/24/20 15:02	06/25/20 22:09	1
Perfluorobutanoic acid (PFBA)	ND		1.7	0.85	ng/L		06/24/20 15:02	06/25/20 22:09	1
Perfluorodecanesulfonic acid (PFDS)	ND		1.7	0.77	ng/L		06/24/20 15:02	06/25/20 22:09	1
Perfluorodecanoic acid (PFDA)	ND		1.7	0.66	ng/L		06/24/20 15:02	06/25/20 22:09	1
Perfluorododecanoic acid (PFDoA)	ND		1.7	0.50	ng/L		06/24/20 15:02	06/25/20 22:09	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		1.7	0.81	ng/L		06/24/20 15:02	06/25/20 22:09	1
Perfluoroheptanoic acid (PFHpA)	ND		1.7	0.77	ng/L		06/24/20 15:02	06/25/20 22:09	1
Perfluorohexanesulfonic acid (PFHxS)	ND		1.7	0.68	ng/L		06/24/20 15:02	06/25/20 22:09	1
Perfluorohexanoic acid (PFHxA)	ND		1.7	0.65	ng/L		06/24/20 15:02	06/25/20 22:09	1
Perfluorononanoic acid (PFNA)	ND		1.7	0.23	ng/L		06/24/20 15:02	06/25/20 22:09	1
Perfluorooctanesulfonamide (PFOSA)	ND		8.5	8.5	ng/L		06/24/20 15:02	06/25/20 22:09	1
Perfluorooctanesulfonic acid (PFOS)	ND		1.7	0.52	ng/L		06/24/20 15:02	06/25/20 22:09	1
Perfluorooctanoic acid (PFOA)	ND		1.7	0.69	ng/L		06/24/20 15:02	06/25/20 22:09	1
Perfluoropentanoic acid (PFPeA)	ND		1.7	0.54	ng/L		06/24/20 15:02	06/25/20 22:09	1
Perfluorotetradecanoic acid (PFTeA)	ND		1.7	0.78	ng/L		06/24/20 15:02	06/25/20 22:09	1
Perfluorotridecanoic acid (PFTriA)	ND		1.7	0.51	ng/L		06/24/20 15:02	06/25/20 22:09	1
Perfluoroundecanoic acid (PFUnA)	ND		1.7	0.66	ng/L		06/24/20 15:02	06/25/20 22:09	1
<i>Isotope Dilution</i>	<i>%Recovery</i>	<i>Qualifier</i>	<i>Limits</i>						
13C2 PFDA	108		50 - 150						
13C2 PFDoA	89		50 - 150						
13C2 PFHxA	99		50 - 150						
13C2 PFTeDA	85		50 - 150						
13C2 PFUnA	102		50 - 150						
13C3 PFBS	88		50 - 150						
13C4 PFBA	101		25 - 150						
13C4 PFHpA	101		50 - 150						
13C4 PFOA	103		50 - 150						
13C4 PFOS	97		50 - 150						

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: O'Brien & Gere Inc of North America
Project/Site: Forest Glen Monitoring

Job ID: 480-171355-1

Client Sample ID: FIELD BLANK 061620

Lab Sample ID: 480-171355-2

Date Collected: 06/16/20 08:00

Matrix: Water

Date Received: 06/16/20 16:45

Method: 537 (modified) - Fluorinated Alkyl Substances (Continued)

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C5 PFNA	110		50 - 150	06/24/20 15:02	06/25/20 22:09	1
13C5 PFPeA	97		25 - 150	06/24/20 15:02	06/25/20 22:09	1
13C8 FOSA	63		25 - 150	06/24/20 15:02	06/25/20 22:09	1
18O2 PFHxS	93		50 - 150	06/24/20 15:02	06/25/20 22:09	1
d3-NMeFOSAA	109		50 - 150	06/24/20 15:02	06/25/20 22:09	1
d5-NEtFOSAA	95		50 - 150	06/24/20 15:02	06/25/20 22:09	1
M2-6:2 FTS	106		25 - 150	06/24/20 15:02	06/25/20 22:09	1
M2-8:2 FTS	99		25 - 150	06/24/20 15:02	06/25/20 22:09	1

Client Sample ID: MW1S 061620

Lab Sample ID: 480-171355-3

Date Collected: 06/16/20 10:00

Matrix: Water

Date Received: 06/16/20 16:45

Method: 8270D SIM ID - Semivolatile Organic Compounds (GC/MS SIM / Isotope Dilution)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	ND		0.19	0.095	ug/L		06/21/20 09:01	06/24/20 14:15	1
Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac			
1,4-Dioxane-d8	27		15 - 110	06/21/20 09:01	06/24/20 14:15	1			

Method: 537 (modified) - Fluorinated Alkyl Substances

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1H,1H,2H,2H-perfluorodecanesulfonic acid (8:2)	ND		17	2.5	ng/L		06/24/20 15:02	06/25/20 22:18	1
1H,1H,2H,2H-perfluorooctanesulfonic acid (6:2)	ND		17	4.7	ng/L		06/24/20 15:02	06/25/20 22:18	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	ND		17	1.3	ng/L		06/24/20 15:02	06/25/20 22:18	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	ND		17	1.5	ng/L		06/24/20 15:02	06/25/20 22:18	1
Perfluorobutanesulfonic acid (PFBS)	1.5	J	1.7	0.42	ng/L		06/24/20 15:02	06/25/20 22:18	1
Perfluorobutanoic acid (PFBA)	6.0		1.7	0.86	ng/L		06/24/20 15:02	06/25/20 22:18	1
Perfluorodecanesulfonic acid (PFDS)	ND		1.7	0.78	ng/L		06/24/20 15:02	06/25/20 22:18	1
Perfluorodecanoic acid (PFDA)	ND		1.7	0.66	ng/L		06/24/20 15:02	06/25/20 22:18	1
Perfluorododecanoic acid (PFDoA)	ND		1.7	0.51	ng/L		06/24/20 15:02	06/25/20 22:18	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		1.7	0.82	ng/L		06/24/20 15:02	06/25/20 22:18	1
Perfluoroheptanoic acid (PFHpA)	1.4	J	1.7	0.79	ng/L		06/24/20 15:02	06/25/20 22:18	1
Perfluorohexanesulfonic acid (PFHxS)	0.94	J	1.7	0.69	ng/L		06/24/20 15:02	06/25/20 22:18	1
Perfluorohexanoic acid (PFHxA)	2.9		1.7	0.66	ng/L		06/24/20 15:02	06/25/20 22:18	1
Perfluorononanoic acid (PFNA)	0.51	J	1.7	0.23	ng/L		06/24/20 15:02	06/25/20 22:18	1
Perfluorooctanesulfonamide (PFOSA)	ND		8.6	8.6	ng/L		06/24/20 15:02	06/25/20 22:18	1
Perfluorooctanesulfonic acid (PFOS)	1.4	J	1.7	0.53	ng/L		06/24/20 15:02	06/25/20 22:18	1
Perfluorooctanoic acid (PFOA)	2.0		1.7	0.70	ng/L		06/24/20 15:02	06/25/20 22:18	1
Perfluoropentanoic acid (PFPeA)	5.7		1.7	0.54	ng/L		06/24/20 15:02	06/25/20 22:18	1
Perfluorotetradecanoic acid (PFTeA)	ND		1.7	0.79	ng/L		06/24/20 15:02	06/25/20 22:18	1
Perfluorotridecanoic acid (PFTriA)	ND		1.7	0.52	ng/L		06/24/20 15:02	06/25/20 22:18	1
Perfluoroundecanoic acid (PFUnA)	ND		1.7	0.67	ng/L		06/24/20 15:02	06/25/20 22:18	1
Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac			
13C2 PFDA	89		50 - 150	06/24/20 15:02	06/25/20 22:18	1			

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: O'Brien & Gere Inc of North America
Project/Site: Forest Glen Monitoring

Job ID: 480-171355-1

Client Sample ID: MW1S 061620

Lab Sample ID: 480-171355-3

Date Collected: 06/16/20 10:00

Matrix: Water

Date Received: 06/16/20 16:45

Method: 537 (modified) - Fluorinated Alkyl Substances (Continued)

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C2 PFDoA	96		50 - 150	06/24/20 15:02	06/25/20 22:18	1
13C2 PFHxA	98		50 - 150	06/24/20 15:02	06/25/20 22:18	1
13C2 PFTeDA	93		50 - 150	06/24/20 15:02	06/25/20 22:18	1
13C2 PFUnA	88		50 - 150	06/24/20 15:02	06/25/20 22:18	1
13C3 PFBS	86		50 - 150	06/24/20 15:02	06/25/20 22:18	1
13C4 PFBA	95		25 - 150	06/24/20 15:02	06/25/20 22:18	1
13C4 PFHpA	96		50 - 150	06/24/20 15:02	06/25/20 22:18	1
13C4 PFOA	100		50 - 150	06/24/20 15:02	06/25/20 22:18	1
13C4 PFOS	84		50 - 150	06/24/20 15:02	06/25/20 22:18	1
13C5 PFNA	92		50 - 150	06/24/20 15:02	06/25/20 22:18	1
13C5 PFPeA	93		25 - 150	06/24/20 15:02	06/25/20 22:18	1
13C8 FOSA	72		25 - 150	06/24/20 15:02	06/25/20 22:18	1
18O2 PFHxS	94		50 - 150	06/24/20 15:02	06/25/20 22:18	1
d3-NMeFOSAA	85		50 - 150	06/24/20 15:02	06/25/20 22:18	1
d5-NEtFOSAA	94		50 - 150	06/24/20 15:02	06/25/20 22:18	1
M2-6:2 FTS	105		25 - 150	06/24/20 15:02	06/25/20 22:18	1
M2-8:2 FTS	95		25 - 150	06/24/20 15:02	06/25/20 22:18	1

Client Sample ID: MW6DD 061620

Lab Sample ID: 480-171355-4

Date Collected: 06/16/20 12:15

Matrix: Water

Date Received: 06/16/20 16:45

Method: 8270D SIM ID - Semivolatile Organic Compounds (GC/MS SIM / Isotope Dilution)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	0.18	J	0.19	0.097	ug/L		06/21/20 09:01	06/24/20 15:45	1
Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac			
1,4-Dioxane-d8	24		15 - 110	06/21/20 09:01	06/24/20 15:45	1			

Method: 537 (modified) - Fluorinated Alkyl Substances

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1H,1H,2H,2H-perfluorodecanesulfonic acid (8:2)	ND		17	2.4	ng/L		06/24/20 15:02	06/25/20 22:44	1
1H,1H,2H,2H-perfluorooctanesulfonic acid (6:2)	ND		17	4.6	ng/L		06/24/20 15:02	06/25/20 22:44	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	ND		17	1.2	ng/L		06/24/20 15:02	06/25/20 22:44	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	ND		17	1.4	ng/L		06/24/20 15:02	06/25/20 22:44	1
Perfluorobutanesulfonic acid (PFBS)	2.5		1.7	0.41	ng/L		06/24/20 15:02	06/25/20 22:44	1
Perfluorobutanoic acid (PFBA)	8.5		1.7	0.83	ng/L		06/24/20 15:02	06/25/20 22:44	1
Perfluorodecanesulfonic acid (PFDS)	ND		1.7	0.75	ng/L		06/24/20 15:02	06/25/20 22:44	1
Perfluorodecanoic acid (PFDA)	ND		1.7	0.64	ng/L		06/24/20 15:02	06/25/20 22:44	1
Perfluorododecanoic acid (PFDoA)	ND		1.7	0.49	ng/L		06/24/20 15:02	06/25/20 22:44	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		1.7	0.79	ng/L		06/24/20 15:02	06/25/20 22:44	1
Perfluoroheptanoic acid (PFHpA)	2.1		1.7	0.75	ng/L		06/24/20 15:02	06/25/20 22:44	1
Perfluorohexanesulfonic acid (PFHxS)	2.4		1.7	0.66	ng/L		06/24/20 15:02	06/25/20 22:44	1
Perfluorohexanoic acid (PFHxA)	9.6		1.7	0.63	ng/L		06/24/20 15:02	06/25/20 22:44	1
Perfluorononanoic acid (PFNA)	ND		1.7	0.22	ng/L		06/24/20 15:02	06/25/20 22:44	1
Perfluorooctanesulfonamide (PFOSA)	ND		8.3	8.3	ng/L		06/24/20 15:02	06/25/20 22:44	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: O'Brien & Gere Inc of North America
Project/Site: Forest Glen Monitoring

Job ID: 480-171355-1

Client Sample ID: MW6DD 061620

Lab Sample ID: 480-171355-4

Date Collected: 06/16/20 12:15

Matrix: Water

Date Received: 06/16/20 16:45

Method: 537 (modified) - Fluorinated Alkyl Substances (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorooctanesulfonic acid (PFOS)	1.7		1.7	0.51	ng/L		06/24/20 15:02	06/25/20 22:44	1
Perfluorooctanoic acid (PFOA)	1.9		1.7	0.67	ng/L		06/24/20 15:02	06/25/20 22:44	1
Perfluoropentanoic acid (PFPeA)	18		1.7	0.52	ng/L		06/24/20 15:02	06/25/20 22:44	1
Perfluorotetradecanoic acid (PFTeA)	ND		1.7	0.76	ng/L		06/24/20 15:02	06/25/20 22:44	1
Perfluorotridecanoic acid (PFTriA)	ND		1.7	0.50	ng/L		06/24/20 15:02	06/25/20 22:44	1
Perfluoroundecanoic acid (PFUnA)	ND		1.7	0.65	ng/L		06/24/20 15:02	06/25/20 22:44	1
<i>Isotope Dilution</i>	<i>%Recovery</i>	<i>Qualifier</i>	<i>Limits</i>				<i>Prepared</i>	<i>Analyzed</i>	<i>Dil Fac</i>
13C2 PFDA	102		50 - 150				06/24/20 15:02	06/25/20 22:44	1
13C2 PFDoA	99		50 - 150				06/24/20 15:02	06/25/20 22:44	1
13C2 PFHxA	102		50 - 150				06/24/20 15:02	06/25/20 22:44	1
13C2 PFTeDA	100		50 - 150				06/24/20 15:02	06/25/20 22:44	1
13C2 PFUnA	94		50 - 150				06/24/20 15:02	06/25/20 22:44	1
13C3 PFBS	88		50 - 150				06/24/20 15:02	06/25/20 22:44	1
13C4 PFBA	95		25 - 150				06/24/20 15:02	06/25/20 22:44	1
13C4 PFHpA	98		50 - 150				06/24/20 15:02	06/25/20 22:44	1
13C4 PFOA	100		50 - 150				06/24/20 15:02	06/25/20 22:44	1
13C4 PFOS	88		50 - 150				06/24/20 15:02	06/25/20 22:44	1
13C5 PFNA	97		50 - 150				06/24/20 15:02	06/25/20 22:44	1
13C5 PFPeA	91		25 - 150				06/24/20 15:02	06/25/20 22:44	1
13C8 FOSA	65		25 - 150				06/24/20 15:02	06/25/20 22:44	1
18O2 PFHxS	89		50 - 150				06/24/20 15:02	06/25/20 22:44	1
d3-NMeFOSAA	97		50 - 150				06/24/20 15:02	06/25/20 22:44	1
d5-NEtFOSAA	94		50 - 150				06/24/20 15:02	06/25/20 22:44	1
M2-6:2 FTS	105		25 - 150				06/24/20 15:02	06/25/20 22:44	1
M2-8:2 FTS	98		25 - 150				06/24/20 15:02	06/25/20 22:44	1

Client Sample ID: MW5S 061620

Lab Sample ID: 480-171355-5

Date Collected: 06/16/20 15:00

Matrix: Water

Date Received: 06/16/20 16:45

Method: 8270D SIM ID - Semivolatile Organic Compounds (GC/MS SIM / Isotope Dilution)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	1.0		0.19	0.095	ug/L		06/21/20 09:01	06/24/20 16:08	1
<i>Isotope Dilution</i>	<i>%Recovery</i>	<i>Qualifier</i>	<i>Limits</i>				<i>Prepared</i>	<i>Analyzed</i>	<i>Dil Fac</i>
1,4-Dioxane-d8	25		15 - 110				06/21/20 09:01	06/24/20 16:08	1

Method: 537 (modified) - Fluorinated Alkyl Substances

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1H,1H,2H,2H-perfluorodecanesulfonic acid (8:2)	ND		18	2.6	ng/L		06/24/20 15:02	06/25/20 22:53	1
1H,1H,2H,2H-perfluorooctanesulfonic acid (6:2)	ND		18	5.0	ng/L		06/24/20 15:02	06/25/20 22:53	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	ND		18	1.4	ng/L		06/24/20 15:02	06/25/20 22:53	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	ND		18	1.5	ng/L		06/24/20 15:02	06/25/20 22:53	1
Perfluorobutanesulfonic acid (PFBS)	1.3 J		1.8	0.44	ng/L		06/24/20 15:02	06/25/20 22:53	1
Perfluorobutanoic acid (PFBA)	5.6		1.8	0.90	ng/L		06/24/20 15:02	06/25/20 22:53	1
Perfluorodecanesulfonic acid (PFDS)	ND		1.8	0.81	ng/L		06/24/20 15:02	06/25/20 22:53	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: O'Brien & Gere Inc of North America
Project/Site: Forest Glen Monitoring

Job ID: 480-171355-1

Client Sample ID: MW5S 061620

Lab Sample ID: 480-171355-5

Date Collected: 06/16/20 15:00

Matrix: Water

Date Received: 06/16/20 16:45

Method: 537 (modified) - Fluorinated Alkyl Substances (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorodecanoic acid (PFDA)	ND		1.8	0.69	ng/L		06/24/20 15:02	06/25/20 22:53	1
Perfluorododecanoic acid (PFDoA)	ND		1.8	0.53	ng/L		06/24/20 15:02	06/25/20 22:53	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		1.8	0.86	ng/L		06/24/20 15:02	06/25/20 22:53	1
Perfluoroheptanoic acid (PFHpA)	ND		1.8	0.82	ng/L		06/24/20 15:02	06/25/20 22:53	1
Perfluorohexanesulfonic acid (PFHxS)	1.5	J	1.8	0.72	ng/L		06/24/20 15:02	06/25/20 22:53	1
Perfluorohexanoic acid (PFHxA)	3.0		1.8	0.68	ng/L		06/24/20 15:02	06/25/20 22:53	1
Perfluorononanoic acid (PFNA)	0.25	J	1.8	0.24	ng/L		06/24/20 15:02	06/25/20 22:53	1
Perfluorooctanesulfonamide (PFOSA)	ND		9.0	9.0	ng/L		06/24/20 15:02	06/25/20 22:53	1
Perfluorooctanesulfonic acid (PFOS)	1.0	J	1.8	0.55	ng/L		06/24/20 15:02	06/25/20 22:53	1
Perfluorooctanoic acid (PFOA)	1.0	J	1.8	0.73	ng/L		06/24/20 15:02	06/25/20 22:53	1
Perfluoropentanoic acid (PFPeA)	3.7		1.8	0.57	ng/L		06/24/20 15:02	06/25/20 22:53	1
Perfluorotetradecanoic acid (PFTeA)	ND		1.8	0.83	ng/L		06/24/20 15:02	06/25/20 22:53	1
Perfluorotridecanoic acid (PFTriA)	ND		1.8	0.54	ng/L		06/24/20 15:02	06/25/20 22:53	1
Perfluoroundecanoic acid (PFUnA)	ND		1.8	0.70	ng/L		06/24/20 15:02	06/25/20 22:53	1

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C2 PFDA	99		50 - 150	06/24/20 15:02	06/25/20 22:53	1
13C2 PFDoA	94		50 - 150	06/24/20 15:02	06/25/20 22:53	1
13C2 PFHxA	99		50 - 150	06/24/20 15:02	06/25/20 22:53	1
13C2 PFTeDA	101		50 - 150	06/24/20 15:02	06/25/20 22:53	1
13C2 PFUnA	106		50 - 150	06/24/20 15:02	06/25/20 22:53	1
13C3 PFBS	88		50 - 150	06/24/20 15:02	06/25/20 22:53	1
13C4 PFBA	96		25 - 150	06/24/20 15:02	06/25/20 22:53	1
13C4 PFHpA	96		50 - 150	06/24/20 15:02	06/25/20 22:53	1
13C4 PFOA	99		50 - 150	06/24/20 15:02	06/25/20 22:53	1
13C4 PFOS	95		50 - 150	06/24/20 15:02	06/25/20 22:53	1
13C5 PFNA	102		50 - 150	06/24/20 15:02	06/25/20 22:53	1
13C5 PFPeA	104		25 - 150	06/24/20 15:02	06/25/20 22:53	1
13C8 FOSA	63		25 - 150	06/24/20 15:02	06/25/20 22:53	1
18O2 PFHxS	92		50 - 150	06/24/20 15:02	06/25/20 22:53	1
d3-NMeFOSAA	106		50 - 150	06/24/20 15:02	06/25/20 22:53	1
d5-NEtFOSAA	94		50 - 150	06/24/20 15:02	06/25/20 22:53	1
M2-6:2 FTS	100		25 - 150	06/24/20 15:02	06/25/20 22:53	1
M2-8:2 FTS	104		25 - 150	06/24/20 15:02	06/25/20 22:53	1

Client Sample ID: X-1 061620

Lab Sample ID: 480-171355-6

Date Collected: 06/16/20 00:00

Matrix: Water

Date Received: 06/16/20 16:45

Method: 8270D SIM ID - Semivolatile Organic Compounds (GC/MS SIM / Isotope Dilution)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	0.20		0.19	0.095	ug/L		06/21/20 09:01	06/24/20 16:30	1
Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac			
1,4-Dioxane-d8	23		15 - 110	06/21/20 09:01	06/24/20 16:30	1			

Method: 537 (modified) - Fluorinated Alkyl Substances

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1H,1H,2H,2H-perfluorodecanesulfonic acid (8:2)	ND		17	2.4	ng/L		06/24/20 15:02	06/25/20 23:01	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: O'Brien & Gere Inc of North America
Project/Site: Forest Glen Monitoring

Job ID: 480-171355-1

Client Sample ID: X-1 061620

Lab Sample ID: 480-171355-6

Date Collected: 06/16/20 00:00

Matrix: Water

Date Received: 06/16/20 16:45

Method: 537 (modified) - Fluorinated Alkyl Substances (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1H,1H,2H,2H-perfluorooctanesulfonic acid (6:2)	ND		17	4.6	ng/L		06/24/20 15:02	06/25/20 23:01	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	ND		17	1.2	ng/L		06/24/20 15:02	06/25/20 23:01	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	ND		17	1.4	ng/L		06/24/20 15:02	06/25/20 23:01	1
Perfluorobutanesulfonic acid (PFBS)	2.5		1.7	0.41	ng/L		06/24/20 15:02	06/25/20 23:01	1
Perfluorobutanoic acid (PFBA)	8.6		1.7	0.83	ng/L		06/24/20 15:02	06/25/20 23:01	1
Perfluorodecanesulfonic acid (PFDS)	ND		1.7	0.75	ng/L		06/24/20 15:02	06/25/20 23:01	1
Perfluorodecanoic acid (PFDA)	ND		1.7	0.64	ng/L		06/24/20 15:02	06/25/20 23:01	1
Perfluorododecanoic acid (PFDoA)	ND		1.7	0.49	ng/L		06/24/20 15:02	06/25/20 23:01	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		1.7	0.79	ng/L		06/24/20 15:02	06/25/20 23:01	1
Perfluoroheptanoic acid (PFHpA)	2.2		1.7	0.76	ng/L		06/24/20 15:02	06/25/20 23:01	1
Perfluorohexanesulfonic acid (PFHxS)	2.4		1.7	0.67	ng/L		06/24/20 15:02	06/25/20 23:01	1
Perfluorohexanoic acid (PFHxA)	10		1.7	0.63	ng/L		06/24/20 15:02	06/25/20 23:01	1
Perfluorononanoic acid (PFNA)	ND		1.7	0.22	ng/L		06/24/20 15:02	06/25/20 23:01	1
Perfluorooctanesulfonamide (PFOSA)	ND		8.3	8.3	ng/L		06/24/20 15:02	06/25/20 23:01	1
Perfluorooctanesulfonic acid (PFOS)	0.94 J		1.7	0.51	ng/L		06/24/20 15:02	06/25/20 23:01	1
Perfluorooctanoic acid (PFOA)	1.9		1.7	0.67	ng/L		06/24/20 15:02	06/25/20 23:01	1
Perfluoropentanoic acid (PFPeA)	18		1.7	0.52	ng/L		06/24/20 15:02	06/25/20 23:01	1
Perfluorotetradecanoic acid (PFTeA)	ND		1.7	0.77	ng/L		06/24/20 15:02	06/25/20 23:01	1
Perfluorotridecanoic acid (PFTriA)	ND		1.7	0.50	ng/L		06/24/20 15:02	06/25/20 23:01	1
Perfluoroundecanoic acid (PFUnA)	ND		1.7	0.65	ng/L		06/24/20 15:02	06/25/20 23:01	1
Isotope Dilution	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
13C2 PFDA	100		50 - 150				06/24/20 15:02	06/25/20 23:01	1
13C2 PFDoA	94		50 - 150				06/24/20 15:02	06/25/20 23:01	1
13C2 PFHxA	93		50 - 150				06/24/20 15:02	06/25/20 23:01	1
13C2 PFTeDA	101		50 - 150				06/24/20 15:02	06/25/20 23:01	1
13C2 PFUnA	99		50 - 150				06/24/20 15:02	06/25/20 23:01	1
13C3 PFBS	85		50 - 150				06/24/20 15:02	06/25/20 23:01	1
13C4 PFBA	91		25 - 150				06/24/20 15:02	06/25/20 23:01	1
13C4 PFHpA	96		50 - 150				06/24/20 15:02	06/25/20 23:01	1
13C4 PFOA	102		50 - 150				06/24/20 15:02	06/25/20 23:01	1
13C4 PFOS	95		50 - 150				06/24/20 15:02	06/25/20 23:01	1
13C5 PFNA	98		50 - 150				06/24/20 15:02	06/25/20 23:01	1
13C5 PFPeA	93		25 - 150				06/24/20 15:02	06/25/20 23:01	1
13C8 FOSA	62		25 - 150				06/24/20 15:02	06/25/20 23:01	1
18O2 PFHxS	90		50 - 150				06/24/20 15:02	06/25/20 23:01	1
d3-NMeFOSAA	102		50 - 150				06/24/20 15:02	06/25/20 23:01	1
d5-NEtFOSAA	100		50 - 150				06/24/20 15:02	06/25/20 23:01	1
M2-6:2 FTS	104		25 - 150				06/24/20 15:02	06/25/20 23:01	1
M2-8:2 FTS	100		25 - 150				06/24/20 15:02	06/25/20 23:01	1

Isotope Dilution Summary

Client: O'Brien & Gere Inc of North America
 Project/Site: Forest Glen Monitoring

Job ID: 480-171355-1

Method: 8270D SIM ID - Semivolatile Organic Compounds (GC/MS SIM / Isotope Dilution)

Matrix: Water

Prep Type: Total/NA

Percent Isotope Dilution Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	DXE (15-110)
480-171355-1	EQUIPMENT BLANK 061620	25
480-171355-2	FIELD BLANK 061620	27
480-171355-3	MW1S 061620	27
480-171355-3 MS	MW1S 061620	27
480-171355-3 MSD	MW1S 061620	27
480-171355-4	MW6DD 061620	24
480-171355-5	MW5S 061620	25
480-171355-6	X-1 061620	23
LCS 480-537207/2-A	Lab Control Sample	31
MB 480-537207/1-A	Method Blank	31

Surrogate Legend

DXE = 1,4-Dioxane-d8

Method: 537 (modified) - Fluorinated Alkyl Substances

Matrix: Water

Prep Type: Total/NA

Percent Isotope Dilution Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	PFDA (50-150)	PFDoA (50-150)	PFHxA (50-150)	PFTDA (50-150)	PFUnA (50-150)	C3PFBS (50-150)	PFBA (25-150)	C4PFHA (50-150)
480-171355-1	EQUIPMENT BLANK 061620	99	78	95	72	90	89	94	97
480-171355-2	FIELD BLANK 061620	108	89	99	85	102	88	101	101
480-171355-3	MW1S 061620	89	96	98	93	88	86	95	96
480-171355-3 MS	MW1S 061620	99	91	100	92	93	94	95	102
480-171355-3 MSD	MW1S 061620	90	85	89	88	85	80	87	99
480-171355-4	MW6DD 061620	102	99	102	100	94	88	95	98
480-171355-5	MW5S 061620	99	94	99	101	106	88	96	96
480-171355-6	X-1 061620	100	94	93	101	99	85	91	96
LCS 200-156144/2-A	Lab Control Sample	104	98	95	91	101	89	96	97
MB 200-156144/1-A	Method Blank	107	97	97	100	104	90	97	94

Percent Isotope Dilution Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	PFOA (50-150)	PFOS (50-150)	PFNA (50-150)	PFPeA (25-150)	PFOSA (25-150)	PFHxS (50-150)	d3NMFOS (50-150)	d5NEFOS (50-150)
480-171355-1	EQUIPMENT BLANK 061620	99	94	94	97	53	89	95	85
480-171355-2	FIELD BLANK 061620	103	97	110	97	63	93	109	95
480-171355-3	MW1S 061620	100	84	92	93	72	94	85	94
480-171355-3 MS	MW1S 061620	101	92	105	96	68	96	98	93
480-171355-3 MSD	MW1S 061620	95	82	92	91	66	87	89	79
480-171355-4	MW6DD 061620	100	88	97	91	65	89	97	94
480-171355-5	MW5S 061620	99	95	102	104	63	92	106	94
480-171355-6	X-1 061620	102	95	98	93	62	90	102	100
LCS 200-156144/2-A	Lab Control Sample	98	97	106	97	48	92	107	97
MB 200-156144/1-A	Method Blank	103	97	104	99	47	93	113	105

Percent Isotope Dilution Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	M262FTS (25-150)	M282FTS (25-150)
480-171355-1	EQUIPMENT BLANK 061620	96	101
480-171355-2	FIELD BLANK 061620	106	99
480-171355-3	MW1S 061620	105	95
480-171355-3 MS	MW1S 061620	114	89

Eurofins TestAmerica, Buffalo

Isotope Dilution Summary

Client: O'Brien & Gere Inc of North America
Project/Site: Forest Glen Monitoring

Job ID: 480-171355-1

Method: 537 (modified) - Fluorinated Alkyl Substances (Continued)

Matrix: Water

Prep Type: Total/NA

Percent Isotope Dilution Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	Percent Isotope Dilution Recovery (Acceptance Limits)	
		M262FTS (25-150)	M282FTS (25-150)
480-171355-3 MSD	MW1S 061620	98	87
480-171355-4	MW6DD 061620	105	98
480-171355-5	MW5S 061620	100	104
480-171355-6	X-1 061620	104	100
LCS 200-156144/2-A	Lab Control Sample	94	104
MB 200-156144/1-A	Method Blank	104	109

Surrogate Legend

PFDA = 13C2 PFDA
PFDoA = 13C2 PFDoA
PFHxA = 13C2 PFHxA
PFTDA = 13C2 PFTeDA
PFUnA = 13C2 PFUnA
C3PFBS = 13C3 PFBS
PFBA = 13C4 PFBA
C4PFHA = 13C4 PFHpA
PFOA = 13C4 PFOA
PFOS = 13C4 PFOS
PFNA = 13C5 PFNA
PFPeA = 13C5 PFPeA
PFOSA = 13C8 FOSA
PFHxS = 18O2 PFHxS
d3NMFOS = d3-NMeFOSAA
d5NEFOS = d5-NEtFOSAA
M262FTS = M2-6:2 FTS
M282FTS = M2-8:2 FTS

QC Sample Results

Client: O'Brien & Gere Inc of North America
Project/Site: Forest Glen Monitoring

Job ID: 480-171355-1

Method: 8270D SIM ID - Semivolatile Organic Compounds (GC/MS SIM / Isotope Dilution)

Lab Sample ID: MB 480-537207/1-A
Matrix: Water
Analysis Batch: 537769

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 537207

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	ND		0.20	0.10	ug/L		06/21/20 09:01	06/24/20 12:44	1
Isotope Dilution	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,4-Dioxane-d8	31		15 - 110				06/21/20 09:01	06/24/20 12:44	1

Lab Sample ID: LCS 480-537207/2-A
Matrix: Water
Analysis Batch: 537769

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 537207

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	Limits
1,4-Dioxane	1.00	1.09		ug/L		109	40 - 140
Isotope Dilution	%Recovery	Qualifier	Limits				
1,4-Dioxane-d8	31		15 - 110				

Lab Sample ID: 480-171355-3 MS
Matrix: Water
Analysis Batch: 537769

Client Sample ID: MW1S 061620
Prep Type: Total/NA
Prep Batch: 537207

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	Limits
1,4-Dioxane	ND		0.962	1.05		ug/L		109	40 - 140
Isotope Dilution	%Recovery	Qualifier	Limits						
1,4-Dioxane-d8	27		15 - 110						

Lab Sample ID: 480-171355-3 MSD
Matrix: Water
Analysis Batch: 537769

Client Sample ID: MW1S 061620
Prep Type: Total/NA
Prep Batch: 537207

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	Limits	RPD	Limit
1,4-Dioxane	ND		0.952	1.03		ug/L		108	40 - 140	1	20
Isotope Dilution	%Recovery	Qualifier	Limits								
1,4-Dioxane-d8	27		15 - 110								

Method: 537 (modified) - Fluorinated Alkyl Substances

Lab Sample ID: MB 200-156144/1-A
Matrix: Water
Analysis Batch: 156200

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 156144

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1H,1H,2H,2H-perfluorodecanesulfonic acid (8:2)	ND		20	2.9	ng/L		06/24/20 15:02	06/25/20 19:59	1
1H,1H,2H,2H-perfluorooctanesulfonic acid (6:2)	ND		20	5.5	ng/L		06/24/20 15:02	06/25/20 19:59	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	ND		20	1.5	ng/L		06/24/20 15:02	06/25/20 19:59	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	ND		20	1.7	ng/L		06/24/20 15:02	06/25/20 19:59	1
Perfluorobutanesulfonic acid (PFBS)	ND		2.0	0.49	ng/L		06/24/20 15:02	06/25/20 19:59	1

Eurofins TestAmerica, Buffalo

QC Sample Results

Client: O'Brien & Gere Inc of North America
 Project/Site: Forest Glen Monitoring

Job ID: 480-171355-1

Method: 537 (modified) - Fluorinated Alkyl Substances (Continued)

Lab Sample ID: MB 200-156144/1-A
Matrix: Water
Analysis Batch: 156200

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 156144

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Perfluorobutanoic acid (PFBA)	ND		2.0	1.0	ng/L		06/24/20 15:02	06/25/20 19:59	1
Perfluorodecanesulfonic acid (PFDS)	ND		2.0	0.90	ng/L		06/24/20 15:02	06/25/20 19:59	1
Perfluorodecanoic acid (PFDA)	ND		2.0	0.77	ng/L		06/24/20 15:02	06/25/20 19:59	1
Perfluorododecanoic acid (PFDoA)	ND		2.0	0.59	ng/L		06/24/20 15:02	06/25/20 19:59	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		2.0	0.95	ng/L		06/24/20 15:02	06/25/20 19:59	1
Perfluoroheptanoic acid (PFHpA)	ND		2.0	0.91	ng/L		06/24/20 15:02	06/25/20 19:59	1
Perfluorohexanesulfonic acid (PFHxS)	ND		2.0	0.80	ng/L		06/24/20 15:02	06/25/20 19:59	1
Perfluorohexanoic acid (PFHxA)	ND		2.0	0.76	ng/L		06/24/20 15:02	06/25/20 19:59	1
Perfluorononanoic acid (PFNA)	ND		2.0	0.27	ng/L		06/24/20 15:02	06/25/20 19:59	1
Perfluorooctanesulfonamide (PFOSA)	ND		10	10	ng/L		06/24/20 15:02	06/25/20 19:59	1
Perfluorooctanesulfonic acid (PFOS)	ND		2.0	0.61	ng/L		06/24/20 15:02	06/25/20 19:59	1
Perfluorooctanoic acid (PFOA)	ND		2.0	0.81	ng/L		06/24/20 15:02	06/25/20 19:59	1
Perfluoropentanoic acid (PFPeA)	ND		2.0	0.63	ng/L		06/24/20 15:02	06/25/20 19:59	1
Perfluorotetradecanoic acid (PFTeA)	ND		2.0	0.92	ng/L		06/24/20 15:02	06/25/20 19:59	1
Perfluorotridecanoic acid (PFTriA)	ND		2.0	0.60	ng/L		06/24/20 15:02	06/25/20 19:59	1
Perfluoroundecanoic acid (PFUnA)	ND		2.0	0.78	ng/L		06/24/20 15:02	06/25/20 19:59	1

Isotope Dilution	MB	MB	Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
13C2 PFDA	107		50 - 150	06/24/20 15:02	06/25/20 19:59	1
13C2 PFDoA	97		50 - 150	06/24/20 15:02	06/25/20 19:59	1
13C2 PFHxA	97		50 - 150	06/24/20 15:02	06/25/20 19:59	1
13C2 PFTeDA	100		50 - 150	06/24/20 15:02	06/25/20 19:59	1
13C2 PFUnA	104		50 - 150	06/24/20 15:02	06/25/20 19:59	1
13C3 PFBS	90		50 - 150	06/24/20 15:02	06/25/20 19:59	1
13C4 PFBA	97		25 - 150	06/24/20 15:02	06/25/20 19:59	1
13C4 PFHpA	94		50 - 150	06/24/20 15:02	06/25/20 19:59	1
13C4 PFOA	103		50 - 150	06/24/20 15:02	06/25/20 19:59	1
13C4 PFOS	97		50 - 150	06/24/20 15:02	06/25/20 19:59	1
13C5 PFNA	104		50 - 150	06/24/20 15:02	06/25/20 19:59	1
13C5 PFPeA	99		25 - 150	06/24/20 15:02	06/25/20 19:59	1
13C8 FOSA	47		25 - 150	06/24/20 15:02	06/25/20 19:59	1
18O2 PFHxS	93		50 - 150	06/24/20 15:02	06/25/20 19:59	1
d3-NMeFOSAA	113		50 - 150	06/24/20 15:02	06/25/20 19:59	1
d5-NEtFOSAA	105		50 - 150	06/24/20 15:02	06/25/20 19:59	1
M2-6:2 FTS	104		25 - 150	06/24/20 15:02	06/25/20 19:59	1
M2-8:2 FTS	109		25 - 150	06/24/20 15:02	06/25/20 19:59	1

Lab Sample ID: LCS 200-156144/2-A
Matrix: Water
Analysis Batch: 156200

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 156144

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	Limits
1H,1H,2H,2H-perfluorodecanesulfonic acid (8:2)	38.3	31.2		ng/L		81	50 - 150
1H,1H,2H,2H-perfluorooctanesulfonic acid (6:2)	37.9	34.8		ng/L		92	50 - 150
N-ethylperfluorooctanesulfonamide acetic acid (NEtFOSAA)	40.0	39.7		ng/L		99	70 - 130

Eurofins TestAmerica, Buffalo

QC Sample Results

Client: O'Brien & Gere Inc of North America
 Project/Site: Forest Glen Monitoring

Job ID: 480-171355-1

Method: 537 (modified) - Fluorinated Alkyl Substances (Continued)

Lab Sample ID: LCS 200-156144/2-A

Matrix: Water

Analysis Batch: 156200

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 156144

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	40.0	30.8		ng/L		77	70 - 130
Perfluorobutanesulfonic acid (PFBS)	35.4	31.9		ng/L		90	70 - 130
Perfluorobutanoic acid (PFBA)	40.0	37.1		ng/L		93	50 - 150
Perfluorodecanesulfonic acid (PFDS)	38.6	30.9		ng/L		80	50 - 150
Perfluorodecanoic acid (PFDA)	40.0	33.8		ng/L		85	70 - 130
Perfluorododecanoic acid (PFDoA)	40.0	33.2		ng/L		83	70 - 130
Perfluoroheptanesulfonic Acid (PFHpS)	38.1	32.7		ng/L		86	50 - 150
Perfluoroheptanoic acid (PFHpA)	40.0	35.5		ng/L		89	70 - 130
Perfluorohexanesulfonic acid (PFHxS)	36.4	31.2		ng/L		86	70 - 130
Perfluorohexanoic acid (PFHxA)	40.0	36.9		ng/L		92	70 - 130
Perfluorononanoic acid (PFNA)	40.0	32.9		ng/L		82	70 - 130
Perfluorooctanesulfonamide (PFOSA)	40.0	31.1		ng/L		78	50 - 150
Perfluorooctanesulfonic acid (PFOS)	37.1	35.0		ng/L		94	70 - 130
Perfluorooctanoic acid (PFOA)	40.0	36.2		ng/L		91	70 - 130
Perfluoropentanoic acid (PFPeA)	40.0	35.8		ng/L		90	50 - 150
Perfluorotetradecanoic acid (PFTeA)	40.0	40.4		ng/L		101	70 - 130
Perfluorotridecanoic acid (PFTriA)	40.0	32.8		ng/L		82	70 - 130
Perfluoroundecanoic acid (PFUnA)	40.0	36.6		ng/L		92	70 - 130

Isotope Dilution	LCS LCS		Limits
	%Recovery	Qualifier	
13C2 PFDA	104		50 - 150
13C2 PFDoA	98		50 - 150
13C2 PFHxA	95		50 - 150
13C2 PFTeDA	91		50 - 150
13C2 PFUnA	101		50 - 150
13C3 PFBS	89		50 - 150
13C4 PFBA	96		25 - 150
13C4 PFHpA	97		50 - 150
13C4 PFOA	98		50 - 150
13C4 PFOS	97		50 - 150
13C5 PFNA	106		50 - 150
13C5 PFPeA	97		25 - 150
13C8 FOSA	48		25 - 150
18O2 PFHxS	92		50 - 150
d3-NMeFOSAA	107		50 - 150
d5-NEtFOSAA	97		50 - 150
M2-6:2 FTS	94		25 - 150
M2-8:2 FTS	104		25 - 150

QC Sample Results

Client: O'Brien & Gere Inc of North America
 Project/Site: Forest Glen Monitoring

Job ID: 480-171355-1

Method: 537 (modified) - Fluorinated Alkyl Substances (Continued)

Lab Sample ID: 480-171355-3 MS

Matrix: Water

Analysis Batch: 156200

Client Sample ID: MW1S 061620

Prep Type: Total/NA

Prep Batch: 156144

Analyte	Sample	Sample Qualifier	Spike Added	MS	MS	Unit	D	%Rec	Limits
	Result			Result	Qualifier				
1H,1H,2H,2H-perfluorodecanesulfonic acid (8:2)	ND		33.6	28.1		ng/L		84	40 - 160
1H,1H,2H,2H-perfluorooctanesulfonic acid (6:2)	ND		33.3	28.1		ng/L		84	40 - 160
N-ethylperfluorooctanesulfonamide acetic acid (NEtFOSAA)	ND		35.1	34.6		ng/L		99	40 - 160
N-methylperfluorooctanesulfonamide acetic acid (NMeFOSAA)	ND		35.1	27.5		ng/L		79	40 - 160
Perfluorobutanesulfonic acid (PFBS)	1.5	J	31.0	28.7		ng/L		88	40 - 160
Perfluorobutanoic acid (PFBA)	6.0		35.1	37.4		ng/L		90	40 - 160
Perfluorodecanesulfonic acid (PFDS)	ND		33.8	23.6		ng/L		70	40 - 160
Perfluorodecanoic acid (PFDA)	ND		35.1	30.5		ng/L		87	40 - 160
Perfluorododecanoic acid (PFDoA)	ND		35.1	27.3		ng/L		78	40 - 160
Perfluoroheptanesulfonic Acid (PFHpS)	ND		33.4	31.8		ng/L		95	40 - 160
Perfluoroheptanoic acid (PFHpA)	1.4	J	35.1	30.7		ng/L		83	40 - 160
Perfluorohexanesulfonic acid (PFHxS)	0.94	J	31.9	27.0		ng/L		82	40 - 160
Perfluorohexanoic acid (PFHxA)	2.9		35.1	33.8		ng/L		88	40 - 160
Perfluorononanoic acid (PFNA)	0.51	J	35.1	28.2		ng/L		79	40 - 160
Perfluorooctanesulfonamide (PFOSA)	ND		35.1	30.4		ng/L		87	40 - 160
Perfluorooctanesulfonic acid (PFOS)	1.4	J	32.5	29.6		ng/L		87	40 - 160
Perfluorooctanoic acid (PFOA)	2.0		35.1	33.7		ng/L		90	40 - 160
Perfluoropentanoic acid (PFPeA)	5.7		35.1	39.2		ng/L		96	40 - 160
Perfluorotetradecanoic acid (PFTeA)	ND		35.1	37.1		ng/L		106	40 - 160
Perfluorotridecanoic acid (PFTriA)	ND		35.1	32.2		ng/L		92	40 - 160
Perfluoroundecanoic acid (PFUnA)	ND		35.1	32.7		ng/L		93	40 - 160

Isotope Dilution	MS MS		Limits
	%Recovery	Qualifier	
13C2 PFDA	99		50 - 150
13C2 PFDoA	91		50 - 150
13C2 PFHxA	100		50 - 150
13C2 PFTeDA	92		50 - 150
13C2 PFUnA	93		50 - 150
13C3 PFBS	94		50 - 150
13C4 PFBA	95		25 - 150
13C4 PFHpA	102		50 - 150
13C4 PFOA	101		50 - 150
13C4 PFOS	92		50 - 150
13C5 PFNA	105		50 - 150
13C5 PFPeA	96		25 - 150
13C8 FOSA	68		25 - 150
18O2 PFHxS	96		50 - 150
d3-NMeFOSAA	98		50 - 150

Eurofins TestAmerica, Buffalo

QC Sample Results

Client: O'Brien & Gere Inc of North America
Project/Site: Forest Glen Monitoring

Job ID: 480-171355-1

Method: 537 (modified) - Fluorinated Alkyl Substances (Continued)

Lab Sample ID: 480-171355-3 MS

Matrix: Water

Analysis Batch: 156200

Client Sample ID: MW1S 061620

Prep Type: Total/NA

Prep Batch: 156144

Isotope Dilution	MS MS		Limits
	%Recovery	Qualifier	
d5-NEtFOSAA	93		50 - 150
M2-6:2 FTS	114		25 - 150
M2-8:2 FTS	89		25 - 150

Lab Sample ID: 480-171355-3 MSD

Matrix: Water

Analysis Batch: 156200

Client Sample ID: MW1S 061620

Prep Type: Total/NA

Prep Batch: 156144

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD MSD		Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
				Result	Qualifier						
1H,1H,2H,2H-perfluorodecanesulfonic acid (8:2)	ND		34.4	24.7		ng/L		72	40 - 160	13	30
1H,1H,2H,2H-perfluorooctanesulfonic acid (6:2)	ND		34.1	30.9		ng/L		91	40 - 160	10	30
N-ethylperfluorooctanesulfonamide doacetic acid (NEtFOSAA)	ND		36.0	37.3		ng/L		104	40 - 160	8	20
N-methylperfluorooctanesulfonamide doacetic acid (NMeFOSAA)	ND		36.0	28.1		ng/L		78	40 - 160	2	20
Perfluorobutanesulfonic acid (PFBS)	1.5	J	31.8	32.0		ng/L		96	40 - 160	11	20
Perfluorobutanoic acid (PFBA)	6.0		36.0	38.1		ng/L		89	40 - 160	2	30
Perfluorodecanesulfonic acid (PFDS)	ND		34.7	26.8		ng/L		77	40 - 160	13	30
Perfluorodecanoic acid (PFDA)	ND		36.0	29.0		ng/L		81	40 - 160	5	20
Perfluorododecanoic acid (PFDoA)	ND		36.0	28.9		ng/L		80	40 - 160	6	20
Perfluoroheptanesulfonic Acid (PFHpS)	ND		34.2	31.4		ng/L		92	40 - 160	1	30
Perfluoroheptanoic acid (PFHpA)	1.4	J	36.0	29.8		ng/L		79	40 - 160	3	20
Perfluorohexanesulfonic acid (PFHxS)	0.94	J	32.7	30.2		ng/L		89	40 - 160	11	20
Perfluorohexanoic acid (PFHxA)	2.9		36.0	35.2		ng/L		90	40 - 160	4	20
Perfluorononanoic acid (PFNA)	0.51	J	36.0	31.1		ng/L		85	40 - 160	10	20
Perfluorooctanesulfonamide (PFOSA)	ND		36.0	32.2		ng/L		90	40 - 160	6	30
Perfluorooctanesulfonic acid (PFOS)	1.4	J	33.4	31.6		ng/L		91	40 - 160	7	20
Perfluorooctanoic acid (PFOA)	2.0		36.0	33.5		ng/L		88	40 - 160	1	20
Perfluoropentanoic acid (PFPeA)	5.7		36.0	36.2		ng/L		85	40 - 160	8	30
Perfluorotetradecanoic acid (PFTeA)	ND		36.0	35.9		ng/L		100	40 - 160	3	20
Perfluorotridecanoic acid (PFTriA)	ND		36.0	30.2		ng/L		84	40 - 160	6	20
Perfluoroundecanoic acid (PFUnA)	ND		36.0	31.9		ng/L		89	40 - 160	3	20

Isotope Dilution	MSD MSD		Limits
	%Recovery	Qualifier	
13C2 PFDA	90		50 - 150
13C2 PFDoA	85		50 - 150
13C2 PFHxA	89		50 - 150
13C2 PFTeDA	88		50 - 150
13C2 PFUnA	85		50 - 150
13C3 PFBS	80		50 - 150

Eurofins TestAmerica, Buffalo

QC Sample Results

Client: O'Brien & Gere Inc of North America
Project/Site: Forest Glen Monitoring

Job ID: 480-171355-1

Method: 537 (modified) - Fluorinated Alkyl Substances (Continued)

Lab Sample ID: 480-171355-3 MSD

Matrix: Water

Analysis Batch: 156200

Client Sample ID: MW1S 061620

Prep Type: Total/NA

Prep Batch: 156144

<i>Isotope Dilution</i>	<i>MSD</i> <i>%Recovery</i>	<i>MSD</i> <i>Qualifier</i>	<i>Limits</i>
13C4 PFBA	87		25 - 150
13C4 PFHpA	99		50 - 150
13C4 PFOA	95		50 - 150
13C4 PFOS	82		50 - 150
13C5 PFNA	92		50 - 150
13C5 PFPeA	91		25 - 150
13C8 FOSA	66		25 - 150
18O2 PFHxS	87		50 - 150
d3-NMeFOSAA	89		50 - 150
d5-NEtFOSAA	79		50 - 150
M2-6:2 FTS	98		25 - 150
M2-8:2 FTS	87		25 - 150

QC Association Summary

Client: O'Brien & Gere Inc of North America
 Project/Site: Forest Glen Monitoring

Job ID: 480-171355-1

GC/MS Semi VOA

Prep Batch: 537207

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-171355-1	EQUIPMENT BLANK 061620	Total/NA	Water	3510C	
480-171355-2	FIELD BLANK 061620	Total/NA	Water	3510C	
480-171355-3	MW1S 061620	Total/NA	Water	3510C	
480-171355-4	MW6DD 061620	Total/NA	Water	3510C	
480-171355-5	MW5S 061620	Total/NA	Water	3510C	
480-171355-6	X-1 061620	Total/NA	Water	3510C	
MB 480-537207/1-A	Method Blank	Total/NA	Water	3510C	
LCS 480-537207/2-A	Lab Control Sample	Total/NA	Water	3510C	
480-171355-3 MS	MW1S 061620	Total/NA	Water	3510C	
480-171355-3 MSD	MW1S 061620	Total/NA	Water	3510C	

Analysis Batch: 537769

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-171355-1	EQUIPMENT BLANK 061620	Total/NA	Water	8270D SIM ID	537207
480-171355-2	FIELD BLANK 061620	Total/NA	Water	8270D SIM ID	537207
480-171355-3	MW1S 061620	Total/NA	Water	8270D SIM ID	537207
480-171355-4	MW6DD 061620	Total/NA	Water	8270D SIM ID	537207
480-171355-5	MW5S 061620	Total/NA	Water	8270D SIM ID	537207
480-171355-6	X-1 061620	Total/NA	Water	8270D SIM ID	537207
MB 480-537207/1-A	Method Blank	Total/NA	Water	8270D SIM ID	537207
LCS 480-537207/2-A	Lab Control Sample	Total/NA	Water	8270D SIM ID	537207
480-171355-3 MS	MW1S 061620	Total/NA	Water	8270D SIM ID	537207
480-171355-3 MSD	MW1S 061620	Total/NA	Water	8270D SIM ID	537207

LCMS

Prep Batch: 156144

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-171355-1	EQUIPMENT BLANK 061620	Total/NA	Water	3535	
480-171355-2	FIELD BLANK 061620	Total/NA	Water	3535	
480-171355-3	MW1S 061620	Total/NA	Water	3535	
480-171355-4	MW6DD 061620	Total/NA	Water	3535	
480-171355-5	MW5S 061620	Total/NA	Water	3535	
480-171355-6	X-1 061620	Total/NA	Water	3535	
MB 200-156144/1-A	Method Blank	Total/NA	Water	3535	
LCS 200-156144/2-A	Lab Control Sample	Total/NA	Water	3535	
480-171355-3 MS	MW1S 061620	Total/NA	Water	3535	
480-171355-3 MSD	MW1S 061620	Total/NA	Water	3535	

Analysis Batch: 156200

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-171355-1	EQUIPMENT BLANK 061620	Total/NA	Water	537 (modified)	156144
480-171355-2	FIELD BLANK 061620	Total/NA	Water	537 (modified)	156144
480-171355-3	MW1S 061620	Total/NA	Water	537 (modified)	156144
480-171355-4	MW6DD 061620	Total/NA	Water	537 (modified)	156144
480-171355-5	MW5S 061620	Total/NA	Water	537 (modified)	156144
480-171355-6	X-1 061620	Total/NA	Water	537 (modified)	156144
MB 200-156144/1-A	Method Blank	Total/NA	Water	537 (modified)	156144
LCS 200-156144/2-A	Lab Control Sample	Total/NA	Water	537 (modified)	156144
480-171355-3 MS	MW1S 061620	Total/NA	Water	537 (modified)	156144
480-171355-3 MSD	MW1S 061620	Total/NA	Water	537 (modified)	156144

Eurofins TestAmerica, Buffalo

Lab Chronicle

Client: O'Brien & Gere Inc of North America
 Project/Site: Forest Glen Monitoring

Job ID: 480-171355-1

Client Sample ID: EQUIPMENT BLANK 061620

Lab Sample ID: 480-171355-1

Date Collected: 06/16/20 07:45

Matrix: Water

Date Received: 06/16/20 16:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3510C			537207	06/21/20 09:01	JMP	TAL BUF
Total/NA	Analysis	8270D SIM ID		1	537769	06/24/20 15:00	RJS	TAL BUF
Total/NA	Prep	3535			156144	06/24/20 15:02	ND	TAL BUR
Total/NA	Analysis	537 (modified)		1	156200	06/25/20 22:01	BWC	TAL BUR

Client Sample ID: FIELD BLANK 061620

Lab Sample ID: 480-171355-2

Date Collected: 06/16/20 08:00

Matrix: Water

Date Received: 06/16/20 16:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3510C			537207	06/21/20 09:01	JMP	TAL BUF
Total/NA	Analysis	8270D SIM ID		1	537769	06/24/20 15:22	RJS	TAL BUF
Total/NA	Prep	3535			156144	06/24/20 15:02	ND	TAL BUR
Total/NA	Analysis	537 (modified)		1	156200	06/25/20 22:09	BWC	TAL BUR

Client Sample ID: MW1S 061620

Lab Sample ID: 480-171355-3

Date Collected: 06/16/20 10:00

Matrix: Water

Date Received: 06/16/20 16:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3510C			537207	06/21/20 09:01	JMP	TAL BUF
Total/NA	Analysis	8270D SIM ID		1	537769	06/24/20 14:15	RJS	TAL BUF
Total/NA	Prep	3535			156144	06/24/20 15:02	ND	TAL BUR
Total/NA	Analysis	537 (modified)		1	156200	06/25/20 22:18	BWC	TAL BUR

Client Sample ID: MW6DD 061620

Lab Sample ID: 480-171355-4

Date Collected: 06/16/20 12:15

Matrix: Water

Date Received: 06/16/20 16:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3510C			537207	06/21/20 09:01	JMP	TAL BUF
Total/NA	Analysis	8270D SIM ID		1	537769	06/24/20 15:45	RJS	TAL BUF
Total/NA	Prep	3535			156144	06/24/20 15:02	ND	TAL BUR
Total/NA	Analysis	537 (modified)		1	156200	06/25/20 22:44	BWC	TAL BUR

Client Sample ID: MW5S 061620

Lab Sample ID: 480-171355-5

Date Collected: 06/16/20 15:00

Matrix: Water

Date Received: 06/16/20 16:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3510C			537207	06/21/20 09:01	JMP	TAL BUF
Total/NA	Analysis	8270D SIM ID		1	537769	06/24/20 16:08	RJS	TAL BUF
Total/NA	Prep	3535			156144	06/24/20 15:02	ND	TAL BUR
Total/NA	Analysis	537 (modified)		1	156200	06/25/20 22:53	BWC	TAL BUR

Lab Chronicle

Client: O'Brien & Gere Inc of North America
Project/Site: Forest Glen Monitoring

Job ID: 480-171355-1

Client Sample ID: X-1 061620

Lab Sample ID: 480-171355-6

Date Collected: 06/16/20 00:00

Matrix: Water

Date Received: 06/16/20 16:45

<u>Prep Type</u>	<u>Batch Type</u>	<u>Batch Method</u>	<u>Run</u>	<u>Dilution Factor</u>	<u>Batch Number</u>	<u>Prepared or Analyzed</u>	<u>Analyst</u>	<u>Lab</u>
Total/NA	Prep	3510C			537207	06/21/20 09:01	JMP	TAL BUF
Total/NA	Analysis	8270D SIM ID		1	537769	06/24/20 16:30	RJS	TAL BUF
Total/NA	Prep	3535			156144	06/24/20 15:02	ND	TAL BUR
Total/NA	Analysis	537 (modified)		1	156200	06/25/20 23:01	BWC	TAL BUR

Laboratory References:

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

TAL BUR = Eurofins TestAmerica, Burlington, 30 Community Drive, Suite 11, South Burlington, VT 05403, TEL (802)660-1990

Accreditation/Certification Summary

Client: O'Brien & Gere Inc of North America
Project/Site: Forest Glen Monitoring

Job ID: 480-171355-1

Laboratory: Eurofins TestAmerica, Buffalo

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

Authority	Program	Identification Number	Expiration Date
New York	NELAP	10026	04-02-21

Laboratory: Eurofins TestAmerica, Burlington

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

Authority	Program	Identification Number	Expiration Date
ANAB	Dept. of Defense ELAP	L2336	02-25-23
Connecticut	State	PH-0751	09-30-21
Florida	NELAP	E87467	06-30-20
Minnesota	NELAP	050-999-436	12-31-20
New Hampshire	NELAP	2006	12-18-20
New Jersey	NELAP	VT972	06-30-20
New York	NELAP	10391	04-01-21
Pennsylvania	NELAP	68-00489	04-30-21
Rhode Island	State	LAO00298	12-30-20
US Fish & Wildlife	US Federal Programs	058448	07-31-20
USDA	US Federal Programs	P330-17-00272	08-09-20
Vermont	State	VT4000	12-31-20
Virginia	NELAP	460209	12-14-20
Wisconsin	State	399133350	08-31-20

Method Summary

Client: O'Brien & Gere Inc of North America
Project/Site: Forest Glen Monitoring

Job ID: 480-171355-1

Method	Method Description	Protocol	Laboratory
8270D SIM ID	Semivolatile Organic Compounds (GC/MS SIM / Isotope Dilution)	SW846	TAL BUF
537 (modified)	Fluorinated Alkyl Substances	EPA	TAL BUR
3510C	Liquid-Liquid Extraction (Separatory Funnel)	SW846	TAL BUF
3535	Solid-Phase Extraction (SPE)	SW846	TAL BUR

Protocol References:

EPA = US Environmental Protection Agency

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

Laboratory References:

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

TAL BUR = Eurofins TestAmerica, Burlington, 30 Community Drive, Suite 11, South Burlington, VT 05403, TEL (802)660-1990

Sample Summary

Client: O'Brien & Gere Inc of North America
Project/Site: Forest Glen Monitoring

Job ID: 480-171355-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Asset ID
480-171355-1	EQUIPMENT BLANK 061620	Water	06/16/20 07:45	06/16/20 16:45	
480-171355-2	FIELD BLANK 061620	Water	06/16/20 08:00	06/16/20 16:45	
480-171355-3	MW1S 061620	Water	06/16/20 10:00	06/16/20 16:45	
480-171355-4	MW6DD 061620	Water	06/16/20 12:15	06/16/20 16:45	
480-171355-5	MW5S 061620	Water	06/16/20 15:00	06/16/20 16:45	
480-171355-6	X-1 061620	Water	06/16/20 00:00	06/16/20 16:45	

1

2

3

4

5

6

7

8

9

10

11

12

13

14

15

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

Chain of Custody Record

eurofins Environment Testing
 America



480-171355 Chain of Custody

Client Information (Sub Contract Lab) Client Contact: Schove, John R Shipping/Receiving: john.schove@testamericainc.com Company: TestAmerica Laboratories, Inc. Address: 30 Community Drive, Suite 11, South Burlington, VT, 05403 Phone: 802-660-1990(Tel) 802-660-1919(Fax) Email: Project Name: Forest Glen Monitoring Site:		Lab PM: Schove, John R E-Mail: john.schove@testamericainc.com State of Origin: New York Accreditations Required (See note): NELAP - New York						
Due Date Requested: 6/26/2020 TAT Requested (days): PO #: WO #: Project #: 48002808 SSOW#:		COC No: 480-56617.1 Page: Page 1 of 1 Job #: 480-171355-1 Preservation Codes: A - HCL B - NaOH C - Zn Acetate D - Nitric Acid E - NaHSO4 F - MeOH G - Anichlor H - Ascorbic Acid I - Ice J - DI Water K - EDTA L - EDA Other: 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 Z - other (specify)						
Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=wast, B=BT=BISSUB, A=AF)	Field Filtered Sample (Yes or No)	Performance MS/MSD (Yes or No)	Field Filtered Sample (Yes or No)	Special Instructions/Note:
EQUIPMENT BLANK 061620 (480-171355-1)	6/16/20	07:45 Eastern		Water	X	X		
FIELD BLANK 061620 (480-171355-2)	6/16/20	08:00 Eastern		Water	X	X		
MW1S 061620 (480-171355-3)	6/16/20	10:00 Eastern		Water	X	X		
MW1S 061620 (480-171355-3MS)	6/16/20	10:00 Eastern	MS	Water	X	X		
MW1S 061620 (480-171355-3MSD)	6/16/20	10:00 Eastern	MSD	Water	X	X		
MW6DD 061620 (480-171355-4)	6/16/20	12:15 Eastern		Water	X	X		
MW5S 061620 (480-171355-5)	6/16/20	15:00 Eastern		Water	X	X		
X-1 061620 (480-171355-6)	6/16/20	Eastern		Water	X	X		

Note: Since laboratory accreditations are subject to change, Eurofins TestAmerica places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chair-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/test/matrix being analyzed, the samples must be shipped back to the Eurofins TestAmerica laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins TestAmerica attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins TestAmerica.

Possible Hazard Identification
 Unconfirmed
 Deliverable Requested: I, II, III, IV, Other (specify)
 Primary Deliverable Rank: 2

Empty Kit Relinquished by: _____ Date: _____
 Relinquished by: _____ Date/Time: 6/18/20 17:00 Company: _____
 Relinquished by: _____ Date/Time: _____ Company: _____
 Relinquished by: _____ Date/Time: _____ Company: _____

Custody Seals Intact: Yes No
 Custody Seal No: 7098 1169 1174 119
 Cooler Temperature(s) °C and Other Remarks: 1.1, 2.6, 3.8

Received by: _____ Date/Time: 6/19/20 10:35 Company: TA BUA
 Received by: _____ Date/Time: _____ Company: _____
 Received by: _____ Date/Time: _____ 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
 Special Instructions/QC Requirements:

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



ORIGIN ID:DKKA (716) 691-2600
CHAR BRONSON
TEST AMERICA
10 HAZELWOOD

SHIP DATE: 18JUN20
ACTWGT: 59.75 LB
CAD: 846654/CAFE3313

AMHERST, NY 14228
UNITED STATES US

BILL RECIPIENT

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

(802) 680-1990
REF: TA BURLINGTON

ORIGIN ID:DKKA (716) 691-2600
CHAR BRONSON
TEST AMERICA
10 HAZELWOOD

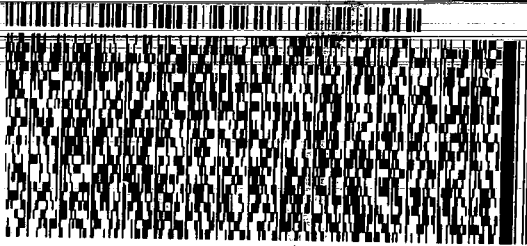
SHIP DATE: 18JUN20
ACTWGT: 36.25 LB
CAD: 846654/CAFE3313
DIMS: 26x15x14 IN

AMHERST, NY 14228
UNITED STATES US

BILL RECIPIENT

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

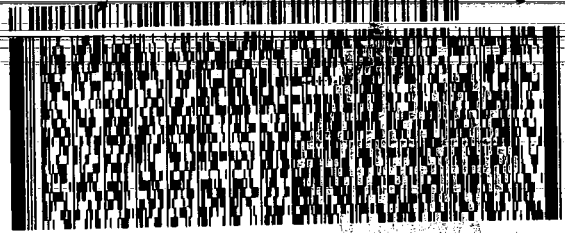
(802) 680-1990
REF: TA BURLINGTON



FedEx
Express



AN100290812161F



FedEx
Express



AN100290812161F

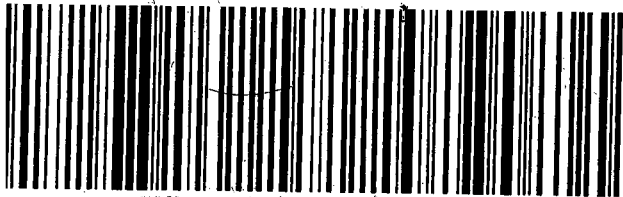
3 of 3
1888 3860 8563
tr# 1888 3860 8541

FRI - 19 JUN 10:30A
PRIORITY OVERNIGHT

0201

IL BTVA

05403
VT-US BTV

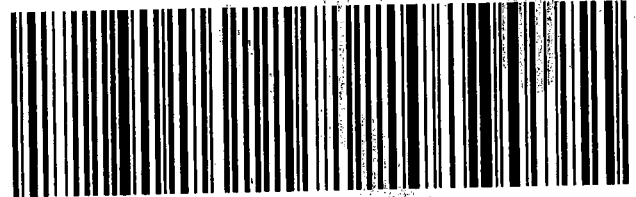


1 of 3
TRK# 1888 3860 8541
0201
MASTER

FRI - 19 JUN 10:30A
PRIORITY OVERNIGHT

NL BTVA

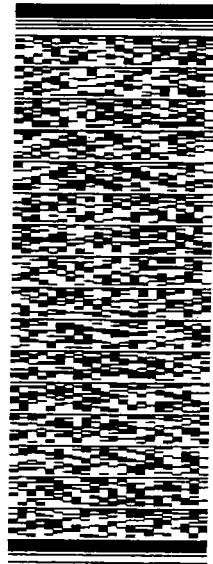
05403
VT-US BTV



NL BTVA

05403
VT-US BTV

2 of 3
MPS# 1888 3860 8552
0263
Mstr# 1888 3860 8541
0201
FRI - 19 JUN 10:30A
PRIORITY OVERNIGHT



FedEx
Express

J191219082001uv

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

(802) 680-1990
REF: TA BURLINGTON

ORIGIN ID:DKKA (716) 691-2600
CHAR BRONSON
TEST AMERICA
10 HAZELWOOD
AMHERST, NY 14228
UNITED STATES US

SHIP DATE: 18JUN20
ACTWGT: 59.75 LB
CAD: 846654/CAFE3313
DIMS: 26x15x14 IN
BILL RECIPIENT

565C1/C7DD/05A2

Login Sample Receipt Checklist

Client: O'Brien & Gere Inc of North America

Job Number: 480-171355-1

Login Number: 171355

List Source: Eurofins TestAmerica, 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	OBG
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: O'Brien & Gere Inc of North America

Job Number: 480-171355-1

Login Number: 171355

List Number: 2

Creator: Khudaier, Zahraa

List Source: Eurofins TestAmerica, Burlington

List Creation: 06/19/20 02:25 PM

Question	Answer	Comment
Radioactivity wasn't checked or is \leq background as measured by a survey meter.	N/A	Lab does not accept radioactive samples.
The cooler's custody seal, if present, is intact.	True	1208116, 1208117, 1208119
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	0.9°C, 2.4°C, 3.6°C
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?	N/A	Received project as a subcontract.
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	N/A	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <math><6\text{mm}</math> (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

ANALYTICAL REPORT

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

Laboratory Job ID: 480-171361-1
Client Project/Site: Forest Glen Monitoring

For:

O'Brien & Gere Inc of North America
333 West Washington St.
PO BOX 4873
East Syracuse, New York 13221

Attn: Mr. David J Carnevale



*Authorized for release by:
6/23/2020 1:38:27 PM*

Rebecca Jones, Project Management Assistant I
rebecca.jones@testamericainc.com

Designee for

John Schove, Project Manager II
(716)504-9838
john.schove@testamericainc.com

LINKS

Review your project
results through
TotalAccess

Have a Question?



Visit us at:

www.eurofinsus.com/Env

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

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

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



Table of Contents

Cover Page	1
Table of Contents	2
Definitions/Glossary	3
Case Narrative	4
Detection Summary	5
Client Sample Results	6
Surrogate Summary	17
QC Sample Results	18
QC Association Summary	21
Lab Chronicle	22
Certification Summary	24
Method Summary	25
Sample Summary	26
Chain of Custody	27
Receipt Checklists	28

Definitions/Glossary

Client: O'Brien & Gere Inc of North America
Project/Site: Forest Glen Monitoring

Job ID: 480-171361-1

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.
♠	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: 480-171361-1

Job ID: 480-171361-1

Laboratory: Eurofins TestAmerica, Buffalo

Narrative

**Job Narrative
480-171361-1**

Comments

No additional comments.

Receipt

The samples were received on 6/16/2020 4:45 PM; the samples arrived in good condition, and where required, properly preserved and on ice. The temperature of the cooler at receipt was 13.0° C.

GC/MS VOA

Method 8260C: The continuing calibration verification (CCVIS) associated with batch 480-537163 recovered above the upper control limit for Trichlorofluoromethane. The samples associated with this CCVIS were non-detects for the affected analytes; therefore, the data have been reported. The associated samples are impacted: MW1D 061620 (480-171361-1), MW1S 061620 (480-171361-2), MW6S 061620 (480-171361-3), MW6DD 061620 (480-171361-4), X-1 061620 (480-171361-5), MW6D 061620 (480-171361-6), MW5D 061620 (480-171361-7), MW5S 061620 (480-171361-8) and QC TRIP BLANKS (480-171361-9).

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: 480-171361-1

Client Sample ID: MW1D 061620

Lab Sample ID: 480-171361-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methyl tert-butyl ether	0.20	J	1.0	0.16	ug/L	1		8260C	Total/NA

Client Sample ID: MW1S 061620

Lab Sample ID: 480-171361-2

No Detections.

Client Sample ID: MW6S 061620

Lab Sample ID: 480-171361-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	23		1.0	0.81	ug/L	1		8260C	Total/NA
Vinyl chloride	34		1.0	0.90	ug/L	1		8260C	Total/NA

Client Sample ID: MW6DD 061620

Lab Sample ID: 480-171361-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	0.41	J	1.0	0.38	ug/L	1		8260C	Total/NA
cis-1,2-Dichloroethene	28		1.0	0.81	ug/L	1		8260C	Total/NA
Tetrachloroethene	0.37	J	1.0	0.36	ug/L	1		8260C	Total/NA
Trichloroethene	0.50	J	1.0	0.46	ug/L	1		8260C	Total/NA
Vinyl chloride	5.8		1.0	0.90	ug/L	1		8260C	Total/NA

Client Sample ID: X-1 061620

Lab Sample ID: 480-171361-5

No Detections.

Client Sample ID: MW6D 061620

Lab Sample ID: 480-171361-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	0.44	J	1.0	0.38	ug/L	1		8260C	Total/NA

Client Sample ID: MW5D 061620

Lab Sample ID: 480-171361-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	0.41	J	1.0	0.38	ug/L	1		8260C	Total/NA
Methyl tert-butyl ether	0.35	J	1.0	0.16	ug/L	1		8260C	Total/NA

Client Sample ID: MW5S 061620

Lab Sample ID: 480-171361-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1,1-Trichloroethane	5.0		1.0	0.82	ug/L	1		8260C	Total/NA
1,1-Dichloroethane	40		1.0	0.38	ug/L	1		8260C	Total/NA
1,1-Dichloroethene	4.3		1.0	0.29	ug/L	1		8260C	Total/NA
cis-1,2-Dichloroethene	48		1.0	0.81	ug/L	1		8260C	Total/NA
trans-1,2-Dichloroethene	2.3		1.0	0.90	ug/L	1		8260C	Total/NA
Trichloroethene	9.2		1.0	0.46	ug/L	1		8260C	Total/NA
Vinyl chloride	11		1.0	0.90	ug/L	1		8260C	Total/NA

Client Sample ID: QC TRIP BLANKS

Lab Sample ID: 480-171361-9

No Detections.

This Detection Summary does not include radiochemical test results.

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: O'Brien & Gere Inc of North America
 Project/Site: Forest Glen Monitoring

Job ID: 480-171361-1

Client Sample ID: MW1D 061620

Lab Sample ID: 480-171361-1

Date Collected: 06/16/20 09:40

Matrix: Water

Date Received: 06/16/20 16:45

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			06/20/20 12:36	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			06/20/20 12:36	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			06/20/20 12:36	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			06/20/20 12:36	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			06/20/20 12:36	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			06/20/20 12:36	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			06/20/20 12:36	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			06/20/20 12:36	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			06/20/20 12:36	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			06/20/20 12:36	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			06/20/20 12:36	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			06/20/20 12:36	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			06/20/20 12:36	1
2-Butanone (MEK)	ND		10	1.3	ug/L			06/20/20 12:36	1
2-Hexanone	ND		5.0	1.2	ug/L			06/20/20 12:36	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			06/20/20 12:36	1
Acetone	ND		10	3.0	ug/L			06/20/20 12:36	1
Benzene	ND		1.0	0.41	ug/L			06/20/20 12:36	1
Bromodichloromethane	ND		1.0	0.39	ug/L			06/20/20 12:36	1
Bromoform	ND		1.0	0.26	ug/L			06/20/20 12:36	1
Bromomethane	ND		1.0	0.69	ug/L			06/20/20 12:36	1
Carbon disulfide	ND		1.0	0.19	ug/L			06/20/20 12:36	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			06/20/20 12:36	1
Chlorobenzene	ND		1.0	0.75	ug/L			06/20/20 12:36	1
Dibromochloromethane	ND		1.0	0.32	ug/L			06/20/20 12:36	1
Chloroethane	ND		1.0	0.32	ug/L			06/20/20 12:36	1
Chloroform	ND		1.0	0.34	ug/L			06/20/20 12:36	1
Chloromethane	ND		1.0	0.35	ug/L			06/20/20 12:36	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			06/20/20 12:36	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			06/20/20 12:36	1
Cyclohexane	ND		1.0	0.18	ug/L			06/20/20 12:36	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			06/20/20 12:36	1
Ethylbenzene	ND		1.0	0.74	ug/L			06/20/20 12:36	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			06/20/20 12:36	1
Isopropylbenzene	ND		1.0	0.79	ug/L			06/20/20 12:36	1
Methyl acetate	ND		2.5	1.3	ug/L			06/20/20 12:36	1
Methyl tert-butyl ether	0.20	J	1.0	0.16	ug/L			06/20/20 12:36	1
Methylcyclohexane	ND		1.0	0.16	ug/L			06/20/20 12:36	1
Methylene Chloride	ND		1.0	0.44	ug/L			06/20/20 12:36	1
Styrene	ND		1.0	0.73	ug/L			06/20/20 12:36	1
Tetrachloroethene	ND		1.0	0.36	ug/L			06/20/20 12:36	1
Toluene	ND		1.0	0.51	ug/L			06/20/20 12:36	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			06/20/20 12:36	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			06/20/20 12:36	1
Trichloroethene	ND		1.0	0.46	ug/L			06/20/20 12:36	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			06/20/20 12:36	1
Vinyl chloride	ND		1.0	0.90	ug/L			06/20/20 12:36	1
Xylenes, Total	ND		2.0	0.66	ug/L			06/20/20 12:36	1

Client Sample Results

Client: O'Brien & Gere Inc of North America
Project/Site: Forest Glen Monitoring

Job ID: 480-171361-1

Client Sample ID: MW1D 061620

Lab Sample ID: 480-171361-1

Date Collected: 06/16/20 09:40

Matrix: Water

Date Received: 06/16/20 16:45

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	97		80 - 120		06/20/20 12:36	1
1,2-Dichloroethane-d4 (Surr)	113		77 - 120		06/20/20 12:36	1
4-Bromofluorobenzene (Surr)	104		73 - 120		06/20/20 12:36	1
Dibromofluoromethane (Surr)	111		75 - 123		06/20/20 12:36	1

Client Sample ID: MW1S 061620

Lab Sample ID: 480-171361-2

Date Collected: 06/16/20 10:00

Matrix: Water

Date Received: 06/16/20 16:45

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			06/20/20 12:59	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			06/20/20 12:59	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			06/20/20 12:59	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			06/20/20 12:59	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			06/20/20 12:59	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			06/20/20 12:59	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			06/20/20 12:59	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			06/20/20 12:59	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			06/20/20 12:59	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			06/20/20 12:59	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			06/20/20 12:59	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			06/20/20 12:59	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			06/20/20 12:59	1
2-Butanone (MEK)	ND		10	1.3	ug/L			06/20/20 12:59	1
2-Hexanone	ND		5.0	1.2	ug/L			06/20/20 12:59	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			06/20/20 12:59	1
Acetone	ND		10	3.0	ug/L			06/20/20 12:59	1
Benzene	ND		1.0	0.41	ug/L			06/20/20 12:59	1
Bromodichloromethane	ND		1.0	0.39	ug/L			06/20/20 12:59	1
Bromoform	ND		1.0	0.26	ug/L			06/20/20 12:59	1
Bromomethane	ND		1.0	0.69	ug/L			06/20/20 12:59	1
Carbon disulfide	ND		1.0	0.19	ug/L			06/20/20 12:59	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			06/20/20 12:59	1
Chlorobenzene	ND		1.0	0.75	ug/L			06/20/20 12:59	1
Dibromochloromethane	ND		1.0	0.32	ug/L			06/20/20 12:59	1
Chloroethane	ND		1.0	0.32	ug/L			06/20/20 12:59	1
Chloroform	ND		1.0	0.34	ug/L			06/20/20 12:59	1
Chloromethane	ND		1.0	0.35	ug/L			06/20/20 12:59	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			06/20/20 12:59	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			06/20/20 12:59	1
Cyclohexane	ND		1.0	0.18	ug/L			06/20/20 12:59	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			06/20/20 12:59	1
Ethylbenzene	ND		1.0	0.74	ug/L			06/20/20 12:59	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			06/20/20 12:59	1
Isopropylbenzene	ND		1.0	0.79	ug/L			06/20/20 12:59	1
Methyl acetate	ND		2.5	1.3	ug/L			06/20/20 12:59	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			06/20/20 12:59	1
Methylcyclohexane	ND		1.0	0.16	ug/L			06/20/20 12:59	1
Methylene Chloride	ND		1.0	0.44	ug/L			06/20/20 12:59	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: O'Brien & Gere Inc of North America
Project/Site: Forest Glen Monitoring

Job ID: 480-171361-1

Client Sample ID: MW1S 061620

Lab Sample ID: 480-171361-2

Date Collected: 06/16/20 10:00

Matrix: Water

Date Received: 06/16/20 16:45

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	ND		1.0	0.73	ug/L			06/20/20 12:59	1
Tetrachloroethene	ND		1.0	0.36	ug/L			06/20/20 12:59	1
Toluene	ND		1.0	0.51	ug/L			06/20/20 12:59	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			06/20/20 12:59	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			06/20/20 12:59	1
Trichloroethene	ND		1.0	0.46	ug/L			06/20/20 12:59	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			06/20/20 12:59	1
Vinyl chloride	ND		1.0	0.90	ug/L			06/20/20 12:59	1
Xylenes, Total	ND		2.0	0.66	ug/L			06/20/20 12:59	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	97		80 - 120					06/20/20 12:59	1
1,2-Dichloroethane-d4 (Surr)	114		77 - 120					06/20/20 12:59	1
4-Bromofluorobenzene (Surr)	104		73 - 120					06/20/20 12:59	1
Dibromofluoromethane (Surr)	111		75 - 123					06/20/20 12:59	1

Client Sample ID: MW6S 061620

Lab Sample ID: 480-171361-3

Date Collected: 06/16/20 11:50

Matrix: Water

Date Received: 06/16/20 16:45

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			06/20/20 13:23	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			06/20/20 13:23	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			06/20/20 13:23	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			06/20/20 13:23	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			06/20/20 13:23	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			06/20/20 13:23	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			06/20/20 13:23	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			06/20/20 13:23	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			06/20/20 13:23	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			06/20/20 13:23	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			06/20/20 13:23	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			06/20/20 13:23	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			06/20/20 13:23	1
2-Butanone (MEK)	ND		10	1.3	ug/L			06/20/20 13:23	1
2-Hexanone	ND		5.0	1.2	ug/L			06/20/20 13:23	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			06/20/20 13:23	1
Acetone	ND		10	3.0	ug/L			06/20/20 13:23	1
Benzene	ND		1.0	0.41	ug/L			06/20/20 13:23	1
Bromodichloromethane	ND		1.0	0.39	ug/L			06/20/20 13:23	1
Bromoform	ND		1.0	0.26	ug/L			06/20/20 13:23	1
Bromomethane	ND		1.0	0.69	ug/L			06/20/20 13:23	1
Carbon disulfide	ND		1.0	0.19	ug/L			06/20/20 13:23	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			06/20/20 13:23	1
Chlorobenzene	ND		1.0	0.75	ug/L			06/20/20 13:23	1
Dibromochloromethane	ND		1.0	0.32	ug/L			06/20/20 13:23	1
Chloroethane	ND		1.0	0.32	ug/L			06/20/20 13:23	1
Chloroform	ND		1.0	0.34	ug/L			06/20/20 13:23	1
Chloromethane	ND		1.0	0.35	ug/L			06/20/20 13:23	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: O'Brien & Gere Inc of North America
Project/Site: Forest Glen Monitoring

Job ID: 480-171361-1

Client Sample ID: MW6S 061620

Lab Sample ID: 480-171361-3

Date Collected: 06/16/20 11:50

Matrix: Water

Date Received: 06/16/20 16:45

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,2-Dichloroethene	23		1.0	0.81	ug/L			06/20/20 13:23	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			06/20/20 13:23	1
Cyclohexane	ND		1.0	0.18	ug/L			06/20/20 13:23	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			06/20/20 13:23	1
Ethylbenzene	ND		1.0	0.74	ug/L			06/20/20 13:23	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			06/20/20 13:23	1
Isopropylbenzene	ND		1.0	0.79	ug/L			06/20/20 13:23	1
Methyl acetate	ND		2.5	1.3	ug/L			06/20/20 13:23	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			06/20/20 13:23	1
Methylcyclohexane	ND		1.0	0.16	ug/L			06/20/20 13:23	1
Methylene Chloride	ND		1.0	0.44	ug/L			06/20/20 13:23	1
Styrene	ND		1.0	0.73	ug/L			06/20/20 13:23	1
Tetrachloroethene	ND		1.0	0.36	ug/L			06/20/20 13:23	1
Toluene	ND		1.0	0.51	ug/L			06/20/20 13:23	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			06/20/20 13:23	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			06/20/20 13:23	1
Trichloroethene	ND		1.0	0.46	ug/L			06/20/20 13:23	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			06/20/20 13:23	1
Vinyl chloride	34		1.0	0.90	ug/L			06/20/20 13:23	1
Xylenes, Total	ND		2.0	0.66	ug/L			06/20/20 13:23	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
<i>Toluene-d8 (Surr)</i>	98		80 - 120		06/20/20 13:23	1
<i>1,2-Dichloroethane-d4 (Surr)</i>	114		77 - 120		06/20/20 13:23	1
<i>4-Bromofluorobenzene (Surr)</i>	104		73 - 120		06/20/20 13:23	1
<i>Dibromofluoromethane (Surr)</i>	113		75 - 123		06/20/20 13:23	1

Client Sample ID: MW6DD 061620

Lab Sample ID: 480-171361-4

Date Collected: 06/16/20 12:15

Matrix: Water

Date Received: 06/16/20 16:45

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			06/20/20 13:46	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			06/20/20 13:46	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			06/20/20 13:46	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			06/20/20 13:46	1
1,1-Dichloroethane	0.41	J	1.0	0.38	ug/L			06/20/20 13:46	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			06/20/20 13:46	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			06/20/20 13:46	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			06/20/20 13:46	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			06/20/20 13:46	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			06/20/20 13:46	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			06/20/20 13:46	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			06/20/20 13:46	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			06/20/20 13:46	1
2-Butanone (MEK)	ND		10	1.3	ug/L			06/20/20 13:46	1
2-Hexanone	ND		5.0	1.2	ug/L			06/20/20 13:46	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			06/20/20 13:46	1
Acetone	ND		10	3.0	ug/L			06/20/20 13:46	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: O'Brien & Gere Inc of North America
Project/Site: Forest Glen Monitoring

Job ID: 480-171361-1

Client Sample ID: MW6DD 061620

Lab Sample ID: 480-171361-4

Date Collected: 06/16/20 12:15

Matrix: Water

Date Received: 06/16/20 16:45

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		1.0	0.41	ug/L			06/20/20 13:46	1
Bromodichloromethane	ND		1.0	0.39	ug/L			06/20/20 13:46	1
Bromoform	ND		1.0	0.26	ug/L			06/20/20 13:46	1
Bromomethane	ND		1.0	0.69	ug/L			06/20/20 13:46	1
Carbon disulfide	ND		1.0	0.19	ug/L			06/20/20 13:46	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			06/20/20 13:46	1
Chlorobenzene	ND		1.0	0.75	ug/L			06/20/20 13:46	1
Dibromochloromethane	ND		1.0	0.32	ug/L			06/20/20 13:46	1
Chloroethane	ND		1.0	0.32	ug/L			06/20/20 13:46	1
Chloroform	ND		1.0	0.34	ug/L			06/20/20 13:46	1
Chloromethane	ND		1.0	0.35	ug/L			06/20/20 13:46	1
cis-1,2-Dichloroethene	28		1.0	0.81	ug/L			06/20/20 13:46	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			06/20/20 13:46	1
Cyclohexane	ND		1.0	0.18	ug/L			06/20/20 13:46	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			06/20/20 13:46	1
Ethylbenzene	ND		1.0	0.74	ug/L			06/20/20 13:46	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			06/20/20 13:46	1
Isopropylbenzene	ND		1.0	0.79	ug/L			06/20/20 13:46	1
Methyl acetate	ND		2.5	1.3	ug/L			06/20/20 13:46	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			06/20/20 13:46	1
Methylcyclohexane	ND		1.0	0.16	ug/L			06/20/20 13:46	1
Methylene Chloride	ND		1.0	0.44	ug/L			06/20/20 13:46	1
Styrene	ND		1.0	0.73	ug/L			06/20/20 13:46	1
Tetrachloroethene	0.37 J		1.0	0.36	ug/L			06/20/20 13:46	1
Toluene	ND		1.0	0.51	ug/L			06/20/20 13:46	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			06/20/20 13:46	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			06/20/20 13:46	1
Trichloroethene	0.50 J		1.0	0.46	ug/L			06/20/20 13:46	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			06/20/20 13:46	1
Vinyl chloride	5.8		1.0	0.90	ug/L			06/20/20 13:46	1
Xylenes, Total	ND		2.0	0.66	ug/L			06/20/20 13:46	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	98		80 - 120		06/20/20 13:46	1
1,2-Dichloroethane-d4 (Surr)	115		77 - 120		06/20/20 13:46	1
4-Bromofluorobenzene (Surr)	105		73 - 120		06/20/20 13:46	1
Dibromofluoromethane (Surr)	111		75 - 123		06/20/20 13:46	1

Client Sample ID: X-1 061620

Lab Sample ID: 480-171361-5

Date Collected: 06/16/20 00:00

Matrix: Water

Date Received: 06/16/20 16:45

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			06/20/20 14:09	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			06/20/20 14:09	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			06/20/20 14:09	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			06/20/20 14:09	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			06/20/20 14:09	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			06/20/20 14:09	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: O'Brien & Gere Inc of North America
 Project/Site: Forest Glen Monitoring

Job ID: 480-171361-1

Client Sample ID: X-1 061620

Lab Sample ID: 480-171361-5

Date Collected: 06/16/20 00:00

Matrix: Water

Date Received: 06/16/20 16:45

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			06/20/20 14:09	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			06/20/20 14:09	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			06/20/20 14:09	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			06/20/20 14:09	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			06/20/20 14:09	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			06/20/20 14:09	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			06/20/20 14:09	1
2-Butanone (MEK)	ND		10	1.3	ug/L			06/20/20 14:09	1
2-Hexanone	ND		5.0	1.2	ug/L			06/20/20 14:09	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			06/20/20 14:09	1
Acetone	ND		10	3.0	ug/L			06/20/20 14:09	1
Benzene	ND		1.0	0.41	ug/L			06/20/20 14:09	1
Bromodichloromethane	ND		1.0	0.39	ug/L			06/20/20 14:09	1
Bromoform	ND		1.0	0.26	ug/L			06/20/20 14:09	1
Bromomethane	ND		1.0	0.69	ug/L			06/20/20 14:09	1
Carbon disulfide	ND		1.0	0.19	ug/L			06/20/20 14:09	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			06/20/20 14:09	1
Chlorobenzene	ND		1.0	0.75	ug/L			06/20/20 14:09	1
Dibromochloromethane	ND		1.0	0.32	ug/L			06/20/20 14:09	1
Chloroethane	ND		1.0	0.32	ug/L			06/20/20 14:09	1
Chloroform	ND		1.0	0.34	ug/L			06/20/20 14:09	1
Chloromethane	ND		1.0	0.35	ug/L			06/20/20 14:09	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			06/20/20 14:09	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			06/20/20 14:09	1
Cyclohexane	ND		1.0	0.18	ug/L			06/20/20 14:09	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			06/20/20 14:09	1
Ethylbenzene	ND		1.0	0.74	ug/L			06/20/20 14:09	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			06/20/20 14:09	1
Isopropylbenzene	ND		1.0	0.79	ug/L			06/20/20 14:09	1
Methyl acetate	ND		2.5	1.3	ug/L			06/20/20 14:09	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			06/20/20 14:09	1
Methylcyclohexane	ND		1.0	0.16	ug/L			06/20/20 14:09	1
Methylene Chloride	ND		1.0	0.44	ug/L			06/20/20 14:09	1
Styrene	ND		1.0	0.73	ug/L			06/20/20 14:09	1
Tetrachloroethene	ND		1.0	0.36	ug/L			06/20/20 14:09	1
Toluene	ND		1.0	0.51	ug/L			06/20/20 14:09	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			06/20/20 14:09	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			06/20/20 14:09	1
Trichloroethene	ND		1.0	0.46	ug/L			06/20/20 14:09	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			06/20/20 14:09	1
Vinyl chloride	ND		1.0	0.90	ug/L			06/20/20 14:09	1
Xylenes, Total	ND		2.0	0.66	ug/L			06/20/20 14:09	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	97		80 - 120		06/20/20 14:09	1
1,2-Dichloroethane-d4 (Surr)	111		77 - 120		06/20/20 14:09	1
4-Bromofluorobenzene (Surr)	106		73 - 120		06/20/20 14:09	1
Dibromofluoromethane (Surr)	110		75 - 123		06/20/20 14:09	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: O'Brien & Gere Inc of North America
 Project/Site: Forest Glen Monitoring

Job ID: 480-171361-1

Client Sample ID: MW6D 061620

Lab Sample ID: 480-171361-6

Date Collected: 06/16/20 13:05

Matrix: Water

Date Received: 06/16/20 16:45

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			06/20/20 14:33	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			06/20/20 14:33	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			06/20/20 14:33	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			06/20/20 14:33	1
1,1-Dichloroethane	0.44	J	1.0	0.38	ug/L			06/20/20 14:33	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			06/20/20 14:33	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			06/20/20 14:33	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			06/20/20 14:33	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			06/20/20 14:33	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			06/20/20 14:33	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			06/20/20 14:33	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			06/20/20 14:33	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			06/20/20 14:33	1
2-Butanone (MEK)	ND		10	1.3	ug/L			06/20/20 14:33	1
2-Hexanone	ND		5.0	1.2	ug/L			06/20/20 14:33	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			06/20/20 14:33	1
Acetone	ND		10	3.0	ug/L			06/20/20 14:33	1
Benzene	ND		1.0	0.41	ug/L			06/20/20 14:33	1
Bromodichloromethane	ND		1.0	0.39	ug/L			06/20/20 14:33	1
Bromoform	ND		1.0	0.26	ug/L			06/20/20 14:33	1
Bromomethane	ND		1.0	0.69	ug/L			06/20/20 14:33	1
Carbon disulfide	ND		1.0	0.19	ug/L			06/20/20 14:33	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			06/20/20 14:33	1
Chlorobenzene	ND		1.0	0.75	ug/L			06/20/20 14:33	1
Dibromochloromethane	ND		1.0	0.32	ug/L			06/20/20 14:33	1
Chloroethane	ND		1.0	0.32	ug/L			06/20/20 14:33	1
Chloroform	ND		1.0	0.34	ug/L			06/20/20 14:33	1
Chloromethane	ND		1.0	0.35	ug/L			06/20/20 14:33	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			06/20/20 14:33	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			06/20/20 14:33	1
Cyclohexane	ND		1.0	0.18	ug/L			06/20/20 14:33	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			06/20/20 14:33	1
Ethylbenzene	ND		1.0	0.74	ug/L			06/20/20 14:33	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			06/20/20 14:33	1
Isopropylbenzene	ND		1.0	0.79	ug/L			06/20/20 14:33	1
Methyl acetate	ND		2.5	1.3	ug/L			06/20/20 14:33	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			06/20/20 14:33	1
Methylcyclohexane	ND		1.0	0.16	ug/L			06/20/20 14:33	1
Methylene Chloride	ND		1.0	0.44	ug/L			06/20/20 14:33	1
Styrene	ND		1.0	0.73	ug/L			06/20/20 14:33	1
Tetrachloroethene	ND		1.0	0.36	ug/L			06/20/20 14:33	1
Toluene	ND		1.0	0.51	ug/L			06/20/20 14:33	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			06/20/20 14:33	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			06/20/20 14:33	1
Trichloroethene	ND		1.0	0.46	ug/L			06/20/20 14:33	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			06/20/20 14:33	1
Vinyl chloride	ND		1.0	0.90	ug/L			06/20/20 14:33	1
Xylenes, Total	ND		2.0	0.66	ug/L			06/20/20 14:33	1

Client Sample Results

Client: O'Brien & Gere Inc of North America
Project/Site: Forest Glen Monitoring

Job ID: 480-171361-1

Client Sample ID: MW6D 061620

Lab Sample ID: 480-171361-6

Date Collected: 06/16/20 13:05

Matrix: Water

Date Received: 06/16/20 16:45

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	98		80 - 120		06/20/20 14:33	1
1,2-Dichloroethane-d4 (Surr)	115		77 - 120		06/20/20 14:33	1
4-Bromofluorobenzene (Surr)	102		73 - 120		06/20/20 14:33	1
Dibromofluoromethane (Surr)	113		75 - 123		06/20/20 14:33	1

Client Sample ID: MW5D 061620

Lab Sample ID: 480-171361-7

Date Collected: 06/16/20 14:45

Matrix: Water

Date Received: 06/16/20 16:45

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			06/20/20 14:56	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			06/20/20 14:56	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			06/20/20 14:56	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			06/20/20 14:56	1
1,1-Dichloroethane	0.41	J	1.0	0.38	ug/L			06/20/20 14:56	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			06/20/20 14:56	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			06/20/20 14:56	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			06/20/20 14:56	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			06/20/20 14:56	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			06/20/20 14:56	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			06/20/20 14:56	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			06/20/20 14:56	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			06/20/20 14:56	1
2-Butanone (MEK)	ND		10	1.3	ug/L			06/20/20 14:56	1
2-Hexanone	ND		5.0	1.2	ug/L			06/20/20 14:56	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			06/20/20 14:56	1
Acetone	ND		10	3.0	ug/L			06/20/20 14:56	1
Benzene	ND		1.0	0.41	ug/L			06/20/20 14:56	1
Bromodichloromethane	ND		1.0	0.39	ug/L			06/20/20 14:56	1
Bromoform	ND		1.0	0.26	ug/L			06/20/20 14:56	1
Bromomethane	ND		1.0	0.69	ug/L			06/20/20 14:56	1
Carbon disulfide	ND		1.0	0.19	ug/L			06/20/20 14:56	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			06/20/20 14:56	1
Chlorobenzene	ND		1.0	0.75	ug/L			06/20/20 14:56	1
Dibromochloromethane	ND		1.0	0.32	ug/L			06/20/20 14:56	1
Chloroethane	ND		1.0	0.32	ug/L			06/20/20 14:56	1
Chloroform	ND		1.0	0.34	ug/L			06/20/20 14:56	1
Chloromethane	ND		1.0	0.35	ug/L			06/20/20 14:56	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			06/20/20 14:56	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			06/20/20 14:56	1
Cyclohexane	ND		1.0	0.18	ug/L			06/20/20 14:56	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			06/20/20 14:56	1
Ethylbenzene	ND		1.0	0.74	ug/L			06/20/20 14:56	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			06/20/20 14:56	1
Isopropylbenzene	ND		1.0	0.79	ug/L			06/20/20 14:56	1
Methyl acetate	ND		2.5	1.3	ug/L			06/20/20 14:56	1
Methyl tert-butyl ether	0.35	J	1.0	0.16	ug/L			06/20/20 14:56	1
Methylcyclohexane	ND		1.0	0.16	ug/L			06/20/20 14:56	1
Methylene Chloride	ND		1.0	0.44	ug/L			06/20/20 14:56	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: O'Brien & Gere Inc of North America
Project/Site: Forest Glen Monitoring

Job ID: 480-171361-1

Client Sample ID: MW5D 061620

Lab Sample ID: 480-171361-7

Date Collected: 06/16/20 14:45

Matrix: Water

Date Received: 06/16/20 16:45

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	ND		1.0	0.73	ug/L			06/20/20 14:56	1
Tetrachloroethene	ND		1.0	0.36	ug/L			06/20/20 14:56	1
Toluene	ND		1.0	0.51	ug/L			06/20/20 14:56	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			06/20/20 14:56	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			06/20/20 14:56	1
Trichloroethene	ND		1.0	0.46	ug/L			06/20/20 14:56	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			06/20/20 14:56	1
Vinyl chloride	ND		1.0	0.90	ug/L			06/20/20 14:56	1
Xylenes, Total	ND		2.0	0.66	ug/L			06/20/20 14:56	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	97		80 - 120					06/20/20 14:56	1
1,2-Dichloroethane-d4 (Surr)	116		77 - 120					06/20/20 14:56	1
4-Bromofluorobenzene (Surr)	103		73 - 120					06/20/20 14:56	1
Dibromofluoromethane (Surr)	112		75 - 123					06/20/20 14:56	1

Client Sample ID: MW5S 061620

Lab Sample ID: 480-171361-8

Date Collected: 06/16/20 15:00

Matrix: Water

Date Received: 06/16/20 16:45

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	5.0		1.0	0.82	ug/L			06/20/20 15:19	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			06/20/20 15:19	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			06/20/20 15:19	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			06/20/20 15:19	1
1,1-Dichloroethane	40		1.0	0.38	ug/L			06/20/20 15:19	1
1,1-Dichloroethene	4.3		1.0	0.29	ug/L			06/20/20 15:19	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			06/20/20 15:19	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			06/20/20 15:19	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			06/20/20 15:19	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			06/20/20 15:19	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			06/20/20 15:19	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			06/20/20 15:19	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			06/20/20 15:19	1
2-Butanone (MEK)	ND		10	1.3	ug/L			06/20/20 15:19	1
2-Hexanone	ND		5.0	1.2	ug/L			06/20/20 15:19	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			06/20/20 15:19	1
Acetone	ND		10	3.0	ug/L			06/20/20 15:19	1
Benzene	ND		1.0	0.41	ug/L			06/20/20 15:19	1
Bromodichloromethane	ND		1.0	0.39	ug/L			06/20/20 15:19	1
Bromoform	ND		1.0	0.26	ug/L			06/20/20 15:19	1
Bromomethane	ND		1.0	0.69	ug/L			06/20/20 15:19	1
Carbon disulfide	ND		1.0	0.19	ug/L			06/20/20 15:19	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			06/20/20 15:19	1
Chlorobenzene	ND		1.0	0.75	ug/L			06/20/20 15:19	1
Dibromochloromethane	ND		1.0	0.32	ug/L			06/20/20 15:19	1
Chloroethane	ND		1.0	0.32	ug/L			06/20/20 15:19	1
Chloroform	ND		1.0	0.34	ug/L			06/20/20 15:19	1
Chloromethane	ND		1.0	0.35	ug/L			06/20/20 15:19	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: O'Brien & Gere Inc of North America
Project/Site: Forest Glen Monitoring

Job ID: 480-171361-1

Client Sample ID: MW5S 061620

Lab Sample ID: 480-171361-8

Date Collected: 06/16/20 15:00

Matrix: Water

Date Received: 06/16/20 16:45

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,2-Dichloroethene	48		1.0	0.81	ug/L			06/20/20 15:19	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			06/20/20 15:19	1
Cyclohexane	ND		1.0	0.18	ug/L			06/20/20 15:19	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			06/20/20 15:19	1
Ethylbenzene	ND		1.0	0.74	ug/L			06/20/20 15:19	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			06/20/20 15:19	1
Isopropylbenzene	ND		1.0	0.79	ug/L			06/20/20 15:19	1
Methyl acetate	ND		2.5	1.3	ug/L			06/20/20 15:19	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			06/20/20 15:19	1
Methylcyclohexane	ND		1.0	0.16	ug/L			06/20/20 15:19	1
Methylene Chloride	ND		1.0	0.44	ug/L			06/20/20 15:19	1
Styrene	ND		1.0	0.73	ug/L			06/20/20 15:19	1
Tetrachloroethene	ND		1.0	0.36	ug/L			06/20/20 15:19	1
Toluene	ND		1.0	0.51	ug/L			06/20/20 15:19	1
trans-1,2-Dichloroethene	2.3		1.0	0.90	ug/L			06/20/20 15:19	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			06/20/20 15:19	1
Trichloroethene	9.2		1.0	0.46	ug/L			06/20/20 15:19	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			06/20/20 15:19	1
Vinyl chloride	11		1.0	0.90	ug/L			06/20/20 15:19	1
Xylenes, Total	ND		2.0	0.66	ug/L			06/20/20 15:19	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
<i>Toluene-d8 (Surr)</i>	96		80 - 120		06/20/20 15:19	1
<i>1,2-Dichloroethane-d4 (Surr)</i>	115		77 - 120		06/20/20 15:19	1
<i>4-Bromofluorobenzene (Surr)</i>	103		73 - 120		06/20/20 15:19	1
<i>Dibromofluoromethane (Surr)</i>	112		75 - 123		06/20/20 15:19	1

Client Sample ID: QC TRIP BLANKS

Lab Sample ID: 480-171361-9

Date Collected: 06/16/20 00:00

Matrix: Water

Date Received: 06/16/20 16:45

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			06/20/20 15:42	1
1,1,1,2-Tetrachloroethane	ND		1.0	0.21	ug/L			06/20/20 15:42	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			06/20/20 15:42	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			06/20/20 15:42	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			06/20/20 15:42	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			06/20/20 15:42	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			06/20/20 15:42	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			06/20/20 15:42	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			06/20/20 15:42	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			06/20/20 15:42	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			06/20/20 15:42	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			06/20/20 15:42	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			06/20/20 15:42	1
2-Butanone (MEK)	ND		10	1.3	ug/L			06/20/20 15:42	1
2-Hexanone	ND		5.0	1.2	ug/L			06/20/20 15:42	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			06/20/20 15:42	1
Acetone	ND		10	3.0	ug/L			06/20/20 15:42	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: O'Brien & Gere Inc of North America
 Project/Site: Forest Glen Monitoring

Job ID: 480-171361-1

Client Sample ID: QC TRIP BLANKS

Lab Sample ID: 480-171361-9

Date Collected: 06/16/20 00:00

Matrix: Water

Date Received: 06/16/20 16:45

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		1.0	0.41	ug/L			06/20/20 15:42	1
Bromodichloromethane	ND		1.0	0.39	ug/L			06/20/20 15:42	1
Bromoform	ND		1.0	0.26	ug/L			06/20/20 15:42	1
Bromomethane	ND		1.0	0.69	ug/L			06/20/20 15:42	1
Carbon disulfide	ND		1.0	0.19	ug/L			06/20/20 15:42	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			06/20/20 15:42	1
Chlorobenzene	ND		1.0	0.75	ug/L			06/20/20 15:42	1
Dibromochloromethane	ND		1.0	0.32	ug/L			06/20/20 15:42	1
Chloroethane	ND		1.0	0.32	ug/L			06/20/20 15:42	1
Chloroform	ND		1.0	0.34	ug/L			06/20/20 15:42	1
Chloromethane	ND		1.0	0.35	ug/L			06/20/20 15:42	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			06/20/20 15:42	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			06/20/20 15:42	1
Cyclohexane	ND		1.0	0.18	ug/L			06/20/20 15:42	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			06/20/20 15:42	1
Ethylbenzene	ND		1.0	0.74	ug/L			06/20/20 15:42	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			06/20/20 15:42	1
Isopropylbenzene	ND		1.0	0.79	ug/L			06/20/20 15:42	1
Methyl acetate	ND		2.5	1.3	ug/L			06/20/20 15:42	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			06/20/20 15:42	1
Methylcyclohexane	ND		1.0	0.16	ug/L			06/20/20 15:42	1
Methylene Chloride	ND		1.0	0.44	ug/L			06/20/20 15:42	1
Styrene	ND		1.0	0.73	ug/L			06/20/20 15:42	1
Tetrachloroethene	ND		1.0	0.36	ug/L			06/20/20 15:42	1
Toluene	ND		1.0	0.51	ug/L			06/20/20 15:42	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			06/20/20 15:42	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			06/20/20 15:42	1
Trichloroethene	ND		1.0	0.46	ug/L			06/20/20 15:42	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			06/20/20 15:42	1
Vinyl chloride	ND		1.0	0.90	ug/L			06/20/20 15:42	1
Xylenes, Total	ND		2.0	0.66	ug/L			06/20/20 15:42	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	98		80 - 120		06/20/20 15:42	1
1,2-Dichloroethane-d4 (Surr)	118		77 - 120		06/20/20 15:42	1
4-Bromofluorobenzene (Surr)	105		73 - 120		06/20/20 15:42	1
Dibromofluoromethane (Surr)	114		75 - 123		06/20/20 15:42	1

Surrogate Summary

Client: O'Brien & Gere Inc of North America
Project/Site: Forest Glen Monitoring

Job ID: 480-171361-1

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

Matrix: Water

Prep Type: Total/NA

Percent Surrogate Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	TOL	DCA	BFB	DBFM
		(80-120)	(77-120)	(73-120)	(75-123)
480-171361-1	MW1D 061620	97	113	104	111
480-171361-2	MW1S 061620	97	114	104	111
480-171361-3	MW6S 061620	98	114	104	113
480-171361-4	MW6DD 061620	98	115	105	111
480-171361-5	X-1 061620	97	111	106	110
480-171361-6	MW6D 061620	98	115	102	113
480-171361-7	MW5D 061620	97	116	103	112
480-171361-8	MW5S 061620	96	115	103	112
480-171361-9	QC TRIP BLANKS	98	118	105	114
LCS 480-537163/5	Lab Control Sample	99	108	108	108
MB 480-537163/7	Method Blank	97	113	104	111

Surrogate Legend

TOL = Toluene-d8 (Surr)

DCA = 1,2-Dichloroethane-d4 (Surr)

BFB = 4-Bromofluorobenzene (Surr)

DBFM = Dibromofluoromethane (Surr)

QC Sample Results

Client: O'Brien & Gere Inc of North America
 Project/Site: Forest Glen Monitoring

Job ID: 480-171361-1

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

Lab Sample ID: MB 480-537163/7
Matrix: Water
Analysis Batch: 537163

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			06/20/20 10:32	1
1,1,1,2-Tetrachloroethane	ND		1.0	0.21	ug/L			06/20/20 10:32	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			06/20/20 10:32	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			06/20/20 10:32	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			06/20/20 10:32	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			06/20/20 10:32	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			06/20/20 10:32	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			06/20/20 10:32	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			06/20/20 10:32	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			06/20/20 10:32	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			06/20/20 10:32	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			06/20/20 10:32	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			06/20/20 10:32	1
2-Butanone (MEK)	ND		10	1.3	ug/L			06/20/20 10:32	1
2-Hexanone	ND		5.0	1.2	ug/L			06/20/20 10:32	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			06/20/20 10:32	1
Acetone	ND		10	3.0	ug/L			06/20/20 10:32	1
Benzene	ND		1.0	0.41	ug/L			06/20/20 10:32	1
Bromodichloromethane	ND		1.0	0.39	ug/L			06/20/20 10:32	1
Bromoform	ND		1.0	0.26	ug/L			06/20/20 10:32	1
Bromomethane	ND		1.0	0.69	ug/L			06/20/20 10:32	1
Carbon disulfide	ND		1.0	0.19	ug/L			06/20/20 10:32	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			06/20/20 10:32	1
Chlorobenzene	ND		1.0	0.75	ug/L			06/20/20 10:32	1
Dibromochloromethane	ND		1.0	0.32	ug/L			06/20/20 10:32	1
Chloroethane	ND		1.0	0.32	ug/L			06/20/20 10:32	1
Chloroform	ND		1.0	0.34	ug/L			06/20/20 10:32	1
Chloromethane	ND		1.0	0.35	ug/L			06/20/20 10:32	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			06/20/20 10:32	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			06/20/20 10:32	1
Cyclohexane	ND		1.0	0.18	ug/L			06/20/20 10:32	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			06/20/20 10:32	1
Ethylbenzene	ND		1.0	0.74	ug/L			06/20/20 10:32	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			06/20/20 10:32	1
Isopropylbenzene	ND		1.0	0.79	ug/L			06/20/20 10:32	1
Methyl acetate	ND		2.5	1.3	ug/L			06/20/20 10:32	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			06/20/20 10:32	1
Methylcyclohexane	ND		1.0	0.16	ug/L			06/20/20 10:32	1
Methylene Chloride	ND		1.0	0.44	ug/L			06/20/20 10:32	1
Styrene	ND		1.0	0.73	ug/L			06/20/20 10:32	1
Tetrachloroethene	ND		1.0	0.36	ug/L			06/20/20 10:32	1
Toluene	ND		1.0	0.51	ug/L			06/20/20 10:32	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			06/20/20 10:32	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			06/20/20 10:32	1
Trichloroethene	ND		1.0	0.46	ug/L			06/20/20 10:32	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			06/20/20 10:32	1
Vinyl chloride	ND		1.0	0.90	ug/L			06/20/20 10:32	1
Xylenes, Total	ND		2.0	0.66	ug/L			06/20/20 10:32	1

Eurofins TestAmerica, Buffalo

QC Sample Results

Client: O'Brien & Gere Inc of North America
 Project/Site: Forest Glen Monitoring

Job ID: 480-171361-1

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

Lab Sample ID: MB 480-537163/7
Matrix: Water
Analysis Batch: 537163

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

Surrogate	MB MB		Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
Toluene-d8 (Surr)	97		80 - 120		06/20/20 10:32	1
1,2-Dichloroethane-d4 (Surr)	113		77 - 120		06/20/20 10:32	1
4-Bromofluorobenzene (Surr)	104		73 - 120		06/20/20 10:32	1
Dibromofluoromethane (Surr)	111		75 - 123		06/20/20 10:32	1

Lab Sample ID: LCS 480-537163/5
Matrix: Water
Analysis Batch: 537163

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	27.6		ug/L		110	73 - 126
1,1,1,2-Tetrachloroethane	25.0	23.3		ug/L		93	76 - 120
1,1,2-Trichloroethane	25.0	23.5		ug/L		94	76 - 122
1,1,2-Trichloro-1,2,2-trifluoroethane	25.0	23.8		ug/L		95	61 - 148
1,1-Dichloroethane	25.0	23.3		ug/L		93	77 - 120
1,1-Dichloroethene	25.0	23.0		ug/L		92	66 - 127
1,2,4-Trichlorobenzene	25.0	24.4		ug/L		97	79 - 122
1,2-Dibromo-3-Chloropropane	25.0	26.5		ug/L		106	56 - 134
1,2-Dichlorobenzene	25.0	23.6		ug/L		94	80 - 124
1,2-Dichloroethane	25.0	28.1		ug/L		113	75 - 120
1,2-Dichloropropane	25.0	22.6		ug/L		91	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-Butanone (MEK)	125	132		ug/L		106	57 - 140
2-Hexanone	125	131		ug/L		105	65 - 127
4-Methyl-2-pentanone (MIBK)	125	127		ug/L		102	71 - 125
Acetone	125	156		ug/L		125	56 - 142
Benzene	25.0	22.5		ug/L		90	71 - 124
Bromodichloromethane	25.0	27.3		ug/L		109	80 - 122
Bromoform	25.0	29.5		ug/L		118	61 - 132
Bromomethane	25.0	27.1		ug/L		109	55 - 144
Carbon disulfide	25.0	22.4		ug/L		90	59 - 134
Carbon tetrachloride	25.0	28.0		ug/L		112	72 - 134
Chlorobenzene	25.0	23.1		ug/L		92	80 - 120
Dibromochloromethane	25.0	27.7		ug/L		111	75 - 125
Chloroethane	25.0	25.9		ug/L		104	69 - 136
Chloroform	25.0	25.2		ug/L		101	73 - 127
Chloromethane	25.0	23.1		ug/L		92	68 - 124
cis-1,2-Dichloroethene	25.0	24.1		ug/L		96	74 - 124
cis-1,3-Dichloropropene	25.0	25.3		ug/L		101	74 - 124
Cyclohexane	25.0	22.1		ug/L		89	59 - 135
Dichlorodifluoromethane	25.0	27.0		ug/L		108	59 - 135
Ethylbenzene	25.0	23.3		ug/L		93	77 - 123
1,2-Dibromoethane	25.0	25.8		ug/L		103	77 - 120
Isopropylbenzene	25.0	22.9		ug/L		92	77 - 122
Methyl acetate	50.0	49.6		ug/L		99	74 - 133
Methyl tert-butyl ether	25.0	26.3		ug/L		105	77 - 120
Methylcyclohexane	25.0	22.1		ug/L		88	68 - 134

Eurofins TestAmerica, Buffalo

QC Sample Results

Client: O'Brien & Gere Inc of North America
 Project/Site: Forest Glen Monitoring

Job ID: 480-171361-1

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

Lab Sample ID: LCS 480-537163/5

Matrix: Water

Analysis Batch: 537163

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	22.9		ug/L		91	75 - 124
Styrene	25.0	24.5		ug/L		98	80 - 120
Tetrachloroethene	25.0	23.8		ug/L		95	74 - 122
Toluene	25.0	22.1		ug/L		88	80 - 122
trans-1,2-Dichloroethene	25.0	23.2		ug/L		93	73 - 127
trans-1,3-Dichloropropene	25.0	26.2		ug/L		105	80 - 120
Trichloroethene	25.0	23.9		ug/L		96	74 - 123
Trichlorofluoromethane	25.0	30.7		ug/L		123	62 - 150
Vinyl chloride	25.0	24.7		ug/L		99	65 - 133

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

QC Association Summary

Client: O'Brien & Gere Inc of North America
Project/Site: Forest Glen Monitoring

Job ID: 480-171361-1

GC/MS VOA

Analysis Batch: 537163

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-171361-1	MW1D 061620	Total/NA	Water	8260C	
480-171361-2	MW1S 061620	Total/NA	Water	8260C	
480-171361-3	MW6S 061620	Total/NA	Water	8260C	
480-171361-4	MW6DD 061620	Total/NA	Water	8260C	
480-171361-5	X-1 061620	Total/NA	Water	8260C	
480-171361-6	MW6D 061620	Total/NA	Water	8260C	
480-171361-7	MW5D 061620	Total/NA	Water	8260C	
480-171361-8	MW5S 061620	Total/NA	Water	8260C	
480-171361-9	QC TRIP BLANKS	Total/NA	Water	8260C	
MB 480-537163/7	Method Blank	Total/NA	Water	8260C	
LCS 480-537163/5	Lab Control Sample	Total/NA	Water	8260C	

Lab Chronicle

Client: O'Brien & Gere Inc of North America
Project/Site: Forest Glen Monitoring

Job ID: 480-171361-1

Client Sample ID: MW1D 061620

Date Collected: 06/16/20 09:40

Date Received: 06/16/20 16:45

Lab Sample ID: 480-171361-1

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	537163	06/20/20 12:36	WJD	TAL BUF

Client Sample ID: MW1S 061620

Date Collected: 06/16/20 10:00

Date Received: 06/16/20 16:45

Lab Sample ID: 480-171361-2

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	537163	06/20/20 12:59	WJD	TAL BUF

Client Sample ID: MW6S 061620

Date Collected: 06/16/20 11:50

Date Received: 06/16/20 16:45

Lab Sample ID: 480-171361-3

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	537163	06/20/20 13:23	WJD	TAL BUF

Client Sample ID: MW6DD 061620

Date Collected: 06/16/20 12:15

Date Received: 06/16/20 16:45

Lab Sample ID: 480-171361-4

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	537163	06/20/20 13:46	WJD	TAL BUF

Client Sample ID: X-1 061620

Date Collected: 06/16/20 00:00

Date Received: 06/16/20 16:45

Lab Sample ID: 480-171361-5

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	537163	06/20/20 14:09	WJD	TAL BUF

Client Sample ID: MW6D 061620

Date Collected: 06/16/20 13:05

Date Received: 06/16/20 16:45

Lab Sample ID: 480-171361-6

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	537163	06/20/20 14:33	WJD	TAL BUF

Client Sample ID: MW5D 061620

Date Collected: 06/16/20 14:45

Date Received: 06/16/20 16:45

Lab Sample ID: 480-171361-7

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	537163	06/20/20 14:56	WJD	TAL BUF

Eurofins TestAmerica, Buffalo

Lab Chronicle

Client: O'Brien & Gere Inc of North America
Project/Site: Forest Glen Monitoring

Job ID: 480-171361-1

Client Sample ID: MW5S 061620

Date Collected: 06/16/20 15:00

Date Received: 06/16/20 16:45

Lab Sample ID: 480-171361-8

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	537163	06/20/20 15:19	WJD	TAL BUF

Client Sample ID: QC TRIP BLANKS

Date Collected: 06/16/20 00:00

Date Received: 06/16/20 16:45

Lab Sample ID: 480-171361-9

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	537163	06/20/20 15:42	WJD	TAL BUF

Laboratory References:

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

Accreditation/Certification Summary

Client: O'Brien & Gere Inc of North America
Project/Site: Forest Glen Monitoring

Job ID: 480-171361-1

Laboratory: Eurofins TestAmerica, Buffalo

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

Authority	Program	Identification Number	Expiration Date
New York	NELAP	10026	04-02-21

1

2

3

4

5

6

7

8

9

10

11

12

13

14

15

Method Summary

Client: O'Brien & Gere Inc of North America
Project/Site: Forest Glen Monitoring

Job ID: 480-171361-1

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

Protocol References:

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

Laboratory References:

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



Sample Summary

Client: O'Brien & Gere Inc of North America
Project/Site: Forest Glen Monitoring

Job ID: 480-171361-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Asset ID
480-171361-1	MW1D 061620	Water	06/16/20 09:40	06/16/20 16:45	
480-171361-2	MW1S 061620	Water	06/16/20 10:00	06/16/20 16:45	
480-171361-3	MW6S 061620	Water	06/16/20 11:50	06/16/20 16:45	
480-171361-4	MW6DD 061620	Water	06/16/20 12:15	06/16/20 16:45	
480-171361-5	X-1 061620	Water	06/16/20 00:00	06/16/20 16:45	
480-171361-6	MW6D 061620	Water	06/16/20 13:05	06/16/20 16:45	
480-171361-7	MW5D 061620	Water	06/16/20 14:45	06/16/20 16:45	
480-171361-8	MW5S 061620	Water	06/16/20 15:00	06/16/20 16:45	
480-171361-9	QC TRIP BLANKS	Water	06/16/20 00:00	06/16/20 16:45	

Chain of Custody Record

Client Information Client Contact: Mr. Yuri Veliz 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@ramboll.com Project Name: Forest Glen Monitoring Site:		Lab PM: Schove, John R E-Mail: john.schove@testamericainc.com Carrier Tracking No(s): Job #:		COC No: 480-147001-26531.1 Page: Page 1 of 3 Job #:	
Due Date Requested: TAT Requested (days): PO #: 91902546 WO #:		Analysis Requested Preservation Codes: A - HCL B - NaOH C - Zn Acetate D - Nitric Acid E - NaHSO4 F - MeOH G - Uracil M - Hexane N - None O - AsNaO2 P - Na2O4S Q - Na2SO3 R - Na2S2O3 S - Uracil hydrate y)		Barcode 480-171361 Chain of Custody	
Sample Identification MW1D 061620 MW1S 061620 MW6S 061620 MW6DD 061620 X-1 061620 MW6D 061620 MW5D 061620 MW5S 061620 QC Trip Blanks		Field Filtered Sample (Yes or No) Perform MS/MSD (Yes or No) 826C - TCL Volatiles A 3 3 3 3 3 3 3 3 2		Special Instructions/Note: Total Num	
Sample Date 6-16-20 6-16-20 6-16-20 6-16-20 6-16-20 6-16-20 6-16-20 6-16-20		Sample Time 9:40 10:00 11:50 12:15 --- 13:05 14:45 15:00		Matrix (W=water, S=solid, O=wastewater, BT=BIOTISSUE, A=Air) Water Water Water Water Water Water Water Water Water Water	
Possible Hazard Identification <input type="checkbox"/> Non-Hazard <input type="checkbox"/> Flammable <input type="checkbox"/> Skin Irritant <input type="checkbox"/> Poison B <input type="checkbox"/> Unknown <input type="checkbox"/> Radiological		Sample Disposal (A fee may be assessed if samples are retained longer than 1 month) <input type="checkbox"/> Return To Client <input type="checkbox"/> Disposal By Lab <input type="checkbox"/> Archive For _____ Months		Special Instructions/QC Requirements:	
Empty Kit Relinquished by: Relinquished by: <i>M. Veliz</i> Relinquished by:		Date: Date/Time: 6-16-20 / 16:45 Date/Time:		Method of Shipment: Received by: <i>John Schove</i> Date/Time: 6/16/20 16:45 Company: OBG Received by:	
Custody Seals Intact: Δ Yes Δ No		Cooler Temperature(s) °C and Other Remarks: 13.0 #1 ICE		Ver: 01/16/2019	



Login Sample Receipt Checklist

Client: O'Brien & Gere Inc of North America

Job Number: 480-171361-1

Login Number: 171361

List Number: 1

Creator: Kolb, Chris M

List Source: Eurofins TestAmerica, Buffalo

Question	Answer	Comment
Radioactivity either was not measured or, if measured, is at or below background	True	
The cooler's custody seal, if present, is intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
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	OBG
Samples received within 48 hours of sampling.	True	
Samples requiring field filtration have been filtered in the field.	True	
Chlorine Residual checked.	N/A	



ANALYTICAL REPORT

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

Laboratory Job ID: 480-171390-1
Client Project/Site: Forest Glen Monitoring

For:
O'Brien & Gere Inc of North America
333 West Washington St.
PO BOX 4873
East Syracuse, New York 13221

Attn: Mr. David J Carnevale



Authorized for release by:
6/25/2020 3:35:43 PM
Rebecca Jones, Project Management Assistant I
rebecca.jones@testamericainc.com

Designee for
John Schove, Project Manager II
(716)504-9838
john.schove@testamericainc.com

LINKS

Review your project
results through
TotalAccess

Have a Question?



Visit us at:
www.eurofinsus.com/Env

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

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

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



Table of Contents

Cover Page	1
Table of Contents	2
Definitions/Glossary	3
Case Narrative	4
Detection Summary	5
Client Sample Results	6
Surrogate Summary	20
QC Sample Results	21
QC Association Summary	26
Lab Chronicle	27
Certification Summary	29
Method Summary	30
Sample Summary	31
Chain of Custody	32
Receipt Checklists	34

Definitions/Glossary

Client: O'Brien & Gere Inc of North America
Project/Site: Forest Glen Monitoring

Job ID: 480-171390-1

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
F1	MS and/or MSD recovery exceeds control limits.
F2	MS/MSD RPD exceeds control limits
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Glossary

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

Case Narrative

Client: O'Brien & Gere Inc of North America
Project/Site: Forest Glen Monitoring

Job ID: 480-171390-1

Job ID: 480-171390-1

Laboratory: Eurofins TestAmerica, Buffalo

Narrative

Job Narrative
480-171390-1

Comments

No additional comments.

Receipt

The samples were received on 6/18/2020 11:10 AM; the samples arrived in good condition, and where required, properly preserved and on ice. The temperature of the cooler at receipt was 5.7° C.

GC/MS VOA

Method 8260C: The matrix spike duplicate (MSD) precision for analytical batch 480-537243 was outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) precision was within acceptance limits. The associated sample is: MW8DMSD061720 (480-171390-1[MSD]).

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



Detection Summary

Client: O'Brien & Gere Inc of North America
Project/Site: Forest Glen Monitoring

Job ID: 480-171390-1

Client Sample ID: MW8D061720

Lab Sample ID: 480-171390-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	0.47	J F2	1.0	0.38	ug/L	1		8260C	Total/NA

Client Sample ID: MW8DD061720

Lab Sample ID: 480-171390-4

No Detections.

Client Sample ID: MW7D061720

Lab Sample ID: 480-171390-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Tetrachloroethene	0.44	J	1.0	0.36	ug/L	1		8260C	Total/NA
Trichloroethene	1.1		1.0	0.46	ug/L	1		8260C	Total/NA

Client Sample ID: MW7S061720

Lab Sample ID: 480-171390-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Trichloroethene	0.92	J	1.0	0.46	ug/L	1		8260C	Total/NA

Client Sample ID: MW4S061720

Lab Sample ID: 480-171390-7

No Detections.

Client Sample ID: MW10D061720

Lab Sample ID: 480-171390-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methyl tert-butyl ether	0.26	J	1.0	0.16	ug/L	1		8260C	Total/NA

Client Sample ID: MW4D061720

Lab Sample ID: 480-171390-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methyl tert-butyl ether	0.41	J	1.0	0.16	ug/L	1		8260C	Total/NA

Client Sample ID: MW10S061720

Lab Sample ID: 480-171390-10

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	40		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	6.4		1.0	0.90	ug/L	1		8260C	Total/NA

Client Sample ID: Trip Blank

Lab Sample ID: 480-171390-11

No Detections.

Client Sample ID: MW8S061720

Lab Sample ID: 480-171390-12

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	2.0		1.0	0.81	ug/L	1		8260C	Total/NA
Trichloroethene	1.9		1.0	0.46	ug/L	1		8260C	Total/NA

Client Sample ID: MW7DD061720

Lab Sample ID: 480-171390-13

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

This Detection Summary does not include radiochemical test results.

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: O'Brien & Gere Inc of North America
 Project/Site: Forest Glen Monitoring

Job ID: 480-171390-1

Client Sample ID: MW8D061720

Lab Sample ID: 480-171390-1

Date Collected: 06/17/20 09:00

Matrix: Water

Date Received: 06/18/20 11:10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND	F2	1.0	0.82	ug/L			06/22/20 14:31	1
1,1,1,2-Tetrachloroethane	ND	F2	1.0	0.21	ug/L			06/22/20 14:31	1
1,1,2-Trichloroethane	ND	F2	1.0	0.23	ug/L			06/22/20 14:31	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			06/22/20 14:31	1
1,1-Dichloroethane	0.47	J F2	1.0	0.38	ug/L			06/22/20 14:31	1
1,1-Dichloroethene	ND	F2	1.0	0.29	ug/L			06/22/20 14:31	1
1,2,4-Trichlorobenzene	ND	F2	1.0	0.41	ug/L			06/22/20 14:31	1
1,2-Dibromo-3-Chloropropane	ND	F2	1.0	0.39	ug/L			06/22/20 14:31	1
1,2-Dichlorobenzene	ND	F2	1.0	0.79	ug/L			06/22/20 14:31	1
1,2-Dichloroethane	ND	F2	1.0	0.21	ug/L			06/22/20 14:31	1
1,2-Dichloropropane	ND	F2	1.0	0.72	ug/L			06/22/20 14:31	1
1,3-Dichlorobenzene	ND	F2	1.0	0.78	ug/L			06/22/20 14:31	1
1,4-Dichlorobenzene	ND	F2	1.0	0.84	ug/L			06/22/20 14:31	1
2-Butanone (MEK)	ND	F2	10	1.3	ug/L			06/22/20 14:31	1
2-Hexanone	ND	F2	5.0	1.2	ug/L			06/22/20 14:31	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			06/22/20 14:31	1
Acetone	ND	F2	10	3.0	ug/L			06/22/20 14:31	1
Benzene	ND	F2	1.0	0.41	ug/L			06/22/20 14:31	1
Bromodichloromethane	ND	F2	1.0	0.39	ug/L			06/22/20 14:31	1
Bromoform	ND	F2	1.0	0.26	ug/L			06/22/20 14:31	1
Bromomethane	ND		1.0	0.69	ug/L			06/22/20 14:31	1
Carbon disulfide	ND	F2	1.0	0.19	ug/L			06/22/20 14:31	1
Carbon tetrachloride	ND	F2	1.0	0.27	ug/L			06/22/20 14:31	1
Chlorobenzene	ND	F2	1.0	0.75	ug/L			06/22/20 14:31	1
Dibromochloromethane	ND	F2	1.0	0.32	ug/L			06/22/20 14:31	1
Chloroethane	ND		1.0	0.32	ug/L			06/22/20 14:31	1
Chloroform	ND	F2	1.0	0.34	ug/L			06/22/20 14:31	1
Chloromethane	ND		1.0	0.35	ug/L			06/22/20 14:31	1
cis-1,2-Dichloroethene	ND	F2	1.0	0.81	ug/L			06/22/20 14:31	1
cis-1,3-Dichloropropene	ND	F2	1.0	0.36	ug/L			06/22/20 14:31	1
Cyclohexane	ND	F2	1.0	0.18	ug/L			06/22/20 14:31	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			06/22/20 14:31	1
Ethylbenzene	ND	F2	1.0	0.74	ug/L			06/22/20 14:31	1
1,2-Dibromoethane	ND	F1 F2	1.0	0.73	ug/L			06/22/20 14:31	1
Isopropylbenzene	ND	F2	1.0	0.79	ug/L			06/22/20 14:31	1
Methyl acetate	ND	F2	2.5	1.3	ug/L			06/22/20 14:31	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			06/22/20 14:31	1
Methylcyclohexane	ND		1.0	0.16	ug/L			06/22/20 14:31	1
Methylene Chloride	ND	F2	1.0	0.44	ug/L			06/22/20 14:31	1
Styrene	ND	F1 F2	1.0	0.73	ug/L			06/22/20 14:31	1
Tetrachloroethene	ND	F2	1.0	0.36	ug/L			06/22/20 14:31	1
Toluene	ND	F2	1.0	0.51	ug/L			06/22/20 14:31	1
trans-1,2-Dichloroethene	ND	F2	1.0	0.90	ug/L			06/22/20 14:31	1
trans-1,3-Dichloropropene	ND	F2	1.0	0.37	ug/L			06/22/20 14:31	1
Trichloroethene	ND	F2	1.0	0.46	ug/L			06/22/20 14:31	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			06/22/20 14:31	1
Vinyl chloride	ND		1.0	0.90	ug/L			06/22/20 14:31	1
Xylenes, Total	ND	F2	2.0	0.66	ug/L			06/22/20 14:31	1

Client Sample Results

Client: O'Brien & Gere Inc of North America
 Project/Site: Forest Glen Monitoring

Job ID: 480-171390-1

Client Sample ID: MW8D061720

Lab Sample ID: 480-171390-1

Date Collected: 06/17/20 09:00

Matrix: Water

Date Received: 06/18/20 11:10

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	95		80 - 120		06/22/20 14:31	1
1,2-Dichloroethane-d4 (Surr)	100		77 - 120		06/22/20 14:31	1
4-Bromofluorobenzene (Surr)	101		73 - 120		06/22/20 14:31	1
Dibromofluoromethane (Surr)	99		75 - 123		06/22/20 14:31	1

Client Sample ID: MW8DD061720

Lab Sample ID: 480-171390-4

Date Collected: 06/17/20 09:15

Matrix: Water

Date Received: 06/18/20 11:10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			06/22/20 14:55	1
1,1,1,2-Tetrachloroethane	ND		1.0	0.21	ug/L			06/22/20 14:55	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			06/22/20 14:55	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			06/22/20 14:55	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			06/22/20 14:55	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			06/22/20 14:55	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			06/22/20 14:55	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			06/22/20 14:55	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			06/22/20 14:55	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			06/22/20 14:55	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			06/22/20 14:55	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			06/22/20 14:55	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			06/22/20 14:55	1
2-Butanone (MEK)	ND		10	1.3	ug/L			06/22/20 14:55	1
2-Hexanone	ND		5.0	1.2	ug/L			06/22/20 14:55	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			06/22/20 14:55	1
Acetone	ND		10	3.0	ug/L			06/22/20 14:55	1
Benzene	ND		1.0	0.41	ug/L			06/22/20 14:55	1
Bromodichloromethane	ND		1.0	0.39	ug/L			06/22/20 14:55	1
Bromoform	ND		1.0	0.26	ug/L			06/22/20 14:55	1
Bromomethane	ND		1.0	0.69	ug/L			06/22/20 14:55	1
Carbon disulfide	ND		1.0	0.19	ug/L			06/22/20 14:55	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			06/22/20 14:55	1
Chlorobenzene	ND		1.0	0.75	ug/L			06/22/20 14:55	1
Dibromochloromethane	ND		1.0	0.32	ug/L			06/22/20 14:55	1
Chloroethane	ND		1.0	0.32	ug/L			06/22/20 14:55	1
Chloroform	ND		1.0	0.34	ug/L			06/22/20 14:55	1
Chloromethane	ND		1.0	0.35	ug/L			06/22/20 14:55	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			06/22/20 14:55	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			06/22/20 14:55	1
Cyclohexane	ND		1.0	0.18	ug/L			06/22/20 14:55	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			06/22/20 14:55	1
Ethylbenzene	ND		1.0	0.74	ug/L			06/22/20 14:55	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			06/22/20 14:55	1
Isopropylbenzene	ND		1.0	0.79	ug/L			06/22/20 14:55	1
Methyl acetate	ND		2.5	1.3	ug/L			06/22/20 14:55	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			06/22/20 14:55	1
Methylcyclohexane	ND		1.0	0.16	ug/L			06/22/20 14:55	1
Methylene Chloride	ND		1.0	0.44	ug/L			06/22/20 14:55	1

Client Sample Results

Client: O'Brien & Gere Inc of North America
 Project/Site: Forest Glen Monitoring

Job ID: 480-171390-1

Client Sample ID: MW8DD061720

Lab Sample ID: 480-171390-4

Date Collected: 06/17/20 09:15

Matrix: Water

Date Received: 06/18/20 11:10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	ND		1.0	0.73	ug/L			06/22/20 14:55	1
Tetrachloroethene	ND		1.0	0.36	ug/L			06/22/20 14:55	1
Toluene	ND		1.0	0.51	ug/L			06/22/20 14:55	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			06/22/20 14:55	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			06/22/20 14:55	1
Trichloroethene	ND		1.0	0.46	ug/L			06/22/20 14:55	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			06/22/20 14:55	1
Vinyl chloride	ND		1.0	0.90	ug/L			06/22/20 14:55	1
Xylenes, Total	ND		2.0	0.66	ug/L			06/22/20 14:55	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	95		80 - 120		06/22/20 14:55	1
1,2-Dichloroethane-d4 (Surr)	101		77 - 120		06/22/20 14:55	1
4-Bromofluorobenzene (Surr)	102		73 - 120		06/22/20 14:55	1
Dibromofluoromethane (Surr)	103		75 - 123		06/22/20 14:55	1

Client Sample ID: MW7D061720

Lab Sample ID: 480-171390-5

Date Collected: 06/17/20 13:10

Matrix: Water

Date Received: 06/18/20 11:10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			06/22/20 15:19	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			06/22/20 15:19	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			06/22/20 15:19	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			06/22/20 15:19	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			06/22/20 15:19	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			06/22/20 15:19	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			06/22/20 15:19	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			06/22/20 15:19	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			06/22/20 15:19	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			06/22/20 15:19	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			06/22/20 15:19	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			06/22/20 15:19	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			06/22/20 15:19	1
2-Butanone (MEK)	ND		10	1.3	ug/L			06/22/20 15:19	1
2-Hexanone	ND		5.0	1.2	ug/L			06/22/20 15:19	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			06/22/20 15:19	1
Acetone	ND		10	3.0	ug/L			06/22/20 15:19	1
Benzene	ND		1.0	0.41	ug/L			06/22/20 15:19	1
Bromodichloromethane	ND		1.0	0.39	ug/L			06/22/20 15:19	1
Bromoform	ND		1.0	0.26	ug/L			06/22/20 15:19	1
Bromomethane	ND		1.0	0.69	ug/L			06/22/20 15:19	1
Carbon disulfide	ND		1.0	0.19	ug/L			06/22/20 15:19	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			06/22/20 15:19	1
Chlorobenzene	ND		1.0	0.75	ug/L			06/22/20 15:19	1
Dibromochloromethane	ND		1.0	0.32	ug/L			06/22/20 15:19	1
Chloroethane	ND		1.0	0.32	ug/L			06/22/20 15:19	1
Chloroform	ND		1.0	0.34	ug/L			06/22/20 15:19	1
Chloromethane	ND		1.0	0.35	ug/L			06/22/20 15:19	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: O'Brien & Gere Inc of North America
Project/Site: Forest Glen Monitoring

Job ID: 480-171390-1

Client Sample ID: MW7D061720

Lab Sample ID: 480-171390-5

Date Collected: 06/17/20 13:10

Matrix: Water

Date Received: 06/18/20 11:10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			06/22/20 15:19	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			06/22/20 15:19	1
Cyclohexane	ND		1.0	0.18	ug/L			06/22/20 15:19	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			06/22/20 15:19	1
Ethylbenzene	ND		1.0	0.74	ug/L			06/22/20 15:19	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			06/22/20 15:19	1
Isopropylbenzene	ND		1.0	0.79	ug/L			06/22/20 15:19	1
Methyl acetate	ND		2.5	1.3	ug/L			06/22/20 15:19	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			06/22/20 15:19	1
Methylcyclohexane	ND		1.0	0.16	ug/L			06/22/20 15:19	1
Methylene Chloride	ND		1.0	0.44	ug/L			06/22/20 15:19	1
Styrene	ND		1.0	0.73	ug/L			06/22/20 15:19	1
Tetrachloroethene	0.44	J	1.0	0.36	ug/L			06/22/20 15:19	1
Toluene	ND		1.0	0.51	ug/L			06/22/20 15:19	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			06/22/20 15:19	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			06/22/20 15:19	1
Trichloroethene	1.1		1.0	0.46	ug/L			06/22/20 15:19	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			06/22/20 15:19	1
Vinyl chloride	ND		1.0	0.90	ug/L			06/22/20 15:19	1
Xylenes, Total	ND		2.0	0.66	ug/L			06/22/20 15:19	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	96		80 - 120					06/22/20 15:19	1
1,2-Dichloroethane-d4 (Surr)	97		77 - 120					06/22/20 15:19	1
4-Bromofluorobenzene (Surr)	101		73 - 120					06/22/20 15:19	1
Dibromofluoromethane (Surr)	95		75 - 123					06/22/20 15:19	1

Client Sample ID: MW7S061720

Lab Sample ID: 480-171390-6

Date Collected: 06/17/20 14:30

Matrix: Water

Date Received: 06/18/20 11:10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			06/22/20 15:43	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			06/22/20 15:43	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			06/22/20 15:43	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			06/22/20 15:43	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			06/22/20 15:43	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			06/22/20 15:43	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			06/22/20 15:43	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			06/22/20 15:43	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			06/22/20 15:43	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			06/22/20 15:43	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			06/22/20 15:43	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			06/22/20 15:43	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			06/22/20 15:43	1
2-Butanone (MEK)	ND		10	1.3	ug/L			06/22/20 15:43	1
2-Hexanone	ND		5.0	1.2	ug/L			06/22/20 15:43	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			06/22/20 15:43	1
Acetone	ND		10	3.0	ug/L			06/22/20 15:43	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: O'Brien & Gere Inc of North America
Project/Site: Forest Glen Monitoring

Job ID: 480-171390-1

Client Sample ID: MW7S061720

Lab Sample ID: 480-171390-6

Date Collected: 06/17/20 14:30

Matrix: Water

Date Received: 06/18/20 11:10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		1.0	0.41	ug/L			06/22/20 15:43	1
Bromodichloromethane	ND		1.0	0.39	ug/L			06/22/20 15:43	1
Bromoform	ND		1.0	0.26	ug/L			06/22/20 15:43	1
Bromomethane	ND		1.0	0.69	ug/L			06/22/20 15:43	1
Carbon disulfide	ND		1.0	0.19	ug/L			06/22/20 15:43	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			06/22/20 15:43	1
Chlorobenzene	ND		1.0	0.75	ug/L			06/22/20 15:43	1
Dibromochloromethane	ND		1.0	0.32	ug/L			06/22/20 15:43	1
Chloroethane	ND		1.0	0.32	ug/L			06/22/20 15:43	1
Chloroform	ND		1.0	0.34	ug/L			06/22/20 15:43	1
Chloromethane	ND		1.0	0.35	ug/L			06/22/20 15:43	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			06/22/20 15:43	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			06/22/20 15:43	1
Cyclohexane	ND		1.0	0.18	ug/L			06/22/20 15:43	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			06/22/20 15:43	1
Ethylbenzene	ND		1.0	0.74	ug/L			06/22/20 15:43	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			06/22/20 15:43	1
Isopropylbenzene	ND		1.0	0.79	ug/L			06/22/20 15:43	1
Methyl acetate	ND		2.5	1.3	ug/L			06/22/20 15:43	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			06/22/20 15:43	1
Methylcyclohexane	ND		1.0	0.16	ug/L			06/22/20 15:43	1
Methylene Chloride	ND		1.0	0.44	ug/L			06/22/20 15:43	1
Styrene	ND		1.0	0.73	ug/L			06/22/20 15:43	1
Tetrachloroethene	ND		1.0	0.36	ug/L			06/22/20 15:43	1
Toluene	ND		1.0	0.51	ug/L			06/22/20 15:43	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			06/22/20 15:43	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			06/22/20 15:43	1
Trichloroethene	0.92	J	1.0	0.46	ug/L			06/22/20 15:43	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			06/22/20 15:43	1
Vinyl chloride	ND		1.0	0.90	ug/L			06/22/20 15:43	1
Xylenes, Total	ND		2.0	0.66	ug/L			06/22/20 15:43	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	94		80 - 120		06/22/20 15:43	1
1,2-Dichloroethane-d4 (Surr)	101		77 - 120		06/22/20 15:43	1
4-Bromofluorobenzene (Surr)	102		73 - 120		06/22/20 15:43	1
Dibromofluoromethane (Surr)	102		75 - 123		06/22/20 15:43	1

Client Sample ID: MW4S061720

Lab Sample ID: 480-171390-7

Date Collected: 06/17/20 13:10

Matrix: Water

Date Received: 06/18/20 11:10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			06/22/20 16:07	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			06/22/20 16:07	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			06/22/20 16:07	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			06/22/20 16:07	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			06/22/20 16:07	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			06/22/20 16:07	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: O'Brien & Gere Inc of North America
 Project/Site: Forest Glen Monitoring

Job ID: 480-171390-1

Client Sample ID: MW4S061720

Lab Sample ID: 480-171390-7

Date Collected: 06/17/20 13:10

Matrix: Water

Date Received: 06/18/20 11:10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			06/22/20 16:07	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			06/22/20 16:07	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			06/22/20 16:07	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			06/22/20 16:07	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			06/22/20 16:07	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			06/22/20 16:07	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			06/22/20 16:07	1
2-Butanone (MEK)	ND		10	1.3	ug/L			06/22/20 16:07	1
2-Hexanone	ND		5.0	1.2	ug/L			06/22/20 16:07	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			06/22/20 16:07	1
Acetone	ND		10	3.0	ug/L			06/22/20 16:07	1
Benzene	ND		1.0	0.41	ug/L			06/22/20 16:07	1
Bromodichloromethane	ND		1.0	0.39	ug/L			06/22/20 16:07	1
Bromoform	ND		1.0	0.26	ug/L			06/22/20 16:07	1
Bromomethane	ND		1.0	0.69	ug/L			06/22/20 16:07	1
Carbon disulfide	ND		1.0	0.19	ug/L			06/22/20 16:07	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			06/22/20 16:07	1
Chlorobenzene	ND		1.0	0.75	ug/L			06/22/20 16:07	1
Dibromochloromethane	ND		1.0	0.32	ug/L			06/22/20 16:07	1
Chloroethane	ND		1.0	0.32	ug/L			06/22/20 16:07	1
Chloroform	ND		1.0	0.34	ug/L			06/22/20 16:07	1
Chloromethane	ND		1.0	0.35	ug/L			06/22/20 16:07	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			06/22/20 16:07	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			06/22/20 16:07	1
Cyclohexane	ND		1.0	0.18	ug/L			06/22/20 16:07	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			06/22/20 16:07	1
Ethylbenzene	ND		1.0	0.74	ug/L			06/22/20 16:07	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			06/22/20 16:07	1
Isopropylbenzene	ND		1.0	0.79	ug/L			06/22/20 16:07	1
Methyl acetate	ND		2.5	1.3	ug/L			06/22/20 16:07	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			06/22/20 16:07	1
Methylcyclohexane	ND		1.0	0.16	ug/L			06/22/20 16:07	1
Methylene Chloride	ND		1.0	0.44	ug/L			06/22/20 16:07	1
Styrene	ND		1.0	0.73	ug/L			06/22/20 16:07	1
Tetrachloroethene	ND		1.0	0.36	ug/L			06/22/20 16:07	1
Toluene	ND		1.0	0.51	ug/L			06/22/20 16:07	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			06/22/20 16:07	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			06/22/20 16:07	1
Trichloroethene	ND		1.0	0.46	ug/L			06/22/20 16:07	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			06/22/20 16:07	1
Vinyl chloride	ND		1.0	0.90	ug/L			06/22/20 16:07	1
Xylenes, Total	ND		2.0	0.66	ug/L			06/22/20 16:07	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	95		80 - 120					06/22/20 16:07	1
1,2-Dichloroethane-d4 (Surr)	100		77 - 120					06/22/20 16:07	1
4-Bromofluorobenzene (Surr)	103		73 - 120					06/22/20 16:07	1
Dibromofluoromethane (Surr)	97		75 - 123					06/22/20 16:07	1

Client Sample Results

Client: O'Brien & Gere Inc of North America
 Project/Site: Forest Glen Monitoring

Job ID: 480-171390-1

Client Sample ID: MW10D061720

Lab Sample ID: 480-171390-8

Date Collected: 06/17/20 14:30

Matrix: Water

Date Received: 06/18/20 11:10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			06/22/20 16:31	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			06/22/20 16:31	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			06/22/20 16:31	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			06/22/20 16:31	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			06/22/20 16:31	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			06/22/20 16:31	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			06/22/20 16:31	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			06/22/20 16:31	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			06/22/20 16:31	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			06/22/20 16:31	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			06/22/20 16:31	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			06/22/20 16:31	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			06/22/20 16:31	1
2-Butanone (MEK)	ND		10	1.3	ug/L			06/22/20 16:31	1
2-Hexanone	ND		5.0	1.2	ug/L			06/22/20 16:31	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			06/22/20 16:31	1
Acetone	ND		10	3.0	ug/L			06/22/20 16:31	1
Benzene	ND		1.0	0.41	ug/L			06/22/20 16:31	1
Bromodichloromethane	ND		1.0	0.39	ug/L			06/22/20 16:31	1
Bromoform	ND		1.0	0.26	ug/L			06/22/20 16:31	1
Bromomethane	ND		1.0	0.69	ug/L			06/22/20 16:31	1
Carbon disulfide	ND		1.0	0.19	ug/L			06/22/20 16:31	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			06/22/20 16:31	1
Chlorobenzene	ND		1.0	0.75	ug/L			06/22/20 16:31	1
Dibromochloromethane	ND		1.0	0.32	ug/L			06/22/20 16:31	1
Chloroethane	ND		1.0	0.32	ug/L			06/22/20 16:31	1
Chloroform	ND		1.0	0.34	ug/L			06/22/20 16:31	1
Chloromethane	ND		1.0	0.35	ug/L			06/22/20 16:31	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			06/22/20 16:31	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			06/22/20 16:31	1
Cyclohexane	ND		1.0	0.18	ug/L			06/22/20 16:31	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			06/22/20 16:31	1
Ethylbenzene	ND		1.0	0.74	ug/L			06/22/20 16:31	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			06/22/20 16:31	1
Isopropylbenzene	ND		1.0	0.79	ug/L			06/22/20 16:31	1
Methyl acetate	ND		2.5	1.3	ug/L			06/22/20 16:31	1
Methyl tert-butyl ether	0.26	J	1.0	0.16	ug/L			06/22/20 16:31	1
Methylcyclohexane	ND		1.0	0.16	ug/L			06/22/20 16:31	1
Methylene Chloride	ND		1.0	0.44	ug/L			06/22/20 16:31	1
Styrene	ND		1.0	0.73	ug/L			06/22/20 16:31	1
Tetrachloroethene	ND		1.0	0.36	ug/L			06/22/20 16:31	1
Toluene	ND		1.0	0.51	ug/L			06/22/20 16:31	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			06/22/20 16:31	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			06/22/20 16:31	1
Trichloroethene	ND		1.0	0.46	ug/L			06/22/20 16:31	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			06/22/20 16:31	1
Vinyl chloride	ND		1.0	0.90	ug/L			06/22/20 16:31	1
Xylenes, Total	ND		2.0	0.66	ug/L			06/22/20 16:31	1

Client Sample Results

Client: O'Brien & Gere Inc of North America
 Project/Site: Forest Glen Monitoring

Job ID: 480-171390-1

Client Sample ID: MW10D061720

Lab Sample ID: 480-171390-8

Date Collected: 06/17/20 14:30

Matrix: Water

Date Received: 06/18/20 11:10

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	94		80 - 120		06/22/20 16:31	1
1,2-Dichloroethane-d4 (Surr)	99		77 - 120		06/22/20 16:31	1
4-Bromofluorobenzene (Surr)	100		73 - 120		06/22/20 16:31	1
Dibromofluoromethane (Surr)	98		75 - 123		06/22/20 16:31	1

Client Sample ID: MW4D061720

Lab Sample ID: 480-171390-9

Date Collected: 06/17/20 16:15

Matrix: Water

Date Received: 06/18/20 11:10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			06/22/20 16:56	1
1,1,1,2-Tetrachloroethane	ND		1.0	0.21	ug/L			06/22/20 16:56	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			06/22/20 16:56	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			06/22/20 16:56	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			06/22/20 16:56	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			06/22/20 16:56	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			06/22/20 16:56	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			06/22/20 16:56	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			06/22/20 16:56	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			06/22/20 16:56	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			06/22/20 16:56	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			06/22/20 16:56	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			06/22/20 16:56	1
2-Butanone (MEK)	ND		10	1.3	ug/L			06/22/20 16:56	1
2-Hexanone	ND		5.0	1.2	ug/L			06/22/20 16:56	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			06/22/20 16:56	1
Acetone	ND		10	3.0	ug/L			06/22/20 16:56	1
Benzene	ND		1.0	0.41	ug/L			06/22/20 16:56	1
Bromodichloromethane	ND		1.0	0.39	ug/L			06/22/20 16:56	1
Bromoform	ND		1.0	0.26	ug/L			06/22/20 16:56	1
Bromomethane	ND		1.0	0.69	ug/L			06/22/20 16:56	1
Carbon disulfide	ND		1.0	0.19	ug/L			06/22/20 16:56	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			06/22/20 16:56	1
Chlorobenzene	ND		1.0	0.75	ug/L			06/22/20 16:56	1
Dibromochloromethane	ND		1.0	0.32	ug/L			06/22/20 16:56	1
Chloroethane	ND		1.0	0.32	ug/L			06/22/20 16:56	1
Chloroform	ND		1.0	0.34	ug/L			06/22/20 16:56	1
Chloromethane	ND		1.0	0.35	ug/L			06/22/20 16:56	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			06/22/20 16:56	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			06/22/20 16:56	1
Cyclohexane	ND		1.0	0.18	ug/L			06/22/20 16:56	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			06/22/20 16:56	1
Ethylbenzene	ND		1.0	0.74	ug/L			06/22/20 16:56	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			06/22/20 16:56	1
Isopropylbenzene	ND		1.0	0.79	ug/L			06/22/20 16:56	1
Methyl acetate	ND		2.5	1.3	ug/L			06/22/20 16:56	1
Methyl tert-butyl ether	0.41	J	1.0	0.16	ug/L			06/22/20 16:56	1
Methylcyclohexane	ND		1.0	0.16	ug/L			06/22/20 16:56	1
Methylene Chloride	ND		1.0	0.44	ug/L			06/22/20 16:56	1

Client Sample Results

Client: O'Brien & Gere Inc of North America
 Project/Site: Forest Glen Monitoring

Job ID: 480-171390-1

Client Sample ID: MW4D061720

Lab Sample ID: 480-171390-9

Date Collected: 06/17/20 16:15

Matrix: Water

Date Received: 06/18/20 11:10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	ND		1.0	0.73	ug/L			06/22/20 16:56	1
Tetrachloroethene	ND		1.0	0.36	ug/L			06/22/20 16:56	1
Toluene	ND		1.0	0.51	ug/L			06/22/20 16:56	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			06/22/20 16:56	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			06/22/20 16:56	1
Trichloroethene	ND		1.0	0.46	ug/L			06/22/20 16:56	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			06/22/20 16:56	1
Vinyl chloride	ND		1.0	0.90	ug/L			06/22/20 16:56	1
Xylenes, Total	ND		2.0	0.66	ug/L			06/22/20 16:56	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	94		80 - 120		06/22/20 16:56	1
1,2-Dichloroethane-d4 (Surr)	97		77 - 120		06/22/20 16:56	1
4-Bromofluorobenzene (Surr)	99		73 - 120		06/22/20 16:56	1
Dibromofluoromethane (Surr)	97		75 - 123		06/22/20 16:56	1

Client Sample ID: MW10S061720

Lab Sample ID: 480-171390-10

Date Collected: 06/17/20 09:10

Matrix: Water

Date Received: 06/18/20 11:10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			06/22/20 17:20	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			06/22/20 17:20	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			06/22/20 17:20	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			06/22/20 17:20	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			06/22/20 17:20	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			06/22/20 17:20	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			06/22/20 17:20	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			06/22/20 17:20	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			06/22/20 17:20	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			06/22/20 17:20	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			06/22/20 17:20	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			06/22/20 17:20	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			06/22/20 17:20	1
2-Butanone (MEK)	ND		10	1.3	ug/L			06/22/20 17:20	1
2-Hexanone	ND		5.0	1.2	ug/L			06/22/20 17:20	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			06/22/20 17:20	1
Acetone	ND		10	3.0	ug/L			06/22/20 17:20	1
Benzene	ND		1.0	0.41	ug/L			06/22/20 17:20	1
Bromodichloromethane	ND		1.0	0.39	ug/L			06/22/20 17:20	1
Bromoform	ND		1.0	0.26	ug/L			06/22/20 17:20	1
Bromomethane	ND		1.0	0.69	ug/L			06/22/20 17:20	1
Carbon disulfide	ND		1.0	0.19	ug/L			06/22/20 17:20	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			06/22/20 17:20	1
Chlorobenzene	ND		1.0	0.75	ug/L			06/22/20 17:20	1
Dibromochloromethane	ND		1.0	0.32	ug/L			06/22/20 17:20	1
Chloroethane	ND		1.0	0.32	ug/L			06/22/20 17:20	1
Chloroform	ND		1.0	0.34	ug/L			06/22/20 17:20	1
Chloromethane	ND		1.0	0.35	ug/L			06/22/20 17:20	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: O'Brien & Gere Inc of North America
Project/Site: Forest Glen Monitoring

Job ID: 480-171390-1

Client Sample ID: MW10S061720

Lab Sample ID: 480-171390-10

Date Collected: 06/17/20 09:10

Matrix: Water

Date Received: 06/18/20 11:10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,2-Dichloroethene	40		1.0	0.81	ug/L			06/22/20 17:20	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			06/22/20 17:20	1
Cyclohexane	ND		1.0	0.18	ug/L			06/22/20 17:20	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			06/22/20 17:20	1
Ethylbenzene	ND		1.0	0.74	ug/L			06/22/20 17:20	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			06/22/20 17:20	1
Isopropylbenzene	ND		1.0	0.79	ug/L			06/22/20 17:20	1
Methyl acetate	ND		2.5	1.3	ug/L			06/22/20 17:20	1
Methyl tert-butyl ether	0.21	J	1.0	0.16	ug/L			06/22/20 17:20	1
Methylcyclohexane	ND		1.0	0.16	ug/L			06/22/20 17:20	1
Methylene Chloride	ND		1.0	0.44	ug/L			06/22/20 17:20	1
Styrene	ND		1.0	0.73	ug/L			06/22/20 17:20	1
Tetrachloroethene	ND		1.0	0.36	ug/L			06/22/20 17:20	1
Toluene	ND		1.0	0.51	ug/L			06/22/20 17:20	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			06/22/20 17:20	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			06/22/20 17:20	1
Trichloroethene	ND		1.0	0.46	ug/L			06/22/20 17:20	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			06/22/20 17:20	1
Vinyl chloride	6.4		1.0	0.90	ug/L			06/22/20 17:20	1
Xylenes, Total	ND		2.0	0.66	ug/L			06/22/20 17:20	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
<i>Toluene-d8 (Surr)</i>	94		80 - 120		06/22/20 17:20	1
<i>1,2-Dichloroethane-d4 (Surr)</i>	102		77 - 120		06/22/20 17:20	1
<i>4-Bromofluorobenzene (Surr)</i>	101		73 - 120		06/22/20 17:20	1
<i>Dibromofluoromethane (Surr)</i>	101		75 - 123		06/22/20 17:20	1

Client Sample ID: Trip Blank

Lab Sample ID: 480-171390-11

Date Collected: 06/17/20 00:00

Matrix: Water

Date Received: 06/18/20 11:10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			06/22/20 17:44	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			06/22/20 17:44	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			06/22/20 17:44	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			06/22/20 17:44	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			06/22/20 17:44	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			06/22/20 17:44	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			06/22/20 17:44	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			06/22/20 17:44	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			06/22/20 17:44	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			06/22/20 17:44	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			06/22/20 17:44	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			06/22/20 17:44	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			06/22/20 17:44	1
2-Butanone (MEK)	ND		10	1.3	ug/L			06/22/20 17:44	1
2-Hexanone	ND		5.0	1.2	ug/L			06/22/20 17:44	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			06/22/20 17:44	1
Acetone	ND		10	3.0	ug/L			06/22/20 17:44	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: O'Brien & Gere Inc of North America
 Project/Site: Forest Glen Monitoring

Job ID: 480-171390-1

Client Sample ID: Trip Blank

Lab Sample ID: 480-171390-11

Date Collected: 06/17/20 00:00

Matrix: Water

Date Received: 06/18/20 11:10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		1.0	0.41	ug/L			06/22/20 17:44	1
Bromodichloromethane	ND		1.0	0.39	ug/L			06/22/20 17:44	1
Bromoform	ND		1.0	0.26	ug/L			06/22/20 17:44	1
Bromomethane	ND		1.0	0.69	ug/L			06/22/20 17:44	1
Carbon disulfide	ND		1.0	0.19	ug/L			06/22/20 17:44	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			06/22/20 17:44	1
Chlorobenzene	ND		1.0	0.75	ug/L			06/22/20 17:44	1
Dibromochloromethane	ND		1.0	0.32	ug/L			06/22/20 17:44	1
Chloroethane	ND		1.0	0.32	ug/L			06/22/20 17:44	1
Chloroform	ND		1.0	0.34	ug/L			06/22/20 17:44	1
Chloromethane	ND		1.0	0.35	ug/L			06/22/20 17:44	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			06/22/20 17:44	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			06/22/20 17:44	1
Cyclohexane	ND		1.0	0.18	ug/L			06/22/20 17:44	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			06/22/20 17:44	1
Ethylbenzene	ND		1.0	0.74	ug/L			06/22/20 17:44	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			06/22/20 17:44	1
Isopropylbenzene	ND		1.0	0.79	ug/L			06/22/20 17:44	1
Methyl acetate	ND		2.5	1.3	ug/L			06/22/20 17:44	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			06/22/20 17:44	1
Methylcyclohexane	ND		1.0	0.16	ug/L			06/22/20 17:44	1
Methylene Chloride	ND		1.0	0.44	ug/L			06/22/20 17:44	1
Styrene	ND		1.0	0.73	ug/L			06/22/20 17:44	1
Tetrachloroethene	ND		1.0	0.36	ug/L			06/22/20 17:44	1
Toluene	ND		1.0	0.51	ug/L			06/22/20 17:44	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			06/22/20 17:44	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			06/22/20 17:44	1
Trichloroethene	ND		1.0	0.46	ug/L			06/22/20 17:44	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			06/22/20 17:44	1
Vinyl chloride	ND		1.0	0.90	ug/L			06/22/20 17:44	1
Xylenes, Total	ND		2.0	0.66	ug/L			06/22/20 17:44	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	97		80 - 120		06/22/20 17:44	1
1,2-Dichloroethane-d4 (Surr)	102		77 - 120		06/22/20 17:44	1
4-Bromofluorobenzene (Surr)	99		73 - 120		06/22/20 17:44	1
Dibromofluoromethane (Surr)	104		75 - 123		06/22/20 17:44	1

Client Sample ID: MW8S061720

Lab Sample ID: 480-171390-12

Date Collected: 06/17/20 12:15

Matrix: Water

Date Received: 06/18/20 11:10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			06/22/20 18:08	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			06/22/20 18:08	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			06/22/20 18:08	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			06/22/20 18:08	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			06/22/20 18:08	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			06/22/20 18:08	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: O'Brien & Gere Inc of North America
 Project/Site: Forest Glen Monitoring

Job ID: 480-171390-1

Client Sample ID: MW8S061720

Lab Sample ID: 480-171390-12

Date Collected: 06/17/20 12:15

Matrix: Water

Date Received: 06/18/20 11:10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			06/22/20 18:08	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			06/22/20 18:08	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			06/22/20 18:08	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			06/22/20 18:08	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			06/22/20 18:08	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			06/22/20 18:08	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			06/22/20 18:08	1
2-Butanone (MEK)	ND		10	1.3	ug/L			06/22/20 18:08	1
2-Hexanone	ND		5.0	1.2	ug/L			06/22/20 18:08	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			06/22/20 18:08	1
Acetone	ND		10	3.0	ug/L			06/22/20 18:08	1
Benzene	ND		1.0	0.41	ug/L			06/22/20 18:08	1
Bromodichloromethane	ND		1.0	0.39	ug/L			06/22/20 18:08	1
Bromoform	ND		1.0	0.26	ug/L			06/22/20 18:08	1
Bromomethane	ND		1.0	0.69	ug/L			06/22/20 18:08	1
Carbon disulfide	ND		1.0	0.19	ug/L			06/22/20 18:08	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			06/22/20 18:08	1
Chlorobenzene	ND		1.0	0.75	ug/L			06/22/20 18:08	1
Dibromochloromethane	ND		1.0	0.32	ug/L			06/22/20 18:08	1
Chloroethane	ND		1.0	0.32	ug/L			06/22/20 18:08	1
Chloroform	ND		1.0	0.34	ug/L			06/22/20 18:08	1
Chloromethane	ND		1.0	0.35	ug/L			06/22/20 18:08	1
cis-1,2-Dichloroethene	2.0		1.0	0.81	ug/L			06/22/20 18:08	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			06/22/20 18:08	1
Cyclohexane	ND		1.0	0.18	ug/L			06/22/20 18:08	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			06/22/20 18:08	1
Ethylbenzene	ND		1.0	0.74	ug/L			06/22/20 18:08	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			06/22/20 18:08	1
Isopropylbenzene	ND		1.0	0.79	ug/L			06/22/20 18:08	1
Methyl acetate	ND		2.5	1.3	ug/L			06/22/20 18:08	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			06/22/20 18:08	1
Methylcyclohexane	ND		1.0	0.16	ug/L			06/22/20 18:08	1
Methylene Chloride	ND		1.0	0.44	ug/L			06/22/20 18:08	1
Styrene	ND		1.0	0.73	ug/L			06/22/20 18:08	1
Tetrachloroethene	ND		1.0	0.36	ug/L			06/22/20 18:08	1
Toluene	ND		1.0	0.51	ug/L			06/22/20 18:08	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			06/22/20 18:08	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			06/22/20 18:08	1
Trichloroethene	1.9		1.0	0.46	ug/L			06/22/20 18:08	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			06/22/20 18:08	1
Vinyl chloride	ND		1.0	0.90	ug/L			06/22/20 18:08	1
Xylenes, Total	ND		2.0	0.66	ug/L			06/22/20 18:08	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	94		80 - 120					06/22/20 18:08	1
1,2-Dichloroethane-d4 (Surr)	97		77 - 120					06/22/20 18:08	1
4-Bromofluorobenzene (Surr)	99		73 - 120					06/22/20 18:08	1
Dibromofluoromethane (Surr)	96		75 - 123					06/22/20 18:08	1

Client Sample Results

Client: O'Brien & Gere Inc of North America
 Project/Site: Forest Glen Monitoring

Job ID: 480-171390-1

Client Sample ID: MW7DD061720

Lab Sample ID: 480-171390-13

Date Collected: 06/17/20 11:20

Matrix: Water

Date Received: 06/18/20 11:10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			06/22/20 18:32	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			06/22/20 18:32	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			06/22/20 18:32	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			06/22/20 18:32	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			06/22/20 18:32	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			06/22/20 18:32	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			06/22/20 18:32	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			06/22/20 18:32	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			06/22/20 18:32	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			06/22/20 18:32	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			06/22/20 18:32	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			06/22/20 18:32	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			06/22/20 18:32	1
2-Butanone (MEK)	ND		10	1.3	ug/L			06/22/20 18:32	1
2-Hexanone	ND		5.0	1.2	ug/L			06/22/20 18:32	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			06/22/20 18:32	1
Acetone	ND		10	3.0	ug/L			06/22/20 18:32	1
Benzene	ND		1.0	0.41	ug/L			06/22/20 18:32	1
Bromodichloromethane	ND		1.0	0.39	ug/L			06/22/20 18:32	1
Bromoform	ND		1.0	0.26	ug/L			06/22/20 18:32	1
Bromomethane	ND		1.0	0.69	ug/L			06/22/20 18:32	1
Carbon disulfide	ND		1.0	0.19	ug/L			06/22/20 18:32	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			06/22/20 18:32	1
Chlorobenzene	ND		1.0	0.75	ug/L			06/22/20 18:32	1
Dibromochloromethane	ND		1.0	0.32	ug/L			06/22/20 18:32	1
Chloroethane	ND		1.0	0.32	ug/L			06/22/20 18:32	1
Chloroform	ND		1.0	0.34	ug/L			06/22/20 18:32	1
Chloromethane	ND		1.0	0.35	ug/L			06/22/20 18:32	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			06/22/20 18:32	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			06/22/20 18:32	1
Cyclohexane	ND		1.0	0.18	ug/L			06/22/20 18:32	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			06/22/20 18:32	1
Ethylbenzene	ND		1.0	0.74	ug/L			06/22/20 18:32	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			06/22/20 18:32	1
Isopropylbenzene	ND		1.0	0.79	ug/L			06/22/20 18:32	1
Methyl acetate	ND		2.5	1.3	ug/L			06/22/20 18:32	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			06/22/20 18:32	1
Methylcyclohexane	ND		1.0	0.16	ug/L			06/22/20 18:32	1
Methylene Chloride	ND		1.0	0.44	ug/L			06/22/20 18:32	1
Styrene	ND		1.0	0.73	ug/L			06/22/20 18:32	1
Tetrachloroethene	ND		1.0	0.36	ug/L			06/22/20 18:32	1
Toluene	ND		1.0	0.51	ug/L			06/22/20 18:32	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			06/22/20 18:32	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			06/22/20 18:32	1
Trichloroethene	0.60	J	1.0	0.46	ug/L			06/22/20 18:32	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			06/22/20 18:32	1
Vinyl chloride	ND		1.0	0.90	ug/L			06/22/20 18:32	1
Xylenes, Total	ND		2.0	0.66	ug/L			06/22/20 18:32	1

Client Sample Results

Client: O'Brien & Gere Inc of North America
Project/Site: Forest Glen Monitoring

Job ID: 480-171390-1

Client Sample ID: MW7DD061720

Lab Sample ID: 480-171390-13

Date Collected: 06/17/20 11:20

Matrix: Water

Date Received: 06/18/20 11:10

<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		06/22/20 18:32	1
<i>1,2-Dichloroethane-d4 (Surr)</i>	101		77 - 120		06/22/20 18:32	1
<i>4-Bromofluorobenzene (Surr)</i>	102		73 - 120		06/22/20 18:32	1
<i>Dibromofluoromethane (Surr)</i>	101		75 - 123		06/22/20 18:32	1

Surrogate Summary

Client: O'Brien & Gere Inc of North America
Project/Site: Forest Glen Monitoring

Job ID: 480-171390-1

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)
480-171390-1	MW8D061720	95	100	101	99
480-171390-1 MS	MW8DMS061720	97	102	102	104
480-171390-1 MSD	MW8DMSD061720	97	98	99	98
480-171390-4	MW8DD061720	95	101	102	103
480-171390-5	MW7D061720	96	97	101	95
480-171390-6	MW7S061720	94	101	102	102
480-171390-7	MW4S061720	95	100	103	97
480-171390-8	MW10D061720	94	99	100	98
480-171390-9	MW4D061720	94	97	99	97
480-171390-10	MW10S061720	94	102	101	101
480-171390-11	Trip Blank	97	102	99	104
480-171390-12	MW8S061720	94	97	99	96
480-171390-13	MW7DD061720	97	101	102	101
LCS 480-537243/6	Lab Control Sample	97	99	99	101
MB 480-537243/8	Method Blank	94	102	102	104

Surrogate Legend

TOL = Toluene-d8 (Surr)

DCA = 1,2-Dichloroethane-d4 (Surr)

BFB = 4-Bromofluorobenzene (Surr)

DBFM = Dibromofluoromethane (Surr)

QC Sample Results

Client: O'Brien & Gere Inc of North America
 Project/Site: Forest Glen Monitoring

Job ID: 480-171390-1

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

Lab Sample ID: MB 480-537243/8

Matrix: Water

Analysis Batch: 537243

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			06/22/20 10:48	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			06/22/20 10:48	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			06/22/20 10:48	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			06/22/20 10:48	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			06/22/20 10:48	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			06/22/20 10:48	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			06/22/20 10:48	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			06/22/20 10:48	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			06/22/20 10:48	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			06/22/20 10:48	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			06/22/20 10:48	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			06/22/20 10:48	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			06/22/20 10:48	1
2-Butanone (MEK)	ND		10	1.3	ug/L			06/22/20 10:48	1
2-Hexanone	ND		5.0	1.2	ug/L			06/22/20 10:48	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			06/22/20 10:48	1
Acetone	ND		10	3.0	ug/L			06/22/20 10:48	1
Benzene	ND		1.0	0.41	ug/L			06/22/20 10:48	1
Bromodichloromethane	ND		1.0	0.39	ug/L			06/22/20 10:48	1
Bromoform	ND		1.0	0.26	ug/L			06/22/20 10:48	1
Bromomethane	ND		1.0	0.69	ug/L			06/22/20 10:48	1
Carbon disulfide	ND		1.0	0.19	ug/L			06/22/20 10:48	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			06/22/20 10:48	1
Chlorobenzene	ND		1.0	0.75	ug/L			06/22/20 10:48	1
Dibromochloromethane	ND		1.0	0.32	ug/L			06/22/20 10:48	1
Chloroethane	ND		1.0	0.32	ug/L			06/22/20 10:48	1
Chloroform	ND		1.0	0.34	ug/L			06/22/20 10:48	1
Chloromethane	ND		1.0	0.35	ug/L			06/22/20 10:48	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			06/22/20 10:48	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			06/22/20 10:48	1
Cyclohexane	ND		1.0	0.18	ug/L			06/22/20 10:48	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			06/22/20 10:48	1
Ethylbenzene	ND		1.0	0.74	ug/L			06/22/20 10:48	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			06/22/20 10:48	1
Isopropylbenzene	ND		1.0	0.79	ug/L			06/22/20 10:48	1
Methyl acetate	ND		2.5	1.3	ug/L			06/22/20 10:48	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			06/22/20 10:48	1
Methylcyclohexane	ND		1.0	0.16	ug/L			06/22/20 10:48	1
Methylene Chloride	ND		1.0	0.44	ug/L			06/22/20 10:48	1
Styrene	ND		1.0	0.73	ug/L			06/22/20 10:48	1
Tetrachloroethene	ND		1.0	0.36	ug/L			06/22/20 10:48	1
Toluene	ND		1.0	0.51	ug/L			06/22/20 10:48	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			06/22/20 10:48	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			06/22/20 10:48	1
Trichloroethene	ND		1.0	0.46	ug/L			06/22/20 10:48	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			06/22/20 10:48	1
Vinyl chloride	ND		1.0	0.90	ug/L			06/22/20 10:48	1
Xylenes, Total	ND		2.0	0.66	ug/L			06/22/20 10:48	1

Eurofins TestAmerica, Buffalo

QC Sample Results

Client: O'Brien & Gere Inc of North America
 Project/Site: Forest Glen Monitoring

Job ID: 480-171390-1

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

Lab Sample ID: MB 480-537243/8

Matrix: Water

Analysis Batch: 537243

Client Sample ID: Method Blank

Prep Type: Total/NA

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	94		80 - 120		06/22/20 10:48	1
1,2-Dichloroethane-d4 (Surr)	102		77 - 120		06/22/20 10:48	1
4-Bromofluorobenzene (Surr)	102		73 - 120		06/22/20 10:48	1
Dibromofluoromethane (Surr)	104		75 - 123		06/22/20 10:48	1

Lab Sample ID: LCS 480-537243/6

Matrix: Water

Analysis Batch: 537243

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1-Trichloroethane	25.0	24.3		ug/L		97	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		97	76 - 122
1,1,2-Trichloro-1,2,2-trifluoroethane	25.0	25.5		ug/L		102	61 - 148
1,1-Dichloroethane	25.0	24.3		ug/L		97	77 - 120
1,1-Dichloroethene	25.0	24.1		ug/L		96	66 - 127
1,2,4-Trichlorobenzene	25.0	23.4		ug/L		94	79 - 122
1,2-Dibromo-3-Chloropropane	25.0	23.7		ug/L		95	56 - 134
1,2-Dichlorobenzene	25.0	24.2		ug/L		97	80 - 124
1,2-Dichloroethane	25.0	23.8		ug/L		95	75 - 120
1,2-Dichloropropane	25.0	23.8		ug/L		95	76 - 120
1,3-Dichlorobenzene	25.0	23.9		ug/L		96	77 - 120
1,4-Dichlorobenzene	25.0	23.4		ug/L		94	80 - 120
2-Butanone (MEK)	125	122		ug/L		98	57 - 140
2-Hexanone	125	114		ug/L		92	65 - 127
4-Methyl-2-pentanone (MIBK)	125	118		ug/L		94	71 - 125
Acetone	125	118		ug/L		94	56 - 142
Benzene	25.0	23.9		ug/L		96	71 - 124
Bromodichloromethane	25.0	25.3		ug/L		101	80 - 122
Bromoform	25.0	24.5		ug/L		98	61 - 132
Bromomethane	25.0	24.0		ug/L		96	55 - 144
Carbon disulfide	25.0	25.5		ug/L		102	59 - 134
Carbon tetrachloride	25.0	24.6		ug/L		99	72 - 134
Chlorobenzene	25.0	23.7		ug/L		95	80 - 120
Dibromochloromethane	25.0	25.4		ug/L		101	75 - 125
Chloroethane	25.0	23.3		ug/L		93	69 - 136
Chloroform	25.0	23.1		ug/L		92	73 - 127
Chloromethane	25.0	23.9		ug/L		95	68 - 124
cis-1,2-Dichloroethene	25.0	24.1		ug/L		96	74 - 124
cis-1,3-Dichloropropene	25.0	25.8		ug/L		103	74 - 124
Cyclohexane	25.0	25.7		ug/L		103	59 - 135
Dichlorodifluoromethane	25.0	26.1		ug/L		104	59 - 135
Ethylbenzene	25.0	24.3		ug/L		97	77 - 123
1,2-Dibromoethane	25.0	24.6		ug/L		98	77 - 120
Isopropylbenzene	25.0	24.0		ug/L		96	77 - 122
Methyl acetate	50.0	47.4		ug/L		95	74 - 133
Methyl tert-butyl ether	25.0	25.3		ug/L		101	77 - 120
Methylcyclohexane	25.0	27.1		ug/L		108	68 - 134

Eurofins TestAmerica, Buffalo

QC Sample Results

Client: O'Brien & Gere Inc of North America
 Project/Site: Forest Glen Monitoring

Job ID: 480-171390-1

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

Lab Sample ID: LCS 480-537243/6

Matrix: Water

Analysis Batch: 537243

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Methylene Chloride	25.0	25.1		ug/L		100	75 - 124
Styrene	25.0	25.1		ug/L		101	80 - 120
Tetrachloroethene	25.0	25.0		ug/L		100	74 - 122
Toluene	25.0	23.7		ug/L		95	80 - 122
trans-1,2-Dichloroethene	25.0	25.1		ug/L		100	73 - 127
trans-1,3-Dichloropropene	25.0	24.8		ug/L		99	80 - 120
Trichloroethene	25.0	24.0		ug/L		96	74 - 123
Trichlorofluoromethane	25.0	26.6		ug/L		106	62 - 150
Vinyl chloride	25.0	25.3		ug/L		101	65 - 133

Surrogate	LCS %Recovery	LCS Qualifier	Limits
Toluene-d8 (Surr)	97		80 - 120
1,2-Dichloroethane-d4 (Surr)	99		77 - 120
4-Bromofluorobenzene (Surr)	99		73 - 120
Dibromofluoromethane (Surr)	101		75 - 123

Lab Sample ID: 480-171390-1 MS

Matrix: Water

Analysis Batch: 537243

Client Sample ID: MW8DMS061720

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	F2	25.0	22.6		ug/L		90	73 - 126
1,1,1,2-Tetrachloroethane	ND	F2	25.0	22.2		ug/L		89	76 - 120
1,1,2-Trichloroethane	ND	F2	25.0	21.6		ug/L		86	76 - 122
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		25.0	22.5		ug/L		90	61 - 148
1,1-Dichloroethane	0.47	J F2	25.0	23.6		ug/L		93	77 - 120
1,1-Dichloroethene	ND	F2	25.0	23.2		ug/L		93	66 - 127
1,2,4-Trichlorobenzene	ND	F2	25.0	21.9		ug/L		87	79 - 122
1,2-Dibromo-3-Chloropropane	ND	F2	25.0	21.7		ug/L		87	56 - 134
1,2-Dichlorobenzene	ND	F2	25.0	21.1		ug/L		85	80 - 124
1,2-Dichloroethane	ND	F2	25.0	21.8		ug/L		87	75 - 120
1,2-Dichloropropane	ND	F2	25.0	21.4		ug/L		85	76 - 120
1,3-Dichlorobenzene	ND	F2	25.0	20.6		ug/L		82	77 - 120
1,4-Dichlorobenzene	ND	F2	25.0	20.0		ug/L		80	78 - 124
2-Butanone (MEK)	ND	F2	125	104		ug/L		83	57 - 140
2-Hexanone	ND	F2	125	100		ug/L		80	65 - 127
4-Methyl-2-pentanone (MIBK)	ND		125	109		ug/L		87	71 - 125
Acetone	ND	F2	125	99.1		ug/L		79	56 - 142
Benzene	ND	F2	25.0	22.1		ug/L		89	71 - 124
Bromodichloromethane	ND	F2	25.0	23.3		ug/L		93	80 - 122
Bromoform	ND	F2	25.0	21.8		ug/L		87	61 - 132
Bromomethane	ND		25.0	29.6		ug/L		118	55 - 144
Carbon disulfide	ND	F2	25.0	22.3		ug/L		89	59 - 134
Carbon tetrachloride	ND	F2	25.0	22.6		ug/L		91	72 - 134
Chlorobenzene	ND	F2	25.0	20.8		ug/L		83	80 - 120
Dibromochloromethane	ND	F2	25.0	22.7		ug/L		91	75 - 125
Chloroethane	ND		25.0	27.0		ug/L		108	69 - 136
Chloroform	ND	F2	25.0	21.5		ug/L		86	73 - 127

Eurofins TestAmerica, Buffalo

QC Sample Results

Client: O'Brien & Gere Inc of North America
Project/Site: Forest Glen Monitoring

Job ID: 480-171390-1

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

Lab Sample ID: 480-171390-1 MS

Matrix: Water

Analysis Batch: 537243

Client Sample ID: MW8DMS061720

Prep Type: Total/NA

Analyte	Sample	Sample	Spike Added	MS	MS	Unit	D	%Rec	%Rec. Limits
	Result	Qualifier		Result	Qualifier				
Chloromethane	ND		25.0	28.0		ug/L		112	68 - 124
cis-1,2-Dichloroethene	ND	F2	25.0	23.6		ug/L		94	74 - 124
cis-1,3-Dichloropropene	ND	F2	25.0	20.9		ug/L		84	74 - 124
Cyclohexane	ND	F2	25.0	20.8		ug/L		83	59 - 135
Dichlorodifluoromethane	ND		25.0	27.0		ug/L		108	59 - 135
Ethylbenzene	ND	F2	25.0	21.1		ug/L		84	77 - 123
1,2-Dibromoethane	ND	F1 F2	25.0	22.3		ug/L		89	77 - 120
Isopropylbenzene	ND	F2	25.0	20.8		ug/L		83	77 - 122
Methyl acetate	ND	F2	50.0	40.9		ug/L		82	74 - 133
Methyl tert-butyl ether	ND		25.0	22.8		ug/L		91	77 - 120
Methylcyclohexane	ND		25.0	21.7		ug/L		87	68 - 134
Methylene Chloride	ND	F2	25.0	23.9		ug/L		95	75 - 124
Styrene	ND	F1 F2	25.0	21.5		ug/L		86	80 - 120
Tetrachloroethene	ND	F2	25.0	21.6		ug/L		87	74 - 122
Toluene	ND	F2	25.0	21.2		ug/L		85	80 - 122
trans-1,2-Dichloroethene	ND	F2	25.0	22.6		ug/L		90	73 - 127
trans-1,3-Dichloropropene	ND	F2	25.0	20.4		ug/L		82	80 - 120
Trichloroethene	ND	F2	25.0	22.3		ug/L		89	74 - 123
Trichlorofluoromethane	ND		25.0	27.6		ug/L		110	62 - 150
Vinyl chloride	ND		25.0	29.3		ug/L		117	65 - 133

Surrogate	MS %Recovery	MS Qualifier	Limits
Toluene-d8 (Surr)	97		80 - 120
1,2-Dichloroethane-d4 (Surr)	102		77 - 120
4-Bromofluorobenzene (Surr)	102		73 - 120
Dibromofluoromethane (Surr)	104		75 - 123

Lab Sample ID: 480-171390-1 MSD

Matrix: Water

Analysis Batch: 537243

Client Sample ID: MW8DMSD061720

Prep Type: Total/NA

Analyte	Sample	Sample	Spike Added	MSD	MSD	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
	Result	Qualifier		Result	Qualifier						
1,1,1-Trichloroethane	ND	F2	25.0	30.1	F2	ug/L		120	73 - 126	29	15
1,1,2,2-Tetrachloroethane	ND	F2	25.0	29.5	F2	ug/L		118	76 - 120	28	15
1,1,2-Trichloroethane	ND	F2	25.0	30.1	F2	ug/L		121	76 - 122	33	15
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		25.0	26.5		ug/L		106	61 - 148	16	20
1,1-Dichloroethane	0.47	J F2	25.0	30.1	F2	ug/L		119	77 - 120	24	20
1,1-Dichloroethene	ND	F2	25.0	29.4	F2	ug/L		118	66 - 127	24	16
1,2,4-Trichlorobenzene	ND	F2	25.0	29.4	F2	ug/L		118	79 - 122	30	20
1,2-Dibromo-3-Chloropropane	ND	F2	25.0	28.5	F2	ug/L		114	56 - 134	27	15
1,2-Dichlorobenzene	ND	F2	25.0	29.0	F2	ug/L		116	80 - 124	31	20
1,2-Dichloroethane	ND	F2	25.0	28.8	F2	ug/L		115	75 - 120	28	20
1,2-Dichloropropane	ND	F2	25.0	30.0	F2	ug/L		120	76 - 120	34	20
1,3-Dichlorobenzene	ND	F2	25.0	28.6	F2	ug/L		114	77 - 120	32	20
1,4-Dichlorobenzene	ND	F2	25.0	27.7	F2	ug/L		111	78 - 124	32	20
2-Butanone (MEK)	ND	F2	125	150	F2	ug/L		120	57 - 140	36	20
2-Hexanone	ND	F2	125	144	F2	ug/L		115	65 - 127	36	15
4-Methyl-2-pentanone (MIBK)	ND		125	147		ug/L		118	71 - 125	30	35

Eurofins TestAmerica, Buffalo

QC Sample Results

Client: O'Brien & Gere Inc of North America
 Project/Site: Forest Glen Monitoring

Job ID: 480-171390-1

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

Lab Sample ID: 480-171390-1 MSD

Client Sample ID: MW8DMSD061720

Matrix: Water

Prep Type: Total/NA

Analysis Batch: 537243

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec.	RPD	RPD
	Result	Qualifier	Added	Result	Qualifier				Limits		Limit
Acetone	ND	F2	125	135	F2	ug/L		108	56 - 142	30	15
Benzene	ND	F2	25.0	29.5	F2	ug/L		118	71 - 124	28	13
Bromodichloromethane	ND	F2	25.0	30.6	F2	ug/L		122	80 - 122	27	15
Bromoform	ND	F2	25.0	31.1	F2	ug/L		125	61 - 132	35	15
Bromomethane	ND		25.0	26.2		ug/L		105	55 - 144	12	15
Carbon disulfide	ND	F2	25.0	29.2	F2	ug/L		117	59 - 134	27	15
Carbon tetrachloride	ND	F2	25.0	29.5	F2	ug/L		118	72 - 134	26	15
Chlorobenzene	ND	F2	25.0	29.0	F2	ug/L		116	80 - 120	33	25
Dibromochloromethane	ND	F2	25.0	31.3	F2	ug/L		125	75 - 125	32	15
Chloroethane	ND		25.0	25.3		ug/L		101	69 - 136	6	15
Chloroform	ND	F2	25.0	27.7	F2	ug/L		111	73 - 127	25	20
Chloromethane	ND		25.0	25.2		ug/L		101	68 - 124	11	15
cis-1,2-Dichloroethene	ND	F2	25.0	29.6	F2	ug/L		118	74 - 124	23	15
cis-1,3-Dichloropropene	ND	F2	25.0	30.0	F2	ug/L		120	74 - 124	36	15
Cyclohexane	ND	F2	25.0	26.6	F2	ug/L		106	59 - 135	24	20
Dichlorodifluoromethane	ND		25.0	25.2		ug/L		101	59 - 135	7	20
Ethylbenzene	ND	F2	25.0	29.2	F2	ug/L		117	77 - 123	32	15
1,2-Dibromoethane	ND	F1 F2	25.0	31.6	F1 F2	ug/L		126	77 - 120	34	15
Isopropylbenzene	ND	F2	25.0	27.6	F2	ug/L		110	77 - 122	28	20
Methyl acetate	ND	F2	50.0	56.0	F2	ug/L		112	74 - 133	31	20
Methyl tert-butyl ether	ND		25.0	28.8		ug/L		115	77 - 120	23	37
Methylcyclohexane	ND		25.0	26.6		ug/L		106	68 - 134	20	20
Methylene Chloride	ND	F2	25.0	30.6	F2	ug/L		122	75 - 124	25	15
Styrene	ND	F1 F2	25.0	30.3	F1 F2	ug/L		121	80 - 120	34	20
Tetrachloroethene	ND	F2	25.0	30.3	F2	ug/L		121	74 - 122	33	20
Toluene	ND	F2	25.0	29.1	F2	ug/L		116	80 - 122	31	15
trans-1,2-Dichloroethene	ND	F2	25.0	30.0	F2	ug/L		120	73 - 127	28	20
trans-1,3-Dichloropropene	ND	F2	25.0	29.5	F2	ug/L		118	80 - 120	37	15
Trichloroethene	ND	F2	25.0	29.5	F2	ug/L		118	74 - 123	28	16
Trichlorofluoromethane	ND		25.0	25.8		ug/L		103	62 - 150	6	20
Vinyl chloride	ND		25.0	26.4		ug/L		106	65 - 133	10	15

Surrogate	MSD	MSD	Limits
	%Recovery	Qualifier	
Toluene-d8 (Surr)	97		80 - 120
1,2-Dichloroethane-d4 (Surr)	98		77 - 120
4-Bromofluorobenzene (Surr)	99		73 - 120
Dibromofluoromethane (Surr)	98		75 - 123

QC Association Summary

Client: O'Brien & Gere Inc of North America
 Project/Site: Forest Glen Monitoring

Job ID: 480-171390-1

GC/MS VOA

Analysis Batch: 537243

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-171390-1	MW8D061720	Total/NA	Water	8260C	
480-171390-4	MW8DD061720	Total/NA	Water	8260C	
480-171390-5	MW7D061720	Total/NA	Water	8260C	
480-171390-6	MW7S061720	Total/NA	Water	8260C	
480-171390-7	MW4S061720	Total/NA	Water	8260C	
480-171390-8	MW10D061720	Total/NA	Water	8260C	
480-171390-9	MW4D061720	Total/NA	Water	8260C	
480-171390-10	MW10S061720	Total/NA	Water	8260C	
480-171390-11	Trip Blank	Total/NA	Water	8260C	
480-171390-12	MW8S061720	Total/NA	Water	8260C	
480-171390-13	MW7DD061720	Total/NA	Water	8260C	
MB 480-537243/8	Method Blank	Total/NA	Water	8260C	
LCS 480-537243/6	Lab Control Sample	Total/NA	Water	8260C	
480-171390-1 MS	MW8DMS061720	Total/NA	Water	8260C	
480-171390-1 MSD	MW8DMSD061720	Total/NA	Water	8260C	

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14
- 15

Lab Chronicle

Client: O'Brien & Gere Inc of North America
Project/Site: Forest Glen Monitoring

Job ID: 480-171390-1

Client Sample ID: MW8D061720

Lab Sample ID: 480-171390-1

Date Collected: 06/17/20 09:00

Matrix: Water

Date Received: 06/18/20 11:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	537243	06/22/20 14:31	WJD	TAL BUF

Client Sample ID: MW8DD061720

Lab Sample ID: 480-171390-4

Date Collected: 06/17/20 09:15

Matrix: Water

Date Received: 06/18/20 11:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	537243	06/22/20 14:55	WJD	TAL BUF

Client Sample ID: MW7D061720

Lab Sample ID: 480-171390-5

Date Collected: 06/17/20 13:10

Matrix: Water

Date Received: 06/18/20 11:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	537243	06/22/20 15:19	WJD	TAL BUF

Client Sample ID: MW7S061720

Lab Sample ID: 480-171390-6

Date Collected: 06/17/20 14:30

Matrix: Water

Date Received: 06/18/20 11:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	537243	06/22/20 15:43	WJD	TAL BUF

Client Sample ID: MW4S061720

Lab Sample ID: 480-171390-7

Date Collected: 06/17/20 13:10

Matrix: Water

Date Received: 06/18/20 11:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	537243	06/22/20 16:07	WJD	TAL BUF

Client Sample ID: MW10D061720

Lab Sample ID: 480-171390-8

Date Collected: 06/17/20 14:30

Matrix: Water

Date Received: 06/18/20 11:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	537243	06/22/20 16:31	WJD	TAL BUF

Client Sample ID: MW4D061720

Lab Sample ID: 480-171390-9

Date Collected: 06/17/20 16:15

Matrix: Water

Date Received: 06/18/20 11:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	537243	06/22/20 16:56	WJD	TAL BUF

Lab Chronicle

Client: O'Brien & Gere Inc of North America
 Project/Site: Forest Glen Monitoring

Job ID: 480-171390-1

Client Sample ID: MW10S061720

Lab Sample ID: 480-171390-10

Date Collected: 06/17/20 09:10

Matrix: Water

Date Received: 06/18/20 11:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	537243	06/22/20 17:20	WJD	TAL BUF

Client Sample ID: Trip Blank

Lab Sample ID: 480-171390-11

Date Collected: 06/17/20 00:00

Matrix: Water

Date Received: 06/18/20 11:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	537243	06/22/20 17:44	WJD	TAL BUF

Client Sample ID: MW8S061720

Lab Sample ID: 480-171390-12

Date Collected: 06/17/20 12:15

Matrix: Water

Date Received: 06/18/20 11:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	537243	06/22/20 18:08	WJD	TAL BUF

Client Sample ID: MW7DD061720

Lab Sample ID: 480-171390-13

Date Collected: 06/17/20 11:20

Matrix: Water

Date Received: 06/18/20 11:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	537243	06/22/20 18:32	WJD	TAL BUF

Laboratory References:

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

Accreditation/Certification Summary

Client: O'Brien & Gere Inc of North America
Project/Site: Forest Glen Monitoring

Job ID: 480-171390-1

Laboratory: Eurofins TestAmerica, Buffalo

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

Authority	Program	Identification Number	Expiration Date
New York	NELAP	10026	04-02-21

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14
- 15

Method Summary

Client: O'Brien & Gere Inc of North America
Project/Site: Forest Glen Monitoring

Job ID: 480-171390-1

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

Protocol References:

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

Laboratory References:

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



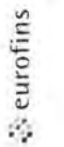
Sample Summary

Client: O'Brien & Gere Inc of North America
Project/Site: Forest Glen Monitoring

Job ID: 480-171390-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Asset ID
480-171390-1	MW8D061720	Water	06/17/20 09:00	06/18/20 11:10	
480-171390-4	MW8DD061720	Water	06/17/20 09:15	06/18/20 11:10	
480-171390-5	MW7D061720	Water	06/17/20 13:10	06/18/20 11:10	
480-171390-6	MW7S061720	Water	06/17/20 14:30	06/18/20 11:10	
480-171390-7	MW4S061720	Water	06/17/20 13:10	06/18/20 11:10	
480-171390-8	MW10D061720	Water	06/17/20 14:30	06/18/20 11:10	
480-171390-9	MW4D061720	Water	06/17/20 16:15	06/18/20 11:10	
480-171390-10	MW10S061720	Water	06/17/20 09:10	06/18/20 11:10	
480-171390-11	Trip Blank	Water	06/17/20 00:00	06/18/20 11:10	
480-171390-12	MW8S061720	Water	06/17/20 12:15	06/18/20 11:10	
480-171390-13	MW7DD061720	Water	06/17/20 11:20	06/18/20 11:10	

Chain of Custody Record



Client Information 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: yun.veliz@ramboll.com Project Name: Forest Glen Monitoring Site:		Lab PM: Schove, John R E-Mail: john.schove@testamericainc.com Carrier Tracking No(s): COC No: 480-147001-26531.2 Page 1 of 3 Job #	
Due Date Requested: TAT Requested (days): PO #: 91902546 WO #: Project #: 48002808 SSOV#:		Analysis Requested Total Number of Containers:	
Sample Identification		Field Filtered Sample (Yes or No) Perform MS/MSD (Yes or No) B26C - TCL Volatiles	
Sample ID MW 8D 061720 MW 8D MS 061720 MW 8D MS 061720 MW 8DD 061720 MW 7DD 061720 MW 8S 061720 MW 7D 061720 MW 7S 061720 MW 4S 061720 MW 10D 061820 MW 4D 061820	Sample Date 6-17-20 6-17-20 6-17-20 6-17-20 6-17-20 6-17-20 6-17-20 6-17-20 6-17-20 6-18-20 6-18-20	Sample Time 9:00 9:00 9:00 9:15 11:20 12:15 13:10 14:30 16:15 9:10 9:20	Preservation Code: G G G G G G G G G G G G G
Matrix (W=water, S=solid, O=wastewater, BT=tissue, A=air)		Special Instructions/Note: 480-171390 Chain of Custody	
Possible Hazard Identification <input type="checkbox"/> Non-Hazard <input type="checkbox"/> Flammable <input type="checkbox"/> Skin Irritant <input type="checkbox"/> Poison B <input type="checkbox"/> Unknown <input type="checkbox"/> Radiological		Sample Disposal (A fee may be assessed if samples are retained longer than 1 month) <input type="checkbox"/> Return To Client <input type="checkbox"/> Disposal By Lab <input type="checkbox"/> 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>Maata Kowacki</i>	Date: 6-18-20 / 10:35	Received by: <i>Kowacki</i>	Date/Time: 6/18/20 10:35 Company: <i>CBG</i>
Relinquished by: <i>Kowacki</i>	Date/Time: 6/18/20 / 11:10	Received by: <i>Kowacki</i>	Date/Time: 6/18/20 11:10 Company: <i>CBG</i>
Relinquished by: <i>Kowacki</i>	Date/Time: 6/18/20 / 11:10	Received by: <i>Kowacki</i>	Date/Time: 6/18/20 11:10 Company: <i>CBG</i>
Custody Seals Intact: Δ Yes Δ No		Cooler Temperature(s) °C and Other Remarks: 5.7 #1	



Client Information Client Contact: Mr. Yuri Veliz 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@ramboll.com Project Name: Forest Glen Monitoring Site:		Sampler: MAETW Koenneke Phone: 315-724-1300 Lab PM: Schove, John R E-Mail: john.schove@testamericainc.com Carrier Tracking No(s): COC No: 480-147001-26531.3 Page 3 of 3 Job #:		Analysis Requested Field Filtered Sample (Yes or No) <input checked="" type="checkbox"/> A Perform MS/MSD (Yes or No) <input checked="" type="checkbox"/> A 8260C - TCL Volatiles <input checked="" type="checkbox"/> A Total Number of Containers	
Due Date Requested: TAT Requested (days): PO #: 91902546 WO #: Project #: 48002808 SSON#:		Sample Identification MW10S061820 QC TRIP Blank		Sample Date 6-18-20 Sample Time 9:55 Sample Type G=grab Matrix (W=water, S=solid, O=soil, BT=Tissue, A=Air) Water Water	
Possible Hazard Identification <input type="checkbox"/> Non-Hazard <input type="checkbox"/> Flammable <input type="checkbox"/> Skin Irritant <input type="checkbox"/> Poison B <input type="checkbox"/> Unknown <input type="checkbox"/> Radiological		Sample Disposal (A fee may be assessed if samples are retained longer than 1 month) <input type="checkbox"/> Return To Client <input type="checkbox"/> Disposal By Lab <input type="checkbox"/> Archive For _____ Months		Special Instructions/Note:	
Deliverable Requested: I, II, III, IV, Other (specify)		Special Instructions/OC Requirements:		Method of Shipment:	
Empty Kit Relinquished by: Marta Kumbhe		Date: 6-18-20/10:35		Received by: [Signature]	
Relinquished by: [Signature]		Date/Time: 6/18/20/11:10		Received by: [Signature]	
Relinquished by: [Signature]		Date/Time: 6/18/20 10:35		Received by: [Signature]	
Custody Seals Intact: Δ Yes Δ No		Custody Seal No.:		Cooler Temperature(s) °C and Other Remarks: 5.7 #1	



Login Sample Receipt Checklist

Client: O'Brien & Gere Inc of North America

Job Number: 480-171390-1

Login Number: 171390

List Source: Eurofins TestAmerica, Buffalo

List Number: 1

Creator: Sabuda, Brendan D

Question	Answer	Comment
Radioactivity either was not measured or, if measured, is at or below background	True	
The cooler's custody seal, if present, is intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	5.7 #1 ICE
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time (Excluding tests with immediate HTs)..	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	True	
If necessary, staff have been informed of any short hold time or quick TAT needs	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Sampling Company provided.	True	OBG
Samples received within 48 hours of sampling.	True	
Samples requiring field filtration have been filtered in the field.	True	
Chlorine Residual checked.	N/A	



ANALYTICAL REPORT

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

Laboratory Job ID: 480-175538-1
Client Project/Site: Forest Glen Monitoring

For:
O'Brien & Gere Inc of North America
333 West Washington St.
PO BOX 4873
East Syracuse, New York 13221

Attn: Mr. David J Carnevale



Authorized for release by:
10/6/2020 2:44:11 PM
Rebecca Jones, Project Management Assistant I
Rebecca.Jones@Eurofinset.com
Designee for
John Schove, Project Manager II
(716)504-9838
John.Schove@Eurofinset.com

LINKS

Review your project
results through
TotalAccess

Have a Question?



Visit us at:
www.eurofinsus.com/Env

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

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

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



Table of Contents

Cover Page	1
Table of Contents	2
Definitions/Glossary	3
Case Narrative	4
Detection Summary	5
Client Sample Results	8
Surrogate Summary	27
QC Sample Results	28
QC Association Summary	38
Lab Chronicle	41
Certification Summary	45
Method Summary	46
Sample Summary	47
Detection Limit Exceptions Summary	48
Chain of Custody	49
Receipt Checklists	51

Definitions/Glossary

Client: O'Brien & Gere Inc of North America
Project/Site: Forest Glen Monitoring

Job ID: 480-175538-1

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
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: O'Brien & Gere Inc of North America
Project/Site: Forest Glen Monitoring

Job ID: 480-175538-1

Job ID: 480-175538-1

Laboratory: Eurofins TestAmerica, Buffalo

Narrative

Job Narrative 480-175538-1

Comments

No additional comments.

Receipt

The samples were received on 9/23/2020 5:00 PM; the samples arrived in good condition, and where required, properly preserved and on ice. The temperatures of the 2 coolers at receipt time were 3.9° C and 4.6° C.

GC/MS VOA

Method 8260C: The continuing calibration verification (CCV) associated with batch 480-551072 recovered above the upper control limit for 2-Hexanone and Cyclohexane. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated samples are impacted: MW1D 092220 (480-175538-1), MW1S 092220 (480-175538-2), MW6D 092220 (480-175538-3), MW10D 092220 (480-175538-4), MW6DD 092220 (480-175538-5), MW10S 092320 (480-175538-6), MW5D 092320 (480-175538-7), X-1 092320 (480-175538-8), MW6S 092320 (480-175538-9), MW4D 092320 (480-175538-10), MW8DD 092320 (480-175538-11), MW8D 092320 (480-175538-12) and TRIP BLANK (480-175538-13).

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

HPLC/IC

Method 300.0: The following samples were diluted to bring the concentration of target analytes within the calibration range: MW1D 092220 (480-175538-1), MW1S 092220 (480-175538-2), MW6D 092220 (480-175538-3), MW10D 092220 (480-175538-4), MW6DD 092220 (480-175538-5), MW10S 092320 (480-175538-6), MW5D 092320 (480-175538-7), X-1 092320 (480-175538-8), MW6S 092320 (480-175538-9), MW4D 092320 (480-175538-10), MW8DD 092320 (480-175538-11) and MW8D 092320 (480-175538-12). 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.

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: MW1D 092220 (480-175538-1), MW1S 092220 (480-175538-2), MW6D 092220 (480-175538-3), MW10D 092220 (480-175538-4), MW10D 092220 (480-175538-4[MS]), MW10D 092220 (480-175538-4[MSD]), MW6DD 092220 (480-175538-5), MW10S 092320 (480-175538-6), MW5D 092320 (480-175538-7) and (480-175538-B-7 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: MW1D 092220 (480-175538-1), MW1S 092220 (480-175538-2), MW6D 092220 (480-175538-3), MW6DD 092220 (480-175538-5), MW10S 092320 (480-175538-6), MW5D 092320 (480-175538-7) and X-1 092320 (480-175538-8).

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: MW1D 092220 (480-175538-1), MW1S 092220 (480-175538-2), MW6D 092220 (480-175538-3), MW10D 092220 (480-175538-4), MW10S 092320 (480-175538-6) and MW5D 092320 (480-175538-7).

Method SM 5310C: The matrix spike / matrix spike duplicate (MS/MSD) precision for analytical batch 480-551956 was outside control limits. Sample non-homogeneity is suspected.

Method SM 5310C: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for analytical batch 480-551956 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits. These sample and spikes were re-analyzed with similar results. Secondary data included.

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: 480-175538-1

Client Sample ID: MW1D 092220

Lab Sample ID: 480-175538-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methyl tert-butyl ether	0.77	J	1.0	0.16	ug/L	1		8260C	Total/NA
Chloride	250		2.5	1.4	mg/L	5		300.0	Total/NA
Sulfate	168		10.0	1.7	mg/L	5		300.0	Total/NA
Alkalinity, Bicarbonate	360		50.0	20.0	mg/L	5		310.2_ASP	Total/NA
Dissolved Organic Carbon - Duplicate	4.2		1.0	0.43	mg/L	1		SM 5310C	Dissolved

Client Sample ID: MW1S 092220

Lab Sample ID: 480-175538-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	1240		10.0	5.6	mg/L	20		300.0	Total/NA
Sulfate	269		40.0	7.0	mg/L	20		300.0	Total/NA
Alkalinity, Bicarbonate	360		50.0	20.0	mg/L	5		310.2_ASP	Total/NA
Dissolved Organic Carbon - Duplicate	4.5		1.0	0.43	mg/L	1		SM 5310C	Dissolved

Client Sample ID: MW6D 092220

Lab Sample ID: 480-175538-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	0.47	J	1.0	0.38	ug/L	1		8260C	Total/NA
cis-1,2-Dichloroethene	1.0		1.0	0.81	ug/L	1		8260C	Total/NA
Vinyl chloride	0.91	J	1.0	0.90	ug/L	1		8260C	Total/NA
Chloride	245		2.5	1.4	mg/L	5		300.0	Total/NA
Sulfate	233		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	4.2		1.0	0.43	mg/L	1		SM 5310C	Dissolved

Client Sample ID: MW10D 092220

Lab Sample ID: 480-175538-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methyl tert-butyl ether	0.27	J	1.0	0.16	ug/L	1		8260C	Total/NA
Chloride	382		5.0	2.8	mg/L	10		300.0	Total/NA
Sulfate	229		20.0	3.5	mg/L	10		300.0	Total/NA
Alkalinity, Bicarbonate	333		50.0	20.0	mg/L	5		310.2_ASP	Total/NA
Dissolved Organic Carbon - Duplicate	3.2	F1 F2	1.0	0.43	mg/L	1		SM 5310C	Dissolved
Dissolved Organic Carbon - Duplicate	3.1	F2 F1	1.0	0.43	mg/L	1		SM 5310C	Dissolved

Client Sample ID: MW6DD 092220

Lab Sample ID: 480-175538-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	0.41	J	1.0	0.38	ug/L	1		8260C	Total/NA
cis-1,2-Dichloroethene	16		1.0	0.81	ug/L	1		8260C	Total/NA
Methyl tert-butyl ether	0.20	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
Chloride	310		2.5	1.4	mg/L	5		300.0	Total/NA
Sulfate	252		10.0	1.7	mg/L	5		300.0	Total/NA
Alkalinity, Bicarbonate	322	B	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	6.6		1.0	0.43	mg/L	1		SM 5310C	Dissolved

Client Sample ID: MW10S 092320

Lab Sample ID: 480-175538-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	24		1.0	0.81	ug/L	1		8260C	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins TestAmerica, Buffalo

Detection Summary

Client: O'Brien & Gere Inc of North America
Project/Site: Forest Glen Monitoring

Job ID: 480-175538-1

Client Sample ID: MW10S 092320 (Continued)

Lab Sample ID: 480-175538-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Vinyl chloride	4.0		1.0	0.90	ug/L	1		8260C	Total/NA
Chloride	105		2.5	1.4	mg/L	5		300.0	Total/NA
Sulfate	485		10.0	1.7	mg/L	5		300.0	Total/NA
Alkalinity, Bicarbonate	446	B	50.0	20.0	mg/L	5		310.2_ASP	Total/NA
Dissolved Organic Carbon - Duplicate	3.9		1.0	0.43	mg/L	1		SM 5310C	Dissolved

Client Sample ID: MW5D 092320

Lab Sample ID: 480-175538-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	0.46	J	1.0	0.38	ug/L	1		8260C	Total/NA
Methyl tert-butyl ether	0.45	J	1.0	0.16	ug/L	1		8260C	Total/NA
Chloride	191		2.5	1.4	mg/L	5		300.0	Total/NA
Sulfate	198		10.0	1.7	mg/L	5		300.0	Total/NA
Alkalinity, Bicarbonate	380	B	50.0	20.0	mg/L	5		310.2_ASP	Total/NA
Dissolved Organic Carbon - Duplicate	4.6		1.0	0.43	mg/L	1		SM 5310C	Dissolved

Client Sample ID: X-1 092320

Lab Sample ID: 480-175538-8

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	0.22	J	1.0	0.16	ug/L	1		8260C	Total/NA
Vinyl chloride	3.1		1.0	0.90	ug/L	1		8260C	Total/NA
Chloride	105		2.5	1.4	mg/L	5		300.0	Total/NA
Sulfate	488		10.0	1.7	mg/L	5		300.0	Total/NA
Alkalinity, Bicarbonate	450	B	50.0	20.0	mg/L	5		310.2_ASP	Total/NA
Dissolved Organic Carbon - Duplicate	5.2		1.0	0.43	mg/L	1		SM 5310C	Dissolved

Client Sample ID: MW6S 092320

Lab Sample ID: 480-175538-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	11		1.0	0.81	ug/L	1		8260C	Total/NA
Vinyl chloride	23		1.0	0.90	ug/L	1		8260C	Total/NA
Chloride	40.8		2.5	1.4	mg/L	5		300.0	Total/NA
Sulfate	198		10.0	1.7	mg/L	5		300.0	Total/NA
Alkalinity, Bicarbonate	433	B	50.0	20.0	mg/L	5		310.2_ASP	Total/NA
Dissolved Organic Carbon - Duplicate	5.8		1.0	0.43	mg/L	1		SM 5310C	Dissolved

Client Sample ID: MW4D 092320

Lab Sample ID: 480-175538-10

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methyl tert-butyl ether	0.38	J	1.0	0.16	ug/L	1		8260C	Total/NA
Chloride	287		2.5	1.4	mg/L	5		300.0	Total/NA
Sulfate	301		10.0	1.7	mg/L	5		300.0	Total/NA
Alkalinity, Bicarbonate	360	B	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	3.4		1.0	0.43	mg/L	1		SM 5310C	Dissolved

Client Sample ID: MW8DD 092320

Lab Sample ID: 480-175538-11

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	112		5.0	2.8	mg/L	10		300.0	Total/NA
Sulfate	952		20.0	3.5	mg/L	10		300.0	Total/NA
Alkalinity, Bicarbonate	281	B	50.0	20.0	mg/L	5		310.2_ASP	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins TestAmerica, Buffalo

Detection Summary

Client: O'Brien & Gere Inc of North America
Project/Site: Forest Glen Monitoring

Job ID: 480-175538-1

Client Sample ID: MW8DD 092320 (Continued)

Lab Sample ID: 480-175538-11

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Dissolved Organic Carbon - Duplicate	5.2		1.0	0.43	mg/L	1		SM 5310C	Dissolved

Client Sample ID: MW8D 092320

Lab Sample ID: 480-175538-12

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	0.84	J	1.0	0.38	ug/L	1		8260C	Total/NA
Methyl tert-butyl ether	0.27	J	1.0	0.16	ug/L	1		8260C	Total/NA
Chloride	351		2.5	1.4	mg/L	5		300.0	Total/NA
Sulfate	244		10.0	1.7	mg/L	5		300.0	Total/NA
Alkalinity, Bicarbonate	328	B	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: TRIP BLANK

Lab Sample ID: 480-175538-13

No Detections.

This Detection Summary does not include radiochemical test results.

Euofins TestAmerica, Buffalo

Client Sample Results

Client: O'Brien & Gere Inc of North America
 Project/Site: Forest Glen Monitoring

Job ID: 480-175538-1

Client Sample ID: MW1D 092220

Lab Sample ID: 480-175538-1

Date Collected: 09/22/20 09:50

Matrix: Water

Date Received: 09/23/20 17:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			09/25/20 00:52	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			09/25/20 00:52	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			09/25/20 00:52	1
1,1,2-Trichlorotrifluoroethane	ND		1.0	0.31	ug/L			09/25/20 00:52	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			09/25/20 00:52	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			09/25/20 00:52	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			09/25/20 00:52	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			09/25/20 00:52	1
1,2-Dibromoethane (EDB)	ND		1.0	0.73	ug/L			09/25/20 00:52	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			09/25/20 00:52	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			09/25/20 00:52	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			09/25/20 00:52	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			09/25/20 00:52	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			09/25/20 00:52	1
2-Hexanone	ND		5.0	1.2	ug/L			09/25/20 00:52	1
2-Butanone (MEK)	ND		10	1.3	ug/L			09/25/20 00:52	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			09/25/20 00:52	1
Acetone	ND		10	3.0	ug/L			09/25/20 00:52	1
Benzene	ND		1.0	0.41	ug/L			09/25/20 00:52	1
Bromodichloromethane	ND		1.0	0.39	ug/L			09/25/20 00:52	1
Bromoform	ND		1.0	0.26	ug/L			09/25/20 00:52	1
Bromomethane	ND		1.0	0.69	ug/L			09/25/20 00:52	1
Carbon disulfide	ND		1.0	0.19	ug/L			09/25/20 00:52	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			09/25/20 00:52	1
Chlorobenzene	ND		1.0	0.75	ug/L			09/25/20 00:52	1
Chlorodibromomethane	ND		1.0	0.32	ug/L			09/25/20 00:52	1
Chloroethane	ND		1.0	0.32	ug/L			09/25/20 00:52	1
Chloroform	ND		1.0	0.34	ug/L			09/25/20 00:52	1
Chloromethane	ND		1.0	0.35	ug/L			09/25/20 00:52	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			09/25/20 00:52	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			09/25/20 00:52	1
Cyclohexane	ND		1.0	0.18	ug/L			09/25/20 00:52	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			09/25/20 00:52	1
Ethylbenzene	ND		1.0	0.74	ug/L			09/25/20 00:52	1
Isopropylbenzene	ND		1.0	0.79	ug/L			09/25/20 00:52	1
Methyl acetate	ND		1.3	1.3	ug/L			09/25/20 00:52	1
Methyl tert-butyl ether	0.77	J	1.0	0.16	ug/L			09/25/20 00:52	1
Methylcyclohexane	ND		1.0	0.16	ug/L			09/25/20 00:52	1
Methylene Chloride	ND		1.0	0.44	ug/L			09/25/20 00:52	1
Styrene	ND		1.0	0.73	ug/L			09/25/20 00:52	1
Tetrachloroethene	ND		1.0	0.36	ug/L			09/25/20 00:52	1
Toluene	ND		1.0	0.51	ug/L			09/25/20 00:52	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			09/25/20 00:52	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			09/25/20 00:52	1
Trichloroethene	ND		1.0	0.46	ug/L			09/25/20 00:52	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			09/25/20 00:52	1
Vinyl chloride	ND		1.0	0.90	ug/L			09/25/20 00:52	1
Xylenes, Total	ND		2.0	0.66	ug/L			09/25/20 00:52	1

Client Sample Results

Client: O'Brien & Gere Inc of North America
Project/Site: Forest Glen Monitoring

Job ID: 480-175538-1

Client Sample ID: MW1D 092220

Lab Sample ID: 480-175538-1

Date Collected: 09/22/20 09:50

Matrix: Water

Date Received: 09/23/20 17:00

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	99		77 - 120		09/25/20 00:52	1
Toluene-d8 (Surr)	100		80 - 120		09/25/20 00:52	1
4-Bromofluorobenzene (Surr)	97		73 - 120		09/25/20 00:52	1
Dibromofluoromethane (Surr)	95		75 - 123		09/25/20 00:52	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	250		2.5	1.4	mg/L			10/01/20 21:35	5
Sulfate	168		10.0	1.7	mg/L			10/01/20 21:35	5
Alkalinity, Bicarbonate	360		50.0	20.0	mg/L			09/28/20 15:28	5
Nitrate as N	ND	H	0.050	0.020	mg/L			09/24/20 14:00	1
Nitrite as N	ND	H	0.050	0.020	mg/L			09/24/20 14:00	1
Sulfide	ND		1.0	0.67	mg/L			09/28/20 12:40	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dissolved Organic Carbon - Duplicate	4.2		1.0	0.43	mg/L			09/25/20 13:50	1

Client Sample ID: MW1S 092220

Lab Sample ID: 480-175538-2

Date Collected: 09/22/20 09:55

Matrix: Water

Date Received: 09/23/20 17:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			09/25/20 01:16	1
1,1,1,2-Tetrachloroethane	ND		1.0	0.21	ug/L			09/25/20 01:16	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			09/25/20 01:16	1
1,1,2-Trichlorotrifluoroethane	ND		1.0	0.31	ug/L			09/25/20 01:16	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			09/25/20 01:16	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			09/25/20 01:16	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			09/25/20 01:16	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			09/25/20 01:16	1
1,2-Dibromoethane (EDB)	ND		1.0	0.73	ug/L			09/25/20 01:16	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			09/25/20 01:16	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			09/25/20 01:16	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			09/25/20 01:16	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			09/25/20 01:16	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			09/25/20 01:16	1
2-Hexanone	ND		5.0	1.2	ug/L			09/25/20 01:16	1
2-Butanone (MEK)	ND		10	1.3	ug/L			09/25/20 01:16	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			09/25/20 01:16	1
Acetone	ND		10	3.0	ug/L			09/25/20 01:16	1
Benzene	ND		1.0	0.41	ug/L			09/25/20 01:16	1
Bromodichloromethane	ND		1.0	0.39	ug/L			09/25/20 01:16	1
Bromoform	ND		1.0	0.26	ug/L			09/25/20 01:16	1
Bromomethane	ND		1.0	0.69	ug/L			09/25/20 01:16	1
Carbon disulfide	ND		1.0	0.19	ug/L			09/25/20 01:16	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			09/25/20 01:16	1
Chlorobenzene	ND		1.0	0.75	ug/L			09/25/20 01:16	1
Chlorodibromomethane	ND		1.0	0.32	ug/L			09/25/20 01:16	1

Euofins TestAmerica, Buffalo

Client Sample Results

Client: O'Brien & Gere Inc of North America
Project/Site: Forest Glen Monitoring

Job ID: 480-175538-1

Client Sample ID: MW1S 092220

Lab Sample ID: 480-175538-2

Date Collected: 09/22/20 09:55

Matrix: Water

Date Received: 09/23/20 17:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloroethane	ND		1.0	0.32	ug/L			09/25/20 01:16	1
Chloroform	ND		1.0	0.34	ug/L			09/25/20 01:16	1
Chloromethane	ND		1.0	0.35	ug/L			09/25/20 01:16	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			09/25/20 01:16	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			09/25/20 01:16	1
Cyclohexane	ND		1.0	0.18	ug/L			09/25/20 01:16	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			09/25/20 01:16	1
Ethylbenzene	ND		1.0	0.74	ug/L			09/25/20 01:16	1
Isopropylbenzene	ND		1.0	0.79	ug/L			09/25/20 01:16	1
Methyl acetate	ND		1.3	1.3	ug/L			09/25/20 01:16	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			09/25/20 01:16	1
Methylcyclohexane	ND		1.0	0.16	ug/L			09/25/20 01:16	1
Methylene Chloride	ND		1.0	0.44	ug/L			09/25/20 01:16	1
Styrene	ND		1.0	0.73	ug/L			09/25/20 01:16	1
Tetrachloroethene	ND		1.0	0.36	ug/L			09/25/20 01:16	1
Toluene	ND		1.0	0.51	ug/L			09/25/20 01:16	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			09/25/20 01:16	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			09/25/20 01:16	1
Trichloroethene	ND		1.0	0.46	ug/L			09/25/20 01:16	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			09/25/20 01:16	1
Vinyl chloride	ND		1.0	0.90	ug/L			09/25/20 01:16	1
Xylenes, Total	ND		2.0	0.66	ug/L			09/25/20 01:16	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	104		77 - 120		09/25/20 01:16	1
Toluene-d8 (Surr)	100		80 - 120		09/25/20 01:16	1
4-Bromofluorobenzene (Surr)	95		73 - 120		09/25/20 01:16	1
Dibromofluoromethane (Surr)	98		75 - 123		09/25/20 01:16	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1240		10.0	5.6	mg/L			10/01/20 21:50	20
Sulfate	269		40.0	7.0	mg/L			10/01/20 21:50	20
Alkalinity, Bicarbonate	360		50.0	20.0	mg/L			09/28/20 15:29	5
Nitrate as N	ND	H	0.050	0.020	mg/L			09/24/20 14:01	1
Nitrite as N	ND	H	0.050	0.020	mg/L			09/24/20 14:01	1
Sulfide	ND		1.0	0.67	mg/L			09/28/20 12:40	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dissolved Organic Carbon - Duplicate	4.5		1.0	0.43	mg/L			09/25/20 14:06	1

Client Sample ID: MW6D 092220

Lab Sample ID: 480-175538-3

Date Collected: 09/22/20 12:33

Matrix: Water

Date Received: 09/23/20 17:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			09/25/20 01:40	1
1,1,1,2-Tetrachloroethane	ND		1.0	0.21	ug/L			09/25/20 01:40	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: O'Brien & Gere Inc of North America
Project/Site: Forest Glen Monitoring

Job ID: 480-175538-1

Client Sample ID: MW6D 092220

Lab Sample ID: 480-175538-3

Date Collected: 09/22/20 12:33

Matrix: Water

Date Received: 09/23/20 17:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			09/25/20 01:40	1
1,1,2-Trichlorotrifluoroethane	ND		1.0	0.31	ug/L			09/25/20 01:40	1
1,1-Dichloroethane	0.47	J	1.0	0.38	ug/L			09/25/20 01:40	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			09/25/20 01:40	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			09/25/20 01:40	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			09/25/20 01:40	1
1,2-Dibromoethane (EDB)	ND		1.0	0.73	ug/L			09/25/20 01:40	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			09/25/20 01:40	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			09/25/20 01:40	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			09/25/20 01:40	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			09/25/20 01:40	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			09/25/20 01:40	1
2-Hexanone	ND		5.0	1.2	ug/L			09/25/20 01:40	1
2-Butanone (MEK)	ND		10	1.3	ug/L			09/25/20 01:40	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			09/25/20 01:40	1
Acetone	ND		10	3.0	ug/L			09/25/20 01:40	1
Benzene	ND		1.0	0.41	ug/L			09/25/20 01:40	1
Bromodichloromethane	ND		1.0	0.39	ug/L			09/25/20 01:40	1
Bromoform	ND		1.0	0.26	ug/L			09/25/20 01:40	1
Bromomethane	ND		1.0	0.69	ug/L			09/25/20 01:40	1
Carbon disulfide	ND		1.0	0.19	ug/L			09/25/20 01:40	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			09/25/20 01:40	1
Chlorobenzene	ND		1.0	0.75	ug/L			09/25/20 01:40	1
Chlorodibromomethane	ND		1.0	0.32	ug/L			09/25/20 01:40	1
Chloroethane	ND		1.0	0.32	ug/L			09/25/20 01:40	1
Chloroform	ND		1.0	0.34	ug/L			09/25/20 01:40	1
Chloromethane	ND		1.0	0.35	ug/L			09/25/20 01:40	1
cis-1,2-Dichloroethene	1.0		1.0	0.81	ug/L			09/25/20 01:40	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			09/25/20 01:40	1
Cyclohexane	ND		1.0	0.18	ug/L			09/25/20 01:40	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			09/25/20 01:40	1
Ethylbenzene	ND		1.0	0.74	ug/L			09/25/20 01:40	1
Isopropylbenzene	ND		1.0	0.79	ug/L			09/25/20 01:40	1
Methyl acetate	ND		1.3	1.3	ug/L			09/25/20 01:40	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			09/25/20 01:40	1
Methylcyclohexane	ND		1.0	0.16	ug/L			09/25/20 01:40	1
Methylene Chloride	ND		1.0	0.44	ug/L			09/25/20 01:40	1
Styrene	ND		1.0	0.73	ug/L			09/25/20 01:40	1
Tetrachloroethene	ND		1.0	0.36	ug/L			09/25/20 01:40	1
Toluene	ND		1.0	0.51	ug/L			09/25/20 01:40	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			09/25/20 01:40	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			09/25/20 01:40	1
Trichloroethene	ND		1.0	0.46	ug/L			09/25/20 01:40	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			09/25/20 01:40	1
Vinyl chloride	0.91	J	1.0	0.90	ug/L			09/25/20 01:40	1
Xylenes, Total	ND		2.0	0.66	ug/L			09/25/20 01:40	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	103		77 - 120		09/25/20 01:40	1
Toluene-d8 (Surr)	99		80 - 120		09/25/20 01:40	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: O'Brien & Gere Inc of North America
Project/Site: Forest Glen Monitoring

Job ID: 480-175538-1

Client Sample ID: MW6D 092220

Lab Sample ID: 480-175538-3

Date Collected: 09/22/20 12:33

Matrix: Water

Date Received: 09/23/20 17:00

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

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	93		73 - 120		09/25/20 01:40	1
Dibromofluoromethane (Surr)	99		75 - 123		09/25/20 01:40	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	245		2.5	1.4	mg/L			10/01/20 22:04	5
Sulfate	233		10.0	1.7	mg/L			10/01/20 22:04	5
Alkalinity, Bicarbonate	356		50.0	20.0	mg/L			09/28/20 15:29	5
Nitrate as N	ND	H	0.050	0.020	mg/L			09/24/20 14:02	1
Nitrite as N	ND	H	0.050	0.020	mg/L			09/24/20 14:02	1
Sulfide	0.80	J	1.0	0.67	mg/L			09/28/20 12:40	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dissolved Organic Carbon - Duplicate	4.2		1.0	0.43	mg/L			09/25/20 14:21	1

Client Sample ID: MW10D 092220

Lab Sample ID: 480-175538-4

Date Collected: 09/22/20 13:10

Matrix: Water

Date Received: 09/23/20 17:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			09/25/20 02:04	1
1,1,1,2-Tetrachloroethane	ND		1.0	0.21	ug/L			09/25/20 02:04	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			09/25/20 02:04	1
1,1,2-Trichlorotrifluoroethane	ND		1.0	0.31	ug/L			09/25/20 02:04	1
1,1-Dichloroethane	ND	F1	1.0	0.38	ug/L			09/25/20 02:04	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			09/25/20 02:04	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			09/25/20 02:04	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			09/25/20 02:04	1
1,2-Dibromoethane (EDB)	ND		1.0	0.73	ug/L			09/25/20 02:04	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			09/25/20 02:04	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			09/25/20 02:04	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			09/25/20 02:04	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			09/25/20 02:04	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			09/25/20 02:04	1
2-Hexanone	ND	F1	5.0	1.2	ug/L			09/25/20 02:04	1
2-Butanone (MEK)	ND		10	1.3	ug/L			09/25/20 02:04	1
4-Methyl-2-pentanone (MIBK)	ND	F1	5.0	2.1	ug/L			09/25/20 02:04	1
Acetone	ND		10	3.0	ug/L			09/25/20 02:04	1
Benzene	ND		1.0	0.41	ug/L			09/25/20 02:04	1
Bromodichloromethane	ND		1.0	0.39	ug/L			09/25/20 02:04	1
Bromoform	ND		1.0	0.26	ug/L			09/25/20 02:04	1
Bromomethane	ND		1.0	0.69	ug/L			09/25/20 02:04	1
Carbon disulfide	ND		1.0	0.19	ug/L			09/25/20 02:04	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			09/25/20 02:04	1
Chlorobenzene	ND		1.0	0.75	ug/L			09/25/20 02:04	1
Chlorodibromomethane	ND		1.0	0.32	ug/L			09/25/20 02:04	1
Chloroethane	ND		1.0	0.32	ug/L			09/25/20 02:04	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: O'Brien & Gere Inc of North America
Project/Site: Forest Glen Monitoring

Job ID: 480-175538-1

Client Sample ID: MW10D 092220

Lab Sample ID: 480-175538-4

Date Collected: 09/22/20 13:10

Matrix: Water

Date Received: 09/23/20 17:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloroform	ND		1.0	0.34	ug/L			09/25/20 02:04	1
Chloromethane	ND	F1	1.0	0.35	ug/L			09/25/20 02:04	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			09/25/20 02:04	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			09/25/20 02:04	1
Cyclohexane	ND		1.0	0.18	ug/L			09/25/20 02:04	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			09/25/20 02:04	1
Ethylbenzene	ND		1.0	0.74	ug/L			09/25/20 02:04	1
Isopropylbenzene	ND		1.0	0.79	ug/L			09/25/20 02:04	1
Methyl acetate	ND		1.3	1.3	ug/L			09/25/20 02:04	1
Methyl tert-butyl ether	0.27	J	1.0	0.16	ug/L			09/25/20 02:04	1
Methylcyclohexane	ND		1.0	0.16	ug/L			09/25/20 02:04	1
Methylene Chloride	ND		1.0	0.44	ug/L			09/25/20 02:04	1
Styrene	ND		1.0	0.73	ug/L			09/25/20 02:04	1
Tetrachloroethene	ND		1.0	0.36	ug/L			09/25/20 02:04	1
Toluene	ND		1.0	0.51	ug/L			09/25/20 02:04	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			09/25/20 02:04	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			09/25/20 02:04	1
Trichloroethene	ND		1.0	0.46	ug/L			09/25/20 02:04	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			09/25/20 02:04	1
Vinyl chloride	ND		1.0	0.90	ug/L			09/25/20 02:04	1
Xylenes, Total	ND		2.0	0.66	ug/L			09/25/20 02:04	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	105		77 - 120		09/25/20 02:04	1
Toluene-d8 (Surr)	98		80 - 120		09/25/20 02:04	1
4-Bromofluorobenzene (Surr)	96		73 - 120		09/25/20 02:04	1
Dibromofluoromethane (Surr)	98		75 - 123		09/25/20 02:04	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	382		5.0	2.8	mg/L			10/02/20 00:45	10
Sulfate	229		20.0	3.5	mg/L			10/02/20 00:45	10
Alkalinity, Bicarbonate	333		50.0	20.0	mg/L			09/28/20 15:29	5
Nitrate as N	ND	H	0.050	0.020	mg/L			09/24/20 15:03	1
Nitrite as N	ND	H	0.050	0.020	mg/L			09/24/20 15:03	1
Sulfide	ND		1.0	0.67	mg/L			09/28/20 12:40	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dissolved Organic Carbon - Duplicate	3.2	F1 F2	1.0	0.43	mg/L			09/25/20 14:37	1
Dissolved Organic Carbon - Duplicate	3.1	F2 F1	1.0	0.43	mg/L			09/30/20 10:33	1

Client Sample ID: MW6DD 092220

Lab Sample ID: 480-175538-5

Date Collected: 09/22/20 15:00

Matrix: Water

Date Received: 09/23/20 17:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			09/25/20 02:28	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: O'Brien & Gere Inc of North America
Project/Site: Forest Glen Monitoring

Job ID: 480-175538-1

Client Sample ID: MW6DD 092220

Lab Sample ID: 480-175538-5

Date Collected: 09/22/20 15:00

Matrix: Water

Date Received: 09/23/20 17:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			09/25/20 02:28	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			09/25/20 02:28	1
1,1,2-Trichlorotrifluoroethane	ND		1.0	0.31	ug/L			09/25/20 02:28	1
1,1-Dichloroethane	0.41	J	1.0	0.38	ug/L			09/25/20 02:28	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			09/25/20 02:28	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			09/25/20 02:28	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			09/25/20 02:28	1
1,2-Dibromoethane (EDB)	ND		1.0	0.73	ug/L			09/25/20 02:28	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			09/25/20 02:28	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			09/25/20 02:28	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			09/25/20 02:28	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			09/25/20 02:28	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			09/25/20 02:28	1
2-Hexanone	ND		5.0	1.2	ug/L			09/25/20 02:28	1
2-Butanone (MEK)	ND		10	1.3	ug/L			09/25/20 02:28	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			09/25/20 02:28	1
Acetone	ND		10	3.0	ug/L			09/25/20 02:28	1
Benzene	ND		1.0	0.41	ug/L			09/25/20 02:28	1
Bromodichloromethane	ND		1.0	0.39	ug/L			09/25/20 02:28	1
Bromoform	ND		1.0	0.26	ug/L			09/25/20 02:28	1
Bromomethane	ND		1.0	0.69	ug/L			09/25/20 02:28	1
Carbon disulfide	ND		1.0	0.19	ug/L			09/25/20 02:28	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			09/25/20 02:28	1
Chlorobenzene	ND		1.0	0.75	ug/L			09/25/20 02:28	1
Chlorodibromomethane	ND		1.0	0.32	ug/L			09/25/20 02:28	1
Chloroethane	ND		1.0	0.32	ug/L			09/25/20 02:28	1
Chloroform	ND		1.0	0.34	ug/L			09/25/20 02:28	1
Chloromethane	ND		1.0	0.35	ug/L			09/25/20 02:28	1
cis-1,2-Dichloroethene	16		1.0	0.81	ug/L			09/25/20 02:28	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			09/25/20 02:28	1
Cyclohexane	ND		1.0	0.18	ug/L			09/25/20 02:28	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			09/25/20 02:28	1
Ethylbenzene	ND		1.0	0.74	ug/L			09/25/20 02:28	1
Isopropylbenzene	ND		1.0	0.79	ug/L			09/25/20 02:28	1
Methyl acetate	ND		1.3	1.3	ug/L			09/25/20 02:28	1
Methyl tert-butyl ether	0.20	J	1.0	0.16	ug/L			09/25/20 02:28	1
Methylcyclohexane	ND		1.0	0.16	ug/L			09/25/20 02:28	1
Methylene Chloride	ND		1.0	0.44	ug/L			09/25/20 02:28	1
Styrene	ND		1.0	0.73	ug/L			09/25/20 02:28	1
Tetrachloroethene	ND		1.0	0.36	ug/L			09/25/20 02:28	1
Toluene	ND		1.0	0.51	ug/L			09/25/20 02:28	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			09/25/20 02:28	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			09/25/20 02:28	1
Trichloroethene	ND		1.0	0.46	ug/L			09/25/20 02:28	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			09/25/20 02:28	1
Vinyl chloride	3.8		1.0	0.90	ug/L			09/25/20 02:28	1
Xylenes, Total	ND		2.0	0.66	ug/L			09/25/20 02:28	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	103		77 - 120		09/25/20 02:28	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: O'Brien & Gere Inc of North America
Project/Site: Forest Glen Monitoring

Job ID: 480-175538-1

Client Sample ID: MW6DD 092220

Lab Sample ID: 480-175538-5

Date Collected: 09/22/20 15:00

Matrix: Water

Date Received: 09/23/20 17:00

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

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	97		80 - 120		09/25/20 02:28	1
4-Bromofluorobenzene (Surr)	94		73 - 120		09/25/20 02:28	1
Dibromofluoromethane (Surr)	100		75 - 123		09/25/20 02:28	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	310		2.5	1.4	mg/L			10/01/20 23:32	5
Sulfate	252		10.0	1.7	mg/L			10/01/20 23:32	5
Alkalinity, Bicarbonate	322	B	50.0	20.0	mg/L			09/28/20 15:37	5
Nitrate as N	ND		0.050	0.020	mg/L			09/24/20 14:07	1
Nitrite as N	ND		0.050	0.020	mg/L			09/24/20 14:07	1
Sulfide	0.80	J	1.0	0.67	mg/L			09/28/20 12:40	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dissolved Organic Carbon - Duplicate	6.6		1.0	0.43	mg/L			09/25/20 15:23	1

Client Sample ID: MW10S 092320

Lab Sample ID: 480-175538-6

Date Collected: 09/22/20 09:02

Matrix: Water

Date Received: 09/23/20 17:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			09/25/20 02:52	1
1,1,1,2-Tetrachloroethane	ND		1.0	0.21	ug/L			09/25/20 02:52	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			09/25/20 02:52	1
1,1,2-Trichlorotrifluoroethane	ND		1.0	0.31	ug/L			09/25/20 02:52	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			09/25/20 02:52	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			09/25/20 02:52	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			09/25/20 02:52	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			09/25/20 02:52	1
1,2-Dibromoethane (EDB)	ND		1.0	0.73	ug/L			09/25/20 02:52	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			09/25/20 02:52	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			09/25/20 02:52	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			09/25/20 02:52	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			09/25/20 02:52	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			09/25/20 02:52	1
2-Hexanone	ND		5.0	1.2	ug/L			09/25/20 02:52	1
2-Butanone (MEK)	ND		10	1.3	ug/L			09/25/20 02:52	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			09/25/20 02:52	1
Acetone	ND		10	3.0	ug/L			09/25/20 02:52	1
Benzene	ND		1.0	0.41	ug/L			09/25/20 02:52	1
Bromodichloromethane	ND		1.0	0.39	ug/L			09/25/20 02:52	1
Bromoform	ND		1.0	0.26	ug/L			09/25/20 02:52	1
Bromomethane	ND		1.0	0.69	ug/L			09/25/20 02:52	1
Carbon disulfide	ND		1.0	0.19	ug/L			09/25/20 02:52	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			09/25/20 02:52	1
Chlorobenzene	ND		1.0	0.75	ug/L			09/25/20 02:52	1
Chlorodibromomethane	ND		1.0	0.32	ug/L			09/25/20 02:52	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: O'Brien & Gere Inc of North America
Project/Site: Forest Glen Monitoring

Job ID: 480-175538-1

Client Sample ID: MW10S 092320

Lab Sample ID: 480-175538-6

Date Collected: 09/22/20 09:02

Matrix: Water

Date Received: 09/23/20 17:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloroethane	ND		1.0	0.32	ug/L			09/25/20 02:52	1
Chloroform	ND		1.0	0.34	ug/L			09/25/20 02:52	1
Chloromethane	ND		1.0	0.35	ug/L			09/25/20 02:52	1
cis-1,2-Dichloroethene	24		1.0	0.81	ug/L			09/25/20 02:52	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			09/25/20 02:52	1
Cyclohexane	ND		1.0	0.18	ug/L			09/25/20 02:52	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			09/25/20 02:52	1
Ethylbenzene	ND		1.0	0.74	ug/L			09/25/20 02:52	1
Isopropylbenzene	ND		1.0	0.79	ug/L			09/25/20 02:52	1
Methyl acetate	ND		1.3	1.3	ug/L			09/25/20 02:52	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			09/25/20 02:52	1
Methylcyclohexane	ND		1.0	0.16	ug/L			09/25/20 02:52	1
Methylene Chloride	ND		1.0	0.44	ug/L			09/25/20 02:52	1
Styrene	ND		1.0	0.73	ug/L			09/25/20 02:52	1
Tetrachloroethene	ND		1.0	0.36	ug/L			09/25/20 02:52	1
Toluene	ND		1.0	0.51	ug/L			09/25/20 02:52	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			09/25/20 02:52	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			09/25/20 02:52	1
Trichloroethene	ND		1.0	0.46	ug/L			09/25/20 02:52	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			09/25/20 02:52	1
Vinyl chloride	4.0		1.0	0.90	ug/L			09/25/20 02:52	1
Xylenes, Total	ND		2.0	0.66	ug/L			09/25/20 02:52	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	106		77 - 120		09/25/20 02:52	1
Toluene-d8 (Surr)	99		80 - 120		09/25/20 02:52	1
4-Bromofluorobenzene (Surr)	95		73 - 120		09/25/20 02:52	1
Dibromofluoromethane (Surr)	100		75 - 123		09/25/20 02:52	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	105		2.5	1.4	mg/L			10/01/20 23:46	5
Sulfate	485		10.0	1.7	mg/L			10/01/20 23:46	5
Alkalinity, Bicarbonate	446	B	50.0	20.0	mg/L			09/28/20 15:37	5
Nitrate as N	ND	H	0.050	0.020	mg/L			09/24/20 14:08	1
Nitrite as N	ND	H	0.050	0.020	mg/L			09/24/20 14:08	1
Sulfide	ND		1.0	0.67	mg/L			09/28/20 12:40	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dissolved Organic Carbon - Duplicate	3.9		1.0	0.43	mg/L			09/25/20 15:38	1

Client Sample ID: MW5D 092320

Lab Sample ID: 480-175538-7

Date Collected: 09/22/20 10:30

Matrix: Water

Date Received: 09/23/20 17:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			09/25/20 03:16	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			09/25/20 03:16	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: O'Brien & Gere Inc of North America
Project/Site: Forest Glen Monitoring

Job ID: 480-175538-1

Client Sample ID: MW5D 092320

Lab Sample ID: 480-175538-7

Date Collected: 09/22/20 10:30

Matrix: Water

Date Received: 09/23/20 17:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			09/25/20 03:16	1
1,1,2-Trichlorotrifluoroethane	ND		1.0	0.31	ug/L			09/25/20 03:16	1
1,1-Dichloroethane	0.46	J	1.0	0.38	ug/L			09/25/20 03:16	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			09/25/20 03:16	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			09/25/20 03:16	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			09/25/20 03:16	1
1,2-Dibromoethane (EDB)	ND		1.0	0.73	ug/L			09/25/20 03:16	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			09/25/20 03:16	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			09/25/20 03:16	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			09/25/20 03:16	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			09/25/20 03:16	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			09/25/20 03:16	1
2-Hexanone	ND		5.0	1.2	ug/L			09/25/20 03:16	1
2-Butanone (MEK)	ND		10	1.3	ug/L			09/25/20 03:16	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			09/25/20 03:16	1
Acetone	ND		10	3.0	ug/L			09/25/20 03:16	1
Benzene	ND		1.0	0.41	ug/L			09/25/20 03:16	1
Bromodichloromethane	ND		1.0	0.39	ug/L			09/25/20 03:16	1
Bromoform	ND		1.0	0.26	ug/L			09/25/20 03:16	1
Bromomethane	ND		1.0	0.69	ug/L			09/25/20 03:16	1
Carbon disulfide	ND		1.0	0.19	ug/L			09/25/20 03:16	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			09/25/20 03:16	1
Chlorobenzene	ND		1.0	0.75	ug/L			09/25/20 03:16	1
Chlorodibromomethane	ND		1.0	0.32	ug/L			09/25/20 03:16	1
Chloroethane	ND		1.0	0.32	ug/L			09/25/20 03:16	1
Chloroform	ND		1.0	0.34	ug/L			09/25/20 03:16	1
Chloromethane	ND		1.0	0.35	ug/L			09/25/20 03:16	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			09/25/20 03:16	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			09/25/20 03:16	1
Cyclohexane	ND		1.0	0.18	ug/L			09/25/20 03:16	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			09/25/20 03:16	1
Ethylbenzene	ND		1.0	0.74	ug/L			09/25/20 03:16	1
Isopropylbenzene	ND		1.0	0.79	ug/L			09/25/20 03:16	1
Methyl acetate	ND		1.3	1.3	ug/L			09/25/20 03:16	1
Methyl tert-butyl ether	0.45	J	1.0	0.16	ug/L			09/25/20 03:16	1
Methylcyclohexane	ND		1.0	0.16	ug/L			09/25/20 03:16	1
Methylene Chloride	ND		1.0	0.44	ug/L			09/25/20 03:16	1
Styrene	ND		1.0	0.73	ug/L			09/25/20 03:16	1
Tetrachloroethene	ND		1.0	0.36	ug/L			09/25/20 03:16	1
Toluene	ND		1.0	0.51	ug/L			09/25/20 03:16	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			09/25/20 03:16	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			09/25/20 03:16	1
Trichloroethene	ND		1.0	0.46	ug/L			09/25/20 03:16	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			09/25/20 03:16	1
Vinyl chloride	ND		1.0	0.90	ug/L			09/25/20 03:16	1
Xylenes, Total	ND		2.0	0.66	ug/L			09/25/20 03:16	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	105		77 - 120		09/25/20 03:16	1
Toluene-d8 (Surr)	102		80 - 120		09/25/20 03:16	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: O'Brien & Gere Inc of North America
Project/Site: Forest Glen Monitoring

Job ID: 480-175538-1

Client Sample ID: MW5D 092320

Lab Sample ID: 480-175538-7

Date Collected: 09/22/20 10:30

Matrix: Water

Date Received: 09/23/20 17:00

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

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	98		73 - 120		09/25/20 03:16	1
Dibromofluoromethane (Surr)	101		75 - 123		09/25/20 03:16	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	191		2.5	1.4	mg/L			10/02/20 00:01	5
Sulfate	198		10.0	1.7	mg/L			10/02/20 00:01	5
Alkalinity, Bicarbonate	380	B	50.0	20.0	mg/L			09/28/20 15:38	5
Nitrate as N	ND	H	0.050	0.020	mg/L			09/24/20 14:12	1
Nitrite as N	ND	H	0.050	0.020	mg/L			09/24/20 14:12	1
Sulfide	ND		1.0	0.67	mg/L			09/28/20 12:40	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dissolved Organic Carbon - Duplicate	4.6		1.0	0.43	mg/L			09/30/20 11:19	1

Client Sample ID: X-1 092320

Lab Sample ID: 480-175538-8

Date Collected: 09/23/20 00:00

Matrix: Water

Date Received: 09/23/20 17:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			09/25/20 03:40	1
1,1,1,2-Tetrachloroethane	ND		1.0	0.21	ug/L			09/25/20 03:40	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			09/25/20 03:40	1
1,1,2-Trichlorotrifluoroethane	ND		1.0	0.31	ug/L			09/25/20 03:40	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			09/25/20 03:40	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			09/25/20 03:40	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			09/25/20 03:40	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			09/25/20 03:40	1
1,2-Dibromoethane (EDB)	ND		1.0	0.73	ug/L			09/25/20 03:40	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			09/25/20 03:40	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			09/25/20 03:40	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			09/25/20 03:40	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			09/25/20 03:40	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			09/25/20 03:40	1
2-Hexanone	ND		5.0	1.2	ug/L			09/25/20 03:40	1
2-Butanone (MEK)	ND		10	1.3	ug/L			09/25/20 03:40	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			09/25/20 03:40	1
Acetone	ND		10	3.0	ug/L			09/25/20 03:40	1
Benzene	ND		1.0	0.41	ug/L			09/25/20 03:40	1
Bromodichloromethane	ND		1.0	0.39	ug/L			09/25/20 03:40	1
Bromoform	ND		1.0	0.26	ug/L			09/25/20 03:40	1
Bromomethane	ND		1.0	0.69	ug/L			09/25/20 03:40	1
Carbon disulfide	ND		1.0	0.19	ug/L			09/25/20 03:40	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			09/25/20 03:40	1
Chlorobenzene	ND		1.0	0.75	ug/L			09/25/20 03:40	1
Chlorodibromomethane	ND		1.0	0.32	ug/L			09/25/20 03:40	1
Chloroethane	ND		1.0	0.32	ug/L			09/25/20 03:40	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: O'Brien & Gere Inc of North America
Project/Site: Forest Glen Monitoring

Job ID: 480-175538-1

Client Sample ID: X-1 092320

Lab Sample ID: 480-175538-8

Date Collected: 09/23/20 00:00

Matrix: Water

Date Received: 09/23/20 17:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloroform	ND		1.0	0.34	ug/L			09/25/20 03:40	1
Chloromethane	ND		1.0	0.35	ug/L			09/25/20 03:40	1
cis-1,2-Dichloroethene	19		1.0	0.81	ug/L			09/25/20 03:40	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			09/25/20 03:40	1
Cyclohexane	ND		1.0	0.18	ug/L			09/25/20 03:40	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			09/25/20 03:40	1
Ethylbenzene	ND		1.0	0.74	ug/L			09/25/20 03:40	1
Isopropylbenzene	ND		1.0	0.79	ug/L			09/25/20 03:40	1
Methyl acetate	ND		1.3	1.3	ug/L			09/25/20 03:40	1
Methyl tert-butyl ether	0.22	J	1.0	0.16	ug/L			09/25/20 03:40	1
Methylcyclohexane	ND		1.0	0.16	ug/L			09/25/20 03:40	1
Methylene Chloride	ND		1.0	0.44	ug/L			09/25/20 03:40	1
Styrene	ND		1.0	0.73	ug/L			09/25/20 03:40	1
Tetrachloroethene	ND		1.0	0.36	ug/L			09/25/20 03:40	1
Toluene	ND		1.0	0.51	ug/L			09/25/20 03:40	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			09/25/20 03:40	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			09/25/20 03:40	1
Trichloroethene	ND		1.0	0.46	ug/L			09/25/20 03:40	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			09/25/20 03:40	1
Vinyl chloride	3.1		1.0	0.90	ug/L			09/25/20 03:40	1
Xylenes, Total	ND		2.0	0.66	ug/L			09/25/20 03:40	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	103		77 - 120		09/25/20 03:40	1
Toluene-d8 (Surr)	98		80 - 120		09/25/20 03:40	1
4-Bromofluorobenzene (Surr)	96		73 - 120		09/25/20 03:40	1
Dibromofluoromethane (Surr)	99		75 - 123		09/25/20 03:40	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	105		2.5	1.4	mg/L			10/02/20 00:16	5
Sulfate	488		10.0	1.7	mg/L			10/02/20 00:16	5
Alkalinity, Bicarbonate	450	B	50.0	20.0	mg/L			09/28/20 15:38	5
Nitrate as N	ND		0.050	0.020	mg/L			09/24/20 14:14	1
Nitrite as N	ND		0.050	0.020	mg/L			09/24/20 14:14	1
Sulfide	ND		1.0	0.67	mg/L			09/28/20 12:40	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dissolved Organic Carbon - Duplicate	5.2		1.0	0.43	mg/L			09/30/20 11:34	1

Client Sample ID: MW6S 092320

Lab Sample ID: 480-175538-9

Date Collected: 09/23/20 11:12

Matrix: Water

Date Received: 09/23/20 17:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			09/25/20 04:04	1
1,1,1,2-Tetrachloroethane	ND		1.0	0.21	ug/L			09/25/20 04:04	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			09/25/20 04:04	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: O'Brien & Gere Inc of North America
 Project/Site: Forest Glen Monitoring

Job ID: 480-175538-1

Client Sample ID: MW6S 092320

Lab Sample ID: 480-175538-9

Date Collected: 09/23/20 11:12

Matrix: Water

Date Received: 09/23/20 17:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2-Trichlorotrifluoroethane	ND		1.0	0.31	ug/L			09/25/20 04:04	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			09/25/20 04:04	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			09/25/20 04:04	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			09/25/20 04:04	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			09/25/20 04:04	1
1,2-Dibromoethane (EDB)	ND		1.0	0.73	ug/L			09/25/20 04:04	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			09/25/20 04:04	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			09/25/20 04:04	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			09/25/20 04:04	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			09/25/20 04:04	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			09/25/20 04:04	1
2-Hexanone	ND		5.0	1.2	ug/L			09/25/20 04:04	1
2-Butanone (MEK)	ND		10	1.3	ug/L			09/25/20 04:04	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			09/25/20 04:04	1
Acetone	ND		10	3.0	ug/L			09/25/20 04:04	1
Benzene	ND		1.0	0.41	ug/L			09/25/20 04:04	1
Bromodichloromethane	ND		1.0	0.39	ug/L			09/25/20 04:04	1
Bromoform	ND		1.0	0.26	ug/L			09/25/20 04:04	1
Bromomethane	ND		1.0	0.69	ug/L			09/25/20 04:04	1
Carbon disulfide	ND		1.0	0.19	ug/L			09/25/20 04:04	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			09/25/20 04:04	1
Chlorobenzene	ND		1.0	0.75	ug/L			09/25/20 04:04	1
Chlorodibromomethane	ND		1.0	0.32	ug/L			09/25/20 04:04	1
Chloroethane	ND		1.0	0.32	ug/L			09/25/20 04:04	1
Chloroform	ND		1.0	0.34	ug/L			09/25/20 04:04	1
Chloromethane	ND		1.0	0.35	ug/L			09/25/20 04:04	1
cis-1,2-Dichloroethene	11		1.0	0.81	ug/L			09/25/20 04:04	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			09/25/20 04:04	1
Cyclohexane	ND		1.0	0.18	ug/L			09/25/20 04:04	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			09/25/20 04:04	1
Ethylbenzene	ND		1.0	0.74	ug/L			09/25/20 04:04	1
Isopropylbenzene	ND		1.0	0.79	ug/L			09/25/20 04:04	1
Methyl acetate	ND		1.3	1.3	ug/L			09/25/20 04:04	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			09/25/20 04:04	1
Methylcyclohexane	ND		1.0	0.16	ug/L			09/25/20 04:04	1
Methylene Chloride	ND		1.0	0.44	ug/L			09/25/20 04:04	1
Styrene	ND		1.0	0.73	ug/L			09/25/20 04:04	1
Tetrachloroethene	ND		1.0	0.36	ug/L			09/25/20 04:04	1
Toluene	ND		1.0	0.51	ug/L			09/25/20 04:04	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			09/25/20 04:04	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			09/25/20 04:04	1
Trichloroethene	ND		1.0	0.46	ug/L			09/25/20 04:04	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			09/25/20 04:04	1
Vinyl chloride	23		1.0	0.90	ug/L			09/25/20 04:04	1
Xylenes, Total	ND		2.0	0.66	ug/L			09/25/20 04:04	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	101		77 - 120		09/25/20 04:04	1
Toluene-d8 (Surr)	100		80 - 120		09/25/20 04:04	1
4-Bromofluorobenzene (Surr)	96		73 - 120		09/25/20 04:04	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: O'Brien & Gere Inc of North America
Project/Site: Forest Glen Monitoring

Job ID: 480-175538-1

Client Sample ID: MW6S 092320

Lab Sample ID: 480-175538-9

Date Collected: 09/23/20 11:12

Matrix: Water

Date Received: 09/23/20 17:00

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

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Dibromofluoromethane (Surr)	97		75 - 123		09/25/20 04:04	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	40.8		2.5	1.4	mg/L			10/02/20 00:30	5
Sulfate	198		10.0	1.7	mg/L			10/02/20 00:30	5
Alkalinity, Bicarbonate	433	B	50.0	20.0	mg/L			09/28/20 15:38	5
Nitrate as N	ND		0.050	0.020	mg/L			09/24/20 14:15	1
Nitrite as N	ND		0.050	0.020	mg/L			09/24/20 14:15	1
Sulfide	ND		1.0	0.67	mg/L			09/28/20 12:40	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dissolved Organic Carbon - Duplicate	5.8		1.0	0.43	mg/L			09/30/20 11:50	1

Client Sample ID: MW4D 092320

Lab Sample ID: 480-175538-10

Date Collected: 09/23/20 11:15

Matrix: Water

Date Received: 09/23/20 17:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			09/25/20 04:28	1
1,1,1,2-Tetrachloroethane	ND		1.0	0.21	ug/L			09/25/20 04:28	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			09/25/20 04:28	1
1,1,2-Trichlorotrifluoroethane	ND		1.0	0.31	ug/L			09/25/20 04:28	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			09/25/20 04:28	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			09/25/20 04:28	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			09/25/20 04:28	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			09/25/20 04:28	1
1,2-Dibromoethane (EDB)	ND		1.0	0.73	ug/L			09/25/20 04:28	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			09/25/20 04:28	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			09/25/20 04:28	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			09/25/20 04:28	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			09/25/20 04:28	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			09/25/20 04:28	1
2-Hexanone	ND		5.0	1.2	ug/L			09/25/20 04:28	1
2-Butanone (MEK)	ND		10	1.3	ug/L			09/25/20 04:28	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			09/25/20 04:28	1
Acetone	ND		10	3.0	ug/L			09/25/20 04:28	1
Benzene	ND		1.0	0.41	ug/L			09/25/20 04:28	1
Bromodichloromethane	ND		1.0	0.39	ug/L			09/25/20 04:28	1
Bromoform	ND		1.0	0.26	ug/L			09/25/20 04:28	1
Bromomethane	ND		1.0	0.69	ug/L			09/25/20 04:28	1
Carbon disulfide	ND		1.0	0.19	ug/L			09/25/20 04:28	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			09/25/20 04:28	1
Chlorobenzene	ND		1.0	0.75	ug/L			09/25/20 04:28	1
Chlorodibromomethane	ND		1.0	0.32	ug/L			09/25/20 04:28	1
Chloroethane	ND		1.0	0.32	ug/L			09/25/20 04:28	1
Chloroform	ND		1.0	0.34	ug/L			09/25/20 04:28	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: O'Brien & Gere Inc of North America
Project/Site: Forest Glen Monitoring

Job ID: 480-175538-1

Client Sample ID: MW4D 092320

Lab Sample ID: 480-175538-10

Date Collected: 09/23/20 11:15

Matrix: Water

Date Received: 09/23/20 17:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloromethane	ND		1.0	0.35	ug/L			09/25/20 04:28	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			09/25/20 04:28	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			09/25/20 04:28	1
Cyclohexane	ND		1.0	0.18	ug/L			09/25/20 04:28	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			09/25/20 04:28	1
Ethylbenzene	ND		1.0	0.74	ug/L			09/25/20 04:28	1
Isopropylbenzene	ND		1.0	0.79	ug/L			09/25/20 04:28	1
Methyl acetate	ND		1.3	1.3	ug/L			09/25/20 04:28	1
Methyl tert-butyl ether	0.38	J	1.0	0.16	ug/L			09/25/20 04:28	1
Methylcyclohexane	ND		1.0	0.16	ug/L			09/25/20 04:28	1
Methylene Chloride	ND		1.0	0.44	ug/L			09/25/20 04:28	1
Styrene	ND		1.0	0.73	ug/L			09/25/20 04:28	1
Tetrachloroethene	ND		1.0	0.36	ug/L			09/25/20 04:28	1
Toluene	ND		1.0	0.51	ug/L			09/25/20 04:28	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			09/25/20 04:28	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			09/25/20 04:28	1
Trichloroethene	ND		1.0	0.46	ug/L			09/25/20 04:28	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			09/25/20 04:28	1
Vinyl chloride	ND		1.0	0.90	ug/L			09/25/20 04:28	1
Xylenes, Total	ND		2.0	0.66	ug/L			09/25/20 04:28	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	99		77 - 120		09/25/20 04:28	1
Toluene-d8 (Surr)	99		80 - 120		09/25/20 04:28	1
4-Bromofluorobenzene (Surr)	97		73 - 120		09/25/20 04:28	1
Dibromofluoromethane (Surr)	95		75 - 123		09/25/20 04:28	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	287		2.5	1.4	mg/L			10/02/20 01:58	5
Sulfate	301		10.0	1.7	mg/L			10/02/20 01:58	5
Alkalinity, Bicarbonate	360	B	50.0	20.0	mg/L			09/28/20 15:39	5
Nitrate as N	ND		0.050	0.020	mg/L			09/24/20 14:16	1
Nitrite as N	ND		0.050	0.020	mg/L			09/24/20 14:16	1
Sulfide	0.80	J	1.0	0.67	mg/L			09/28/20 12:40	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dissolved Organic Carbon - Duplicate	3.4		1.0	0.43	mg/L			09/30/20 12:05	1

Client Sample ID: MW8DD 092320

Lab Sample ID: 480-175538-11

Date Collected: 09/23/20 14:10

Matrix: Water

Date Received: 09/23/20 17:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			09/25/20 04:52	1
1,1,1,2-Tetrachloroethane	ND		1.0	0.21	ug/L			09/25/20 04:52	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			09/25/20 04:52	1
1,1,2-Trichlorotrifluoroethane	ND		1.0	0.31	ug/L			09/25/20 04:52	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: O'Brien & Gere Inc of North America
 Project/Site: Forest Glen Monitoring

Job ID: 480-175538-1

Client Sample ID: MW8DD 092320

Lab Sample ID: 480-175538-11

Date Collected: 09/23/20 14:10

Matrix: Water

Date Received: 09/23/20 17:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	ND		1.0	0.38	ug/L			09/25/20 04:52	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			09/25/20 04:52	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			09/25/20 04:52	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			09/25/20 04:52	1
1,2-Dibromoethane (EDB)	ND		1.0	0.73	ug/L			09/25/20 04:52	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			09/25/20 04:52	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			09/25/20 04:52	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			09/25/20 04:52	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			09/25/20 04:52	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			09/25/20 04:52	1
2-Hexanone	ND		5.0	1.2	ug/L			09/25/20 04:52	1
2-Butanone (MEK)	ND		10	1.3	ug/L			09/25/20 04:52	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			09/25/20 04:52	1
Acetone	ND		10	3.0	ug/L			09/25/20 04:52	1
Benzene	ND		1.0	0.41	ug/L			09/25/20 04:52	1
Bromodichloromethane	ND		1.0	0.39	ug/L			09/25/20 04:52	1
Bromoform	ND		1.0	0.26	ug/L			09/25/20 04:52	1
Bromomethane	ND		1.0	0.69	ug/L			09/25/20 04:52	1
Carbon disulfide	ND		1.0	0.19	ug/L			09/25/20 04:52	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			09/25/20 04:52	1
Chlorobenzene	ND		1.0	0.75	ug/L			09/25/20 04:52	1
Chlorodibromomethane	ND		1.0	0.32	ug/L			09/25/20 04:52	1
Chloroethane	ND		1.0	0.32	ug/L			09/25/20 04:52	1
Chloroform	ND		1.0	0.34	ug/L			09/25/20 04:52	1
Chloromethane	ND		1.0	0.35	ug/L			09/25/20 04:52	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			09/25/20 04:52	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			09/25/20 04:52	1
Cyclohexane	ND		1.0	0.18	ug/L			09/25/20 04:52	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			09/25/20 04:52	1
Ethylbenzene	ND		1.0	0.74	ug/L			09/25/20 04:52	1
Isopropylbenzene	ND		1.0	0.79	ug/L			09/25/20 04:52	1
Methyl acetate	ND		1.3	1.3	ug/L			09/25/20 04:52	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			09/25/20 04:52	1
Methylcyclohexane	ND		1.0	0.16	ug/L			09/25/20 04:52	1
Methylene Chloride	ND		1.0	0.44	ug/L			09/25/20 04:52	1
Styrene	ND		1.0	0.73	ug/L			09/25/20 04:52	1
Tetrachloroethene	ND		1.0	0.36	ug/L			09/25/20 04:52	1
Toluene	ND		1.0	0.51	ug/L			09/25/20 04:52	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			09/25/20 04:52	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			09/25/20 04:52	1
Trichloroethene	ND		1.0	0.46	ug/L			09/25/20 04:52	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			09/25/20 04:52	1
Vinyl chloride	ND		1.0	0.90	ug/L			09/25/20 04:52	1
Xylenes, Total	ND		2.0	0.66	ug/L			09/25/20 04:52	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	104		77 - 120		09/25/20 04:52	1
Toluene-d8 (Surr)	98		80 - 120		09/25/20 04:52	1
4-Bromofluorobenzene (Surr)	96		73 - 120		09/25/20 04:52	1
Dibromofluoromethane (Surr)	101		75 - 123		09/25/20 04:52	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: O'Brien & Gere Inc of North America
Project/Site: Forest Glen Monitoring

Job ID: 480-175538-1

Client Sample ID: MW8DD 092320

Lab Sample ID: 480-175538-11

Date Collected: 09/23/20 14:10

Matrix: Water

Date Received: 09/23/20 17:00

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	112		5.0	2.8	mg/L			10/02/20 02:12	10
Sulfate	952		20.0	3.5	mg/L			10/02/20 02:12	10
Alkalinity, Bicarbonate	281	B	50.0	20.0	mg/L			09/28/20 15:39	5
Nitrate as N	ND		0.050	0.020	mg/L			09/24/20 14:17	1
Nitrite as N	ND		0.050	0.020	mg/L			09/24/20 14:17	1
Sulfide	ND		1.0	0.67	mg/L			09/28/20 12:40	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dissolved Organic Carbon - Duplicate	5.2		1.0	0.43	mg/L			09/30/20 12:20	1

Client Sample ID: MW8D 092320

Lab Sample ID: 480-175538-12

Date Collected: 09/23/20 14:45

Matrix: Water

Date Received: 09/23/20 17:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			09/25/20 05:16	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			09/25/20 05:16	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			09/25/20 05:16	1
1,1,2-Trichlorotrifluoroethane	ND		1.0	0.31	ug/L			09/25/20 05:16	1
1,1-Dichloroethane	0.84	J	1.0	0.38	ug/L			09/25/20 05:16	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			09/25/20 05:16	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			09/25/20 05:16	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			09/25/20 05:16	1
1,2-Dibromoethane (EDB)	ND		1.0	0.73	ug/L			09/25/20 05:16	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			09/25/20 05:16	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			09/25/20 05:16	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			09/25/20 05:16	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			09/25/20 05:16	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			09/25/20 05:16	1
2-Hexanone	ND		5.0	1.2	ug/L			09/25/20 05:16	1
2-Butanone (MEK)	ND		10	1.3	ug/L			09/25/20 05:16	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			09/25/20 05:16	1
Acetone	ND		10	3.0	ug/L			09/25/20 05:16	1
Benzene	ND		1.0	0.41	ug/L			09/25/20 05:16	1
Bromodichloromethane	ND		1.0	0.39	ug/L			09/25/20 05:16	1
Bromoform	ND		1.0	0.26	ug/L			09/25/20 05:16	1
Bromomethane	ND		1.0	0.69	ug/L			09/25/20 05:16	1
Carbon disulfide	ND		1.0	0.19	ug/L			09/25/20 05:16	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			09/25/20 05:16	1
Chlorobenzene	ND		1.0	0.75	ug/L			09/25/20 05:16	1
Chlorodibromomethane	ND		1.0	0.32	ug/L			09/25/20 05:16	1
Chloroethane	ND		1.0	0.32	ug/L			09/25/20 05:16	1
Chloroform	ND		1.0	0.34	ug/L			09/25/20 05:16	1
Chloromethane	ND		1.0	0.35	ug/L			09/25/20 05:16	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			09/25/20 05:16	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			09/25/20 05:16	1
Cyclohexane	ND		1.0	0.18	ug/L			09/25/20 05:16	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: O'Brien & Gere Inc of North America
Project/Site: Forest Glen Monitoring

Job ID: 480-175538-1

Client Sample ID: MW8D 092320

Lab Sample ID: 480-175538-12

Date Collected: 09/23/20 14:45

Matrix: Water

Date Received: 09/23/20 17:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			09/25/20 05:16	1
Ethylbenzene	ND		1.0	0.74	ug/L			09/25/20 05:16	1
Isopropylbenzene	ND		1.0	0.79	ug/L			09/25/20 05:16	1
Methyl acetate	ND		1.3	1.3	ug/L			09/25/20 05:16	1
Methyl tert-butyl ether	0.27	J	1.0	0.16	ug/L			09/25/20 05:16	1
Methylcyclohexane	ND		1.0	0.16	ug/L			09/25/20 05:16	1
Methylene Chloride	ND		1.0	0.44	ug/L			09/25/20 05:16	1
Styrene	ND		1.0	0.73	ug/L			09/25/20 05:16	1
Tetrachloroethene	ND		1.0	0.36	ug/L			09/25/20 05:16	1
Toluene	ND		1.0	0.51	ug/L			09/25/20 05:16	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			09/25/20 05:16	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			09/25/20 05:16	1
Trichloroethene	ND		1.0	0.46	ug/L			09/25/20 05:16	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			09/25/20 05:16	1
Vinyl chloride	ND		1.0	0.90	ug/L			09/25/20 05:16	1
Xylenes, Total	ND		2.0	0.66	ug/L			09/25/20 05:16	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	104		77 - 120		09/25/20 05:16	1
Toluene-d8 (Surr)	100		80 - 120		09/25/20 05:16	1
4-Bromofluorobenzene (Surr)	97		73 - 120		09/25/20 05:16	1
Dibromofluoromethane (Surr)	101		75 - 123		09/25/20 05:16	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	351		2.5	1.4	mg/L			10/02/20 02:27	5
Sulfate	244		10.0	1.7	mg/L			10/02/20 02:27	5
Alkalinity, Bicarbonate	328	B	50.0	20.0	mg/L			09/28/20 15:39	5
Nitrate as N	ND		0.050	0.020	mg/L			09/24/20 14:18	1
Nitrite as N	ND		0.050	0.020	mg/L			09/24/20 14:18	1
Sulfide	ND		1.0	0.67	mg/L			09/28/20 12:40	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dissolved Organic Carbon - Duplicate	3.3		1.0	0.43	mg/L			09/30/20 14:24	1

Client Sample ID: TRIP BLANK

Lab Sample ID: 480-175538-13

Date Collected: 09/23/20 00:00

Matrix: Water

Date Received: 09/23/20 17:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			09/25/20 05:40	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			09/25/20 05:40	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			09/25/20 05:40	1
1,1,2-Trichlorotrifluoroethane	ND		1.0	0.31	ug/L			09/25/20 05:40	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			09/25/20 05:40	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			09/25/20 05:40	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			09/25/20 05:40	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			09/25/20 05:40	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: O'Brien & Gere Inc of North America
Project/Site: Forest Glen Monitoring

Job ID: 480-175538-1

Client Sample ID: TRIP BLANK

Lab Sample ID: 480-175538-13

Date Collected: 09/23/20 00:00

Matrix: Water

Date Received: 09/23/20 17:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane (EDB)	ND		1.0	0.73	ug/L			09/25/20 05:40	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			09/25/20 05:40	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			09/25/20 05:40	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			09/25/20 05:40	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			09/25/20 05:40	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			09/25/20 05:40	1
2-Hexanone	ND		5.0	1.2	ug/L			09/25/20 05:40	1
2-Butanone (MEK)	ND		10	1.3	ug/L			09/25/20 05:40	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			09/25/20 05:40	1
Acetone	ND		10	3.0	ug/L			09/25/20 05:40	1
Benzene	ND		1.0	0.41	ug/L			09/25/20 05:40	1
Bromodichloromethane	ND		1.0	0.39	ug/L			09/25/20 05:40	1
Bromoform	ND		1.0	0.26	ug/L			09/25/20 05:40	1
Bromomethane	ND		1.0	0.69	ug/L			09/25/20 05:40	1
Carbon disulfide	ND		1.0	0.19	ug/L			09/25/20 05:40	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			09/25/20 05:40	1
Chlorobenzene	ND		1.0	0.75	ug/L			09/25/20 05:40	1
Chlorodibromomethane	ND		1.0	0.32	ug/L			09/25/20 05:40	1
Chloroethane	ND		1.0	0.32	ug/L			09/25/20 05:40	1
Chloroform	ND		1.0	0.34	ug/L			09/25/20 05:40	1
Chloromethane	ND		1.0	0.35	ug/L			09/25/20 05:40	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			09/25/20 05:40	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			09/25/20 05:40	1
Cyclohexane	ND		1.0	0.18	ug/L			09/25/20 05:40	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			09/25/20 05:40	1
Ethylbenzene	ND		1.0	0.74	ug/L			09/25/20 05:40	1
Isopropylbenzene	ND		1.0	0.79	ug/L			09/25/20 05:40	1
Methyl acetate	ND		1.3	1.3	ug/L			09/25/20 05:40	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			09/25/20 05:40	1
Methylcyclohexane	ND		1.0	0.16	ug/L			09/25/20 05:40	1
Methylene Chloride	ND		1.0	0.44	ug/L			09/25/20 05:40	1
Styrene	ND		1.0	0.73	ug/L			09/25/20 05:40	1
Tetrachloroethene	ND		1.0	0.36	ug/L			09/25/20 05:40	1
Toluene	ND		1.0	0.51	ug/L			09/25/20 05:40	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			09/25/20 05:40	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			09/25/20 05:40	1
Trichloroethene	ND		1.0	0.46	ug/L			09/25/20 05:40	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			09/25/20 05:40	1
Vinyl chloride	ND		1.0	0.90	ug/L			09/25/20 05:40	1
Xylenes, Total	ND		2.0	0.66	ug/L			09/25/20 05:40	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	101		77 - 120		09/25/20 05:40	1
Toluene-d8 (Surr)	100		80 - 120		09/25/20 05:40	1
4-Bromofluorobenzene (Surr)	97		73 - 120		09/25/20 05:40	1
Dibromofluoromethane (Surr)	96		75 - 123		09/25/20 05:40	1

Surrogate Summary

Client: O'Brien & Gere Inc of North America
Project/Site: Forest Glen Monitoring

Job ID: 480-175538-1

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

Matrix: Water

Prep Type: Total/NA

Percent Surrogate Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	DCA	TOL	BFB	DBFM
		(77-120)	(80-120)	(73-120)	(75-123)
480-175538-1	MW1D 092220	99	100	97	95
480-175538-2	MW1S 092220	104	100	95	98
480-175538-3	MW6D 092220	103	99	93	99
480-175538-4	MW10D 092220	105	98	96	98
480-175538-4 MS	MW10D 092220	104	100	96	99
480-175538-4 MSD	MW10D 092220	103	101	97	97
480-175538-5	MW6DD 092220	103	97	94	100
480-175538-6	MW10S 092320	106	99	95	100
480-175538-7	MW5D 092320	105	102	98	101
480-175538-8	X-1 092320	103	98	96	99
480-175538-9	MW6S 092320	101	100	96	97
480-175538-10	MW4D 092320	99	99	97	95
480-175538-11	MW8DD 092320	104	98	96	101
480-175538-12	MW8D 092320	104	100	97	101
480-175538-13	TRIP BLANK	101	100	97	96
LCS 480-551072/5	Lab Control Sample	105	100	97	99
MB 480-551072/7	Method Blank	101	97	94	93

Surrogate Legend

DCA = 1,2-Dichloroethane-d4 (Surr)

TOL = Toluene-d8 (Surr)

BFB = 4-Bromofluorobenzene (Surr)

DBFM = Dibromofluoromethane (Surr)

QC Sample Results

Client: O'Brien & Gere Inc of North America
 Project/Site: Forest Glen Monitoring

Job ID: 480-175538-1

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

Lab Sample ID: MB 480-551072/7

Matrix: Water

Analysis Batch: 551072

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			09/24/20 22:04	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			09/24/20 22:04	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			09/24/20 22:04	1
1,1,2-Trichlorotrifluoroethane	ND		1.0	0.31	ug/L			09/24/20 22:04	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			09/24/20 22:04	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			09/24/20 22:04	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			09/24/20 22:04	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			09/24/20 22:04	1
1,2-Dibromoethane (EDB)	ND		1.0	0.73	ug/L			09/24/20 22:04	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			09/24/20 22:04	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			09/24/20 22:04	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			09/24/20 22:04	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			09/24/20 22:04	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			09/24/20 22:04	1
2-Hexanone	ND		5.0	1.2	ug/L			09/24/20 22:04	1
2-Butanone (MEK)	ND		10	1.3	ug/L			09/24/20 22:04	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			09/24/20 22:04	1
Acetone	ND		10	3.0	ug/L			09/24/20 22:04	1
Benzene	ND		1.0	0.41	ug/L			09/24/20 22:04	1
Bromodichloromethane	ND		1.0	0.39	ug/L			09/24/20 22:04	1
Bromoform	ND		1.0	0.26	ug/L			09/24/20 22:04	1
Bromomethane	ND		1.0	0.69	ug/L			09/24/20 22:04	1
Carbon disulfide	ND		1.0	0.19	ug/L			09/24/20 22:04	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			09/24/20 22:04	1
Chlorobenzene	ND		1.0	0.75	ug/L			09/24/20 22:04	1
Chlorodibromomethane	ND		1.0	0.32	ug/L			09/24/20 22:04	1
Chloroethane	ND		1.0	0.32	ug/L			09/24/20 22:04	1
Chloroform	ND		1.0	0.34	ug/L			09/24/20 22:04	1
Chloromethane	ND		1.0	0.35	ug/L			09/24/20 22:04	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			09/24/20 22:04	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			09/24/20 22:04	1
Cyclohexane	ND		1.0	0.18	ug/L			09/24/20 22:04	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			09/24/20 22:04	1
Ethylbenzene	ND		1.0	0.74	ug/L			09/24/20 22:04	1
Isopropylbenzene	ND		1.0	0.79	ug/L			09/24/20 22:04	1
Methyl acetate	ND		1.3	1.3	ug/L			09/24/20 22:04	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			09/24/20 22:04	1
Methylcyclohexane	ND		1.0	0.16	ug/L			09/24/20 22:04	1
Methylene Chloride	ND		1.0	0.44	ug/L			09/24/20 22:04	1
Styrene	ND		1.0	0.73	ug/L			09/24/20 22:04	1
Tetrachloroethene	ND		1.0	0.36	ug/L			09/24/20 22:04	1
Toluene	ND		1.0	0.51	ug/L			09/24/20 22:04	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			09/24/20 22:04	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			09/24/20 22:04	1
Trichloroethene	ND		1.0	0.46	ug/L			09/24/20 22:04	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			09/24/20 22:04	1
Vinyl chloride	ND		1.0	0.90	ug/L			09/24/20 22:04	1
Xylenes, Total	ND		2.0	0.66	ug/L			09/24/20 22:04	1

Eurofins TestAmerica, Buffalo

QC Sample Results

Client: O'Brien & Gere Inc of North America
 Project/Site: Forest Glen Monitoring

Job ID: 480-175538-1

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

Lab Sample ID: MB 480-551072/7
Matrix: Water
Analysis Batch: 551072

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

<i>Surrogate</i>	<i>MB</i>	<i>MB</i>	<i>Limits</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Dil Fac</i>
	%Recovery	Qualifier				
1,2-Dichloroethane-d4 (Surr)	101		77 - 120		09/24/20 22:04	1
Toluene-d8 (Surr)	97		80 - 120		09/24/20 22:04	1
4-Bromofluorobenzene (Surr)	94		73 - 120		09/24/20 22:04	1
Dibromofluoromethane (Surr)	93		75 - 123		09/24/20 22:04	1

Lab Sample ID: LCS 480-551072/5
Matrix: Water
Analysis Batch: 551072

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

<i>Analyte</i>	<i>Spike</i>	<i>LCS</i>	<i>LCS</i>	<i>Unit</i>	<i>D</i>	<i>%Rec</i>	<i>%Rec.</i>
	Added	Result	Qualifier				Limits
1,1,1-Trichloroethane	25.0	26.0		ug/L		104	73 - 126
1,1,2,2-Tetrachloroethane	25.0	26.3		ug/L		105	76 - 120
1,1,2-Trichloroethane	25.0	26.5		ug/L		106	76 - 122
1,1,2-Trichlorotrifluoroethane	25.0	27.9		ug/L		112	61 - 148
1,1-Dichloroethane	25.0	28.0		ug/L		112	77 - 120
1,1-Dichloroethene	25.0	26.4		ug/L		106	66 - 127
1,2,4-Trichlorobenzene	25.0	25.3		ug/L		101	79 - 122
1,2-Dibromo-3-Chloropropane	25.0	28.9		ug/L		116	56 - 134
1,2-Dibromoethane (EDB)	25.0	25.3		ug/L		101	77 - 120
1,2-Dichlorobenzene	25.0	25.5		ug/L		102	80 - 124
1,2-Dichloroethane	25.0	26.6		ug/L		106	75 - 120
1,2-Dichloropropane	25.0	27.6		ug/L		110	76 - 120
1,3-Dichlorobenzene	25.0	25.4		ug/L		101	77 - 120
1,4-Dichlorobenzene	25.0	24.9		ug/L		100	80 - 120
2-Hexanone	125	157		ug/L		126	65 - 127
2-Butanone (MEK)	125	147		ug/L		118	57 - 140
4-Methyl-2-pentanone (MIBK)	125	147		ug/L		118	71 - 125
Acetone	125	156		ug/L		124	56 - 142
Benzene	25.0	26.6		ug/L		106	71 - 124
Bromodichloromethane	25.0	27.4		ug/L		109	80 - 122
Bromoform	25.0	26.5		ug/L		106	61 - 132
Bromomethane	25.0	24.8		ug/L		99	55 - 144
Carbon disulfide	25.0	27.3		ug/L		109	59 - 134
Carbon tetrachloride	25.0	26.1		ug/L		105	72 - 134
Chlorobenzene	25.0	25.6		ug/L		103	80 - 120
Chlorodibromomethane	25.0	26.4		ug/L		106	75 - 125
Chloroethane	25.0	26.3		ug/L		105	69 - 136
Chloroform	25.0	25.4		ug/L		102	73 - 127
Chloromethane	25.0	28.4		ug/L		114	68 - 124
cis-1,2-Dichloroethene	25.0	24.1		ug/L		96	74 - 124
cis-1,3-Dichloropropene	25.0	25.2		ug/L		101	74 - 124
Cyclohexane	25.0	30.6		ug/L		122	59 - 135
Dichlorodifluoromethane	25.0	25.6		ug/L		102	59 - 135
Ethylbenzene	25.0	26.7		ug/L		107	77 - 123
Isopropylbenzene	25.0	26.1		ug/L		104	77 - 122
Methyl acetate	50.0	54.0		ug/L		108	74 - 133
Methyl tert-butyl ether	25.0	25.0		ug/L		100	77 - 120
Methylcyclohexane	25.0	28.1		ug/L		112	68 - 134

Eurofins TestAmerica, Buffalo

QC Sample Results

Client: O'Brien & Gere Inc of North America
 Project/Site: Forest Glen Monitoring

Job ID: 480-175538-1

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

Lab Sample ID: LCS 480-551072/5

Matrix: Water

Analysis Batch: 551072

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	24.4		ug/L		98	75 - 124
Styrene	25.0	26.5		ug/L		106	80 - 120
Tetrachloroethene	25.0	26.1		ug/L		104	74 - 122
Toluene	25.0	26.5		ug/L		106	80 - 122
trans-1,2-Dichloroethene	25.0	25.3		ug/L		101	73 - 127
trans-1,3-Dichloropropene	25.0	25.7		ug/L		103	80 - 120
Trichloroethene	25.0	25.5		ug/L		102	74 - 123
Trichlorofluoromethane	25.0	26.0		ug/L		104	62 - 150
Vinyl chloride	25.0	26.2		ug/L		105	65 - 133

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	105		77 - 120
Toluene-d8 (Surr)	100		80 - 120
4-Bromofluorobenzene (Surr)	97		73 - 120
Dibromofluoromethane (Surr)	99		75 - 123

Lab Sample ID: 480-175538-4 MS

Matrix: Water

Analysis Batch: 551072

Client Sample ID: MW10D 092220

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	28.1		ug/L		112	73 - 126
1,1,1,2-Tetrachloroethane	ND		25.0	28.9		ug/L		116	76 - 120
1,1,2-Trichloroethane	ND		25.0	27.9		ug/L		112	76 - 122
1,1,2-Trichlorotrifluoroethane	ND		25.0	26.3		ug/L		105	61 - 148
1,1-Dichloroethane	ND	F1	25.0	30.7	F1	ug/L		123	77 - 120
1,1-Dichloroethene	ND		25.0	28.7		ug/L		115	66 - 127
1,2,4-Trichlorobenzene	ND		25.0	28.2		ug/L		113	79 - 122
1,2-Dibromo-3-Chloropropane	ND		25.0	29.6		ug/L		118	56 - 134
1,2-Dibromoethane (EDB)	ND		25.0	27.6		ug/L		110	77 - 120
1,2-Dichlorobenzene	ND		25.0	27.5		ug/L		110	80 - 124
1,2-Dichloroethane	ND		25.0	27.9		ug/L		112	75 - 120
1,2-Dichloropropane	ND		25.0	29.4		ug/L		118	76 - 120
1,3-Dichlorobenzene	ND		25.0	27.8		ug/L		111	77 - 120
1,4-Dichlorobenzene	ND		25.0	27.0		ug/L		108	78 - 124
2-Hexanone	ND	F1	125	165	F1	ug/L		132	65 - 127
2-Butanone (MEK)	ND		125	154		ug/L		123	57 - 140
4-Methyl-2-pentanone (MIBK)	ND	F1	125	162	F1	ug/L		129	71 - 125
Acetone	ND		125	148		ug/L		119	56 - 142
Benzene	ND		25.0	28.9		ug/L		115	71 - 124
Bromodichloromethane	ND		25.0	28.9		ug/L		116	80 - 122
Bromoform	ND		25.0	25.7		ug/L		103	61 - 132
Bromomethane	ND		25.0	28.8		ug/L		115	55 - 144
Carbon disulfide	ND		25.0	28.2		ug/L		113	59 - 134
Carbon tetrachloride	ND		25.0	26.8		ug/L		107	72 - 134
Chlorobenzene	ND		25.0	27.9		ug/L		112	80 - 120
Chlorodibromomethane	ND		25.0	27.2		ug/L		109	75 - 125
Chloroethane	ND		25.0	31.9		ug/L		128	69 - 136

Eurofins TestAmerica, Buffalo

QC Sample Results

Client: O'Brien & Gere Inc of North America
Project/Site: Forest Glen Monitoring

Job ID: 480-175538-1

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

Lab Sample ID: 480-175538-4 MS

Matrix: Water

Analysis Batch: 551072

Client Sample ID: MW10D 092220

Prep Type: Total/NA

Analyte	Sample	Sample	Spike	MS	MS	Unit	D	%Rec	%Rec.
	Result	Qualifier		Result	Qualifier				
Chloroform	ND		25.0	27.8		ug/L		111	73 - 127
Chloromethane	ND	F1	25.0	33.1	F1	ug/L		132	68 - 124
cis-1,2-Dichloroethene	ND		25.0	27.2		ug/L		109	74 - 124
cis-1,3-Dichloropropene	ND		25.0	25.7		ug/L		103	74 - 124
Cyclohexane	ND		25.0	29.9		ug/L		120	59 - 135
Dichlorodifluoromethane	ND		25.0	24.9		ug/L		100	59 - 135
Ethylbenzene	ND		25.0	29.1		ug/L		116	77 - 123
Isopropylbenzene	ND		25.0	29.3		ug/L		117	77 - 122
Methyl acetate	ND		50.0	53.3		ug/L		107	74 - 133
Methyl tert-butyl ether	0.27	J	25.0	26.8		ug/L		106	77 - 120
Methylcyclohexane	ND		25.0	26.5		ug/L		106	68 - 134
Methylene Chloride	ND		25.0	26.0		ug/L		104	75 - 124
Styrene	ND		25.0	27.6		ug/L		110	80 - 120
Tetrachloroethene	ND		25.0	28.4		ug/L		114	74 - 122
Toluene	ND		25.0	28.7		ug/L		115	80 - 122
trans-1,2-Dichloroethene	ND		25.0	28.5		ug/L		114	73 - 127
trans-1,3-Dichloropropene	ND		25.0	25.7		ug/L		103	80 - 120
Trichloroethene	ND		25.0	28.1		ug/L		112	74 - 123
Trichlorofluoromethane	ND		25.0	27.9		ug/L		112	62 - 150
Vinyl chloride	ND		25.0	31.5		ug/L		126	65 - 133

Surrogate	MS	MS	Limits
	%Recovery	Qualifier	
1,2-Dichloroethane-d4 (Surr)	104		77 - 120
Toluene-d8 (Surr)	100		80 - 120
4-Bromofluorobenzene (Surr)	96		73 - 120
Dibromofluoromethane (Surr)	99		75 - 123

Lab Sample ID: 480-175538-4 MSD

Matrix: Water

Analysis Batch: 551072

Client Sample ID: MW10D 092220

Prep Type: Total/NA

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec.	RPD	Limit
	Result	Qualifier		Result	Qualifier						
1,1,1-Trichloroethane	ND		25.0	28.3		ug/L		113	73 - 126	1	15
1,1,2,2-Tetrachloroethane	ND		25.0	29.5		ug/L		118	76 - 120	2	15
1,1,2-Trichloroethane	ND		25.0	28.1		ug/L		112	76 - 122	1	15
1,1,2-Trichlorotrifluoroethane	ND		25.0	26.3		ug/L		105	61 - 148	0	20
1,1-Dichloroethane	ND	F1	25.0	30.6	F1	ug/L		123	77 - 120	0	20
1,1-Dichloroethene	ND		25.0	29.0		ug/L		116	66 - 127	1	16
1,2,4-Trichlorobenzene	ND		25.0	28.5		ug/L		114	79 - 122	1	20
1,2-Dibromo-3-Chloropropane	ND		25.0	31.8		ug/L		127	56 - 134	7	15
1,2-Dibromoethane (EDB)	ND		25.0	27.4		ug/L		110	77 - 120	1	15
1,2-Dichlorobenzene	ND		25.0	28.7		ug/L		115	80 - 124	4	20
1,2-Dichloroethane	ND		25.0	27.9		ug/L		111	75 - 120	0	20
1,2-Dichloropropane	ND		25.0	29.7		ug/L		119	76 - 120	1	20
1,3-Dichlorobenzene	ND		25.0	28.4		ug/L		114	77 - 120	2	20
1,4-Dichlorobenzene	ND		25.0	27.6		ug/L		110	78 - 124	2	20
2-Hexanone	ND	F1	125	166	F1	ug/L		133	65 - 127	1	15
2-Butanone (MEK)	ND		125	153		ug/L		123	57 - 140	0	20

Eurofins TestAmerica, Buffalo

QC Sample Results

Client: O'Brien & Gere Inc of North America
 Project/Site: Forest Glen Monitoring

Job ID: 480-175538-1

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

Lab Sample ID: 480-175538-4 MSD

Client Sample ID: MW10D 092220

Matrix: Water

Prep Type: Total/NA

Analysis Batch: 551072

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
4-Methyl-2-pentanone (MIBK)	ND	F1	125	162	F1	ug/L		130	71 - 125	0	35
Acetone	ND		125	146		ug/L		117	56 - 142	2	15
Benzene	ND		25.0	28.6		ug/L		114	71 - 124	1	13
Bromodichloromethane	ND		25.0	28.7		ug/L		115	80 - 122	1	15
Bromoform	ND		25.0	26.1		ug/L		104	61 - 132	1	15
Bromomethane	ND		25.0	29.4		ug/L		117	55 - 144	2	15
Carbon disulfide	ND		25.0	28.1		ug/L		113	59 - 134	0	15
Carbon tetrachloride	ND		25.0	27.2		ug/L		109	72 - 134	2	15
Chlorobenzene	ND		25.0	27.9		ug/L		111	80 - 120	0	25
Chlorodibromomethane	ND		25.0	27.2		ug/L		109	75 - 125	0	15
Chloroethane	ND		25.0	31.6		ug/L		127	69 - 136	1	15
Chloroform	ND		25.0	27.4		ug/L		109	73 - 127	2	20
Chloromethane	ND	F1	25.0	32.8	F1	ug/L		131	68 - 124	1	15
cis-1,2-Dichloroethene	ND		25.0	26.4		ug/L		105	74 - 124	3	15
cis-1,3-Dichloropropene	ND		25.0	25.1		ug/L		100	74 - 124	2	15
Cyclohexane	ND		25.0	29.3		ug/L		117	59 - 135	2	20
Dichlorodifluoromethane	ND		25.0	25.3		ug/L		101	59 - 135	2	20
Ethylbenzene	ND		25.0	29.2		ug/L		117	77 - 123	0	15
Isopropylbenzene	ND		25.0	30.2		ug/L		121	77 - 122	3	20
Methyl acetate	ND		50.0	52.9		ug/L		106	74 - 133	1	20
Methyl tert-butyl ether	0.27	J	25.0	27.2		ug/L		108	77 - 120	2	37
Methylcyclohexane	ND		25.0	25.9		ug/L		104	68 - 134	2	20
Methylene Chloride	ND		25.0	26.3		ug/L		105	75 - 124	1	15
Styrene	ND		25.0	28.0		ug/L		112	80 - 120	2	20
Tetrachloroethene	ND		25.0	28.5		ug/L		114	74 - 122	0	20
Toluene	ND		25.0	28.9		ug/L		115	80 - 122	0	15
trans-1,2-Dichloroethene	ND		25.0	28.3		ug/L		113	73 - 127	1	20
trans-1,3-Dichloropropene	ND		25.0	25.4		ug/L		102	80 - 120	1	15
Trichloroethene	ND		25.0	27.3		ug/L		109	74 - 123	3	16
Trichlorofluoromethane	ND		25.0	28.7		ug/L		115	62 - 150	3	20
Vinyl chloride	ND		25.0	31.8		ug/L		127	65 - 133	1	15

Surrogate	MSD %Recovery	MSD Qualifier	MSD Limits
1,2-Dichloroethane-d4 (Surr)	103		77 - 120
Toluene-d8 (Surr)	101		80 - 120
4-Bromofluorobenzene (Surr)	97		73 - 120
Dibromofluoromethane (Surr)	97		75 - 123

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 480-552134/31

Client Sample ID: Method Blank

Matrix: Water

Prep Type: Total/NA

Analysis Batch: 552134

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		0.50	0.28	mg/L			10/01/20 23:17	1
Sulfate	ND		2.0	0.35	mg/L			10/01/20 23:17	1

Eurofins TestAmerica, Buffalo

QC Sample Results

Client: O'Brien & Gere Inc of North America
 Project/Site: Forest Glen Monitoring

Job ID: 480-175538-1

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: MB 480-552134/5
Matrix: Water
Analysis Batch: 552134

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		0.50	0.28	mg/L			10/01/20 17:27	1
Sulfate	ND		2.0	0.35	mg/L			10/01/20 17:27	1

Lab Sample ID: LCS 480-552134/30
Matrix: Water
Analysis Batch: 552134

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	50.0	52.17		mg/L		104	90 - 110
Sulfate	50.0	50.28		mg/L		101	90 - 110

Lab Sample ID: LCS 480-552134/4
Matrix: Water
Analysis Batch: 552134

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	50.0	51.75		mg/L		103	90 - 110
Sulfate	50.0	50.16		mg/L		100	90 - 110

Lab Sample ID: 480-175538-3 MS
Matrix: Water
Analysis Batch: 552134

Client Sample ID: MW6D 092220
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	245		250	493.6		mg/L		99	81 - 120
Sulfate	233		250	468.2		mg/L		94	80 - 120

Lab Sample ID: 480-175538-4 MS
Matrix: Water
Analysis Batch: 552134

Client Sample ID: MW10D 092220
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	382		500	887.0		mg/L		101	81 - 120
Sulfate	229		500	710.1		mg/L		96	80 - 120

Lab Sample ID: 480-175538-4 MSD
Matrix: Water
Analysis Batch: 552134

Client Sample ID: MW10D 092220
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	Limit
Chloride	382		500	889.5		mg/L		101	81 - 120	0	15
Sulfate	229		500	712.6		mg/L		97	80 - 120	0	15

QC Sample Results

Client: O'Brien & Gere Inc of North America
 Project/Site: Forest Glen Monitoring

Job ID: 480-175538-1

Method: 310.2_ASP - Alkalinity - Colorimetric

Lab Sample ID: MB 480-551569/56
Matrix: Water
Analysis Batch: 551569

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Alkalinity, Bicarbonate	4.75	J	10.0	4.0	mg/L			09/28/20 14:50	1

Lab Sample ID: MB 480-551569/66
Matrix: Water
Analysis Batch: 551569

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			09/28/20 15:18	1

Lab Sample ID: MB 480-551569/75
Matrix: Water
Analysis Batch: 551569

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Alkalinity, Bicarbonate	6.07	J	10.0	4.0	mg/L			09/28/20 15:37	1

Lab Sample ID: MB 480-551569/87
Matrix: Water
Analysis Batch: 551569

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			09/28/20 20:08	1

Lab Sample ID: LCS 480-551569/54
Matrix: Water
Analysis Batch: 551569

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	52.64		mg/L		105	90 - 110

Lab Sample ID: LCS 480-551569/64
Matrix: Water
Analysis Batch: 551569

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Alkalinity, Bicarbonate	50.0	54.39		mg/L		109	90 - 110

Lab Sample ID: LCS 480-551569/73
Matrix: Water
Analysis Batch: 551569

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	52.97		mg/L		106	90 - 110

Lab Sample ID: LCS 480-551569/85
Matrix: Water
Analysis Batch: 551569

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Alkalinity, Bicarbonate	50.0	53.77		mg/L		108	90 - 110

Eurofins TestAmerica, Buffalo

QC Sample Results

Client: O'Brien & Gere Inc of North America
 Project/Site: Forest Glen Monitoring

Job ID: 480-175538-1

Method: 310.2_ASP - Alkalinity - Colorimetric

Lab Sample ID: 480-175538-4 MS
Matrix: Water
Analysis Batch: 551569

Client Sample ID: MW10D 092220
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Alkalinity, Bicarbonate	333		20.0	328.3	4	mg/L		-23	60 - 140

Lab Sample ID: 480-175538-4 MSD
Matrix: Water
Analysis Batch: 551569

Client Sample ID: MW10D 092220
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	333		20.0	342.8	4	mg/L		50	60 - 140	4	20

Method: 353.2 - Nitrogen, Nitrite

Lab Sample ID: MB 480-551106/20
Matrix: Water
Analysis Batch: 551106

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrite as N	ND		0.050	0.020	mg/L			09/24/20 15:19	1

Lab Sample ID: MB 480-551106/3
Matrix: Water
Analysis Batch: 551106

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrite as N	ND		0.050	0.020	mg/L			09/24/20 15:01	1

Lab Sample ID: LCS 480-551106/21
Matrix: Water
Analysis Batch: 551106

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	1.46		mg/L		97	90 - 110

Lab Sample ID: LCS 480-551106/4
Matrix: Water
Analysis Batch: 551106

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: 480-175538-4 MS
Matrix: Water
Analysis Batch: 551106

Client Sample ID: MW10D 092220
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Nitrite as N	ND	H	1.00	0.974	H	mg/L		97	90 - 110

QC Sample Results

Client: O'Brien & Gere Inc of North America
 Project/Site: Forest Glen Monitoring

Job ID: 480-175538-1

Method: 353.2 - Nitrogen, Nitrite (Continued)

Lab Sample ID: 480-175538-4 MSD
 Matrix: Water
 Analysis Batch: 551106

Client Sample ID: MW10D 092220
 Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Nitrite as N	ND	H	1.00	0.994	H	mg/L		99	90 - 110	2	20

Method: SM 4500 S2 F - Sulfide, Total

Lab Sample ID: MB 480-551543/3
 Matrix: Water
 Analysis Batch: 551543

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfide	ND		1.0	0.67	mg/L			09/28/20 12:40	1

Lab Sample ID: LCS 480-551543/4
 Matrix: Water
 Analysis Batch: 551543

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Sulfide	9.60	9.60		mg/L		100	90 - 110

Lab Sample ID: 480-175538-4 MS
 Matrix: Water
 Analysis Batch: 551543

Client Sample ID: MW10D 092220
 Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Sulfide	ND		2.45	2.40		mg/L		98	40 - 150

Lab Sample ID: 480-175538-4 MSD
 Matrix: Water
 Analysis Batch: 551543

Client Sample ID: MW10D 092220
 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		2.45	2.40		mg/L		98	40 - 150	0	20

Method: SM 5310C - Organic Carbon, Dissolved (DOC)

Lab Sample ID: MB 480-551366/3
 Matrix: Water
 Analysis Batch: 551366

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			09/25/20 13:19	1

Lab Sample ID: LCS 480-551366/4
 Matrix: Water
 Analysis Batch: 551366

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	63.29		mg/L		105	90 - 110

QC Sample Results

Client: O'Brien & Gere Inc of North America
 Project/Site: Forest Glen Monitoring

Job ID: 480-175538-1

Method: SM 5310C - Organic Carbon, Dissolved (DOC) (Continued)

Lab Sample ID: 480-175538-4 MS
Matrix: Water
Analysis Batch: 551366

Client Sample ID: MW10D 092220
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	F1 F2	23.3	45.74	F1	mg/L		183	54 - 131

Lab Sample ID: 480-175538-4 MSD
Matrix: Water
Analysis Batch: 551366

Client Sample ID: MW10D 092220
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	F1 F2	23.3	28.14	F2	mg/L		107	54 - 131	48	20

Lab Sample ID: MB 480-551956/3
Matrix: Water
Analysis Batch: 551956

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			09/30/20 10:01	1

Lab Sample ID: LCS 480-551956/4
Matrix: Water
Analysis Batch: 551956

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	62.82		mg/L		105	90 - 110

Lab Sample ID: 480-175538-4 MS
Matrix: Water
Analysis Batch: 551956

Client Sample ID: MW10D 092220
Prep Type: Dissolved

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Dissolved Organic Carbon - Duplicate	3.1	F2 F1	23.3	45.38	F1	mg/L		182	54 - 131

Lab Sample ID: 480-175538-4 MSD
Matrix: Water
Analysis Batch: 551956

Client Sample ID: MW10D 092220
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	3.1	F2 F1	23.3	27.79	F2	mg/L		106	54 - 131	48	20

QC Association Summary

Client: O'Brien & Gere Inc of North America
Project/Site: Forest Glen Monitoring

Job ID: 480-175538-1

GC/MS VOA

Analysis Batch: 551072

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-175538-1	MW1D 092220	Total/NA	Water	8260C	
480-175538-2	MW1S 092220	Total/NA	Water	8260C	
480-175538-3	MW6D 092220	Total/NA	Water	8260C	
480-175538-4	MW10D 092220	Total/NA	Water	8260C	
480-175538-5	MW6DD 092220	Total/NA	Water	8260C	
480-175538-6	MW10S 092320	Total/NA	Water	8260C	
480-175538-7	MW5D 092320	Total/NA	Water	8260C	
480-175538-8	X-1 092320	Total/NA	Water	8260C	
480-175538-9	MW6S 092320	Total/NA	Water	8260C	
480-175538-10	MW4D 092320	Total/NA	Water	8260C	
480-175538-11	MW8DD 092320	Total/NA	Water	8260C	
480-175538-12	MW8D 092320	Total/NA	Water	8260C	
480-175538-13	TRIP BLANK	Total/NA	Water	8260C	
MB 480-551072/7	Method Blank	Total/NA	Water	8260C	
LCS 480-551072/5	Lab Control Sample	Total/NA	Water	8260C	
480-175538-4 MS	MW10D 092220	Total/NA	Water	8260C	
480-175538-4 MSD	MW10D 092220	Total/NA	Water	8260C	

General Chemistry

Analysis Batch: 551106

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-175538-4	MW10D 092220	Total/NA	Water	353.2	
MB 480-551106/20	Method Blank	Total/NA	Water	353.2	
MB 480-551106/3	Method Blank	Total/NA	Water	353.2	
LCS 480-551106/21	Lab Control Sample	Total/NA	Water	353.2	
LCS 480-551106/4	Lab Control Sample	Total/NA	Water	353.2	
480-175538-4 MS	MW10D 092220	Total/NA	Water	353.2	
480-175538-4 MSD	MW10D 092220	Total/NA	Water	353.2	

Analysis Batch: 551109

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-175538-1	MW1D 092220	Total/NA	Water	353.2	
480-175538-2	MW1S 092220	Total/NA	Water	353.2	
480-175538-3	MW6D 092220	Total/NA	Water	353.2	
480-175538-4	MW10D 092220	Total/NA	Water	353.2	
480-175538-5	MW6DD 092220	Total/NA	Water	353.2	
480-175538-6	MW10S 092320	Total/NA	Water	353.2	
480-175538-7	MW5D 092320	Total/NA	Water	353.2	
480-175538-8	X-1 092320	Total/NA	Water	353.2	
480-175538-9	MW6S 092320	Total/NA	Water	353.2	
480-175538-10	MW4D 092320	Total/NA	Water	353.2	
480-175538-11	MW8DD 092320	Total/NA	Water	353.2	
480-175538-12	MW8D 092320	Total/NA	Water	353.2	

Analysis Batch: 551116

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-175538-1	MW1D 092220	Total/NA	Water	353.2	
480-175538-2	MW1S 092220	Total/NA	Water	353.2	
480-175538-3	MW6D 092220	Total/NA	Water	353.2	
480-175538-5	MW6DD 092220	Total/NA	Water	353.2	

Eurofins TestAmerica, Buffalo

QC Association Summary

Client: O'Brien & Gere Inc of North America
Project/Site: Forest Glen Monitoring

Job ID: 480-175538-1

General Chemistry (Continued)

Analysis Batch: 551116 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-175538-6	MW10S 092320	Total/NA	Water	353.2	
480-175538-7	MW5D 092320	Total/NA	Water	353.2	
480-175538-8	X-1 092320	Total/NA	Water	353.2	
480-175538-9	MW6S 092320	Total/NA	Water	353.2	
480-175538-10	MW4D 092320	Total/NA	Water	353.2	
480-175538-11	MW8DD 092320	Total/NA	Water	353.2	
480-175538-12	MW8D 092320	Total/NA	Water	353.2	

Analysis Batch: 551366

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-175538-1	MW1D 092220	Dissolved	Water	SM 5310C	
480-175538-2	MW1S 092220	Dissolved	Water	SM 5310C	
480-175538-3	MW6D 092220	Dissolved	Water	SM 5310C	
480-175538-4	MW10D 092220	Dissolved	Water	SM 5310C	
480-175538-5	MW6DD 092220	Dissolved	Water	SM 5310C	
480-175538-6	MW10S 092320	Dissolved	Water	SM 5310C	
MB 480-551366/3	Method Blank	Dissolved	Water	SM 5310C	
LCS 480-551366/4	Lab Control Sample	Dissolved	Water	SM 5310C	
480-175538-4 MS	MW10D 092220	Dissolved	Water	SM 5310C	
480-175538-4 MSD	MW10D 092220	Dissolved	Water	SM 5310C	

Analysis Batch: 551543

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-175538-1	MW1D 092220	Total/NA	Water	SM 4500 S2 F	
480-175538-2	MW1S 092220	Total/NA	Water	SM 4500 S2 F	
480-175538-3	MW6D 092220	Total/NA	Water	SM 4500 S2 F	
480-175538-4	MW10D 092220	Total/NA	Water	SM 4500 S2 F	
480-175538-5	MW6DD 092220	Total/NA	Water	SM 4500 S2 F	
480-175538-6	MW10S 092320	Total/NA	Water	SM 4500 S2 F	
480-175538-7	MW5D 092320	Total/NA	Water	SM 4500 S2 F	
480-175538-8	X-1 092320	Total/NA	Water	SM 4500 S2 F	
480-175538-9	MW6S 092320	Total/NA	Water	SM 4500 S2 F	
480-175538-10	MW4D 092320	Total/NA	Water	SM 4500 S2 F	
480-175538-11	MW8DD 092320	Total/NA	Water	SM 4500 S2 F	
480-175538-12	MW8D 092320	Total/NA	Water	SM 4500 S2 F	
MB 480-551543/3	Method Blank	Total/NA	Water	SM 4500 S2 F	
LCS 480-551543/4	Lab Control Sample	Total/NA	Water	SM 4500 S2 F	
480-175538-4 MS	MW10D 092220	Total/NA	Water	SM 4500 S2 F	
480-175538-4 MSD	MW10D 092220	Total/NA	Water	SM 4500 S2 F	

Analysis Batch: 551569

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-175538-1	MW1D 092220	Total/NA	Water	310.2_ASP	
480-175538-2	MW1S 092220	Total/NA	Water	310.2_ASP	
480-175538-3	MW6D 092220	Total/NA	Water	310.2_ASP	
480-175538-4	MW10D 092220	Total/NA	Water	310.2_ASP	
480-175538-5	MW6DD 092220	Total/NA	Water	310.2_ASP	
480-175538-6	MW10S 092320	Total/NA	Water	310.2_ASP	
480-175538-7	MW5D 092320	Total/NA	Water	310.2_ASP	
480-175538-8	X-1 092320	Total/NA	Water	310.2_ASP	
480-175538-9	MW6S 092320	Total/NA	Water	310.2_ASP	

Eurofins TestAmerica, Buffalo

QC Association Summary

Client: O'Brien & Gere Inc of North America
 Project/Site: Forest Glen Monitoring

Job ID: 480-175538-1

General Chemistry (Continued)

Analysis Batch: 551569 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-175538-10	MW4D 092320	Total/NA	Water	310.2_ASP	
480-175538-11	MW8DD 092320	Total/NA	Water	310.2_ASP	
480-175538-12	MW8D 092320	Total/NA	Water	310.2_ASP	
MB 480-551569/56	Method Blank	Total/NA	Water	310.2_ASP	
MB 480-551569/66	Method Blank	Total/NA	Water	310.2_ASP	
MB 480-551569/75	Method Blank	Total/NA	Water	310.2_ASP	
MB 480-551569/87	Method Blank	Total/NA	Water	310.2_ASP	
LCS 480-551569/54	Lab Control Sample	Total/NA	Water	310.2_ASP	
LCS 480-551569/64	Lab Control Sample	Total/NA	Water	310.2_ASP	
LCS 480-551569/73	Lab Control Sample	Total/NA	Water	310.2_ASP	
LCS 480-551569/85	Lab Control Sample	Total/NA	Water	310.2_ASP	
480-175538-4 MS	MW10D 092220	Total/NA	Water	310.2_ASP	
480-175538-4 MSD	MW10D 092220	Total/NA	Water	310.2_ASP	

Analysis Batch: 551956

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-175538-4	MW10D 092220	Dissolved	Water	SM 5310C	
480-175538-7	MW5D 092320	Dissolved	Water	SM 5310C	
480-175538-8	X-1 092320	Dissolved	Water	SM 5310C	
480-175538-9	MW6S 092320	Dissolved	Water	SM 5310C	
480-175538-10	MW4D 092320	Dissolved	Water	SM 5310C	
480-175538-11	MW8DD 092320	Dissolved	Water	SM 5310C	
480-175538-12	MW8D 092320	Dissolved	Water	SM 5310C	
MB 480-551956/3	Method Blank	Dissolved	Water	SM 5310C	
LCS 480-551956/4	Lab Control Sample	Dissolved	Water	SM 5310C	
480-175538-4 MS	MW10D 092220	Dissolved	Water	SM 5310C	
480-175538-4 MSD	MW10D 092220	Dissolved	Water	SM 5310C	

Analysis Batch: 552134

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-175538-1	MW1D 092220	Total/NA	Water	300.0	
480-175538-2	MW1S 092220	Total/NA	Water	300.0	
480-175538-3	MW6D 092220	Total/NA	Water	300.0	
480-175538-4	MW10D 092220	Total/NA	Water	300.0	
480-175538-5	MW6DD 092220	Total/NA	Water	300.0	
480-175538-6	MW10S 092320	Total/NA	Water	300.0	
480-175538-7	MW5D 092320	Total/NA	Water	300.0	
480-175538-8	X-1 092320	Total/NA	Water	300.0	
480-175538-9	MW6S 092320	Total/NA	Water	300.0	
480-175538-10	MW4D 092320	Total/NA	Water	300.0	
480-175538-11	MW8DD 092320	Total/NA	Water	300.0	
480-175538-12	MW8D 092320	Total/NA	Water	300.0	
MB 480-552134/31	Method Blank	Total/NA	Water	300.0	
MB 480-552134/5	Method Blank	Total/NA	Water	300.0	
LCS 480-552134/30	Lab Control Sample	Total/NA	Water	300.0	
LCS 480-552134/4	Lab Control Sample	Total/NA	Water	300.0	
480-175538-3 MS	MW6D 092220	Total/NA	Water	300.0	
480-175538-4 MS	MW10D 092220	Total/NA	Water	300.0	
480-175538-4 MSD	MW10D 092220	Total/NA	Water	300.0	

Lab Chronicle

Client: O'Brien & Gere Inc of North America
Project/Site: Forest Glen Monitoring

Job ID: 480-175538-1

Client Sample ID: MW1D 092220

Lab Sample ID: 480-175538-1

Date Collected: 09/22/20 09:50

Matrix: Water

Date Received: 09/23/20 17:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	551072	09/25/20 00:52	RJF	TAL BUF
Total/NA	Analysis	300.0		5	552134	10/01/20 21:35	RJS	TAL BUF
Total/NA	Analysis	310.2_ASP		5	551569	09/28/20 15:28	SRW	TAL BUF
Total/NA	Analysis	353.2		1	551109	09/24/20 14:00	ALT	TAL BUF
Total/NA	Analysis	353.2		1	551116	09/24/20 14:00	ALT	TAL BUF
Total/NA	Analysis	SM 4500 S2 F		1	551543	09/28/20 12:40	MJB	TAL BUF
Dissolved	Analysis	SM 5310C		1	551366	09/25/20 13:50	CLA	TAL BUF

Client Sample ID: MW1S 092220

Lab Sample ID: 480-175538-2

Date Collected: 09/22/20 09:55

Matrix: Water

Date Received: 09/23/20 17:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	551072	09/25/20 01:16	RJF	TAL BUF
Total/NA	Analysis	300.0		20	552134	10/01/20 21:50	RJS	TAL BUF
Total/NA	Analysis	310.2_ASP		5	551569	09/28/20 15:29	SRW	TAL BUF
Total/NA	Analysis	353.2		1	551109	09/24/20 14:01	ALT	TAL BUF
Total/NA	Analysis	353.2		1	551116	09/24/20 14:01	ALT	TAL BUF
Total/NA	Analysis	SM 4500 S2 F		1	551543	09/28/20 12:40	MJB	TAL BUF
Dissolved	Analysis	SM 5310C		1	551366	09/25/20 14:06	CLA	TAL BUF

Client Sample ID: MW6D 092220

Lab Sample ID: 480-175538-3

Date Collected: 09/22/20 12:33

Matrix: Water

Date Received: 09/23/20 17:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	551072	09/25/20 01:40	RJF	TAL BUF
Total/NA	Analysis	300.0		5	552134	10/01/20 22:04	RJS	TAL BUF
Total/NA	Analysis	310.2_ASP		5	551569	09/28/20 15:29	SRW	TAL BUF
Total/NA	Analysis	353.2		1	551109	09/24/20 14:02	ALT	TAL BUF
Total/NA	Analysis	353.2		1	551116	09/24/20 14:02	ALT	TAL BUF
Total/NA	Analysis	SM 4500 S2 F		1	551543	09/28/20 12:40	MJB	TAL BUF
Dissolved	Analysis	SM 5310C		1	551366	09/25/20 14:21	CLA	TAL BUF

Client Sample ID: MW10D 092220

Lab Sample ID: 480-175538-4

Date Collected: 09/22/20 13:10

Matrix: Water

Date Received: 09/23/20 17:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	551072	09/25/20 02:04	RJF	TAL BUF
Total/NA	Analysis	300.0		10	552134	10/02/20 00:45	RJS	TAL BUF
Total/NA	Analysis	310.2_ASP		5	551569	09/28/20 15:29	SRW	TAL BUF
Total/NA	Analysis	353.2		1	551109	09/24/20 15:03	ALT	TAL BUF

Eurofins TestAmerica, Buffalo

Lab Chronicle

Client: O'Brien & Gere Inc of North America
Project/Site: Forest Glen Monitoring

Job ID: 480-175538-1

Client Sample ID: MW10D 092220

Lab Sample ID: 480-175538-4

Date Collected: 09/22/20 13:10

Matrix: Water

Date Received: 09/23/20 17:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	353.2		1	551106	09/24/20 15:03	ALT	TAL BUF
Total/NA	Analysis	SM 4500 S2 F		1	551543	09/28/20 12:40	MJB	TAL BUF
Dissolved	Analysis	SM 5310C		1	551366	09/25/20 14:37	CLA	TAL BUF
Dissolved	Analysis	SM 5310C		1	551956	09/30/20 10:33	CLA	TAL BUF

Client Sample ID: MW6DD 092220

Lab Sample ID: 480-175538-5

Date Collected: 09/22/20 15:00

Matrix: Water

Date Received: 09/23/20 17:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	551072	09/25/20 02:28	RJF	TAL BUF
Total/NA	Analysis	300.0		5	552134	10/01/20 23:32	RJS	TAL BUF
Total/NA	Analysis	310.2_ASP		5	551569	09/28/20 15:37	SRW	TAL BUF
Total/NA	Analysis	353.2		1	551109	09/24/20 14:07	ALT	TAL BUF
Total/NA	Analysis	353.2		1	551116	09/24/20 14:07	ALT	TAL BUF
Total/NA	Analysis	SM 4500 S2 F		1	551543	09/28/20 12:40	MJB	TAL BUF
Dissolved	Analysis	SM 5310C		1	551366	09/25/20 15:23	CLA	TAL BUF

Client Sample ID: MW10S 092320

Lab Sample ID: 480-175538-6

Date Collected: 09/22/20 09:02

Matrix: Water

Date Received: 09/23/20 17:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	551072	09/25/20 02:52	RJF	TAL BUF
Total/NA	Analysis	300.0		5	552134	10/01/20 23:46	RJS	TAL BUF
Total/NA	Analysis	310.2_ASP		5	551569	09/28/20 15:37	SRW	TAL BUF
Total/NA	Analysis	353.2		1	551109	09/24/20 14:08	ALT	TAL BUF
Total/NA	Analysis	353.2		1	551116	09/24/20 14:08	ALT	TAL BUF
Total/NA	Analysis	SM 4500 S2 F		1	551543	09/28/20 12:40	MJB	TAL BUF
Dissolved	Analysis	SM 5310C		1	551366	09/25/20 15:38	CLA	TAL BUF

Client Sample ID: MW5D 092320

Lab Sample ID: 480-175538-7

Date Collected: 09/22/20 10:30

Matrix: Water

Date Received: 09/23/20 17:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	551072	09/25/20 03:16	RJF	TAL BUF
Total/NA	Analysis	300.0		5	552134	10/02/20 00:01	RJS	TAL BUF
Total/NA	Analysis	310.2_ASP		5	551569	09/28/20 15:38	SRW	TAL BUF
Total/NA	Analysis	353.2		1	551109	09/24/20 14:12	ALT	TAL BUF
Total/NA	Analysis	353.2		1	551116	09/24/20 14:12	ALT	TAL BUF
Total/NA	Analysis	SM 4500 S2 F		1	551543	09/28/20 12:40	MJB	TAL BUF
Dissolved	Analysis	SM 5310C		1	551956	09/30/20 11:19	CLA	TAL BUF

Eurofins TestAmerica, Buffalo

Lab Chronicle

Client: O'Brien & Gere Inc of North America
 Project/Site: Forest Glen Monitoring

Job ID: 480-175538-1

Client Sample ID: X-1 092320

Lab Sample ID: 480-175538-8

Date Collected: 09/23/20 00:00

Matrix: Water

Date Received: 09/23/20 17:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	551072	09/25/20 03:40	RJF	TAL BUF
Total/NA	Analysis	300.0		5	552134	10/02/20 00:16	RJS	TAL BUF
Total/NA	Analysis	310.2_ASP		5	551569	09/28/20 15:38	SRW	TAL BUF
Total/NA	Analysis	353.2		1	551109	09/24/20 14:14	ALT	TAL BUF
Total/NA	Analysis	353.2		1	551116	09/24/20 14:14	ALT	TAL BUF
Total/NA	Analysis	SM 4500 S2 F		1	551543	09/28/20 12:40	MJB	TAL BUF
Dissolved	Analysis	SM 5310C		1	551956	09/30/20 11:34	CLA	TAL BUF

Client Sample ID: MW6S 092320

Lab Sample ID: 480-175538-9

Date Collected: 09/23/20 11:12

Matrix: Water

Date Received: 09/23/20 17:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	551072	09/25/20 04:04	RJF	TAL BUF
Total/NA	Analysis	300.0		5	552134	10/02/20 00:30	RJS	TAL BUF
Total/NA	Analysis	310.2_ASP		5	551569	09/28/20 15:38	SRW	TAL BUF
Total/NA	Analysis	353.2		1	551109	09/24/20 14:15	ALT	TAL BUF
Total/NA	Analysis	353.2		1	551116	09/24/20 14:15	ALT	TAL BUF
Total/NA	Analysis	SM 4500 S2 F		1	551543	09/28/20 12:40	MJB	TAL BUF
Dissolved	Analysis	SM 5310C		1	551956	09/30/20 11:50	CLA	TAL BUF

Client Sample ID: MW4D 092320

Lab Sample ID: 480-175538-10

Date Collected: 09/23/20 11:15

Matrix: Water

Date Received: 09/23/20 17:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	551072	09/25/20 04:28	RJF	TAL BUF
Total/NA	Analysis	300.0		5	552134	10/02/20 01:58	RJS	TAL BUF
Total/NA	Analysis	310.2_ASP		5	551569	09/28/20 15:39	SRW	TAL BUF
Total/NA	Analysis	353.2		1	551109	09/24/20 14:16	ALT	TAL BUF
Total/NA	Analysis	353.2		1	551116	09/24/20 14:16	ALT	TAL BUF
Total/NA	Analysis	SM 4500 S2 F		1	551543	09/28/20 12:40	MJB	TAL BUF
Dissolved	Analysis	SM 5310C		1	551956	09/30/20 12:05	CLA	TAL BUF

Client Sample ID: MW8DD 092320

Lab Sample ID: 480-175538-11

Date Collected: 09/23/20 14:10

Matrix: Water

Date Received: 09/23/20 17:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	551072	09/25/20 04:52	RJF	TAL BUF
Total/NA	Analysis	300.0		10	552134	10/02/20 02:12	RJS	TAL BUF
Total/NA	Analysis	310.2_ASP		5	551569	09/28/20 15:39	SRW	TAL BUF
Total/NA	Analysis	353.2		1	551109	09/24/20 14:17	ALT	TAL BUF

Eurofins TestAmerica, Buffalo

Lab Chronicle

Client: O'Brien & Gere Inc of North America
 Project/Site: Forest Glen Monitoring

Job ID: 480-175538-1

Client Sample ID: MW8DD 092320

Lab Sample ID: 480-175538-11

Date Collected: 09/23/20 14:10

Matrix: Water

Date Received: 09/23/20 17:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	353.2		1	551116	09/24/20 14:17	ALT	TAL BUF
Total/NA	Analysis	SM 4500 S2 F		1	551543	09/28/20 12:40	MJB	TAL BUF
Dissolved	Analysis	SM 5310C		1	551956	09/30/20 12:20	CLA	TAL BUF

Client Sample ID: MW8D 092320

Lab Sample ID: 480-175538-12

Date Collected: 09/23/20 14:45

Matrix: Water

Date Received: 09/23/20 17:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	551072	09/25/20 05:16	RJF	TAL BUF
Total/NA	Analysis	300.0		5	552134	10/02/20 02:27	RJS	TAL BUF
Total/NA	Analysis	310.2_ASP		5	551569	09/28/20 15:39	SRW	TAL BUF
Total/NA	Analysis	353.2		1	551109	09/24/20 14:18	ALT	TAL BUF
Total/NA	Analysis	353.2		1	551116	09/24/20 14:18	ALT	TAL BUF
Total/NA	Analysis	SM 4500 S2 F		1	551543	09/28/20 12:40	MJB	TAL BUF
Dissolved	Analysis	SM 5310C		1	551956	09/30/20 14:24	CLA	TAL BUF

Client Sample ID: TRIP BLANK

Lab Sample ID: 480-175538-13

Date Collected: 09/23/20 00:00

Matrix: Water

Date Received: 09/23/20 17:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	551072	09/25/20 05:40	RJF	TAL BUF

Laboratory References:

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

Accreditation/Certification Summary

Client: O'Brien & Gere Inc of North America
Project/Site: Forest Glen Monitoring

Job ID: 480-175538-1

Laboratory: Eurofins TestAmerica, Buffalo

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

Authority	Program	Identification Number	Expiration Date
New York	NELAP	10026	04-01-21

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

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14
- 15
- 16

Method Summary

Client: O'Brien & Gere Inc of North America
Project/Site: Forest Glen Monitoring

Job ID: 480-175538-1

Method	Method Description	Protocol	Laboratory
8260C	Volatile Organic Compounds by GC/MS	SW846	TAL BUF
300.0	Anions, Ion Chromatography	MCAWW	TAL BUF
310.2_ASP	Alkalinity - Colorimetric	MCAWW	TAL BUF
353.2	Nitrate	EPA	TAL BUF
353.2	Nitrogen, Nitrite	MCAWW	TAL BUF
SM 4500 S2 F	Sulfide, Total	SM	TAL BUF
SM 5310C	Organic Carbon, Dissolved (DOC)	SM	TAL BUF
5030C	Purge and Trap	SW846	TAL BUF

Protocol References:

EPA = US Environmental Protection Agency

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

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

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

Laboratory References:

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

Sample Summary

Client: O'Brien & Gere Inc of North America
Project/Site: Forest Glen Monitoring

Job ID: 480-175538-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Asset ID
480-175538-1	MW1D 092220	Water	09/22/20 09:50	09/23/20 17:00	
480-175538-2	MW1S 092220	Water	09/22/20 09:55	09/23/20 17:00	
480-175538-3	MW6D 092220	Water	09/22/20 12:33	09/23/20 17:00	
480-175538-4	MW10D 092220	Water	09/22/20 13:10	09/23/20 17:00	
480-175538-5	MW6DD 092220	Water	09/22/20 15:00	09/23/20 17:00	
480-175538-6	MW10S 092320	Water	09/22/20 09:02	09/23/20 17:00	
480-175538-7	MW5D 092320	Water	09/22/20 10:30	09/23/20 17:00	
480-175538-8	X-1 092320	Water	09/23/20 00:00	09/23/20 17:00	
480-175538-9	MW6S 092320	Water	09/23/20 11:12	09/23/20 17:00	
480-175538-10	MW4D 092320	Water	09/23/20 11:15	09/23/20 17:00	
480-175538-11	MW8DD 092320	Water	09/23/20 14:10	09/23/20 17:00	
480-175538-12	MW8D 092320	Water	09/23/20 14:45	09/23/20 17:00	
480-175538-13	TRIP BLANK	Water	09/23/20 00:00	09/23/20 17:00	

Quantitation Limit Exceptions Summary

Client: O'Brien & Gere Inc of North America
Project/Site: Forest Glen Monitoring

Job ID: 480-175538-1

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

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14
- 15
- 16

Chain of Custody Record

Client Information Client Contact: Mr. Yuri Veliz 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@ramboll.com Project Name: Forest Glen Monitoring Site:		Lab PM: Schove, John R. E-Mail: John.Schove@Eurofins.com Carrier Tracking No(s): COC No: 480-150718-27221.1 Page: Page 1 of 3 Job #:	
Due Date Requested: TAT Requested (days): PO #: 92001143 WO #: Project #: 48002808 SSOV#:		Analysis Requested 8260C - TCL List VOCs 300_280 - Chloride & Sulfate 353_2 - Nitrite, Nitrate, Calc SM5310_DOC_C - Dissolved Organic Carbon 310_2 - Alkalinity SM4500_52_D - Total Sulfide 8260C - TCL Volatiles	
Field Filtered Sample (Yes or No) <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Perform MS/MSD (Yes or No) <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Total Number of <input checked="" type="checkbox"/>		Preservation Codes: A - HCL B - NaOH C - Zn Acetate D - None M - Hexane N - None O - AsNaO2	
Sample Identification Sample Date Sample Time Sample Type (C=Comp, G=grab) Matrix (W=water, S=solid, O=soil, BT=Tissue, AA=)		Special Instructions/Note: 480-175538 Chain of Custody	
Possible Hazard Identification <input type="checkbox"/> Non-Hazard <input type="checkbox"/> Flammable <input type="checkbox"/> Skin Irritant <input type="checkbox"/> Poison B <input type="checkbox"/> Unknown <input type="checkbox"/> Radiological		Sample Disposal (A fee may be assessed if samples are retained longer than 1 month) <input type="checkbox"/> Return To Client <input type="checkbox"/> Disposal By Lab <input type="checkbox"/> Archive For Months	
Deliverable Requested: I, II, III, IV, Other (specify)		Special Instructions/OC Requirements:	
Empty Kit Relinquished by: Monte Kevender Date/Time: 9-23-20 / 17:00 Company: CBG		Method of Shipment:	
Relinquished by:		Received by:	
Relinquished by:		Received by:	
Relinquished by:		Received by:	
Custody Seals Intact: <input type="checkbox"/> Yes <input type="checkbox"/> No Custody Seal No.:		Cooler Temperature(s) °C and Other Remarks: 410 319 # 1 ICE	

Chain of Custody Record

Client Information		Lab PM Schove, John R.		Carrier Tracking No(s): 480-150716-27221.2	
Client Contact Mr. Yuri Veliz		E-Mail: John.Schove@Eurofins.com		Page: Page 2 of 3	
Company: O'Brien & Gere Inc of North America		Address: 333 West Washington St. PO BOX 4873		Job #:	
City: East Syracuse		State, Zip: NY, 13221		Analysis Requested	
Phone: 315-956-6100(Tel) 315-463-7554(Fax)		PO #: 92001143		Total Number of Containers	
Email: yuri.veliz@ramboll.com		WO #:		Preservation Codes: A - HCL B - NaOH C - Zn Acetate D - Nitric Acid E - NaHSO4 F - MeOH G - Anchoir H - Ascorbic Acid I - Ice J - DI Water K - EDTA L - EDA Other:	
Project Name: Forest Glen Monitoring		Project #: 48002808		M - Hexane N - None O - AsNaO2 P - Na2O4S Q - Na2SO3 R - Na2S2O3 S - H2SO4 T - TSP Dodecahydrate U - Acetone V - MCAA W - pH 4-5 Z - other (specify)	
Site: Forest Glen Monitoring		SSOW#:		Special Instructions/Note:	

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, D=wastewater, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	R260C - TCL List VOCs	300.0_2BD - Chloride & Sulfate	353.2 Nitrite, Nitrate, Calc	310.2 - Alkalinity	SM4500_S2_D - Total Sulfide	R260C - TCL Volatiles
MW 4D 092320	9-23-20	11:15	G	Water	X		3	1	2	1	1	
MW 8DD 092320	9-23-20	14:10	G	Water			1	1	1	1	1	
MW 8D 092320	9-23-20	14:45	G	Water								
QC TRIP BLANKS				Water								2
				Water								
				Water								
				Water								
				Water								
				Water								
				Water								
				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: _____

Relinquished by: *Matthew Kimbure* Date/Time: 9-23-20 / 17:00 Company: CBG

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

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

Custody Seals Intact: _____ Custody Seal No.: _____

Relinquished by: *John Schove* Date/Time: 9/23/20/17:00 Company: _____

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

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

Cooler Temperature(s) °C and Other Remarks

Login Sample Receipt Checklist

Client: O'Brien & Gere Inc of North America

Job Number: 480-175538-1

Login Number: 175538

List Source: Eurofins TestAmerica, 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	obg
Samples received within 48 hours of sampling.	True	
Samples requiring field filtration have been filtered in the field.	True	
Chlorine Residual checked.	N/A	

ANALYTICAL REPORT

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

Laboratory Job ID: 480-175610-1
Client Project/Site: Forest Glen Monitoring

For:

O'Brien & Gere Inc of North America
333 West Washington St.
PO BOX 4873
East Syracuse, New York 13221

Attn: Mr. David J Carnevale



Authorized for release by:
10/6/2020 5:42:24 PM

Rebecca Jones, Project Management Assistant I
Rebecca.Jones@Eurofinset.com

Designee for

John Schove, Project Manager II
(716)504-9838
John.Schove@Eurofinset.com

LINKS

Review your project
results through
TotalAccess

Have a Question?



Visit us at:

www.eurofinsus.com/Env

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

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

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



Table of Contents

Cover Page	1
Table of Contents	2
Definitions/Glossary	3
Case Narrative	4
Detection Summary	5
Client Sample Results	7
Surrogate Summary	16
QC Sample Results	17
QC Association Summary	23
Lab Chronicle	25
Certification Summary	27
Method Summary	28
Sample Summary	29
Detection Limit Exceptions Summary	30
Chain of Custody	31
Receipt Checklists	32

Definitions/Glossary

Client: O'Brien & Gere Inc of North America
Project/Site: Forest Glen Monitoring

Job ID: 480-175610-1

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.

General Chemistry

Qualifier	Qualifier Description
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.
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: 480-175610-1

Job ID: 480-175610-1

Laboratory: Eurofins TestAmerica, Buffalo

Narrative

Job Narrative 480-175610-1

Comments

No additional comments.

Receipt

The samples were received on 9/24/2020 5:40 PM; the samples arrived in good condition, and where required, properly preserved and on ice. The temperature of the cooler at receipt was 3.8° C.

GC/MS VOA

Method 8260C: The following volatiles sample was diluted due to foaming at the time of purging during the original sample analysis: MW7S 092420 (480-175610-5). Elevated reporting limits (RLs) are provided.

Method 8260C: The continuing calibration verification (CCV) associated with batch 480-551579 recovered outside acceptance criteria, low biased, for 2-Butanone. A reporting limit (RL) standard was analyzed, and the target analyte was detected. Since the associated samples were non-detect for this analyte, the data have been reported. The associated samples are impacted: MW5S 092420 (480-175610-1), MW8S 092420 (480-175610-2), MW7DD 092420 (480-175610-3), MW7D 092420 (480-175610-4), MW7S 092420 (480-175610-5) and TRIP BLANK (480-175610-6).

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

HPLC/IC

Method 300.0: The following samples were diluted to bring the concentration of target analytes within the calibration range: MW5S 092420 (480-175610-1), MW8S 092420 (480-175610-2), MW7DD 092420 (480-175610-3) and MW7D 092420 (480-175610-4). Elevated reporting limits (RLs) are provided.

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

General Chemistry

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

Detection Summary

Client: O'Brien & Gere Inc of North America
Project/Site: Forest Glen Monitoring

Job ID: 480-175610-1

Client Sample ID: MW5S 092420

Lab Sample ID: 480-175610-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1,1-Trichloroethane	9.7		1.0	0.82	ug/L	1		8260C	Total/NA
1,1-Dichloroethane	27		1.0	0.38	ug/L	1		8260C	Total/NA
1,1-Dichloroethene	2.8		1.0	0.29	ug/L	1		8260C	Total/NA
cis-1,2-Dichloroethene	47		1.0	0.81	ug/L	1		8260C	Total/NA
Trichloroethene	21		1.0	0.46	ug/L	1		8260C	Total/NA
Vinyl chloride	1.4		1.0	0.90	ug/L	1		8260C	Total/NA
Chloride	14.5		1.0	0.56	mg/L	2		300.0	Total/NA
Sulfate	132		4.0	0.70	mg/L	2		300.0	Total/NA
Alkalinity, Bicarbonate	278		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	0.027	J F1	0.050	0.020	mg/L	1		353.2	Total/NA
Sulfide	0.80	J	1.0	0.67	mg/L	1		SM 4500 S2 F	Total/NA
Dissolved Organic Carbon - Duplicate	18.8		1.0	0.43	mg/L	1		SM 5310C	Dissolved

Client Sample ID: MW8S 092420

Lab Sample ID: 480-175610-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	2.7		1.0	0.81	ug/L	1		8260C	Total/NA
Tetrachloroethene	0.60	J	1.0	0.36	ug/L	1		8260C	Total/NA
Trichloroethene	2.3		1.0	0.46	ug/L	1		8260C	Total/NA
Chloride	22.1		1.0	0.56	mg/L	2		300.0	Total/NA
Sulfate	95.2		4.0	0.70	mg/L	2		300.0	Total/NA
Alkalinity, Bicarbonate	264		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
Nitrite as N	0.046	J	0.050	0.020	mg/L	1		353.2	Total/NA
Dissolved Organic Carbon - Duplicate	2.6		1.0	0.43	mg/L	1		SM 5310C	Dissolved

Client Sample ID: MW7DD 092420

Lab Sample ID: 480-175610-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	54.7		2.5	1.4	mg/L	5		300.0	Total/NA
Sulfate	397		10.0	1.7	mg/L	5		300.0	Total/NA
Alkalinity, Bicarbonate	284		50.0	20.0	mg/L	5		310.2_ASP	Total/NA
Nitrite as N	0.021	J	0.050	0.020	mg/L	1		353.2	Total/NA
Dissolved Organic Carbon - Duplicate	4.9		1.0	0.43	mg/L	1		SM 5310C	Dissolved

Client Sample ID: MW7D 092420

Lab Sample ID: 480-175610-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	1.1		1.0	0.81	ug/L	1		8260C	Total/NA
Trichloroethene	0.78	J	1.0	0.46	ug/L	1		8260C	Total/NA
Chloride	80.8		2.5	1.4	mg/L	5		300.0	Total/NA
Sulfate	105		10.0	1.7	mg/L	5		300.0	Total/NA
Alkalinity, Bicarbonate	349		50.0	20.0	mg/L	5		310.2_ASP	Total/NA
Nitrate as N	0.090		0.050	0.020	mg/L	1		353.2	Total/NA
Nitrite as N	0.020	J	0.050	0.020	mg/L	1		353.2	Total/NA
Dissolved Organic Carbon - Duplicate	6.3		1.0	0.43	mg/L	1		SM 5310C	Dissolved

Client Sample ID: MW7S 092420

Lab Sample ID: 480-175610-5

No Detections.

This Detection Summary does not include radiochemical test results.

Eurofins TestAmerica, Buffalo

Detection Summary

Client: O'Brien & Gere Inc of North America
Project/Site: Forest Glen Monitoring

Job ID: 480-175610-1

Client Sample ID: TRIP BLANK

Lab Sample ID: 480-175610-6

No Detections.

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14
- 15
- 16

This Detection Summary does not include radiochemical test results.

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: O'Brien & Gere Inc of North America
 Project/Site: Forest Glen Monitoring

Job ID: 480-175610-1

Client Sample ID: MW5S 092420

Lab Sample ID: 480-175610-1

Date Collected: 09/24/20 08:30

Matrix: Water

Date Received: 09/24/20 17:40

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	9.7		1.0	0.82	ug/L			09/29/20 14:10	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			09/29/20 14:10	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			09/29/20 14:10	1
1,1,2-Trichlorotrifluoroethane	ND		1.0	0.31	ug/L			09/29/20 14:10	1
1,1-Dichloroethane	27		1.0	0.38	ug/L			09/29/20 14:10	1
1,1-Dichloroethene	2.8		1.0	0.29	ug/L			09/29/20 14:10	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			09/29/20 14:10	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			09/29/20 14:10	1
1,2-Dibromoethane (EDB)	ND		1.0	0.73	ug/L			09/29/20 14:10	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			09/29/20 14:10	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			09/29/20 14:10	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			09/29/20 14:10	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			09/29/20 14:10	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			09/29/20 14:10	1
2-Hexanone	ND		5.0	1.2	ug/L			09/29/20 14:10	1
2-Butanone (MEK)	ND		10	1.3	ug/L			09/29/20 14:10	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			09/29/20 14:10	1
Acetone	ND		10	3.0	ug/L			09/29/20 14:10	1
Benzene	ND		1.0	0.41	ug/L			09/29/20 14:10	1
Bromodichloromethane	ND		1.0	0.39	ug/L			09/29/20 14:10	1
Bromoform	ND		1.0	0.26	ug/L			09/29/20 14:10	1
Bromomethane	ND		1.0	0.69	ug/L			09/29/20 14:10	1
Carbon disulfide	ND		1.0	0.19	ug/L			09/29/20 14:10	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			09/29/20 14:10	1
Chlorobenzene	ND		1.0	0.75	ug/L			09/29/20 14:10	1
Chlorodibromomethane	ND		1.0	0.32	ug/L			09/29/20 14:10	1
Chloroethane	ND		1.0	0.32	ug/L			09/29/20 14:10	1
Chloroform	ND		1.0	0.34	ug/L			09/29/20 14:10	1
Chloromethane	ND		1.0	0.35	ug/L			09/29/20 14:10	1
cis-1,2-Dichloroethene	47		1.0	0.81	ug/L			09/29/20 14:10	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			09/29/20 14:10	1
Cyclohexane	ND		1.0	0.18	ug/L			09/29/20 14:10	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			09/29/20 14:10	1
Ethylbenzene	ND		1.0	0.74	ug/L			09/29/20 14:10	1
Isopropylbenzene	ND		1.0	0.79	ug/L			09/29/20 14:10	1
Methyl acetate	ND		1.3	1.3	ug/L			09/29/20 14:10	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			09/29/20 14:10	1
Methylcyclohexane	ND		1.0	0.16	ug/L			09/29/20 14:10	1
Methylene Chloride	ND		1.0	0.44	ug/L			09/29/20 14:10	1
Styrene	ND		1.0	0.73	ug/L			09/29/20 14:10	1
Tetrachloroethene	ND		1.0	0.36	ug/L			09/29/20 14:10	1
Toluene	ND		1.0	0.51	ug/L			09/29/20 14:10	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			09/29/20 14:10	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			09/29/20 14:10	1
Trichloroethene	21		1.0	0.46	ug/L			09/29/20 14:10	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			09/29/20 14:10	1
Vinyl chloride	1.4		1.0	0.90	ug/L			09/29/20 14:10	1
Xylenes, Total	ND		2.0	0.66	ug/L			09/29/20 14:10	1

Client Sample Results

Client: O'Brien & Gere Inc of North America
Project/Site: Forest Glen Monitoring

Job ID: 480-175610-1

Client Sample ID: MW5S 092420

Lab Sample ID: 480-175610-1

Date Collected: 09/24/20 08:30

Matrix: Water

Date Received: 09/24/20 17:40

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	102		77 - 120		09/29/20 14:10	1
Toluene-d8 (Surr)	102		80 - 120		09/29/20 14:10	1
4-Bromofluorobenzene (Surr)	107		73 - 120		09/29/20 14:10	1
Dibromofluoromethane (Surr)	107		75 - 123		09/29/20 14:10	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	14.5		1.0	0.56	mg/L			10/02/20 02:42	2
Sulfate	132		4.0	0.70	mg/L			10/02/20 02:42	2
Alkalinity, Bicarbonate	278		50.0	20.0	mg/L			09/29/20 04:16	5
Nitrate as N	0.13		0.050	0.020	mg/L			09/25/20 14:41	1
Nitrite as N	0.027	J F1	0.050	0.020	mg/L			09/25/20 14:41	1
Sulfide	0.80	J	1.0	0.67	mg/L			09/28/20 12:40	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dissolved Organic Carbon - Duplicate	18.8		1.0	0.43	mg/L			09/30/20 14:39	1

Client Sample ID: MW8S 092420

Lab Sample ID: 480-175610-2

Date Collected: 09/24/20 10:40

Matrix: Water

Date Received: 09/24/20 17:40

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			09/29/20 14:33	1
1,1,1,2-Tetrachloroethane	ND		1.0	0.21	ug/L			09/29/20 14:33	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			09/29/20 14:33	1
1,1,2-Trichlorotrifluoroethane	ND		1.0	0.31	ug/L			09/29/20 14:33	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			09/29/20 14:33	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			09/29/20 14:33	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			09/29/20 14:33	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			09/29/20 14:33	1
1,2-Dibromoethane (EDB)	ND		1.0	0.73	ug/L			09/29/20 14:33	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			09/29/20 14:33	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			09/29/20 14:33	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			09/29/20 14:33	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			09/29/20 14:33	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			09/29/20 14:33	1
2-Hexanone	ND		5.0	1.2	ug/L			09/29/20 14:33	1
2-Butanone (MEK)	ND		10	1.3	ug/L			09/29/20 14:33	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			09/29/20 14:33	1
Acetone	ND		10	3.0	ug/L			09/29/20 14:33	1
Benzene	ND		1.0	0.41	ug/L			09/29/20 14:33	1
Bromodichloromethane	ND		1.0	0.39	ug/L			09/29/20 14:33	1
Bromoform	ND		1.0	0.26	ug/L			09/29/20 14:33	1
Bromomethane	ND		1.0	0.69	ug/L			09/29/20 14:33	1
Carbon disulfide	ND		1.0	0.19	ug/L			09/29/20 14:33	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			09/29/20 14:33	1
Chlorobenzene	ND		1.0	0.75	ug/L			09/29/20 14:33	1
Chlorodibromomethane	ND		1.0	0.32	ug/L			09/29/20 14:33	1

Euofins TestAmerica, Buffalo

Client Sample Results

Client: O'Brien & Gere Inc of North America
Project/Site: Forest Glen Monitoring

Job ID: 480-175610-1

Client Sample ID: MW8S 092420

Lab Sample ID: 480-175610-2

Date Collected: 09/24/20 10:40

Matrix: Water

Date Received: 09/24/20 17:40

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloroethane	ND		1.0	0.32	ug/L			09/29/20 14:33	1
Chloroform	ND		1.0	0.34	ug/L			09/29/20 14:33	1
Chloromethane	ND		1.0	0.35	ug/L			09/29/20 14:33	1
cis-1,2-Dichloroethene	2.7		1.0	0.81	ug/L			09/29/20 14:33	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			09/29/20 14:33	1
Cyclohexane	ND		1.0	0.18	ug/L			09/29/20 14:33	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			09/29/20 14:33	1
Ethylbenzene	ND		1.0	0.74	ug/L			09/29/20 14:33	1
Isopropylbenzene	ND		1.0	0.79	ug/L			09/29/20 14:33	1
Methyl acetate	ND		1.3	1.3	ug/L			09/29/20 14:33	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			09/29/20 14:33	1
Methylcyclohexane	ND		1.0	0.16	ug/L			09/29/20 14:33	1
Methylene Chloride	ND		1.0	0.44	ug/L			09/29/20 14:33	1
Styrene	ND		1.0	0.73	ug/L			09/29/20 14:33	1
Tetrachloroethene	0.60	J	1.0	0.36	ug/L			09/29/20 14:33	1
Toluene	ND		1.0	0.51	ug/L			09/29/20 14:33	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			09/29/20 14:33	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			09/29/20 14:33	1
Trichloroethene	2.3		1.0	0.46	ug/L			09/29/20 14:33	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			09/29/20 14:33	1
Vinyl chloride	ND		1.0	0.90	ug/L			09/29/20 14:33	1
Xylenes, Total	ND		2.0	0.66	ug/L			09/29/20 14:33	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	103		77 - 120		09/29/20 14:33	1
Toluene-d8 (Surr)	107		80 - 120		09/29/20 14:33	1
4-Bromofluorobenzene (Surr)	112		73 - 120		09/29/20 14:33	1
Dibromofluoromethane (Surr)	110		75 - 123		09/29/20 14:33	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	22.1		1.0	0.56	mg/L			10/02/20 02:56	2
Sulfate	95.2		4.0	0.70	mg/L			10/02/20 02:56	2
Alkalinity, Bicarbonate	264		50.0	20.0	mg/L			09/29/20 04:17	5
Nitrate as N	0.11		0.050	0.020	mg/L			09/25/20 14:46	1
Nitrite as N	0.046	J	0.050	0.020	mg/L			09/25/20 14:46	1
Sulfide	ND		1.0	0.67	mg/L			09/28/20 12:40	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dissolved Organic Carbon - Duplicate	2.6		1.0	0.43	mg/L			09/30/20 14:55	1

Client Sample ID: MW7DD 092420

Lab Sample ID: 480-175610-3

Date Collected: 09/24/20 10:55

Matrix: Water

Date Received: 09/24/20 17:40

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			09/29/20 14:56	1
1,1,1,2-Tetrachloroethane	ND		1.0	0.21	ug/L			09/29/20 14:56	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: O'Brien & Gere Inc of North America
Project/Site: Forest Glen Monitoring

Job ID: 480-175610-1

Client Sample ID: MW7DD 092420

Lab Sample ID: 480-175610-3

Date Collected: 09/24/20 10:55

Matrix: Water

Date Received: 09/24/20 17:40

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			09/29/20 14:56	1
1,1,2-Trichlorotrifluoroethane	ND		1.0	0.31	ug/L			09/29/20 14:56	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			09/29/20 14:56	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			09/29/20 14:56	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			09/29/20 14:56	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			09/29/20 14:56	1
1,2-Dibromoethane (EDB)	ND		1.0	0.73	ug/L			09/29/20 14:56	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			09/29/20 14:56	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			09/29/20 14:56	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			09/29/20 14:56	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			09/29/20 14:56	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			09/29/20 14:56	1
2-Hexanone	ND		5.0	1.2	ug/L			09/29/20 14:56	1
2-Butanone (MEK)	ND		10	1.3	ug/L			09/29/20 14:56	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			09/29/20 14:56	1
Acetone	ND		10	3.0	ug/L			09/29/20 14:56	1
Benzene	ND		1.0	0.41	ug/L			09/29/20 14:56	1
Bromodichloromethane	ND		1.0	0.39	ug/L			09/29/20 14:56	1
Bromoform	ND		1.0	0.26	ug/L			09/29/20 14:56	1
Bromomethane	ND		1.0	0.69	ug/L			09/29/20 14:56	1
Carbon disulfide	ND		1.0	0.19	ug/L			09/29/20 14:56	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			09/29/20 14:56	1
Chlorobenzene	ND		1.0	0.75	ug/L			09/29/20 14:56	1
Chlorodibromomethane	ND		1.0	0.32	ug/L			09/29/20 14:56	1
Chloroethane	ND		1.0	0.32	ug/L			09/29/20 14:56	1
Chloroform	ND		1.0	0.34	ug/L			09/29/20 14:56	1
Chloromethane	ND		1.0	0.35	ug/L			09/29/20 14:56	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			09/29/20 14:56	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			09/29/20 14:56	1
Cyclohexane	ND		1.0	0.18	ug/L			09/29/20 14:56	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			09/29/20 14:56	1
Ethylbenzene	ND		1.0	0.74	ug/L			09/29/20 14:56	1
Isopropylbenzene	ND		1.0	0.79	ug/L			09/29/20 14:56	1
Methyl acetate	ND		1.3	1.3	ug/L			09/29/20 14:56	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			09/29/20 14:56	1
Methylcyclohexane	ND		1.0	0.16	ug/L			09/29/20 14:56	1
Methylene Chloride	ND		1.0	0.44	ug/L			09/29/20 14:56	1
Styrene	ND		1.0	0.73	ug/L			09/29/20 14:56	1
Tetrachloroethene	ND		1.0	0.36	ug/L			09/29/20 14:56	1
Toluene	ND		1.0	0.51	ug/L			09/29/20 14:56	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			09/29/20 14:56	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			09/29/20 14:56	1
Trichloroethene	ND		1.0	0.46	ug/L			09/29/20 14:56	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			09/29/20 14:56	1
Vinyl chloride	ND		1.0	0.90	ug/L			09/29/20 14:56	1
Xylenes, Total	ND		2.0	0.66	ug/L			09/29/20 14:56	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	106		77 - 120		09/29/20 14:56	1
Toluene-d8 (Surr)	104		80 - 120		09/29/20 14:56	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: O'Brien & Gere Inc of North America
Project/Site: Forest Glen Monitoring

Job ID: 480-175610-1

Client Sample ID: MW7DD 092420

Lab Sample ID: 480-175610-3

Date Collected: 09/24/20 10:55

Matrix: Water

Date Received: 09/24/20 17:40

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

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	106		73 - 120		09/29/20 14:56	1
Dibromofluoromethane (Surr)	108		75 - 123		09/29/20 14:56	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	54.7		2.5	1.4	mg/L			10/02/20 03:11	5
Sulfate	397		10.0	1.7	mg/L			10/02/20 03:11	5
Alkalinity, Bicarbonate	284		50.0	20.0	mg/L			09/29/20 04:17	5
Nitrate as N	ND		0.050	0.020	mg/L			09/25/20 14:47	1
Nitrite as N	0.021	J	0.050	0.020	mg/L			09/25/20 14:47	1
Sulfide	ND		1.0	0.67	mg/L			09/28/20 12:40	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dissolved Organic Carbon - Duplicate	4.9		1.0	0.43	mg/L			09/30/20 15:11	1

Client Sample ID: MW7D 092420

Lab Sample ID: 480-175610-4

Date Collected: 09/24/20 12:05

Matrix: Water

Date Received: 09/24/20 17:40

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			09/29/20 15:19	1
1,1,1,2-Tetrachloroethane	ND		1.0	0.21	ug/L			09/29/20 15:19	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			09/29/20 15:19	1
1,1,2-Trichlorotrifluoroethane	ND		1.0	0.31	ug/L			09/29/20 15:19	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			09/29/20 15:19	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			09/29/20 15:19	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			09/29/20 15:19	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			09/29/20 15:19	1
1,2-Dibromoethane (EDB)	ND		1.0	0.73	ug/L			09/29/20 15:19	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			09/29/20 15:19	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			09/29/20 15:19	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			09/29/20 15:19	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			09/29/20 15:19	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			09/29/20 15:19	1
2-Hexanone	ND		5.0	1.2	ug/L			09/29/20 15:19	1
2-Butanone (MEK)	ND		10	1.3	ug/L			09/29/20 15:19	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			09/29/20 15:19	1
Acetone	ND		10	3.0	ug/L			09/29/20 15:19	1
Benzene	ND		1.0	0.41	ug/L			09/29/20 15:19	1
Bromodichloromethane	ND		1.0	0.39	ug/L			09/29/20 15:19	1
Bromoform	ND		1.0	0.26	ug/L			09/29/20 15:19	1
Bromomethane	ND		1.0	0.69	ug/L			09/29/20 15:19	1
Carbon disulfide	ND		1.0	0.19	ug/L			09/29/20 15:19	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			09/29/20 15:19	1
Chlorobenzene	ND		1.0	0.75	ug/L			09/29/20 15:19	1
Chlorodibromomethane	ND		1.0	0.32	ug/L			09/29/20 15:19	1
Chloroethane	ND		1.0	0.32	ug/L			09/29/20 15:19	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: O'Brien & Gere Inc of North America
Project/Site: Forest Glen Monitoring

Job ID: 480-175610-1

Client Sample ID: MW7D 092420

Lab Sample ID: 480-175610-4

Date Collected: 09/24/20 12:05

Matrix: Water

Date Received: 09/24/20 17:40

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloroform	ND		1.0	0.34	ug/L			09/29/20 15:19	1
Chloromethane	ND		1.0	0.35	ug/L			09/29/20 15:19	1
cis-1,2-Dichloroethene	1.1		1.0	0.81	ug/L			09/29/20 15:19	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			09/29/20 15:19	1
Cyclohexane	ND		1.0	0.18	ug/L			09/29/20 15:19	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			09/29/20 15:19	1
Ethylbenzene	ND		1.0	0.74	ug/L			09/29/20 15:19	1
Isopropylbenzene	ND		1.0	0.79	ug/L			09/29/20 15:19	1
Methyl acetate	ND		1.3	1.3	ug/L			09/29/20 15:19	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			09/29/20 15:19	1
Methylcyclohexane	ND		1.0	0.16	ug/L			09/29/20 15:19	1
Methylene Chloride	ND		1.0	0.44	ug/L			09/29/20 15:19	1
Styrene	ND		1.0	0.73	ug/L			09/29/20 15:19	1
Tetrachloroethene	ND		1.0	0.36	ug/L			09/29/20 15:19	1
Toluene	ND		1.0	0.51	ug/L			09/29/20 15:19	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			09/29/20 15:19	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			09/29/20 15:19	1
Trichloroethene	0.78 J		1.0	0.46	ug/L			09/29/20 15:19	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			09/29/20 15:19	1
Vinyl chloride	ND		1.0	0.90	ug/L			09/29/20 15:19	1
Xylenes, Total	ND		2.0	0.66	ug/L			09/29/20 15:19	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	106		77 - 120		09/29/20 15:19	1
Toluene-d8 (Surr)	105		80 - 120		09/29/20 15:19	1
4-Bromofluorobenzene (Surr)	109		73 - 120		09/29/20 15:19	1
Dibromofluoromethane (Surr)	110		75 - 123		09/29/20 15:19	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	80.8		2.5	1.4	mg/L			10/02/20 03:25	5
Sulfate	105		10.0	1.7	mg/L			10/02/20 03:25	5
Alkalinity, Bicarbonate	349		50.0	20.0	mg/L			09/29/20 04:17	5
Nitrate as N	0.090		0.050	0.020	mg/L			09/25/20 14:49	1
Nitrite as N	0.020 J		0.050	0.020	mg/L			09/25/20 14:49	1
Sulfide	ND		1.0	0.67	mg/L			09/28/20 12:40	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dissolved Organic Carbon - Duplicate	6.3		1.0	0.43	mg/L			09/30/20 15:26	1

Client Sample ID: MW7S 092420

Lab Sample ID: 480-175610-5

Date Collected: 09/24/20 14:00

Matrix: Water

Date Received: 09/24/20 17:40

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		4.0	3.3	ug/L			09/29/20 15:42	4
1,1,1,2-Tetrachloroethane	ND		4.0	0.84	ug/L			09/29/20 15:42	4
1,1,2-Trichloroethane	ND		4.0	0.92	ug/L			09/29/20 15:42	4

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: O'Brien & Gere Inc of North America
 Project/Site: Forest Glen Monitoring

Job ID: 480-175610-1

Client Sample ID: MW7S 092420

Lab Sample ID: 480-175610-5

Date Collected: 09/24/20 14:00

Matrix: Water

Date Received: 09/24/20 17:40

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2-Trichlorotrifluoroethane	ND		4.0	1.2	ug/L			09/29/20 15:42	4
1,1-Dichloroethane	ND		4.0	1.5	ug/L			09/29/20 15:42	4
1,1-Dichloroethene	ND		4.0	1.2	ug/L			09/29/20 15:42	4
1,2,4-Trichlorobenzene	ND		4.0	1.6	ug/L			09/29/20 15:42	4
1,2-Dibromo-3-Chloropropane	ND		4.0	1.6	ug/L			09/29/20 15:42	4
1,2-Dibromoethane (EDB)	ND		4.0	2.9	ug/L			09/29/20 15:42	4
1,2-Dichlorobenzene	ND		4.0	3.2	ug/L			09/29/20 15:42	4
1,2-Dichloroethane	ND		4.0	0.84	ug/L			09/29/20 15:42	4
1,2-Dichloropropane	ND		4.0	2.9	ug/L			09/29/20 15:42	4
1,3-Dichlorobenzene	ND		4.0	3.1	ug/L			09/29/20 15:42	4
1,4-Dichlorobenzene	ND		4.0	3.4	ug/L			09/29/20 15:42	4
2-Hexanone	ND		20	5.0	ug/L			09/29/20 15:42	4
2-Butanone (MEK)	ND		40	5.3	ug/L			09/29/20 15:42	4
4-Methyl-2-pentanone (MIBK)	ND		20	8.4	ug/L			09/29/20 15:42	4
Acetone	ND		40	12	ug/L			09/29/20 15:42	4
Benzene	ND		4.0	1.6	ug/L			09/29/20 15:42	4
Bromodichloromethane	ND		4.0	1.6	ug/L			09/29/20 15:42	4
Bromoform	ND		4.0	1.0	ug/L			09/29/20 15:42	4
Bromomethane	ND		4.0	2.8	ug/L			09/29/20 15:42	4
Carbon disulfide	ND		4.0	0.76	ug/L			09/29/20 15:42	4
Carbon tetrachloride	ND		4.0	1.1	ug/L			09/29/20 15:42	4
Chlorobenzene	ND		4.0	3.0	ug/L			09/29/20 15:42	4
Chlorodibromomethane	ND		4.0	1.3	ug/L			09/29/20 15:42	4
Chloroethane	ND		4.0	1.3	ug/L			09/29/20 15:42	4
Chloroform	ND		4.0	1.4	ug/L			09/29/20 15:42	4
Chloromethane	ND		4.0	1.4	ug/L			09/29/20 15:42	4
cis-1,2-Dichloroethene	ND		4.0	3.2	ug/L			09/29/20 15:42	4
cis-1,3-Dichloropropene	ND		4.0	1.4	ug/L			09/29/20 15:42	4
Cyclohexane	ND		4.0	0.72	ug/L			09/29/20 15:42	4
Dichlorodifluoromethane	ND		4.0	2.7	ug/L			09/29/20 15:42	4
Ethylbenzene	ND		4.0	3.0	ug/L			09/29/20 15:42	4
Isopropylbenzene	ND		4.0	3.2	ug/L			09/29/20 15:42	4
Methyl acetate	ND		5.2	5.2	ug/L			09/29/20 15:42	4
Methyl tert-butyl ether	ND		4.0	0.64	ug/L			09/29/20 15:42	4
Methylcyclohexane	ND		4.0	0.64	ug/L			09/29/20 15:42	4
Methylene Chloride	ND		4.0	1.8	ug/L			09/29/20 15:42	4
Styrene	ND		4.0	2.9	ug/L			09/29/20 15:42	4
Tetrachloroethene	ND		4.0	1.4	ug/L			09/29/20 15:42	4
Toluene	ND		4.0	2.0	ug/L			09/29/20 15:42	4
trans-1,2-Dichloroethene	ND		4.0	3.6	ug/L			09/29/20 15:42	4
trans-1,3-Dichloropropene	ND		4.0	1.5	ug/L			09/29/20 15:42	4
Trichloroethene	ND		4.0	1.8	ug/L			09/29/20 15:42	4
Trichlorofluoromethane	ND		4.0	3.5	ug/L			09/29/20 15:42	4
Vinyl chloride	ND		4.0	3.6	ug/L			09/29/20 15:42	4
Xylenes, Total	ND		8.0	2.6	ug/L			09/29/20 15:42	4

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	101		77 - 120		09/29/20 15:42	4
Toluene-d8 (Surr)	105		80 - 120		09/29/20 15:42	4
4-Bromofluorobenzene (Surr)	106		73 - 120		09/29/20 15:42	4

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: O'Brien & Gere Inc of North America
 Project/Site: Forest Glen Monitoring

Job ID: 480-175610-1

Client Sample ID: MW7S 092420

Lab Sample ID: 480-175610-5

Date Collected: 09/24/20 14:00

Matrix: Water

Date Received: 09/24/20 17:40

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

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Dibromofluoromethane (Surr)	108		75 - 123		09/29/20 15:42	4

Client Sample ID: TRIP BLANK

Lab Sample ID: 480-175610-6

Date Collected: 09/24/20 00:00

Matrix: Water

Date Received: 09/24/20 17:40

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			09/29/20 16:05	1
1,1,1,2-Tetrachloroethane	ND		1.0	0.21	ug/L			09/29/20 16:05	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			09/29/20 16:05	1
1,1,2-Trichlorotrifluoroethane	ND		1.0	0.31	ug/L			09/29/20 16:05	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			09/29/20 16:05	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			09/29/20 16:05	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			09/29/20 16:05	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			09/29/20 16:05	1
1,2-Dibromoethane (EDB)	ND		1.0	0.73	ug/L			09/29/20 16:05	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			09/29/20 16:05	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			09/29/20 16:05	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			09/29/20 16:05	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			09/29/20 16:05	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			09/29/20 16:05	1
2-Hexanone	ND		5.0	1.2	ug/L			09/29/20 16:05	1
2-Butanone (MEK)	ND		10	1.3	ug/L			09/29/20 16:05	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			09/29/20 16:05	1
Acetone	ND		10	3.0	ug/L			09/29/20 16:05	1
Benzene	ND		1.0	0.41	ug/L			09/29/20 16:05	1
Bromodichloromethane	ND		1.0	0.39	ug/L			09/29/20 16:05	1
Bromoform	ND		1.0	0.26	ug/L			09/29/20 16:05	1
Bromomethane	ND		1.0	0.69	ug/L			09/29/20 16:05	1
Carbon disulfide	ND		1.0	0.19	ug/L			09/29/20 16:05	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			09/29/20 16:05	1
Chlorobenzene	ND		1.0	0.75	ug/L			09/29/20 16:05	1
Chlorodibromomethane	ND		1.0	0.32	ug/L			09/29/20 16:05	1
Chloroethane	ND		1.0	0.32	ug/L			09/29/20 16:05	1
Chloroform	ND		1.0	0.34	ug/L			09/29/20 16:05	1
Chloromethane	ND		1.0	0.35	ug/L			09/29/20 16:05	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			09/29/20 16:05	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			09/29/20 16:05	1
Cyclohexane	ND		1.0	0.18	ug/L			09/29/20 16:05	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			09/29/20 16:05	1
Ethylbenzene	ND		1.0	0.74	ug/L			09/29/20 16:05	1
Isopropylbenzene	ND		1.0	0.79	ug/L			09/29/20 16:05	1
Methyl acetate	ND		1.3	1.3	ug/L			09/29/20 16:05	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			09/29/20 16:05	1
Methylcyclohexane	ND		1.0	0.16	ug/L			09/29/20 16:05	1
Methylene Chloride	ND		1.0	0.44	ug/L			09/29/20 16:05	1
Styrene	ND		1.0	0.73	ug/L			09/29/20 16:05	1
Tetrachloroethene	ND		1.0	0.36	ug/L			09/29/20 16:05	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: O'Brien & Gere Inc of North America
 Project/Site: Forest Glen Monitoring

Job ID: 480-175610-1

Client Sample ID: TRIP BLANK

Lab Sample ID: 480-175610-6

Date Collected: 09/24/20 00:00

Matrix: Water

Date Received: 09/24/20 17:40

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Toluene	ND		1.0	0.51	ug/L			09/29/20 16:05	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			09/29/20 16:05	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			09/29/20 16:05	1
Trichloroethene	ND		1.0	0.46	ug/L			09/29/20 16:05	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			09/29/20 16:05	1
Vinyl chloride	ND		1.0	0.90	ug/L			09/29/20 16:05	1
Xylenes, Total	ND		2.0	0.66	ug/L			09/29/20 16:05	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	102		77 - 120		09/29/20 16:05	1
Toluene-d8 (Surr)	105		80 - 120		09/29/20 16:05	1
4-Bromofluorobenzene (Surr)	105		73 - 120		09/29/20 16:05	1
Dibromofluoromethane (Surr)	107		75 - 123		09/29/20 16:05	1

Surrogate Summary

Client: O'Brien & Gere Inc of North America
Project/Site: Forest Glen Monitoring

Job ID: 480-175610-1

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

Matrix: Water

Prep Type: Total/NA

Percent Surrogate Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	DCA	TOL	BFB	DBFM
		(77-120)	(80-120)	(73-120)	(75-123)
480-175610-1	MW5S 092420	102	102	107	107
480-175610-2	MW8S 092420	103	107	112	110
480-175610-3	MW7DD 092420	106	104	106	108
480-175610-4	MW7D 092420	106	105	109	110
480-175610-5	MW7S 092420	101	105	106	108
480-175610-6	TRIP BLANK	102	105	105	107
LCS 480-551579/5	Lab Control Sample	97	107	107	103
MB 480-551579/7	Method Blank	99	105	104	104

Surrogate Legend

DCA = 1,2-Dichloroethane-d4 (Surr)

TOL = Toluene-d8 (Surr)

BFB = 4-Bromofluorobenzene (Surr)

DBFM = Dibromofluoromethane (Surr)

QC Sample Results

Client: O'Brien & Gere Inc of North America
 Project/Site: Forest Glen Monitoring

Job ID: 480-175610-1

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

Lab Sample ID: MB 480-551579/7

Matrix: Water

Analysis Batch: 551579

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			09/29/20 10:13	1
1,1,1,2-Tetrachloroethane	ND		1.0	0.21	ug/L			09/29/20 10:13	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			09/29/20 10:13	1
1,1,2-Trichlorotrifluoroethane	ND		1.0	0.31	ug/L			09/29/20 10:13	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			09/29/20 10:13	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			09/29/20 10:13	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			09/29/20 10:13	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			09/29/20 10:13	1
1,2-Dibromoethane (EDB)	ND		1.0	0.73	ug/L			09/29/20 10:13	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			09/29/20 10:13	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			09/29/20 10:13	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			09/29/20 10:13	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			09/29/20 10:13	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			09/29/20 10:13	1
2-Hexanone	ND		5.0	1.2	ug/L			09/29/20 10:13	1
2-Butanone (MEK)	ND		10	1.3	ug/L			09/29/20 10:13	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			09/29/20 10:13	1
Acetone	ND		10	3.0	ug/L			09/29/20 10:13	1
Benzene	ND		1.0	0.41	ug/L			09/29/20 10:13	1
Bromodichloromethane	ND		1.0	0.39	ug/L			09/29/20 10:13	1
Bromoform	ND		1.0	0.26	ug/L			09/29/20 10:13	1
Bromomethane	ND		1.0	0.69	ug/L			09/29/20 10:13	1
Carbon disulfide	ND		1.0	0.19	ug/L			09/29/20 10:13	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			09/29/20 10:13	1
Chlorobenzene	ND		1.0	0.75	ug/L			09/29/20 10:13	1
Chlorodibromomethane	ND		1.0	0.32	ug/L			09/29/20 10:13	1
Chloroethane	ND		1.0	0.32	ug/L			09/29/20 10:13	1
Chloroform	ND		1.0	0.34	ug/L			09/29/20 10:13	1
Chloromethane	ND		1.0	0.35	ug/L			09/29/20 10:13	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			09/29/20 10:13	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			09/29/20 10:13	1
Cyclohexane	ND		1.0	0.18	ug/L			09/29/20 10:13	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			09/29/20 10:13	1
Ethylbenzene	ND		1.0	0.74	ug/L			09/29/20 10:13	1
Isopropylbenzene	ND		1.0	0.79	ug/L			09/29/20 10:13	1
Methyl acetate	ND		1.3	1.3	ug/L			09/29/20 10:13	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			09/29/20 10:13	1
Methylcyclohexane	ND		1.0	0.16	ug/L			09/29/20 10:13	1
Methylene Chloride	ND		1.0	0.44	ug/L			09/29/20 10:13	1
Styrene	ND		1.0	0.73	ug/L			09/29/20 10:13	1
Tetrachloroethene	ND		1.0	0.36	ug/L			09/29/20 10:13	1
Toluene	ND		1.0	0.51	ug/L			09/29/20 10:13	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			09/29/20 10:13	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			09/29/20 10:13	1
Trichloroethene	ND		1.0	0.46	ug/L			09/29/20 10:13	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			09/29/20 10:13	1
Vinyl chloride	ND		1.0	0.90	ug/L			09/29/20 10:13	1
Xylenes, Total	ND		2.0	0.66	ug/L			09/29/20 10:13	1

Eurofins TestAmerica, Buffalo

QC Sample Results

Client: O'Brien & Gere Inc of North America
 Project/Site: Forest Glen Monitoring

Job ID: 480-175610-1

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

Lab Sample ID: MB 480-551579/7
Matrix: Water
Analysis Batch: 551579

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

<i>Surrogate</i>	<i>MB</i>	<i>MB</i>	<i>Limits</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Dil Fac</i>
	%Recovery	Qualifier				
1,2-Dichloroethane-d4 (Surr)	99		77 - 120		09/29/20 10:13	1
Toluene-d8 (Surr)	105		80 - 120		09/29/20 10:13	1
4-Bromofluorobenzene (Surr)	104		73 - 120		09/29/20 10:13	1
Dibromofluoromethane (Surr)	104		75 - 123		09/29/20 10:13	1

Lab Sample ID: LCS 480-551579/5
Matrix: Water
Analysis Batch: 551579

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

<i>Analyte</i>	<i>Spike</i>	<i>LCS</i>	<i>LCS</i>	<i>Unit</i>	<i>D</i>	<i>%Rec</i>	<i>%Rec.</i>
	Added	Result	Qualifier				Limits
1,1,1-Trichloroethane	25.0	23.3		ug/L		93	73 - 126
1,1,1,2-Tetrachloroethane	25.0	22.8		ug/L		91	76 - 120
1,1,2-Trichloroethane	25.0	23.6		ug/L		94	76 - 122
1,1,2-Trichlorotrifluoroethane	25.0	25.6		ug/L		102	61 - 148
1,1-Dichloroethane	25.0	23.0		ug/L		92	77 - 120
1,1-Dichloroethene	25.0	24.5		ug/L		98	66 - 127
1,2,4-Trichlorobenzene	25.0	24.8		ug/L		99	79 - 122
1,2-Dibromo-3-Chloropropane	25.0	19.8		ug/L		79	56 - 134
1,2-Dibromoethane (EDB)	25.0	24.0		ug/L		96	77 - 120
1,2-Dichlorobenzene	25.0	24.7		ug/L		99	80 - 124
1,2-Dichloroethane	25.0	22.1		ug/L		88	75 - 120
1,2-Dichloropropane	25.0	23.5		ug/L		94	76 - 120
1,3-Dichlorobenzene	25.0	24.6		ug/L		98	77 - 120
1,4-Dichlorobenzene	25.0	23.9		ug/L		96	80 - 120
2-Hexanone	125	112		ug/L		89	65 - 127
2-Butanone (MEK)	125	105		ug/L		84	57 - 140
4-Methyl-2-pentanone (MIBK)	125	109		ug/L		87	71 - 125
Acetone	125	99.8		ug/L		80	56 - 142
Benzene	25.0	23.6		ug/L		94	71 - 124
Bromodichloromethane	25.0	23.5		ug/L		94	80 - 122
Bromoform	25.0	25.7		ug/L		103	61 - 132
Bromomethane	25.0	23.3		ug/L		93	55 - 144
Carbon disulfide	25.0	23.5		ug/L		94	59 - 134
Carbon tetrachloride	25.0	23.9		ug/L		96	72 - 134
Chlorobenzene	25.0	25.0		ug/L		100	80 - 120
Chlorodibromomethane	25.0	25.4		ug/L		102	75 - 125
Chloroethane	25.0	20.5		ug/L		82	69 - 136
Chloroform	25.0	22.9		ug/L		92	73 - 127
Chloromethane	25.0	23.0		ug/L		92	68 - 124
cis-1,2-Dichloroethene	25.0	23.9		ug/L		96	74 - 124
cis-1,3-Dichloropropene	25.0	24.3		ug/L		97	74 - 124
Cyclohexane	25.0	24.1		ug/L		96	59 - 135
Dichlorodifluoromethane	25.0	25.0		ug/L		100	59 - 135
Ethylbenzene	25.0	24.0		ug/L		96	77 - 123
Isopropylbenzene	25.0	23.4		ug/L		94	77 - 122
Methyl acetate	50.0	43.6		ug/L		87	74 - 133
Methyl tert-butyl ether	25.0	24.6		ug/L		98	77 - 120
Methylcyclohexane	25.0	25.0		ug/L		100	68 - 134

Eurofins TestAmerica, Buffalo

QC Sample Results

Client: O'Brien & Gere Inc of North America
 Project/Site: Forest Glen Monitoring

Job ID: 480-175610-1

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

Lab Sample ID: LCS 480-551579/5
Matrix: Water
Analysis Batch: 551579

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Methylene Chloride	25.0	25.8		ug/L		103	75 - 124
Styrene	25.0	25.5		ug/L		102	80 - 120
Tetrachloroethene	25.0	25.4		ug/L		102	74 - 122
Toluene	25.0	24.2		ug/L		97	80 - 122
trans-1,2-Dichloroethene	25.0	24.0		ug/L		96	73 - 127
trans-1,3-Dichloropropene	25.0	24.5		ug/L		98	80 - 120
Trichloroethene	25.0	23.6		ug/L		94	74 - 123
Trichlorofluoromethane	25.0	27.2		ug/L		109	62 - 150
Vinyl chloride	25.0	24.8		ug/L		99	65 - 133

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	97		77 - 120
Toluene-d8 (Surr)	107		80 - 120
4-Bromofluorobenzene (Surr)	107		73 - 120
Dibromofluoromethane (Surr)	103		75 - 123

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 480-552134/31
Matrix: Water
Analysis Batch: 552134

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		0.50	0.28	mg/L			10/01/20 23:17	1
Sulfate	ND		2.0	0.35	mg/L			10/01/20 23:17	1

Lab Sample ID: LCS 480-552134/30
Matrix: Water
Analysis Batch: 552134

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	50.0	52.17		mg/L		104	90 - 110
Sulfate	50.0	50.28		mg/L		101	90 - 110

Method: 310.2_ASP - Alkalinity - Colorimetric

Lab Sample ID: MB 480-551569/105
Matrix: Water
Analysis Batch: 551569

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			09/29/20 04:11	1

Lab Sample ID: MB 480-551569/56
Matrix: Water
Analysis Batch: 551569

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Alkalinity, Bicarbonate	4.75	J	10.0	4.0	mg/L			09/28/20 14:50	1

Eurofins TestAmerica, Buffalo

QC Sample Results

Client: O'Brien & Gere Inc of North America
 Project/Site: Forest Glen Monitoring

Job ID: 480-175610-1

Method: 310.2_ASP - Alkalinity - Colorimetric (Continued)

Lab Sample ID: MB 480-551569/66
Matrix: Water
Analysis Batch: 551569

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			09/28/20 15:18	1

Lab Sample ID: MB 480-551569/87
Matrix: Water
Analysis Batch: 551569

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			09/28/20 20:08	1

Lab Sample ID: LCS 480-551569/103
Matrix: Water
Analysis Batch: 551569

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	52.50		mg/L		105	90 - 110

Lab Sample ID: LCS 480-551569/54
Matrix: Water
Analysis Batch: 551569

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	52.64		mg/L		105	90 - 110

Lab Sample ID: LCS 480-551569/64
Matrix: Water
Analysis Batch: 551569

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Alkalinity, Bicarbonate	50.0	54.39		mg/L		109	90 - 110

Lab Sample ID: LCS 480-551569/85
Matrix: Water
Analysis Batch: 551569

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Alkalinity, Bicarbonate	50.0	53.77		mg/L		108	90 - 110

Method: 353.2 - Nitrogen, Nitrite

Lab Sample ID: MB 480-551302/3
Matrix: Water
Analysis Batch: 551302

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrite as N	ND		0.050	0.020	mg/L			09/25/20 14:39	1

QC Sample Results

Client: O'Brien & Gere Inc of North America
 Project/Site: Forest Glen Monitoring

Job ID: 480-175610-1

Method: 353.2 - Nitrogen, Nitrite (Continued)

Lab Sample ID: LCS 480-551302/4
Matrix: Water
Analysis Batch: 551302

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: 480-175610-1 MS
Matrix: Water
Analysis Batch: 551302

Client Sample ID: MW5S 092420
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Nitrite as N	0.027	J F1	1.00	0.921	F1	mg/L		89	90 - 110

Lab Sample ID: 480-175610-1 DU
Matrix: Water
Analysis Batch: 551302

Client Sample ID: MW5S 092420
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Nitrite as N	0.027	J F1	0.0243	J	mg/L		11	20

Method: SM 4500 S2 F - Sulfide, Total

Lab Sample ID: MB 480-551543/27
Matrix: Water
Analysis Batch: 551543

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfide	ND		1.0	0.67	mg/L			09/28/20 12:40	1

Lab Sample ID: MB 480-551543/3
Matrix: Water
Analysis Batch: 551543

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfide	ND		1.0	0.67	mg/L			09/28/20 12:40	1

Lab Sample ID: LCS 480-551543/28
Matrix: Water
Analysis Batch: 551543

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Sulfide	9.60	9.60		mg/L		100	90 - 110

Lab Sample ID: LCS 480-551543/4
Matrix: Water
Analysis Batch: 551543

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Sulfide	9.60	9.60		mg/L		100	90 - 110

QC Sample Results

Client: O'Brien & Gere Inc of North America
 Project/Site: Forest Glen Monitoring

Job ID: 480-175610-1

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

Lab Sample ID: 480-175610-2 DU
 Matrix: Water
 Analysis Batch: 551543

Client Sample ID: MW8S 092420
 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 480-551956/3
 Matrix: Water
 Analysis Batch: 551956

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			09/30/20 10:01	1

Lab Sample ID: LCS 480-551956/4
 Matrix: Water
 Analysis Batch: 551956

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	62.82		mg/L		105	90 - 110

QC Association Summary

Client: O'Brien & Gere Inc of North America
Project/Site: Forest Glen Monitoring

Job ID: 480-175610-1

GC/MS VOA

Analysis Batch: 551579

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-175610-1	MW5S 092420	Total/NA	Water	8260C	
480-175610-2	MW8S 092420	Total/NA	Water	8260C	
480-175610-3	MW7DD 092420	Total/NA	Water	8260C	
480-175610-4	MW7D 092420	Total/NA	Water	8260C	
480-175610-5	MW7S 092420	Total/NA	Water	8260C	
480-175610-6	TRIP BLANK	Total/NA	Water	8260C	
MB 480-551579/7	Method Blank	Total/NA	Water	8260C	
LCS 480-551579/5	Lab Control Sample	Total/NA	Water	8260C	

General Chemistry

Analysis Batch: 551302

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-175610-1	MW5S 092420	Total/NA	Water	353.2	
480-175610-2	MW8S 092420	Total/NA	Water	353.2	
480-175610-3	MW7DD 092420	Total/NA	Water	353.2	
480-175610-4	MW7D 092420	Total/NA	Water	353.2	
MB 480-551302/3	Method Blank	Total/NA	Water	353.2	
LCS 480-551302/4	Lab Control Sample	Total/NA	Water	353.2	
480-175610-1 MS	MW5S 092420	Total/NA	Water	353.2	
480-175610-1 DU	MW5S 092420	Total/NA	Water	353.2	

Analysis Batch: 551308

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-175610-1	MW5S 092420	Total/NA	Water	353.2	
480-175610-2	MW8S 092420	Total/NA	Water	353.2	
480-175610-3	MW7DD 092420	Total/NA	Water	353.2	
480-175610-4	MW7D 092420	Total/NA	Water	353.2	

Analysis Batch: 551543

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-175610-1	MW5S 092420	Total/NA	Water	SM 4500 S2 F	
480-175610-2	MW8S 092420	Total/NA	Water	SM 4500 S2 F	
480-175610-3	MW7DD 092420	Total/NA	Water	SM 4500 S2 F	
480-175610-4	MW7D 092420	Total/NA	Water	SM 4500 S2 F	
MB 480-551543/27	Method Blank	Total/NA	Water	SM 4500 S2 F	
MB 480-551543/3	Method Blank	Total/NA	Water	SM 4500 S2 F	
LCS 480-551543/28	Lab Control Sample	Total/NA	Water	SM 4500 S2 F	
LCS 480-551543/4	Lab Control Sample	Total/NA	Water	SM 4500 S2 F	
480-175610-2 DU	MW8S 092420	Total/NA	Water	SM 4500 S2 F	

Analysis Batch: 551569

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-175610-1	MW5S 092420	Total/NA	Water	310.2_ASP	
480-175610-2	MW8S 092420	Total/NA	Water	310.2_ASP	
480-175610-3	MW7DD 092420	Total/NA	Water	310.2_ASP	
480-175610-4	MW7D 092420	Total/NA	Water	310.2_ASP	
MB 480-551569/105	Method Blank	Total/NA	Water	310.2_ASP	
MB 480-551569/56	Method Blank	Total/NA	Water	310.2_ASP	
MB 480-551569/66	Method Blank	Total/NA	Water	310.2_ASP	
MB 480-551569/87	Method Blank	Total/NA	Water	310.2_ASP	

Eurofins TestAmerica, Buffalo

QC Association Summary

Client: O'Brien & Gere Inc of North America
Project/Site: Forest Glen Monitoring

Job ID: 480-175610-1

General Chemistry (Continued)

Analysis Batch: 551569 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 480-551569/103	Lab Control Sample	Total/NA	Water	310.2_ASP	
LCS 480-551569/54	Lab Control Sample	Total/NA	Water	310.2_ASP	
LCS 480-551569/64	Lab Control Sample	Total/NA	Water	310.2_ASP	
LCS 480-551569/85	Lab Control Sample	Total/NA	Water	310.2_ASP	

Analysis Batch: 551956

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-175610-1	MW5S 092420	Dissolved	Water	SM 5310C	
480-175610-2	MW8S 092420	Dissolved	Water	SM 5310C	
480-175610-3	MW7DD 092420	Dissolved	Water	SM 5310C	
480-175610-4	MW7D 092420	Dissolved	Water	SM 5310C	
MB 480-551956/3	Method Blank	Dissolved	Water	SM 5310C	
LCS 480-551956/4	Lab Control Sample	Dissolved	Water	SM 5310C	

Analysis Batch: 552134

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-175610-1	MW5S 092420	Total/NA	Water	300.0	
480-175610-2	MW8S 092420	Total/NA	Water	300.0	
480-175610-3	MW7DD 092420	Total/NA	Water	300.0	
480-175610-4	MW7D 092420	Total/NA	Water	300.0	
MB 480-552134/31	Method Blank	Total/NA	Water	300.0	
LCS 480-552134/30	Lab Control Sample	Total/NA	Water	300.0	

Lab Chronicle

Client: O'Brien & Gere Inc of North America
Project/Site: Forest Glen Monitoring

Job ID: 480-175610-1

Client Sample ID: MW5S 092420

Lab Sample ID: 480-175610-1

Date Collected: 09/24/20 08:30

Matrix: Water

Date Received: 09/24/20 17:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	551579	09/29/20 14:10	CRL	TAL BUF
Total/NA	Analysis	300.0		2	552134	10/02/20 02:42	RJS	TAL BUF
Total/NA	Analysis	310.2_ASP		5	551569	09/29/20 04:16	SRW	TAL BUF
Total/NA	Analysis	353.2		1	551302	09/25/20 14:41	ALT	TAL BUF
Total/NA	Analysis	353.2		1	551308	09/25/20 14:41	ALT	TAL BUF
Total/NA	Analysis	SM 4500 S2 F		1	551543	09/28/20 12:40	MJB	TAL BUF
Dissolved	Analysis	SM 5310C		1	551956	09/30/20 14:39	CLA	TAL BUF

Client Sample ID: MW8S 092420

Lab Sample ID: 480-175610-2

Date Collected: 09/24/20 10:40

Matrix: Water

Date Received: 09/24/20 17:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	551579	09/29/20 14:33	CRL	TAL BUF
Total/NA	Analysis	300.0		2	552134	10/02/20 02:56	RJS	TAL BUF
Total/NA	Analysis	310.2_ASP		5	551569	09/29/20 04:17	SRW	TAL BUF
Total/NA	Analysis	353.2		1	551302	09/25/20 14:46	ALT	TAL BUF
Total/NA	Analysis	353.2		1	551308	09/25/20 14:46	ALT	TAL BUF
Total/NA	Analysis	SM 4500 S2 F		1	551543	09/28/20 12:40	MJB	TAL BUF
Dissolved	Analysis	SM 5310C		1	551956	09/30/20 14:55	CLA	TAL BUF

Client Sample ID: MW7DD 092420

Lab Sample ID: 480-175610-3

Date Collected: 09/24/20 10:55

Matrix: Water

Date Received: 09/24/20 17:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	551579	09/29/20 14:56	CRL	TAL BUF
Total/NA	Analysis	300.0		5	552134	10/02/20 03:11	RJS	TAL BUF
Total/NA	Analysis	310.2_ASP		5	551569	09/29/20 04:17	SRW	TAL BUF
Total/NA	Analysis	353.2		1	551302	09/25/20 14:47	ALT	TAL BUF
Total/NA	Analysis	353.2		1	551308	09/25/20 14:47	ALT	TAL BUF
Total/NA	Analysis	SM 4500 S2 F		1	551543	09/28/20 12:40	MJB	TAL BUF
Dissolved	Analysis	SM 5310C		1	551956	09/30/20 15:11	CLA	TAL BUF

Client Sample ID: MW7D 092420

Lab Sample ID: 480-175610-4

Date Collected: 09/24/20 12:05

Matrix: Water

Date Received: 09/24/20 17:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	551579	09/29/20 15:19	CRL	TAL BUF
Total/NA	Analysis	300.0		5	552134	10/02/20 03:25	RJS	TAL BUF
Total/NA	Analysis	310.2_ASP		5	551569	09/29/20 04:17	SRW	TAL BUF
Total/NA	Analysis	353.2		1	551302	09/25/20 14:49	ALT	TAL BUF

Eurofins TestAmerica, Buffalo

Lab Chronicle

Client: O'Brien & Gere Inc of North America
Project/Site: Forest Glen Monitoring

Job ID: 480-175610-1

Client Sample ID: MW7D 092420

Lab Sample ID: 480-175610-4

Date Collected: 09/24/20 12:05

Matrix: Water

Date Received: 09/24/20 17:40

<u>Prep Type</u>	<u>Batch Type</u>	<u>Batch Method</u>	<u>Run</u>	<u>Dilution Factor</u>	<u>Batch Number</u>	<u>Prepared or Analyzed</u>	<u>Analyst</u>	<u>Lab</u>
Total/NA	Analysis	353.2		1	551308	09/25/20 14:49	ALT	TAL BUF
Total/NA	Analysis	SM 4500 S2 F		1	551543	09/28/20 12:40	MJB	TAL BUF
Dissolved	Analysis	SM 5310C		1	551956	09/30/20 15:26	CLA	TAL BUF

Client Sample ID: MW7S 092420

Lab Sample ID: 480-175610-5

Date Collected: 09/24/20 14:00

Matrix: Water

Date Received: 09/24/20 17:40

<u>Prep Type</u>	<u>Batch Type</u>	<u>Batch Method</u>	<u>Run</u>	<u>Dilution Factor</u>	<u>Batch Number</u>	<u>Prepared or Analyzed</u>	<u>Analyst</u>	<u>Lab</u>
Total/NA	Analysis	8260C		4	551579	09/29/20 15:42	CRL	TAL BUF

Client Sample ID: TRIP BLANK

Lab Sample ID: 480-175610-6

Date Collected: 09/24/20 00:00

Matrix: Water

Date Received: 09/24/20 17:40

<u>Prep Type</u>	<u>Batch Type</u>	<u>Batch Method</u>	<u>Run</u>	<u>Dilution Factor</u>	<u>Batch Number</u>	<u>Prepared or Analyzed</u>	<u>Analyst</u>	<u>Lab</u>
Total/NA	Analysis	8260C		1	551579	09/29/20 16:05	CRL	TAL BUF

Laboratory References:

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

Accreditation/Certification Summary

Client: O'Brien & Gere Inc of North America
Project/Site: Forest Glen Monitoring

Job ID: 480-175610-1

Laboratory: Eurofins TestAmerica, Buffalo

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

Authority	Program	Identification Number	Expiration Date
New York	NELAP	10026	04-01-21

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

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14
- 15
- 16

Method Summary

Client: O'Brien & Gere Inc of North America
Project/Site: Forest Glen Monitoring

Job ID: 480-175610-1

Method	Method Description	Protocol	Laboratory
8260C	Volatile Organic Compounds by GC/MS	SW846	TAL BUF
300.0	Anions, Ion Chromatography	MCAWW	TAL BUF
310.2_ASP	Alkalinity - Colorimetric	MCAWW	TAL BUF
353.2	Nitrate	EPA	TAL BUF
353.2	Nitrogen, Nitrite	MCAWW	TAL BUF
SM 4500 S2 F	Sulfide, Total	SM	TAL BUF
SM 5310C	Organic Carbon, Dissolved (DOC)	SM	TAL BUF
5030C	Purge and Trap	SW846	TAL BUF

Protocol References:

EPA = US Environmental Protection Agency

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

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

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

Laboratory References:

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

Sample Summary

Client: O'Brien & Gere Inc of North America
Project/Site: Forest Glen Monitoring

Job ID: 480-175610-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Asset ID
480-175610-1	MW5S 092420	Water	09/24/20 08:30	09/24/20 17:40	
480-175610-2	MW8S 092420	Water	09/24/20 10:40	09/24/20 17:40	
480-175610-3	MW7DD 092420	Water	09/24/20 10:55	09/24/20 17:40	
480-175610-4	MW7D 092420	Water	09/24/20 12:05	09/24/20 17:40	
480-175610-5	MW7S 092420	Water	09/24/20 14:00	09/24/20 17:40	
480-175610-6	TRIP BLANK	Water	09/24/20 00:00	09/24/20 17:40	

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14
- 15
- 16

Quantitation Limit Exceptions Summary

Client: O'Brien & Gere Inc of North America
Project/Site: Forest Glen Monitoring


Job ID: 480-175610-1

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

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14
- 15
- 16

Chain of Custody Record

Client Information		Lab PM Schove, John R		Carrier Tracking No(s) 480-150718-27221.3	
Company O'Brien & Gere Inc of North America		E-Mail John.Schove@Eurofinset.com		Page Page 3 of 3	
Address 333 West Washington St. PO BOX 4873		City East Syracuse		Job #	
State, Zip NY, 13221		PO # 92001143		Preservation Codes: A - HCL B - NaOH C - Zn Acetate D - Nitric Acid E - NaHSO4 F - MeOH G - Amchlor H - Ascorbic Acid I - Ice J - DI Water K - EDTA L - EDA Other: M - Hexane N - None O - AsNaO2 P - Na2O4S Q - Na2SO3 R - Na2S2O3 S - H2SO4 T - TSP Dodecahydrate U - Acetone V - MCAA W - pH 4-5 Z - other (specify)	
Phone 315-956-6100(Tel) 315-463-7554(Fax)		WO #		Special Instructions/Note:	
Email yuri.veliz@ramboil.com		Project # 48002808		<div style="text-align: center;">  480-175610 Chain of Custody </div>	
Project Name Forest Glen Monitoring		SSOW#			
Site		Field Filtered Sample (Yes or No)			
Due Date Requested:		Perform MS/MSD (Yes or No)			
TAT Requested (days):		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, O - Total Sulfide			
		8260C - TCL Volatiles			
		Total Number of Containers			

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Preservation Code	Matrix (W=water, S=solid, O=waste, A=air)
MW 55 092420	9-24-20	8:30	G		Water
MW 85 092420	9-24-20	10:40	G		Water
MW 7D 092420	9-24-20	10:55	G		W
MW 7D 092420	9-24-20	12:05	G		W
MW 7S 092420	9-24-20	14:00	G		W
QC TRIP Blanks					

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

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

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

Special Instructions/QC Requirements:

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

Relinquished by *Yuri Veliz* Date/Time: 9-24-20 / 17:40 Company: OBG

Relinquished by *John Schove* Date/Time: 9/24/20 17:40 Company: OBG

Relinquished by _____ Date/Time: _____ Company: _____

Custody Seals Intact: Yes No **Custody Seal No.:** 318 # ICE

Login Sample Receipt Checklist

Client: O'Brien & Gere Inc of North America

Job Number: 480-175610-1

Login Number: 175610

List Number: 1

Creator: Kolb, Chris M

List Source: Eurofins TestAmerica, Buffalo

Question	Answer	Comment
Radioactivity either was not measured or, if measured, is at or below background	True	
The cooler's custody seal, if present, is intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
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	obg
Samples received within 48 hours of sampling.	True	
Samples requiring field filtration have been filtered in the field.	True	
Chlorine Residual checked.	N/A	



LELAP CERTIFICATE NUMBER: 01955
DOD-ELAP ACCREDITATION NUMBER: 74960

ANALYTICAL RESULTS

PERFORMED BY

Pace Analytical Gulf Coast
7979 Innovation Park Dr.
Baton Rouge, LA 70820
(225) 769-4900

Report Date 10/02/2020

Report # 220092504



***Project* Forest Glen Superfund**

<i>Deliver To</i>	<i>Additional Recipients</i>
Yuri Veliz Ramboll 333 W Washington St Syracuse, NY 13202 315-956-6100	David Carnevale, Ramboll





Report#: 220092504

Project ID: Forest Glen Superfund

Report Date: 10/02/2020

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 220092504

Certifications

Certification	Certification Number
DOD ELAP	74960
Alabama	01955
Arkansas	88-0655
Colorado	01955
Delaware	01955
Florida	E87854
Georgia	01955
Hawaii	01955
Idaho	01955
Illinois	200048
Indiana	01955
Kansas	E-10354
Kentucky	95
Louisiana	01955
Maryland	01955
Massachusetts	01955
Michigan	01955
Mississippi	01955
Missouri	01955
Montana	N/A
Nebraska	01955
New Mexico	01955
North Carolina	618
North Dakota	R-195
Oklahoma	9403
South Carolina	73006001
South Dakota	01955
Tennessee	01955
Texas	T104704178
Vermont	01955
Virginia	460215
Washington	C929
USDA Soil Permit	P330-16-00234



Report#: 220092504

Project ID: Forest Glen Superfund

Report Date: 10/02/2020

Case Narrative

Client: O'Brien & Gere NY **Report:** 220092504

Pace Analytical Gulf Coast received and analyzed the sample(s) listed on the Report Sample Summary page of this report. Receipt of the sample(s) is documented by the attached chain of custody. This applies only to the sample(s) listed in this report. No sample integrity or quality control exceptions were identified unless noted below.

No anomalies were found for the analyzed sample(s).



Report#: 220092504

Project ID: Forest Glen Superfund

Report Date: 10/02/2020

Sample Summary

LAB ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
22009250401	MW105S092320	Water	09/23/2020 09:02	09/24/2020 10:10
22009250402	MW5D092320	Water	09/23/2020 10:30	09/24/2020 10:10
22009250403	X-1092320	Water	09/23/2020 00:01	09/24/2020 10:10
22009250404	MW6S092320	Water	09/23/2020 11:12	09/24/2020 10:10
22009250405	MW4D092320	Water	09/23/2020 11:15	09/24/2020 10:10
22009250406	MW8DD092320	Water	09/23/2020 14:10	09/24/2020 10:10
22009250407	MW8D092320	Water	09/23/2020 14:45	09/24/2020 10:10
22009250408	QC TRIP BLANK	Water	09/23/2020 00:01	09/24/2020 10:10
22009250409	MW1D092220	Water	09/22/2020 09:50	09/24/2020 10:10
22009250410	MW1S092220	Water	09/22/2020 09:55	09/24/2020 10:10
22009250411	MW6D092220	Water	09/22/2020 12:33	09/24/2020 10:10
22009250412	MW10D092220	Water	09/22/2020 13:10	09/24/2020 10:10
22009250413	MW10DMS092220	Water	09/22/2020 13:10	09/24/2020 10:10
22009250414	MW10DMSD092220	Water	09/22/2020 13:10	09/24/2020 10:10
22009250415	MW6DD92220	Water	09/22/2020 15:00	09/24/2020 10:10



Report#: 220092504

Project ID: Forest Glen Superfund

Report Date: 10/02/2020

Summary of Compounds Detected

MW105S092320	Collect Date	09/23/2020 09:02	LAB ID	22009250401
	Receive Date	09/24/2020 10:10	Matrix	Water

EPA RSK175

CAS#	Parameter	Result	DL	LOQ	Units
74-82-8	Methane	36	2.5	5.0	ug/L

MW5D092320	Collect Date	09/23/2020 10:30	LAB ID	22009250402
	Receive Date	09/24/2020 10:10	Matrix	Water

EPA RSK175

CAS#	Parameter	Result	DL	LOQ	Units
74-82-8	Methane	85	2.5	5.0	ug/L

X-1092320	Collect Date	09/23/2020 00:01	LAB ID	22009250403
	Receive Date	09/24/2020 10:10	Matrix	Water

EPA RSK175

CAS#	Parameter	Result	DL	LOQ	Units
74-82-8	Methane	45	2.5	5.0	ug/L

MW6S092320	Collect Date	09/23/2020 11:12	LAB ID	22009250404
	Receive Date	09/24/2020 10:10	Matrix	Water

EPA RSK175

CAS#	Parameter	Result	DL	LOQ	Units
74-85-1	Ethene	1.4	0.12	1.0	ug/L
74-82-8	Methane	86	2.5	5.0	ug/L

MW4D092320	Collect Date	09/23/2020 11:15	LAB ID	22009250405
	Receive Date	09/24/2020 10:10	Matrix	Water

EPA RSK175

CAS#	Parameter	Result	DL	LOQ	Units
74-84-0	Ethane	0.57J	0.075	1.0	ug/L



Report#: 220092504

Project ID: Forest Glen Superfund

Report Date: 10/02/2020

Summary of Compounds Detected

MW4D092320	Collect Date	09/23/2020 11:15	LAB ID	22009250405
	Receive Date	09/24/2020 10:10	Matrix	Water

EPA RSK175 (Continued)

CAS#	Parameter	Result	DL	LOQ	Units
74-82-8	Methane	60	2.5	5.0	ug/L

MW8DD092320	Collect Date	09/23/2020 14:10	LAB ID	22009250406
	Receive Date	09/24/2020 10:10	Matrix	Water

EPA RSK175

CAS#	Parameter	Result	DL	LOQ	Units
74-84-0	Ethane	3.1	0.075	1.0	ug/L
74-82-8	Methane	85	2.5	5.0	ug/L

MW8D092320	Collect Date	09/23/2020 14:45	LAB ID	22009250407
	Receive Date	09/24/2020 10:10	Matrix	Water

EPA RSK175

CAS#	Parameter	Result	DL	LOQ	Units
74-84-0	Ethane	0.40J	0.075	1.0	ug/L
74-82-8	Methane	330	2.5	5.0	ug/L

QC TRIP BLANK	Collect Date	09/23/2020 00:01	LAB ID	22009250408
	Receive Date	09/24/2020 10:10	Matrix	Water

EPA RSK175

CAS#	Parameter	Result	DL	LOQ	Units
74-82-8	Methane	4.9J	2.5	5.0	ug/L



Report#: 220092504

Project ID: Forest Glen Superfund

Report Date: 10/02/2020

Summary of Compounds Detected

MW1D092220	Collect Date	09/22/2020 09:50	LAB ID	22009250409
	Receive Date	09/24/2020 10:10	Matrix	Water

EPA RSK175

CAS#	Parameter	Result	DL	LOQ	Units
74-82-8	Methane	54	2.5	5.0	ug/L

MW1S092220	Collect Date	09/22/2020 09:55	LAB ID	22009250410
	Receive Date	09/24/2020 10:10	Matrix	Water

EPA RSK175

CAS#	Parameter	Result	DL	LOQ	Units
74-82-8	Methane	2.9J	2.5	5.0	ug/L

MW6D092220	Collect Date	09/22/2020 12:33	LAB ID	22009250411
	Receive Date	09/24/2020 10:10	Matrix	Water

EPA RSK175

CAS#	Parameter	Result	DL	LOQ	Units
74-84-0	Ethane	0.21J	0.075	1.0	ug/L
74-82-8	Methane	180	2.5	5.0	ug/L

MW10D092220	Collect Date	09/22/2020 13:10	LAB ID	22009250412
	Receive Date	09/24/2020 10:10	Matrix	Water

EPA RSK175

CAS#	Parameter	Result	DL	LOQ	Units
74-82-8	Methane	120	2.5	5.0	ug/L

MW6DD92220	Collect Date	09/22/2020 15:00	LAB ID	22009250415
	Receive Date	09/24/2020 10:10	Matrix	Water

EPA RSK175

CAS#	Parameter	Result	DL	LOQ	Units
74-84-0	Ethane	0.29J	0.075	1.0	ug/L



Report#: 220092504

Project ID: Forest Glen Superfund

Report Date: 10/02/2020

Summary of Compounds Detected

MW6DD92220	Collect Date	09/22/2020 15:00	LAB ID	22009250415
	Receive Date	09/24/2020 10:10	Matrix	Water

EPA RSK175 (Continued)

CAS#	Parameter	Result	DL	LOQ	Units
74-85-1	Ethene	0.32J	0.12	1.0	ug/L
74-82-8	Methane	130	2.5	5.0	ug/L



Report#: 220092504

Project ID: Forest Glen Superfund

Report Date: 10/02/2020

Sample Results

MW105S092320	Collect Date	09/23/2020 09:02	LAB ID	22009250401
	Receive Date	09/24/2020 10:10	Matrix	Water

EPA RSK175

Prep Date	Prep Batch	Prep Method	Dilution	Analysis Date	By	Analytical Batch
NA	NA	NA	1	09/30/2020 17:25	JCK2	693529
CAS#	Parameter	Result	DL	LOQ	Units	
74-84-0	Ethane	0.075U	0.075	1.0	ug/L	
74-85-1	Ethene	0.12U	0.12	1.0	ug/L	
74-82-8	Methane	36	2.5	5.0	ug/L	

MW5D092320	Collect Date	09/23/2020 10:30	LAB ID	22009250402
	Receive Date	09/24/2020 10:10	Matrix	Water

EPA RSK175

Prep Date	Prep Batch	Prep Method	Dilution	Analysis Date	By	Analytical Batch
NA	NA	NA	1	09/30/2020 17:37	JCK2	693529
CAS#	Parameter	Result	DL	LOQ	Units	
74-84-0	Ethane	0.075U	0.075	1.0	ug/L	
74-85-1	Ethene	0.12U	0.12	1.0	ug/L	
74-82-8	Methane	85	2.5	5.0	ug/L	

X-1092320	Collect Date	09/23/2020 00:01	LAB ID	22009250403
	Receive Date	09/24/2020 10:10	Matrix	Water

EPA RSK175

Prep Date	Prep Batch	Prep Method	Dilution	Analysis Date	By	Analytical Batch
NA	NA	NA	1	09/30/2020 17:49	JCK2	693529
CAS#	Parameter	Result	DL	LOQ	Units	
74-84-0	Ethane	0.075U	0.075	1.0	ug/L	
74-85-1	Ethene	0.12U	0.12	1.0	ug/L	
74-82-8	Methane	45	2.5	5.0	ug/L	



Report#: 220092504

Project ID: Forest Glen Superfund

Report Date: 10/02/2020

Sample Results

MW6S092320	Collect Date	09/23/2020 11:12	LAB ID	22009250404
	Receive Date	09/24/2020 10:10	Matrix	Water

EPA RSK175

Prep Date	Prep Batch	Prep Method	Dilution	Analysis Date	By	Analytical Batch	
NA	NA	NA	1	09/30/2020 18:01	JCK2	693529	
CAS#	Parameter			Result	DL	LOQ	Units
74-84-0	Ethane			0.075U	0.075	1.0	ug/L
74-85-1	Ethene			1.4	0.12	1.0	ug/L
74-82-8	Methane			86	2.5	5.0	ug/L

MW4D092320	Collect Date	09/23/2020 11:15	LAB ID	22009250405
	Receive Date	09/24/2020 10:10	Matrix	Water

EPA RSK175

Prep Date	Prep Batch	Prep Method	Dilution	Analysis Date	By	Analytical Batch	
NA	NA	NA	1	09/30/2020 18:13	JCK2	693529	
CAS#	Parameter			Result	DL	LOQ	Units
74-84-0	Ethane			0.57J	0.075	1.0	ug/L
74-85-1	Ethene			0.12U	0.12	1.0	ug/L
74-82-8	Methane			60	2.5	5.0	ug/L

MW8DD092320	Collect Date	09/23/2020 14:10	LAB ID	22009250406
	Receive Date	09/24/2020 10:10	Matrix	Water

EPA RSK175

Prep Date	Prep Batch	Prep Method	Dilution	Analysis Date	By	Analytical Batch	
NA	NA	NA	1	09/30/2020 18:25	JCK2	693529	
CAS#	Parameter			Result	DL	LOQ	Units
74-84-0	Ethane			3.1	0.075	1.0	ug/L
74-85-1	Ethene			0.12U	0.12	1.0	ug/L
74-82-8	Methane			85	2.5	5.0	ug/L



Report#: 220092504

Project ID: Forest Glen Superfund

Report Date: 10/02/2020

Sample Results

MW8D092320	Collect Date	09/23/2020 14:45	LAB ID	22009250407
	Receive Date	09/24/2020 10:10	Matrix	Water

EPA RSK175

Prep Date	Prep Batch	Prep Method	Dilution	Analysis Date	By	Analytical Batch
NA	NA	NA	1	09/30/2020 18:37	JCK2	693529

CAS#	Parameter	Result	DL	LOQ	Units
74-84-0	Ethane	0.40J	0.075	1.0	ug/L
74-85-1	Ethene	0.12U	0.12	1.0	ug/L
74-82-8	Methane	330	2.5	5.0	ug/L

QC TRIP BLANK	Collect Date	09/23/2020 00:01	LAB ID	22009250408
	Receive Date	09/24/2020 10:10	Matrix	Water

EPA RSK175

Prep Date	Prep Batch	Prep Method	Dilution	Analysis Date	By	Analytical Batch
NA	NA	NA	1	09/30/2020 18:49	JCK2	693529

CAS#	Parameter	Result	DL	LOQ	Units
74-84-0	Ethane	0.075U	0.075	1.0	ug/L
74-85-1	Ethene	0.12U	0.12	1.0	ug/L
74-82-8	Methane	4.9J	2.5	5.0	ug/L

MW1D092220	Collect Date	09/22/2020 09:50	LAB ID	22009250409
	Receive Date	09/24/2020 10:10	Matrix	Water

EPA RSK175

Prep Date	Prep Batch	Prep Method	Dilution	Analysis Date	By	Analytical Batch
NA	NA	NA	1	09/30/2020 19:01	JCK2	693529

CAS#	Parameter	Result	DL	LOQ	Units
74-84-0	Ethane	0.075U	0.075	1.0	ug/L
74-85-1	Ethene	0.12U	0.12	1.0	ug/L
74-82-8	Methane	54	2.5	5.0	ug/L



Report#: 220092504

Project ID: Forest Glen Superfund

Report Date: 10/02/2020

Sample Results

MW1S092220

Collect Date 09/22/2020 09:55

LAB ID 22009250410

Receive Date 09/24/2020 10:10

Matrix Water

EPA RSK175

Prep Date	Prep Batch	Prep Method	Dilution	Analysis Date	By	Analytical Batch
NA	NA	NA	1	10/01/2020 21:25	JCK2	693633

CAS#	Parameter	Result	DL	LOQ	Units
74-84-0	Ethane	0.075U	0.075	1.0	ug/L
74-85-1	Ethene	0.12U	0.12	1.0	ug/L
74-82-8	Methane	2.9J	2.5	5.0	ug/L

MW6D092220

Collect Date 09/22/2020 12:33

LAB ID 22009250411

Receive Date 09/24/2020 10:10

Matrix Water

EPA RSK175

Prep Date	Prep Batch	Prep Method	Dilution	Analysis Date	By	Analytical Batch
NA	NA	NA	1	10/01/2020 21:36	JCK2	693633

CAS#	Parameter	Result	DL	LOQ	Units
74-84-0	Ethane	0.21J	0.075	1.0	ug/L
74-85-1	Ethene	0.12U	0.12	1.0	ug/L
74-82-8	Methane	180	2.5	5.0	ug/L

MW10D092220

Collect Date 09/22/2020 13:10

LAB ID 22009250412

Receive Date 09/24/2020 10:10

Matrix Water

EPA RSK175

Prep Date	Prep Batch	Prep Method	Dilution	Analysis Date	By	Analytical Batch
NA	NA	NA	1	10/01/2020 21:48	JCK2	693633

CAS#	Parameter	Result	DL	LOQ	Units
74-84-0	Ethane	0.075U	0.075	1.0	ug/L
74-85-1	Ethene	0.12U	0.12	1.0	ug/L
74-82-8	Methane	120	2.5	5.0	ug/L



Report#: 220092504

Project ID: Forest Glen Superfund

Report Date: 10/02/2020

Sample Results

MW10DMS092220	Collect Date	09/22/2020 13:10	LAB ID	22009250413
	Receive Date	09/24/2020 10:10	Matrix	Water

EPA RSK175

Prep Date	Prep Batch	Prep Method	Dilution	Analysis Date	By	Analytical Batch
NA	NA	NA	1	10/01/2020 22:01	JCK2	693633

CAS#	Parameter	Result	DL	LOQ	Units
74-84-0	Ethane	85	0.075	1.0	ug/L
74-85-1	Ethene	120	0.12	1.0	ug/L
74-82-8	Methane	460	2.5	5.0	ug/L

MW10DMSD092220	Collect Date	09/22/2020 13:10	LAB ID	22009250414
	Receive Date	09/24/2020 10:10	Matrix	Water

EPA RSK175

Prep Date	Prep Batch	Prep Method	Dilution	Analysis Date	By	Analytical Batch
NA	NA	NA	1	10/01/2020 22:12	JCK2	693633

CAS#	Parameter	Result	DL	LOQ	Units
74-84-0	Ethane	100	0.075	1.0	ug/L
74-85-1	Ethene	140	0.12	1.0	ug/L
74-82-8	Methane	520	2.5	5.0	ug/L

MW6DD92220	Collect Date	09/22/2020 15:00	LAB ID	22009250415
	Receive Date	09/24/2020 10:10	Matrix	Water

EPA RSK175

Prep Date	Prep Batch	Prep Method	Dilution	Analysis Date	By	Analytical Batch
NA	NA	NA	1	10/01/2020 22:24	JCK2	693633

CAS#	Parameter	Result	DL	LOQ	Units
74-84-0	Ethane	0.29J	0.075	1.0	ug/L
74-85-1	Ethene	0.32J	0.12	1.0	ug/L
74-82-8	Methane	130	2.5	5.0	ug/L



Report#: 220092504

Project ID: Forest Glen Superfund

Report Date: 10/02/2020

General Chromatography QC Summary

Analytical Batch 693529		Client ID MB693529	LAB ID 2090456	Sample Type MB	Prep Date 09/30/20 10:46	Analysis Date 09/30/20 10:10	Matrix Water	LCS693529 2090457 LCS	LCSD693529 2090458 LCSD			
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	0.42J	0.075	100	120	121	70 - 130	100	100	103	16	30
Ethene	74-85-1	0.37J	0.12	140	160	111	70 - 130	140	140	97	14	30
Methane	74-82-8	4.8J	2.5	490	550	112	70 - 130	490	470	96	16	30

Analytical Batch 693633		Client ID MB693633	LAB ID 2091077	Sample Type MB	Prep Date 10/01/20 21:01	Analysis Date 10/01/20 20:24	Matrix Water	LCS693633 2091078 LCS	LCSD693633 2091079 LCSD			
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	0.075U	0.075	100	90	89	70 - 130	100	88	88	2	30
Ethene	74-85-1	0.12U	0.12	140	130	89	70 - 130	140	120	88	2	30
Methane	74-82-8	5.0J	2.5	490	400	82	70 - 130	490	460	93	12	30

Analytical Batch 693633		Client ID MW10D092220	LAB ID 22009250412	Sample Type SAMPLE	Prep Date NA	Analysis Date 10/01/2020 21:48	Matrix Water	MW10DMS092220 22009250413 MS	MW10DMSD092220 22009250414 MSD			
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	0.0	0.075	100	85	85	70 - 130	100	100	99	16	30
Ethene	74-85-1	0.0	0.12	140	120	86	70 - 130	140	140	99	14	30
Methane	74-82-8	120	2.5	490	460	70	70 - 130	490	520	82	12	30



CHAIN-OF-CUSTODY Analytical Request Document

Chain-of-Custody is a LEGAL DOCUMENT - Complete all relevant fields

LAB USE ONLY - Affix Work

Client ID: OBG-NY - O'Brien & Gere NY

SDG: 220092504

PM: RWe



Company: **Ramboll**

Address: **333 West Washington St E, Syracuse NY 13221**

Report To: **YURRI VELIZ**

Copy To:

Customer Project Name/Number: **FORREST GLEN**

State: **NY** County/City: **Niagara Falls** Time Zone Collected: **[] PT [] MT [] CT [x] ET**

Phone: **315-956-6100** Site/Facility ID #:

Compliance Monitoring? Yes No

Collected By (print): **Martin Koenig** Purchase Order #: DW PWS ID #: DW Location Code:

Collected By (signature): **Martin Koenig** Turnaround Date Required: Immediately Packed on Ice: Yes No

Sample Disposal: Dispose as appropriate Return Archive Hold: Rush: Same Day Next Day 2 Day 3 Day 4 Day 5 Day (Expedite Charges Apply) Field Filtered (if applicable): Yes No Analysis:

ALL SHAD

Container Preservative T

D

** Preservative Types: (1) nitric acid, (2) sulfuric acid, (3) hydrochloric acid, (4) sodium hydroxide, (5) zinc acetate, (6) methanol, (7) sodium bisulfate, (8) sodium thiosulfate, (9) hexane, (A) ascorbic acid, (B) ammonium sulfate, (C) ammonium hydroxide, (D) TSP, (U) Unpreserved, (O) Other

* Matrix Codes (Insert in Matrix box below): Drinking Water (DW), Ground Water (GW), Wastewater (WW), Product (P), Soil/Solid (SL), Oil (OL), Wipe (WP), Air (AR), Tissue (TS), Bioassay (B), Vapor (V), Other (OT)

Customer Sample ID	Matrix *	Comp / Grab	Collected (or Composite Start)		Composite End		Res Cl	# of Ctns
			Date	Time	Date	Time		
MW10S092320	GW	G	9-23-20	9:02				3
MW5D092320	GW	G	9-23-20	10:30				3
X-1092320	GW	G	9-23-20					3
MW65092320	GW	G	9-23-20	11:12				3
MW4D092320	GW	G	9-23-20	11:15				3
MW8DD092320	GW	G	9-23-20	14:10				3
MW8D092320	GW	G	9-23-20	14:45				3
QC TR, BLANKS								2

Analyses

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:

MEE

Customer Remarks / Special Conditions / Possible Hazards:

Type of Ice Used: Wet Blue Dry None

SHORT HOLDS PRESENT (<72 hours): Y N N/A

Packing Material Used: **3971 3172 1283**

Lab Tracking #: **2541374**

Radchem sample(s) screened (<500 cpm): Y N NA

Samples received via: FEDEX UPS Client Courier Pace Courier

Relinquished by/Company: (Signature) **Martin Koenig** Date/Time: **9/23/20 10:00** Received by/Company: (Signature) **Fedex** Date/Time: **9/24/20 10:10**

Relinquished by/Company: (Signature) **Fedex** Date/Time: **9/24/20 10:10** Received by/Company: (Signature) **Kiehel Atayyadhi** Date/Time: **9/24/20 10:10**

Relinquished by/Company: (Signature) Date/Time: Received by/Company: (Signature) Date/Time:

MTJL LAB USE ONLY

Table #:

Acctnum:

Template:

Prelogin:

PM:

PB:

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: **Lab 3.0**

Trip Blank Received: Y N NA

HCL MeOH TSP Other

Non Conformance(s): YES / NO Page: of:

CHAIN-OF-CUSTODY Analytical Request Document

Chain-of-Custody is a LEGAL DOCUMENT - Complete all relevant fields

Company: **Ramboll** Billing Information: **EAST SYRACUSE NY 13221**

Address: **333 WEST WASHINGTON ST** Email To: **YURRI.VELIZ@RAMBOLL.COM**

Report To: **YURRI VELIZ** Site Collection Info/Address:

Copy To:

Customer Project Name/Number: **FORREST GLEN** State: **NY** County/City: **NIAGARA FALLS** Time Zone Collected: **PT | MT | CT | ET**

Phone: **315-956-6100** Site/Facility ID #: Compliance Monitoring? Yes No

Collected By (print): **Kristen Duric** Purchase Order #: DW PWS ID #: **Mina Koenig** Quote #: DW Location Code:

Collected By (signature): **Mina Koenig** Turnaround Date Required: Immediately Packed on Ice: Yes No

Sample Disposal: Rush: Same Day Next Day 2 Day 3 Day 4 Day 5 Day Field Filtered (if applicable): Yes No
(Expedite Charges Apply) Analysis:

* Matrix Codes (Insert in Matrix box below): Drinking Water (DW), Ground Water (GW), Wastewater (WW), Product (P), Soil/Solid (SL), Oil (OL), Wipe (WP), Air (AR), Tissue (TS), Bioassay (B), Vapor (V), Other (OT)

Customer Sample ID	Matrix *	Comp / Grab	Collected (or Composite Start)		Composite End		Res CI	# of Ctns
			Date	Time	Date	Time		
MW 1D 092220	GW	G	9-22-20	9:50				3
MW 1S 092220	GW	G	9-22-20	9:55				3
MW 6D 092220	GW	G	9-22-20	12:33				3
MW 10D 092220	GW	G	9-22-20	13:10				3
MW 10DMS 092220	GW	G	9-22-20	13:10				3
MW 10DMSD 092220	GW	G	9-22-20	13:10				3
MW 6DD 092220	GW	G	9-22-20	15:00				3

Customer Remarks / Special Conditions / Possible Hazards: Type of Ice Used: Wet Blue Dry None

Packing Material Used: **3971 3172 1283** Lab Tracking #: **2541373**

Radchem sample(s) screened (<500 cpm): Y N NA Samples received via: FEDEX UPS Client Courier Pace Courier

Relinquished by/Company: (Signature) **Kristen Duric** Date/Time: **9/23/20 16:50** Received by/Company: (Signature) **FedEx** Date/Time: **9/24/20 10:10**

Relinquished by/Company: (Signature) **FedEx** Date/Time: **9/24/20 10:10** Received by/Company: (Signature) **Rachel Alayyadhi** Date/Time: **9/24/20 10:10**

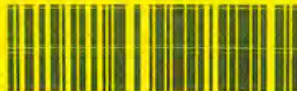
Relinquished by/Company: (Signature) Date/Time: Received by/Company: (Signature) Date/Time:

LAB USE ONLY- Affix Work

Client ID: **OBG-NY - O'Brien & Gere NY**

SDG: **220092504**

PM: **RWe**



** Preservative Types: (1) nitric acid, (2) sulfuric acid, (3) hydrochloric acid, (4) sodium hydroxide, (5) zinc acetate, (6) methanol, (7) sodium bisulfate, (8) sodium thiosulfate, (9) hexane, (A) ascorbic acid, (B) ammonium sulfate, (C) ammonium hydroxide, (D) TSP, (U) Unpreserved, (O) Other

Analyses	Lab Profile/Line:	
	Lab Sample Receipt Checklist:	
MEE	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:		

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: **E26 3.0**

Trip Blank Received: Y N NA

HCL MeOH TSP Other

Non Conformance(s): YES / NO Page: _____ of: _____



SAMPLE RECEIVING CHECKLIST



SAMPLE DELIVERY GROUP 220092504		CHECKLIST		YES	NO
Client PM R/W OBG-NY - O'Brien & Gere NY	Transport Method FEDEX	Samples received with proper thermal preservation?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
		Radioactivity is <1600 cpm? If no, record cpm value in notes section.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Profile Number 284604	Received By McCune, Dodie N.	COC relinquished and complete (including sampleIDs, collect times, and sampler)?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
		All containers received in good condition and within hold time?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Line Item(s) 1 - RSK-175	Receive Date(s) 09/24/20	All sample labels and containers received match the chain of custody?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
		Preservative added to any containers?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
		If received, was headspace for VOC water containers < 6mm?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
		Samples collected in containers provided by Pace Gulf Coast?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
COOLERS		DISCREPANCIES	LAB PRESERVATIONS		
Airbill	Thermometer ID: E26	Temp °C	None		
397131721283		3.0			
NOTES					



LELAP CERTIFICATE NUMBER: 01955
DOD-ELAP ACCREDITATION NUMBER: 74960

ANALYTICAL RESULTS

PERFORMED BY

Pace Analytical Gulf Coast
7979 Innovation Park Dr.
Baton Rouge, LA 70820
(225) 769-4900

Report Date 10/02/2020

Report # 220092616



***Project* Forest Glen Superfund**

<i>Deliver To</i>	<i>Additional Recipients</i>
Yuri Veliz Ramboll 333 W Washington St Syracuse, NY 13202 315-956-6100	David Carnevale, Ramboll





Report#: 220092616

Project ID: Forest Glen Superfund

Report Date: 10/02/2020

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 220092616



Report#: 220092616

Project ID: Forest Glen Superfund

Report Date: 10/02/2020

Certifications

Certification	Certification Number
DOD ELAP	74960
Alabama	01955
Arkansas	88-0655
Colorado	01955
Delaware	01955
Florida	E87854
Georgia	01955
Hawaii	01955
Idaho	01955
Illinois	200048
Indiana	01955
Kansas	E-10354
Kentucky	95
Louisiana	01955
Maryland	01955
Massachusetts	01955
Michigan	01955
Mississippi	01955
Missouri	01955
Montana	N/A
Nebraska	01955
New Mexico	01955
North Carolina	618
North Dakota	R-195
Oklahoma	9403
South Carolina	73006001
South Dakota	01955
Tennessee	01955
Texas	T104704178
Vermont	01955
Virginia	460215
Washington	C929
USDA Soil Permit	P330-16-00234



Report#: 220092616

Project ID: Forest Glen Superfund

Report Date: 10/02/2020

Case Narrative

Client: O'Brien & Gere NY **Report:** 220092616

Pace Analytical Gulf Coast received and analyzed the sample(s) listed on the Report Sample Summary page of this report. Receipt of the sample(s) is documented by the attached chain of custody. This applies only to the sample(s) listed in this report. No sample integrity or quality control exceptions were identified unless noted below.

No anomalies were found for the analyzed sample(s).



Report#: 220092616

Project ID: Forest Glen Superfund

Report Date: 10/02/2020

Sample Summary

LAB ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
22009261601	MW5S092420	Water	09/24/2020 08:30	09/25/2020 12:00
22009261602	MW8S092420	Water	09/24/2020 10:40	09/25/2020 12:00
22009261603	MW7DD092420	Water	09/24/2020 10:55	09/25/2020 12:00
22009261604	MW7D092420	Water	09/24/2020 12:05	09/25/2020 12:00
22009261605	QC TRIP BLANK	Water	09/24/2020 00:01	09/25/2020 12:00



Report#: 220092616

Project ID: Forest Glen Superfund

Report Date: 10/02/2020

Summary of Compounds Detected

MW5S092420	Collect Date	09/24/2020 08:30	LAB ID	22009261601
	Receive Date	09/25/2020 12:00	Matrix	Water

EPA RSK175

CAS#	Parameter	Result	DL	LOQ	Units
74-82-8	Methane	44	2.5	5.0	ug/L

MW8S092420	Collect Date	09/24/2020 10:40	LAB ID	22009261602
	Receive Date	09/25/2020 12:00	Matrix	Water

EPA RSK175

CAS#	Parameter	Result	DL	LOQ	Units
74-82-8	Methane	4.5J	2.5	5.0	ug/L

MW7DD092420	Collect Date	09/24/2020 10:55	LAB ID	22009261603
	Receive Date	09/25/2020 12:00	Matrix	Water

EPA RSK175

CAS#	Parameter	Result	DL	LOQ	Units
74-84-0	Ethane	7.5	0.075	1.0	ug/L
74-82-8	Methane	99	2.5	5.0	ug/L

MW7D092420	Collect Date	09/24/2020 12:05	LAB ID	22009261604
	Receive Date	09/25/2020 12:00	Matrix	Water

EPA RSK175

CAS#	Parameter	Result	DL	LOQ	Units
74-82-8	Methane	730	2.5	5.0	ug/L



Report#: 220092616

Project ID: Forest Glen Superfund

Report Date: 10/02/2020

Summary of Compounds Detected

QC TRIP BLANK	Collect Date	09/24/2020 00:01	LAB ID	22009261605
	Receive Date	09/25/2020 12:00	Matrix	Water

EPA RSK175

CAS#	Parameter	Result	DL	LOQ	Units
74-82-8	Methane	8.8	2.5	5.0	ug/L



Report#: 220092616

Project ID: Forest Glen Superfund

Report Date: 10/02/2020

Sample Results

MW5S092420	Collect Date	09/24/2020 08:30	LAB ID	22009261601
	Receive Date	09/25/2020 12:00	Matrix	Water

EPA RSK175

Prep Date	Prep Batch	Prep Method	Dilution	Analysis Date	By	Analytical Batch	
NA	NA	NA	1	10/01/2020 23:00	JCK2	693633	
CAS#	Parameter			Result	DL	LOQ	Units
74-84-0	Ethane			0.075U	0.075	1.0	ug/L
74-85-1	Ethene			0.12U	0.12	1.0	ug/L
74-82-8	Methane			44	2.5	5.0	ug/L

MW8S092420	Collect Date	09/24/2020 10:40	LAB ID	22009261602
	Receive Date	09/25/2020 12:00	Matrix	Water

EPA RSK175

Prep Date	Prep Batch	Prep Method	Dilution	Analysis Date	By	Analytical Batch	
NA	NA	NA	1	10/01/2020 23:12	JCK2	693633	
CAS#	Parameter			Result	DL	LOQ	Units
74-84-0	Ethane			0.075U	0.075	1.0	ug/L
74-85-1	Ethene			0.12U	0.12	1.0	ug/L
74-82-8	Methane			4.5J	2.5	5.0	ug/L

MW7DD092420	Collect Date	09/24/2020 10:55	LAB ID	22009261603
	Receive Date	09/25/2020 12:00	Matrix	Water

EPA RSK175

Prep Date	Prep Batch	Prep Method	Dilution	Analysis Date	By	Analytical Batch	
NA	NA	NA	1	10/01/2020 23:24	JCK2	693633	
CAS#	Parameter			Result	DL	LOQ	Units
74-84-0	Ethane			7.5	0.075	1.0	ug/L
74-85-1	Ethene			0.12U	0.12	1.0	ug/L
74-82-8	Methane			99	2.5	5.0	ug/L



Report#: 220092616

Project ID: Forest Glen Superfund

Report Date: 10/02/2020

Sample Results

MW7D092420	Collect Date	09/24/2020 12:05	LAB ID	22009261604
	Receive Date	09/25/2020 12:00	Matrix	Water

EPA RSK175

Prep Date	Prep Batch	Prep Method	Dilution	Analysis Date	By	Analytical Batch
NA	NA	NA	1	10/01/2020 23:36	JCK2	693633

CAS#	Parameter	Result	DL	LOQ	Units
74-84-0	Ethane	0.075U	0.075	1.0	ug/L
74-85-1	Ethene	0.12U	0.12	1.0	ug/L
74-82-8	Methane	730	2.5	5.0	ug/L

QC TRIP BLANK	Collect Date	09/24/2020 00:01	LAB ID	22009261605
	Receive Date	09/25/2020 12:00	Matrix	Water

EPA RSK175

Prep Date	Prep Batch	Prep Method	Dilution	Analysis Date	By	Analytical Batch
NA	NA	NA	1	10/01/2020 23:48	JCK2	693633

CAS#	Parameter	Result	DL	LOQ	Units
74-84-0	Ethane	0.075U	0.075	1.0	ug/L
74-85-1	Ethene	0.12U	0.12	1.0	ug/L
74-82-8	Methane	8.8	2.5	5.0	ug/L



Report#: 220092616

Project ID: Forest Glen Superfund

Report Date: 10/02/2020

General Chromatography QC Summary

Analytical Batch 693633	Client ID	MB693633	LCS693633				LCSD693633					
	LAB ID	2091077	2091078				2091079					
	Sample Type	MB	LCS				LCSD					
	Prep Date											
	Analysis Date	10/01/20 21:01	10/01/20 20:24				10/01/20 20:37					
	Matrix	Water	Water				Water					
EPA RSK175		Units Result	ug/L DL	Spike Added	Result	%R	Control Limits%R	Spike Added	Result	%R	RPD	RPD Limit
Ethane	74-84-0	0.075U	0.075	100	90	89	70 - 130	100	88	88	2	30
Ethene	74-85-1	0.12U	0.12	140	130	89	70 - 130	140	120	88	2	30
Methane	74-82-8	5.0J	2.5	490	400	82	70 - 130	490	460	93	12	30

Pace Analytical
CHAIN-OF-CUSTODY Analytical Request Document
 Chain-of-Custody is a LEGAL DOCUMENT - Complete all relevant fields

Company: **RAMBOLL** Billing Information:
 Address: **333 WEST WASHINGTON ST E, SYRACUSE NY 13221**
 Report To: **YURIT VELIZ** Email To: **YURIT.VELIZ@RAMBOLL.COM**
 Copy To:
 Customer Project Name/Number: **FORREST GLEN** State: **NY** County/City: **NIAGARA FALLS** Time Zone Collected: **PT | MT | CT | ET**
 Phone: Site/Facility ID #: Compliance Monitoring? Yes No
 Email: Purchase Order #: DW PWS ID #: DW Location Code:
 Collected By (print): **Kristin Dunne** Quote #: DW PWS ID #: DW Location Code:
 Collected By (signature): **Kristin Dunne** Turnaround Date Required: Immediately Packed on Ice:
 Sample Disposal: Dispose as appropriate Return Archive: Hold: Rush: Same Day Next Day 2 Day 3 Day 4 Day 5 Day (Expedite Charges Apply)
 Field Filtered (if applicable): Yes No
 Analysis:

* Matrix Codes (Insert in Matrix box below): Drinking Water (DW), Ground Water (GW), Wastewater (WW), Product (P), Soil/Solid (SL), Oil (OL), Wipe (WP), Air (AR), Tissue (TS), Bioassay (B), Vapor (V), Other (OT)

Customer Sample ID	Matrix *	Comp / Grab	Collected (or Composite Start)		Composite End		Res Cl	# of Ctns
			Date	Time	Date	Time		
MW 55092420	GW	G	9-24-20	8:30				3
MW 85092420	GW	G	9-24-20	10:40				3
MW 7DD092420	GW	G	9-24-20	10:55				3
MW 7D 092420	GW	G	9-24-20	12:05				3
QC TRIP BLANK								2

LAB USE ONLY - Affix W...
Client ID: OBG-NY - O'Brien & Gere NY
SDG: 220092616
PM: RWe
ALL SHAI
 Container Preservative T...
 ** Preservative Types: (1) nitric acid, (2) sulfuric acid, (3) hydrochloric acid, (4) sodium hydroxide, (5) zinc acetate, (6) methanol, (7) sodium bisulfate, (8) sodium thiosulfate, (9) hexane, (A) ascorbic acid, (B) ammonium sulfate, (C) ammonium hydroxide, (D) TSP, (U) Unpreserved, (O) Other

Analyses										Lab Profile/Line:
MEE										Lab Sample Receipt Checklist:
										Custody Seals Present/Intact Y N NA
MEE										Custody Signatures Present Y N NA
										Collector Signatures Present Y N NA
MEE										Bottles Intact Y N NA
										Correct Bottles Y N NA
MEE										Sufficient Volume Y N NA
										Samples Received on Ice Y N NA
MEE										VOA - Headspace Acceptable Y N NA
										USDA Regulated Soils Y N NA
MEE										Samples in Holding Time Y N NA
										Residual Chlorine Present Y N NA
MEE										Cl Strips: _____
										Sample pH Acceptable Y N NA
MEE										pH Strips: _____
										Sulfide Present Y N NA
MEE										Lead Acetate Strips: _____
										LAB USE ONLY:
MEE										Lab Sample # / Comments:

Customer Remarks / Special Conditions / Possible Hazards: Type of Ice Used: Wet Blue Dry None
 Packing Material Used: **3971 THO 2405**
 Radchem sample(s) screened (<500 cpm): Y N NA

SHORT HOLDS PRESENT (<72 hours): Y N N/A
 Lab Tracking #: **2541375**
 Samples received via: FEDEX UPS Client Courier Pace Courier

Relinquished by/Company: (Signature) **Kristin Dunne** Date/Time: **9/24/2020/12:00**
 Relinquished by/Company: (Signature) **FEDEX** Date/Time: **9-25-20**
 Relinquished by/Company: (Signature) Date/Time:

Received by/Company: (Signature) **Fedex** Date/Time: **9-25-20**
 Received by/Company: (Signature) **DocuMcClure** Date/Time: **9-25-20**
 Received by/Company: (Signature) Date/Time:
 MTJL LAB USE ONLY
 Table #:
 Acctnum:
 Template:
 Prelogin:
 PM:
 PB:
 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:
09150
 Trip Blank Received: Y N NA
 HCL MeOH TSP Other
 Non Conformance(s): YES / NO Page: _____ of: _____



SAMPLE RECEIVING CHECKLIST



SAMPLE DELIVERY GROUP 220092616		CHECKLIST		YES	NO
Client PM R/W OBG-NY - O'Brien & Gere NY	Transport Method FEDEX	Samples received with proper thermal preservation?		<input checked="" type="checkbox"/>	<input type="checkbox"/>
		Radioactivity is <1600 cpm? If no, record cpm value in notes section.		<input checked="" type="checkbox"/>	<input type="checkbox"/>
		COC relinquished and complete (including sampleIDs, collect times, and sampler)?		<input checked="" type="checkbox"/>	<input type="checkbox"/>
Profile Number 284604	Received By McCune, Dodie N.	All containers received in good condition and within hold time?		<input checked="" type="checkbox"/>	<input type="checkbox"/>
		All sample labels and containers received match the chain of custody?		<input checked="" type="checkbox"/>	<input type="checkbox"/>
		Preservative added to any containers?		<input type="checkbox"/>	<input checked="" type="checkbox"/>
		If received, was headspace for VOC water containers < 6mm?		<input checked="" type="checkbox"/>	<input type="checkbox"/>
		Samples collected in containers provided by Pace Gulf Coast?		<input checked="" type="checkbox"/>	<input type="checkbox"/>
COOLERS		DISCREPANCIES	LAB PRESERVATIONS		
Airbill	Thermometer ID: E26	Temp °C	None		
397177402465		0.9			
NOTES					

ANALYTICAL REPORT

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

Laboratory Job ID: 480-179497-1
Client Project/Site: Forest Glen Monitoring

For:

O'Brien & Gere Inc of North America
333 West Washington St.
PO BOX 4873
East Syracuse, New York 13221

Attn: Mr. David J Carnevale



*Authorized for release by:
12/28/2020 5:27:34 PM*

Rebecca Jones, Project Management Assistant I
Rebecca.Jones@Eurofinset.com

Designee for

John Schove, Project Manager II
(716)504-9838
John.Schove@Eurofinset.com

LINKS

Review your project
results through
TotalAccess

Have a Question?



Visit us at:

www.eurofinsus.com/Env

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

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

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



Table of Contents

Cover Page	1
Table of Contents	2
Definitions/Glossary	3
Case Narrative	4
Detection Summary	5
Client Sample Results	7
Surrogate Summary	29
QC Sample Results	30
QC Association Summary	35
Lab Chronicle	36
Certification Summary	39
Method Summary	40
Sample Summary	41
Chain of Custody	42
Receipt Checklists	44

Definitions/Glossary

Client: O'Brien & Gere Inc of North America
Project/Site: Forest Glen Monitoring

Job ID: 480-179497-1

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: 480-179497-1

Job ID: 480-179497-1

Laboratory: Eurofins TestAmerica, Buffalo

Narrative

**Job Narrative
480-179497-1**

Comments

No additional comments.

Receipt

The samples were received on 12/17/2020 1:25 PM; the samples arrived in good condition, and where required, properly preserved and on ice. The temperature of the cooler at receipt was 3.8° C.

GC/MS VOA

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

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14
- 15

Detection Summary

Client: O'Brien & Gere Inc of North America
Project/Site: Forest Glen Monitoring

Job ID: 480-179497-1

Client Sample ID: MW-1D 121520

Lab Sample ID: 480-179497-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methyl tert-butyl ether	0.63	J	1.0	0.16	ug/L	1		8260C	Total/NA

Client Sample ID: MW-1S 121520

Lab Sample ID: 480-179497-2

No Detections.

Client Sample ID: MW-6D 121520

Lab Sample ID: 480-179497-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	0.41	J	1.0	0.38	ug/L	1		8260C	Total/NA

Client Sample ID: MW-10D 121520

Lab Sample ID: 480-179497-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methyl tert-butyl ether	0.25	J	1.0	0.16	ug/L	1		8260C	Total/NA

Client Sample ID: MW-6S 121520

Lab Sample ID: 480-179497-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	5.8		1.0	0.81	ug/L	1		8260C	Total/NA

Client Sample ID: MW-10S 121520

Lab Sample ID: 480-179497-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	44		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: MW-6DD 121520

Lab Sample ID: 480-179497-7

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	1.6		1.0	0.90	ug/L	1		8260C	Total/NA

Client Sample ID: MW-5D 121520

Lab Sample ID: 480-179497-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methyl tert-butyl ether	0.32	J	1.0	0.16	ug/L	1		8260C	Total/NA

Client Sample ID: X-1 121520

Lab Sample ID: 480-179497-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methyl tert-butyl ether	0.24	J	1.0	0.16	ug/L	1		8260C	Total/NA

Client Sample ID: MW-4D 121520

Lab Sample ID: 480-179497-10

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methyl tert-butyl ether	0.35	J	1.0	0.16	ug/L	1		8260C	Total/NA

Client Sample ID: MW-5S 121520

Lab Sample ID: 480-179497-11

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1,1-Trichloroethane	7.9		1.0	0.82	ug/L	1		8260C	Total/NA
1,1-Dichloroethane	6.6		1.0	0.38	ug/L	1		8260C	Total/NA
cis-1,2-Dichloroethene	50		1.0	0.81	ug/L	1		8260C	Total/NA
Trichloroethene	25		1.0	0.46	ug/L	1		8260C	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins TestAmerica, Buffalo

Detection Summary

Client: O'Brien & Gere Inc of North America
Project/Site: Forest Glen Monitoring

Job ID: 480-179497-1

Client Sample ID: MW-7DD 121620

Lab Sample ID: 480-179497-12

No Detections.

Client Sample ID: MW-8DD 121620

Lab Sample ID: 480-179497-13

No Detections.

Client Sample ID: MW-7S 121620

Lab Sample ID: 480-179497-14

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Tetrachloroethene	0.46	J	1.0	0.36	ug/L	1		8260C	Total/NA
Trichloroethene	1.3		1.0	0.46	ug/L	1		8260C	Total/NA

Client Sample ID: MW-8S 121620

Lab Sample ID: 480-179497-15

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	2.4		1.0	0.81	ug/L	1		8260C	Total/NA
Tetrachloroethene	0.41	J	1.0	0.36	ug/L	1		8260C	Total/NA
Trichloroethene	1.9		1.0	0.46	ug/L	1		8260C	Total/NA

Client Sample ID: MW-7D 121620

Lab Sample ID: 480-179497-16

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Tetrachloroethene	0.49	J	1.0	0.36	ug/L	1		8260C	Total/NA
Trichloroethene	1.4		1.0	0.46	ug/L	1		8260C	Total/NA

Client Sample ID: MW-8D 121620

Lab Sample ID: 480-179497-17

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	0.78	J	1.0	0.38	ug/L	1		8260C	Total/NA
Methyl tert-butyl ether	0.23	J	1.0	0.16	ug/L	1		8260C	Total/NA

Client Sample ID: TRIP BLANK

Lab Sample ID: 480-179497-18

No Detections.

This Detection Summary does not include radiochemical test results.

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: O'Brien & Gere Inc of North America
Project/Site: Forest Glen Monitoring

Job ID: 480-179497-1

Client Sample ID: MW-1D 121520

Lab Sample ID: 480-179497-1

Date Collected: 12/15/20 08:40

Matrix: Water

Date Received: 12/17/20 13:25

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			12/17/20 22:39	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			12/17/20 22:39	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			12/17/20 22:39	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			12/17/20 22:39	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			12/17/20 22:39	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			12/17/20 22:39	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			12/17/20 22:39	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			12/17/20 22:39	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			12/17/20 22:39	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			12/17/20 22:39	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			12/17/20 22:39	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			12/17/20 22:39	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			12/17/20 22:39	1
2-Butanone (MEK)	ND		10	1.3	ug/L			12/17/20 22:39	1
2-Hexanone	ND		5.0	1.2	ug/L			12/17/20 22:39	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			12/17/20 22:39	1
Acetone	ND		10	3.0	ug/L			12/17/20 22:39	1
Benzene	ND		1.0	0.41	ug/L			12/17/20 22:39	1
Bromodichloromethane	ND		1.0	0.39	ug/L			12/17/20 22:39	1
Bromoform	ND		1.0	0.26	ug/L			12/17/20 22:39	1
Bromomethane	ND		1.0	0.69	ug/L			12/17/20 22:39	1
Carbon disulfide	ND		1.0	0.19	ug/L			12/17/20 22:39	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			12/17/20 22:39	1
Chlorobenzene	ND		1.0	0.75	ug/L			12/17/20 22:39	1
Dibromochloromethane	ND		1.0	0.32	ug/L			12/17/20 22:39	1
Chloroethane	ND		1.0	0.32	ug/L			12/17/20 22:39	1
Chloroform	ND		1.0	0.34	ug/L			12/17/20 22:39	1
Chloromethane	ND		1.0	0.35	ug/L			12/17/20 22:39	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			12/17/20 22:39	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			12/17/20 22:39	1
Cyclohexane	ND		1.0	0.18	ug/L			12/17/20 22:39	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			12/17/20 22:39	1
Ethylbenzene	ND		1.0	0.74	ug/L			12/17/20 22:39	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			12/17/20 22:39	1
Isopropylbenzene	ND		1.0	0.79	ug/L			12/17/20 22:39	1
Methyl acetate	ND		2.5	1.3	ug/L			12/17/20 22:39	1
Methyl tert-butyl ether	0.63	J	1.0	0.16	ug/L			12/17/20 22:39	1
Methylcyclohexane	ND		1.0	0.16	ug/L			12/17/20 22:39	1
Methylene Chloride	ND		1.0	0.44	ug/L			12/17/20 22:39	1
Styrene	ND		1.0	0.73	ug/L			12/17/20 22:39	1
Tetrachloroethene	ND		1.0	0.36	ug/L			12/17/20 22:39	1
Toluene	ND		1.0	0.51	ug/L			12/17/20 22:39	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			12/17/20 22:39	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			12/17/20 22:39	1
Trichloroethene	ND		1.0	0.46	ug/L			12/17/20 22:39	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			12/17/20 22:39	1
Vinyl chloride	ND		1.0	0.90	ug/L			12/17/20 22:39	1
Xylenes, Total	ND		2.0	0.66	ug/L			12/17/20 22:39	1

Client Sample Results

Client: O'Brien & Gere Inc of North America
Project/Site: Forest Glen Monitoring

Job ID: 480-179497-1

Client Sample ID: MW-1D 121520

Lab Sample ID: 480-179497-1

Date Collected: 12/15/20 08:40

Matrix: Water

Date Received: 12/17/20 13:25

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	102		80 - 120		12/17/20 22:39	1
1,2-Dichloroethane-d4 (Surr)	100		77 - 120		12/17/20 22:39	1
4-Bromofluorobenzene (Surr)	104		73 - 120		12/17/20 22:39	1
Dibromofluoromethane (Surr)	103		75 - 123		12/17/20 22:39	1

Client Sample ID: MW-1S 121520

Lab Sample ID: 480-179497-2

Date Collected: 12/15/20 09:05

Matrix: Water

Date Received: 12/17/20 13:25

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			12/17/20 23:02	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			12/17/20 23:02	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			12/17/20 23:02	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			12/17/20 23:02	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			12/17/20 23:02	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			12/17/20 23:02	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			12/17/20 23:02	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			12/17/20 23:02	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			12/17/20 23:02	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			12/17/20 23:02	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			12/17/20 23:02	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			12/17/20 23:02	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			12/17/20 23:02	1
2-Butanone (MEK)	ND		10	1.3	ug/L			12/17/20 23:02	1
2-Hexanone	ND		5.0	1.2	ug/L			12/17/20 23:02	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			12/17/20 23:02	1
Acetone	ND		10	3.0	ug/L			12/17/20 23:02	1
Benzene	ND		1.0	0.41	ug/L			12/17/20 23:02	1
Bromodichloromethane	ND		1.0	0.39	ug/L			12/17/20 23:02	1
Bromoform	ND		1.0	0.26	ug/L			12/17/20 23:02	1
Bromomethane	ND		1.0	0.69	ug/L			12/17/20 23:02	1
Carbon disulfide	ND		1.0	0.19	ug/L			12/17/20 23:02	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			12/17/20 23:02	1
Chlorobenzene	ND		1.0	0.75	ug/L			12/17/20 23:02	1
Dibromochloromethane	ND		1.0	0.32	ug/L			12/17/20 23:02	1
Chloroethane	ND		1.0	0.32	ug/L			12/17/20 23:02	1
Chloroform	ND		1.0	0.34	ug/L			12/17/20 23:02	1
Chloromethane	ND		1.0	0.35	ug/L			12/17/20 23:02	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			12/17/20 23:02	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			12/17/20 23:02	1
Cyclohexane	ND		1.0	0.18	ug/L			12/17/20 23:02	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			12/17/20 23:02	1
Ethylbenzene	ND		1.0	0.74	ug/L			12/17/20 23:02	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			12/17/20 23:02	1
Isopropylbenzene	ND		1.0	0.79	ug/L			12/17/20 23:02	1
Methyl acetate	ND		2.5	1.3	ug/L			12/17/20 23:02	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			12/17/20 23:02	1
Methylcyclohexane	ND		1.0	0.16	ug/L			12/17/20 23:02	1
Methylene Chloride	ND		1.0	0.44	ug/L			12/17/20 23:02	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: O'Brien & Gere Inc of North America
Project/Site: Forest Glen Monitoring

Job ID: 480-179497-1

Client Sample ID: MW-1S 121520

Lab Sample ID: 480-179497-2

Date Collected: 12/15/20 09:05

Matrix: Water

Date Received: 12/17/20 13:25

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	ND		1.0	0.73	ug/L			12/17/20 23:02	1
Tetrachloroethene	ND		1.0	0.36	ug/L			12/17/20 23:02	1
Toluene	ND		1.0	0.51	ug/L			12/17/20 23:02	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			12/17/20 23:02	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			12/17/20 23:02	1
Trichloroethene	ND		1.0	0.46	ug/L			12/17/20 23:02	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			12/17/20 23:02	1
Vinyl chloride	ND		1.0	0.90	ug/L			12/17/20 23:02	1
Xylenes, Total	ND		2.0	0.66	ug/L			12/17/20 23:02	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	102		80 - 120					12/17/20 23:02	1
1,2-Dichloroethane-d4 (Surr)	101		77 - 120					12/17/20 23:02	1
4-Bromofluorobenzene (Surr)	103		73 - 120					12/17/20 23:02	1
Dibromofluoromethane (Surr)	104		75 - 123					12/17/20 23:02	1

Client Sample ID: MW-6D 121520

Lab Sample ID: 480-179497-3

Date Collected: 12/15/20 10:00

Matrix: Water

Date Received: 12/17/20 13:25

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			12/17/20 23:25	1
1,1,1,2-Tetrachloroethane	ND		1.0	0.21	ug/L			12/17/20 23:25	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			12/17/20 23:25	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			12/17/20 23:25	1
1,1-Dichloroethane	0.41	J	1.0	0.38	ug/L			12/17/20 23:25	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			12/17/20 23:25	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			12/17/20 23:25	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			12/17/20 23:25	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			12/17/20 23:25	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			12/17/20 23:25	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			12/17/20 23:25	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			12/17/20 23:25	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			12/17/20 23:25	1
2-Butanone (MEK)	ND		10	1.3	ug/L			12/17/20 23:25	1
2-Hexanone	ND		5.0	1.2	ug/L			12/17/20 23:25	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			12/17/20 23:25	1
Acetone	ND		10	3.0	ug/L			12/17/20 23:25	1
Benzene	ND		1.0	0.41	ug/L			12/17/20 23:25	1
Bromodichloromethane	ND		1.0	0.39	ug/L			12/17/20 23:25	1
Bromoform	ND		1.0	0.26	ug/L			12/17/20 23:25	1
Bromomethane	ND		1.0	0.69	ug/L			12/17/20 23:25	1
Carbon disulfide	ND		1.0	0.19	ug/L			12/17/20 23:25	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			12/17/20 23:25	1
Chlorobenzene	ND		1.0	0.75	ug/L			12/17/20 23:25	1
Dibromochloromethane	ND		1.0	0.32	ug/L			12/17/20 23:25	1
Chloroethane	ND		1.0	0.32	ug/L			12/17/20 23:25	1
Chloroform	ND		1.0	0.34	ug/L			12/17/20 23:25	1
Chloromethane	ND		1.0	0.35	ug/L			12/17/20 23:25	1

Euofins TestAmerica, Buffalo

Client Sample Results

Client: O'Brien & Gere Inc of North America
Project/Site: Forest Glen Monitoring

Job ID: 480-179497-1

Client Sample ID: MW-6D 121520

Lab Sample ID: 480-179497-3

Date Collected: 12/15/20 10:00

Matrix: Water

Date Received: 12/17/20 13:25

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			12/17/20 23:25	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			12/17/20 23:25	1
Cyclohexane	ND		1.0	0.18	ug/L			12/17/20 23:25	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			12/17/20 23:25	1
Ethylbenzene	ND		1.0	0.74	ug/L			12/17/20 23:25	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			12/17/20 23:25	1
Isopropylbenzene	ND		1.0	0.79	ug/L			12/17/20 23:25	1
Methyl acetate	ND		2.5	1.3	ug/L			12/17/20 23:25	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			12/17/20 23:25	1
Methylcyclohexane	ND		1.0	0.16	ug/L			12/17/20 23:25	1
Methylene Chloride	ND		1.0	0.44	ug/L			12/17/20 23:25	1
Styrene	ND		1.0	0.73	ug/L			12/17/20 23:25	1
Tetrachloroethene	ND		1.0	0.36	ug/L			12/17/20 23:25	1
Toluene	ND		1.0	0.51	ug/L			12/17/20 23:25	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			12/17/20 23:25	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			12/17/20 23:25	1
Trichloroethene	ND		1.0	0.46	ug/L			12/17/20 23:25	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			12/17/20 23:25	1
Vinyl chloride	ND		1.0	0.90	ug/L			12/17/20 23:25	1
Xylenes, Total	ND		2.0	0.66	ug/L			12/17/20 23:25	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	101		80 - 120		12/17/20 23:25	1
1,2-Dichloroethane-d4 (Surr)	104		77 - 120		12/17/20 23:25	1
4-Bromofluorobenzene (Surr)	103		73 - 120		12/17/20 23:25	1
Dibromofluoromethane (Surr)	105		75 - 123		12/17/20 23:25	1

Client Sample ID: MW-10D 121520

Lab Sample ID: 480-179497-4

Date Collected: 12/15/20 10:38

Matrix: Water

Date Received: 12/17/20 13:25

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			12/17/20 23:48	1
1,1,1,2-Tetrachloroethane	ND		1.0	0.21	ug/L			12/17/20 23:48	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			12/17/20 23:48	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			12/17/20 23:48	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			12/17/20 23:48	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			12/17/20 23:48	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			12/17/20 23:48	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			12/17/20 23:48	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			12/17/20 23:48	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			12/17/20 23:48	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			12/17/20 23:48	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			12/17/20 23:48	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			12/17/20 23:48	1
2-Butanone (MEK)	ND		10	1.3	ug/L			12/17/20 23:48	1
2-Hexanone	ND		5.0	1.2	ug/L			12/17/20 23:48	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			12/17/20 23:48	1
Acetone	ND		10	3.0	ug/L			12/17/20 23:48	1

Eurolins TestAmerica, Buffalo

Client Sample Results

Client: O'Brien & Gere Inc of North America
Project/Site: Forest Glen Monitoring

Job ID: 480-179497-1

Client Sample ID: MW-10D 121520

Lab Sample ID: 480-179497-4

Date Collected: 12/15/20 10:38

Matrix: Water

Date Received: 12/17/20 13:25

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		1.0	0.41	ug/L			12/17/20 23:48	1
Bromodichloromethane	ND		1.0	0.39	ug/L			12/17/20 23:48	1
Bromoform	ND		1.0	0.26	ug/L			12/17/20 23:48	1
Bromomethane	ND		1.0	0.69	ug/L			12/17/20 23:48	1
Carbon disulfide	ND		1.0	0.19	ug/L			12/17/20 23:48	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			12/17/20 23:48	1
Chlorobenzene	ND		1.0	0.75	ug/L			12/17/20 23:48	1
Dibromochloromethane	ND		1.0	0.32	ug/L			12/17/20 23:48	1
Chloroethane	ND		1.0	0.32	ug/L			12/17/20 23:48	1
Chloroform	ND		1.0	0.34	ug/L			12/17/20 23:48	1
Chloromethane	ND		1.0	0.35	ug/L			12/17/20 23:48	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			12/17/20 23:48	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			12/17/20 23:48	1
Cyclohexane	ND		1.0	0.18	ug/L			12/17/20 23:48	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			12/17/20 23:48	1
Ethylbenzene	ND		1.0	0.74	ug/L			12/17/20 23:48	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			12/17/20 23:48	1
Isopropylbenzene	ND		1.0	0.79	ug/L			12/17/20 23:48	1
Methyl acetate	ND		2.5	1.3	ug/L			12/17/20 23:48	1
Methyl tert-butyl ether	0.25	J	1.0	0.16	ug/L			12/17/20 23:48	1
Methylcyclohexane	ND		1.0	0.16	ug/L			12/17/20 23:48	1
Methylene Chloride	ND		1.0	0.44	ug/L			12/17/20 23:48	1
Styrene	ND		1.0	0.73	ug/L			12/17/20 23:48	1
Tetrachloroethene	ND		1.0	0.36	ug/L			12/17/20 23:48	1
Toluene	ND		1.0	0.51	ug/L			12/17/20 23:48	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			12/17/20 23:48	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			12/17/20 23:48	1
Trichloroethene	ND		1.0	0.46	ug/L			12/17/20 23:48	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			12/17/20 23:48	1
Vinyl chloride	ND		1.0	0.90	ug/L			12/17/20 23:48	1
Xylenes, Total	ND		2.0	0.66	ug/L			12/17/20 23:48	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
<i>Toluene-d8 (Surr)</i>	100		80 - 120		12/17/20 23:48	1
<i>1,2-Dichloroethane-d4 (Surr)</i>	103		77 - 120		12/17/20 23:48	1
<i>4-Bromofluorobenzene (Surr)</i>	102		73 - 120		12/17/20 23:48	1
<i>Dibromofluoromethane (Surr)</i>	104		75 - 123		12/17/20 23:48	1

Client Sample ID: MW-6S 121520

Lab Sample ID: 480-179497-5

Date Collected: 12/15/20 11:10

Matrix: Water

Date Received: 12/17/20 13:25

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			12/18/20 00:11	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			12/18/20 00:11	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			12/18/20 00:11	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			12/18/20 00:11	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			12/18/20 00:11	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			12/18/20 00:11	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: O'Brien & Gere Inc of North America
Project/Site: Forest Glen Monitoring

Job ID: 480-179497-1

Client Sample ID: MW-6S 121520

Lab Sample ID: 480-179497-5

Date Collected: 12/15/20 11:10

Matrix: Water

Date Received: 12/17/20 13:25

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			12/18/20 00:11	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			12/18/20 00:11	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			12/18/20 00:11	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			12/18/20 00:11	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			12/18/20 00:11	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			12/18/20 00:11	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			12/18/20 00:11	1
2-Butanone (MEK)	ND		10	1.3	ug/L			12/18/20 00:11	1
2-Hexanone	ND		5.0	1.2	ug/L			12/18/20 00:11	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			12/18/20 00:11	1
Acetone	ND		10	3.0	ug/L			12/18/20 00:11	1
Benzene	ND		1.0	0.41	ug/L			12/18/20 00:11	1
Bromodichloromethane	ND		1.0	0.39	ug/L			12/18/20 00:11	1
Bromoform	ND		1.0	0.26	ug/L			12/18/20 00:11	1
Bromomethane	ND		1.0	0.69	ug/L			12/18/20 00:11	1
Carbon disulfide	ND		1.0	0.19	ug/L			12/18/20 00:11	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			12/18/20 00:11	1
Chlorobenzene	ND		1.0	0.75	ug/L			12/18/20 00:11	1
Dibromochloromethane	ND		1.0	0.32	ug/L			12/18/20 00:11	1
Chloroethane	ND		1.0	0.32	ug/L			12/18/20 00:11	1
Chloroform	ND		1.0	0.34	ug/L			12/18/20 00:11	1
Chloromethane	ND		1.0	0.35	ug/L			12/18/20 00:11	1
cis-1,2-Dichloroethene	5.8		1.0	0.81	ug/L			12/18/20 00:11	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			12/18/20 00:11	1
Cyclohexane	ND		1.0	0.18	ug/L			12/18/20 00:11	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			12/18/20 00:11	1
Ethylbenzene	ND		1.0	0.74	ug/L			12/18/20 00:11	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			12/18/20 00:11	1
Isopropylbenzene	ND		1.0	0.79	ug/L			12/18/20 00:11	1
Methyl acetate	ND		2.5	1.3	ug/L			12/18/20 00:11	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			12/18/20 00:11	1
Methylcyclohexane	ND		1.0	0.16	ug/L			12/18/20 00:11	1
Methylene Chloride	ND		1.0	0.44	ug/L			12/18/20 00:11	1
Styrene	ND		1.0	0.73	ug/L			12/18/20 00:11	1
Tetrachloroethene	ND		1.0	0.36	ug/L			12/18/20 00:11	1
Toluene	ND		1.0	0.51	ug/L			12/18/20 00:11	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			12/18/20 00:11	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			12/18/20 00:11	1
Trichloroethene	ND		1.0	0.46	ug/L			12/18/20 00:11	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			12/18/20 00:11	1
Vinyl chloride	ND		1.0	0.90	ug/L			12/18/20 00:11	1
Xylenes, Total	ND		2.0	0.66	ug/L			12/18/20 00:11	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
<i>Toluene-d8 (Surr)</i>	102		80 - 120		12/18/20 00:11	1
<i>1,2-Dichloroethane-d4 (Surr)</i>	104		77 - 120		12/18/20 00:11	1
<i>4-Bromofluorobenzene (Surr)</i>	103		73 - 120		12/18/20 00:11	1
<i>Dibromofluoromethane (Surr)</i>	105		75 - 123		12/18/20 00:11	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: O'Brien & Gere Inc of North America
Project/Site: Forest Glen Monitoring

Job ID: 480-179497-1

Client Sample ID: MW-10S 121520

Lab Sample ID: 480-179497-6

Date Collected: 12/15/20 11:28

Matrix: Water

Date Received: 12/17/20 13:25

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			12/18/20 00:35	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			12/18/20 00:35	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			12/18/20 00:35	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			12/18/20 00:35	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			12/18/20 00:35	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			12/18/20 00:35	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			12/18/20 00:35	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			12/18/20 00:35	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			12/18/20 00:35	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			12/18/20 00:35	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			12/18/20 00:35	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			12/18/20 00:35	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			12/18/20 00:35	1
2-Butanone (MEK)	ND		10	1.3	ug/L			12/18/20 00:35	1
2-Hexanone	ND		5.0	1.2	ug/L			12/18/20 00:35	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			12/18/20 00:35	1
Acetone	ND		10	3.0	ug/L			12/18/20 00:35	1
Benzene	ND		1.0	0.41	ug/L			12/18/20 00:35	1
Bromodichloromethane	ND		1.0	0.39	ug/L			12/18/20 00:35	1
Bromoform	ND		1.0	0.26	ug/L			12/18/20 00:35	1
Bromomethane	ND		1.0	0.69	ug/L			12/18/20 00:35	1
Carbon disulfide	ND		1.0	0.19	ug/L			12/18/20 00:35	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			12/18/20 00:35	1
Chlorobenzene	ND		1.0	0.75	ug/L			12/18/20 00:35	1
Dibromochloromethane	ND		1.0	0.32	ug/L			12/18/20 00:35	1
Chloroethane	ND		1.0	0.32	ug/L			12/18/20 00:35	1
Chloroform	ND		1.0	0.34	ug/L			12/18/20 00:35	1
Chloromethane	ND		1.0	0.35	ug/L			12/18/20 00:35	1
cis-1,2-Dichloroethene	44		1.0	0.81	ug/L			12/18/20 00:35	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			12/18/20 00:35	1
Cyclohexane	ND		1.0	0.18	ug/L			12/18/20 00:35	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			12/18/20 00:35	1
Ethylbenzene	ND		1.0	0.74	ug/L			12/18/20 00:35	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			12/18/20 00:35	1
Isopropylbenzene	ND		1.0	0.79	ug/L			12/18/20 00:35	1
Methyl acetate	ND		2.5	1.3	ug/L			12/18/20 00:35	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			12/18/20 00:35	1
Methylcyclohexane	ND		1.0	0.16	ug/L			12/18/20 00:35	1
Methylene Chloride	ND		1.0	0.44	ug/L			12/18/20 00:35	1
Styrene	ND		1.0	0.73	ug/L			12/18/20 00:35	1
Tetrachloroethene	ND		1.0	0.36	ug/L			12/18/20 00:35	1
Toluene	ND		1.0	0.51	ug/L			12/18/20 00:35	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			12/18/20 00:35	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			12/18/20 00:35	1
Trichloroethene	ND		1.0	0.46	ug/L			12/18/20 00:35	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			12/18/20 00:35	1
Vinyl chloride	5.7		1.0	0.90	ug/L			12/18/20 00:35	1
Xylenes, Total	ND		2.0	0.66	ug/L			12/18/20 00:35	1

Euofins TestAmerica, Buffalo

Client Sample Results

Client: O'Brien & Gere Inc of North America
Project/Site: Forest Glen Monitoring

Job ID: 480-179497-1

Client Sample ID: MW-10S 121520

Lab Sample ID: 480-179497-6

Date Collected: 12/15/20 11:28

Matrix: Water

Date Received: 12/17/20 13:25

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	101		80 - 120		12/18/20 00:35	1
1,2-Dichloroethane-d4 (Surr)	104		77 - 120		12/18/20 00:35	1
4-Bromofluorobenzene (Surr)	102		73 - 120		12/18/20 00:35	1
Dibromofluoromethane (Surr)	105		75 - 123		12/18/20 00:35	1

Client Sample ID: MW-6DD 121520

Lab Sample ID: 480-179497-7

Date Collected: 12/15/20 12:35

Matrix: Water

Date Received: 12/17/20 13:25

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			12/18/20 00:58	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			12/18/20 00:58	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			12/18/20 00:58	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			12/18/20 00:58	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			12/18/20 00:58	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			12/18/20 00:58	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			12/18/20 00:58	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			12/18/20 00:58	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			12/18/20 00:58	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			12/18/20 00:58	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			12/18/20 00:58	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			12/18/20 00:58	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			12/18/20 00:58	1
2-Butanone (MEK)	ND		10	1.3	ug/L			12/18/20 00:58	1
2-Hexanone	ND		5.0	1.2	ug/L			12/18/20 00:58	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			12/18/20 00:58	1
Acetone	ND		10	3.0	ug/L			12/18/20 00:58	1
Benzene	ND		1.0	0.41	ug/L			12/18/20 00:58	1
Bromodichloromethane	ND		1.0	0.39	ug/L			12/18/20 00:58	1
Bromoform	ND		1.0	0.26	ug/L			12/18/20 00:58	1
Bromomethane	ND		1.0	0.69	ug/L			12/18/20 00:58	1
Carbon disulfide	ND		1.0	0.19	ug/L			12/18/20 00:58	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			12/18/20 00:58	1
Chlorobenzene	ND		1.0	0.75	ug/L			12/18/20 00:58	1
Dibromochloromethane	ND		1.0	0.32	ug/L			12/18/20 00:58	1
Chloroethane	ND		1.0	0.32	ug/L			12/18/20 00:58	1
Chloroform	ND		1.0	0.34	ug/L			12/18/20 00:58	1
Chloromethane	ND		1.0	0.35	ug/L			12/18/20 00:58	1
cis-1,2-Dichloroethene	18		1.0	0.81	ug/L			12/18/20 00:58	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			12/18/20 00:58	1
Cyclohexane	ND		1.0	0.18	ug/L			12/18/20 00:58	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			12/18/20 00:58	1
Ethylbenzene	ND		1.0	0.74	ug/L			12/18/20 00:58	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			12/18/20 00:58	1
Isopropylbenzene	ND		1.0	0.79	ug/L			12/18/20 00:58	1
Methyl acetate	ND		2.5	1.3	ug/L			12/18/20 00:58	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			12/18/20 00:58	1
Methylcyclohexane	ND		1.0	0.16	ug/L			12/18/20 00:58	1
Methylene Chloride	ND		1.0	0.44	ug/L			12/18/20 00:58	1

Eurolins TestAmerica, Buffalo

Client Sample Results

Client: O'Brien & Gere Inc of North America
Project/Site: Forest Glen Monitoring

Job ID: 480-179497-1

Client Sample ID: MW-6DD 121520

Lab Sample ID: 480-179497-7

Date Collected: 12/15/20 12:35

Matrix: Water

Date Received: 12/17/20 13:25

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	ND		1.0	0.73	ug/L			12/18/20 00:58	1
Tetrachloroethene	ND		1.0	0.36	ug/L			12/18/20 00:58	1
Toluene	ND		1.0	0.51	ug/L			12/18/20 00:58	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			12/18/20 00:58	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			12/18/20 00:58	1
Trichloroethene	ND		1.0	0.46	ug/L			12/18/20 00:58	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			12/18/20 00:58	1
Vinyl chloride	1.6		1.0	0.90	ug/L			12/18/20 00:58	1
Xylenes, Total	ND		2.0	0.66	ug/L			12/18/20 00:58	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
<i>Toluene-d8 (Surr)</i>	101		80 - 120		12/18/20 00:58	1
<i>1,2-Dichloroethane-d4 (Surr)</i>	102		77 - 120		12/18/20 00:58	1
<i>4-Bromofluorobenzene (Surr)</i>	104		73 - 120		12/18/20 00:58	1
<i>Dibromofluoromethane (Surr)</i>	105		75 - 123		12/18/20 00:58	1

Client Sample ID: MW-5D 121520

Lab Sample ID: 480-179497-8

Date Collected: 12/15/20 12:44

Matrix: Water

Date Received: 12/17/20 13:25

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			12/18/20 01:21	1
1,1,1,2-Tetrachloroethane	ND		1.0	0.21	ug/L			12/18/20 01:21	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			12/18/20 01:21	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			12/18/20 01:21	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			12/18/20 01:21	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			12/18/20 01:21	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			12/18/20 01:21	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			12/18/20 01:21	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			12/18/20 01:21	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			12/18/20 01:21	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			12/18/20 01:21	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			12/18/20 01:21	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			12/18/20 01:21	1
2-Butanone (MEK)	ND		10	1.3	ug/L			12/18/20 01:21	1
2-Hexanone	ND		5.0	1.2	ug/L			12/18/20 01:21	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			12/18/20 01:21	1
Acetone	ND		10	3.0	ug/L			12/18/20 01:21	1
Benzene	ND		1.0	0.41	ug/L			12/18/20 01:21	1
Bromodichloromethane	ND		1.0	0.39	ug/L			12/18/20 01:21	1
Bromoform	ND		1.0	0.26	ug/L			12/18/20 01:21	1
Bromomethane	ND		1.0	0.69	ug/L			12/18/20 01:21	1
Carbon disulfide	ND		1.0	0.19	ug/L			12/18/20 01:21	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			12/18/20 01:21	1
Chlorobenzene	ND		1.0	0.75	ug/L			12/18/20 01:21	1
Dibromochloromethane	ND		1.0	0.32	ug/L			12/18/20 01:21	1
Chloroethane	ND		1.0	0.32	ug/L			12/18/20 01:21	1
Chloroform	ND		1.0	0.34	ug/L			12/18/20 01:21	1
Chloromethane	ND		1.0	0.35	ug/L			12/18/20 01:21	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: O'Brien & Gere Inc of North America
Project/Site: Forest Glen Monitoring

Job ID: 480-179497-1

Client Sample ID: MW-5D 121520

Lab Sample ID: 480-179497-8

Date Collected: 12/15/20 12:44

Matrix: Water

Date Received: 12/17/20 13:25

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			12/18/20 01:21	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			12/18/20 01:21	1
Cyclohexane	ND		1.0	0.18	ug/L			12/18/20 01:21	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			12/18/20 01:21	1
Ethylbenzene	ND		1.0	0.74	ug/L			12/18/20 01:21	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			12/18/20 01:21	1
Isopropylbenzene	ND		1.0	0.79	ug/L			12/18/20 01:21	1
Methyl acetate	ND		2.5	1.3	ug/L			12/18/20 01:21	1
Methyl tert-butyl ether	0.32	J	1.0	0.16	ug/L			12/18/20 01:21	1
Methylcyclohexane	ND		1.0	0.16	ug/L			12/18/20 01:21	1
Methylene Chloride	ND		1.0	0.44	ug/L			12/18/20 01:21	1
Styrene	ND		1.0	0.73	ug/L			12/18/20 01:21	1
Tetrachloroethene	ND		1.0	0.36	ug/L			12/18/20 01:21	1
Toluene	ND		1.0	0.51	ug/L			12/18/20 01:21	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			12/18/20 01:21	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			12/18/20 01:21	1
Trichloroethene	ND		1.0	0.46	ug/L			12/18/20 01:21	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			12/18/20 01:21	1
Vinyl chloride	ND		1.0	0.90	ug/L			12/18/20 01:21	1
Xylenes, Total	ND		2.0	0.66	ug/L			12/18/20 01:21	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
<i>Toluene-d8 (Surr)</i>	101		80 - 120		12/18/20 01:21	1
<i>1,2-Dichloroethane-d4 (Surr)</i>	101		77 - 120		12/18/20 01:21	1
<i>4-Bromofluorobenzene (Surr)</i>	103		73 - 120		12/18/20 01:21	1
<i>Dibromofluoromethane (Surr)</i>	104		75 - 123		12/18/20 01:21	1

Client Sample ID: X-1 121520

Lab Sample ID: 480-179497-9

Date Collected: 12/15/20 00:00

Matrix: Water

Date Received: 12/17/20 13:25

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			12/18/20 01:44	1
1,1,1,2-Tetrachloroethane	ND		1.0	0.21	ug/L			12/18/20 01:44	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			12/18/20 01:44	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			12/18/20 01:44	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			12/18/20 01:44	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			12/18/20 01:44	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			12/18/20 01:44	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			12/18/20 01:44	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			12/18/20 01:44	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			12/18/20 01:44	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			12/18/20 01:44	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			12/18/20 01:44	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			12/18/20 01:44	1
2-Butanone (MEK)	ND		10	1.3	ug/L			12/18/20 01:44	1
2-Hexanone	ND		5.0	1.2	ug/L			12/18/20 01:44	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			12/18/20 01:44	1
Acetone	ND		10	3.0	ug/L			12/18/20 01:44	1

Eurolins TestAmerica, Buffalo

Client Sample Results

Client: O'Brien & Gere Inc of North America
Project/Site: Forest Glen Monitoring

Job ID: 480-179497-1

Client Sample ID: X-1 121520

Lab Sample ID: 480-179497-9

Date Collected: 12/15/20 00:00

Matrix: Water

Date Received: 12/17/20 13:25

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		1.0	0.41	ug/L			12/18/20 01:44	1
Bromodichloromethane	ND		1.0	0.39	ug/L			12/18/20 01:44	1
Bromoform	ND		1.0	0.26	ug/L			12/18/20 01:44	1
Bromomethane	ND		1.0	0.69	ug/L			12/18/20 01:44	1
Carbon disulfide	ND		1.0	0.19	ug/L			12/18/20 01:44	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			12/18/20 01:44	1
Chlorobenzene	ND		1.0	0.75	ug/L			12/18/20 01:44	1
Dibromochloromethane	ND		1.0	0.32	ug/L			12/18/20 01:44	1
Chloroethane	ND		1.0	0.32	ug/L			12/18/20 01:44	1
Chloroform	ND		1.0	0.34	ug/L			12/18/20 01:44	1
Chloromethane	ND		1.0	0.35	ug/L			12/18/20 01:44	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			12/18/20 01:44	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			12/18/20 01:44	1
Cyclohexane	ND		1.0	0.18	ug/L			12/18/20 01:44	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			12/18/20 01:44	1
Ethylbenzene	ND		1.0	0.74	ug/L			12/18/20 01:44	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			12/18/20 01:44	1
Isopropylbenzene	ND		1.0	0.79	ug/L			12/18/20 01:44	1
Methyl acetate	ND		2.5	1.3	ug/L			12/18/20 01:44	1
Methyl tert-butyl ether	0.24	J	1.0	0.16	ug/L			12/18/20 01:44	1
Methylcyclohexane	ND		1.0	0.16	ug/L			12/18/20 01:44	1
Methylene Chloride	ND		1.0	0.44	ug/L			12/18/20 01:44	1
Styrene	ND		1.0	0.73	ug/L			12/18/20 01:44	1
Tetrachloroethene	ND		1.0	0.36	ug/L			12/18/20 01:44	1
Toluene	ND		1.0	0.51	ug/L			12/18/20 01:44	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			12/18/20 01:44	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			12/18/20 01:44	1
Trichloroethene	ND		1.0	0.46	ug/L			12/18/20 01:44	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			12/18/20 01:44	1
Vinyl chloride	ND		1.0	0.90	ug/L			12/18/20 01:44	1
Xylenes, Total	ND		2.0	0.66	ug/L			12/18/20 01:44	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
<i>Toluene-d8 (Surr)</i>	102		80 - 120		12/18/20 01:44	1
<i>1,2-Dichloroethane-d4 (Surr)</i>	104		77 - 120		12/18/20 01:44	1
<i>4-Bromofluorobenzene (Surr)</i>	103		73 - 120		12/18/20 01:44	1
<i>Dibromofluoromethane (Surr)</i>	106		75 - 123		12/18/20 01:44	1

Client Sample ID: MW-4D 121520

Lab Sample ID: 480-179497-10

Date Collected: 12/15/20 14:30

Matrix: Water

Date Received: 12/17/20 13:25

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			12/18/20 02:08	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			12/18/20 02:08	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			12/18/20 02:08	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			12/18/20 02:08	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			12/18/20 02:08	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			12/18/20 02:08	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: O'Brien & Gere Inc of North America
Project/Site: Forest Glen Monitoring

Job ID: 480-179497-1

Client Sample ID: MW-4D 121520

Lab Sample ID: 480-179497-10

Date Collected: 12/15/20 14:30

Matrix: Water

Date Received: 12/17/20 13:25

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			12/18/20 02:08	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			12/18/20 02:08	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			12/18/20 02:08	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			12/18/20 02:08	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			12/18/20 02:08	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			12/18/20 02:08	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			12/18/20 02:08	1
2-Butanone (MEK)	ND		10	1.3	ug/L			12/18/20 02:08	1
2-Hexanone	ND		5.0	1.2	ug/L			12/18/20 02:08	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			12/18/20 02:08	1
Acetone	ND		10	3.0	ug/L			12/18/20 02:08	1
Benzene	ND		1.0	0.41	ug/L			12/18/20 02:08	1
Bromodichloromethane	ND		1.0	0.39	ug/L			12/18/20 02:08	1
Bromoform	ND		1.0	0.26	ug/L			12/18/20 02:08	1
Bromomethane	ND		1.0	0.69	ug/L			12/18/20 02:08	1
Carbon disulfide	ND		1.0	0.19	ug/L			12/18/20 02:08	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			12/18/20 02:08	1
Chlorobenzene	ND		1.0	0.75	ug/L			12/18/20 02:08	1
Dibromochloromethane	ND		1.0	0.32	ug/L			12/18/20 02:08	1
Chloroethane	ND		1.0	0.32	ug/L			12/18/20 02:08	1
Chloroform	ND		1.0	0.34	ug/L			12/18/20 02:08	1
Chloromethane	ND		1.0	0.35	ug/L			12/18/20 02:08	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			12/18/20 02:08	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			12/18/20 02:08	1
Cyclohexane	ND		1.0	0.18	ug/L			12/18/20 02:08	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			12/18/20 02:08	1
Ethylbenzene	ND		1.0	0.74	ug/L			12/18/20 02:08	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			12/18/20 02:08	1
Isopropylbenzene	ND		1.0	0.79	ug/L			12/18/20 02:08	1
Methyl acetate	ND		2.5	1.3	ug/L			12/18/20 02:08	1
Methyl tert-butyl ether	0.35	J	1.0	0.16	ug/L			12/18/20 02:08	1
Methylcyclohexane	ND		1.0	0.16	ug/L			12/18/20 02:08	1
Methylene Chloride	ND		1.0	0.44	ug/L			12/18/20 02:08	1
Styrene	ND		1.0	0.73	ug/L			12/18/20 02:08	1
Tetrachloroethene	ND		1.0	0.36	ug/L			12/18/20 02:08	1
Toluene	ND		1.0	0.51	ug/L			12/18/20 02:08	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			12/18/20 02:08	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			12/18/20 02:08	1
Trichloroethene	ND		1.0	0.46	ug/L			12/18/20 02:08	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			12/18/20 02:08	1
Vinyl chloride	ND		1.0	0.90	ug/L			12/18/20 02:08	1
Xylenes, Total	ND		2.0	0.66	ug/L			12/18/20 02:08	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	102		80 - 120		12/18/20 02:08	1
1,2-Dichloroethane-d4 (Surr)	102		77 - 120		12/18/20 02:08	1
4-Bromofluorobenzene (Surr)	104		73 - 120		12/18/20 02:08	1
Dibromofluoromethane (Surr)	104		75 - 123		12/18/20 02:08	1

Eurolins TestAmerica, Buffalo

Client Sample Results

Client: O'Brien & Gere Inc of North America
 Project/Site: Forest Glen Monitoring

Job ID: 480-179497-1

Client Sample ID: MW-5S 121520

Lab Sample ID: 480-179497-11

Date Collected: 12/15/20 15:15

Matrix: Water

Date Received: 12/17/20 13:25

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	7.9		1.0	0.82	ug/L			12/18/20 02:31	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			12/18/20 02:31	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			12/18/20 02:31	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			12/18/20 02:31	1
1,1-Dichloroethane	6.6		1.0	0.38	ug/L			12/18/20 02:31	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			12/18/20 02:31	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			12/18/20 02:31	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			12/18/20 02:31	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			12/18/20 02:31	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			12/18/20 02:31	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			12/18/20 02:31	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			12/18/20 02:31	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			12/18/20 02:31	1
2-Butanone (MEK)	ND		10	1.3	ug/L			12/18/20 02:31	1
2-Hexanone	ND		5.0	1.2	ug/L			12/18/20 02:31	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			12/18/20 02:31	1
Acetone	ND		10	3.0	ug/L			12/18/20 02:31	1
Benzene	ND		1.0	0.41	ug/L			12/18/20 02:31	1
Bromodichloromethane	ND		1.0	0.39	ug/L			12/18/20 02:31	1
Bromoform	ND		1.0	0.26	ug/L			12/18/20 02:31	1
Bromomethane	ND		1.0	0.69	ug/L			12/18/20 02:31	1
Carbon disulfide	ND		1.0	0.19	ug/L			12/18/20 02:31	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			12/18/20 02:31	1
Chlorobenzene	ND		1.0	0.75	ug/L			12/18/20 02:31	1
Dibromochloromethane	ND		1.0	0.32	ug/L			12/18/20 02:31	1
Chloroethane	ND		1.0	0.32	ug/L			12/18/20 02:31	1
Chloroform	ND		1.0	0.34	ug/L			12/18/20 02:31	1
Chloromethane	ND		1.0	0.35	ug/L			12/18/20 02:31	1
cis-1,2-Dichloroethene	50		1.0	0.81	ug/L			12/18/20 02:31	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			12/18/20 02:31	1
Cyclohexane	ND		1.0	0.18	ug/L			12/18/20 02:31	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			12/18/20 02:31	1
Ethylbenzene	ND		1.0	0.74	ug/L			12/18/20 02:31	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			12/18/20 02:31	1
Isopropylbenzene	ND		1.0	0.79	ug/L			12/18/20 02:31	1
Methyl acetate	ND		2.5	1.3	ug/L			12/18/20 02:31	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			12/18/20 02:31	1
Methylcyclohexane	ND		1.0	0.16	ug/L			12/18/20 02:31	1
Methylene Chloride	ND		1.0	0.44	ug/L			12/18/20 02:31	1
Styrene	ND		1.0	0.73	ug/L			12/18/20 02:31	1
Tetrachloroethene	ND		1.0	0.36	ug/L			12/18/20 02:31	1
Toluene	ND		1.0	0.51	ug/L			12/18/20 02:31	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			12/18/20 02:31	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			12/18/20 02:31	1
Trichloroethene	25		1.0	0.46	ug/L			12/18/20 02:31	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			12/18/20 02:31	1
Vinyl chloride	ND		1.0	0.90	ug/L			12/18/20 02:31	1
Xylenes, Total	ND		2.0	0.66	ug/L			12/18/20 02:31	1

Client Sample Results

Client: O'Brien & Gere Inc of North America
Project/Site: Forest Glen Monitoring

Job ID: 480-179497-1

Client Sample ID: MW-5S 121520

Lab Sample ID: 480-179497-11

Date Collected: 12/15/20 15:15

Matrix: Water

Date Received: 12/17/20 13:25

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	99		80 - 120		12/18/20 02:31	1
1,2-Dichloroethane-d4 (Surr)	104		77 - 120		12/18/20 02:31	1
4-Bromofluorobenzene (Surr)	102		73 - 120		12/18/20 02:31	1
Dibromofluoromethane (Surr)	106		75 - 123		12/18/20 02:31	1

Client Sample ID: MW-7DD 121620

Lab Sample ID: 480-179497-12

Date Collected: 12/15/20 09:48

Matrix: Water

Date Received: 12/17/20 13:25

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			12/18/20 02:54	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			12/18/20 02:54	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			12/18/20 02:54	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			12/18/20 02:54	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			12/18/20 02:54	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			12/18/20 02:54	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			12/18/20 02:54	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			12/18/20 02:54	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			12/18/20 02:54	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			12/18/20 02:54	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			12/18/20 02:54	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			12/18/20 02:54	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			12/18/20 02:54	1
2-Butanone (MEK)	ND		10	1.3	ug/L			12/18/20 02:54	1
2-Hexanone	ND		5.0	1.2	ug/L			12/18/20 02:54	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			12/18/20 02:54	1
Acetone	ND		10	3.0	ug/L			12/18/20 02:54	1
Benzene	ND		1.0	0.41	ug/L			12/18/20 02:54	1
Bromodichloromethane	ND		1.0	0.39	ug/L			12/18/20 02:54	1
Bromoform	ND		1.0	0.26	ug/L			12/18/20 02:54	1
Bromomethane	ND		1.0	0.69	ug/L			12/18/20 02:54	1
Carbon disulfide	ND		1.0	0.19	ug/L			12/18/20 02:54	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			12/18/20 02:54	1
Chlorobenzene	ND		1.0	0.75	ug/L			12/18/20 02:54	1
Dibromochloromethane	ND		1.0	0.32	ug/L			12/18/20 02:54	1
Chloroethane	ND		1.0	0.32	ug/L			12/18/20 02:54	1
Chloroform	ND		1.0	0.34	ug/L			12/18/20 02:54	1
Chloromethane	ND		1.0	0.35	ug/L			12/18/20 02:54	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			12/18/20 02:54	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			12/18/20 02:54	1
Cyclohexane	ND		1.0	0.18	ug/L			12/18/20 02:54	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			12/18/20 02:54	1
Ethylbenzene	ND		1.0	0.74	ug/L			12/18/20 02:54	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			12/18/20 02:54	1
Isopropylbenzene	ND		1.0	0.79	ug/L			12/18/20 02:54	1
Methyl acetate	ND		2.5	1.3	ug/L			12/18/20 02:54	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			12/18/20 02:54	1
Methylcyclohexane	ND		1.0	0.16	ug/L			12/18/20 02:54	1
Methylene Chloride	ND		1.0	0.44	ug/L			12/18/20 02:54	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: O'Brien & Gere Inc of North America
 Project/Site: Forest Glen Monitoring

Job ID: 480-179497-1

Client Sample ID: MW-7DD 121620

Lab Sample ID: 480-179497-12

Date Collected: 12/15/20 09:48

Matrix: Water

Date Received: 12/17/20 13:25

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	ND		1.0	0.73	ug/L			12/18/20 02:54	1
Tetrachloroethene	ND		1.0	0.36	ug/L			12/18/20 02:54	1
Toluene	ND		1.0	0.51	ug/L			12/18/20 02:54	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			12/18/20 02:54	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			12/18/20 02:54	1
Trichloroethene	ND		1.0	0.46	ug/L			12/18/20 02:54	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			12/18/20 02:54	1
Vinyl chloride	ND		1.0	0.90	ug/L			12/18/20 02:54	1
Xylenes, Total	ND		2.0	0.66	ug/L			12/18/20 02:54	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	101		80 - 120					12/18/20 02:54	1
1,2-Dichloroethane-d4 (Surr)	103		77 - 120					12/18/20 02:54	1
4-Bromofluorobenzene (Surr)	105		73 - 120					12/18/20 02:54	1
Dibromofluoromethane (Surr)	105		75 - 123					12/18/20 02:54	1

Client Sample ID: MW-8DD 121620

Lab Sample ID: 480-179497-13

Date Collected: 12/15/20 10:20

Matrix: Water

Date Received: 12/17/20 13:25

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			12/18/20 03:17	1
1,1,1,2-Tetrachloroethane	ND		1.0	0.21	ug/L			12/18/20 03:17	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			12/18/20 03:17	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			12/18/20 03:17	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			12/18/20 03:17	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			12/18/20 03:17	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			12/18/20 03:17	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			12/18/20 03:17	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			12/18/20 03:17	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			12/18/20 03:17	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			12/18/20 03:17	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			12/18/20 03:17	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			12/18/20 03:17	1
2-Butanone (MEK)	ND		10	1.3	ug/L			12/18/20 03:17	1
2-Hexanone	ND		5.0	1.2	ug/L			12/18/20 03:17	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			12/18/20 03:17	1
Acetone	ND		10	3.0	ug/L			12/18/20 03:17	1
Benzene	ND		1.0	0.41	ug/L			12/18/20 03:17	1
Bromodichloromethane	ND		1.0	0.39	ug/L			12/18/20 03:17	1
Bromoform	ND		1.0	0.26	ug/L			12/18/20 03:17	1
Bromomethane	ND		1.0	0.69	ug/L			12/18/20 03:17	1
Carbon disulfide	ND		1.0	0.19	ug/L			12/18/20 03:17	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			12/18/20 03:17	1
Chlorobenzene	ND		1.0	0.75	ug/L			12/18/20 03:17	1
Dibromochloromethane	ND		1.0	0.32	ug/L			12/18/20 03:17	1
Chloroethane	ND		1.0	0.32	ug/L			12/18/20 03:17	1
Chloroform	ND		1.0	0.34	ug/L			12/18/20 03:17	1
Chloromethane	ND		1.0	0.35	ug/L			12/18/20 03:17	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: O'Brien & Gere Inc of North America
Project/Site: Forest Glen Monitoring

Job ID: 480-179497-1

Client Sample ID: MW-8DD 121620

Lab Sample ID: 480-179497-13

Date Collected: 12/15/20 10:20

Matrix: Water

Date Received: 12/17/20 13:25

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			12/18/20 03:17	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			12/18/20 03:17	1
Cyclohexane	ND		1.0	0.18	ug/L			12/18/20 03:17	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			12/18/20 03:17	1
Ethylbenzene	ND		1.0	0.74	ug/L			12/18/20 03:17	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			12/18/20 03:17	1
Isopropylbenzene	ND		1.0	0.79	ug/L			12/18/20 03:17	1
Methyl acetate	ND		2.5	1.3	ug/L			12/18/20 03:17	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			12/18/20 03:17	1
Methylcyclohexane	ND		1.0	0.16	ug/L			12/18/20 03:17	1
Methylene Chloride	ND		1.0	0.44	ug/L			12/18/20 03:17	1
Styrene	ND		1.0	0.73	ug/L			12/18/20 03:17	1
Tetrachloroethene	ND		1.0	0.36	ug/L			12/18/20 03:17	1
Toluene	ND		1.0	0.51	ug/L			12/18/20 03:17	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			12/18/20 03:17	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			12/18/20 03:17	1
Trichloroethene	ND		1.0	0.46	ug/L			12/18/20 03:17	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			12/18/20 03:17	1
Vinyl chloride	ND		1.0	0.90	ug/L			12/18/20 03:17	1
Xylenes, Total	ND		2.0	0.66	ug/L			12/18/20 03:17	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	101		80 - 120		12/18/20 03:17	1
1,2-Dichloroethane-d4 (Surr)	103		77 - 120		12/18/20 03:17	1
4-Bromofluorobenzene (Surr)	102		73 - 120		12/18/20 03:17	1
Dibromofluoromethane (Surr)	104		75 - 123		12/18/20 03:17	1

Client Sample ID: MW-7S 121620

Lab Sample ID: 480-179497-14

Date Collected: 12/15/20 11:00

Matrix: Water

Date Received: 12/17/20 13:25

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			12/18/20 03:40	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			12/18/20 03:40	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			12/18/20 03:40	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			12/18/20 03:40	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			12/18/20 03:40	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			12/18/20 03:40	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			12/18/20 03:40	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			12/18/20 03:40	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			12/18/20 03:40	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			12/18/20 03:40	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			12/18/20 03:40	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			12/18/20 03:40	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			12/18/20 03:40	1
2-Butanone (MEK)	ND		10	1.3	ug/L			12/18/20 03:40	1
2-Hexanone	ND		5.0	1.2	ug/L			12/18/20 03:40	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			12/18/20 03:40	1
Acetone	ND		10	3.0	ug/L			12/18/20 03:40	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: O'Brien & Gere Inc of North America
Project/Site: Forest Glen Monitoring

Job ID: 480-179497-1

Client Sample ID: MW-7S 121620

Lab Sample ID: 480-179497-14

Date Collected: 12/15/20 11:00

Matrix: Water

Date Received: 12/17/20 13:25

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		1.0	0.41	ug/L			12/18/20 03:40	1
Bromodichloromethane	ND		1.0	0.39	ug/L			12/18/20 03:40	1
Bromoform	ND		1.0	0.26	ug/L			12/18/20 03:40	1
Bromomethane	ND		1.0	0.69	ug/L			12/18/20 03:40	1
Carbon disulfide	ND		1.0	0.19	ug/L			12/18/20 03:40	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			12/18/20 03:40	1
Chlorobenzene	ND		1.0	0.75	ug/L			12/18/20 03:40	1
Dibromochloromethane	ND		1.0	0.32	ug/L			12/18/20 03:40	1
Chloroethane	ND		1.0	0.32	ug/L			12/18/20 03:40	1
Chloroform	ND		1.0	0.34	ug/L			12/18/20 03:40	1
Chloromethane	ND		1.0	0.35	ug/L			12/18/20 03:40	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			12/18/20 03:40	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			12/18/20 03:40	1
Cyclohexane	ND		1.0	0.18	ug/L			12/18/20 03:40	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			12/18/20 03:40	1
Ethylbenzene	ND		1.0	0.74	ug/L			12/18/20 03:40	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			12/18/20 03:40	1
Isopropylbenzene	ND		1.0	0.79	ug/L			12/18/20 03:40	1
Methyl acetate	ND		2.5	1.3	ug/L			12/18/20 03:40	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			12/18/20 03:40	1
Methylcyclohexane	ND		1.0	0.16	ug/L			12/18/20 03:40	1
Methylene Chloride	ND		1.0	0.44	ug/L			12/18/20 03:40	1
Styrene	ND		1.0	0.73	ug/L			12/18/20 03:40	1
Tetrachloroethene	0.46	J	1.0	0.36	ug/L			12/18/20 03:40	1
Toluene	ND		1.0	0.51	ug/L			12/18/20 03:40	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			12/18/20 03:40	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			12/18/20 03:40	1
Trichloroethene	1.3		1.0	0.46	ug/L			12/18/20 03:40	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			12/18/20 03:40	1
Vinyl chloride	ND		1.0	0.90	ug/L			12/18/20 03:40	1
Xylenes, Total	ND		2.0	0.66	ug/L			12/18/20 03:40	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	101		80 - 120		12/18/20 03:40	1
1,2-Dichloroethane-d4 (Surr)	102		77 - 120		12/18/20 03:40	1
4-Bromofluorobenzene (Surr)	101		73 - 120		12/18/20 03:40	1
Dibromofluoromethane (Surr)	105		75 - 123		12/18/20 03:40	1

Client Sample ID: MW-8S 121620

Lab Sample ID: 480-179497-15

Date Collected: 12/15/20 11:20

Matrix: Water

Date Received: 12/17/20 13:25

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			12/18/20 04:03	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			12/18/20 04:03	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			12/18/20 04:03	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			12/18/20 04:03	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			12/18/20 04:03	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			12/18/20 04:03	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: O'Brien & Gere Inc of North America
Project/Site: Forest Glen Monitoring

Job ID: 480-179497-1

Client Sample ID: MW-8S 121620

Lab Sample ID: 480-179497-15

Date Collected: 12/15/20 11:20

Matrix: Water

Date Received: 12/17/20 13:25

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			12/18/20 04:03	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			12/18/20 04:03	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			12/18/20 04:03	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			12/18/20 04:03	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			12/18/20 04:03	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			12/18/20 04:03	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			12/18/20 04:03	1
2-Butanone (MEK)	ND		10	1.3	ug/L			12/18/20 04:03	1
2-Hexanone	ND		5.0	1.2	ug/L			12/18/20 04:03	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			12/18/20 04:03	1
Acetone	ND		10	3.0	ug/L			12/18/20 04:03	1
Benzene	ND		1.0	0.41	ug/L			12/18/20 04:03	1
Bromodichloromethane	ND		1.0	0.39	ug/L			12/18/20 04:03	1
Bromoform	ND		1.0	0.26	ug/L			12/18/20 04:03	1
Bromomethane	ND		1.0	0.69	ug/L			12/18/20 04:03	1
Carbon disulfide	ND		1.0	0.19	ug/L			12/18/20 04:03	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			12/18/20 04:03	1
Chlorobenzene	ND		1.0	0.75	ug/L			12/18/20 04:03	1
Dibromochloromethane	ND		1.0	0.32	ug/L			12/18/20 04:03	1
Chloroethane	ND		1.0	0.32	ug/L			12/18/20 04:03	1
Chloroform	ND		1.0	0.34	ug/L			12/18/20 04:03	1
Chloromethane	ND		1.0	0.35	ug/L			12/18/20 04:03	1
cis-1,2-Dichloroethene	2.4		1.0	0.81	ug/L			12/18/20 04:03	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			12/18/20 04:03	1
Cyclohexane	ND		1.0	0.18	ug/L			12/18/20 04:03	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			12/18/20 04:03	1
Ethylbenzene	ND		1.0	0.74	ug/L			12/18/20 04:03	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			12/18/20 04:03	1
Isopropylbenzene	ND		1.0	0.79	ug/L			12/18/20 04:03	1
Methyl acetate	ND		2.5	1.3	ug/L			12/18/20 04:03	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			12/18/20 04:03	1
Methylcyclohexane	ND		1.0	0.16	ug/L			12/18/20 04:03	1
Methylene Chloride	ND		1.0	0.44	ug/L			12/18/20 04:03	1
Styrene	ND		1.0	0.73	ug/L			12/18/20 04:03	1
Tetrachloroethene	0.41 J		1.0	0.36	ug/L			12/18/20 04:03	1
Toluene	ND		1.0	0.51	ug/L			12/18/20 04:03	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			12/18/20 04:03	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			12/18/20 04:03	1
Trichloroethene	1.9		1.0	0.46	ug/L			12/18/20 04:03	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			12/18/20 04:03	1
Vinyl chloride	ND		1.0	0.90	ug/L			12/18/20 04:03	1
Xylenes, Total	ND		2.0	0.66	ug/L			12/18/20 04:03	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	102		80 - 120		12/18/20 04:03	1
1,2-Dichloroethane-d4 (Surr)	103		77 - 120		12/18/20 04:03	1
4-Bromofluorobenzene (Surr)	103		73 - 120		12/18/20 04:03	1
Dibromofluoromethane (Surr)	105		75 - 123		12/18/20 04:03	1

Euofins TestAmerica, Buffalo

Client Sample Results

Client: O'Brien & Gere Inc of North America
Project/Site: Forest Glen Monitoring

Job ID: 480-179497-1

Client Sample ID: MW-7D 121620

Lab Sample ID: 480-179497-16

Date Collected: 12/15/20 11:55

Matrix: Water

Date Received: 12/17/20 13:25

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			12/18/20 04:27	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			12/18/20 04:27	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			12/18/20 04:27	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			12/18/20 04:27	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			12/18/20 04:27	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			12/18/20 04:27	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			12/18/20 04:27	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			12/18/20 04:27	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			12/18/20 04:27	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			12/18/20 04:27	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			12/18/20 04:27	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			12/18/20 04:27	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			12/18/20 04:27	1
2-Butanone (MEK)	ND		10	1.3	ug/L			12/18/20 04:27	1
2-Hexanone	ND		5.0	1.2	ug/L			12/18/20 04:27	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			12/18/20 04:27	1
Acetone	ND		10	3.0	ug/L			12/18/20 04:27	1
Benzene	ND		1.0	0.41	ug/L			12/18/20 04:27	1
Bromodichloromethane	ND		1.0	0.39	ug/L			12/18/20 04:27	1
Bromoform	ND		1.0	0.26	ug/L			12/18/20 04:27	1
Bromomethane	ND		1.0	0.69	ug/L			12/18/20 04:27	1
Carbon disulfide	ND		1.0	0.19	ug/L			12/18/20 04:27	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			12/18/20 04:27	1
Chlorobenzene	ND		1.0	0.75	ug/L			12/18/20 04:27	1
Dibromochloromethane	ND		1.0	0.32	ug/L			12/18/20 04:27	1
Chloroethane	ND		1.0	0.32	ug/L			12/18/20 04:27	1
Chloroform	ND		1.0	0.34	ug/L			12/18/20 04:27	1
Chloromethane	ND		1.0	0.35	ug/L			12/18/20 04:27	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			12/18/20 04:27	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			12/18/20 04:27	1
Cyclohexane	ND		1.0	0.18	ug/L			12/18/20 04:27	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			12/18/20 04:27	1
Ethylbenzene	ND		1.0	0.74	ug/L			12/18/20 04:27	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			12/18/20 04:27	1
Isopropylbenzene	ND		1.0	0.79	ug/L			12/18/20 04:27	1
Methyl acetate	ND		2.5	1.3	ug/L			12/18/20 04:27	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			12/18/20 04:27	1
Methylcyclohexane	ND		1.0	0.16	ug/L			12/18/20 04:27	1
Methylene Chloride	ND		1.0	0.44	ug/L			12/18/20 04:27	1
Styrene	ND		1.0	0.73	ug/L			12/18/20 04:27	1
Tetrachloroethene	0.49	J	1.0	0.36	ug/L			12/18/20 04:27	1
Toluene	ND		1.0	0.51	ug/L			12/18/20 04:27	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			12/18/20 04:27	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			12/18/20 04:27	1
Trichloroethene	1.4		1.0	0.46	ug/L			12/18/20 04:27	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			12/18/20 04:27	1
Vinyl chloride	ND		1.0	0.90	ug/L			12/18/20 04:27	1
Xylenes, Total	ND		2.0	0.66	ug/L			12/18/20 04:27	1

Client Sample Results

Client: O'Brien & Gere Inc of North America
Project/Site: Forest Glen Monitoring

Job ID: 480-179497-1

Client Sample ID: MW-7D 121620

Lab Sample ID: 480-179497-16

Date Collected: 12/15/20 11:55

Matrix: Water

Date Received: 12/17/20 13:25

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	102		80 - 120		12/18/20 04:27	1
1,2-Dichloroethane-d4 (Surr)	101		77 - 120		12/18/20 04:27	1
4-Bromofluorobenzene (Surr)	103		73 - 120		12/18/20 04:27	1
Dibromofluoromethane (Surr)	103		75 - 123		12/18/20 04:27	1

Client Sample ID: MW-8D 121620

Lab Sample ID: 480-179497-17

Date Collected: 12/15/20 12:20

Matrix: Water

Date Received: 12/17/20 13:25

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			12/18/20 04:50	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			12/18/20 04:50	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			12/18/20 04:50	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			12/18/20 04:50	1
1,1-Dichloroethane	0.78	J	1.0	0.38	ug/L			12/18/20 04:50	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			12/18/20 04:50	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			12/18/20 04:50	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			12/18/20 04:50	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			12/18/20 04:50	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			12/18/20 04:50	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			12/18/20 04:50	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			12/18/20 04:50	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			12/18/20 04:50	1
2-Butanone (MEK)	ND		10	1.3	ug/L			12/18/20 04:50	1
2-Hexanone	ND		5.0	1.2	ug/L			12/18/20 04:50	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			12/18/20 04:50	1
Acetone	ND		10	3.0	ug/L			12/18/20 04:50	1
Benzene	ND		1.0	0.41	ug/L			12/18/20 04:50	1
Bromodichloromethane	ND		1.0	0.39	ug/L			12/18/20 04:50	1
Bromoform	ND		1.0	0.26	ug/L			12/18/20 04:50	1
Bromomethane	ND		1.0	0.69	ug/L			12/18/20 04:50	1
Carbon disulfide	ND		1.0	0.19	ug/L			12/18/20 04:50	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			12/18/20 04:50	1
Chlorobenzene	ND		1.0	0.75	ug/L			12/18/20 04:50	1
Dibromochloromethane	ND		1.0	0.32	ug/L			12/18/20 04:50	1
Chloroethane	ND		1.0	0.32	ug/L			12/18/20 04:50	1
Chloroform	ND		1.0	0.34	ug/L			12/18/20 04:50	1
Chloromethane	ND		1.0	0.35	ug/L			12/18/20 04:50	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			12/18/20 04:50	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			12/18/20 04:50	1
Cyclohexane	ND		1.0	0.18	ug/L			12/18/20 04:50	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			12/18/20 04:50	1
Ethylbenzene	ND		1.0	0.74	ug/L			12/18/20 04:50	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			12/18/20 04:50	1
Isopropylbenzene	ND		1.0	0.79	ug/L			12/18/20 04:50	1
Methyl acetate	ND		2.5	1.3	ug/L			12/18/20 04:50	1
Methyl tert-butyl ether	0.23	J	1.0	0.16	ug/L			12/18/20 04:50	1
Methylcyclohexane	ND		1.0	0.16	ug/L			12/18/20 04:50	1
Methylene Chloride	ND		1.0	0.44	ug/L			12/18/20 04:50	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: O'Brien & Gere Inc of North America
Project/Site: Forest Glen Monitoring

Job ID: 480-179497-1

Client Sample ID: MW-8D 121620

Lab Sample ID: 480-179497-17

Date Collected: 12/15/20 12:20

Matrix: Water

Date Received: 12/17/20 13:25

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	ND		1.0	0.73	ug/L			12/18/20 04:50	1
Tetrachloroethene	ND		1.0	0.36	ug/L			12/18/20 04:50	1
Toluene	ND		1.0	0.51	ug/L			12/18/20 04:50	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			12/18/20 04:50	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			12/18/20 04:50	1
Trichloroethene	ND		1.0	0.46	ug/L			12/18/20 04:50	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			12/18/20 04:50	1
Vinyl chloride	ND		1.0	0.90	ug/L			12/18/20 04:50	1
Xylenes, Total	ND		2.0	0.66	ug/L			12/18/20 04:50	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	101		80 - 120					12/18/20 04:50	1
1,2-Dichloroethane-d4 (Surr)	103		77 - 120					12/18/20 04:50	1
4-Bromofluorobenzene (Surr)	102		73 - 120					12/18/20 04:50	1
Dibromofluoromethane (Surr)	106		75 - 123					12/18/20 04:50	1

Client Sample ID: TRIP BLANK

Lab Sample ID: 480-179497-18

Date Collected: 12/15/20 00:00

Matrix: Water

Date Received: 12/17/20 13:25

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			12/18/20 05:13	1
1,1,1,2-Tetrachloroethane	ND		1.0	0.21	ug/L			12/18/20 05:13	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			12/18/20 05:13	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			12/18/20 05:13	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			12/18/20 05:13	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			12/18/20 05:13	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			12/18/20 05:13	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			12/18/20 05:13	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			12/18/20 05:13	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			12/18/20 05:13	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			12/18/20 05:13	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			12/18/20 05:13	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			12/18/20 05:13	1
2-Butanone (MEK)	ND		10	1.3	ug/L			12/18/20 05:13	1
2-Hexanone	ND		5.0	1.2	ug/L			12/18/20 05:13	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			12/18/20 05:13	1
Acetone	ND		10	3.0	ug/L			12/18/20 05:13	1
Benzene	ND		1.0	0.41	ug/L			12/18/20 05:13	1
Bromodichloromethane	ND		1.0	0.39	ug/L			12/18/20 05:13	1
Bromoform	ND		1.0	0.26	ug/L			12/18/20 05:13	1
Bromomethane	ND		1.0	0.69	ug/L			12/18/20 05:13	1
Carbon disulfide	ND		1.0	0.19	ug/L			12/18/20 05:13	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			12/18/20 05:13	1
Chlorobenzene	ND		1.0	0.75	ug/L			12/18/20 05:13	1
Dibromochloromethane	ND		1.0	0.32	ug/L			12/18/20 05:13	1
Chloroethane	ND		1.0	0.32	ug/L			12/18/20 05:13	1
Chloroform	ND		1.0	0.34	ug/L			12/18/20 05:13	1
Chloromethane	ND		1.0	0.35	ug/L			12/18/20 05:13	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: O'Brien & Gere Inc of North America
 Project/Site: Forest Glen Monitoring

Job ID: 480-179497-1

Client Sample ID: TRIP BLANK

Lab Sample ID: 480-179497-18

Date Collected: 12/15/20 00:00

Matrix: Water

Date Received: 12/17/20 13:25

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			12/18/20 05:13	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			12/18/20 05:13	1
Cyclohexane	ND		1.0	0.18	ug/L			12/18/20 05:13	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			12/18/20 05:13	1
Ethylbenzene	ND		1.0	0.74	ug/L			12/18/20 05:13	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			12/18/20 05:13	1
Isopropylbenzene	ND		1.0	0.79	ug/L			12/18/20 05:13	1
Methyl acetate	ND		2.5	1.3	ug/L			12/18/20 05:13	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			12/18/20 05:13	1
Methylcyclohexane	ND		1.0	0.16	ug/L			12/18/20 05:13	1
Methylene Chloride	ND		1.0	0.44	ug/L			12/18/20 05:13	1
Styrene	ND		1.0	0.73	ug/L			12/18/20 05:13	1
Tetrachloroethene	ND		1.0	0.36	ug/L			12/18/20 05:13	1
Toluene	ND		1.0	0.51	ug/L			12/18/20 05:13	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			12/18/20 05:13	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			12/18/20 05:13	1
Trichloroethene	ND		1.0	0.46	ug/L			12/18/20 05:13	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			12/18/20 05:13	1
Vinyl chloride	ND		1.0	0.90	ug/L			12/18/20 05:13	1
Xylenes, Total	ND		2.0	0.66	ug/L			12/18/20 05:13	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
<i>Toluene-d8 (Surr)</i>	101		80 - 120		12/18/20 05:13	1
<i>1,2-Dichloroethane-d4 (Surr)</i>	101		77 - 120		12/18/20 05:13	1
<i>4-Bromofluorobenzene (Surr)</i>	101		73 - 120		12/18/20 05:13	1
<i>Dibromofluoromethane (Surr)</i>	105		75 - 123		12/18/20 05:13	1

Surrogate Summary

Client: O'Brien & Gere Inc of North America
Project/Site: Forest Glen Monitoring

Job ID: 480-179497-1

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

Matrix: Water

Prep Type: Total/NA

Percent Surrogate Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)			
		TOL (80-120)	DCA (77-120)	BFB (73-120)	DBFM (75-123)
480-179497-1	MW-1D 121520	102	100	104	103
480-179497-1 MS	MW-1D 121520	99	100	103	104
480-179497-1 MSD	MW-1D 121520	101	102	104	107
480-179497-2	MW-1S 121520	102	101	103	104
480-179497-3	MW-6D 121520	101	104	103	105
480-179497-4	MW-10D 121520	100	103	102	104
480-179497-5	MW-6S 121520	102	104	103	105
480-179497-6	MW-10S 121520	101	104	102	105
480-179497-7	MW-6DD 121520	101	102	104	105
480-179497-8	MW-5D 121520	101	101	103	104
480-179497-9	X-1 121520	102	104	103	106
480-179497-10	MW-4D 121520	102	102	104	104
480-179497-11	MW-5S 121520	99	104	102	106
480-179497-12	MW-7DD 121620	101	103	105	105
480-179497-13	MW-8DD 121620	101	103	102	104
480-179497-14	MW-7S 121620	101	102	101	105
480-179497-15	MW-8S 121620	102	103	103	105
480-179497-16	MW-7D 121620	102	101	103	103
480-179497-17	MW-8D 121620	101	103	102	106
480-179497-18	TRIP BLANK	101	101	101	105
LCS 480-563684/6	Lab Control Sample	102	99	104	104
MB 480-563684/8	Method Blank	100	100	103	102

Surrogate Legend

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

QC Sample Results

Client: O'Brien & Gere Inc of North America
 Project/Site: Forest Glen Monitoring

Job ID: 480-179497-1

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

Lab Sample ID: MB 480-563684/8
Matrix: Water
Analysis Batch: 563684

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			12/17/20 22:16	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			12/17/20 22:16	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			12/17/20 22:16	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			12/17/20 22:16	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			12/17/20 22:16	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			12/17/20 22:16	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			12/17/20 22:16	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			12/17/20 22:16	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			12/17/20 22:16	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			12/17/20 22:16	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			12/17/20 22:16	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			12/17/20 22:16	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			12/17/20 22:16	1
2-Butanone (MEK)	ND		10	1.3	ug/L			12/17/20 22:16	1
2-Hexanone	ND		5.0	1.2	ug/L			12/17/20 22:16	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			12/17/20 22:16	1
Acetone	ND		10	3.0	ug/L			12/17/20 22:16	1
Benzene	ND		1.0	0.41	ug/L			12/17/20 22:16	1
Bromodichloromethane	ND		1.0	0.39	ug/L			12/17/20 22:16	1
Bromoform	ND		1.0	0.26	ug/L			12/17/20 22:16	1
Bromomethane	ND		1.0	0.69	ug/L			12/17/20 22:16	1
Carbon disulfide	ND		1.0	0.19	ug/L			12/17/20 22:16	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			12/17/20 22:16	1
Chlorobenzene	ND		1.0	0.75	ug/L			12/17/20 22:16	1
Dibromochloromethane	ND		1.0	0.32	ug/L			12/17/20 22:16	1
Chloroethane	ND		1.0	0.32	ug/L			12/17/20 22:16	1
Chloroform	ND		1.0	0.34	ug/L			12/17/20 22:16	1
Chloromethane	ND		1.0	0.35	ug/L			12/17/20 22:16	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			12/17/20 22:16	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			12/17/20 22:16	1
Cyclohexane	ND		1.0	0.18	ug/L			12/17/20 22:16	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			12/17/20 22:16	1
Ethylbenzene	ND		1.0	0.74	ug/L			12/17/20 22:16	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			12/17/20 22:16	1
Isopropylbenzene	ND		1.0	0.79	ug/L			12/17/20 22:16	1
Methyl acetate	ND		2.5	1.3	ug/L			12/17/20 22:16	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			12/17/20 22:16	1
Methylcyclohexane	ND		1.0	0.16	ug/L			12/17/20 22:16	1
Methylene Chloride	ND		1.0	0.44	ug/L			12/17/20 22:16	1
Styrene	ND		1.0	0.73	ug/L			12/17/20 22:16	1
Tetrachloroethene	ND		1.0	0.36	ug/L			12/17/20 22:16	1
Toluene	ND		1.0	0.51	ug/L			12/17/20 22:16	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			12/17/20 22:16	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			12/17/20 22:16	1
Trichloroethene	ND		1.0	0.46	ug/L			12/17/20 22:16	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			12/17/20 22:16	1
Vinyl chloride	ND		1.0	0.90	ug/L			12/17/20 22:16	1
Xylenes, Total	ND		2.0	0.66	ug/L			12/17/20 22:16	1

Eurofins TestAmerica, Buffalo

QC Sample Results

Client: O'Brien & Gere Inc of North America
 Project/Site: Forest Glen Monitoring

Job ID: 480-179497-1

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

Lab Sample ID: MB 480-563684/8
Matrix: Water
Analysis Batch: 563684

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

Surrogate	MB	MB	Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
Toluene-d8 (Surr)	100		80 - 120		12/17/20 22:16	1
1,2-Dichloroethane-d4 (Surr)	100		77 - 120		12/17/20 22:16	1
4-Bromofluorobenzene (Surr)	103		73 - 120		12/17/20 22:16	1
Dibromofluoromethane (Surr)	102		75 - 123		12/17/20 22:16	1

Lab Sample ID: LCS 480-563684/6
Matrix: Water
Analysis Batch: 563684

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	26.5		ug/L		106	73 - 126
1,1,2,2-Tetrachloroethane	25.0	24.8		ug/L		99	76 - 120
1,1,2-Trichloroethane	25.0	26.0		ug/L		104	76 - 122
1,1,2-Trichloro-1,2,2-trifluoroethane	25.0	23.9		ug/L		96	61 - 148
1,1-Dichloroethane	25.0	25.4		ug/L		102	77 - 120
1,1-Dichloroethene	25.0	26.0		ug/L		104	66 - 127
1,2,4-Trichlorobenzene	25.0	26.6		ug/L		107	79 - 122
1,2-Dibromo-3-Chloropropane	25.0	25.4		ug/L		102	56 - 134
1,2-Dichlorobenzene	25.0	25.4		ug/L		102	80 - 124
1,2-Dichloroethane	25.0	25.0		ug/L		100	75 - 120
1,2-Dichloropropane	25.0	25.0		ug/L		100	76 - 120
1,3-Dichlorobenzene	25.0	25.1		ug/L		101	77 - 120
1,4-Dichlorobenzene	25.0	25.1		ug/L		100	80 - 120
2-Butanone (MEK)	125	130		ug/L		104	57 - 140
2-Hexanone	125	131		ug/L		105	65 - 127
4-Methyl-2-pentanone (MIBK)	125	131		ug/L		105	71 - 125
Acetone	125	124		ug/L		99	56 - 142
Benzene	25.0	25.2		ug/L		101	71 - 124
Bromodichloromethane	25.0	25.9		ug/L		104	80 - 122
Bromoform	25.0	27.6		ug/L		110	61 - 132
Bromomethane	25.0	25.1		ug/L		100	55 - 144
Carbon disulfide	25.0	25.2		ug/L		101	59 - 134
Carbon tetrachloride	25.0	26.8		ug/L		107	72 - 134
Chlorobenzene	25.0	25.9		ug/L		104	80 - 120
Dibromochloromethane	25.0	27.3		ug/L		109	75 - 125
Chloroethane	25.0	22.9		ug/L		92	69 - 136
Chloroform	25.0	24.3		ug/L		97	73 - 127
Chloromethane	25.0	23.2		ug/L		93	68 - 124
cis-1,2-Dichloroethene	25.0	25.9		ug/L		104	74 - 124
cis-1,3-Dichloropropene	25.0	25.5		ug/L		102	74 - 124
Cyclohexane	25.0	26.5		ug/L		106	59 - 135
Dichlorodifluoromethane	25.0	23.3		ug/L		93	59 - 135
Ethylbenzene	25.0	25.7		ug/L		103	77 - 123
1,2-Dibromoethane	25.0	26.8		ug/L		107	77 - 120
Isopropylbenzene	25.0	24.8		ug/L		99	77 - 122
Methyl acetate	50.0	48.5		ug/L		97	74 - 133
Methyl tert-butyl ether	25.0	25.8		ug/L		103	77 - 120
Methylcyclohexane	25.0	27.0		ug/L		108	68 - 134

Eurofins TestAmerica, Buffalo

QC Sample Results

Client: O'Brien & Gere Inc of North America
Project/Site: Forest Glen Monitoring

Job ID: 480-179497-1

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

Lab Sample ID: LCS 480-563684/6

Matrix: Water

Analysis Batch: 563684

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Methylene Chloride	25.0	25.0		ug/L		100	75 - 124
Styrene	25.0	26.3		ug/L		105	80 - 120
Tetrachloroethene	25.0	27.7		ug/L		111	74 - 122
Toluene	25.0	25.7		ug/L		103	80 - 122
trans-1,2-Dichloroethene	25.0	26.4		ug/L		106	73 - 127
trans-1,3-Dichloropropene	25.0	25.7		ug/L		103	80 - 120
Trichloroethene	25.0	26.2		ug/L		105	74 - 123
Trichlorofluoromethane	25.0	26.0		ug/L		104	62 - 150
Vinyl chloride	25.0	25.6		ug/L		102	65 - 133

Surrogate	LCS %Recovery	LCS Qualifier	Limits
Toluene-d8 (Surr)	102		80 - 120
1,2-Dichloroethane-d4 (Surr)	99		77 - 120
4-Bromofluorobenzene (Surr)	104		73 - 120
Dibromofluoromethane (Surr)	104		75 - 123

Lab Sample ID: 480-179497-1 MS

Matrix: Water

Analysis Batch: 563684

Client Sample ID: MW-1D 121520

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	27.7		ug/L		111	73 - 126
1,1,1,2-Tetrachloroethane	ND		25.0	26.5		ug/L		106	76 - 120
1,1,2-Trichloroethane	ND		25.0	26.5		ug/L		106	76 - 122
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		25.0	24.0		ug/L		96	61 - 148
1,1-Dichloroethane	ND		25.0	26.1		ug/L		105	77 - 120
1,1-Dichloroethene	ND		25.0	28.1		ug/L		112	66 - 127
1,2,4-Trichlorobenzene	ND		25.0	26.2		ug/L		105	79 - 122
1,2-Dibromo-3-Chloropropane	ND		25.0	26.9		ug/L		108	56 - 134
1,2-Dichlorobenzene	ND		25.0	25.9		ug/L		103	80 - 124
1,2-Dichloroethane	ND		25.0	25.7		ug/L		103	75 - 120
1,2-Dichloropropane	ND		25.0	25.2		ug/L		101	76 - 120
1,3-Dichlorobenzene	ND		25.0	25.3		ug/L		101	77 - 120
1,4-Dichlorobenzene	ND		25.0	25.4		ug/L		101	78 - 124
2-Butanone (MEK)	ND		125	139		ug/L		112	57 - 140
2-Hexanone	ND		125	140		ug/L		112	65 - 127
4-Methyl-2-pentanone (MIBK)	ND		125	138		ug/L		111	71 - 125
Acetone	ND		125	125		ug/L		100	56 - 142
Benzene	ND		25.0	25.5		ug/L		102	71 - 124
Bromodichloromethane	ND		25.0	26.4		ug/L		106	80 - 122
Bromoform	ND		25.0	26.2		ug/L		105	61 - 132
Bromomethane	ND		25.0	26.8		ug/L		107	55 - 144
Carbon disulfide	ND		25.0	25.3		ug/L		101	59 - 134
Carbon tetrachloride	ND		25.0	26.6		ug/L		106	72 - 134
Chlorobenzene	ND		25.0	26.3		ug/L		105	80 - 120
Dibromochloromethane	ND		25.0	26.9		ug/L		108	75 - 125
Chloroethane	ND		25.0	25.0		ug/L		100	69 - 136
Chloroform	ND		25.0	24.7		ug/L		99	73 - 127

Eurofins TestAmerica, Buffalo

QC Sample Results

Client: O'Brien & Gere Inc of North America
Project/Site: Forest Glen Monitoring

Job ID: 480-179497-1

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

Lab Sample ID: 480-179497-1 MS
Matrix: Water
Analysis Batch: 563684

Client Sample ID: MW-1D 121520
Prep Type: Total/NA

Analyte	Sample	Sample	Spike	MS	MS	Unit	D	%Rec	%Rec.	Limits	
	Result	Qualifier	Added	Result	Qualifier						
Chloromethane	ND		25.0	25.2		ug/L		101	68 - 124		
cis-1,2-Dichloroethene	ND		25.0	26.1		ug/L		104	74 - 124		
cis-1,3-Dichloropropene	ND		25.0	23.6		ug/L		94	74 - 124		
Cyclohexane	ND		25.0	26.7		ug/L		107	59 - 135		
Dichlorodifluoromethane	ND		25.0	23.1		ug/L		92	59 - 135		
Ethylbenzene	ND		25.0	26.2		ug/L		105	77 - 123		
1,2-Dibromoethane	ND		25.0	27.2		ug/L		109	77 - 120		
Isopropylbenzene	ND		25.0	25.9		ug/L		104	77 - 122		
Methyl acetate	ND		50.0	48.0		ug/L		96	74 - 133		
Methyl tert-butyl ether	0.63	J	25.0	27.4		ug/L		107	77 - 120		
Methylcyclohexane	ND		25.0	25.9		ug/L		103	68 - 134		
Methylene Chloride	ND		25.0	25.4		ug/L		102	75 - 124		
Styrene	ND		25.0	25.3		ug/L		101	80 - 120		
Tetrachloroethene	ND		25.0	27.8		ug/L		111	74 - 122		
Toluene	ND		25.0	25.5		ug/L		102	80 - 122		
trans-1,2-Dichloroethene	ND		25.0	27.2		ug/L		109	73 - 127		
trans-1,3-Dichloropropene	ND		25.0	24.1		ug/L		96	80 - 120		
Trichloroethene	ND		25.0	26.6		ug/L		106	74 - 123		
Trichlorofluoromethane	ND		25.0	28.3		ug/L		113	62 - 150		
Vinyl chloride	ND		25.0	28.1		ug/L		113	65 - 133		
MS MS											
Surrogate	%Recovery	Qualifier	Limits								
Toluene-d8 (Surr)	99		80 - 120								
1,2-Dichloroethane-d4 (Surr)	100		77 - 120								
4-Bromofluorobenzene (Surr)	103		73 - 120								
Dibromofluoromethane (Surr)	104		75 - 123								

Lab Sample ID: 480-179497-1 MSD
Matrix: Water
Analysis Batch: 563684

Client Sample ID: MW-1D 121520
Prep Type: Total/NA

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec.	Limits	RPD	Limit
	Result	Qualifier	Added	Result	Qualifier							
1,1,1-Trichloroethane	ND		25.0	29.0		ug/L		116	73 - 126	4	15	
1,1,2,2-Tetrachloroethane	ND		25.0	27.0		ug/L		108	76 - 120	2	15	
1,1,2-Trichloroethane	ND		25.0	27.6		ug/L		110	76 - 122	4	15	
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		25.0	24.3		ug/L		97	61 - 148	1	20	
1,1-Dichloroethane	ND		25.0	27.5		ug/L		110	77 - 120	5	20	
1,1-Dichloroethene	ND		25.0	28.8		ug/L		115	66 - 127	3	16	
1,2,4-Trichlorobenzene	ND		25.0	27.2		ug/L		109	79 - 122	4	20	
1,2-Dibromo-3-Chloropropane	ND		25.0	27.9		ug/L		112	56 - 134	4	15	
1,2-Dichlorobenzene	ND		25.0	26.3		ug/L		105	80 - 124	2	20	
1,2-Dichloroethane	ND		25.0	27.2		ug/L		109	75 - 120	5	20	
1,2-Dichloropropane	ND		25.0	26.5		ug/L		106	76 - 120	5	20	
1,3-Dichlorobenzene	ND		25.0	25.3		ug/L		101	77 - 120	0	20	
1,4-Dichlorobenzene	ND		25.0	25.6		ug/L		102	78 - 124	1	20	
2-Butanone (MEK)	ND		125	150		ug/L		120	57 - 140	8	20	
2-Hexanone	ND		125	148		ug/L		118	65 - 127	5	15	
4-Methyl-2-pentanone (MIBK)	ND		125	146		ug/L		116	71 - 125	5	35	

Eurofins TestAmerica, Buffalo

QC Sample Results

Client: O'Brien & Gere Inc of North America
 Project/Site: Forest Glen Monitoring

Job ID: 480-179497-1

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

Lab Sample ID: 480-179497-1 MSD

Client Sample ID: MW-1D 121520

Matrix: Water

Prep Type: Total/NA

Analysis Batch: 563684

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Acetone	ND		125	139		ug/L		111	56 - 142	10	15
Benzene	ND		25.0	26.9		ug/L		108	71 - 124	5	13
Bromodichloromethane	ND		25.0	28.0		ug/L		112	80 - 122	6	15
Bromoform	ND		25.0	27.7		ug/L		111	61 - 132	6	15
Bromomethane	ND		25.0	29.3		ug/L		117	55 - 144	9	15
Carbon disulfide	ND		25.0	26.1		ug/L		104	59 - 134	3	15
Carbon tetrachloride	ND		25.0	28.3		ug/L		113	72 - 134	6	15
Chlorobenzene	ND		25.0	26.9		ug/L		107	80 - 120	2	25
Dibromochloromethane	ND		25.0	28.2		ug/L		113	75 - 125	5	15
Chloroethane	ND		25.0	27.6		ug/L		110	69 - 136	10	15
Chloroform	ND		25.0	25.8		ug/L		103	73 - 127	4	20
Chloromethane	ND		25.0	28.2		ug/L		113	68 - 124	11	15
cis-1,2-Dichloroethene	ND		25.0	27.4		ug/L		110	74 - 124	5	15
cis-1,3-Dichloropropene	ND		25.0	25.6		ug/L		102	74 - 124	8	15
Cyclohexane	ND		25.0	27.5		ug/L		110	59 - 135	3	20
Dichlorodifluoromethane	ND		25.0	27.3		ug/L		109	59 - 135	16	20
Ethylbenzene	ND		25.0	26.7		ug/L		107	77 - 123	2	15
1,2-Dibromoethane	ND		25.0	28.4		ug/L		114	77 - 120	4	15
Isopropylbenzene	ND		25.0	25.7		ug/L		103	77 - 122	1	20
Methyl acetate	ND		50.0	52.4		ug/L		105	74 - 133	9	20
Methyl tert-butyl ether	0.63	J	25.0	28.4		ug/L		111	77 - 120	4	37
Methylcyclohexane	ND		25.0	27.2		ug/L		109	68 - 134	5	20
Methylene Chloride	ND		25.0	26.2		ug/L		105	75 - 124	3	15
Styrene	ND		25.0	25.9		ug/L		104	80 - 120	2	20
Tetrachloroethene	ND		25.0	28.7		ug/L		115	74 - 122	3	20
Toluene	ND		25.0	26.2		ug/L		105	80 - 122	3	15
trans-1,2-Dichloroethene	ND		25.0	27.5		ug/L		110	73 - 127	1	20
trans-1,3-Dichloropropene	ND		25.0	25.0		ug/L		100	80 - 120	4	15
Trichloroethene	ND		25.0	27.8		ug/L		111	74 - 123	4	16
Trichlorofluoromethane	ND		25.0	31.0		ug/L		124	62 - 150	9	20
Vinyl chloride	ND		25.0	31.9		ug/L		128	65 - 133	13	15

Surrogate	MSD %Recovery	MSD Qualifier	Limits
<i>Toluene-d8 (Surr)</i>	101		80 - 120
<i>1,2-Dichloroethane-d4 (Surr)</i>	102		77 - 120
<i>4-Bromofluorobenzene (Surr)</i>	104		73 - 120
<i>Dibromofluoromethane (Surr)</i>	107		75 - 123

QC Association Summary

Client: O'Brien & Gere Inc of North America
Project/Site: Forest Glen Monitoring

Job ID: 480-179497-1

GC/MS VOA

Analysis Batch: 563684

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-179497-1	MW-1D 121520	Total/NA	Water	8260C	
480-179497-2	MW-1S 121520	Total/NA	Water	8260C	
480-179497-3	MW-6D 121520	Total/NA	Water	8260C	
480-179497-4	MW-10D 121520	Total/NA	Water	8260C	
480-179497-5	MW-6S 121520	Total/NA	Water	8260C	
480-179497-6	MW-10S 121520	Total/NA	Water	8260C	
480-179497-7	MW-6DD 121520	Total/NA	Water	8260C	
480-179497-8	MW-5D 121520	Total/NA	Water	8260C	
480-179497-9	X-1 121520	Total/NA	Water	8260C	
480-179497-10	MW-4D 121520	Total/NA	Water	8260C	
480-179497-11	MW-5S 121520	Total/NA	Water	8260C	
480-179497-12	MW-7DD 121620	Total/NA	Water	8260C	
480-179497-13	MW-8DD 121620	Total/NA	Water	8260C	
480-179497-14	MW-7S 121620	Total/NA	Water	8260C	
480-179497-15	MW-8S 121620	Total/NA	Water	8260C	
480-179497-16	MW-7D 121620	Total/NA	Water	8260C	
480-179497-17	MW-8D 121620	Total/NA	Water	8260C	
480-179497-18	TRIP BLANK	Total/NA	Water	8260C	
MB 480-563684/8	Method Blank	Total/NA	Water	8260C	
LCS 480-563684/6	Lab Control Sample	Total/NA	Water	8260C	
480-179497-1 MS	MW-1D 121520	Total/NA	Water	8260C	
480-179497-1 MSD	MW-1D 121520	Total/NA	Water	8260C	

Lab Chronicle

Client: O'Brien & Gere Inc of North America
Project/Site: Forest Glen Monitoring

Job ID: 480-179497-1

Client Sample ID: MW-1D 121520

Date Collected: 12/15/20 08:40

Date Received: 12/17/20 13:25

Lab Sample ID: 480-179497-1

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	563684	12/17/20 22:39	CRL	TAL BUF

Client Sample ID: MW-1S 121520

Date Collected: 12/15/20 09:05

Date Received: 12/17/20 13:25

Lab Sample ID: 480-179497-2

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	563684	12/17/20 23:02	CRL	TAL BUF

Client Sample ID: MW-6D 121520

Date Collected: 12/15/20 10:00

Date Received: 12/17/20 13:25

Lab Sample ID: 480-179497-3

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	563684	12/17/20 23:25	CRL	TAL BUF

Client Sample ID: MW-10D 121520

Date Collected: 12/15/20 10:38

Date Received: 12/17/20 13:25

Lab Sample ID: 480-179497-4

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	563684	12/17/20 23:48	CRL	TAL BUF

Client Sample ID: MW-6S 121520

Date Collected: 12/15/20 11:10

Date Received: 12/17/20 13:25

Lab Sample ID: 480-179497-5

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	563684	12/18/20 00:11	CRL	TAL BUF

Client Sample ID: MW-10S 121520

Date Collected: 12/15/20 11:28

Date Received: 12/17/20 13:25

Lab Sample ID: 480-179497-6

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	563684	12/18/20 00:35	CRL	TAL BUF

Client Sample ID: MW-6DD 121520

Date Collected: 12/15/20 12:35

Date Received: 12/17/20 13:25

Lab Sample ID: 480-179497-7

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	563684	12/18/20 00:58	CRL	TAL BUF

Lab Chronicle

Client: O'Brien & Gere Inc of North America
Project/Site: Forest Glen Monitoring

Job ID: 480-179497-1

Client Sample ID: MW-5D 121520

Date Collected: 12/15/20 12:44

Date Received: 12/17/20 13:25

Lab Sample ID: 480-179497-8

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	563684	12/18/20 01:21	CRL	TAL BUF

Client Sample ID: X-1 121520

Date Collected: 12/15/20 00:00

Date Received: 12/17/20 13:25

Lab Sample ID: 480-179497-9

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	563684	12/18/20 01:44	CRL	TAL BUF

Client Sample ID: MW-4D 121520

Date Collected: 12/15/20 14:30

Date Received: 12/17/20 13:25

Lab Sample ID: 480-179497-10

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	563684	12/18/20 02:08	CRL	TAL BUF

Client Sample ID: MW-5S 121520

Date Collected: 12/15/20 15:15

Date Received: 12/17/20 13:25

Lab Sample ID: 480-179497-11

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	563684	12/18/20 02:31	CRL	TAL BUF

Client Sample ID: MW-7DD 121620

Date Collected: 12/15/20 09:48

Date Received: 12/17/20 13:25

Lab Sample ID: 480-179497-12

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	563684	12/18/20 02:54	CRL	TAL BUF

Client Sample ID: MW-8DD 121620

Date Collected: 12/15/20 10:20

Date Received: 12/17/20 13:25

Lab Sample ID: 480-179497-13

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	563684	12/18/20 03:17	CRL	TAL BUF

Client Sample ID: MW-7S 121620

Date Collected: 12/15/20 11:00

Date Received: 12/17/20 13:25

Lab Sample ID: 480-179497-14

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	563684	12/18/20 03:40	CRL	TAL BUF

Lab Chronicle

Client: O'Brien & Gere Inc of North America
Project/Site: Forest Glen Monitoring

Job ID: 480-179497-1

Client Sample ID: MW-8S 121620

Lab Sample ID: 480-179497-15

Date Collected: 12/15/20 11:20

Matrix: Water

Date Received: 12/17/20 13:25

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	563684	12/18/20 04:03	CRL	TAL BUF

Client Sample ID: MW-7D 121620

Lab Sample ID: 480-179497-16

Date Collected: 12/15/20 11:55

Matrix: Water

Date Received: 12/17/20 13:25

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	563684	12/18/20 04:27	CRL	TAL BUF

Client Sample ID: MW-8D 121620

Lab Sample ID: 480-179497-17

Date Collected: 12/15/20 12:20

Matrix: Water

Date Received: 12/17/20 13:25

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	563684	12/18/20 04:50	CRL	TAL BUF

Client Sample ID: TRIP BLANK

Lab Sample ID: 480-179497-18

Date Collected: 12/15/20 00:00

Matrix: Water

Date Received: 12/17/20 13:25

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	563684	12/18/20 05:13	CRL	TAL BUF

Laboratory References:

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

Accreditation/Certification Summary

Client: O'Brien & Gere Inc of North America
Project/Site: Forest Glen Monitoring

Job ID: 480-179497-1

Laboratory: Eurofins TestAmerica, Buffalo

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

Authority	Program	Identification Number	Expiration Date
New York	NELAP	10026	04-01-21

1

2

3

4

5

6

7

8

9

10

11

12

13

14

15

Method Summary

Client: O'Brien & Gere Inc of North America
Project/Site: Forest Glen Monitoring

Job ID: 480-179497-1

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

Protocol References:

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

Laboratory References:

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



Sample Summary

Client: O'Brien & Gere Inc of North America
Project/Site: Forest Glen Monitoring

Job ID: 480-179497-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Asset ID
480-179497-1	MW-1D 121520	Water	12/15/20 08:40	12/17/20 13:25	
480-179497-2	MW-1S 121520	Water	12/15/20 09:05	12/17/20 13:25	
480-179497-3	MW-6D 121520	Water	12/15/20 10:00	12/17/20 13:25	
480-179497-4	MW-10D 121520	Water	12/15/20 10:38	12/17/20 13:25	
480-179497-5	MW-6S 121520	Water	12/15/20 11:10	12/17/20 13:25	
480-179497-6	MW-10S 121520	Water	12/15/20 11:28	12/17/20 13:25	
480-179497-7	MW-6DD 121520	Water	12/15/20 12:35	12/17/20 13:25	
480-179497-8	MW-5D 121520	Water	12/15/20 12:44	12/17/20 13:25	
480-179497-9	X-1 121520	Water	12/15/20 00:00	12/17/20 13:25	
480-179497-10	MW-4D 121520	Water	12/15/20 14:30	12/17/20 13:25	
480-179497-11	MW-5S 121520	Water	12/15/20 15:15	12/17/20 13:25	
480-179497-12	MW-7DD 121620	Water	12/15/20 09:48	12/17/20 13:25	
480-179497-13	MW-8DD 121620	Water	12/15/20 10:20	12/17/20 13:25	
480-179497-14	MW-7S 121620	Water	12/15/20 11:00	12/17/20 13:25	
480-179497-15	MW-8S 121620	Water	12/15/20 11:20	12/17/20 13:25	
480-179497-16	MW-7D 121620	Water	12/15/20 11:55	12/17/20 13:25	
480-179497-17	MW-8D 121620	Water	12/15/20 12:20	12/17/20 13:25	
480-179497-18	TRIP BLANK	Water	12/15/20 00:00	12/17/20 13:25	

Chain of Custody Record

Client Information		Lab PM		Carrier Tracking No(s):		COC No:	
Client Contact: Mr. Yuri Veliz		Schove, John R		John Schove@Eurofinset.com		480-154207-26631.1	
Company: O'Brien & Gere Inc of North America		E-Mail		State of Origin:		Page: Page 1 of 2	
Address: 333 West Washington St. PO BOX 4873		PWSID:		Job #:		Preservation Codes:	
City: East Syracuse		Due Date Requested:		Analysis Requested		A - HCL B - NaOH C - Zn Acetate D - Nitric Acid E - NaHSO ₄ M - Hexane N - None O - AsNaO ₂ P - Na ₂ CO ₃	
State, Zip: NY, 13221		TAT Requested (days):		Perform MS/MSD (Yes or No)		8260C - TCL Volatiles	
Phone: 315-956-6100(Tel) 315-463-7554(Fax)		Compliance Project: <input type="checkbox"/> Yes <input type="checkbox"/> No		Field Filtered Sample (Yes or No)		Total Number	
Email: yuri.veliz@ramboll.com		PO #: 1950001093		Matrix		Special Instructions/Note:	
Project Name: Forest Glen Monitoring		WO #:		Sample Type (C=Comp, G=grab)		480-179497 Chain of Custody	
Site:		Project #: 48002808		Sample Time			
		SSOW#:		Sample Date			
Sample Identification		Preservation Code		Matrix			
MW-1D 121520		G		Water			
MW-1D MS 121520		G		Water			
MW-1D MSD 121520		G		Water			
MW-1S 121520		G		Water			
MW-6D 121520		G		Water			
MW-10D 121520		G		Water			
MW-6S 121520		G		Water			
MW-10S 121520		G		Water			
MW-6DD 121520		G		Water			
MW-5D 121520		G		Water			
X-1 121520		G		Water			
Possible Hazard Identification		<input type="checkbox"/> Non-Hazard <input type="checkbox"/> Flammable <input type="checkbox"/> Skin Irritant <input type="checkbox"/> Poison B <input type="checkbox"/> Unknown <input type="checkbox"/> Radiological		Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)		Return To Client <input type="checkbox"/> Disposal By Lab <input type="checkbox"/> Archive For <input type="checkbox"/> Months	
Deliverable Requested: I, II, III, IV, Other (specify)		Special Instructions/OC Requirements:		Special Instructions/OC Requirements:			
Empty Kit Relinquished by:		Date:		Time:		Method of Shipment:	
Relinquished by: <i>Mitchell Hughes</i>		12-16-20 / 13:25		Company: <i>CRG</i>		Received by: _____ Date/Time: _____ Company: _____	
Relinquished by:		Date/Time:		Company:		Received by: _____ Date/Time: _____ Company: _____	
Relinquished by:		Date/Time:		Company:		Received by: <i>DRS</i> Date/Time: 12/16/20 13:25 Company: <i>JH</i>	
Custody Seals Intact: <input type="checkbox"/> Yes <input type="checkbox"/> No		Custody Seal No.:		Cooler Temperature(s) °C and Other Remarks:		# 3.8	



Chain of Custody Record

Client Information		Lab PM Schove, John R		Carrier Tracking No(s) 480-154207-26531.2				
Client Contact Mr. Yun Veliz		E-Mail John.Schove@Eurofins.com		Page Page 2 of 3				
Company O'Brien & Gere Inc of North America		PWSID		Job #				
Address 333 West Washington St PO BOX 4873		Due Date Requested:		Analysis Requested				
City East Syracuse		TAT Requested (days):		Total Number of Containers				
State, Zip NY, 13221		Compliance Project: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		Preservation Codes: A - HCL B - NaOH C - Zn Acetate D - Nitric Acid E - NaHSO4 F - MeOH G - Amchlor H - Ascorbic Acid I - Ice J - DI Water K - EDTA L - EDA M - Hexane N - None O - AsNaO2 P - Na2O4S Q - Na2SO3 R - Na2S2O3 S - H2SO4 T - TSP Dodecahydrate U - Acetone V - MCAA W - pH 4.5 Z - other (specify) Other:				
Phone 315-956-6100(Tel) 315-463-7554(Fax)		PO # 1950001093		Special Instructions/Note:				
Email yun.veliz@ramboll.com		WO #						
Project Name Forest Glen Monitoring		Project # 48002808						
Site		SSOW#						
Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=soil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	8260C - TCL Volatiles	Performance MS/MSD (Yes or No)	Special Instructions/Note:
MW-4D 121520	12-15-20	14:30	G	Water				
MW-5S 121520	12-15-20	15:15	G	Water				
MW7DD 121620	12-16-20	9:48	G	Water				
MW8DD 121620	12-16-20	10:20	G	Water				
MW7S 121620	12-16-20	11:00	G	Water				
MW8S 121620	12-16-20	11:20	G	Water				
MW7D 121620	12-16-20	11:55	G	Water				
MW8D 121620	12-16-20	12:20	G	Water				
QC TRIP Blank				Water				
				Water				
				Water				
Possible Hazard Identification						Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)		
<input type="checkbox"/> Non-Hazard <input type="checkbox"/> Flammable <input type="checkbox"/> Skin Irritant <input type="checkbox"/> Poison B <input type="checkbox"/> Unknown <input type="checkbox"/> Radiological						<input type="checkbox"/> Return To Client <input type="checkbox"/> Disposal By Lab <input type="checkbox"/> 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>M. To...</i>						Date/Time:		
Relinquished by:						Date/Time:		
Relinquished by:						Date/Time: 12/16/20 13:25		
Custody Seals Intact: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No						Cooler Temperature(s) °C and Other Remarks:		



Login Sample Receipt Checklist

Client: O'Brien & Gere Inc of North America

Job Number: 480-179497-1

Login Number: 179497

List Number: 1

Creator: Wallace, Cameron

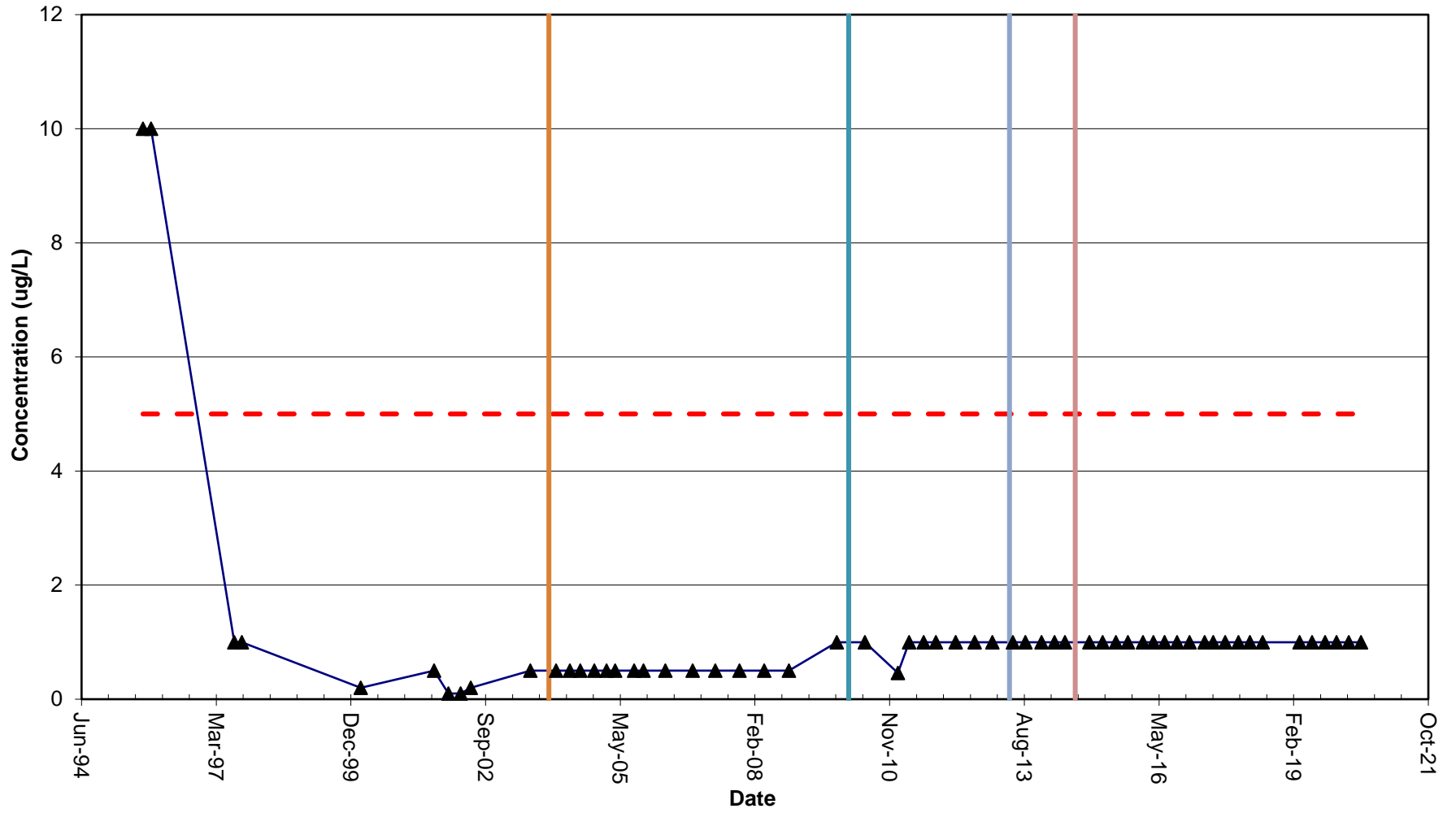
List Source: Eurofins TestAmerica, Buffalo

Question	Answer	Comment
Radioactivity either was not measured or, if measured, is at or below background	True	
The cooler's custody seal, if present, is intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
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.	N/A	
Chlorine Residual checked.	N/A	

APPENDIX D

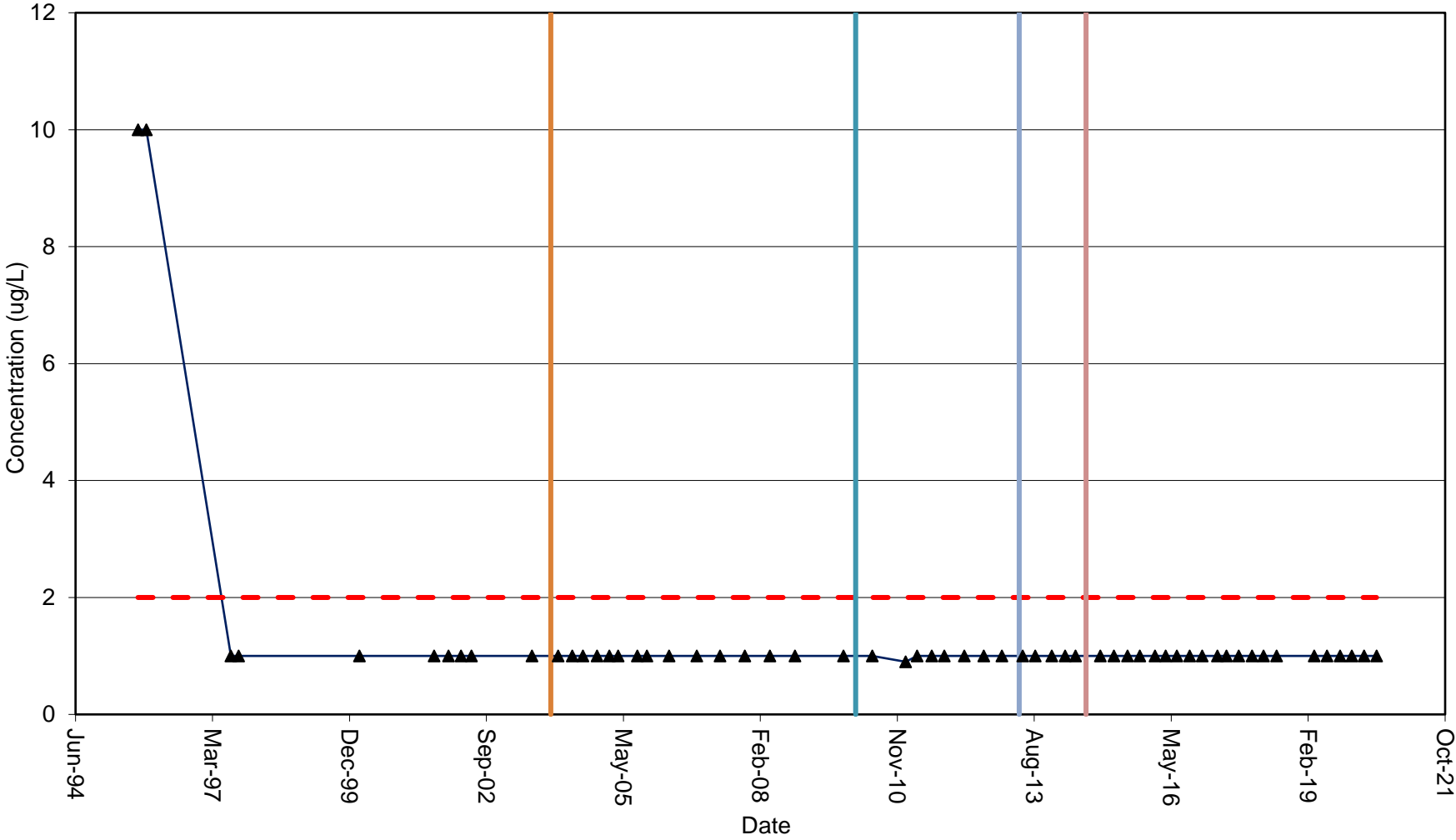
CONCENTRATION TRENDS

MW-4S: TCE



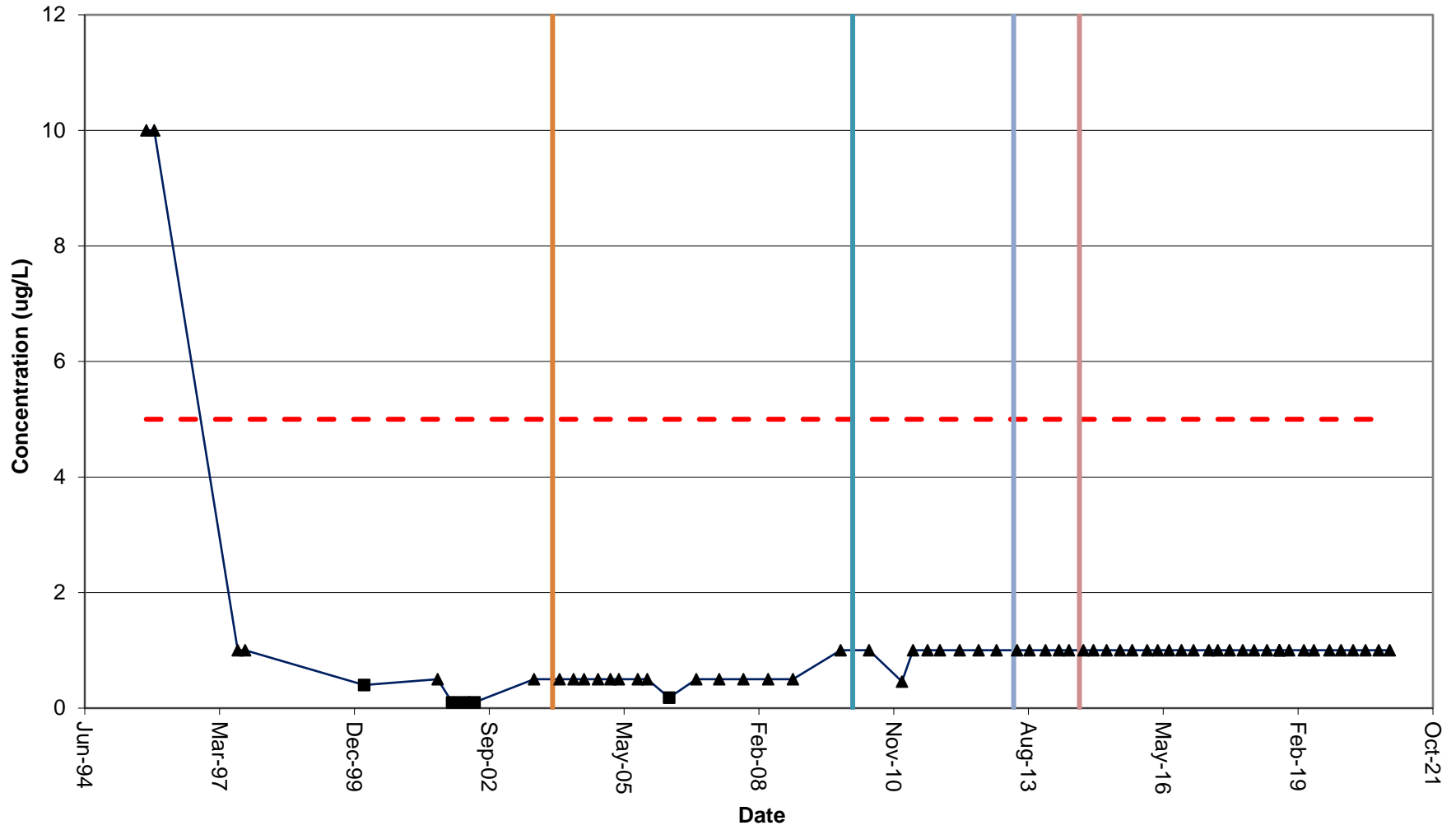
— TCE ■ Detect ▲ Non-Detect - - - TCE NYSDEC Class GA Std | Pumping began | Pump shutdown | Pumping restarted | RW-3 on line

MW-4S: Vinyl Chloride



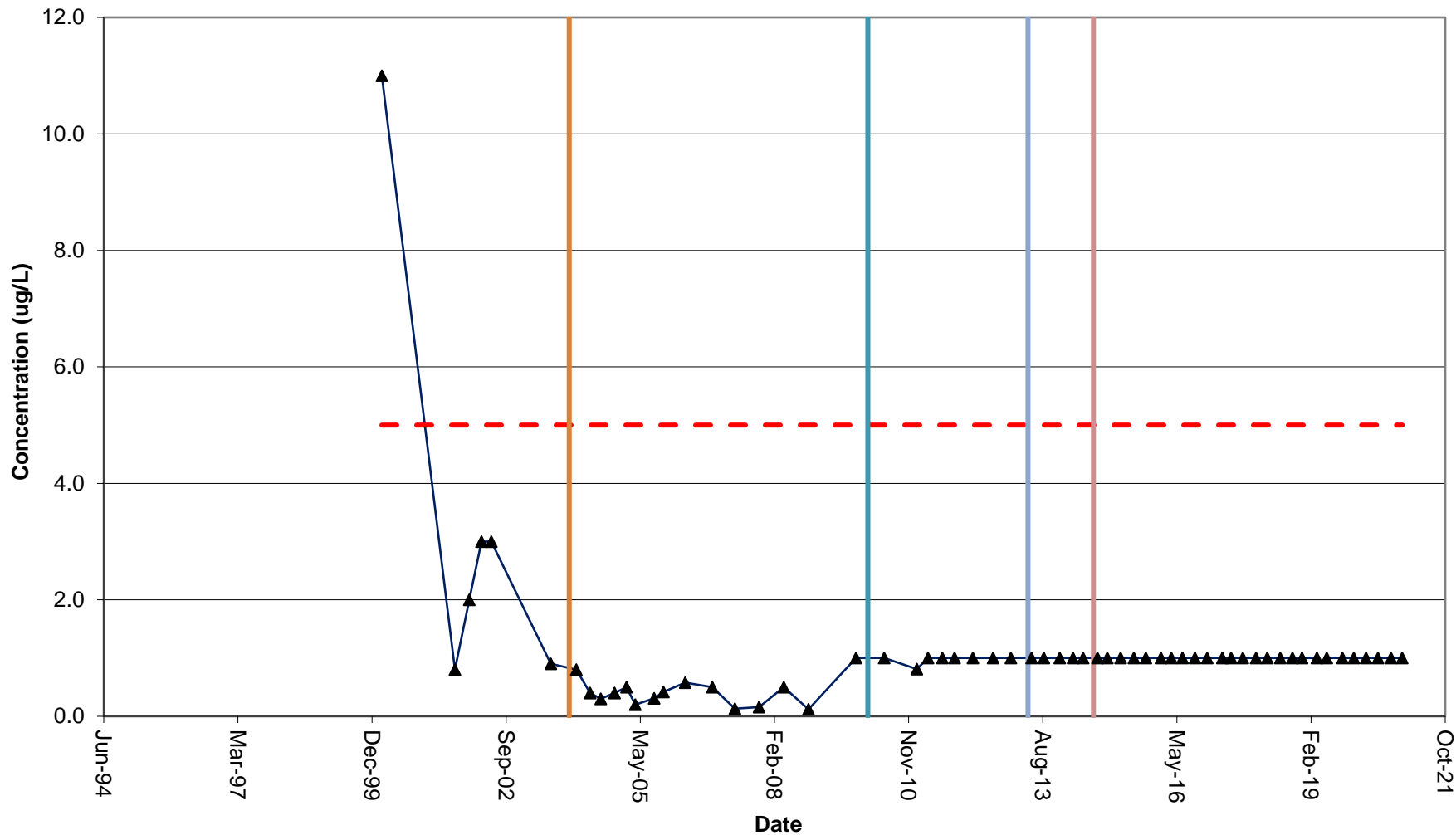
VC Detect Non-Detect VC NYSDEC Class GA Std Pumping began Pump shutdown Pumping restarted RW-3 on line

MW-4D: TCE



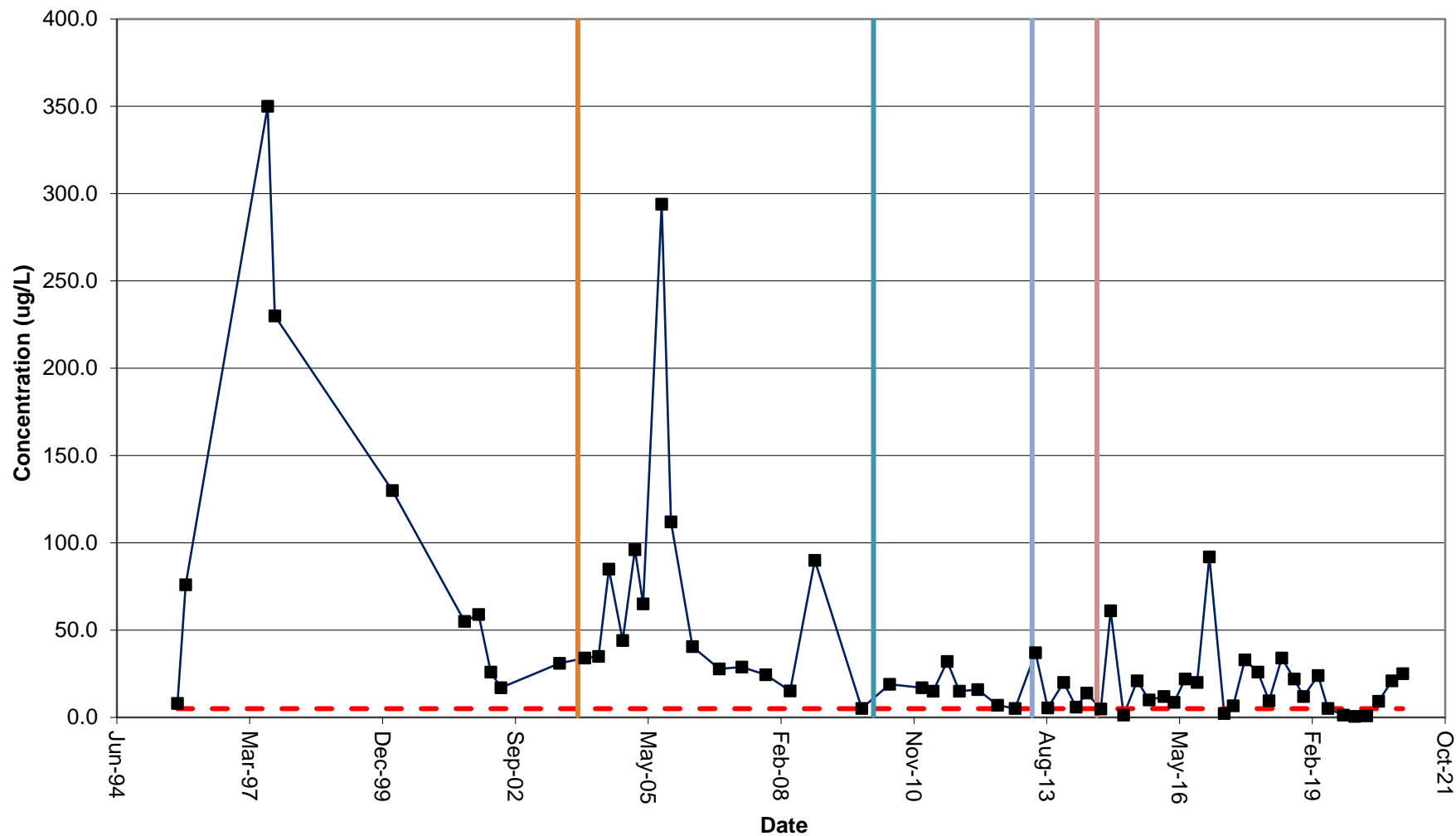
— TCE ■ Detect ▲ Non-Detect - - - NYSDEC Class GA Std | Pumping began | Pump shutdown | Pumping restarted | RW-3 on line

MW-4D: cis-1,2-DCE



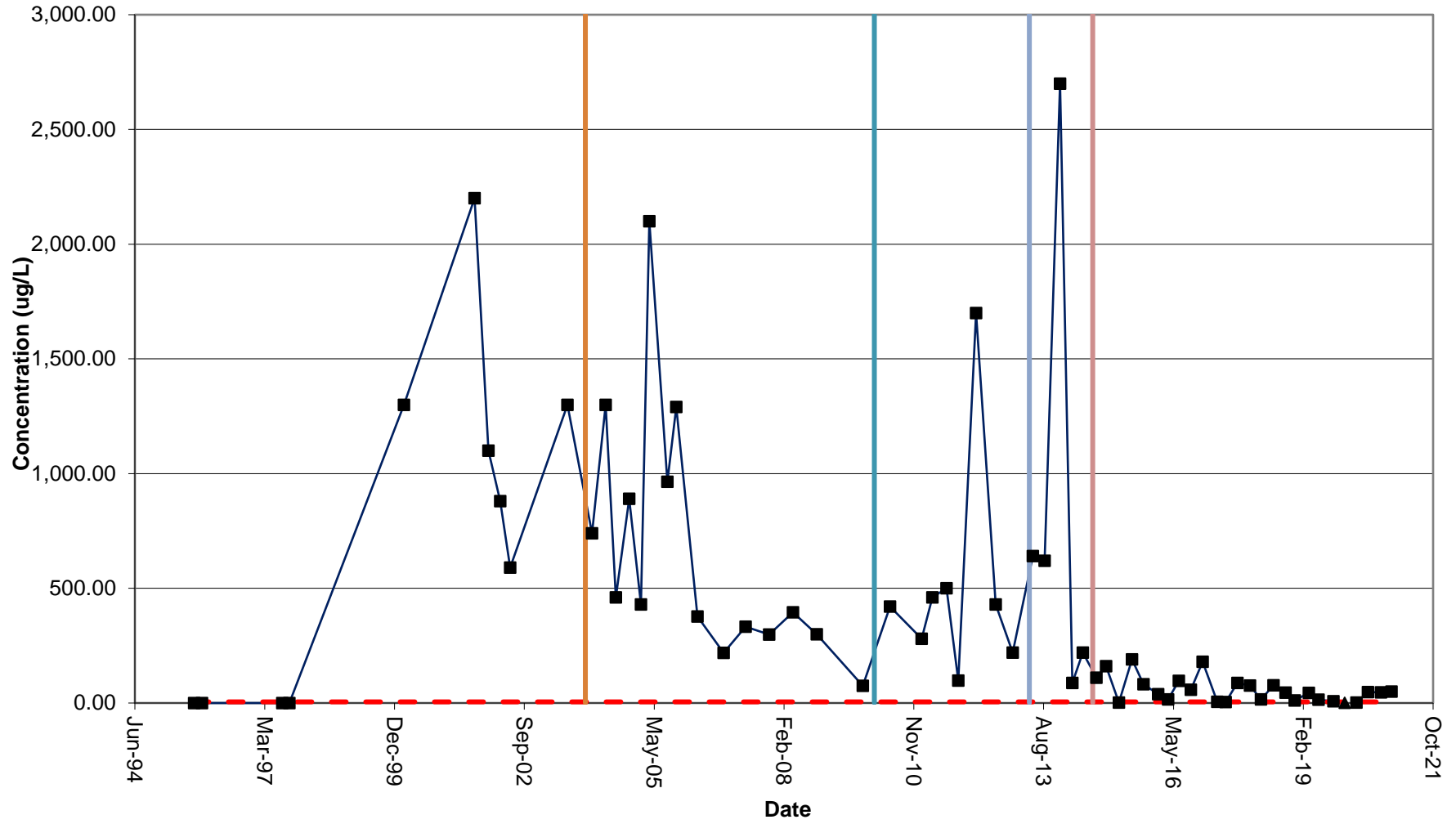
— cis-1,2-DCE ■ Detect ▲ Non-Detect - - - NYSDEC Class GA Std | Pumping began | Pump shutdown | Pumping restarted | RW-3 on line

MW-5S: TCE



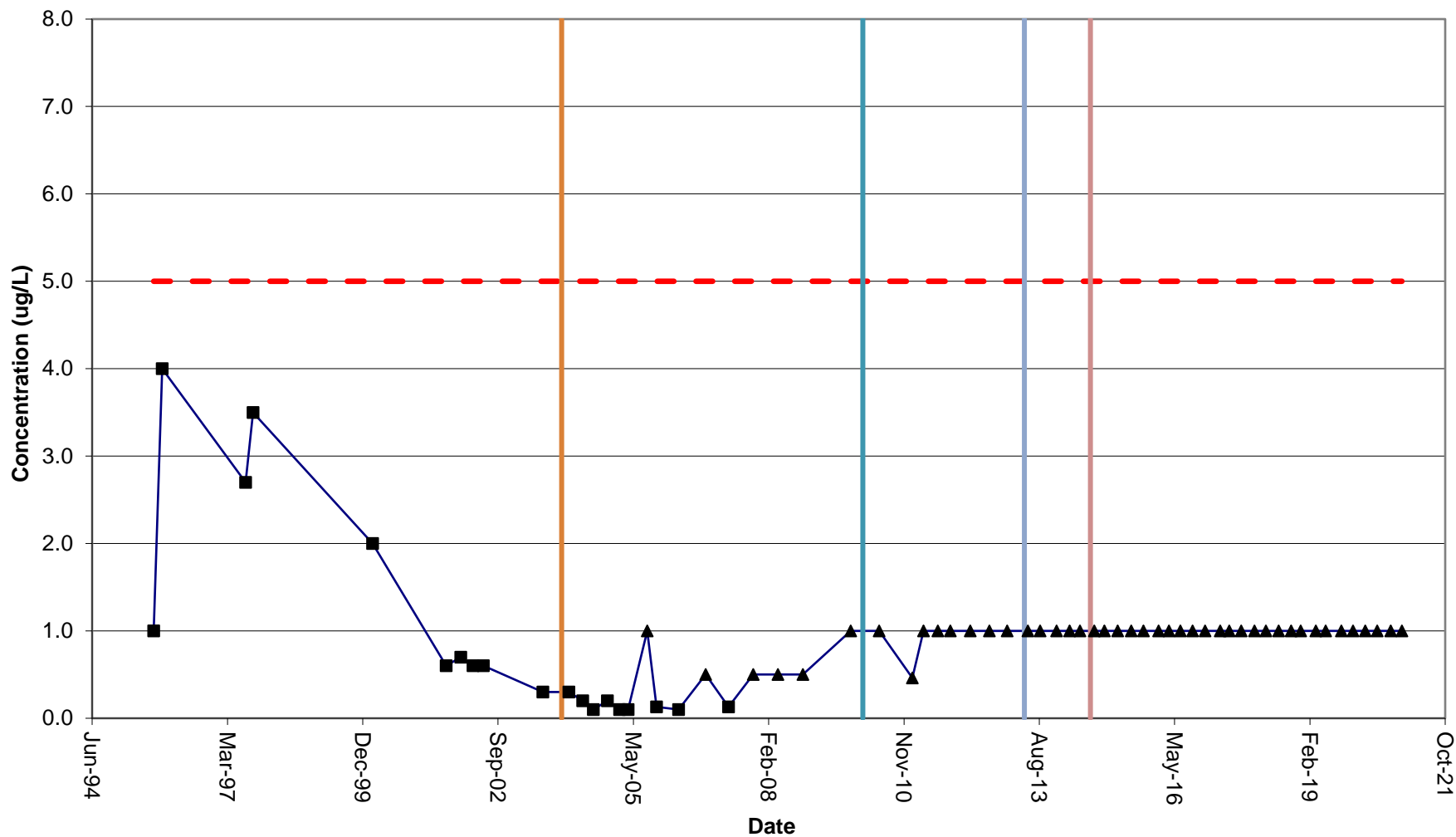
— TCE ■ Detect ▲ Non-Detect - - - TCE NYSDEC Class GA Std — Pumping began — Pump shutdown — Pumping restarted — RW-3 on line

MW-5S: cis-1,2-DCE



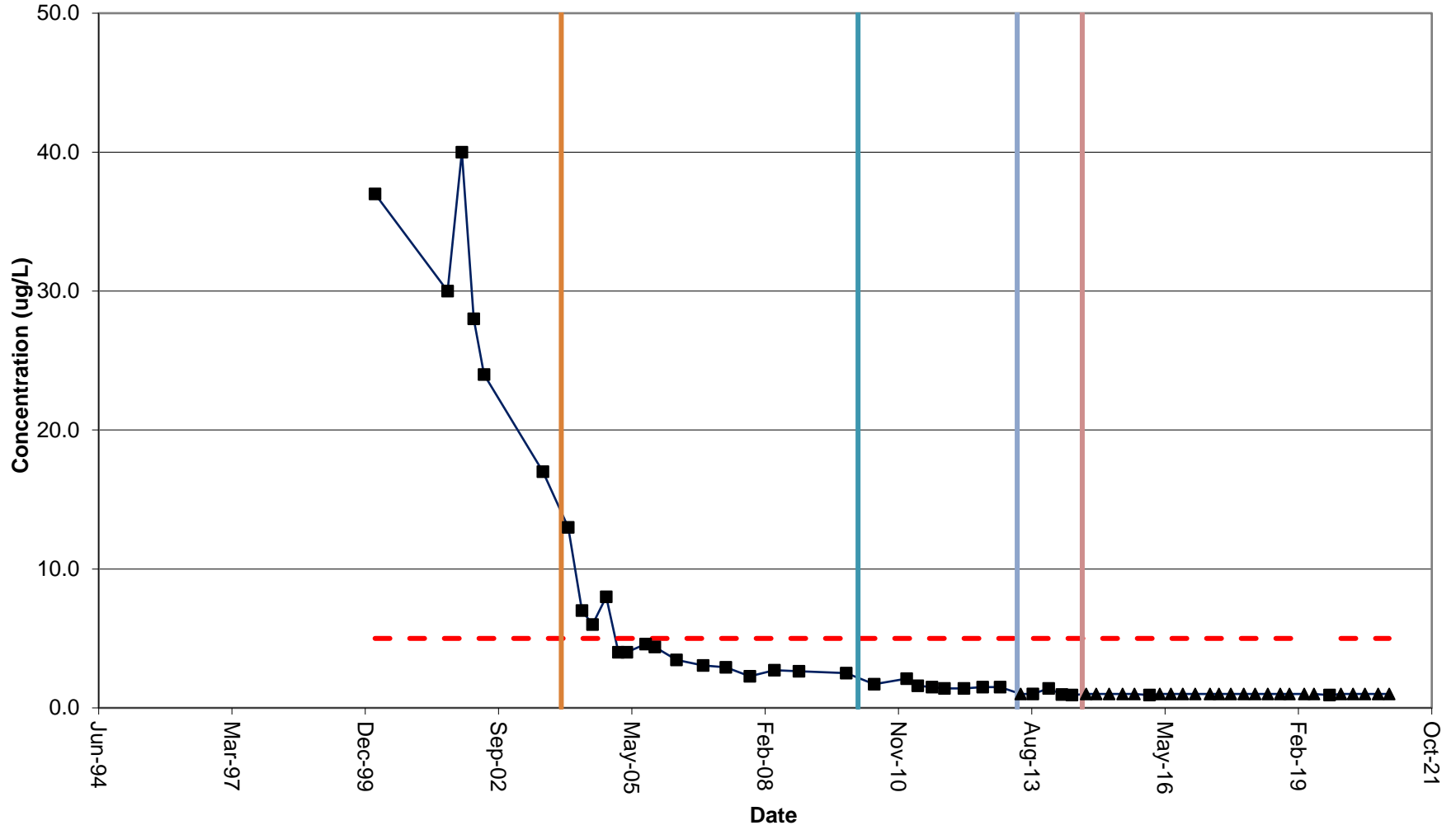
— DCE ■ Detect ▲ Non-Detect - - - DCE NYSDEC Class GA Std — Pumping began — Pump shutdown — Pumping restarted — RW-3 on line

MW-5D: TCE



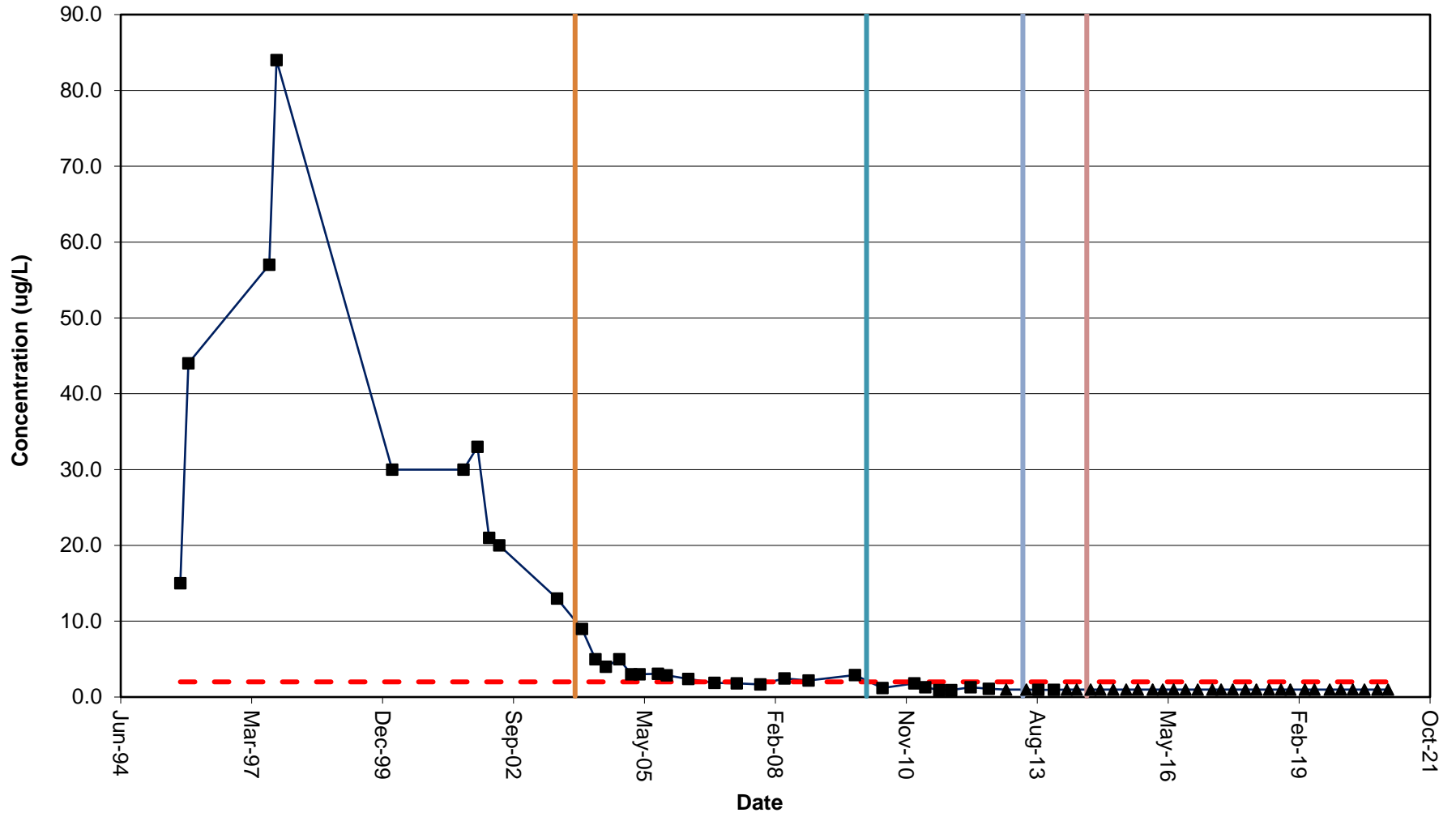
— TCE ■ Detect ▲ Non-Detect - - - NYSDEC Class GA Std — Pumping began — Pump shutdown — Pumping restarted — RW-3 on line

MW-5D: cis-1,2-DCE



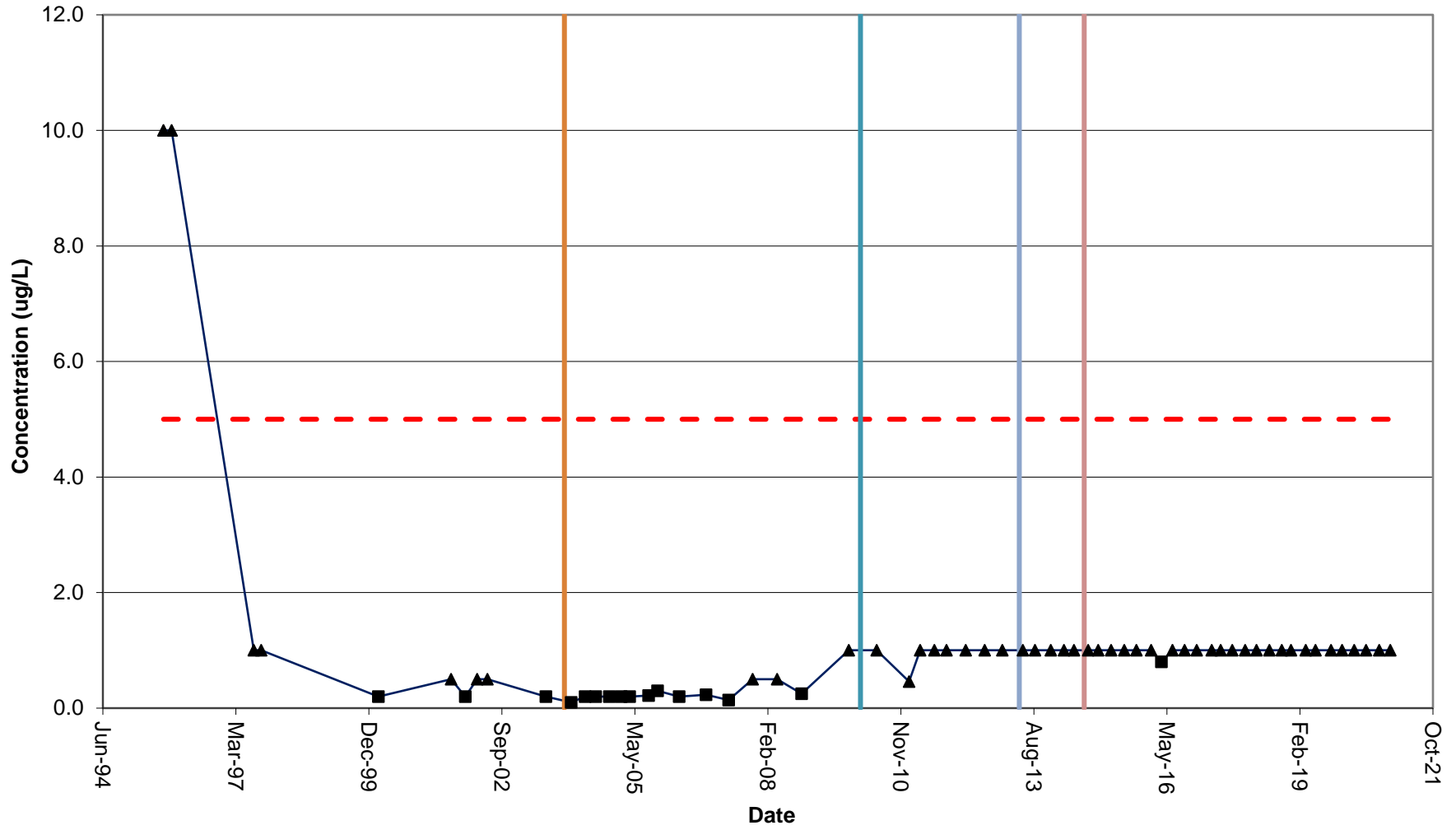
— cis-1,2-DCE ■ Detect ▲ Non-Detect - - - NYSDEC Class GA Std | Pumping began | Pump shutdown | Pumping restarted | RW-3 on line

MW-5D: Vinyl Chloride



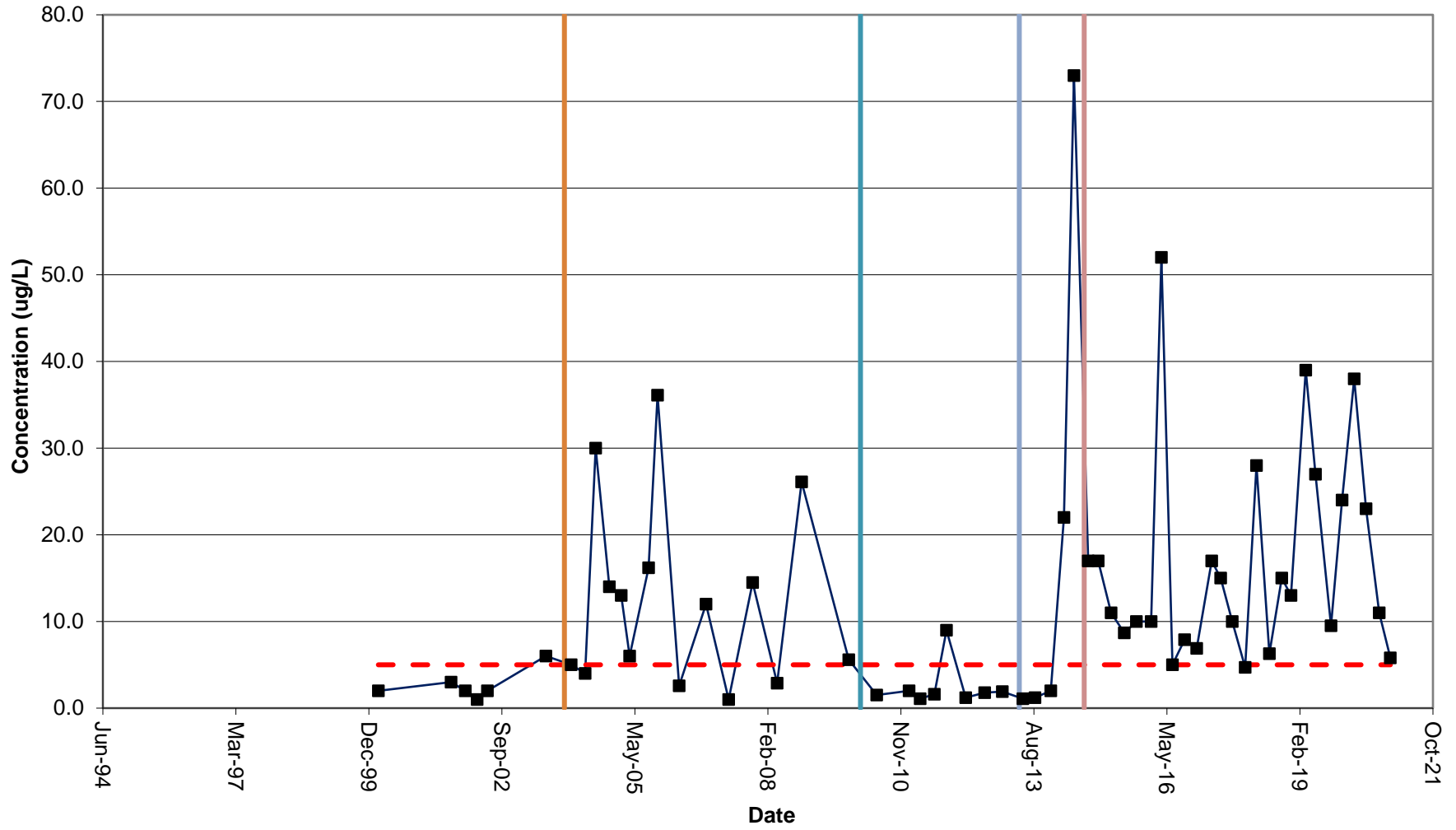
— Vinyl Chloride ■ Detect ▲ Non-Detect - - - NYSDEC Class GA Std — Pumping began — Pump shutdown — Pumping restarted — RW-3 on line

MW-6S: TCE



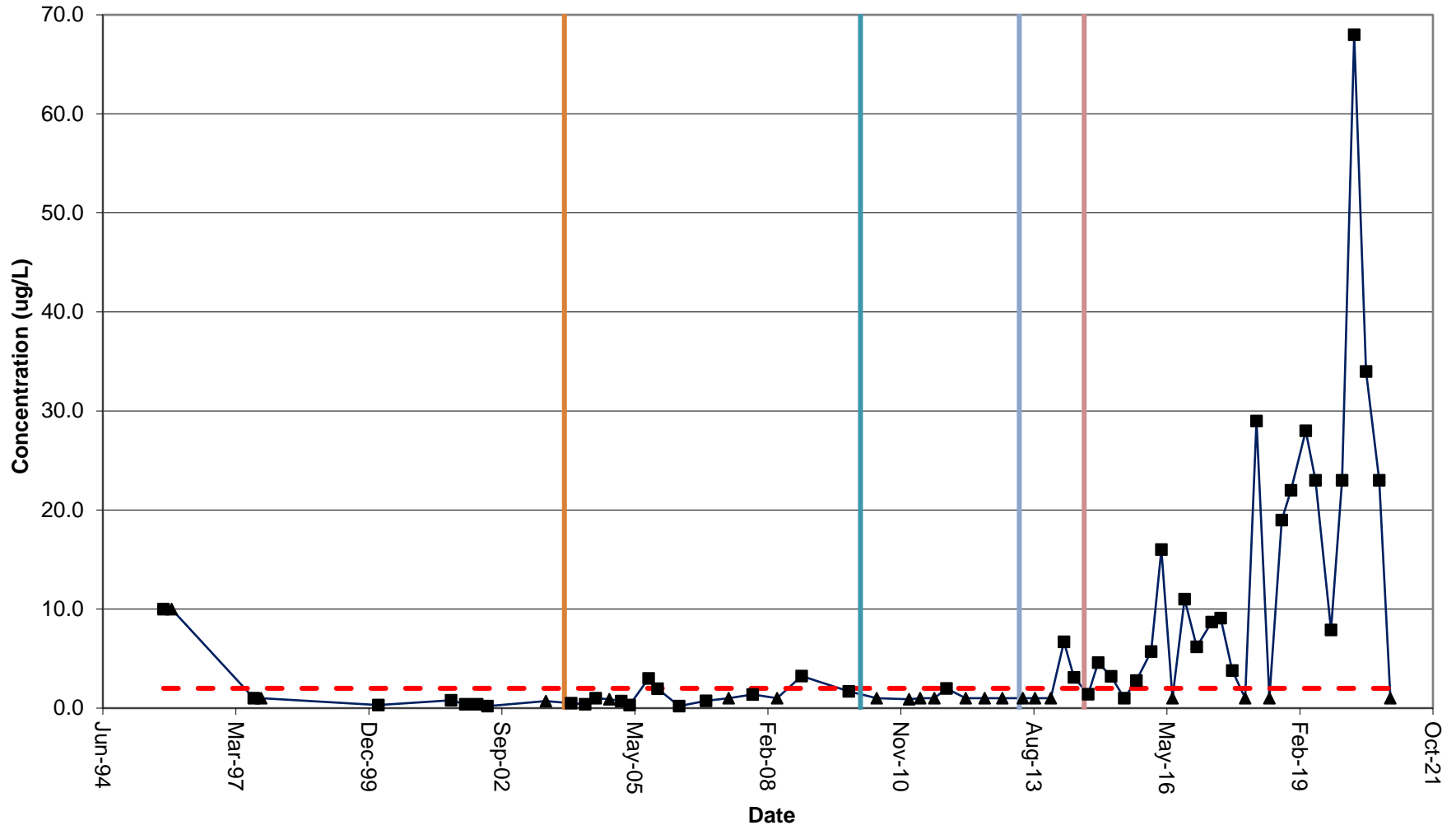
— TCE ■ Detect ▲ Non-Detect - - - NYSDEC Class GA Std — Pumping began — Pump shutdown — Pumping restarted — RW-3 on line

MW-6S: cis-1,2-DCE



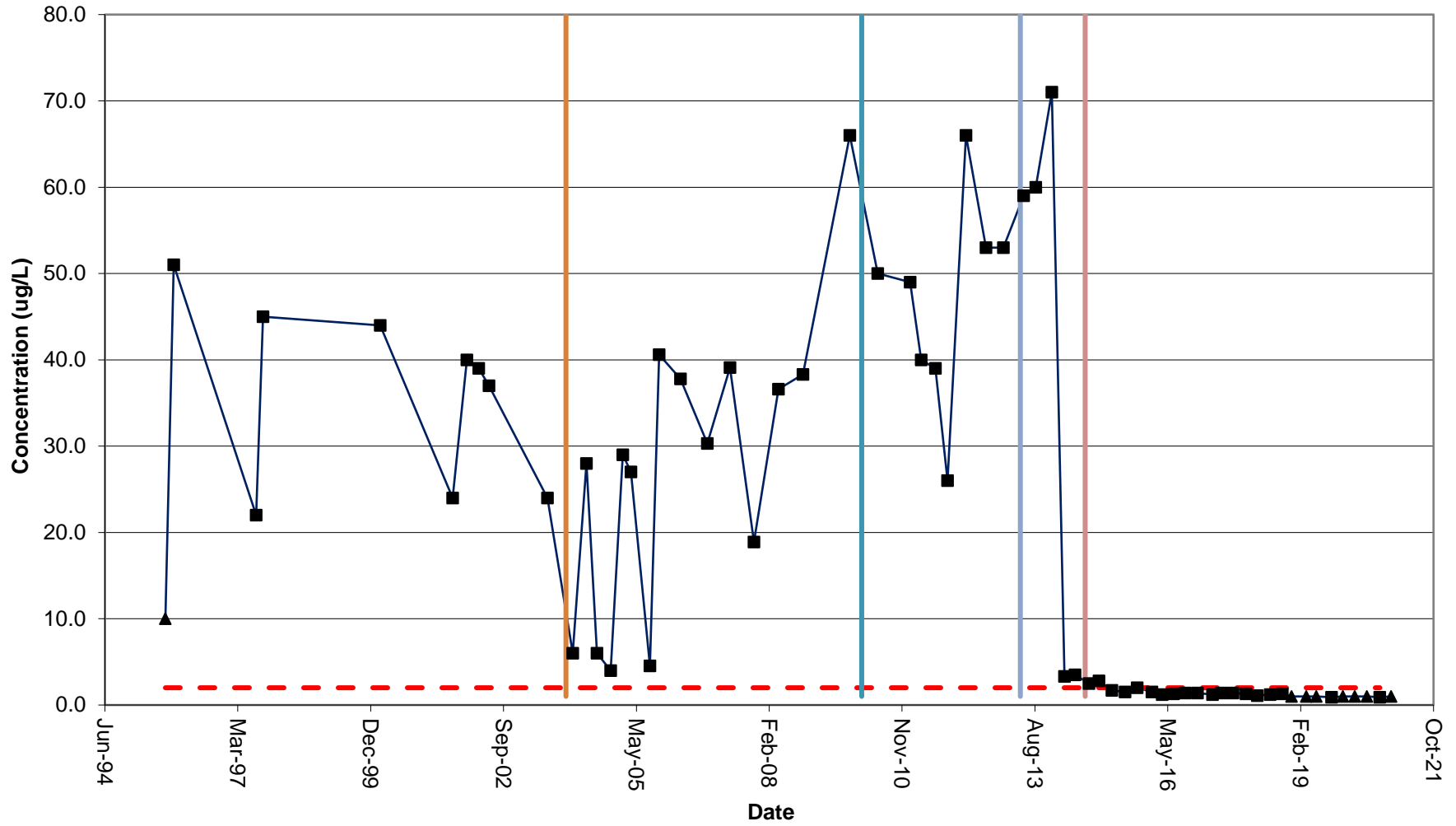
— cis-1,2-DCE ■ Detect ▲ Non-Detect - - - NYSDEC Class GA Std | Pumping began | Pump shutdown | Pumping restarted | RW-3 on line

MW-6S: Vinyl Chloride



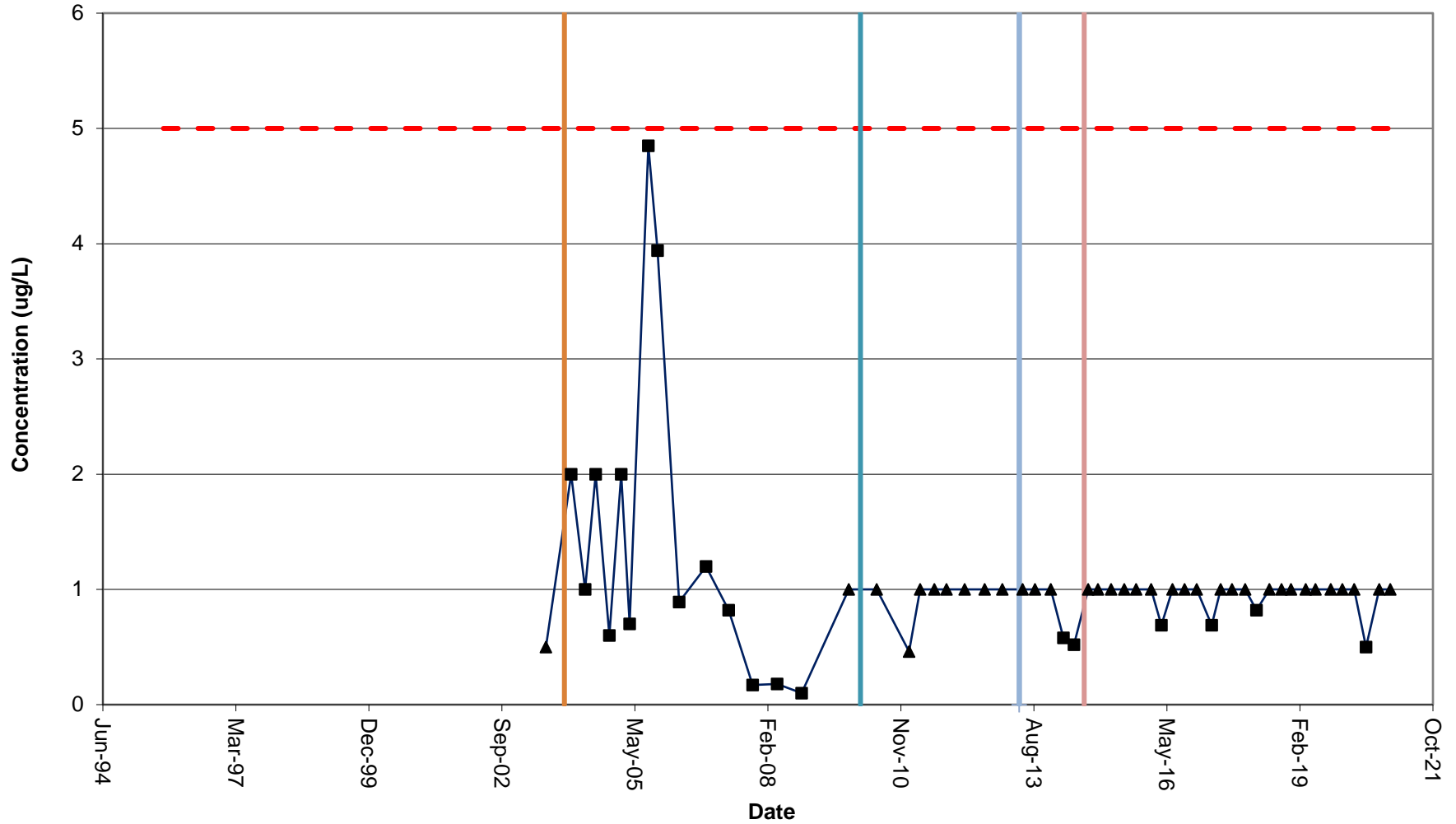
— Vinyl Chloride ■ Detect ▲ Non-Detect - - - NYSDEC Class GA Std — Pumping began — Pump shutdown — Pumping restarted — RW-3 on line

MW-6D: Vinyl Chloride



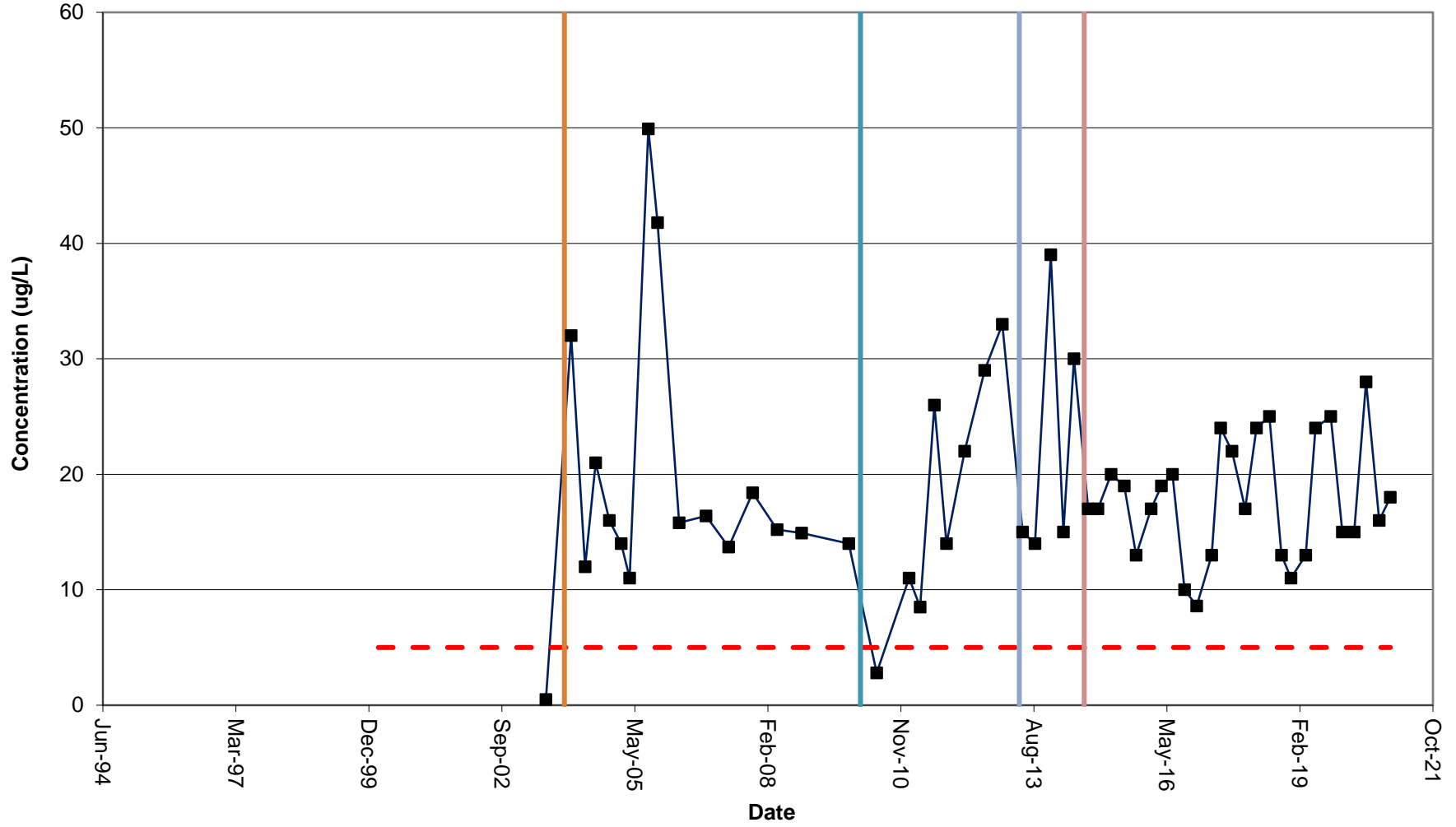
— Vinyl Chloride ■ Detect ▲ Non-Detect - - - - - NYSDEC Class GA Std | Pumping began | Pump shutdown | Pumping restarted | RW-3 on line

MW-6DD: TCE



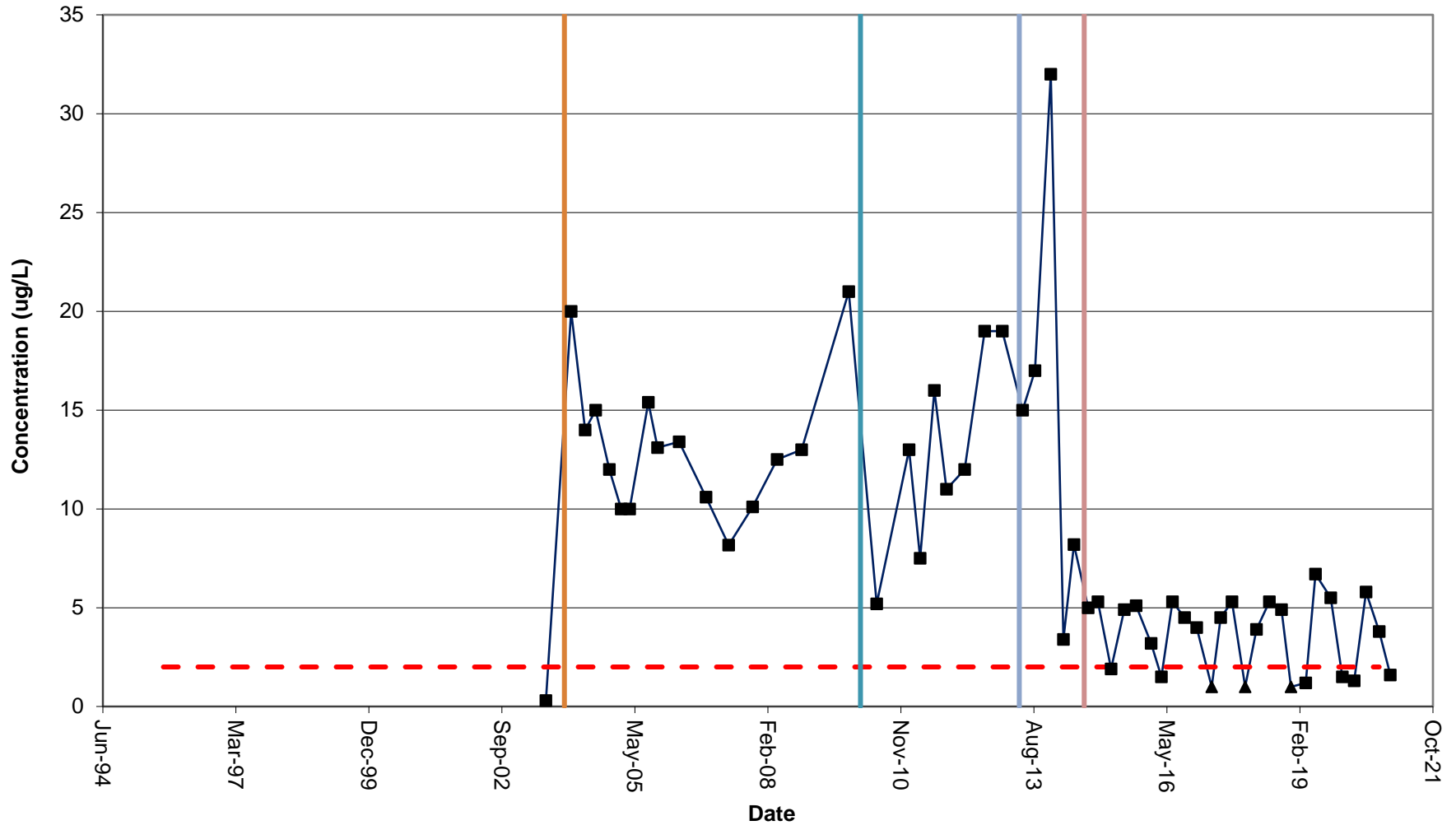
— TCE ■ Detect ▲ Non-Detect - - - NYSDEC Class GA Std | Pumping began
— Pump shutdown | Pumping restarted | Pumping restarted | RW-3 on line

MW-6DD: cis-1,2-DCE



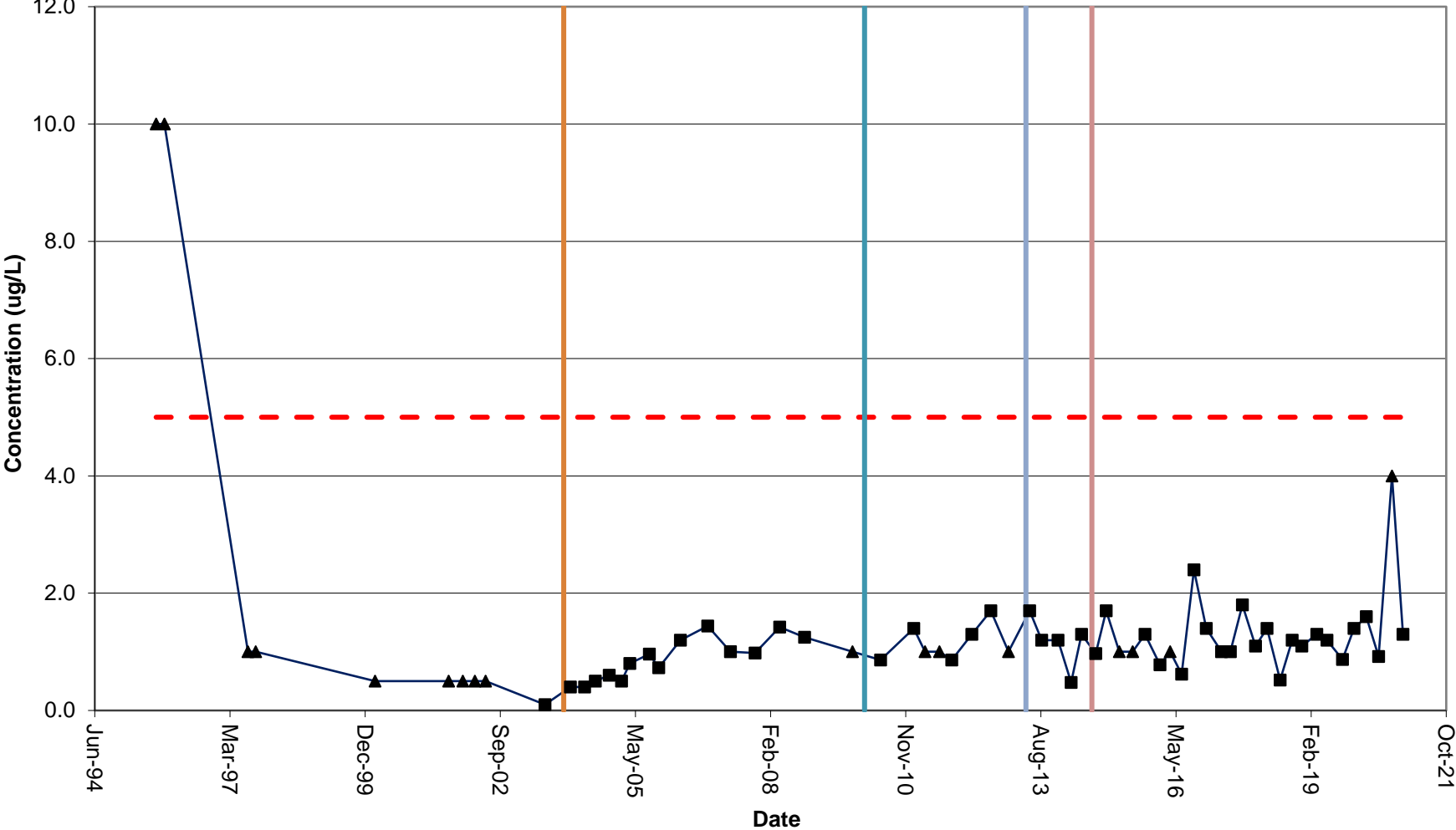
— cis-1,2-DCE ■ Detect ▲ Non-Detect - - - NYSDEC Class GA Std — Pumping began — Pump shutdown — Pumping restarted — RW-3 on line

MW-6DD: Vinyl Chloride



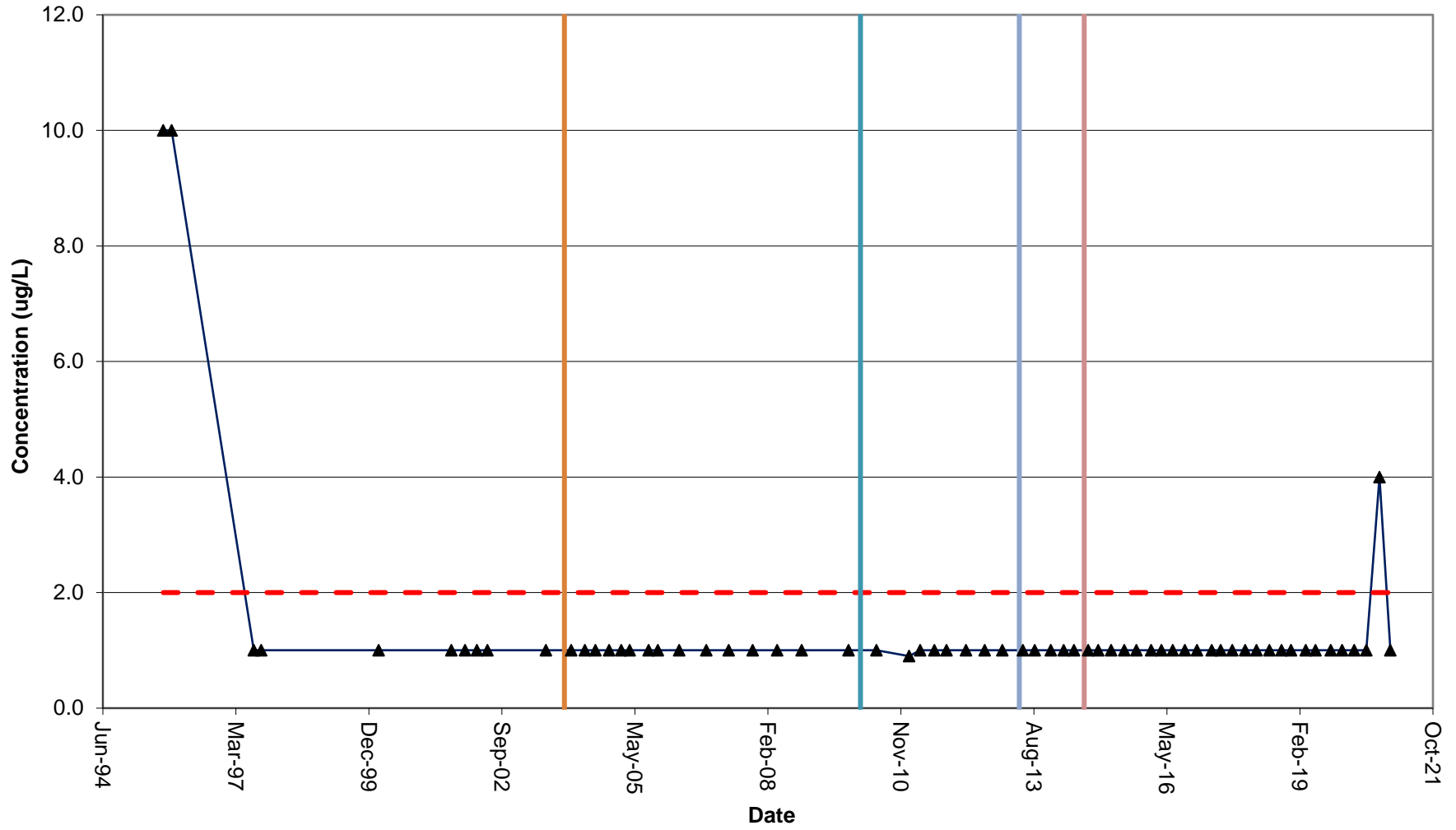
— Vinyl Chloride ■ Detect ▲ Non-Detect - - - NYSDEC Class GA Std — Pumping began — Pump shutdown — Pumping restarted — RW-3 on line

MW-7S: TCE



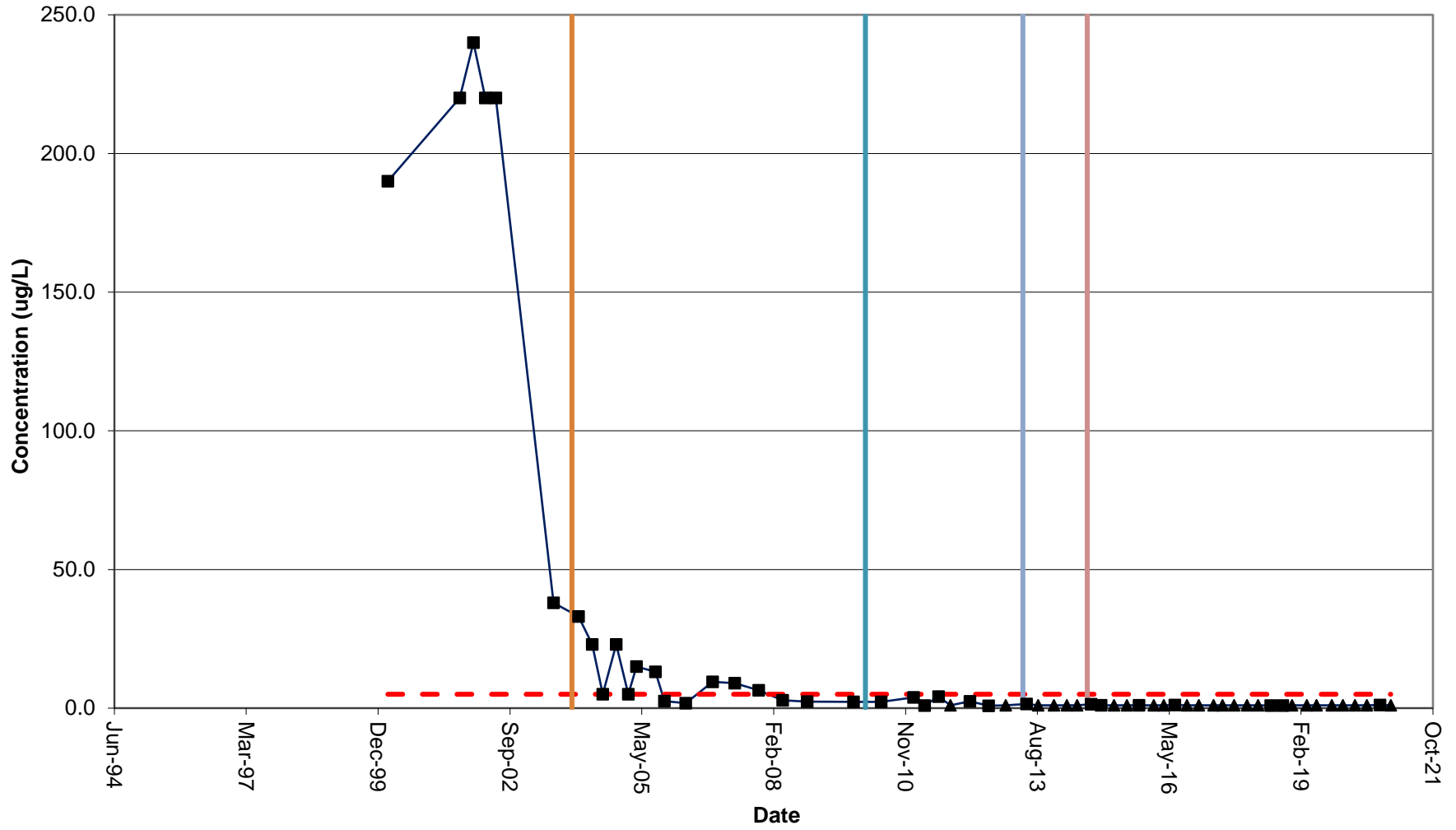
— TCE ■ Detect ▲ Non-Detect - - - NYSDEC Class GA Std | Pumping began | Pump shutdown | Pumping restarted | RW-3 on line

MW-7S: Vinyl Chloride



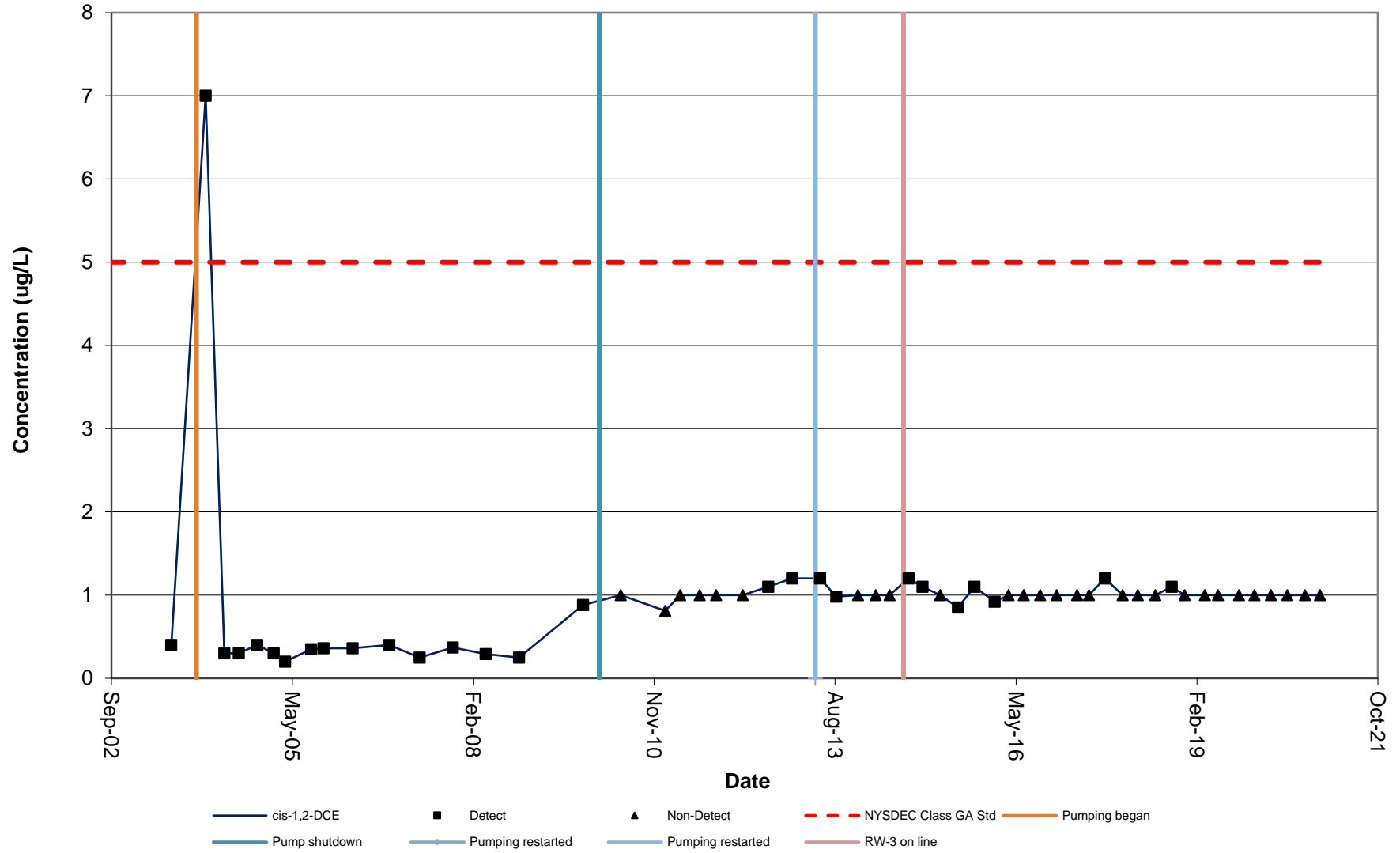
— Vinyl Chloride ■ Detect ▲ Non-Detect - - - NYSDEC Class GA Std — Pumping began — Pump shutdown — Pumping restarted — RW-3 on line

MW-7D: cis-1,2-DCE

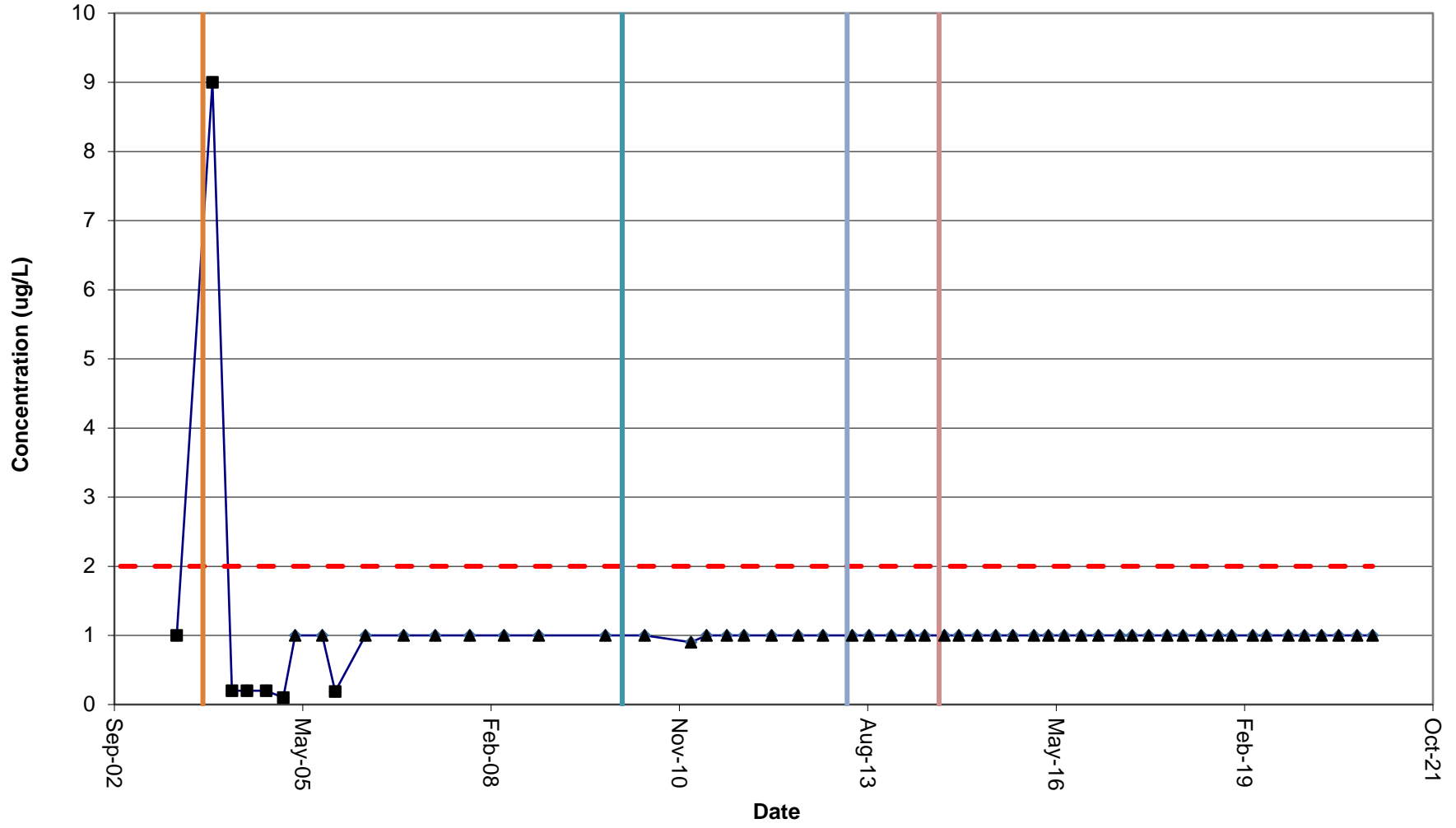


— cis-1,2-DCE ■ Detect ▲ Non-Detect - - - NYSDEC Class GA Std | Pumping began | Pump shutdown | Pumping restarted | RW-3 on line

MW-7DD: cis-1,2-DCE

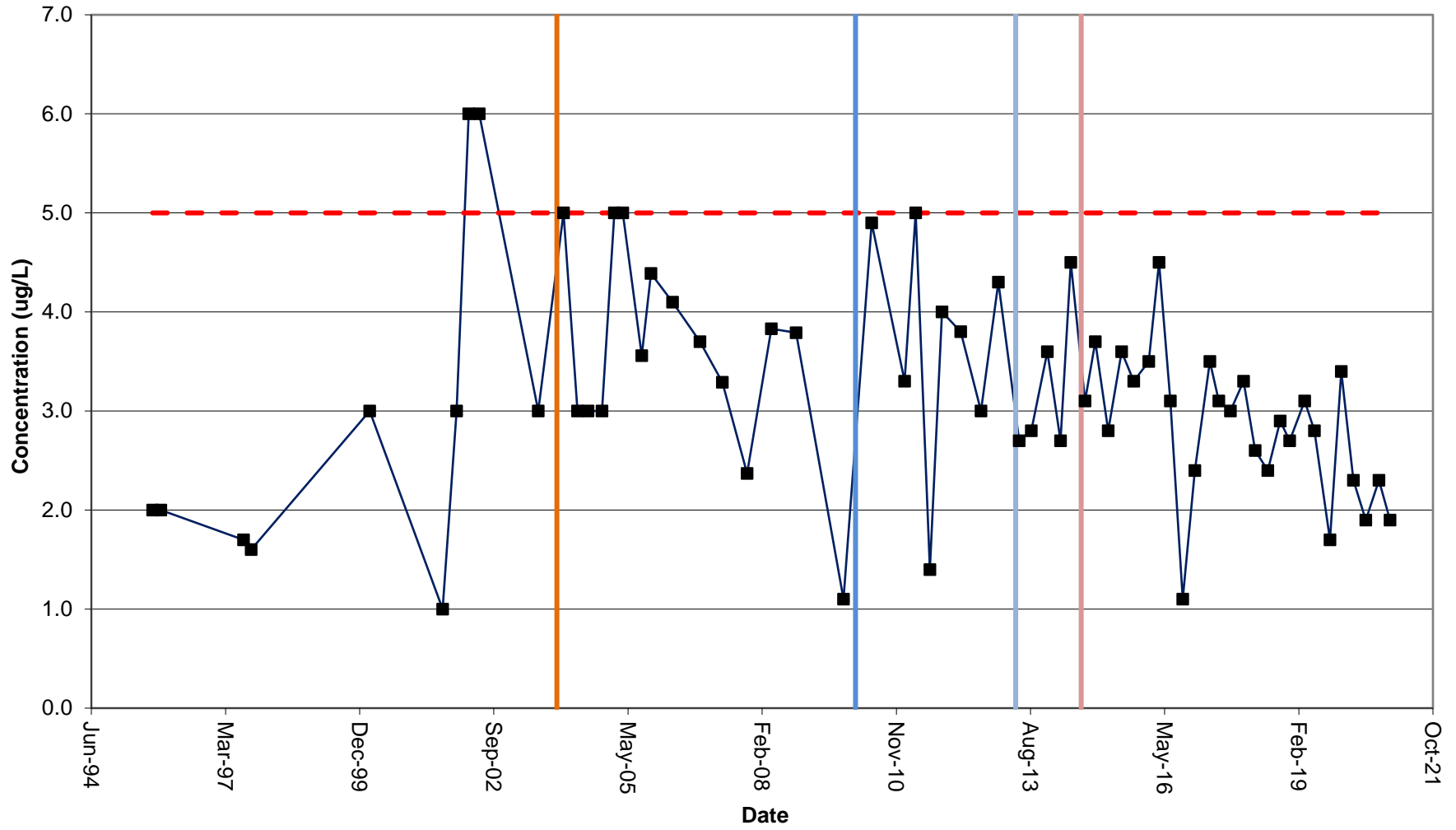


MW-7DD: Vinyl Chloride



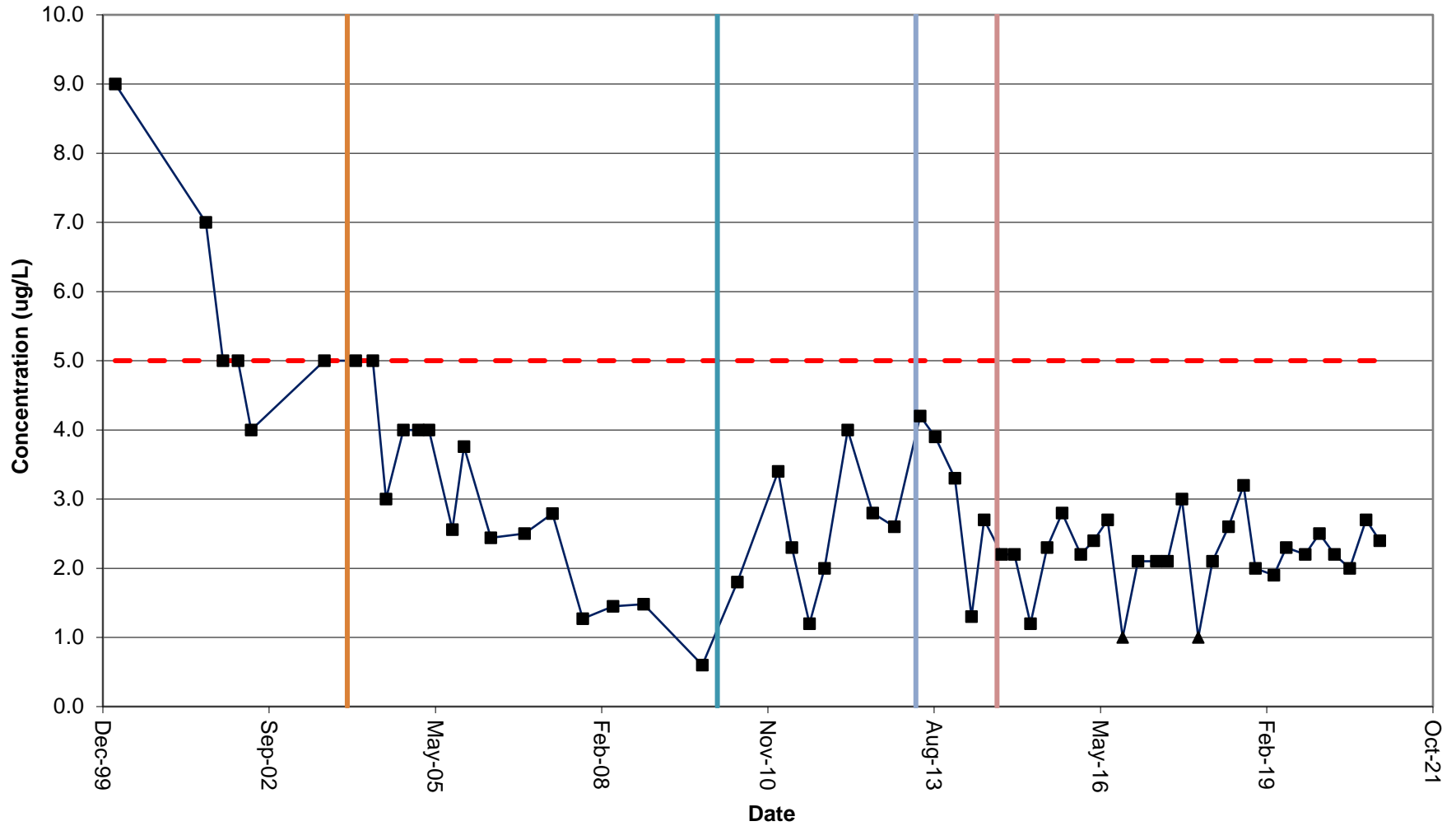
Legend: Vinyl chloride (blue line with diamond), Detect (black square), Non-Detect (black triangle), NYSDEC Class GA Std (red dashed line), Pumping began (orange vertical line), Pump shutdown (teal vertical line), Pumping restarted (blue vertical line), RW-3 on line (red vertical line)

MW-8S: TCE



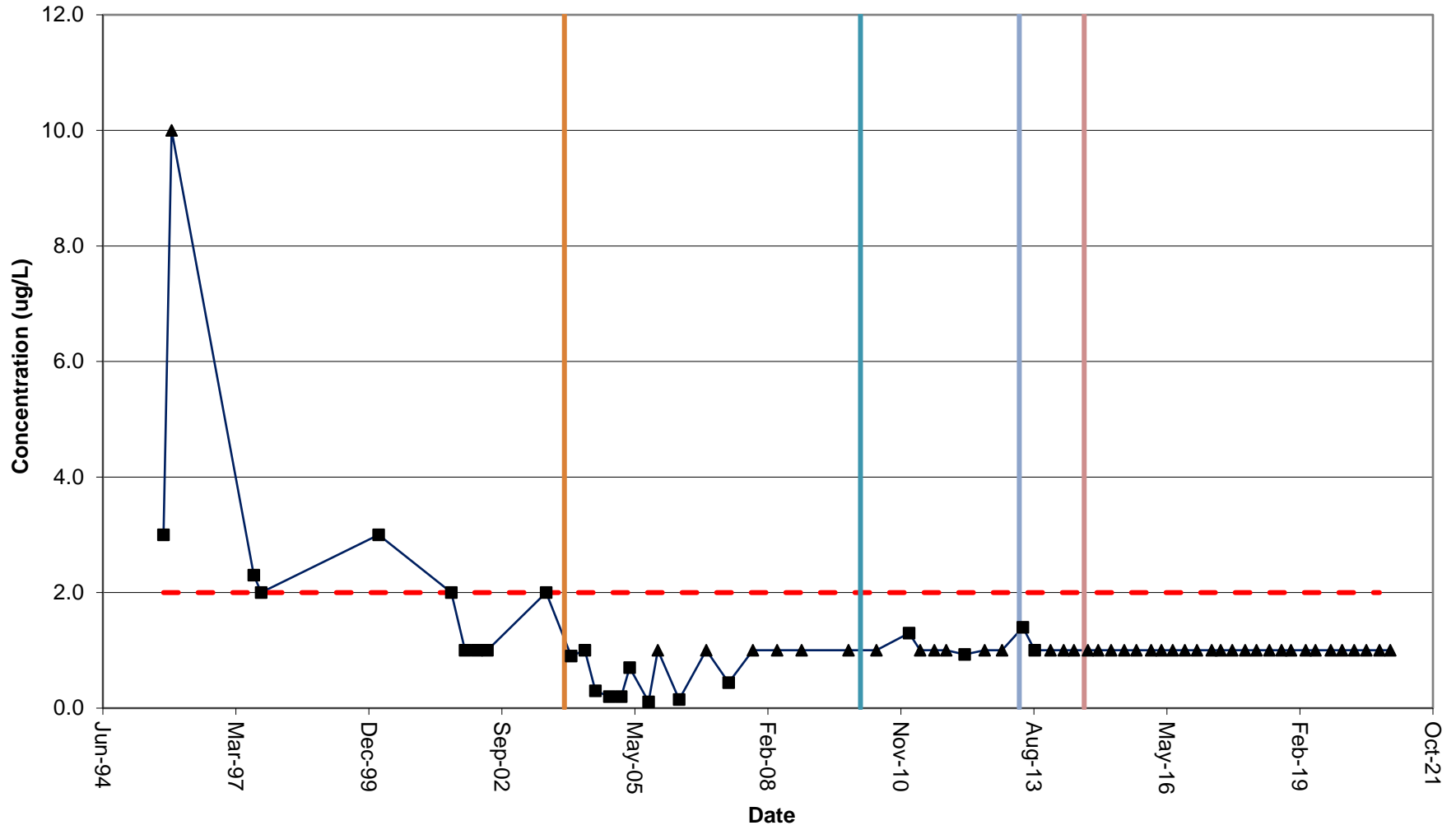
— TCE ■ Detect ▲ Non-Detect - - - NYSDEC Class GA Std — Pumping began — Pump shutdown — Pumping restarted — RW-3 on line

MW-8S: cis-1,2-DCE



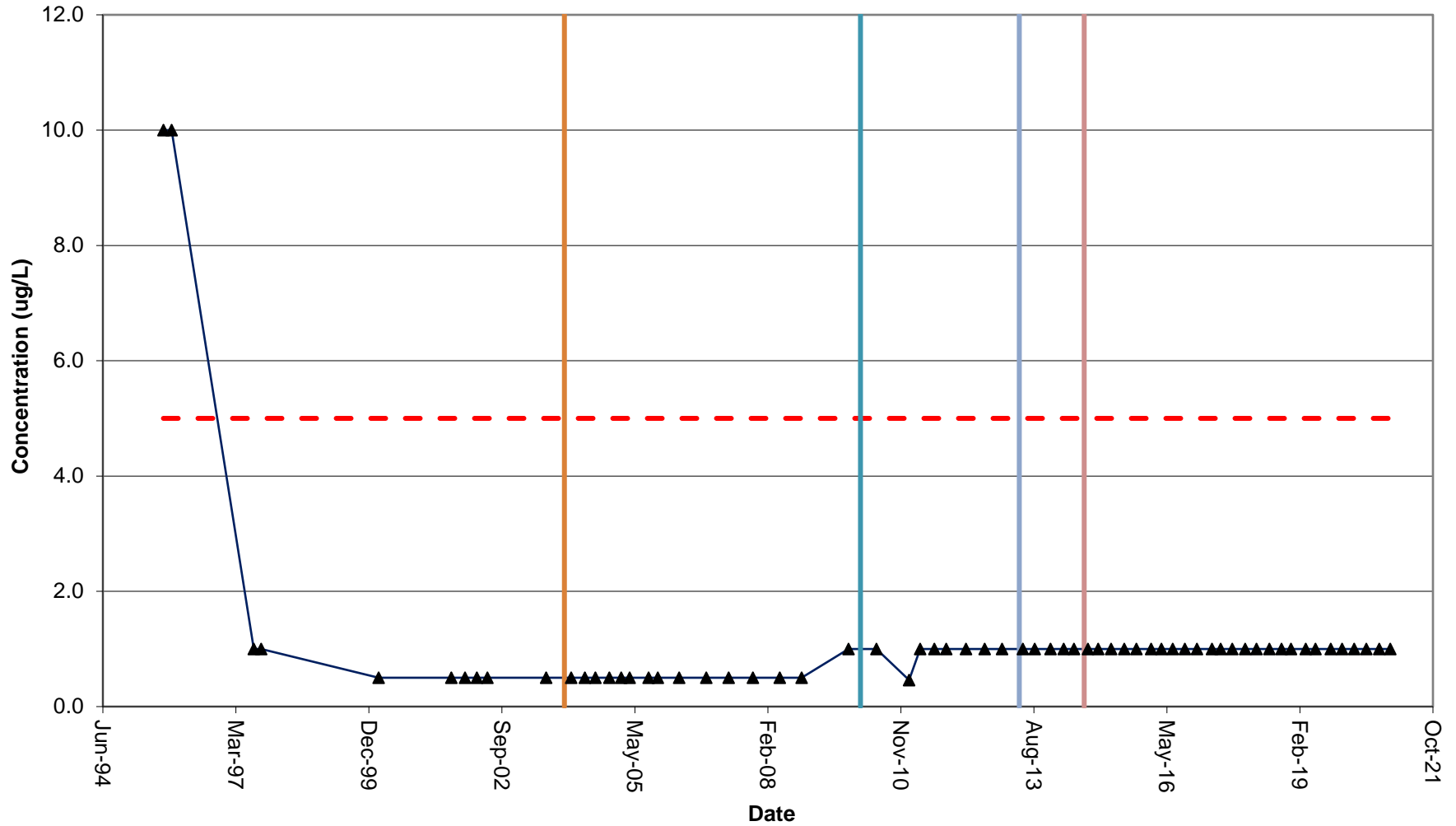
— cis-1,2-DCE ■ Detect ▲ Non-Detect - - - NYSDEC Class GA Std | Pumping began | Pump shutdown | Pumping restarted | RW-3 on line

MW-8S: Vinyl Chloride



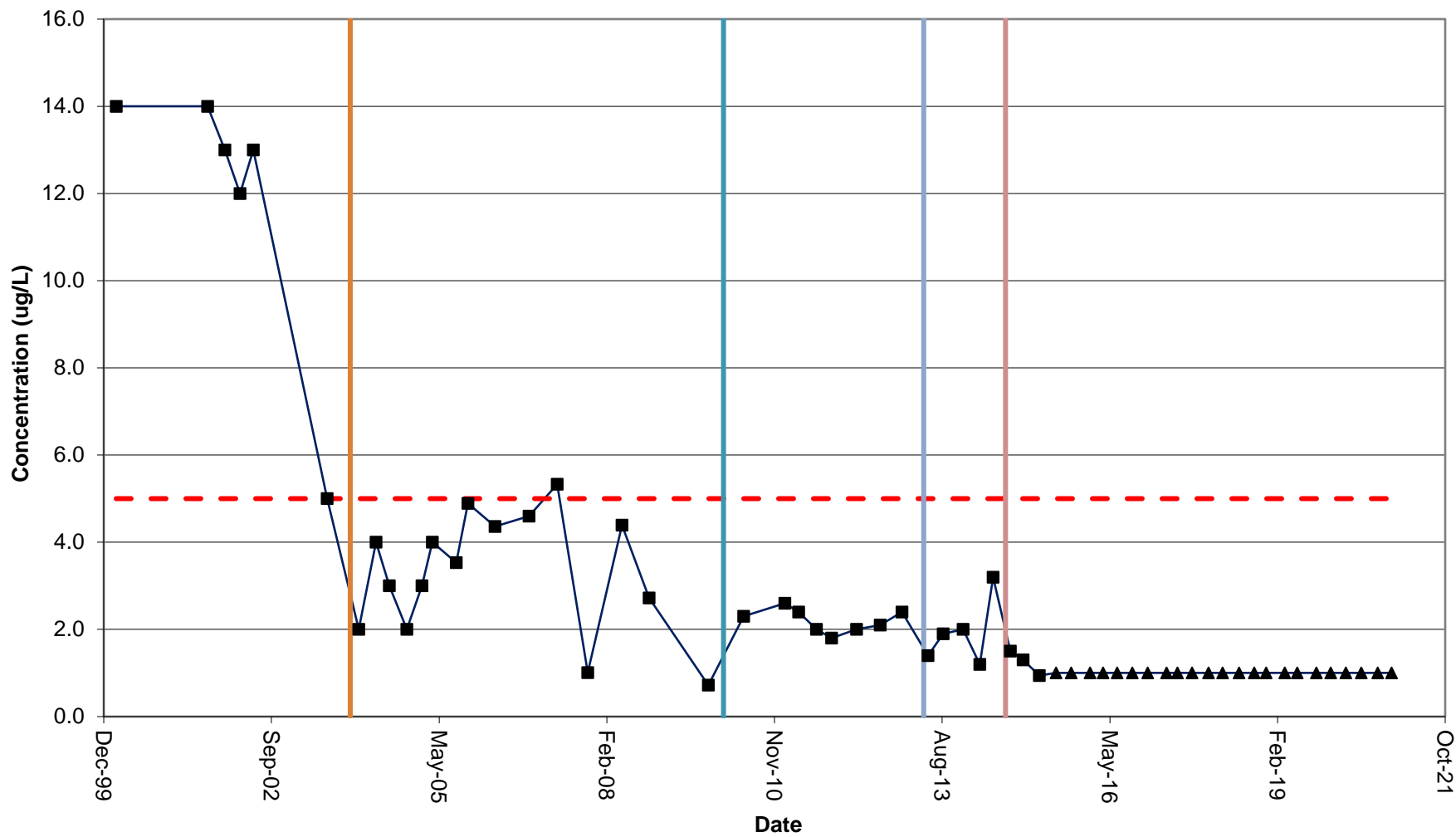
— Vinyl Chloride ■ Detect ▲ Non-Detect - - - NYSDEC Class GA Std | Pumping began | Pump shutdown | Pumping restarted | RW-3 on line

MW-8D: TCE



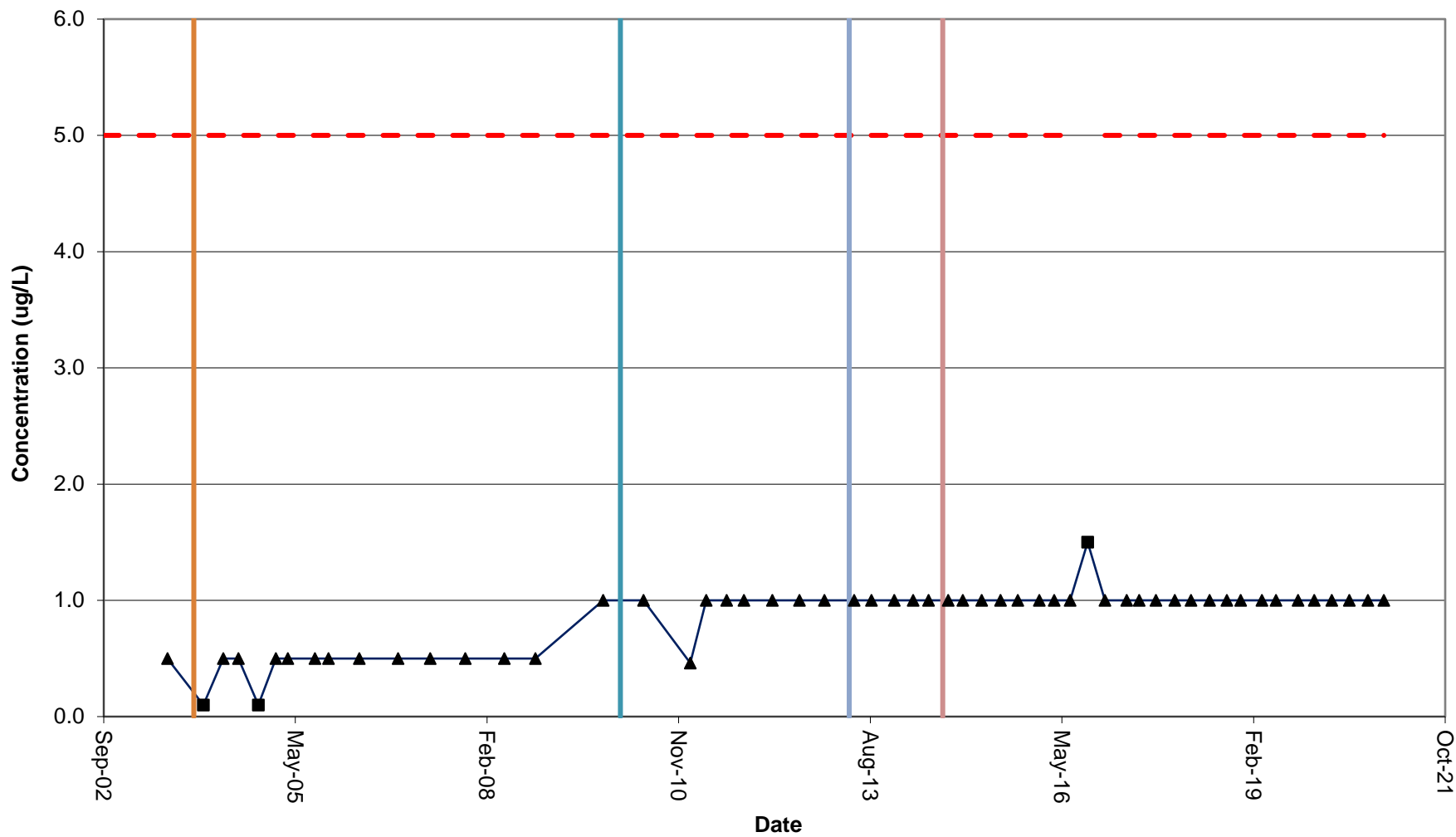
— TCE ■ Detect ▲ Non-Detect - - - NYSDEC Class GA Std — Pumping began — Pump shutdown — Pumping restarted — RW-3 on line

MW-8D: cis-1,2-DCE



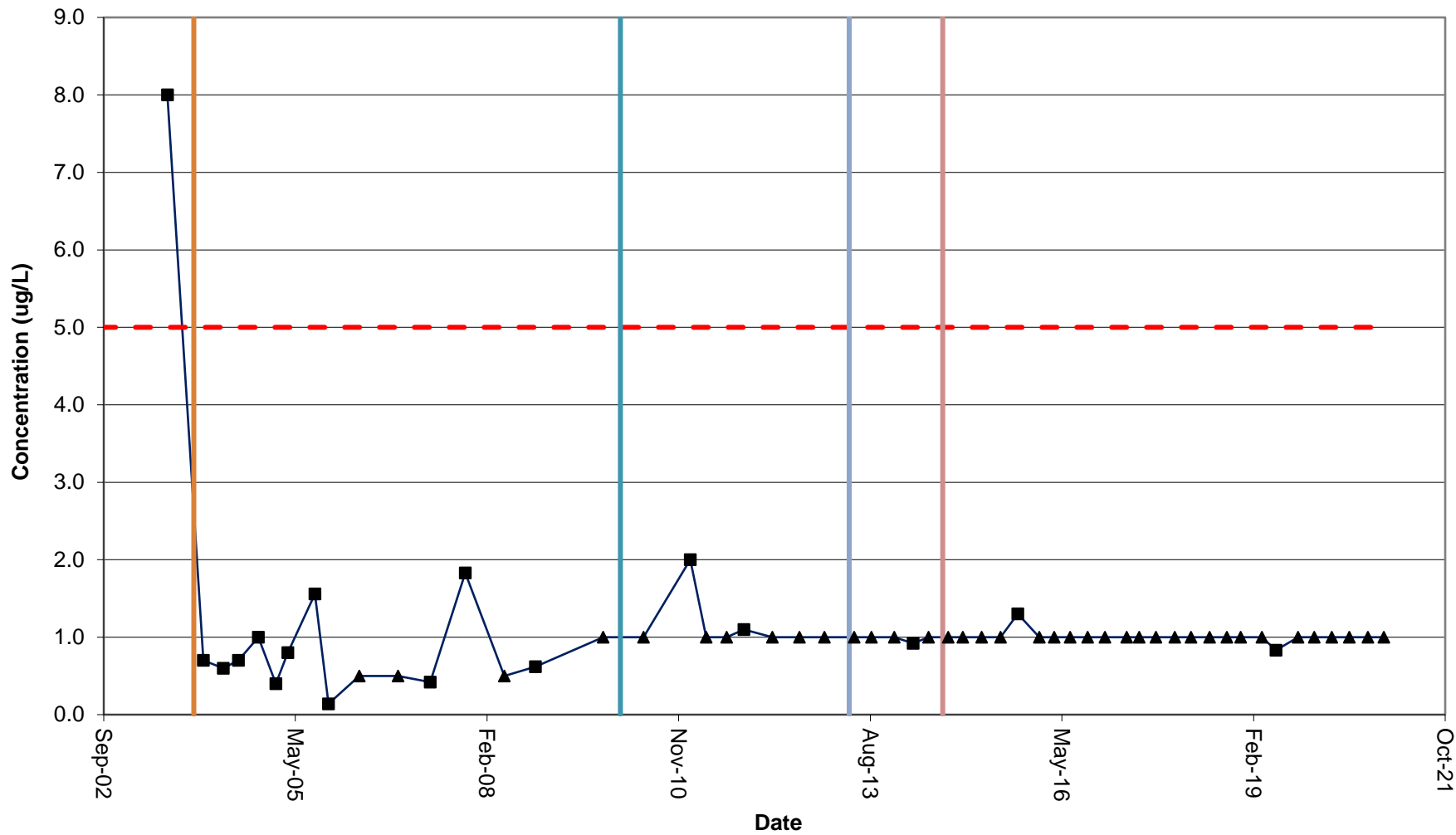
— cis-1,2-DCE ■ Detect ▲ Non-Detect - - - NYSDEC Class GA Std — Pumping began — Pump shutdown — Pumping restarted — RW-3 on line

MW-8DD: TCE



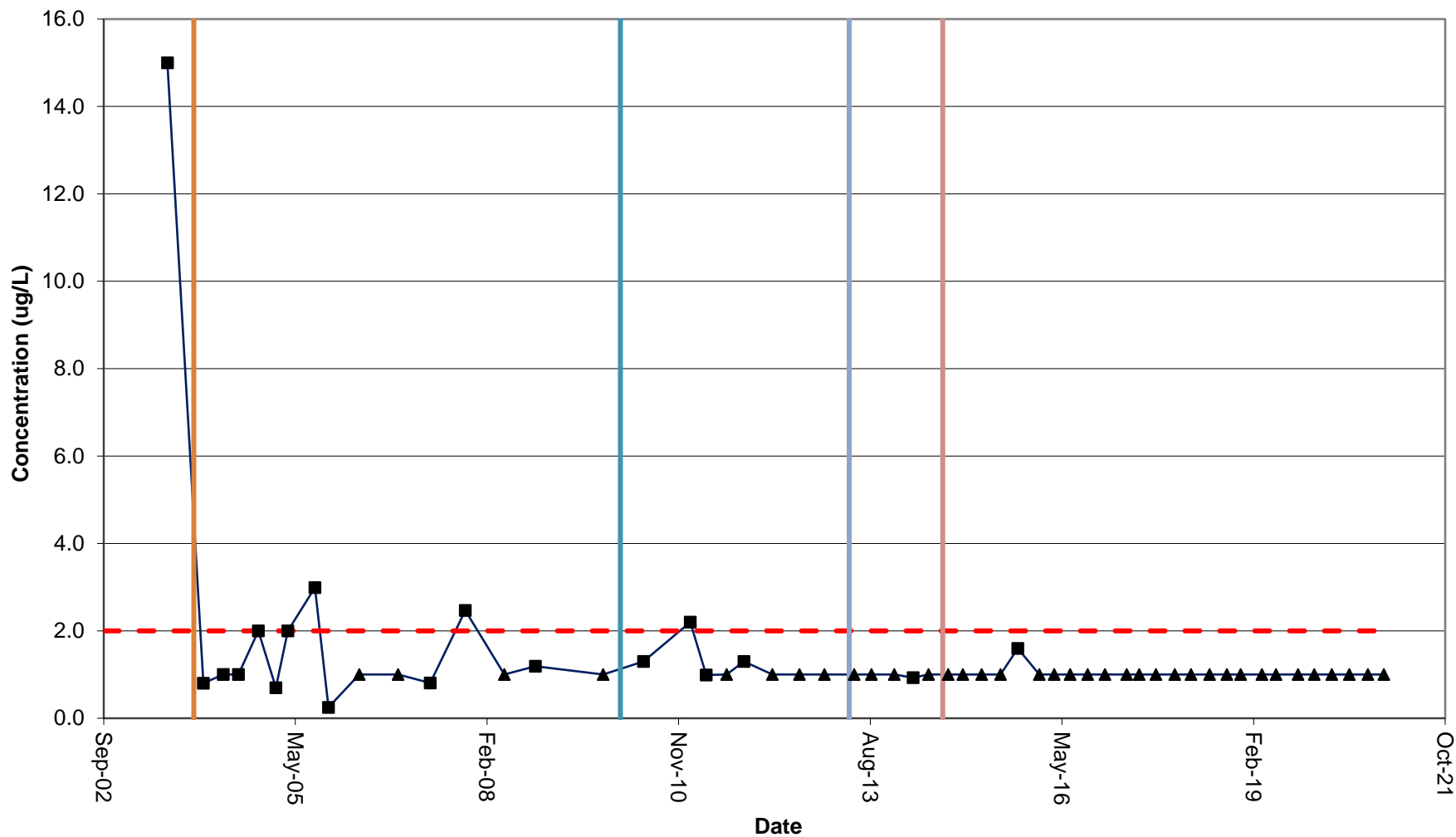
— TCE ■ Detect ▲ Non-Detect - - - NYSDEC Class GA Std — Pumping began — Pump shutdown — Pumping restarted — RW-3 on line

MW-8DD: cis-1,2-DCE



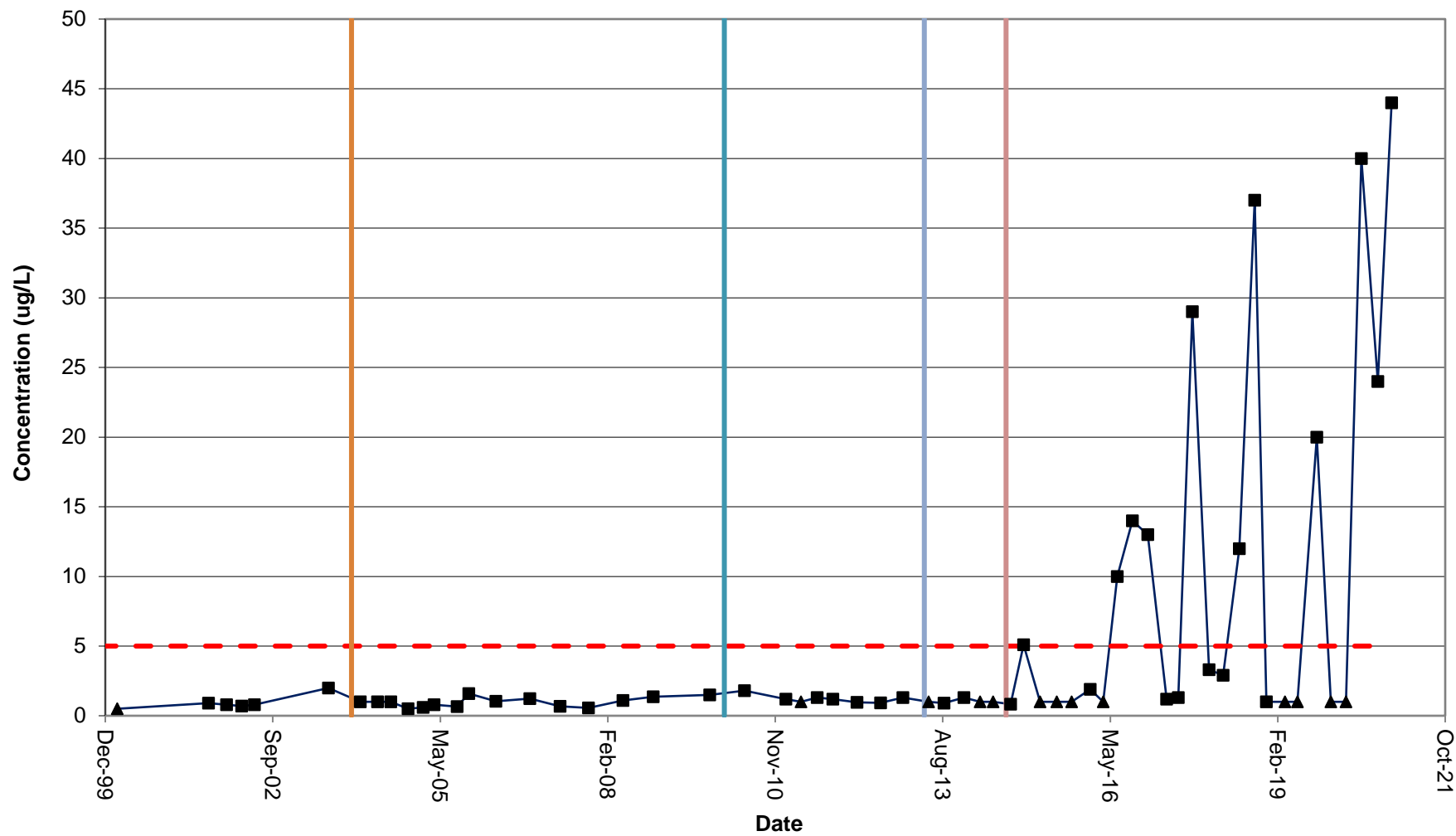
— cis-1,2-DCE ■ Detect ▲ Non-Detect - - - NYSDEC Class GA Std | Pumping began | Pump shutdown | Pumping restarted | RW-3 on line

MW-8DD: Vinyl Chloride



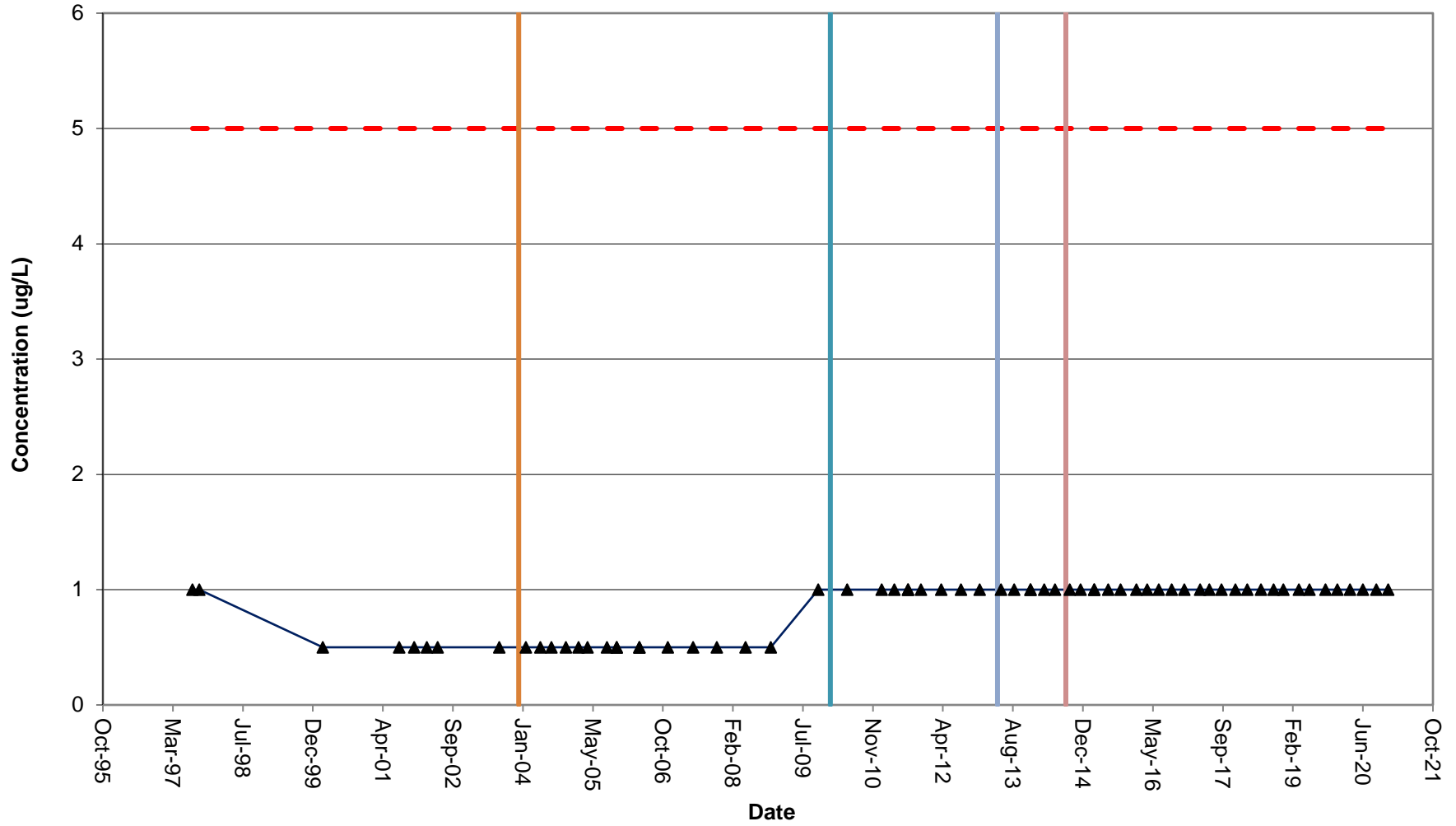
— Vinyl Chloride ■ Detect ▲ Non-Detect - - - NYSDEC Class GA Std — Pumping began — Pump shutdown — Pumping restarted — RW-3 on line

MW-10-S: cis-1,2 DCE



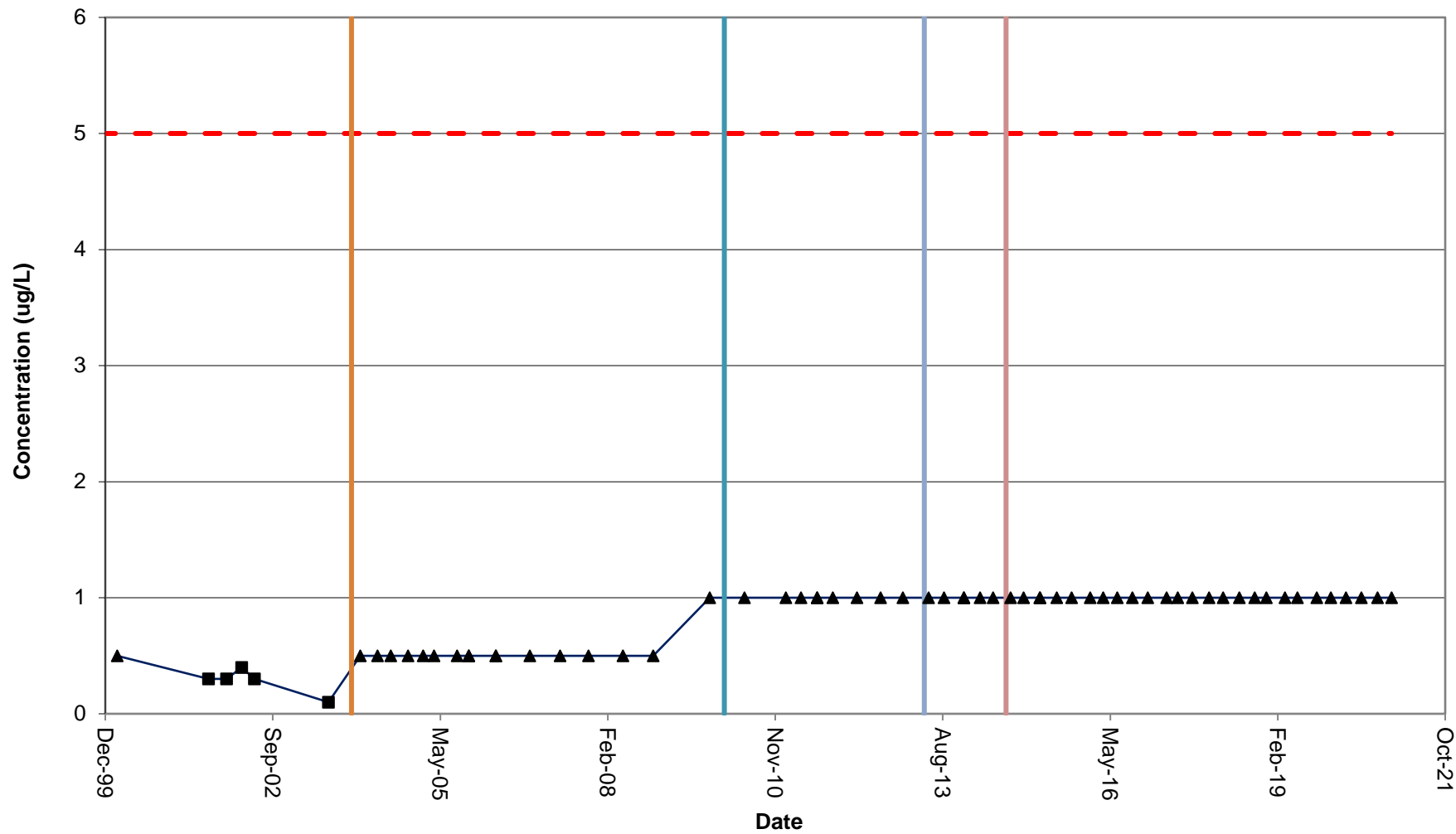
— cis-1,2-DCE ■ Detect ▲ Non-Detect - - - NYSDEC Class GA Std — Pumping began — Pump shutdown — Pumping restarted — RW-3 on line

MW-10D: TCE



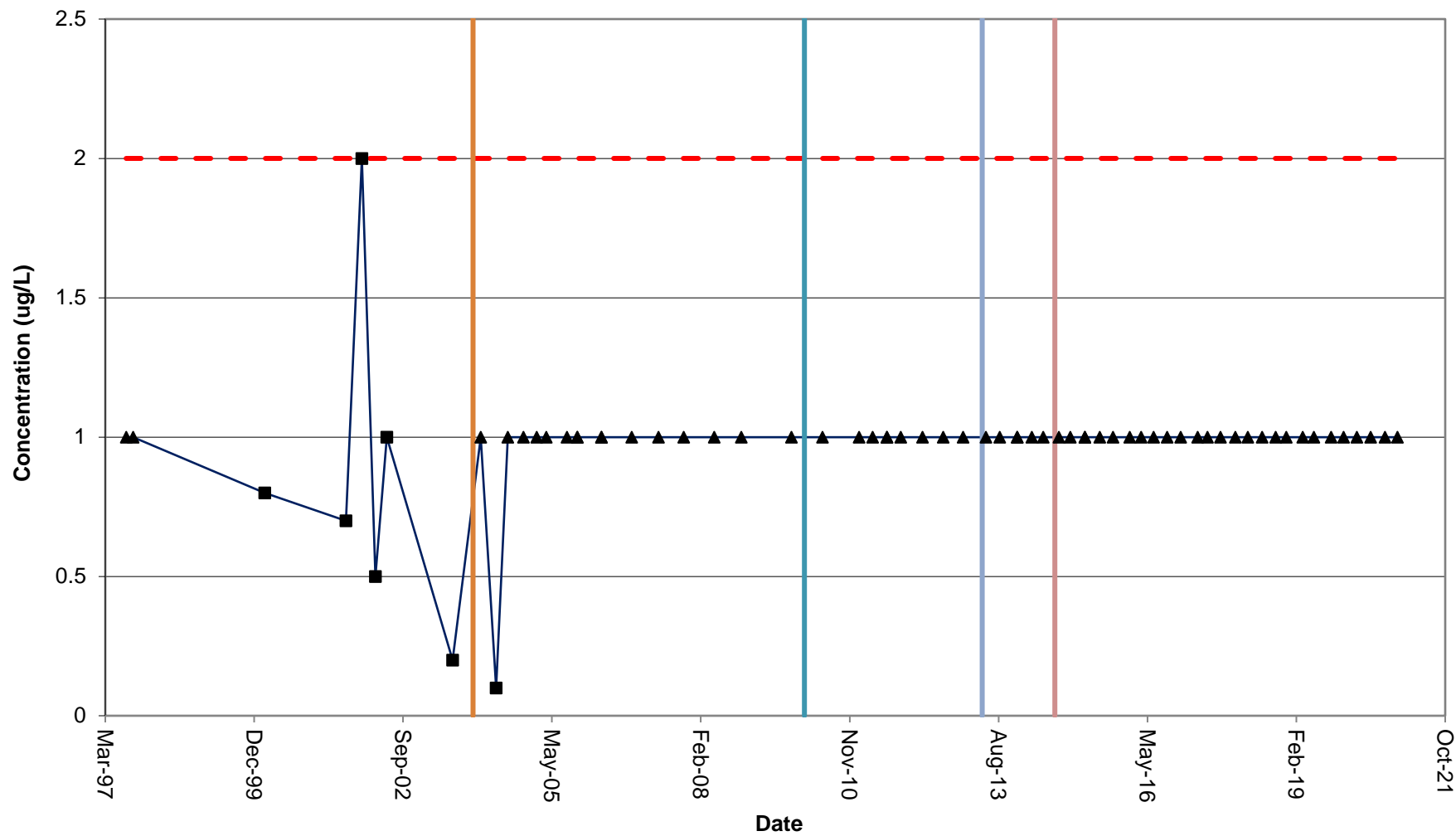
— TCE ■ Detect ▲ Non-Detect - - - - NYSDC Class GA Std — Pumping began — Pump shutdown — Pumping restarted — RW-3 on line

MW-10D: 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-10D: Vinyl Chloride

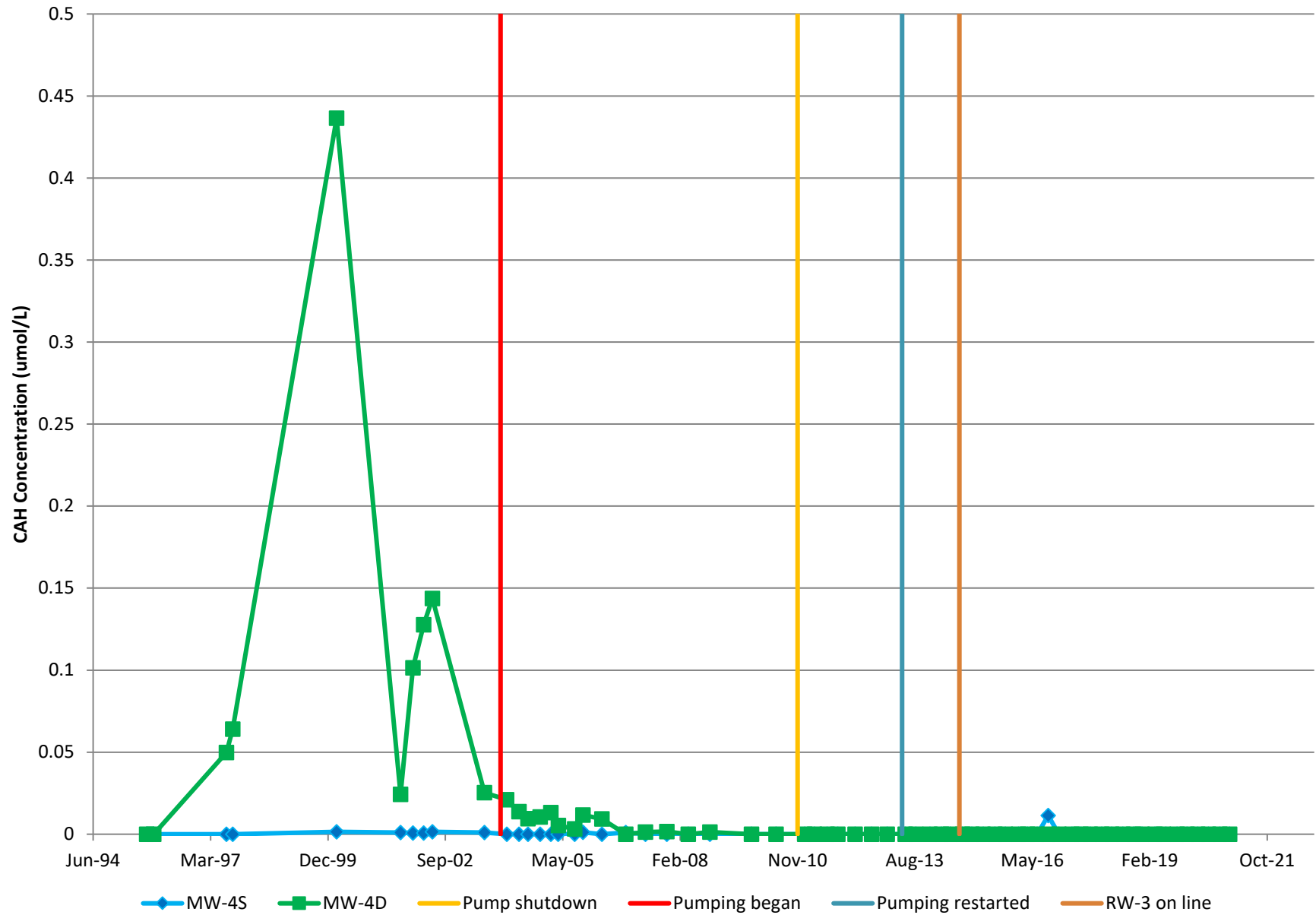


— Vinyl Chloride ■ Detect ▲ Non-Detect - - - NYSDEC Class GA Std — Pumping began — Pump shutdown — Pumping restarted — RW-3 on line

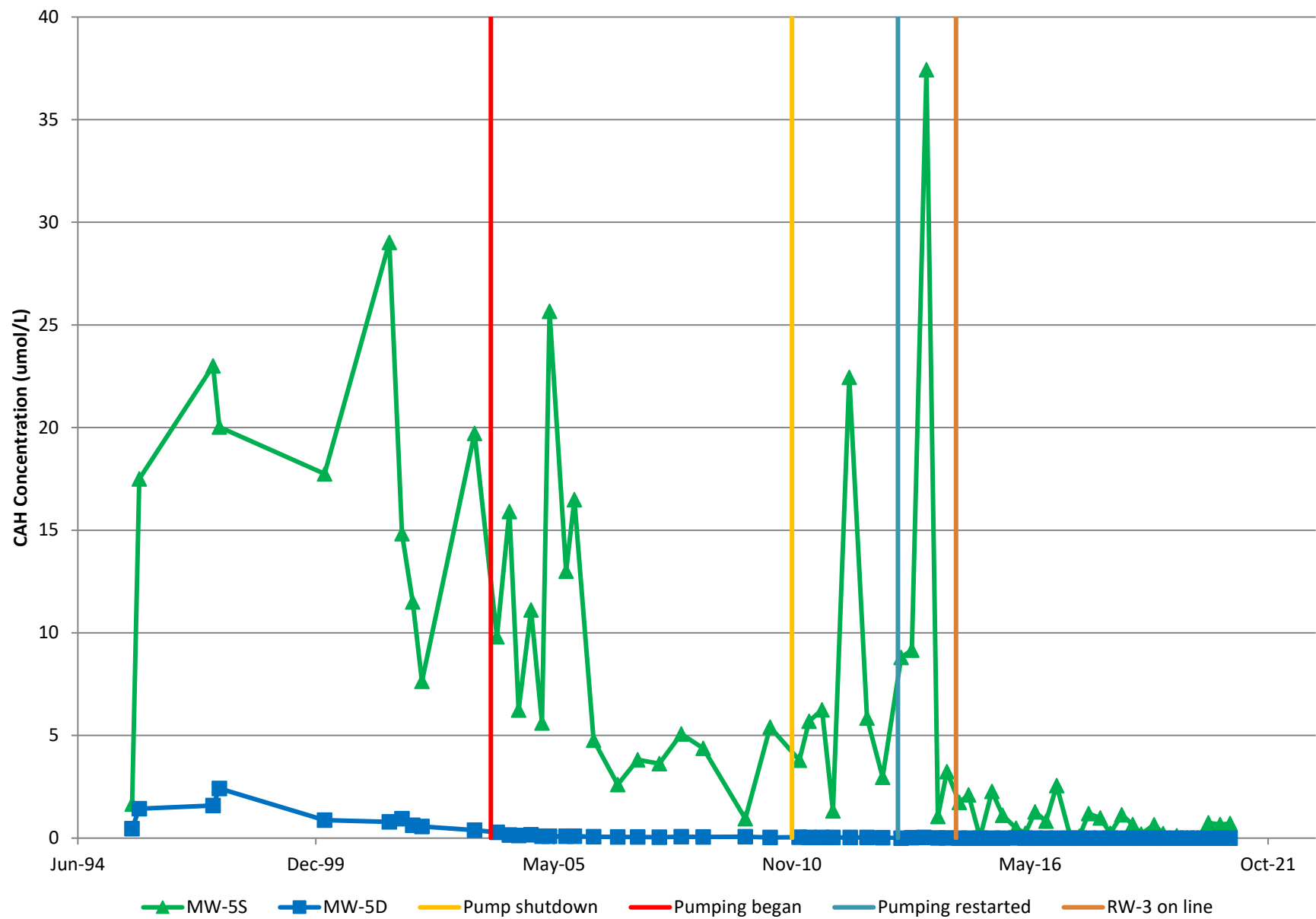
APPENDIX E

CAH MASS TREND

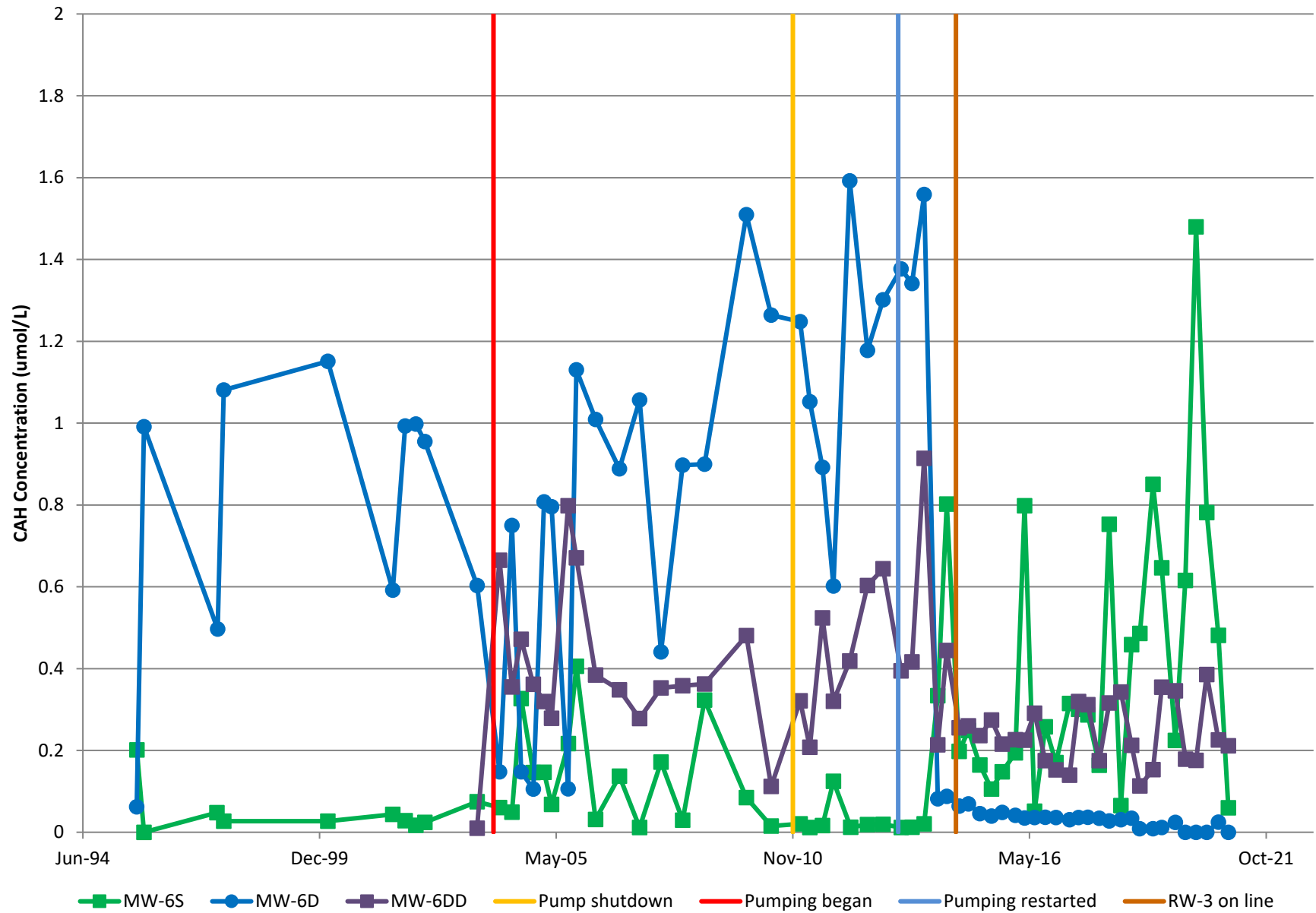
MW-4 Well Nest CAH Trend



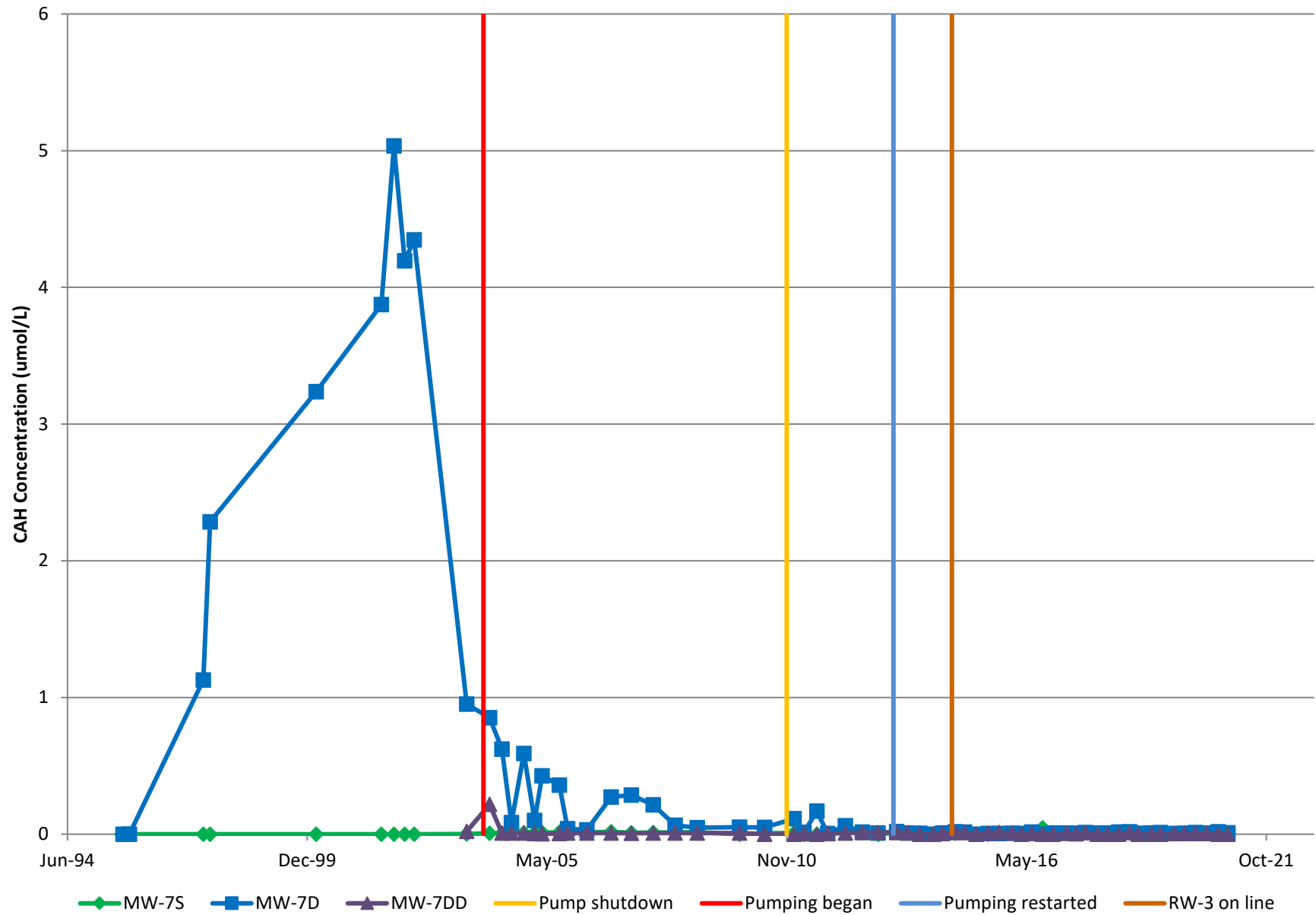
MW-5 Well Nest CAH Trend



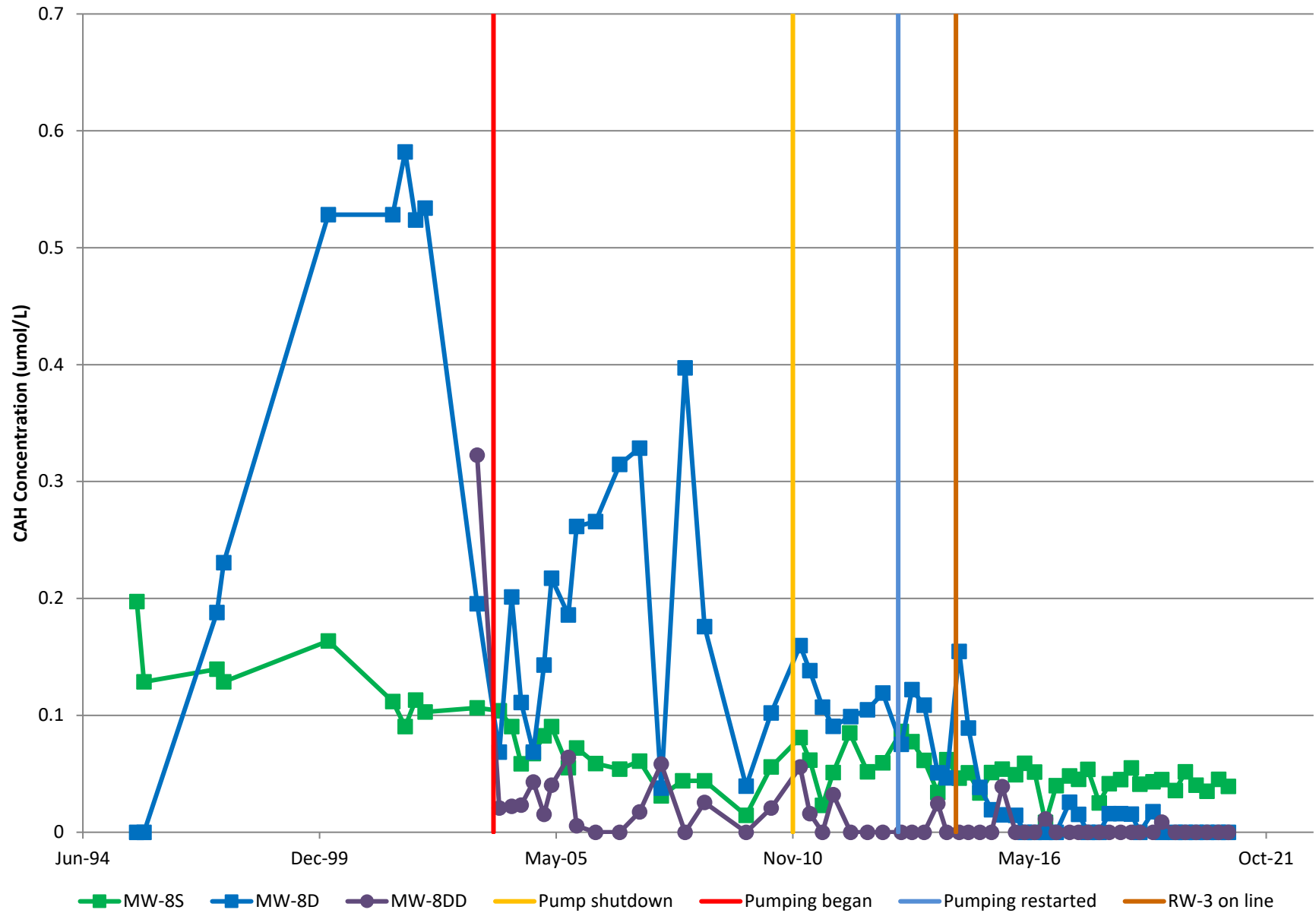
MW-6 Well Nest CAH Trend



MW-7 Well Nest CAH Trend



MW-8 Well Nest CAH Trend



MW-10 Well Nest CAH Trend

