



**Department of
Environmental
Conservation**

KATHY HOCHUL
Governor

AMANDA LEFTON
Acting Commissioner

March 13, 2025

Daniel Fousek
Diebold Nixdorf, Incorporated
350 Orchard Avenue NE
North Canton, Ohio 44720

Re: Site Management
Periodic Review Report
Griffin Technology, Inc.
Site No.: 835008
Farmington (T), Ontario (C)

Dear Mr. Fousek,

The New York State Department of Environmental Conservation (Department) has completed a review of the Periodic Review Report (PRR) and IC/EC Certification, dated August 27th, 2024. Based on the information presented, the Department accepts the PRR and associated Certification.

The results from the PRR are required to be submitted to the property owner. Please notify the Department once the PRR has been sent to the property owner.

The frequency of Periodic Reviews for this Site is biennially, with the next PRR due on February 16, 2026. As a courtesy, you may receive a reminder letter and updated certification form 75 days prior to the due date. Please note that regardless of receipt of this reminder letter, the PRR and certification must be submitted by the due date.

If you have any questions or concerns regarding this letter or need further assistance with the Site, please feel free to contact me at (585) 226-5349 or via email at Joshua.Ramsey@dec.ny.gov.

Sincerely,

Joshua J. Ramsey
Project Manager

cc:
Michael Gutmann (AECOM)
David Pratt (NYSDEC)
Michael Ormanoski (NYSDEC)

PERIODIC REVIEW REPORT 2023

FORMER GRIFFIN TECHNOLOGY FACILITY FARMINGTON, ONTARIO COUNTY, NEW YORK

Prepared for
Diebold Nixdorf, Inc.
North Canton, Ohio

July 2024



50 Lakefront Blvd., Suite 111
Buffalo, New York 14202
716-856-5636
Project No. 60718697



August 27, 2024

Mr. Joshua Ramsey, P.E.
New York State Department of Environmental Conservation
Division of Environmental Remediation, Region 8
6274 East Avon-Lima Road
Avon, New York 14414-9519

**RE: 2023 Periodic Review Report
Former Griffin Technology Facility (Site No. 835008)
Farmington, New York**

Dear Mr. Ramsey:

On behalf of Diebold Nixdorf, Inc. (Diebold), AECOM USA, Inc. [(AECOM) – formerly URS Corporation (URS)] has prepared this Period Review Report to summarize the groundwater sampling data collected between December 1994 and November 2023 from the existing monitoring wells in the vicinity of the above-referenced site.

In order to return to a summer sampling schedule, we plan to perform the next sampling event in Summer 2026.

Please review and contact me at mike.gutmann@aecom.com if you have any questions or comments.

Sincerely,

AECOM USA, Inc.
Michael Gutmann, PG
Sr. Project Manager

cc: File: 13816402
Daniel G. Fousek, Diebold, Inc.
Jeff Reinmann, Diebold, Inc.
Ms. Wendlene M. Lavey, Esq., McMahon DeGulis LLP
Kevin J. McGovern, PG, CHMM, STS (AECOM)



50 Lakefront Blvd., Suite 111
Buffalo, New York 14202
Tel: 716.856.5636
Fax: 716.856.2545

**2023 PERIODIC REVIEW REPORT
FORMER GRIFFIN TECHNOLOGY FACILITY
FARMINGTON, NY
INACTIVE HAZARDOUS WASTE DISPOSAL SITE NO. 835008**

Submitted to:

**NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
6274 EAST AVON ROAD
AVON, NEW YORK 14414**

Prepared by:

**AECOM USA, INC.
50 LAKEFRONT BOULEVARD, SUITE 111
BUFFALO, NEW YORK 14202**

Prepared for:

**DIEBOLD NIXDORF, INC.
NORTH CANTON, OHIO 14211
JULY 2024**

Engineering Certification

I, Edward M. Murphy, PE, a licensed and registered Professional Engineer in the State of New York do certify in accordance with Section 1.5(b)(5) of the New York State Department of Environmental Conservation (NYSDEC) DER—10 Technical Guidance for Site Investigation and Remediation:

- a) that this Periodic Review Report (PRR) for the Former Griffin Technology Facility, Farmington, New York and all attachments were prepared under my direction, and reviewed by me; and
- b) to the best of my knowledge and belief, the work and conclusions described in this certification are in accordance with the requirements of the site remedial program, and generally accepted engineering practices; and the information presented is accurate and compete.

DocuSigned by:

The required certification of the Institutional Controls (ICs) and Engineering Controls (ECs) as may be applicable for this Site is included separately in the Certification Form provided in Appendix F of this report.



Edward M. Murphy, PE
New York State Licensed Professional Engineer
License #081543

7/10/2024

Date

It is a violation of Title 8 Article 145 of the New York State Education Law for any person, unless he is acting under the direction of a licensed professional engineer or land surveyor, to alter an item in any way. If an item bearing the seal of an engineer or land surveyor is altered, the altering engineer or land surveyor shall affix to the item his/her seal and the notation "altered by" followed by his signature and the date of such alteration, and a specific description of the alteration.

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ATTACHMENTS

Attachment A	Parcel Reports
Attachment B	2017 Biennial Groundwater Sampling Letter Report
Attachment C	2019 Biennial Groundwater Sampling Letter Report
Attachment D	2021 Biennial Groundwater Sampling Letter Report
Attachment E	2023 Biennial Groundwater Sampling Letter Report
Attachment F	Institutional and Engineering Controls Certification Form

EXECUTIVE SUMMARY

The Former Griffin Technology Facility (the Site) is located at 6132 Victor-Manchester Road in the Town of Farmington, Ontario County, New York. The Site is 3.74 acres in size, in a commercial/residential area and is currently owned by Case Realty 6132, LLC and Auto Outlets USA Properties Inc.. The Site was added to the New York State Department of Environmental Conservation (NYSDEC) Registry of Inactive Hazardous Waste Disposal Sites (Site No. 835008) in 1991 following the discovery of chlorinated solvents in groundwater.

Griffin Technology entered into a consent order with the NYSDEC in March 1991 (Order on Consent #B8-0315-90-01), which included the requirements of additional soil borings, groundwater sampling, and the operation of a groundwater remediation system (pump and treat) from 1997 to 2007. The extent of groundwater contamination was reduced by the system; however, concentrations of trichloroethene still exceeded NYSDEC groundwater quality standards found in the NYSDEC Technical and Operational Guidance Series (TOGS) 1.1.1: *Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations*.

S & W Redevelopment of North America, LLC (SWRNA) acquired the property in 2007, and afterward they implemented an in-situ chemical oxidation (ISCO) groundwater remediation strategy that included the injections of potassium permanganate and emulsified vegetable oil (EVO) to break down and extinguish the chlorinated solvent contamination. Overall, SWRNA's groundwater remediation was generally successful in remediating the groundwater at and in the vicinity of the source on site, but some on-site and off-site impacts remain.

As part of the agreement between Diebold Nixdorf, Inc. (Diebold) and the NYSDEC, an Operation, Maintenance and Monitoring (OM&M) Plan for the off-site area was implemented that required annual sampling of the off-site monitoring wells. Based upon groundwater monitoring results since 2011, AECOM USA, Inc. [(AECOM) – formerly URS Corporation (URS)] recommended modifications to the OM&M plan in January 2015. Negotiations between URS and the NYSDEC resulted in the NYSDEC approving modifications to the OM&M plan in May 2015. The approved modifications included decommissioning of four off-site monitoring wells (MW-09S, MW-09D, MW-10D and MW-11D), repair of monitoring well MW-10S, and supplemental sampling of monitoring wells MW-06S and MW-07S for volatile organic compounds, followed by biennial groundwater monitoring of the five remaining monitoring wells. The Summer 2019 sampling event occurred on June 27, 2019, and discussions of its execution and data evaluation were presented in the 2019 Biennial Groundwater Sampling Letter Report (URS, 2019). In the report, URS concluded that the TCE concentration trends show an overall decrease since 1994. URS recommended suspending groundwater sampling at monitoring well MW-10S but continue to collect depth to water data at this location during monitoring events, and that the PRR will be prepared in accordance with NYSDEC's Division of Environmental Remediation (DER-10) Technical Guidance for Site Investigation and Remediation

(NYSDEC, 2010), which will summarize sampling data collected to date. An additional round of sampling was recommended in 2021 to confirm the aforementioned TCE trends. Although it had been previously recommended to collect only water levels at MW-10S for the 2021 round, NYSDEC did not approve that change and groundwater monitoring was performed at MW-10S as part of the 2021 and 2023 rounds.

The recommendations of this 2023 Periodic Review Report (PRR) for the off-site area include an additional round of sampling in Summer 2026 to confirm the observed trends, and preparation of a PRR to report this data and subsequent recommendations.

1.0 INTRODUCTION

1.1 Background – On-Site

The former Griffin Technology facility (Site) is approximately 3.74 acres located at 6132 Victor-Manchester Road in the Town of Farmington, Ontario County (see Figure 1-1). Griffin Technology manufactured laminated plastic identification cards at the Site from 1975 until the mid-1990s. The manufacturing process generated a small amount of trichloroethene (TCE) waste. From 1975 until 1986, these wastes were disposed of in small batches directly onto the ground surface immediately to the west of the building. The facility has been vacant since the 1990s. Subsequent investigations indicated that there were no significant levels of contamination on-site, however, TCE-impacted groundwater was present on the western side of the on-site building, with some contaminant migration off-site to the southwest.

S & W Redevelopment of North America, LLC (SWRNA) acquired the property in 2007, and implemented an in-situ chemical oxidation (ISCO) groundwater remediation strategy that included the injection of potassium permanganate into the groundwater at and near the source of the contamination to break down and extinguish chlorinated solvent contamination. The initial ISCO treatment occurred in 2008 and was completed in approximately six months. Since the initial ISCO application, there have been several additional ISCO injection and emulsified vegetable oil (EVO) applications in the source area to further reduce groundwater contamination, with the latest injection rounds occurring in the spring and fall of 2016. Overall, SWRNA's groundwater remediation was successful in remediating the groundwater at and in the vicinity of the source and in 2009, SWRNA received a Certificate of Completion under New York State's Brownfield Cleanup Program for the Site. The New York State Department of Environmental Conservation (NYSDEC) is still evaluating the effectiveness of the on-site remedy. In the meantime, groundwater is being monitored on a periodic basis. In 2012, SWRNA sold the property to ARFCOM Holdings, LLC, who later sold it to Case Realty 6132, LLC/ Case Realty Holdings, LLC in 2018. Case Realty 6132, LLC owned the eastern 2.4 acres of the site (Tax ID# 29.00-1-12.000). In January 2024, Case Realty 6132, LLC sold its parcel to Bristol Valley Homes LLC (current owner).

Case Realty Holdings, LLC owned the western abutting 6.6 acre parcel (Tax ID# 29.00-1-76.100), which includes the western portion of the site (1.34 acres). On June 24, 2022, Case Realty Holdings, LLC sold its parcel to Auto Outlets USA Properties Inc. (current owner). Details are in the parcel reports included in Attachment A.

1.2 Background – Off-Site

In 1995, Griffin Technology was purchased by Diebold, Inc. (Diebold). Under the terms of the Order on Consent (Index #B8-0315-90-01) negotiated with the New York State Department of Environmental

Conservation (NYSDEC), Diebold was obligated to perform off-site groundwater monitoring, and off-site soil vapor monitoring. On behalf of Diebold, URS completed the off-site groundwater monitoring and off-site soil vapor monitoring fieldwork in August 2009 and submitted the final report in July 2010 (URS, 2010). In a letter dated September 29, 2010, the NYSDEC approved the report and recommendation for no further action with respect to soil vapor.

Under the terms of the Order on Consent, Diebold is required to continue biennial groundwater monitoring of five remaining off-site monitoring wells in accordance with an Operation, Maintenance and Monitoring (OM&M) Plan. The OM&M Plan was approved in June 2011 and has been implemented since by URS (now AECOM) on behalf of Diebold.

In the 2014 Supplemental Groundwater Sampling Letter Report, URS recommended the decommissioning off-site monitoring wells MW-09S, MW-09D, MW-10S, MW-10D, and MW-11D based on analyses of the data from the 2013 and 2014 sampling events. Subsequent communications between the NYSDEC and Diebold/URS resulted in the agreement to repair MW-10S; decommission MW-09S, MW-09D, MW-10D and MW-11D; and collect supplemental groundwater samples from MW-06S and MW-07S for volatile organic compound (VOC) analyses. These activities were performed in June 2016, and discussions of their execution and data evaluation were presented in the 2016 Periodic Review Report (PRR) (URS, 2017a). The following changes to the Operations and Monitoring Plan for Annual Offsite Groundwater Monitoring (O&M Plan) were recommended in the 2016 PRR:

- Conduct groundwater sampling of the remaining off-site wells (i.e., MW-06S, MW-06D, MW-07S, MW-07D and MW-10S) on a biennial basis, beginning in Summer 2017.
- Generate biennial PRRs using the data from the aforementioned groundwater sampling.

The Summer 2017 sampling event occurred on September 13, 2017, and discussions of its execution and data evaluation were presented in the 2017 Biennial Groundwater Sampling Letter Report (URS, 2017b). In the report, URS concluded that the TCE concentration trends show an overall decrease since 1994. URS recommended an additional round of sampling in Summer 2019 to confirm this trend.

The Summer 2019 sampling event occurred on June 27, 2019, and discussions of its execution and data evaluation were presented in the 2019 Biennial Groundwater Sampling Letter Report (URS, 2019). In the report, URS concluded that the TCE concentration trends show an overall decrease since 1994. URS recommended suspending groundwater sampling at monitoring well MW-10S but continue to collect depth to water data at this location during monitoring events, and that the PRR will be prepared in accordance with NYSDEC's Division of Environmental Remediation (DER-10) Technical Guidance for Site Investigation and Remediation (NYSDEC, 2010), which will summarize sampling data collected to date. An additional round of sampling was recommended in Summer 2021 to confirm the aforementioned TCE trends. Although it had been previously recommended to collect only water levels at MW-10S for this 2021 round,

NYSDEC did not approve that change and groundwater monitoring was performed at MW-10S as part of the 2021 and 2023 rounds.

The Fall 2023 field work, which represents the fourth biennial monitoring event, was performed on November 29, 2023, and included collecting water levels and groundwater samples from the five remaining off-site monitoring wells in accordance with the O&M Plan.

This Periodic Review Report (PRR) focuses on the off-site monitoring per the aforementioned, NYSDEC-approved OM&M Plan.

2.0 SITE OVERVIEW

2.1 Site Description

The manufacturing/office building (approximately 19,000 square feet) on the Site was constructed around 1970 and purchased by Griffin Technology in 1975. An approximately 2,400-square foot warehouse building situated north of the manufacturing building and previously used for storage and equipment painting, was razed by SWRNA.

The Site area is currently zoned manufacturing. The surrounding areas are vacant commercial, motor vehicle servicing, warehouse, supermarket, and residential. The property immediately west of the Site is an automotive servicing business and the property south-southwest of the Site is a grocery store. Residential areas are located south beyond Beaver Creek and on the west of Mertensia Road (Figure 2-1).

2.2 Remediation Chronology – On-Site

At the Site, Griffin Technology manufactured plastic photo-identification and data cards used for electronic scanning devices in a two-step process consisting of a photo-developing step followed by a finishing process. Wastewater generated by these processes was reportedly dumped outside the western building door onto the then-gravel driveway. This practice was discontinued in 1986.

Soil and groundwater sampling during subsurface investigations from the early 1990s to 1996 have confirmed the presence of volatile organic compounds (VOCs) at the Site, including TCE, trichloroethane (TCA), cis-1,2-dichloroethene (DCE), acetone, and vinyl chloride.

Between 1996 and 2007, a groundwater treatment system was operating at the Site. In 2007, SWRNA implemented the aforementioned ISCO and EVO groundwater remediation strategy, which was generally successful in remediating the groundwater at and in the vicinity of the source.

2.3 Remediation Chronology – Off-Site

Off-site groundwater monitoring was conducted in 2009, 2013 and 2014; data from these events are presented in the 2016 PRR (URS, 2016).

In the 2014 report, URS recommended the decommissioning off-site monitoring wells MW-09S, MW-09D, MW-10S, MW-10D and MW-11D based on the absence of contamination in the 2013 and 2014 sampling events. Subsequent communications between the NYSDEC and Diebold/URS resulted in the agreement to repair MW-10S; decommission MW-09S, MW-09D, MW-10D and MW-11D; and collect supplemental groundwater samples from MW-06S and MW-07S for VOC analyses. These activities were performed in June 2016 and discussion of the data evaluation is presented in the 2016 PRR (URS, 2016).

Between 2017 and 2023, four rounds of groundwater monitoring/sampling occurred at the remaining off-site monitoring wells (Figure 2-1). Data from these events are presented in reports located in Attachments B, C, D and E.

3.0 OFF-SITE REMEDY PERFORMANCE, EFFECTIVENESS AND PROTECTIVENESS

The principal elements of the OM&M Plan are off-site groundwater monitoring, hydraulic monitoring, and data evaluation/reporting. As the OM&M contractor for Diebold, URS/AECOM has submitted reports to NYSDEC after each sampling event (see Attachments B through E). A summary of the findings of overall performance, effectiveness, and protectiveness for the off-site OM&M is presented in below.

Figure 3-1 displays graphic trend analyses of TCE concentrations in the off-site monitoring wells MW-06S, MW-06D, MW-07S, MW-07D, and MW-10S between 2009 and 2023. These trends show an overall decrease in TCE concentrations since 2009, indicating the on-site source area remedy has been effective. In addition, the TCE concentration in MW-10S is slightly above its standard for the first time since 2015.

A Mann-Kendall trend analyses was performed on the historical TCE concentrations in wells MW-06S, MW-06D, MW-07S, MW-07D, and MW-10S between 2009 and 2023. The trend analysis is presented in Table 3-1 and shows the following:

- A downward trend in TCE detections in MW-06D, MW-07S and MW-07D
- No trends in the TCE detections in MW-06S and MW-10S.

Attachment E shows upward trends in concentrations of cis-1,2-DCE at MW-06S, MW-06D and MW-07D. This is likely due to reductive dechlorination of TCE, although the magnitude of increase is relatively small.

Overall results of the sampling continue to show decreasing trends in VOC concentrations in the groundwater of the off-site monitoring wells. Attachments B through E present groundwater contours for 2017 through 2023 respectively, which show the groundwater flow to the south-southwest.

4.0 IC/EC PLAN COMPLIANCE

There are no formal Engineering Controls (ECs) currently for the off-site area.

Institutional Controls (ICs) for the off-site area consist of the implementation of the OM&M Plan for periodic off-site groundwater monitoring pursuant to the Order on Consent. The IC Plan has been implemented and the current off-site status is in compliance with certification requirements. A completed Institutional and Engineering Controls Certification Form is included in Attachment F.

5.0 OPERATION, MAINTENANCE AND MONITORING PLAN COMPLIANCE

Diebold is in compliance with the NYSDEC-approved OM&M Plan. The results of the current (Fall 2023) monitoring event are described in detail in Attachment E to this PRR.

The components of the OM&M Plan include hydraulic monitoring, groundwater sampling and data evaluation/reporting. Summaries of OM&M activities performed between 2017 and 2023 are provided in the attached reports, which concludes the following:

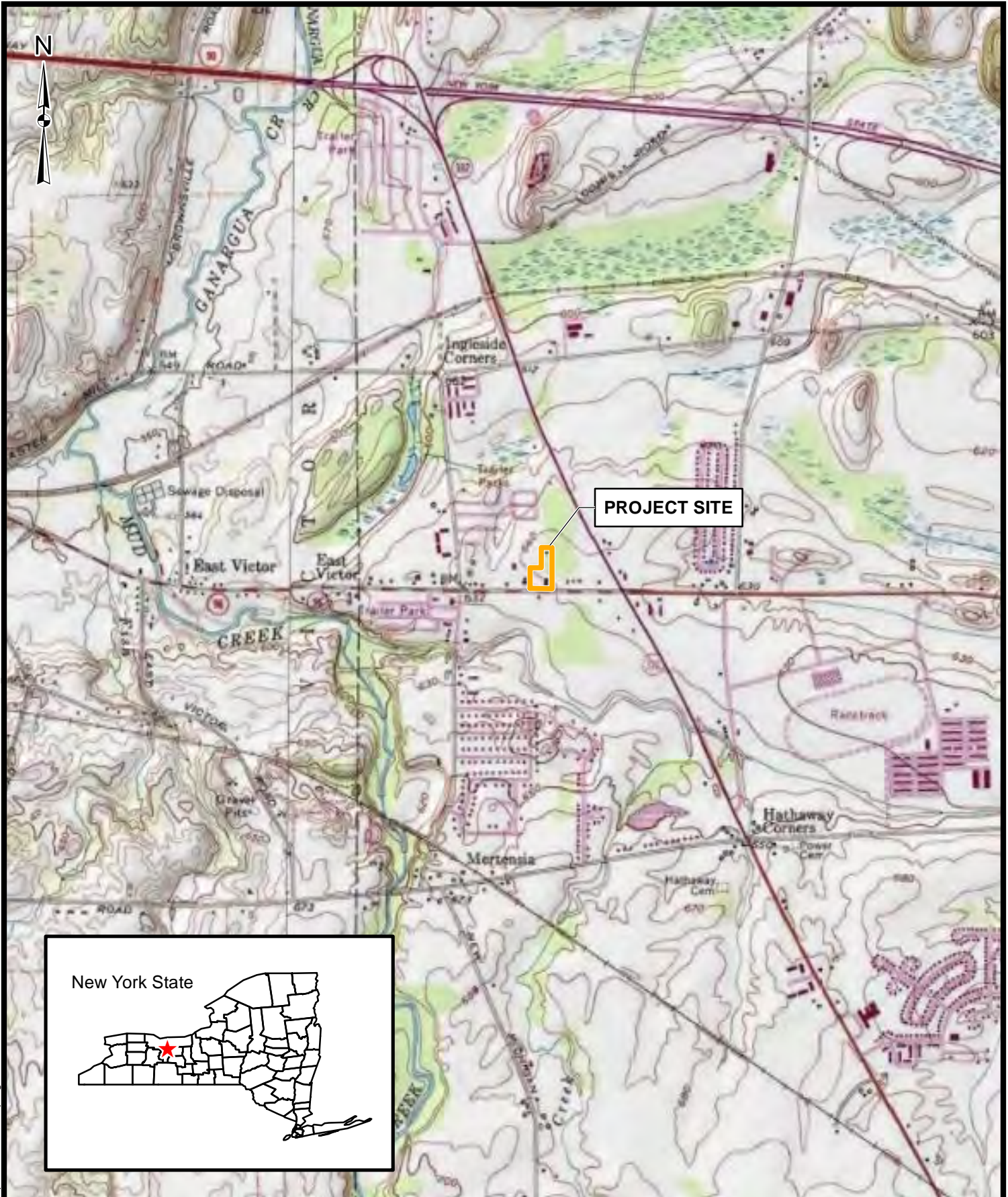
- The only VOCs detected at concentrations exceeding their standards were TCE, cis-1,2-DCE and vinyl chloride.
- The TCE concentration trends show an overall decrease since 1994.

6.0 CONCLUSIONS AND RECOMMENDATIONS

The remedy at the Former Griffin Technology Facility is operating as designed and remains protective of human health and the environment. AECOM recommends the following for the off-site area:

- Conduct an additional round of sampling in Summer 2026 to confirm the observed trends.
- Generate biennial PRRs to present the data from the aforementioned groundwater monitoring/sampling.

FIGURES



Source:
- National Geographic TOPO! via ArcGIS online data services.

2,000 0 2,000 Feet



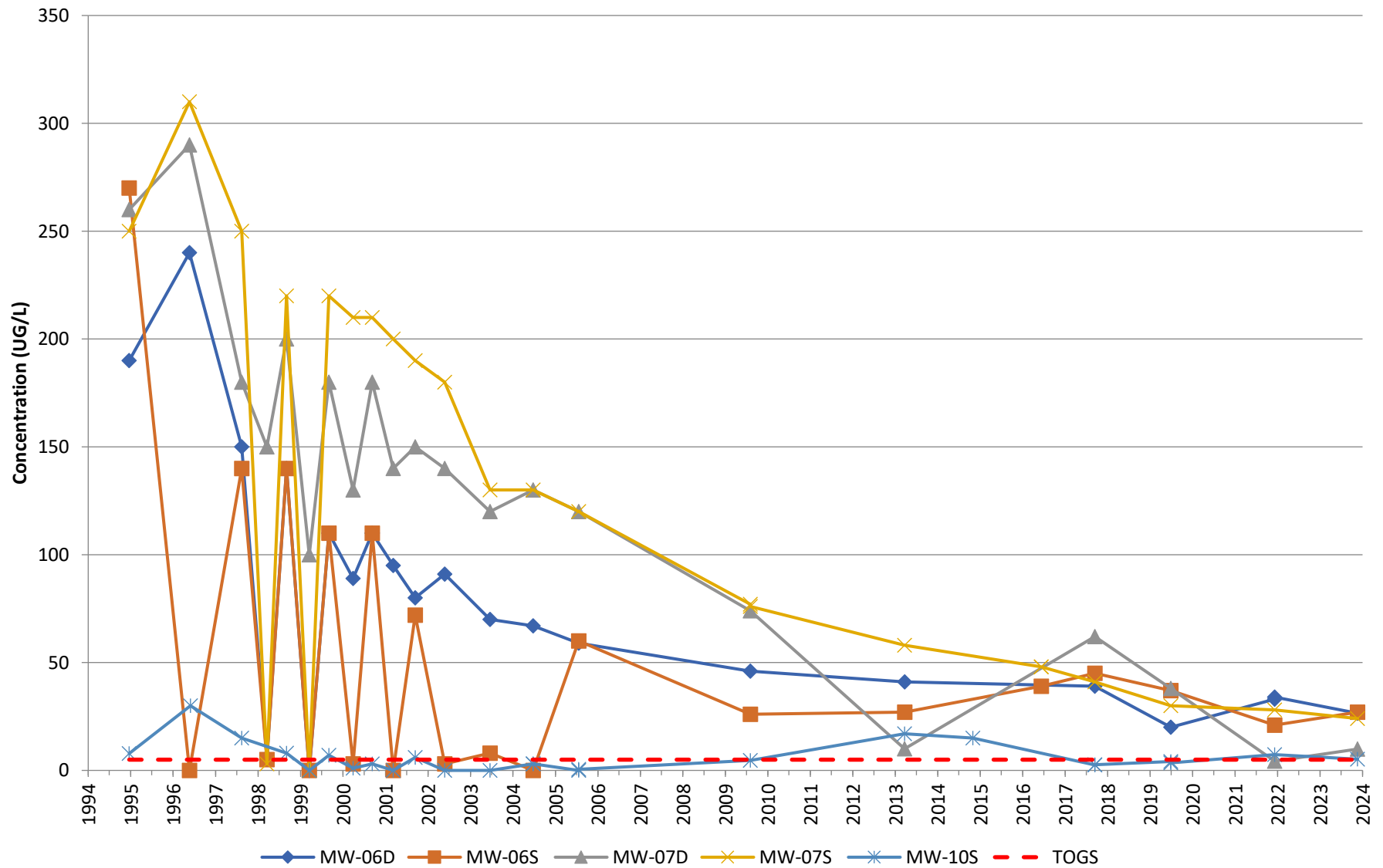
Legend

- Groundwater Monitoring Well
- Decommissioned Groundwater Monitoring Well

Source: ESRI World Imagery

250 0 250 Feet

FIGURE 3-1
Trichloroethene Trends
(Existing Wells)



TABLES

TABLE 3-1
GROUNDWATER SAMPLING ANALYTICAL RESULT TRENDS (DETECTED VOCS ONLY)
FORMER GRIFFIN TECHNOLOGY FACILITY SITE

LOCID: MW-06D

Parameter	Matrix	Class	Num of Data Points	Num of Data Point Detections	Mann-Kendall Statistic S	Probabilities (1)	Trend (2)
1,1,1-Trichloroethane	WG	VOA	21	17	-130	No Value	Downward Trend
1,1-Dichloroethane	WG	VOA	6	3	9	0.068	Upward Trend
1,2-Dichloroethene (cis)	WG	VOA	21	11	79	0.009	Upward Trend
Acetone	WG	VOA	21	2	14	0.349	No Trend
Trichloroethene	WG	VOA	21	20	-133	No Value	Downward Trend
Vinyl chloride	WG	VOA	21	4	69	0.021	Upward Trend

LOCID: MW-06S

Parameter	Matrix	Class	Num of Data Points	Num of Data Point Detections	Mann-Kendall Statistic S	Probabilities (1)	Trend (2)
1,1,1-Trichloroethane	WG	VOA	22	13	-62	0.045	Downward Trend
1,1-Dichloroethane	WG	VOA	7	3	12	0.068	Upward Trend
1,2-Dichloroethene (cis)	WG	VOA	22	10	84	0.01	Upward Trend
Trichloroethene	WG	VOA	22	18	-19	0.308	No Trend
Vinyl chloride	WG	VOA	22	4	71	0.024	Upward Trend

LOCID: MW-07D

Parameter	Matrix	Class	Num of Data Points	Num of Data Point Detections	Mann-Kendall Statistic S	Probabilities (1)	Trend (2)
1,1,1-Trichloroethane	WG	VOA	21	6	-77	0.011	Downward Trend
1,1-Dichloroethene	WG	VOA	6	1	-1	0.5	No Trend
1,2-Dichloroethene (cis)	WG	VOA	21	21	51	0.07	Upward Trend
Acetone	WG	VOA	21	1	14	0.349	No Trend
Chloromethane	WG	VOA	6	1	5	0.235	No Trend
Trichloroethene	WG	VOA	21	21	-156	No Value	Downward Trend
Vinyl chloride	WG	VOA	21	8	42	0.109	No Trend

LOCID: MW-07S

Parameter	Matrix	Class	Num of Data Points	Num of Data Point Detections	Mann-Kendall Statistic S	Probabilities (1)	Trend (2)
1,1,1-Trichloroethane	WG	VOA	22	15	-135	No Value	Downward Trend
1,2-Dichloroethene (cis)	WG	VOA	22	19	-70	0.027	Downward Trend
Acetone	WG	VOA	22	2	33	0.186	No Trend
Trichloroethene	WG	VOA	22	21	-159	No Value	Downward Trend

For multiple observations per time period, the Mann-Kendall test to the median was used.

Data reported as less than the detection limit were used by assigning a common value to the data that was smaller than the smallest measurement in the data set.

(1) - Probabilities for Mann-Kendall Nonparametric Test for Trend (Gilbert R.O. 1987, Table A18).

(2) - Assuming a probability of error of 10% in the analysis method and or data, then the probability of no trend as calculated by the Mann-Kendall statistic is less than 10%, then it is assumed that there is a trend.

* - Number of observations too small to calculate probabilities.

** - Probability Undefined for S=0 and N=6, 7, 10, 11, 14, 15, 18, 19, 22, 23, 26, 27, 30, 31, 34, or 35.

TABLE 3-1
GROUNDWATER SAMPLING ANALYTICAL RESULT TRENDS (DETECTED VOCS ONLY)
FORMER GRIFFIN TECHNOLOGY FACILITY SITE

LOCID: MW-07S

Parameter	Matrix	Class	Num of Data Points	Num of Data Point Detections	Mann-Kendall Statistic S	Probabilities (1)	Trend (2)
Vinyl chloride	WG	VOA	22	1	21	0.289	No Trend

LOCID: MW-10S

Parameter	Matrix	Class	Num of Data Points	Num of Data Point Detections	Mann-Kendall Statistic S	Probabilities (1)	Trend (2)
1,1,1-Trichloroethane	WG	VOA	21	1	-18	0.306	No Trend
1,2-Dibromo-3-chloropropane	WG	VOA	7	1	0	Undefined **	
1,2-Dichloroethene (cis)	WG	VOA	21	2	32	0.177	No Trend
Trichloroethene	WG	VOA	21	16	-19	0.306	No Trend

For multiple observations per time period, the Mann-Kendall test to the median was used.

Data reported as less than the detection limit were used by assigning a common value to the data that was smaller than the smallest measurement in the data set.

(1) - Probabilities for Mann-Kendall Nonparametric Test for Trend (Gilbert R.O. 1987, Table A18).

(2) - Assuming a probability of error of 10% in the analysis method and or data, then the probability of no trend as calculated by the Mann-Kendall statistic is less than 10%, then it is assumed that there is a trend.

* - Number of observations too small to calculate probabilities.

** - Probability Undefined for S=0 and N=6, 7, 10, 11, 14, 15, 18, 19, 22, 23, 26, 27, 30, 31, 34, or 35.

Only Detected Results Reported.

ATTACHMENTS

ATTACHMENT A

Parcel Reports

ONCOR Ontario County Online Resources

Ontario County GIS Program
70 Ontario Street
Canandaigua, NY 14424



NOTE: Inventory and assessment data originates with the respective local assessor

PROPERTY SUMMARY REPORT

Tax Map ID:	29.00-1-12.000
Physical Address:	6132 St Rt 96
Community:	Town of Farmington
Easting: 612416	Northing: 1085094
Acres: 2.30	Neighborhood: 28580
Roll Section: 1 2024	Utilities: Gas & elec
Property Class: 710	Manufacture
School District:	Victor Central
Frontage: .00	Depth: .00
Heat:	Obstructions:
Fuel:	% NYS DEC Wetland: 0
Water: Comm/public	% NWI Wetland: 0
Sewer: Comm/public	% Steep Slope: 0
	% Flood Zone (A, AE): 0

BUILDING DETAILS (primary building only)

Year Built:	1980	Square Feet:	12000
Condition:	Normal		
Style:	2-4 sty mfg fire steel		
Stories:	2	Central Air:	
Siding:			
Basement:			
Full Baths:		Half Baths:	
Bedrooms:		Fireplaces:	

Please see Parcel Detail Report for complete information

Assessed Values

Full Market Value:	\$85100
Total Assessment:	\$80000
Land Assessment:	\$80000

Owner Information

BRISTOL VALLEY HOMES LLC
745 TITUS AVE
ANNEX BLDG
ROCHESTER NY 14617 -

Recent Residential Sales

Valid Sales Only within the past three years

Date: **Price:** **Sale Type:**



Click here to look up your polling station

Notes:

Deed Book: 1532 **Page:** 763 **Date Filed:** 1/23/2024

Comments:



THIS MAP AND INFORMATION IS PROVIDED "AS IS" AND ONTARIO COUNTY MAKES NO WARRANTIES OR GUARANTEES, EXPRESSED OR IMPLIED, INCLUDING WARRANTIES OF TITLE, NON-INFRINGEMENT, MERCHANTABILITY AND THAT OF FITNESS FOR A PARTICULAR PURPOSE CONCERNING THIS MAP AND THE INFORMATION CONTAINED HEREIN. USER ASSUMES ALL RISKS AND RESPONSIBILITY FOR DETERMINING WHETHER THIS INFORMATION IS SUFFICIENT FOR PURPOSES INTENDED.

Tuesday, July 9, 2024

Previous Owners

OWNER NAME(S): CASE REALTY 6132 LLC

DEED DATE: 1/5/2018

DEED BOOK: 1399

DEED PAGE: 62

CLERK NUMBER: 201801050079

COMMENTS:

OWNER NAME(S): ARFCOM HOLDINGS, LLC

DEED DATE: 4/23/2012

DEED BOOK: 1276

DEED PAGE: 880

CLERK NUMBER: 201204230210

COMMENTS:

OWNER NAME(S): SW VICTOR-MANCHESTER, LLC

DEED DATE: 09/19/2007

DEED BOOK: 1192

DEED PAGE: 134

CLERK NUMBER: 200709190136

COMMENTS:

OWNER NAME(S): GRIFFIN TECHNOLOGY, INC.

DEED DATE: 7/1/1973

DEED BOOK: 730

DEED PAGE: 290

CLERK NUMBER:

COMMENTS:



Tax Information

SPECIAL DISTRICT TAX RATES

Special District	Code	SD Tax Rate	UN Tax Rate	FE Tax Rate
Drainage District #1	DD281	0.178967	0	0
Farm Fire Protection	FD281	0.491323	0	0
Cdga-Farm Water	WD281	0.835629	0	0

EXEMPTIONS

Exemptions Description	County	Town	Village	School
------------------------	--------	------	---------	--------

ESTIMATED TAXES WORKSHEET

The workspace below can be used to estimate the TRUE taxes for this property. Users are strongly urged to contact the Ontario County Treasure's Office (585-396-4432) to verify exact total taxes. If the property is in one of the cities, please contact either the City of Canandaigua (585-396-5015) or the City of Geneva (315-789-2114) depending on the location.

TAX TYPE	TAX RATE		TOTAL ASSESSED VALUE		TOTAL TAXES	TAX YEAR
SCHOOL:	14.29625	X	\$80000.00	/1000 =	\$1143.70	2023-2024
COUNTY:	5.980461	X	\$80000.00	/1000 =	\$478.44	2023-2024
TOWN OR CITY:	0.700171	X	\$80000.00	/1000 =	\$56.01	2023-2024
VILLAGE:	0	X	\$80000.00	/1000 =	\$0.00	2023-2024

Municipal and School Taxes Subtotal: \$1678.15

+ Special District Taxes Subtotal:

TOTAL ESTIMATED TAXES:

SURVEYS

Survey ID	Survey Link (copy and paste in browser)
31046A 04/03/2009	https://oncorng.co.ontario.ny.us/surveys/31046A.tiff
31046B 04/03/2009	https://oncorng.co.ontario.ny.us/surveys/31046B.tiff FILED 3/26/2009, LABELLA ASSOCIATES

TAX BILLS

Copy and paste link in a browser

School: https://oncorng.co.ontario.ny.us/TaxbillSchool/29.00-1-12.000_School.pdf

County/Town: https://oncorng.co.ontario.ny.us/TaxbillCountyTown/29.00-1-12.000_CountyTown.pdf

City:

Village:



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Tuesday, July 9, 2024

ADDITIONAL INVENTORY

IMPROVEMENTS

Structure Description:	Year:	SqFt:	Dim1:	Dim2:	Condition:	Grade:
Barn-pole	1980	2400	40	60	Normal	Average
Pavng-asphlt	1980	9200	0	0	Normal	Average

LAND DESCRIPTION

Land Type:	Waterfront:	Soil Rating:	Acres:	Depth:	Frontage:
Primary			2	0	0



INDIVIDUAL BUILDING DETAILS

RESIDENTIAL BUILDINGS

Building details are followed by area dimensions provided in square feet

Building Style:

Actual Year Built:

Effective Year Built:

Year Remodeled:

Number of Bedrooms:

Number of Full Baths:

Number of Half Baths:

Number of Kitchens:

Number of Fireplaces:

Overall Condition:

Construction Grade:

Number of Stories:

Heating Type:

Fuel Type:

Exterior Wall Material:

Exterior Condition:

Basement Type:

Central Air (1 = Yes)

Total Living Area:

First Story:

Second Story:

Additional Story:

Half Story:

Unfinished:

3/4 Story:

Unfinished:

Finished Basement Area:

Finished Attic Area:

Finished Rec Room Area:

Finished Over Garage:



COMMERCIAL BUILDINGS

Building Number:	1	Overall Condition:	Normal
Building Section:	1	Quality:	Average
Year Built:	1980	Number of Stories:	2
Number of Indent Buildings:	1	Story Height:	14
Percent Air-conditioned:	100	Basement Type:	
Percent Alarmed:	100	Number of Elevators:	0
Percent Sprinkler:	0	Boekh Model Number:	
Gross Floor Area:	12000	Boekh Model Code:	819
Perimeter:	640	Wall A:	100
Basement Square Footage:	0	Wall B:	0
Basement Perimeter:	0	Wall C:	0

Building Number:	1	Overall Condition:	Normal
Building Section:	2	Quality:	Average
Year Built:	1980	Number of Stories:	1
Number of Indent Buildings:	1	Story Height:	14
Percent Air-conditioned:	100	Basement Type:	
Percent Alarmed:	100	Number of Elevators:	0
Percent Sprinkler:	0	Boekh Model Number:	
Gross Floor Area:	6000	Boekh Model Code:	811
Perimeter:	320	Wall A:	100
Basement Square Footage:	0	Wall B:	0
Basement Perimeter:	0	Wall C:	0



PROPERTY ANALYSIS

Type:	Description:	Acres:	% Coverage:
Ecological Community	Community Description TBD	2.41	100.000%
NRCS Soils	Kendaia loam, 0 to 3 percent slopes	0.25	10.5%
NRCS Soils	Farmington loam, 0 to 3 percent slopes	0.76	31.3%
NRCS Soils	Ovid silt loam, 0 to 3 percent slopes	1.40	58.2%
Utilities - Electric	ROCHESTER GAS & ELECTRIC	2.41	100.0%
Utilities - Gas	ROCHESTER GAS & ELECTRIC	2.41	100.0%
Utilities - Telephone	Frontier Telephone of Rochester	2.41	100.0%
Utilities - Telephone	Finger Lakes Technology Group	2.41	100.0%
Watershed	S. Bk-W/S Divide to Hathaway Brook	2.41	100.0%
Wetlands - NWI	Freshwater Forested/Shrub Wetland	0.00	0.0%



LOCAL ZONING

Note: OnCOR users are strongly urged to contact the municipal planning/zoning office to confirm accuracy of the zoning information listed below.

Type:	Description:	% Coverage:
Town of Farmington MTOD Overlay	Major Thoroughfare Overlay	100.0%
Town of Farmington Zoning	GB - General Business	100.0%



Ontario County GIS Program
70 Ontario Street
Canandaigua, NY 14424



NOTE: Inventory and assessment data originates with the respective local assessor

PROPERTY SUMMARY REPORT

Tax Map ID:	29.00-1-76.100		
Physical Address:	St Rt 96		
Community:	Town of Farmington		
Easting: 612190	Northing:	1085260	
Acres: 6.60	Neighborhood:	28580	
Roll Section: 1 2024	Utilities:	Gas & elec	
Property Class: 330	Vacant comm		
School District:	Victor Central		
Frontage: .00	Depth: .00	<i>Obstructions:</i>	
Heat:	% NYS DEC Wetland:	0	
Fuel:	% NWI Wetland:	0	
Water: Comm/public	% Steep Slope:	0	
Sewer: Comm/public	% Flood Zone (A, AE):	0	

BUILDING DETAILS (primary building only)

Year Built:	Square Feet:
Condition:	
Style:	
Stories:	Central Air:
Siding:	
Basement:	
Full Baths:	Half Baths:
Bedrooms:	Fireplaces:

Please see Parcel Detail Report for complete information

Assessed Values

Full Market Value:	\$377900
Total Assessment:	\$355200
Land Assessment:	\$355200

Owner Information

AUTO OUTLETS USA PROPERTIES INC;80%INT; 6162 STATE ROUTE 66, RD;20%INT				
WEBSTER	NY	14580	-	

Recent Residential Sales

Valid Sales Only within the past three years

Date: **Price:** **Sale Type:**

Notes:

Deed Book: 1498 **Page:** 995 **Date Filed:** 6/24/2022

Comments:

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Tuesday, July 9, 2024



[Click here to look up your polling station](#)

Previous Owners

OWNER NAME(S): CASE REALTY HOLDINGS LLC

DEED DATE: 1/5/2018

DEED BOOK: 1399

DEED PAGE: 70

CLERK NUMBER: 201801050081

COMMENTS:

OWNER NAME(S): ARFCOM HOLDINGS, LLC

DEED DATE: 4/23/2012

DEED BOOK: 1276

DEED PAGE: 880

CLERK NUMBER: 201204230210

COMMENTS:

OWNER NAME(S): SW VICTOR-MANCHESTER, LLC

DEED DATE: 09/19/2007

DEED BOOK: 1192

DEED PAGE: 134

CLERK NUMBER: 200709190136

COMMENTS:

OWNER NAME(S): GRIFFIN TECHNOLOGY, INC.

DEED DATE: 12/1/1991

DEED BOOK: 913

DEED PAGE: 858

CLERK NUMBER:

COMMENTS:

OWNER NAME(S): SOLD 0.40A TO CARTER, ALBERT T

DEED DATE: 12/01/1991

DEED BOOK: 913

DEED PAGE: 865

CLERK NUMBER:

COMMENTS:

OWNER NAME(S): CARTER TOOL CORP

DEED DATE: 01/01/1979

DEED BOOK: 786

DEED PAGE: 323

CLERK NUMBER:

COMMENTS:

OWNER NAME(S): CARTER, ALBERT T

DEED DATE: 03/01/1978

DEED BOOK: 776

DEED PAGE: 1145

CLERK NUMBER:

COMMENTS:

OWNER NAME(S): SCAMPOLE, JAMES V

DEED DATE: 11/01/1977

DEED BOOK: 772

DEED PAGE: 442

CLERK NUMBER:

COMMENTS:

OWNER NAME(S): SCAMPOLE, JAMES V & BALZANO, RICHARD

DEED DATE: 06/01/1971

DEED BOOK: 711

DEED PAGE: 160



CLERK NUMBER:

COMMENTS:



Tax Information

SPECIAL DISTRICT TAX RATES

Special District	Code	SD Tax Rate	UN Tax Rate	FE Tax Rate
Drainage District #1	DD281	0.178967	0	0
Farm Fire Protection	FD281	0.491323	0	0
Cdga-Farm Water	WD281	0.835629	0	0

EXEMPTIONS

Exemptions Description	County	Town	Village	School
------------------------	--------	------	---------	--------

ESTIMATED TAXES WORKSHEET

The workspace below can be used to estimate the TRUE taxes for this property. Users are strongly urged to contact the Ontario County Treasure's Office (585-396-4432) to verify exact total taxes. If the property is in one of the cities, please contact either the City of Canandaigua (585-396-5015) or the City of Geneva (315-789-2114) depending on the location.

TAX TYPE	TAX RATE		TOTAL ASSESSED VALUE		TOTAL TAXES	TAX YEAR
SCHOOL:	14.29625	X	\$355200.00	/1000 =	\$5078.03	2023-2024
COUNTY:	5.980461	X	\$355200.00	/1000 =	\$2124.26	2023-2024
TOWN OR CITY:	0.700171	X	\$355200.00	/1000 =	\$248.70	2023-2024
VILLAGE:	0	X	\$355200.00	/1000 =	\$0.00	2023-2024

Municipal and School Taxes Subtotal: \$7450.99

+ Special District Taxes Subtotal:

TOTAL ESTIMATED TAXES:

SURVEYS

Survey ID	Survey Link (copy and paste in browser)
19442	https://oncorng.co.ontario.ny.us/surveys/19442.tiff
11/15/2013	FILED 12/11/1991, DJ PARRONE AND ASSOCIATES

TAX BILLS

Copy and paste link in a browser

School: https://oncorng.co.ontario.ny.us/TaxbillSchool/29.00-1-76.100_School.pdf

County/Town: https://oncorng.co.ontario.ny.us/TaxbillCountyTown/29.00-1-76.100_CountyTown.pdf

City:

Village:



ADDITIONAL INVENTORY

IMPROVEMENTS

Structure Description:

Year:

SqFt:

Dim1:

Dim2:

Condition:

Grade:

LAND DESCRIPTION

Land Type:

Waterfront:

Soil Rating:

Acres:

Depth:

Frontage:

Primary

2

0

0

Residual

4

0

0



INDIVIDUAL BUILDING DETAILS

RESIDENTIAL BUILDINGS

Building details are followed by area dimensions provided in square feet

Building Style:

Actual Year Built:

Effective Year Built:

Year Remodeled:

Number of Bedrooms:

Number of Full Baths:

Number of Half Baths:

Number of Kitchens:

Number of Fireplaces:

Overall Condition:

Construction Grade:

Number of Stories:

Heating Type:

Fuel Type:

Exterior Wall Material:

Exterior Condition:

Basement Type:

Central Air (1 = Yes)

Total Living Area:

First Story:

Second Story:

Additional Story:

Half Story:

Unfinished:

3/4 Story:

Unfinished:

Finished Basement Area:

Finished Attic Area:

Finished Rec Room Area:

Finished Over Garage:



COMMERCIAL BUILDINGS

Building Number:

Building Section:

Year Built:

Number of Indent Buildings:

Percent Air-conditioned:

Percent Alarmed:

Percent Sprinkler:

Gross Floor Area:

Perimeter:

Basement Square Footage:

Basement Perimeter:

Overall Condition:

Quality:

Number of Stories:

Story Height:

Basement Type:

Number of Elevators:

Boekh Model Number:

Boekh Model Code:

Wall A:

Wall B:

Wall C:



PROPERTY ANALYSIS

Type:	Description:	Acres:	% Coverage:
Ecological Community	Community Description TBD	6.60	100.000%
NRCS Soils	Cazenovia silt loam, 3 to 8 percent slopes	1.43	21.7%
NRCS Soils	Farmington loam, 3 to 8 percent slopes	0.35	5.3%
NRCS Soils	Palmyra gravelly loam, 0 to 3 percent slopes	0.09	1.3%
NRCS Soils	Kendaia loam, 0 to 3 percent slopes	0.36	5.5%
NRCS Soils	Farmington loam, 0 to 3 percent slopes	3.23	49.0%
NRCS Soils	Ovid silt loam, 0 to 3 percent slopes	1.14	17.3%
Utilities - Electric	ROCHESTER GAS & ELECTRIC	6.60	100.0%
Utilities - Gas	ROCHESTER GAS & ELECTRIC	6.60	100.0%
Utilities - Telephone	Frontier Telephone of Rochester	6.60	100.0%
Utilities - Telephone	Finger Lakes Technology Group	6.60	100.0%
Watershed	S. Bk-W/S Divide to Hathaway Brook	6.60	100.0%



LOCAL ZONING

Note: OnCOR users are strongly urged to contact the municipal planning/zoning office to confirm accuracy of the zoning information listed below.

Type:	Description:	% Coverage:
Town of Farmington MTOD Overlay	Major Thoroughfare Overlay	100.0%
Town of Farmington Zoning	GB - General Business	100.0%



ONCOR Ontario County Online Resources

Ontario County GIS Program
70 Ontario Street
Canandaigua, NY 14424



NOTE: Inventory and assessment data originates with the respective local assessor

PROPERTY SUMMARY REPORT

Tax Map ID:	29.00-1-41.100
Physical Address:	6179 St Rt 96
Community:	Town of Farmington
Easting: 611714	Northing: 1084272
Acres: 14.20	Neighborhood: 28580
Roll Section: 1 2024	Utilities: Gas & elec
Property Class: 454	Supermarket
School District:	Victor Central
Frontage: .00	Depth: .00
Heat:	Obstructions:
Fuel:	% NYS DEC Wetland: 0
Water: Comm/public	% NWI Wetland: 0
Sewer: Comm/public	% Steep Slope: 4
	% Flood Zone (A, AE): 9

BUILDING DETAILS (primary building only)

Year Built:	1982	Square Feet:	51151
Condition:	Good		
Style:	1 sty store load sup		
Stories:	1	Central Air:	
Siding:			
Basement:			
Full Baths:		Half Baths:	
Bedrooms:		Fireplaces:	

Please see Parcel Detail Report for complete information

Assessed Values

Full Market Value:	\$7665100
Total Assessment:	\$7205200
Land Assessment:	\$979800

Owner Information

FARMINGTON CENTER LLC
550 LATONA RD
SUITE 501
ROCHESTER NY 14626 -

Recent Residential Sales

Valid Sales Only within the past three years

Date: **Price:** **Sale Type:**



Click here to look up your polling station

Notes:

Deed Book: 1341 **Page:** 31 **Date Filed:** 6/24/2015

Comments:



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Tuesday, July 9, 2024

Previous Owners

OWNER NAME(S): WADE, JANE A

DEED DATE: 11/2/2009

DEED BOOK: 1235

DEED PAGE: 44

CLERK NUMBER: 200911020159

COMMENTS:

OWNER NAME(S): WADE, JOHN W

DEED DATE: 7/1/1997

DEED BOOK: 981

DEED PAGE: 766

CLERK NUMBER:

COMMENTS:

OWNER NAME(S): KEYES, GARY L

DEED DATE: 12/01/1994

DEED BOOK: 948

DEED PAGE: 441

CLERK NUMBER:

COMMENTS:

OWNER NAME(S): WADE, JOHN W

DEED DATE: 9/1/1992

DEED BOOK: 921

DEED PAGE: 270

CLERK NUMBER:

COMMENTS:

OWNER NAME(S): ONTARIO CO INDUSTRIAL DEVELOPMENT AGENCY

DEED DATE: 07/01/1982

DEED BOOK: 813

DEED PAGE: 20

CLERK NUMBER:

COMMENTS:

OWNER NAME(S): 96 MERTENSIA RD INC

DEED DATE: 05/01/1982

DEED BOOK: 812

DEED PAGE: 883

CLERK NUMBER:

COMMENTS:

OWNER NAME(S): WADE'S MARKET

DEED DATE: 07/01/1979

DEED BOOK: 790

DEED PAGE: 886

CLERK NUMBER:

COMMENTS:

OWNER NAME(S): ALAIMO, JAMES V ETAL

DEED DATE: 10/01/1973

DEED BOOK: 731

DEED PAGE: 1120

CLERK NUMBER:

COMMENTS:



Tax Information

SPECIAL DISTRICT TAX RATES

Special District	Code	SD Tax Rate	UN Tax Rate	FE Tax Rate
Drainage District #1	DD281	0.178967	0	0
Farm Fire Protection	FD281	0.491323	0	0
Cdga-Farm Water	WD281	0.835629	0	0

EXEMPTIONS

Exemptions Description	County	Town	Village	School
------------------------	--------	------	---------	--------

ESTIMATED TAXES WORKSHEET

The workspace below can be used to estimate the TRUE taxes for this property. Users are strongly urged to contact the Ontario County Treasure's Office (585-396-4432) to verify exact total taxes. If the property is in one of the cities, please contact either the City of Canandaigua (585-396-5015) or the City of Geneva (315-789-2114) depending on the location.

TAX TYPE	TAX RATE		TOTAL ASSESSED VALUE		TOTAL TAXES	TAX YEAR
SCHOOL:	14.29625	X	\$7205200.00	/1000 =	\$103007.34	2023-2024
COUNTY:	5.980461	X	\$7205200.00	/1000 =	\$43090.42	2023-2024
TOWN OR CITY:	0.700171	X	\$7205200.00	/1000 =	\$5044.87	2023-2024
VILLAGE:	0	X	\$7205200.00	/1000 =	\$0.00	2023-2024

Municipal and School Taxes Subtotal: \$151142.63

+ Special District Taxes Subtotal:

TOTAL ESTIMATED TAXES:

SURVEYS

Survey ID	Survey Link (copy and paste in browser)
23664 11/15/2013	https://oncorng.co.ontario.ny.us/surveys/23664.tiff

TAX BILLS

Copy and paste link in a browser

School: https://oncorng.co.ontario.ny.us/TaxbillSchool/29.00-1-41.100_School.pdf

County/Town: https://oncorng.co.ontario.ny.us/TaxbillCountyTown/29.00-1-41.100_CountyTown.pdf

City:

Village:



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Tuesday, July 9, 2024

ADDITIONAL INVENTORY

IMPROVEMENTS

Structure Description:	Year:	SqFt:	Dim1:	Dim2:	Condition:	Grade:
Pavng-asphlt	1983	136000	0	0	Normal	Average

LAND DESCRIPTION

Land Type:	Waterfront:	Soil Rating:	Acres:	Depth:	Frontage:
Primary			8	0	0
Residual			6	0	0



INDIVIDUAL BUILDING DETAILS

RESIDENTIAL BUILDINGS

Building details are followed by area dimensions provided in square feet

Building Style:

Actual Year Built:

Effective Year Built:

Year Remodeled:

Number of Bedrooms:

Number of Full Baths:

Number of Half Baths:

Number of Kitchens:

Number of Fireplaces:

Overall Condition:

Construction Grade:

Number of Stories:

Heating Type:

Fuel Type:

Exterior Wall Material:

Exterior Condition:

Basement Type:

Central Air (1 = Yes)

Total Living Area:

First Story:

Second Story:

Additional Story:

Half Story:

Unfinished:

3/4 Story:

Unfinished:

Finished Basement Area:

Finished Attic Area:

Finished Rec Room Area:

Finished Over Garage:



COMMERCIAL BUILDINGS

Building Number:	1	Overall Condition:	Good
Building Section:	1	Quality:	Average
Year Built:	1982	Number of Stories:	1
Number of Indent Buildings:	1	Story Height:	12
Percent Air-conditioned:	100	Basement Type:	
Percent Alarmed:	100	Number of Elevators:	0
Percent Sprinkler:	100	Boekh Model Number:	
Gross Floor Area:	51151	Boekh Model Code:	312
Perimeter:	1183	Wall A:	0
Basement Square Footage:	0	Wall B:	100
Basement Perimeter:	0	Wall C:	0



PROPERTY ANALYSIS

Type:	Description:	Acres:	% Coverage:
Ecological Community	Community Description TBD	13.40	100.000%
NRCS Soils	Galoo loam, 3 to 8 percent slopes, rocky	0.02	0.1%
NRCS Soils	Ovid silt loam, 0 to 3 percent slopes	13.39	99.9%
Utilities - Electric	ROCHESTER GAS & ELECTRIC	13.40	100.0%
Utilities - Gas	ROCHESTER GAS & ELECTRIC	13.40	100.0%
Utilities - Telephone	Frontier Telephone of Rochester	13.40	100.0%
Utilities - Telephone	Finger Lakes Technology Group	13.40	100.0%
Watershed	S. Bk-W/S Divide to Hathaway Brook	13.40	100.0%



LOCAL ZONING

Note: OnCOR users are strongly urged to contact the municipal planning/zoning office to confirm accuracy of the zoning information listed below.

Type:	Description:	% Coverage:
Town of Farmington MTOD Overlay	Major Thoroughfare Overlay	99.3%
Town of Farmington Zoning	GB - General Business	99.6%
Town of Farmington Zoning	RMF - Residential Multiple-Family	0.4%



ATTACHMENT B

2017 Biennial Groundwater Sampling Letter Report



November 30, 2017

Mr. Todd M. Caffoe, P.E.
New York State Department of Environmental Conservation
Division of Environmental Remediation, Region 8
6274 East Avon-Lima Road
Avon, New York 14414-9519

**RE: 2017 Biennial Groundwater Sampling Letter Report
Former Griffin Technology Facility (Site No. 835008)
Farmington, New York**

Dear Mr. Caffoe:

On behalf of Diebold, Inc. (Diebold), URS Corporation (URS) has prepared this Biennial Groundwater Sampling Letter Report to summarize field activities as part of the groundwater sampling effort performed in September 2017, in the vicinity of the former Griffin Technology Facility (Site) located in Farmington, New York (Figure 1).

In the 2014 *Supplemental Groundwater Sampling Letter Report* (URS, 2015), URS recommended the decommissioning of off-site monitoring wells MW-09S, MW-09D, MW-10S, MW-10D and MW-11D based on their analyses of the data from the 2013 and 2014 sampling events. Subsequent communications between the New York State Department of Environmental Conservation (NYSDEC) and Diebold/URS resulted in the agreement to repair MW-10S; decommission MW-09S, MW-09D, MW-10D and MW-11D; and collect supplemental groundwater samples from MW-06S and MW-07S for volatile organic compound (VOC) analyses. These activities were performed in June 2016; and discussions of their execution and data evaluation are presented in the 2016 PRR (URS, 2017), which recommended the following changes to the *Operations and Monitoring Plan for Annual Offsite Groundwater Monitoring* (O&M Plan) (URS, 2011):

- Conduct groundwater sampling of the remaining off-site wells (i.e., MW-06S, MW-06D, MW07S, MW07D and MW-10S) on a biennial basis, beginning in summer 2017.
- Generate biennial periodic review reports using the data from the aforementioned groundwater sampling.

This field work, which represents the first biennial monitoring event, was performed on September 13, 2017, and included:

- Collecting water levels from the remaining off-site monitoring wells identified in the O&M Plan.
- Collecting groundwater samples from the remaining off-site monitoring wells.

The data generated from the September 2017 field work are discussed below.

URS Corporation
257 West Genesee St., Suite 400
Buffalo, NY 14202
Tel: 716.856.5636
Fax: 716.856.2545

Groundwater Levels and Flow Direction

The water level measurements obtained from the off-site monitoring wells on September 13, 2017 are provided in Table 1; Figure 2 shows the corresponding shallow groundwater potentiometric surface. The data show that groundwater flow in the overburden wells is to the south-southwest towards Beaver Creek. This is consistent with groundwater flow direction observed during prior sampling events in the overburden wells.

In September 2017, horizontal gradients were approximately 0.024 ft./ft. in the overburden. Vertical gradient is downward in monitoring well pair MW-07S/D. There was a slight downward vertical gradient in MW-06S/D.

Sampling, Analysis and Data Usability

On September 13, 2017, URS collected groundwater samples from the remaining off-site monitoring wells (MW-06S, MW-06D, MW-07S, MW-07D and MW-10S) plus a QA/QC duplicate sample. Prior to sample collection, water was purged from each well with a peristaltic/bladder pump using dedicated/disposable high-density polyethylene (HDPE) tubing. During the well purging, water quality parameters (pH, temperature, specific conductivity, dissolved oxygen, turbidity and oxidation reduction potential) were measured and documented. These parameters were measured utilizing a flow-through cell. The wells were purged at a rate of 1-liter per minute or less and the purge rate was adjusted to prevent the water level in the well from dropping more than 0.3 feet from the static water level. Each well was purged until the water quality parameters stabilized for a minimum of three readings. Low Flow Purge Logs can be found in Attachment 1.

Collected groundwater samples were transported under chain-of-custody (COC) control to TestAmerica Laboratories, Inc., located in Amherst, New York, for the analysis of VOCs by USEPA Method 8260C. A Data Usability Summary Report (DUSR) was generated for this sampling event. Following data evaluation, the results for 2-butanone, 2-hexanone, 4-methyl-2-pentanone, chloromethane, cyclohexane and trichlorofluoromethane in all the samples were qualified as “UJ” (not detected/ the reported quantitation limit is an estimated value). No other data qualifications were made and all data are usable as reported. The complete validated analytical results are presented in the DUSR in Attachment 2.

Analytical Summary/ Contamination Assessment

The validated groundwater analytical results are summarized in Table 2. VOCs are compared to NYSDEC Division of Water Technical and Operational Guidance Series (TOGS) No. 1.1.1 Class GA groundwater criteria. Exceedances are indicated with an oval. The locations of detected VOCs that have exceeded their respective criterion are shown on Figure 2. The following is a summary of the analytical results:

- Trichloroethene (TCE) was detected at concentrations exceeding its Class GA groundwater standard (5 micrograms per liter [µg/L]) in the samples collected from MW-06S (45 µg/L), MW-06D (39 µg/L), MW-07S (41 µg/L) and MW-07D (62 µg/L).
- Cis-1,2-Dichloroethene (DCE) was detected at concentrations exceeding its Class GA groundwater standard (5 µg/L) in the samples collected from MW-06S (6.2 µg/L) and MW-07D (22 µg/L).

- 1,2-Dibromo-3-chloropropane was detected at an estimated concentration of 0.71 µg/L from MW-10S; exceeding its Class GA groundwater standard of 0.04 µg/L. However, the analysis performed on the corresponding field duplicate did not detect this compound. 1,2-Dibromo-3-chloropropane is used in agriculture and is not associated with the former Griffin Technology Facility.
- No other compounds were detected at concentrations exceeding their Class GA groundwater criteria.

TCE is the primary contaminant in the off-site monitoring wells. Figure 3 displays graphic trend analyses of TCE concentrations in these wells, between 1994 and 2017. These trends show an overall decrease in TCE concentrations since 1994, with the following clarifications:

- The concentration in MW-06S is higher than previous results.
- The concentration in MW-10S is below its standard for the first time since 2009.

A Mann-Kendall trend analysis was performed on the historical VOC concentrations between 1994 and 2017, for MW-06S, MW-06D, MW-07S, MW-07D and MW-10S. The trend analysis is presented in Table 3 and shows the following:

- In MW-07D there is a downward trend of 1,1,1-Trichloroethane and an upward trend of cis-1,2-DCE.
- Downward trends of 1,1,1-Trichloroethane and cis-1,2-DCE are present in MW-07S.
- No other trends were present.

Conclusions

The south-southwest direction of groundwater flow at the Site has remained constant since 2009.

The only VOCs detected at concentrations exceeding their standards were TCE, cis-1,2-DCE and 1,2-Dibromo-3-chloropropane. The 1,2-Dibromo-3-chloropropane exceedance was only from MW-10S. This is the only detection of 1,2-Dibromo-3-chloropropane in the history of the monitoring program, and is most likely an anomaly since it is an estimated concentration and was not detected in the corresponding field duplicate.

The TCE concentration trends show an overall decrease since 1994.

Recommendations

URS recommends conducting an additional round of sampling in summer 2019. Upon completion of that sampling event, a Periodic Review Report (PRR) will be prepared in accordance with NYSDEC's Division of Environmental Remediation (DER-10) *Technical Guidance for Site Investigation and Remediation* (NYSDEC, 2010), which will summarize sampling data collected to date.

References

- NYSDEC, 2010. *DER-10 / Technical Guidance for Site Investigation and Remediation*. May 3.
- URS, 2011. *Operations and Monitoring Plan for Annual Offsite Groundwater Monitoring*. June
- URS, 2015. *Supplemental Groundwater Sampling Letter Report, Former Griffin Technology Facility, Farmington, New York*. January
- URS, 2017. *Periodic review Report 2016, Former Griffin Technology Facility, Farmington, New York*. March

The following tables, figures and attachments are included as part of this field investigation letter report:

Tables

- | | |
|---------|--|
| Table 1 | Groundwater Elevations – September 13, 2017 |
| Table 2 | Groundwater Sampling Analytical Results (Detected Compounds Only) |
| Table 3 | Groundwater Sampling Analytical Result Trends (Detected VOCs Only) |

Figures

- | | |
|----------|---|
| Figure 1 | Site Location |
| Figure 2 | 2017 Groundwater Sample Results Exceeding Criteria and Shallow Groundwater Potentiometric Surface |
| Figure 3 | Trichloroethene Trends (Existing Wells) |

Attachments

- | | |
|--------------|--|
| Attachment 1 | Purge Logs |
| Attachment 2 | Data Usability Summary Report and Complete Analytical Report |

Should you have any questions or comments, please do not hesitate to contact me at 716-856-5636.

Sincerely,

URS Corporation



Michael Gutmann
Sr. Project Manager

cc: File: 13816402 (R-1)
Mr. Robert C. Morvillo, Diebold, Inc.
Kevin J. McGovern P.G., CPG, CHMM (URS)

TABLES

TABLE 1
GROUNDWATER ELEVATIONS
SEPTEMBER 13, 2017
FORMER GRIFFIN TECHNOLOGY FACILITY - OFF-SITE AREA
FARMINGTON, NEW YORK

Well ID	Top of Casing Elevation (ft. amsl)	Depth to Groundwater (ft. from Top of Casing)	Groundwater Elevation (ft. amsl)
MW-06S	636.61	6.21	630.40
MW-06D	636.83	6.55	630.28
MW-07S	634.29	6.15	628.14
MW-07D	634.16	34.25	599.91
MW-10S	629.00	14.56	614.44

ft. = feet

amsl = above mean sea level

TABLE 2
GROUNDWATER ANALYTICAL RESULTS (DETECTED COMPOUNDS ONLY)
SEPTEMBER 2017 SAMPLING EVENT
FORMER GRIFFIN TECHNOLOGY FACILITY SITE

Location ID			MW-06D	MW-06S	MW-07D	MW-07S	MW-10S
Sample ID			MW-06D	MW-06S	MW-07D	MW-07S	FD-20170913
Matrix			Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Depth Interval (ft)			-	-	-	-	-
Date Sampled			09/13/17	09/13/17	09/13/17	09/13/17	09/13/17
Parameter	Units	Criteria*					Field Duplicate (1-1)
Volatile Organic Compounds							
1,1,1-Trichloroethane	UG/L	5	1.6	1.5			
1,1-Dichloroethane	UG/L	5		0.38 J			
1,1-Dichloroethene	UG/L	5			0.53 J		
1,2-Dibromo-3-chloropropane	UG/L	0.04					
1,2-Dichloroethene (cis)	UG/L	5	4.7	6.2	22	1.7	
Acetone	UG/L	50	3.1 J		4.0 J	3.3 J	
Methyl tert-butyl ether	UG/L	10			0.18 J		
Trichloroethene	UG/L	5	39	45	62	41	2.5
Vinyl chloride	UG/L	2	1.5	1.5			

*Criteria- NYSDEC TOGS (1.1.1), Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations. June 1998, including January 1999 Errata Sheet, April 2000 and June 2004 Addenda. Class GA.

Flags assigned during chemistry validation are shown.



Concentration Exceeds Criteria

J - The reported concentration is an estimated value. Blank Cell - Not Detected.

Only Detected Results Reported.

TABLE 2
GROUNDWATER ANALYTICAL RESULTS (DETECTED COMPOUNDS ONLY)
SEPTEMBER 2017 SAMPLING EVENT
FORMER GRIFFIN TECHNOLOGY FACILITY SITE

Location ID			MW-10S
Sample ID			MW-10S
Matrix			Groundwater
Depth Interval (ft)			-
Date Sampled			09/13/17
Parameter	Units	Criteria*	
Volatile Organic Compounds			
1,1,1-Trichloroethane	UG/L	5	
1,1-Dichloroethane	UG/L	5	
1,1-Dichloroethene	UG/L	5	
1,2-Dibromo-3-chloropropane	UG/L	0.04	0.71 J
1,2-Dichloroethene (cis)	UG/L	5	
Acetone	UG/L	50	
Methyl tert-butyl ether	UG/L	10	
Trichloroethene	UG/L	5	2.6
Vinyl chloride	UG/L	2	

*Criteria- NYSDEC TOGS (1.1.1), Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations. June 1998, including January 1999 Errata Sheet, April 2000 and June 2004 Addenda. Class GA.

Flags assigned during chemistry validation are shown.



Concentration Exceeds Criteria

J - The reported concentration is an estimated value. Blank Cell - Not Detected.

Only Detected Results Reported.

TABLE 3
GROUNDWATER SAMPLING ANALYTICAL RESULT TRENDS (DETECTED VOCS ONLY)
FORMER GRIFFIN TECHNOLOGY FACILITY SITE

LOCID: MW-06D

Parameter	Matrix	Class	Num of Data Points	Num of Data Point Detections	Mann-Kendall Statistic S	Probabilities (1)	Trend (2)
1,1,1-Trichloroethane	WG	VOA	18	16	-88	No Value	
1,2-Dichloroethene (cis)	WG	VOA	18	9	34	0.115	No Trend
Acetone	WG	VOA	18	2	21	0.227	No Trend
Trichloroethene	WG	VOA	18	17	-92	No Value	
Vinyl chloride	WG	VOA	18	1	17	0.275	No Trend

LOCID: MW-06S

Parameter	Matrix	Class	Num of Data Points	Num of Data Point Detections	Mann-Kendall Statistic S	Probabilities (1)	Trend (2)
1,1,1-Trichloroethane	WG	VOA	19	12	-35	0.119	No Trend
1,1-Dichloroethane	WG	VOA	4	1	3	0.375	No Trend
1,2-Dichloroethene (cis)	WG	VOA	19	8	35	0.119	No Trend
Trichloroethene	WG	VOA	19	15	-16	0.314	No Trend
Vinyl chloride	WG	VOA	19	1	18	0.29	No Trend

LOCID: MW-07D

Parameter	Matrix	Class	Num of Data Points	Num of Data Point Detections	Mann-Kendall Statistic S	Probabilities (1)	Trend (2)
1,1,1-Trichloroethane	WG	VOA	18	6	-59	0.016	Downward Trend
1,1-Dichloroethene	WG	VOA	3	1		Insufficient Data *	
1,2-Dichloroethene (cis)	WG	VOA	18	18	66	0.009	Upward Trend
Acetone	WG	VOA	18	1	17	0.275	No Trend
Methyl tert-butyl ether	WG	VOA	3	1		Insufficient Data *	
Trichloroethene	WG	VOA	18	18	-104	No Value	
Vinyl chloride	WG	VOA	18	6	20	0.25	No Trend

LOCID: MW-07S

Parameter	Matrix	Class	Num of Data Points	Num of Data Point Detections	Mann-Kendall Statistic S	Probabilities (1)	Trend (2)
1,1,1-Trichloroethane	WG	VOA	19	15	-92	0.001	Downward Trend
1,2-Dichloroethene (cis)	WG	VOA	19	16	-60	0.021	Downward Trend

For multiple observations per time period, the Mann-Kendall test to the median was used.

Data reported as less than the detection limit were used by assigning a common value to the data that was smaller than the smallest measurement in the data set.

(1) - Probabilities for Mann-Kendall Nonparametric Test for Trend (Gilbert R.O. 1987, Table A18).

(2) - Assuming a probability of error of 10% in the analysis method and or data, then the probability of no trend as calculated by the Mann-Kendall statistic is less than 10%, then it is assumed that there is a trend.

* - Number of observations too small to calculate probabilities.

** - Probability Undefined for S=0 and N=6, 7, 10, 11, 14, 15, 18, 19, 22, 23, 26, 27, 30, 31, 34, or 35.

Only Detected Results Reported.

Advanced Selection: Griffin Hist MK4
J:\Projects\Small_Chemistry_Jobs\DB\Program\Stat.mdb
10/10/2017

WHERE [SITEID] = '13807296' AND [MATRIX] = 'WG' AND ([SACODE] = 'FD' OR [SACODE] = 'N') AND [PRCCODE] = 'VOA' AND ([LOCID] = 'MW-06S' OR [LOCID] = 'MW-06D' OR [LOCID] = 'MW-07D' OR [LOCID] = 'MW-07S' OR [LOCID] = 'MW-10S');

TABLE 3
GROUNDWATER SAMPLING ANALYTICAL RESULT TRENDS (DETECTED VOCs ONLY)
FORMER GRIFFIN TECHNOLOGY FACILITY SITE

LOCID: MW-07S

Parameter	Matrix	Class	Num of Data Points	Num of Data Point Detections	Mann-Kendall Statistic S	Probabilities (1)	Trend (2)
Acetone	WG	VOA	19	1	18	0.29	No Trend
Trichloroethene	WG	VOA	19	18	-111	No Value	

LOCID: MW-10S

Parameter	Matrix	Class	Num of Data Points	Num of Data Point Detections	Mann-Kendall Statistic S	Probabilities (1)	Trend (2)
1,1,1-Trichloroethane	WG	VOA	18	1	-15	0.3	No Trend
1,2-Dibromo-3-chloropropane	WG	VOA	4	1	3	0.375	No Trend
1,2-Dichloroethene (cis)	WG	VOA	18	1	15	0.3	No Trend
Methylcyclohexane	WG	VOA	4	1	-1	0.625	No Trend
Trichloroethene	WG	VOA	18	14	-23	0.205	No Trend

For multiple observations per time period, the Mann-Kendall test to the median was used.

Data reported as less than the detection limit were used by assigning a common value to the data that was smaller than the smallest measurement in the data set.

(1) - Probabilities for Mann-Kendall Nonparametric Test for Trend (Gilbert R.O. 1987, Table A18).

(2) - Assuming a probability of error of 10% in the analysis method and/or data, then the probability of no trend as calculated by the Mann-Kendall statistic is less than 10%, then it is assumed that there is a trend.

* - Number of observations too small to calculate probabilities.

** - Probability Undefined for S=0 and N=6, 7, 10, 11, 14, 15, 18, 19, 22, 23, 26, 27, 30, 31, 34, or 35.

Only Detected Results Reported.

Advanced Selection: Griffin Hist MK4
J:\Projects\Small_Chemistry_Jobs\DB\Program\Stat.mdb
10/10/2017

WHERE [SITEID] = '13807296' AND [MATRIX] = 'WG' AND ([SACODE] = 'FD' OR [SACODE] = 'N') AND [PRCODE] = 'VOA' AND ([LOCID] = 'MW-06S' OR [LOCID] = 'MW-06D' OR [LOCID] = 'MW-07D' OR [LOCID] = 'MW-07S' OR [LOCID] = 'MW-10S');

FIGURES



Source:
- National Geographic TOPO! via ArcGIS online data services.

2,000 0 2,000 Feet



FORMER GRIFFIN TECHNOLOGY, INC.
FARMINGTON, NEW YORK
SITE LOCATION

FIGURE 1

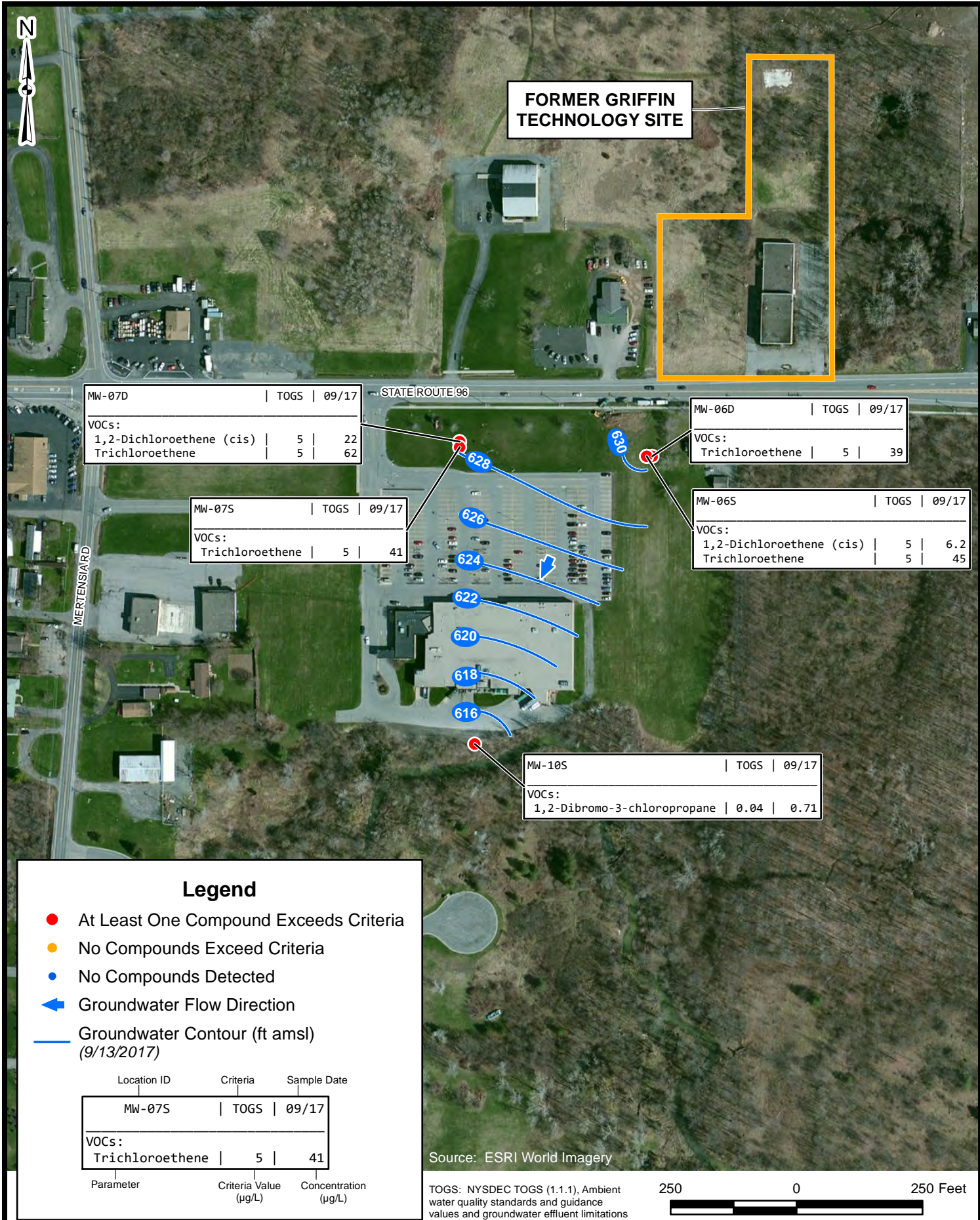
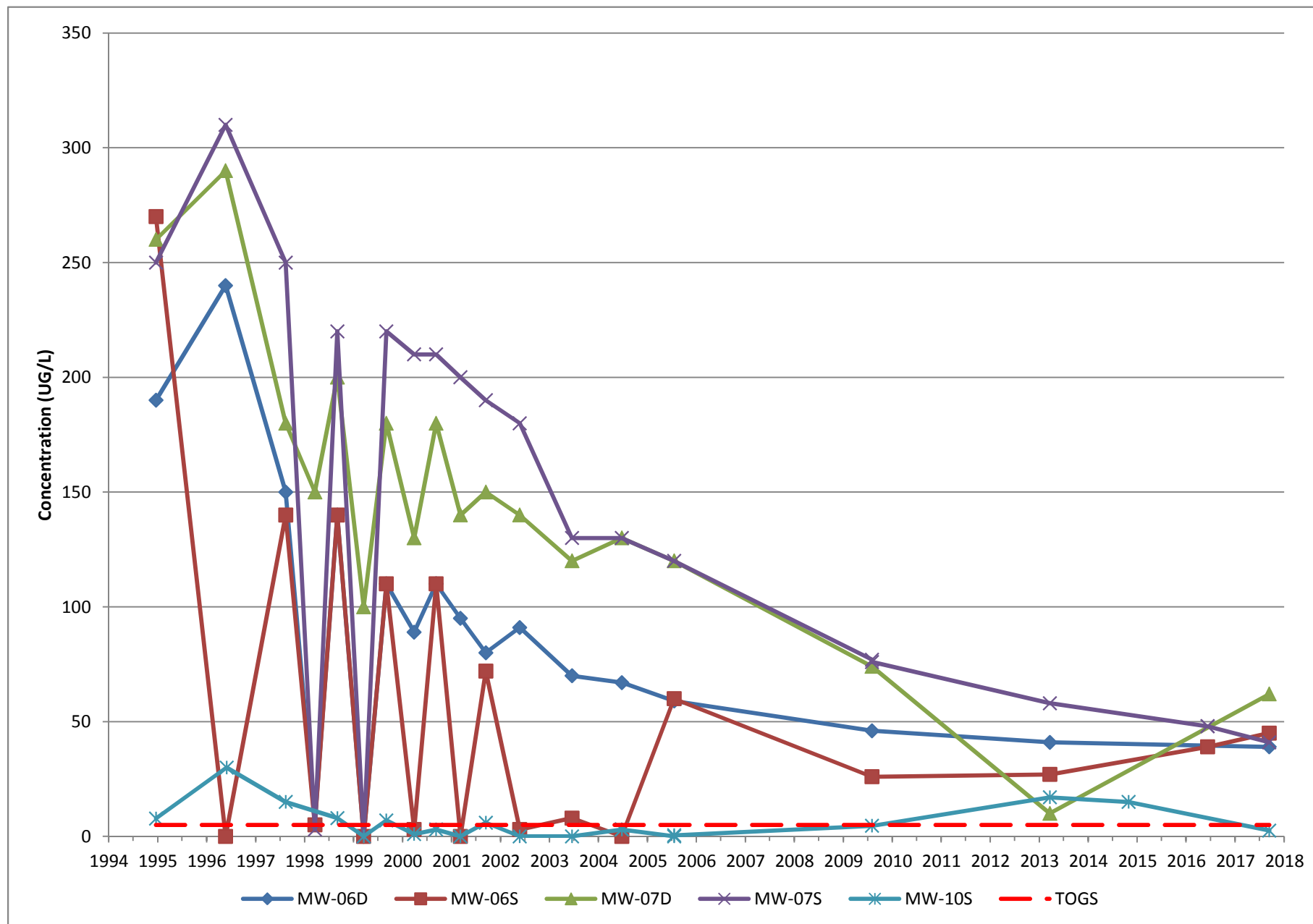


FIGURE 3
Trichloroethene Trends
(Existing Wells)



ATTACHMENT 1

PURGE LOGS

LOW FLOW GROUNDWATER PURGING/SAMPLING LOG

Project: Former Griffin Technology Site: Griffin Well I.D.: MW-06S

Date: 9/13/17 Sampling Personnel: Kevin McGovern Company: URS Corporation

Purging/
Sampling
Device: Geopump 2 peristaltic pump Tubing Type: HDPE Pump/Tubing
Inlet
Location: Screen midpoint

Measuring
Point: Top of Riser Initial Depth
to Water: 6.21 Depth to
Well Bottom: 18.90 Well
Diameter: 2" Screen
Length: 10'

Casing
Type: SCH 40 PVC Volume in 1
Well Casing
(liters): 7.83 Estimated
Purge
Volume
(liters): 5

Sample ID: MW-06S Sample
Time: 1125 QA/QC: None

Sample Parameters: TCL VOCs

PURGE PARAMETERS

TIME	pH	TEMP (°C)	COND. (mS/cm)	DISS. O ₂ (mg/l)	TURB. (NTU)	ORP (mV)	FLOW RATE (ml/min.)	DEPTH TO WATER (btor)
1100	7.03	19.21	1.32	8.71	11.8	133	200	6.52
1105	7.01	19.19	1.33	7.78	5.77	88	200	6.55
1110	7.00	17.33	1.34	6.44	3.77	28	200	6.55
1115	7.00	17.30	1.37	3.35	2.73	21	200	6.55
1120	7.00	17.00	1.39	3.42	2.99	16	200	6.55
1125	7.00	16.71	1.40	3.50	3.42	14	200	6.55
Tolerance:	0.1	---	3%	10%	10%	+ or - 10	---	

Information: WATER VOLUMES--0.75 inch diameter well = 87 ml/ft.; 1 inch diameter well = 154 ml/ft.; 2 inch diameter well = 617 ml/ft.;
4 inch diameter well = 2470 ml/ft. ($vol_{cyl} = \pi r^2 h$)

Comments:

Bolt holes on curb box stripped

LOW FLOW GROUNDWATER PURGING/SAMPLING LOG

Project: Former Griffin Technology Site: Griffin Well I.D.: MW-06D

Date: 9/13/17 Sampling Personnel: Kevin McGovern Company: URS Corporation

Purging/
Sampling
Device: Geopump 2 peristaltic pump Tubing Type: HDPE Pump/Tubing
Inlet
Location: Screen midpoint

Measuring
Point: Top of Riser Initial Depth
to Water: 6.55 Depth to
Well Bottom: 37.60 Well
Diameter: 2" Screen
Length: 10'

Casing
Type: SCH 40 PVC Volume in 1
Well Casing
(liters): 19.16 Estimated
Purge
Volume
(liters): 6

Sample ID: MW-06D Sample
Time: 1206 QA/QC: None

Sample Parameters: TCL VOCs

PURGE PARAMETERS

TIME	pH	TEMP (°C)	COND. (mS/cm)	DISS. O ₂ (mg/l)	TURB. (NTU)	ORP (mV)	FLOW RATE (ml/min.)	DEPTH TO WATER (btor)
1136	7.01	16.82	1.10	0.84	54.1	-5	200	7.19
1141	7.01	15.90	1.15	0.17	45.3	-31	200	7.60
1146	6.97	14.63	1.29	0.00	30.8	-61	200	7.69
1151	6.97	14.49	1.26	0.00	32	-63	200	7.69
1156	6.97	14.40	1.30	0.00	23.8	-65	200	7.69
1201	6.97	14.41	1.29	0.00	21.1	-66	200	7.69
1206	6.98	14.40	1.28	0.00	22.3	-66	200	7.69
Tolerance:	0.1	---	3%	10%	10%	+ or - 10	---	

Information: WATER VOLUMES--0.75 inch diameter well = 87 ml/ft.; 1 inch diameter well = 154 ml/ft.; 2 inch diameter well = 617 ml/ft.;
4 inch diameter well = 2470 ml/ft. ($\text{vol}_{\text{cyl}} = \pi r^2 h$)

Comments:

Curb box damaged, needs replacement

LOW FLOW GROUNDWATER PURGING/SAMPLING LOG

Project: Former Griffin Technology Site: Griffin Well I.D.: MW-07S

Date: 9/13/17 Sampling Personnel: Kevin McGovern Company: URS Corporation

Purging/
Sampling
Device: Geopump 2 peristaltic pump Tubing Type: HDPE Pump/Tubing
Inlet
Location: Screen midpoint

Measuring
Point: Top of Riser Initial Depth
to Water: 6.15 Depth to
Well Bottom: 25.72 Well
Diameter: 2" Screen
Length: 10'

Casing
Type: SCH 40 PVC Volume in 1
Well Casing
(liters): 12.07 Estimated
Purge
Volume
(liters): 6

Sample ID: MW-07S Sample
Time: 1310 QA/QC: None

Sample Parameters: TCL VOCs

PURGE PARAMETERS

TIME	pH	TEMP (°C)	COND. (mS/cm)	DISS. O ₂ (mg/l)	TURB. (NTU)	ORP (mV)	FLOW RATE (ml/min.)	DEPTH TO WATER (btor)
1240	7.03	20.62	1.07	1.29	130	131	200	6.55
1245	6.99	20.11	1.07	0.77	54.7	135	200	6.70
1250	6.94	19.22	1.08	0.00	31.5	140	200	6.72
1255	6.94	18.73	1.09	0.00	17.4	141	200	6.72
1300	6.94	18.68	1.10	0.00	7.21	142	200	6.72
1305	6.94	18.90	1.10	0.00	8.17	142	200	6.72
1310	6.94	19.22	1.10	0.00	7.63	143	200	6.72
Tolerance:	0.1	---	3%	10%	10%	+ or - 10	---	

Information: WATER VOLUMES--0.75 inch diameter well = 87 ml/ft.; 1 inch diameter well = 154 ml/ft.; 2 inch diameter well = 617 ml/ft.;
4 inch diameter well = 2470 ml/ft. ($\text{vol}_{\text{cyl}} = \pi r^2 h$)

Comments:

LOW FLOW GROUNDWATER PURGING/SAMPLING LOG

Project: Former Griffin Technology Site: Griffin Well I.D.: MW-07D

Date: 9/13/17 Sampling Personnel: Kevin McGovern Company: URS Corporation

Purging/
Sampling
Device: Bladder Pump Tubing Type: HDPE Pump/Tubing
Inlet
Location: Screen midpoint

Measuring
Point: Top of Riser Initial Depth
to Water: 32.45 Depth to
Well Bottom: 44.40 Well
Diameter: 2" Screen
Length: 10'

Casing
Type: SCH 40 PVC Volume in 1
Well Casing
(liters): 7.37 Estimated
Purge
Volume
(liters): 6

Sample ID: MW-07D Sample
Time: 1400 QA/QC: None

Sample Parameters: TCL VOCs

PURGE PARAMETERS

TIME	pH	TEMP (°C)	COND. (mS/cm)	DISS. O ₂ (mg/l)	TURB. (NTU)	ORP (mV)	FLOW RATE (ml/min.)	DEPTH TO WATER (btor)
1330	6.99	16.61	1.56	1.88	52	114	200	33.00
1335	6.97	16.06	1.57	0.84	35.6	112	200	33.80
1340	6.90	15.35	158.00	0.00	18.8	113	200	34.90
1345	6.96	15.50	1.60	0.00	21.7	116	200	35.40
1350	6.96	16.17	1.62	0.00	18.6	117	200	35.60
1355	6.95	16.49	1.61	0.00	16.4	116	200	35.68
1400	6.95	16.62	1.60	0.00	14.4	113	200	35.72
Tolerance:	0.1	---	3%	10%	10%	+ or - 10	---	

Information: WATER VOLUMES--0.75 inch diameter well = 87 ml/ft.; 1 inch diameter well = 154 ml/ft.; 2 inch diameter well = 617 ml/ft.;
4 inch diameter well = 2470 ml/ft. ($\text{vol}_{\text{cyl}} = \pi r^2 h$)

Comments:
Curb box lid loose, suggest new curb box

LOW FLOW GROUNDWATER PURGING/SAMPLING LOG

Project: Former Griffin Technology Site: Griffin Well I.D.: MW-10S

Date: 9/13/17 Sampling Personnel: Kevin McGovern Company: URS Corporation

Purging/
Sampling
Device: Geopump 2 peristaltic pump Tubing Type: HDPE Pump/Tubing
Inlet
Location: Screen midpoint

Measuring
Point: Top of Riser Initial Depth
to Water: 14.56 Depth to
Well Bottom: 22.62 Well
Diameter: 2" Screen
Length: 10'

Casing
Type: SCH 40 PVC Volume in 1
Well Casing
(liters): 4.97 Estimated
Purge
Volume
(liters): 6

Sample ID: MW-10S Sample
Time: 1032 QA/QC: FD-20170913

Sample Parameters: TCL VOCs

PURGE PARAMETERS

TIME	pH	TEMP (°C)	COND. (mS/cm)	DISS. O ₂ (mg/l)	TURB. (NTU)	ORP (mV)	FLOW RATE (ml/min.)	DEPTH TO WATER (btor)
1002	6.55	16.69	1.83	4.22	107	249	200	14.62
1007	6.63	15.87	1.83	2.24	82	157	200	14.68
1012	6.70	15.36	1.86	0.37	34.1	89	200	14.70
1017	6.72	15.34	1.86	0.22	24.9	88	200	14.70
1022	6.76	15.32	1.88	0.00	24.2	88	200	14.70
1027	6.77	15.35	1.39	0.00	23.8	84	200	14.70
1032	6.79	15.38	1.90	0.00	23.9	83	200	14.70
Tolerance:	0.1	---	3%	10%	10%	+ or - 10	---	

Information: WATER VOLUMES--0.75 inch diameter well = 87 ml/ft.; 1 inch diameter well = 154 ml/ft.; 2 inch diameter well = 617 ml/ft.;
4 inch diameter well = 2470 ml/ft. ($\text{vol}_{\text{cyl}} = \pi r^2 h$)

Comments:

ATTACHMENT 2

**DATA USABILITY SUMMARY REPORT
AND
COMPLETE ANALYTICAL REPORT**

MEMORANDUM

TO: Mike Gutmann

FROM: Ann Marie Kropovitch

DATE: October 10, 2017

**SUBJECT: Groundwater Analytical Results
Former Griffin Technology Facility**

Five groundwater samples and one field duplicate were collected from the Former Griffin Technology Facility site on September 13, 2017 and delivered to TestAmerica Laboratories, Inc. located in Amherst, NY for analysis. A trip blank accompanied the samples. The samples were received by the laboratory on September 13, 2017 intact, properly preserved and under proper chain-of-custody.

The samples were analyzed for volatile organic compounds (VOCs) by United States Environmental Protection Agency (USEPA) Method 8260C. The analytical method referenced is from "Test Methods for Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 and its updates.

The following USEPA Region II standard operating procedure (SOP) was used to evaluate and, when required, qualify the data:

- Validating Volatile Organic Compounds by Gas Chromatography/Mass Spectrometry SW-846 Method 8260B & 8260C, SOP HW-24, Revision 4, October 2014.

A limited data review was performed for completeness of deliverables, and for compliance with method and validation SOP criteria, which includes quantitation limits, holding times, method blanks, trip blanks, surrogate recoveries, laboratory control sample (LCS) recoveries and any items presented in the laboratory's case narrative. Only method and validation SOP non-conformances are discussed in this report.

The analytical results are provided in Table 1. Definitions of USEPA Region II data qualifiers are presented at the end of this memorandum.

VOCs

The percent difference (%D) between the VOC initial calibration (ICAL) average relative response factor (RRF) and the RRF in the continuing calibration (CCAL) standard associated with samples MW-06D, MW-06S, MW-07D, MW-07S, MW-10S, and FD-20170913 (MW-10S) exceeded the QC limit of 20% for 2-butanone, 2-hexanone, 4-methyl-2-pentanone, chloromethane, cyclohexane, and trichlorofluoromethane. The results for this compound in all samples were qualified 'UJ'.

No other data qualifications were made. All data are usable as reported.

Field Duplicate Results

Sample FD-20170913 is a field duplicate of MW-10S. There was good agreement between the detected compounds in the sample and field duplicate as shown in Table 2. USEPA Region II validation guidelines do not provide any criteria for RPDs, nor are there any recommendations for the qualification of data based on field duplicate results.

cc: File: 13816402.00000

DEFINITION OF USEPA REGION II DATA QUALIFIERS

The following are definitions of the qualifiers assigned to results during the data review process.

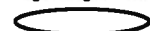
- U** - The analyte was analyzed for, but was not detected above the reported sample quantitation limit.
- J** - The analyte was positively identified; the associated numerical value is the approximate concentration of the analyte in the sample.
- UJ** - The analyte was analyzed for, but not detected. The reported quantitation limit is approximate and may be inaccurate or imprecise.

TABLE 1
GROUNDWATER ANALYTICAL RESULTS

Location ID			FIELDQC	MW-06D	MW-06S	MW-07D	MW-07S
Sample ID			TRIP BLANK	MW-06D	MW-06S	MW-07D	MW-07S
Matrix			Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Depth Interval (ft)			-	-	-	-	-
Date Sampled			09/13/17	09/13/17	09/13/17	09/13/17	09/13/17
Parameter	Units	Criteria*	Trip Blank (1-1)				
Volatile Organic Compounds							
1,1,1-Trichloroethane	UG/L	5	1.0 U	1.6	1.5	1.0 U	1.0 U
1,1,2,2-Tetrachloroethane	UG/L	5	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1,2-Trichloro-1,2,2-trifluoroethane	UG/L	5	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1,2-Trichloroethane	UG/L	1	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1-Dichloroethane	UG/L	5	1.0 U	1.0 U	0.38 J	1.0 U	1.0 U
1,1-Dichloroethene	UG/L	5	1.0 U	1.0 U	1.0 U	0.53 J	1.0 U
1,2,4-Trichlorobenzene	UG/L	5	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dibromo-3-chloropropane	UG/L	0.04	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dibromoethane (Ethylene dibromide)	UG/L	0.006	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichlorobenzene	UG/L	3	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichloroethane	UG/L	0.6	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichloroethene (cis)	UG/L	5	1.0 U	4.7	6.2	22	1.7
1,2-Dichloroethene (trans)	UG/L	5	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichloropropane	UG/L	1	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,3-Dichlorobenzene	UG/L	3	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,3-Dichloropropene (cis)	UG/L	0.4	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,3-Dichloropropene (trans)	UG/L	0.4	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,4-Dichlorobenzene	UG/L	3	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
2-Hexanone	UG/L	50	5.0 U	5.0 UJ	5.0 UJ	5.0 UJ	5.0 UJ
4-Methyl-2-pentanone	UG/L	-	5.0 U	5.0 UJ	5.0 UJ	5.0 UJ	5.0 UJ
Acetone	UG/L	50	10 U	3.1 J	10 U	4.0 J	3.3 J
Benzene	UG/L	1	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromodichloromethane	UG/L	50	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U

*Criteria- NYSDEC TOGS (1.1.1), Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations. June 1998, including January 1999 Errata Sheet, April 2000 and June 2004 Addenda. Class GA.

Flags assigned during chemistry validation are shown.



Concentration Exceeds Criteria

J - The reported concentration is an estimated value.

UJ - Not detected. The reported quantitation limit is an estimated value.

Detection Limits shown are PQL

TABLE 1
GROUNDWATER ANALYTICAL RESULTS

Location ID			FIELDQC	MW-06D	MW-06S	MW-07D	MW-07S
Sample ID			TRIP BLANK	MW-06D	MW-06S	MW-07D	MW-07S
Matrix			Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Depth Interval (ft)			-	-	-	-	-
Date Sampled			09/13/17	09/13/17	09/13/17	09/13/17	09/13/17
Parameter	Units	Criteria*	Trip Blank (1-1)				
Volatile Organic Compounds							
Bromoform	UG/L	50	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromomethane	UG/L	5	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Carbon disulfide	UG/L	60	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Carbon tetrachloride	UG/L	5	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chlorobenzene	UG/L	5	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chloroethane	UG/L	5	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chloroform	UG/L	7	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chloromethane	UG/L	5	1.0 U	1.0 UJ	1.0 UJ	1.0 UJ	1.0 UJ
Cyclohexane	UG/L	-	1.0 U	1.0 UJ	1.0 UJ	1.0 UJ	1.0 UJ
Dibromochloromethane	UG/L	50	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Dichlorodifluoromethane	UG/L	5	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Ethylbenzene	UG/L	5	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Isopropylbenzene (Cumene)	UG/L	5	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Methyl acetate	UG/L	-	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
Methyl ethyl ketone (2-Butanone)	UG/L	50	10 U	10 UJ	10 UJ	10 UJ	10 UJ
Methyl tert-butyl ether	UG/L	10	1.0 U	1.0 U	1.0 U	0.18 J	1.0 U
Methylcyclohexane	UG/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Methylene chloride	UG/L	5	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Styrene	UG/L	5	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Tetrachloroethene	UG/L	5	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Toluene	UG/L	5	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Trichloroethene	UG/L	5	1.0 U	39	45	62	41
Trichlorofluoromethane	UG/L	5	1.0 U	1.0 UJ	1.0 UJ	1.0 UJ	1.0 UJ

*Criteria- NYSDEC TOGS (1.1.1), Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations. June 1998, including January 1999 Errata Sheet, April 2000 and June 2004 Addenda. Class GA.

Flags assigned during chemistry validation are shown.

 Concentration Exceeds Criteria

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UJ - Not detected. The reported quantitation limit is an estimated value.

Detection Limits shown are PQL

TABLE 1
GROUNDWATER ANALYTICAL RESULTS

Location ID			FIELDQC	MW-06D	MW-06S	MW-07D	MW-07S
Sample ID			TRIP BLANK	MW-06D	MW-06S	MW-07D	MW-07S
Matrix			Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Depth Interval (ft)			-	-	-	-	-
Date Sampled			09/13/17	09/13/17	09/13/17	09/13/17	09/13/17
Parameter	Units	Criteria*	Trip Blank (1-1)				
Volatile Organic Compounds							
Vinyl chloride	UG/L	2	1.0 U	1.5	1.5	1.0 U	1.0 U
Xylene (total)	UG/L	5	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U

*Criteria- NYSDEC TOGS (1.1.1), Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations. June 1998, including January 1999 Errata Sheet, April 2000 and June 2004 Addenda. Class GA.

Flags assigned during chemistry validation are shown.



Concentration Exceeds Criteria

J - The reported concentration is an estimated value.

UJ - Not detected. The reported quantitation limit is an estimated value.

Detection Limits shown are PQL

TABLE 1
GROUNDWATER ANALYTICAL RESULTS

Location ID			MW-10S	MW-10S
Sample ID			FD-20170913	MW-10S
Matrix			Groundwater	Groundwater
Depth Interval (ft)			-	-
Date Sampled			09/13/17	09/13/17
Parameter	Units	Criteria*	Field Duplicate (1-1)	
Volatile Organic Compounds				
1,1,1-Trichloroethane	UG/L	5	1.0 U	1.0 U
1,1,2,2-Tetrachloroethane	UG/L	5	1.0 U	1.0 U
1,1,2-Trichloro-1,2,2-trifluoroethane	UG/L	5	1.0 U	1.0 U
1,1,2-Trichloroethane	UG/L	1	1.0 U	1.0 U
1,1-Dichloroethane	UG/L	5	1.0 U	1.0 U
1,1-Dichloroethene	UG/L	5	1.0 U	1.0 U
1,2,4-Trichlorobenzene	UG/L	5	1.0 U	1.0 U
1,2-Dibromo-3-chloropropane	UG/L	0.04	1.0 U	0.71 J
1,2-Dibromoethane (Ethylene dibromide)	UG/L	0.006	1.0 U	1.0 U
1,2-Dichlorobenzene	UG/L	3	1.0 U	1.0 U
1,2-Dichloroethane	UG/L	0.6	1.0 U	1.0 U
1,2-Dichloroethene (cis)	UG/L	5	1.0 U	1.0 U
1,2-Dichloroethene (trans)	UG/L	5	1.0 U	1.0 U
1,2-Dichloropropane	UG/L	1	1.0 U	1.0 U
1,3-Dichlorobenzene	UG/L	3	1.0 U	1.0 U
1,3-Dichloropropene (cis)	UG/L	0.4	1.0 U	1.0 U
1,3-Dichloropropene (trans)	UG/L	0.4	1.0 U	1.0 U
1,4-Dichlorobenzene	UG/L	3	1.0 U	1.0 U
2-Hexanone	UG/L	50	5.0 UJ	5.0 UJ
4-Methyl-2-pentanone	UG/L	-	5.0 UJ	5.0 UJ
Acetone	UG/L	50	10 U	10 U
Benzene	UG/L	1	1.0 U	1.0 U
Bromodichloromethane	UG/L	50	1.0 U	1.0 U

*Criteria- NYSDEC TOGS (1.1.1), Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations. June 1998, including January 1999 Errata Sheet, April 2000 and June 2004 Addenda. Class GA.

Flags assigned during chemistry validation are shown.



Concentration Exceeds Criteria

J - The reported concentration is an estimated value.

UJ - Not detected. The reported quantitation limit is an estimated value.

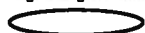
Detection Limits shown are PQL

TABLE 1
GROUNDWATER ANALYTICAL RESULTS

Location ID			MW-10S	MW-10S
Sample ID			FD-20170913	MW-10S
Matrix			Groundwater	Groundwater
Depth Interval (ft)			-	-
Date Sampled			09/13/17	09/13/17
Parameter	Units	Criteria*	Field Duplicate (1-1)	
Volatile Organic Compounds				
Bromoform	UG/L	50	1.0 U	1.0 U
Bromomethane	UG/L	5	1.0 U	1.0 U
Carbon disulfide	UG/L	60	1.0 U	1.0 U
Carbon tetrachloride	UG/L	5	1.0 U	1.0 U
Chlorobenzene	UG/L	5	1.0 U	1.0 U
Chloroethane	UG/L	5	1.0 U	1.0 U
Chloroform	UG/L	7	1.0 U	1.0 U
Chloromethane	UG/L	5	1.0 UJ	1.0 UJ
Cyclohexane	UG/L	-	1.0 UJ	1.0 UJ
Dibromochloromethane	UG/L	50	1.0 U	1.0 U
Dichlorodifluoromethane	UG/L	5	1.0 U	1.0 U
Ethylbenzene	UG/L	5	1.0 U	1.0 U
Isopropylbenzene (Cumene)	UG/L	5	1.0 U	1.0 U
Methyl acetate	UG/L	-	2.5 U	2.5 U
Methyl ethyl ketone (2-Butanone)	UG/L	50	10 UJ	10 UJ
Methyl tert-butyl ether	UG/L	10	1.0 U	1.0 U
Methylcyclohexane	UG/L	-	1.0 U	1.0 U
Methylene chloride	UG/L	5	1.0 U	1.0 U
Styrene	UG/L	5	1.0 U	1.0 U
Tetrachloroethene	UG/L	5	1.0 U	1.0 U
Toluene	UG/L	5	1.0 U	1.0 U
Trichloroethene	UG/L	5	2.5	2.6
Trichlorofluoromethane	UG/L	5	1.0 UJ	1.0 UJ

*Criteria- NYSDEC TOGS (1.1.1), Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations. June 1998, including January 1999 Errata Sheet, April 2000 and June 2004 Addenda. Class GA.

Flags assigned during chemistry validation are shown.



Concentration Exceeds Criteria

J - The reported concentration is an estimated value.

UJ - Not detected. The reported quantitation limit is an estimated value.

Detection Limits shown are PQL

TABLE 1
GROUNDWATER ANALYTICAL RESULTS

Location ID			MW-10S	MW-10S
Sample ID			FD-20170913	MW-10S
Matrix			Groundwater	Groundwater
Depth Interval (ft)			-	-
Date Sampled			09/13/17	09/13/17
Parameter	Units	Criteria*	Field Duplicate (1-1)	
Volatile Organic Compounds				
Vinyl chloride	UG/L	2	1.0 U	1.0 U
Xylene (total)	UG/L	5	2.0 U	2.0 U

*Criteria- NYSDEC TOGS (1.1.1), Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations. June 1998, including January 1999 Errata Sheet, April 2000 and June 2004 Addenda. Class GA.

Flags assigned during chemistry validation are shown.



Concentration Exceeds Criteria

J - The reported concentration is an estimated value.

UJ - Not detected. The reported quantitation limit is an estimated value.

Detection Limits shown are PQL

TABLE 2
FIELD DUPLICATE COMPARISON
FORMER GRIFFIN TECHNOLOGY FACILITY SITE

Detected Compound	MW-10S (µg/L)	FD-20170913 (µg/L)	RPD (%)
1,2-Dibromo-3-chloropropane	0.71 J	ND	NC
Trichloroethene	2.6	2.5	3.9

RPD – relative percent difference.

µg/L – micrograms per liter.

ND – not detected

NC – not calculated

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

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

TestAmerica Job ID: 480-124095-1
Client Project/Site: Griffin Diebolt

For:
AECOM, Inc.
257 West Genesee Street
Suite 400
Buffalo, New York 14202-2657

Attn: George Kisluk

Melissa Deyo

Authorized for release by:
9/25/2017 10:51:52 AM

Melissa Deyo, Project Manager I
(716)504-9874
melissa.deyo@testamericainc.com

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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.

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Definitions/Glossary

Client: AECOM, Inc.
Project/Site: Griffin Diebolt

TestAmerica Job ID: 480-124095-1

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.
---	--

GC/MS VOA TICs

Qualifier	Qualifier Description
-----------	-----------------------

J	Indicates an Estimated Value for TICs
---	---------------------------------------

N	Presumptive evidence of material.
---	-----------------------------------

T	Result is a tentatively identified compound (TIC) and an estimated 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: AECOM, Inc.
Project/Site: Griffin Diebolt

TestAmerica Job ID: 480-124095-1

Job ID: 480-124095-1

Laboratory: TestAmerica Buffalo

Narrative

Job Narrative
480-124095-1

Receipt

The samples were received on 9/13/2017 4:31 PM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 4.0° C.

GC/MS VOA

Method(s) 8260C: The continuing calibration verification (CCV) associated with batch 480-378347 recovered above the upper control limit for 2-Hexanone, Cyclohexane, Chloromethane, 4-Methyl-2-pentanone (MIBK), Trichlorofluoromethane, and 2-Butanone (MEK). The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The following samples are impacted: MW-06S (480-124095-1), MW-06D (480-124095-2), MW-07S (480-124095-3), MW-07D (480-124095-4), MW-10S (480-124095-5) and FD-20170913 (480-124095-6).

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

Detection Summary

Client: AECOM, Inc.
Project/Site: Griffin Diebolt

TestAmerica Job ID: 480-124095-1

Client Sample ID: MW-06S

Lab Sample ID: 480-124095-1

Analyte	Result	Qualifier	RL	MDL	Unit	DII Fac	D	Method	Prep Type
1,1,1-Trichloroethane	1.5		1.0	0.82	ug/L	1		8260C	Total/NA
1,1-Dichloroethane	0.38	J	1.0	0.38	ug/L	1		8260C	Total/NA
cis-1,2-Dichloroethene	6.2		1.0	0.81	ug/L	1		8260C	Total/NA
Trichloroethene	45		1.0	0.46	ug/L	1		8260C	Total/NA
Vinyl chloride	1.5		1.0	0.90	ug/L	1		8260C	Total/NA

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Client Sample ID: MW-06D

Lab Sample ID: 480-124095-2

Analyte	Result	Qualifier	RL	MDL	Unit	DII Fac	D	Method	Prep Type
1,1,1-Trichloroethane	1.6		1.0	0.82	ug/L	1		8260C	Total/NA
Acetone	3.1	J	10	3.0	ug/L	1		8260C	Total/NA
cis-1,2-Dichloroethene	4.7		1.0	0.81	ug/L	1		8260C	Total/NA
Trichloroethene	39		1.0	0.46	ug/L	1		8260C	Total/NA
Vinyl chloride	1.5		1.0	0.90	ug/L	1		8260C	Total/NA

Client Sample ID: MW-07S

Lab Sample ID: 480-124095-3

Analyte	Result	Qualifier	RL	MDL	Unit	DII Fac	D	Method	Prep Type
Acetone	3.3	J	10	3.0	ug/L	1		8260C	Total/NA
cis-1,2-Dichloroethene	1.7		1.0	0.81	ug/L	1		8260C	Total/NA
Trichloroethene	41		1.0	0.46	ug/L	1		8260C	Total/NA

Client Sample ID: MW-07D

Lab Sample ID: 480-124095-4

Analyte	Result	Qualifier	RL	MDL	Unit	DII Fac	D	Method	Prep Type
1,1-Dichloroethene	0.53	J	1.0	0.29	ug/L	1		8260C	Total/NA
Acetone	4.0	J	10	3.0	ug/L	1		8260C	Total/NA
cis-1,2-Dichloroethene	22		1.0	0.81	ug/L	1		8260C	Total/NA
Methyl tert-butyl ether	0.18	J	1.0	0.16	ug/L	1		8260C	Total/NA
Trichloroethene	62		1.0	0.46	ug/L	1		8260C	Total/NA

Client Sample ID: MW-10S

Lab Sample ID: 480-124095-5

Analyte	Result	Qualifier	RL	MDL	Unit	DII Fac	D	Method	Prep Type
1,2-Dibromo-3-Chloropropane	0.71	J	1.0	0.39	ug/L	1		8260C	Total/NA
Trichloroethene	2.6		1.0	0.46	ug/L	1		8260C	Total/NA

Client Sample ID: FD-20170913

Lab Sample ID: 480-124095-6

Analyte	Result	Qualifier	RL	MDL	Unit	DII Fac	D	Method	Prep Type
Trichloroethene	2.5		1.0	0.46	ug/L	1		8260C	Total/NA

Client Sample ID: TRIP BLANK

Lab Sample ID: 480-124095-7

No Detections.

This Detection Summary does not include radiochemical test results.

TestAmerica Buffalo

Client Sample Results

Client: AECOM, Inc.
Project/Site: Griffin Diebolt

TestAmerica Job ID: 480-124095-1

Client Sample ID: MW-06S

Lab Sample ID: 480-124095-1

Date Collected: 09/13/17 11:25

Matrix: Water

Date Received: 09/13/17 16:31

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.5		1.0	0.82	ug/L			09/23/17 01:40	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			09/23/17 01:40	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			09/23/17 01:40	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			09/23/17 01:40	1
1,1-Dichloroethane	0.38	J	1.0	0.38	ug/L			09/23/17 01:40	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			09/23/17 01:40	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			09/23/17 01:40	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			09/23/17 01:40	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			09/23/17 01:40	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			09/23/17 01:40	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			09/23/17 01:40	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			09/23/17 01:40	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			09/23/17 01:40	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			09/23/17 01:40	1
2-Hexanone	ND	55	5.0	1.2	ug/L			09/23/17 01:40	1
2-Butanone (MEK)	ND	55	10	1.3	ug/L			09/23/17 01:40	1
4-Methyl-2-pentanone (MIBK)	ND	55	5.0	2.1	ug/L			09/23/17 01:40	1
Acetone	ND		10	3.0	ug/L			09/23/17 01:40	1
Benzene	ND		1.0	0.41	ug/L			09/23/17 01:40	1
Bromodichloromethane	ND		1.0	0.39	ug/L			09/23/17 01:40	1
Bromoform	ND		1.0	0.26	ug/L			09/23/17 01:40	1
Bromomethane	ND		1.0	0.69	ug/L			09/23/17 01:40	1
Carbon disulfide	ND		1.0	0.19	ug/L			09/23/17 01:40	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			09/23/17 01:40	1
Chlorobenzene	ND		1.0	0.75	ug/L			09/23/17 01:40	1
Dibromochloromethane	ND		1.0	0.32	ug/L			09/23/17 01:40	1
Chloroethane	ND		1.0	0.32	ug/L			09/23/17 01:40	1
Chloroform	ND		1.0	0.34	ug/L			09/23/17 01:40	1
Chloromethane	ND	55	1.0	0.35	ug/L			09/23/17 01:40	1
cis-1,2-Dichloroethene	6.2		1.0	0.81	ug/L			09/23/17 01:40	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			09/23/17 01:40	1
Cyclohexane	ND	55	1.0	0.18	ug/L			09/23/17 01:40	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			09/23/17 01:40	1
Ethylbenzene	ND		1.0	0.74	ug/L			09/23/17 01:40	1
Isopropylbenzene	ND		1.0	0.79	ug/L			09/23/17 01:40	1
Methyl acetate	ND		2.5	1.3	ug/L			09/23/17 01:40	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			09/23/17 01:40	1
Methylcyclohexane	ND		1.0	0.16	ug/L			09/23/17 01:40	1
Methylene Chloride	ND		1.0	0.44	ug/L			09/23/17 01:40	1
Styrene	ND		1.0	0.73	ug/L			09/23/17 01:40	1
Tetrachloroethene	ND		1.0	0.36	ug/L			09/23/17 01:40	1
Toluene	ND		1.0	0.51	ug/L			09/23/17 01:40	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			09/23/17 01:40	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			09/23/17 01:40	1
Trichloroethene	45		1.0	0.46	ug/L			09/23/17 01:40	1
Trichlorofluoromethane	ND	55	1.0	0.88	ug/L			09/23/17 01:40	1
Vinyl chloride	1.5		1.0	0.90	ug/L			09/23/17 01:40	1
Xylenes, Total	ND		2.0	0.66	ug/L			09/23/17 01:40	1

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TestAmerica Buffalo

Client Sample Results

Client: AECOM, Inc.
Project/Site: Griffin Diebolt

TestAmerica Job ID: 480-124095-1

Client Sample ID: MW-06S

Lab Sample ID: 480-124095-1

Date Collected: 09/13/17 11:25

Matrix: Water

Date Received: 09/13/17 16:31

<i>Tentatively Identified Compound</i>	<i>Est. Result</i>	<i>Qualifier</i>	<i>Unit</i>	<i>D</i>	<i>RT</i>	<i>CAS No.</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Dil Fac</i>
<i>Tentatively Identified Compound</i>	<i>None</i>		<i>ug/L</i>					<i>09/23/17 01:40</i>	<i>1</i>
<i>Surrogate</i>	<i>%Recovery</i>	<i>Qualifier</i>	<i>Limits</i>				<i>Prepared</i>	<i>Analyzed</i>	<i>Dil Fac</i>
<i>1,2-Dichloroethane-d4 (Surr)</i>	<i>100</i>		<i>77 - 120</i>					<i>09/23/17 01:40</i>	<i>1</i>
<i>Toluene-d8 (Surr)</i>	<i>97</i>		<i>80 - 120</i>					<i>09/23/17 01:40</i>	<i>1</i>
<i>4-Bromofluorobenzene (Surr)</i>	<i>97</i>		<i>73 - 120</i>					<i>09/23/17 01:40</i>	<i>1</i>

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Client Sample Results

Client: AECOM, Inc.
Project/Site: Griffin Diebolt

TestAmerica Job ID: 480-124095-1

Client Sample ID: MW-06D

Lab Sample ID: 480-124095-2

Date Collected: 09/13/17 12:06

Matrix: Water

Date Received: 09/13/17 16:31

Method: 8260C - Volatile Organic Compounds by GC/MS									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.6		1.0	0.82	ug/L			09/23/17 02:05	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			09/23/17 02:05	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			09/23/17 02:05	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			09/23/17 02:05	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			09/23/17 02:05	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			09/23/17 02:05	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			09/23/17 02:05	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			09/23/17 02:05	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			09/23/17 02:05	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			09/23/17 02:05	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			09/23/17 02:05	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			09/23/17 02:05	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			09/23/17 02:05	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			09/23/17 02:05	1
2-Hexanone	ND	کن	5.0	1.2	ug/L			09/23/17 02:05	1
2-Butanone (MEK)	ND	کن	10	1.3	ug/L			09/23/17 02:05	1
4-Methyl-2-pentanone (MIBK)	ND	کن	5.0	2.1	ug/L			09/23/17 02:05	1
Acetone	3.1	J	10	3.0	ug/L			09/23/17 02:05	1
Benzene	ND		1.0	0.41	ug/L			09/23/17 02:05	1
Bromodichloromethane	ND		1.0	0.39	ug/L			09/23/17 02:05	1
Bromoform	ND		1.0	0.26	ug/L			09/23/17 02:05	1
Bromomethane	ND		1.0	0.69	ug/L			09/23/17 02:05	1
Carbon disulfide	ND		1.0	0.19	ug/L			09/23/17 02:05	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			09/23/17 02:05	1
Chlorobenzene	ND		1.0	0.75	ug/L			09/23/17 02:05	1
Dibromochloromethane	ND		1.0	0.32	ug/L			09/23/17 02:05	1
Chloroethane	ND		1.0	0.32	ug/L			09/23/17 02:05	1
Chloroform	ND		1.0	0.34	ug/L			09/23/17 02:05	1
Chloromethane	ND	کن	1.0	0.35	ug/L			09/23/17 02:05	1
cis-1,2-Dichloroethene	4.7		1.0	0.81	ug/L			09/23/17 02:05	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			09/23/17 02:05	1
Cyclohexane	ND	کن	1.0	0.18	ug/L			09/23/17 02:05	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			09/23/17 02:05	1
Ethylbenzene	ND		1.0	0.74	ug/L			09/23/17 02:05	1
Isopropylbenzene	ND		1.0	0.79	ug/L			09/23/17 02:05	1
Methyl acetate	ND		2.5	1.3	ug/L			09/23/17 02:05	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			09/23/17 02:05	1
Methylcyclohexane	ND		1.0	0.16	ug/L			09/23/17 02:05	1
Methylene Chloride	ND		1.0	0.44	ug/L			09/23/17 02:05	1
Styrene	ND		1.0	0.73	ug/L			09/23/17 02:05	1
Tetrachloroethene	ND		1.0	0.36	ug/L			09/23/17 02:05	1
Toluene	ND		1.0	0.51	ug/L			09/23/17 02:05	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			09/23/17 02:05	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			09/23/17 02:05	1
Trichloroethene	39		1.0	0.46	ug/L			09/23/17 02:05	1
Trichlorofluoromethane	ND	کن	1.0	0.88	ug/L			09/23/17 02:05	1
Vinyl chloride	1.5		1.0	0.90	ug/L			09/23/17 02:05	1
Xylenes, Total	ND		2.0	0.66	ug/L			09/23/17 02:05	1

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TestAmerica Buffalo

Client Sample Results

Client: AECOM, Inc.
Project/Site: Griffin Diebolt

TestAmerica Job ID: 480-124095-1

Client Sample ID: MW-06D

Lab Sample ID: 480-124095-2

Date Collected: 09/13/17 12:06

Matrix: Water

Date Received: 09/13/17 16:31

<i>Tentatively Identified Compound</i>	<i>Est. Result</i>	<i>Qualifier</i>	<i>Unit</i>	<i>D</i>	<i>RT</i>	<i>CAS No.</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Dil Fac</i>
<i>Tentatively Identified Compound</i>	<i>None</i>		<i>ug/L</i>					<i>09/23/17 02:05</i>	<i>1</i>
<i>Surrogate</i>	<i>%Recovery</i>	<i>Qualifier</i>	<i>Limits</i>				<i>Prepared</i>	<i>Analyzed</i>	<i>Dil Fac</i>
<i>1,2-Dichloroethane-d4 (Surr)</i>	<i>101</i>		<i>77 - 120</i>					<i>09/23/17 02:05</i>	<i>1</i>
<i>Toluene-d8 (Surr)</i>	<i>97</i>		<i>80 - 120</i>					<i>09/23/17 02:05</i>	<i>1</i>
<i>4-Bromofluorobenzene (Surr)</i>	<i>98</i>		<i>73 - 120</i>					<i>09/23/17 02:05</i>	<i>1</i>

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TestAmerica Buffalo

Client Sample Results

Client: AECOM, Inc.
Project/Site: Griffin Diebolt

TestAmerica Job ID: 480-124095-1

Client Sample ID: MW-07S

Lab Sample ID: 480-124095-3

Date Collected: 09/13/17 13:10

Matrix: Water

Date Received: 09/13/17 16:31

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	DII Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			09/23/17 02:30	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			09/23/17 02:30	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			09/23/17 02:30	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			09/23/17 02:30	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			09/23/17 02:30	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			09/23/17 02:30	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			09/23/17 02:30	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			09/23/17 02:30	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			09/23/17 02:30	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			09/23/17 02:30	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			09/23/17 02:30	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			09/23/17 02:30	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			09/23/17 02:30	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			09/23/17 02:30	1
2-Hexanone	ND	JK	5.0	1.2	ug/L			09/23/17 02:30	1
2-Butanone (MEK)	ND	JK	10	1.3	ug/L			09/23/17 02:30	1
4-Methyl-2-pentanone (MIBK)	ND	JK	5.0	2.1	ug/L			09/23/17 02:30	1
Acetone	3.3	J	10	3.0	ug/L			09/23/17 02:30	1
Benzene	ND		1.0	0.41	ug/L			09/23/17 02:30	1
Bromodichloromethane	ND		1.0	0.39	ug/L			09/23/17 02:30	1
Bromofom	ND		1.0	0.26	ug/L			09/23/17 02:30	1
Bromomethane	ND		1.0	0.69	ug/L			09/23/17 02:30	1
Carbon disulfide	ND		1.0	0.19	ug/L			09/23/17 02:30	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			09/23/17 02:30	1
Chlorobenzene	ND		1.0	0.75	ug/L			09/23/17 02:30	1
Dibromochloromethane	ND		1.0	0.32	ug/L			09/23/17 02:30	1
Chloroethane	ND		1.0	0.32	ug/L			09/23/17 02:30	1
Chloroform	ND		1.0	0.34	ug/L			09/23/17 02:30	1
Chloromethane	ND	JK	1.0	0.35	ug/L			09/23/17 02:30	1
cis-1,2-Dichloroethene	1.7		1.0	0.81	ug/L			09/23/17 02:30	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			09/23/17 02:30	1
Cyclohexane	ND	JK	1.0	0.18	ug/L			09/23/17 02:30	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			09/23/17 02:30	1
Ethylbenzene	ND		1.0	0.74	ug/L			09/23/17 02:30	1
Isopropylbenzene	ND		1.0	0.79	ug/L			09/23/17 02:30	1
Methyl acetate	ND		2.5	1.3	ug/L			09/23/17 02:30	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			09/23/17 02:30	1
Methylcyclohexane	ND		1.0	0.16	ug/L			09/23/17 02:30	1
Methylene Chloride	ND		1.0	0.44	ug/L			09/23/17 02:30	1
Styrene	ND		1.0	0.73	ug/L			09/23/17 02:30	1
Tetrachloroethene	ND		1.0	0.36	ug/L			09/23/17 02:30	1
Toluene	ND		1.0	0.51	ug/L			09/23/17 02:30	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			09/23/17 02:30	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			09/23/17 02:30	1
Trichloroethene	41		1.0	0.46	ug/L			09/23/17 02:30	1
Trichlorofluoromethane	ND	JK	1.0	0.88	ug/L			09/23/17 02:30	1
Vinyl chloride	ND		1.0	0.90	ug/L			09/23/17 02:30	1
Xylenes, Total	ND		2.0	0.66	ug/L			09/23/17 02:30	1

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TestAmerica Buffalo

Client Sample Results

Client: AECOM, Inc.
Project/Site: Griffin Diebolt

TestAmerica Job ID: 480-124095-1

Client Sample ID: MW-07S

Lab Sample ID: 480-124095-3

Date Collected: 09/13/17 13:10

Matrix: Water

Date Received: 09/13/17 16:31

<i>Tentatively Identified Compound</i>	<i>Est. Result</i>	<i>Qualifier</i>	<i>Unit</i>	<i>D</i>	<i>RT</i>	<i>CAS No.</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Dil Fac</i>
<i>Tentatively Identified Compound</i>	<i>None</i>		<i>ug/L</i>					09/23/17 02:30	1
<i>Surrogate</i>	<i>%Recovery</i>	<i>Qualifier</i>	<i>Limits</i>				<i>Prepared</i>	<i>Analyzed</i>	<i>Dil Fac</i>
1,2-Dichloroethane-d4 (Surr)	99		77 - 120					09/23/17 02:30	1
Toluene-d8 (Surr)	96		80 - 120					09/23/17 02:30	1
4-Bromofluorobenzene (Surr)	96		73 - 120					09/23/17 02:30	1

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Client Sample Results

Client: AECOM, Inc.
Project/Site: Griffin Diebolt

TestAmerica Job ID: 480-124095-1

Client Sample ID: MW-07D

Lab Sample ID: 480-124095-4

Date Collected: 09/13/17 14:00

Matrix: Water

Date Received: 09/13/17 16:31

Method: 8260C - Volatile Organic Compounds by GC/MS									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	DII Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			09/23/17 02:56	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			09/23/17 02:56	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			09/23/17 02:56	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			09/23/17 02:56	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			09/23/17 02:56	1
1,1-Dichloroethene	0.53	J	1.0	0.29	ug/L			09/23/17 02:56	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			09/23/17 02:56	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			09/23/17 02:56	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			09/23/17 02:56	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			09/23/17 02:56	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			09/23/17 02:56	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			09/23/17 02:56	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			09/23/17 02:56	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			09/23/17 02:56	1
2-Hexanone	ND	JS	5.0	1.2	ug/L			09/23/17 02:56	1
2-Butanone (MEK)	ND	JS	10	1.3	ug/L			09/23/17 02:56	1
4-Methyl-2-pentanone (MIBK)	ND	JS	5.0	2.1	ug/L			09/23/17 02:56	1
Acetone	4.0	J	10	3.0	ug/L			09/23/17 02:56	1
Benzene	ND		1.0	0.41	ug/L			09/23/17 02:56	1
Bromodichloromethane	ND		1.0	0.39	ug/L			09/23/17 02:56	1
Bromoform	ND		1.0	0.26	ug/L			09/23/17 02:56	1
Bromomethane	ND		1.0	0.69	ug/L			09/23/17 02:56	1
Carbon disulfide	ND		1.0	0.19	ug/L			09/23/17 02:56	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			09/23/17 02:56	1
Chlorobenzene	ND		1.0	0.75	ug/L			09/23/17 02:56	1
Dibromochloromethane	ND		1.0	0.32	ug/L			09/23/17 02:56	1
Chloroethane	ND		1.0	0.32	ug/L			09/23/17 02:56	1
Chloroform	ND		1.0	0.34	ug/L			09/23/17 02:56	1
Chloromethane	ND	JS	1.0	0.35	ug/L			09/23/17 02:56	1
cis-1,2-Dichloroethene	22		1.0	0.81	ug/L			09/23/17 02:56	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			09/23/17 02:56	1
Cyclohexane	ND	JS	1.0	0.18	ug/L			09/23/17 02:56	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			09/23/17 02:56	1
Ethylbenzene	ND		1.0	0.74	ug/L			09/23/17 02:56	1
Isopropylbenzene	ND		1.0	0.79	ug/L			09/23/17 02:56	1
Methyl acetate	ND		2.5	1.3	ug/L			09/23/17 02:56	1
Methyl tert-butyl ether	0.18	J	1.0	0.16	ug/L			09/23/17 02:56	1
Methylcyclohexane	ND		1.0	0.16	ug/L			09/23/17 02:56	1
Methylene Chloride	ND		1.0	0.44	ug/L			09/23/17 02:56	1
Styrene	ND		1.0	0.73	ug/L			09/23/17 02:56	1
Tetrachloroethene	ND		1.0	0.36	ug/L			09/23/17 02:56	1
Toluene	ND		1.0	0.51	ug/L			09/23/17 02:56	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			09/23/17 02:56	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			09/23/17 02:56	1
Trichloroethene	62		1.0	0.46	ug/L			09/23/17 02:56	1
Trichlorofluoromethane	ND	JS	1.0	0.88	ug/L			09/23/17 02:56	1
Vinyl chloride	ND		1.0	0.90	ug/L			09/23/17 02:56	1
Xylenes, Total	ND		2.0	0.66	ug/L			09/23/17 02:56	1

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TestAmerica Buffalo

Client Sample Results

Client: AECOM, Inc.
Project/Site: Griffin Diebolt

TestAmerica Job ID: 480-124095-1

Client Sample ID: MW-07D

Lab Sample ID: 480-124095-4

Date Collected: 09/13/17 14:00

Matrix: Water

Date Received: 09/13/17 16:31

<i>Tentatively Identified Compound</i>	<i>Est. Result</i>	<i>Qualifier</i>	<i>Unit</i>	<i>D</i>	<i>RT</i>	<i>CAS No.</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Dil Fac</i>
Hexanal	4.4	T J N	ug/L		11.12	66-25-1		09/23/17 02:56	1
<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)	98		77 - 120					09/23/17 02:56	1
Toluene-d8 (Surr)	94		80 - 120					09/23/17 02:56	1
4-Bromofluorobenzene (Surr)	96		73 - 120					09/23/17 02:56	1

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TestAmerica Buffalo

Client Sample Results

Client: AECOM, Inc.
Project/Site: Griffin Diebolt

TestAmerica Job ID: 480-124095-1

Client Sample ID: MW-10S

Lab Sample ID: 480-124095-5

Date Collected: 09/13/17 10:32

Matrix: Water

Date Received: 09/13/17 16:31

Method: 8260C - Volatile Organic Compounds by GC/MS									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	DII Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			09/23/17 03:21	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			09/23/17 03:21	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			09/23/17 03:21	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			09/23/17 03:21	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			09/23/17 03:21	1
1,1-Dichloroethane	ND		1.0	0.29	ug/L			09/23/17 03:21	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			09/23/17 03:21	1
1,2-Dibromo-3-Chloropropane	0.71	J	1.0	0.39	ug/L			09/23/17 03:21	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			09/23/17 03:21	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			09/23/17 03:21	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			09/23/17 03:21	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			09/23/17 03:21	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			09/23/17 03:21	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			09/23/17 03:21	1
2-Hexanone	ND	ک	5.0	1.2	ug/L			09/23/17 03:21	1
2-Butanone (MEK)	ND	ک	10	1.3	ug/L			09/23/17 03:21	1
4-Methyl-2-pentanone (MIBK)	ND	ک	5.0	2.1	ug/L			09/23/17 03:21	1
Acetone	ND		10	3.0	ug/L			09/23/17 03:21	1
Benzene	ND		1.0	0.41	ug/L			09/23/17 03:21	1
Bromodichloromethane	ND		1.0	0.39	ug/L			09/23/17 03:21	1
Bromoform	ND		1.0	0.26	ug/L			09/23/17 03:21	1
Bromomethane	ND		1.0	0.69	ug/L			09/23/17 03:21	1
Carbon disulfide	ND		1.0	0.19	ug/L			09/23/17 03:21	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			09/23/17 03:21	1
Chlorobenzene	ND		1.0	0.75	ug/L			09/23/17 03:21	1
Dibromochloromethane	ND		1.0	0.32	ug/L			09/23/17 03:21	1
Chloroethane	ND		1.0	0.32	ug/L			09/23/17 03:21	1
Chloroform	ND		1.0	0.34	ug/L			09/23/17 03:21	1
Chloromethane	ND	ک	1.0	0.35	ug/L			09/23/17 03:21	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			09/23/17 03:21	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			09/23/17 03:21	1
Cyclohexane	ND	ک	1.0	0.18	ug/L			09/23/17 03:21	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			09/23/17 03:21	1
Ethylbenzene	ND		1.0	0.74	ug/L			09/23/17 03:21	1
Isopropylbenzene	ND		1.0	0.79	ug/L			09/23/17 03:21	1
Methyl acetate	ND		2.5	1.3	ug/L			09/23/17 03:21	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			09/23/17 03:21	1
Methylcyclohexane	ND		1.0	0.16	ug/L			09/23/17 03:21	1
Methylene Chloride	ND		1.0	0.44	ug/L			09/23/17 03:21	1
Styrene	ND		1.0	0.73	ug/L			09/23/17 03:21	1
Tetrachloroethene	ND		1.0	0.36	ug/L			09/23/17 03:21	1
Toluene	ND		1.0	0.51	ug/L			09/23/17 03:21	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			09/23/17 03:21	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			09/23/17 03:21	1
Trichloroethene	2.6		1.0	0.46	ug/L			09/23/17 03:21	1
Trichlorofluoromethane	ND	ک	1.0	0.88	ug/L			09/23/17 03:21	1
Vinyl chloride	ND		1.0	0.90	ug/L			09/23/17 03:21	1
Xylenes, Total	ND		2.0	0.66	ug/L			09/23/17 03:21	1

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TestAmerica Buffalo

Client Sample Results

Client: AECOM, Inc.
Project/Site: Griffin Diebolt

TestAmerica Job ID: 480-124095-1

Client Sample ID: MW-10S

Lab Sample ID: 480-124095-5

Date Collected: 09/13/17 10:32

Matrix: Water

Date Received: 09/13/17 16:31

<i>Tentatively Identified Compound</i>	<i>Est. Result</i>	<i>Qualifier</i>	<i>Unit</i>	<i>D</i>	<i>RT</i>	<i>CAS No.</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Dil Fac</i>
<i>Tentatively Identified Compound</i>	<i>None</i>		<i>ug/L</i>					<i>09/23/17 03:21</i>	<i>1</i>
<i>Surrogate</i>	<i>%Recovery</i>	<i>Qualifier</i>	<i>Limits</i>				<i>Prepared</i>	<i>Analyzed</i>	<i>Dil Fac</i>
<i>1,2-Dichloroethane-d4 (Surr)</i>	<i>100</i>		<i>77 - 120</i>					<i>09/23/17 03:21</i>	<i>1</i>
<i>Toluene-d8 (Surr)</i>	<i>96</i>		<i>80 - 120</i>					<i>09/23/17 03:21</i>	<i>1</i>
<i>4-Bromofluorobenzene (Surr)</i>	<i>97</i>		<i>73 - 120</i>					<i>09/23/17 03:21</i>	<i>1</i>

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TestAmerica Buffalo

Client Sample Results

mw-105

Client: AECOM, Inc.
Project/Site: Griffin Diebolt

TestAmerica Job ID: 480-124095-1

Client Sample ID: FD-20170913

Lab Sample ID: 480-124095-6

Date Collected: 09/13/17 00:00

Matrix: Water

Date Received: 09/13/17 16:31

Method: 8260C - Volatile Organic Compounds by GC/MS									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	DII Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			09/23/17 03:47	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			09/23/17 03:47	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			09/23/17 03:47	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			09/23/17 03:47	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			09/23/17 03:47	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			09/23/17 03:47	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			09/23/17 03:47	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			09/23/17 03:47	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			09/23/17 03:47	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			09/23/17 03:47	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			09/23/17 03:47	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			09/23/17 03:47	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			09/23/17 03:47	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			09/23/17 03:47	1
2-Hexanone	ND	دک	5.0	1.2	ug/L			09/23/17 03:47	1
2-Butanone (MEK)	ND	دک	10	1.3	ug/L			09/23/17 03:47	1
4-Methyl-2-pentanone (MIBK)	ND	دک	5.0	2.1	ug/L			09/23/17 03:47	1
Acetone	ND		10	3.0	ug/L			09/23/17 03:47	1
Benzene	ND		1.0	0.41	ug/L			09/23/17 03:47	1
Bromodichloromethane	ND		1.0	0.39	ug/L			09/23/17 03:47	1
Bromofom	ND		1.0	0.26	ug/L			09/23/17 03:47	1
Bromomethane	ND		1.0	0.69	ug/L			09/23/17 03:47	1
Carbon disulfide	ND		1.0	0.19	ug/L			09/23/17 03:47	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			09/23/17 03:47	1
Chlorobenzene	ND		1.0	0.75	ug/L			09/23/17 03:47	1
Dibromochloromethane	ND		1.0	0.32	ug/L			09/23/17 03:47	1
Chloroethane	ND		1.0	0.32	ug/L			09/23/17 03:47	1
Chloroform	ND		1.0	0.34	ug/L			09/23/17 03:47	1
Chloromethane	ND	دک	1.0	0.35	ug/L			09/23/17 03:47	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			09/23/17 03:47	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			09/23/17 03:47	1
Cyclohexane	ND	دک	1.0	0.18	ug/L			09/23/17 03:47	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			09/23/17 03:47	1
Ethylbenzene	ND		1.0	0.74	ug/L			09/23/17 03:47	1
Isopropylbenzene	ND		1.0	0.79	ug/L			09/23/17 03:47	1
Methyl acetate	ND		2.5	1.3	ug/L			09/23/17 03:47	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			09/23/17 03:47	1
Methylcyclohexane	ND		1.0	0.16	ug/L			09/23/17 03:47	1
Methylene Chloride	ND		1.0	0.44	ug/L			09/23/17 03:47	1
Styrene	ND		1.0	0.73	ug/L			09/23/17 03:47	1
Tetrachloroethene	ND		1.0	0.36	ug/L			09/23/17 03:47	1
Toluene	ND		1.0	0.51	ug/L			09/23/17 03:47	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			09/23/17 03:47	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			09/23/17 03:47	1
Trichloroethene	2.5		1.0	0.46	ug/L			09/23/17 03:47	1
Trichlorofluoromethane	ND	دک	1.0	0.88	ug/L			09/23/17 03:47	1
Vinyl chloride	ND		1.0	0.90	ug/L			09/23/17 03:47	1
Xylenes, Total	ND		2.0	0.66	ug/L			09/23/17 03:47	1

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TestAmerica Buffalo

mw-105

Client Sample Results

Client: AECOM, Inc.
Project/Site: Griffin Diebolt

TestAmerica Job ID: 480-124095-1

Client Sample ID: FD-20170913

Lab Sample ID: 480-124095-6

Date Collected: 09/13/17 00:00

Matrix: Water

Date Received: 09/13/17 16:31

<i>Tentatively Identified Compound</i>	<i>Est. Result</i>	<i>Qualifier</i>	<i>Unit</i>	<i>D</i>	<i>RT</i>	<i>CAS No.</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Dil Fac</i>
<i>Tentatively Identified Compound</i>	<i>None</i>		<i>ug/L</i>					<i>09/23/17 03:47</i>	<i>1</i>
<i>Surrogate</i>	<i>%Recovery</i>	<i>Qualifier</i>	<i>Limits</i>				<i>Prepared</i>	<i>Analyzed</i>	<i>Dil Fac</i>
<i>1,2-Dichloroethane-d4 (Surr)</i>	<i>101</i>		<i>77 - 120</i>					<i>09/23/17 03:47</i>	<i>1</i>
<i>Toluene-d8 (Surr)</i>	<i>96</i>		<i>80 - 120</i>					<i>09/23/17 03:47</i>	<i>1</i>
<i>4-Bromofluorobenzene (Surr)</i>	<i>98</i>		<i>73 - 120</i>					<i>09/23/17 03:47</i>	<i>1</i>

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TestAmerica Buffalo

Client Sample Results

Client: AECOM, Inc.
Project/Site: Griffin Diebolt

TestAmerica Job ID: 480-124095-1

Client Sample ID: TRIP BLANK

Lab Sample ID: 480-124095-7

Date Collected: 09/13/17 00:00

Matrix: Water

Date Received: 09/13/17 16:31

Method: 8260C - Volatile Organic Compounds by GC/MS									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	DII Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			09/21/17 10:59	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			09/21/17 10:59	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			09/21/17 10:59	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			09/21/17 10:59	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			09/21/17 10:59	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			09/21/17 10:59	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			09/21/17 10:59	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			09/21/17 10:59	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			09/21/17 10:59	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			09/21/17 10:59	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			09/21/17 10:59	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			09/21/17 10:59	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			09/21/17 10:59	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			09/21/17 10:59	1
2-Hexanone	ND		5.0	1.2	ug/L			09/21/17 10:59	1
2-Butanone (MEK)	ND		10	1.3	ug/L			09/21/17 10:59	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			09/21/17 10:59	1
Acetone	ND		10	3.0	ug/L			09/21/17 10:59	1
Benzene	ND		1.0	0.41	ug/L			09/21/17 10:59	1
Bromodichloromethane	ND		1.0	0.39	ug/L			09/21/17 10:59	1
Bromoform	ND		1.0	0.26	ug/L			09/21/17 10:59	1
Bromomethane	ND		1.0	0.69	ug/L			09/21/17 10:59	1
Carbon disulfide	ND		1.0	0.19	ug/L			09/21/17 10:59	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			09/21/17 10:59	1
Chlorobenzene	ND		1.0	0.75	ug/L			09/21/17 10:59	1
Dibromochloromethane	ND		1.0	0.32	ug/L			09/21/17 10:59	1
Chloroethane	ND		1.0	0.32	ug/L			09/21/17 10:59	1
Chloroform	ND		1.0	0.34	ug/L			09/21/17 10:59	1
Chloromethane	ND		1.0	0.35	ug/L			09/21/17 10:59	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			09/21/17 10:59	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			09/21/17 10:59	1
Cyclohexane	ND		1.0	0.18	ug/L			09/21/17 10:59	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			09/21/17 10:59	1
Ethylbenzene	ND		1.0	0.74	ug/L			09/21/17 10:59	1
Isopropylbenzene	ND		1.0	0.79	ug/L			09/21/17 10:59	1
Methyl acetate	ND		2.5	1.3	ug/L			09/21/17 10:59	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			09/21/17 10:59	1
Methylcyclohexane	ND		1.0	0.16	ug/L			09/21/17 10:59	1
Methylene Chloride	ND		1.0	0.44	ug/L			09/21/17 10:59	1
Styrene	ND		1.0	0.73	ug/L			09/21/17 10:59	1
Tetrachloroethene	ND		1.0	0.36	ug/L			09/21/17 10:59	1
Toluene	ND		1.0	0.51	ug/L			09/21/17 10:59	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			09/21/17 10:59	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			09/21/17 10:59	1
Trichloroethene	ND		1.0	0.46	ug/L			09/21/17 10:59	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			09/21/17 10:59	1
Vinyl chloride	ND		1.0	0.90	ug/L			09/21/17 10:59	1
Xylenes, Total	ND		2.0	0.66	ug/L			09/21/17 10:59	1

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TestAmerica Buffalo

Client Sample Results

Client: AECOM, Inc.
Project/Site: Griffin Diebolt

TestAmerica Job ID: 480-124095-1

Client Sample ID: TRIP BLANK

Lab Sample ID: 480-124095-7

Date Collected: 09/13/17 00:00

Matrix: Water

Date Received: 09/13/17 16:31

<i>Tentatively Identified Compound</i>	<i>Est. Result</i>	<i>Qualifier</i>	<i>Unit</i>	<i>D</i>	<i>RT</i>	<i>CAS No.</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Dil Fac</i>
<i>Tentatively Identified Compound</i>	<i>None</i>		<i>ug/L</i>					09/21/17 10:59	1
<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)	91		77 - 120					09/21/17 10:59	1
Toluene-d8 (Surr)	91		80 - 120					09/21/17 10:59	1
4-Bromofluorobenzene (Surr)	86		73 - 120					09/21/17 10:59	1

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TestAmerica Buffalo

Surrogate Summary

Client: AECOM, Inc.
Project/Site: Griffin Diebolt

TestAmerica Job ID: 480-124095-1

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)		
		12DCE (77-120)	TOL (80-120)	BFB (73-120)
480-124095-1	MW-06S	100	97	97
480-124095-2	MW-06D	101	97	98
480-124095-3	MW-07S	99	96	96
480-124095-4	MW-07D	98	94	96
480-124095-5	MW-10S	100	96	97
480-124095-6	FD-20170913	101	96	98
480-124095-7	TRIP BLANK	91	91	86
LCS 480-377961/4	Lab Control Sample	89	93	90
LCS 480-378347/4	Lab Control Sample	100	97	97
MB 480-377961/6	Method Blank	94	90	86
MB 480-378347/6	Method Blank	102	97	98

Surrogate Legend

12DCE = 1,2-Dichloroethane-d4 (Surr)

TOL = Toluene-d8 (Surr)

BFB = 4-Bromofluorobenzene (Surr)

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QC Sample Results

Client: AECOM, Inc.
Project/Site: Griffin Diebolt

TestAmerica Job ID: 480-124095-1

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

Lab Sample ID: MB 480-377961/6
Matrix: Water
Analysis Batch: 377961

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			09/21/17 10:13	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			09/21/17 10:13	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			09/21/17 10:13	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			09/21/17 10:13	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			09/21/17 10:13	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			09/21/17 10:13	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			09/21/17 10:13	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			09/21/17 10:13	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			09/21/17 10:13	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			09/21/17 10:13	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			09/21/17 10:13	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			09/21/17 10:13	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			09/21/17 10:13	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			09/21/17 10:13	1
2-Hexanone	ND		5.0	1.2	ug/L			09/21/17 10:13	1
2-Butanone (MEK)	ND		10	1.3	ug/L			09/21/17 10:13	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			09/21/17 10:13	1
Acetone	ND		10	3.0	ug/L			09/21/17 10:13	1
Benzene	ND		1.0	0.41	ug/L			09/21/17 10:13	1
Bromodichloromethane	ND		1.0	0.39	ug/L			09/21/17 10:13	1
Bromoform	ND		1.0	0.26	ug/L			09/21/17 10:13	1
Bromomethane	ND		1.0	0.69	ug/L			09/21/17 10:13	1
Carbon disulfide	ND		1.0	0.19	ug/L			09/21/17 10:13	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			09/21/17 10:13	1
Chlorobenzene	ND		1.0	0.75	ug/L			09/21/17 10:13	1
Dibromochloromethane	ND		1.0	0.32	ug/L			09/21/17 10:13	1
Chloroethane	ND		1.0	0.32	ug/L			09/21/17 10:13	1
Chloroform	ND		1.0	0.34	ug/L			09/21/17 10:13	1
Chloromethane	ND		1.0	0.35	ug/L			09/21/17 10:13	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			09/21/17 10:13	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			09/21/17 10:13	1
Cyclohexane	ND		1.0	0.18	ug/L			09/21/17 10:13	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			09/21/17 10:13	1
Ethylbenzene	ND		1.0	0.74	ug/L			09/21/17 10:13	1
Isopropylbenzene	ND		1.0	0.79	ug/L			09/21/17 10:13	1
Methyl acetate	ND		2.5	1.3	ug/L			09/21/17 10:13	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			09/21/17 10:13	1
Methylcyclohexane	ND		1.0	0.16	ug/L			09/21/17 10:13	1
Methylene Chloride	ND		1.0	0.44	ug/L			09/21/17 10:13	1
Styrene	ND		1.0	0.73	ug/L			09/21/17 10:13	1
Tetrachloroethene	ND		1.0	0.36	ug/L			09/21/17 10:13	1
Toluene	ND		1.0	0.51	ug/L			09/21/17 10:13	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			09/21/17 10:13	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			09/21/17 10:13	1
Trichloroethene	ND		1.0	0.46	ug/L			09/21/17 10:13	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			09/21/17 10:13	1
Vinyl chloride	ND		1.0	0.90	ug/L			09/21/17 10:13	1
Xylenes, Total	ND		2.0	0.66	ug/L			09/21/17 10:13	1

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TestAmerica Buffalo

QC Sample Results

Client: AECOM, Inc.
Project/Site: Griffin Diebolt

TestAmerica Job ID: 480-124095-1

Tentatively Identified Compound	MB	MB	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
	Est. Result	Qualifier							
Tentatively Identified Compound	None		ug/L					09/21/17 10:13	1
Surrogate	MB	MB	Limits				Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier							
1,2-Dichloroethane-d4 (Surr)	94		77 - 120					09/21/17 10:13	1
Toluene-d8 (Surr)	90		80 - 120					09/21/17 10:13	1
4-Bromofluorobenzene (Surr)	86		73 - 120					09/21/17 10:13	1

Lab Sample ID: LCS 480-377961/4
Matrix: Water
Analysis Batch: 377961

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1-Trichloroethane	25.0	23.5		ug/L		94	73 - 126
1,1,2,2-Tetrachloroethane	25.0	24.0		ug/L		96	76 - 120
1,1,2-Trichloroethane	25.0	24.2		ug/L		97	76 - 122
1,1,2-Trichloro-1,2,2-trifluoroethane	25.0	24.0		ug/L		96	61 - 148
1,1-Dichloroethane	25.0	24.1		ug/L		96	77 - 120
1,1-Dichloroethene	25.0	23.5		ug/L		94	66 - 127
1,2,4-Trichlorobenzene	25.0	24.0		ug/L		96	79 - 122
1,2-Dibromo-3-Chloropropane	25.0	23.8		ug/L		95	56 - 134
1,2-Dibromoethane	25.0	23.2		ug/L		93	77 - 120
1,2-Dichlorobenzene	25.0	24.3		ug/L		97	80 - 124
1,2-Dichloroethane	25.0	22.6		ug/L		90	75 - 120
1,2-Dichloropropane	25.0	24.1		ug/L		97	76 - 120
1,3-Dichlorobenzene	25.0	24.5		ug/L		98	77 - 120
1,4-Dichlorobenzene	25.0	24.3		ug/L		97	80 - 120
2-Hexanone	125	129		ug/L		103	65 - 127
2-Butanone (MEK)	125	126		ug/L		100	57 - 140
4-Methyl-2-pentanone (MIBK)	125	124		ug/L		99	71 - 125
Acetone	125	122		ug/L		98	56 - 142
Benzene	25.0	24.3		ug/L		97	71 - 124
Bromodichloromethane	25.0	23.3		ug/L		93	80 - 122
Bromoform	25.0	24.5		ug/L		98	61 - 132
Bromomethane	25.0	22.8		ug/L		91	55 - 144
Carbon disulfide	25.0	22.2		ug/L		89	59 - 134
Carbon tetrachloride	25.0	24.9		ug/L		100	72 - 134
Chlorobenzene	25.0	24.3		ug/L		97	80 - 120
Dibromochloromethane	25.0	25.5		ug/L		102	75 - 125
Chloroethane	25.0	26.6		ug/L		106	69 - 136
Chloroform	25.0	23.1		ug/L		92	73 - 127
Chloromethane	25.0	26.9		ug/L		107	68 - 124
cis-1,2-Dichloroethene	25.0	23.4		ug/L		93	74 - 124
cis-1,3-Dichloropropene	25.0	23.8		ug/L		95	74 - 124
Cyclohexane	25.0	26.8		ug/L		107	59 - 135
Dichlorodifluoromethane	25.0	27.5		ug/L		110	59 - 135
Ethylbenzene	25.0	24.9		ug/L		100	77 - 123
Isopropylbenzene	25.0	24.2		ug/L		97	77 - 122
Methyl acetate	125	118		ug/L		94	74 - 133
Methyl tert-butyl ether	25.0	22.7		ug/L		91	77 - 120
Methylcyclohexane	25.0	25.9		ug/L		104	68 - 134
Methylene Chloride	25.0	22.6		ug/L		90	75 - 124
Styrene	25.0	24.1		ug/L		96	80 - 120

TestAmerica Buffalo

QC Sample Results

Client: AECOM, Inc.
Project/Site: Griffin Diebolt

TestAmerica Job ID: 480-124095-1

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

Lab Sample ID: LCS 480-377961/4

Matrix: Water

Analysis Batch: 377961

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Tetrachloroethene	25.0	25.7		ug/L		103	74 - 122
Toluene	25.0	24.7		ug/L		99	80 - 122
trans-1,2-Dichloroethene	25.0	24.1		ug/L		97	73 - 127
trans-1,3-Dichloropropene	25.0	25.3		ug/L		101	80 - 120
Trichloroethene	25.0	23.5		ug/L		94	74 - 123
Trichlorofluoromethane	25.0	26.0		ug/L		104	62 - 150
Vinyl chloride	25.0	27.5		ug/L		110	65 - 133

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	89		77 - 120
Toluene-d8 (Surr)	93		80 - 120
4-Bromofluorobenzene (Surr)	90		73 - 120

Lab Sample ID: MB 480-378347/6

Matrix: Water

Analysis Batch: 378347

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	DII Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			09/22/17 22:24	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			09/22/17 22:24	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			09/22/17 22:24	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			09/22/17 22:24	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			09/22/17 22:24	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			09/22/17 22:24	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			09/22/17 22:24	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			09/22/17 22:24	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			09/22/17 22:24	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			09/22/17 22:24	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			09/22/17 22:24	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			09/22/17 22:24	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			09/22/17 22:24	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			09/22/17 22:24	1
2-Hexanone	ND		5.0	1.2	ug/L			09/22/17 22:24	1
2-Butanone (MEK)	ND		10	1.3	ug/L			09/22/17 22:24	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			09/22/17 22:24	1
Acetone	ND		10	3.0	ug/L			09/22/17 22:24	1
Benzene	ND		1.0	0.41	ug/L			09/22/17 22:24	1
Bromodichloromethane	ND		1.0	0.39	ug/L			09/22/17 22:24	1
Bromoform	ND		1.0	0.26	ug/L			09/22/17 22:24	1
Bromomethane	ND		1.0	0.69	ug/L			09/22/17 22:24	1
Carbon disulfide	0.221 J		1.0	0.19	ug/L			09/22/17 22:24	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			09/22/17 22:24	1
Chlorobenzene	ND		1.0	0.75	ug/L			09/22/17 22:24	1
Dibromochloromethane	ND		1.0	0.32	ug/L			09/22/17 22:24	1
Chloroethane	ND		1.0	0.32	ug/L			09/22/17 22:24	1
Chloroform	ND		1.0	0.34	ug/L			09/22/17 22:24	1
Chloromethane	ND		1.0	0.35	ug/L			09/22/17 22:24	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			09/22/17 22:24	1

TestAmerica Buffalo

QC Sample Results

Client: AECOM, Inc.
Project/Site: Griffin Diebolt

TestAmerica Job ID: 480-124095-1

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

Lab Sample ID: MB 480-378347/6

Matrix: Water

Analysis Batch: 378347

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			09/22/17 22:24	1
Cyclohexane	ND		1.0	0.18	ug/L			09/22/17 22:24	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			09/22/17 22:24	1
Ethylbenzene	ND		1.0	0.74	ug/L			09/22/17 22:24	1
Isopropylbenzene	ND		1.0	0.79	ug/L			09/22/17 22:24	1
Methyl acetate	ND		2.5	1.3	ug/L			09/22/17 22:24	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			09/22/17 22:24	1
Methylcyclohexane	ND		1.0	0.16	ug/L			09/22/17 22:24	1
Methylene Chloride	ND		1.0	0.44	ug/L			09/22/17 22:24	1
Styrene	ND		1.0	0.73	ug/L			09/22/17 22:24	1
Tetrachloroethene	ND		1.0	0.36	ug/L			09/22/17 22:24	1
Toluene	ND		1.0	0.51	ug/L			09/22/17 22:24	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			09/22/17 22:24	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			09/22/17 22:24	1
Trichloroethene	ND		1.0	0.46	ug/L			09/22/17 22:24	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			09/22/17 22:24	1
Vinyl chloride	ND		1.0	0.90	ug/L			09/22/17 22:24	1
Xylenes, Total	ND		2.0	0.66	ug/L			09/22/17 22:24	1

Tentatively Identified Compound	MB Est. Result	MB Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Tentatively Identified Compound	None		ug/L					09/22/17 22:24	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	102		77 - 120		09/22/17 22:24	1
Toluene-d8 (Surr)	97		80 - 120		09/22/17 22:24	1
4-Bromofluorobenzene (Surr)	98		73 - 120		09/22/17 22:24	1

Lab Sample ID: LCS 480-378347/4

Matrix: Water

Analysis Batch: 378347

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1-Trichloroethane	25.0	25.5		ug/L		102	73 - 126
1,1,2,2-Tetrachloroethane	25.0	26.8		ug/L		107	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	23.3		ug/L		93	61 - 148
1,1-Dichloroethane	25.0	27.7		ug/L		111	77 - 120
1,1-Dichloroethene	25.0	22.5		ug/L		90	66 - 127
1,2,4-Trichlorobenzene	25.0	21.9		ug/L		88	79 - 122
1,2-Dibromo-3-Chloropropane	25.0	25.2		ug/L		101	56 - 134
1,2-Dibromoethane	25.0	26.4		ug/L		105	77 - 120
1,2-Dichlorobenzene	25.0	23.7		ug/L		95	80 - 124
1,2-Dichloroethane	25.0	27.2		ug/L		109	75 - 120
1,2-Dichloropropane	25.0	27.7		ug/L		111	76 - 120
1,3-Dichlorobenzene	25.0	23.5		ug/L		94	77 - 120
1,4-Dichlorobenzene	25.0	23.5		ug/L		94	80 - 120
2-Hexanone	125	150		ug/L		120	65 - 127

TestAmerica Buffalo

QC Sample Results

Client: AECOM, Inc.
Project/Site: Griffin Diebolt

TestAmerica Job ID: 480-124095-1

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

Lab Sample ID: LCS 480-378347/4

Matrix: Water

Analysis Batch: 378347

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
2-Butanone (MEK)	125	153		ug/L		122	57 - 140
4-Methyl-2-pentanone (MIBK)	125	149		ug/L		119	71 - 125
Acetone	125	143		ug/L		114	56 - 142
Benzene	25.0	26.9		ug/L		107	71 - 124
Bromodichloromethane	25.0	28.8		ug/L		115	80 - 122
Bromoform	25.0	26.0		ug/L		104	61 - 132
Bromomethane	25.0	21.3		ug/L		85	55 - 144
Carbon disulfide	25.0	26.0		ug/L		104	59 - 134
Carbon tetrachloride	25.0	25.2		ug/L		101	72 - 134
Chlorobenzene	25.0	25.1		ug/L		100	80 - 120
Dibromochloromethane	25.0	26.1		ug/L		104	75 - 125
Chloroethane	25.0	28.6		ug/L		114	69 - 136
Chloroform	25.0	25.9		ug/L		104	73 - 127
Chloromethane	25.0	27.7		ug/L		111	68 - 124
cis-1,2-Dichloroethene	25.0	25.0		ug/L		100	74 - 124
cis-1,3-Dichloropropene	25.0	26.5		ug/L		106	74 - 124
Cyclohexane	25.0	25.7		ug/L		103	59 - 135
Dichlorodifluoromethane	25.0	25.8		ug/L		103	59 - 135
Ethylbenzene	25.0	24.4		ug/L		98	77 - 123
Isopropylbenzene	25.0	23.7		ug/L		95	77 - 122
Methyl acetate	50.0	61.7		ug/L		123	74 - 133
Methyl tert-butyl ether	25.0	27.0		ug/L		108	77 - 120
Methycyclohexane	25.0	24.1		ug/L		96	68 - 134
Methylene Chloride	25.0	24.4		ug/L		98	75 - 124
Styrene	25.0	25.7		ug/L		103	80 - 120
Tetrachloroethene	25.0	24.2		ug/L		97	74 - 122
Toluene	25.0	25.5		ug/L		102	80 - 122
trans-1,2-Dichloroethene	25.0	24.3		ug/L		97	73 - 127
trans-1,3-Dichloropropene	25.0	26.5		ug/L		106	80 - 120
Trichloroethene	25.0	26.5		ug/L		106	74 - 123
Trichlorofluoromethane	25.0	26.6		ug/L		107	62 - 150
Vinyl chloride	25.0	20.8		ug/L		83	65 - 133

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

TestAmerica Buffalo

QC Association Summary

Client: AECOM, Inc.
Project/Site: Griffin Diebolt

TestAmerica Job ID: 480-124095-1

GC/MS VOA

Analysis Batch: 377961

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-124095-7	TRIP BLANK	Total/NA	Water	8260C	
MB 480-377961/6	Method Blank	Total/NA	Water	8260C	
LCS 480-377961/4	Lab Control Sample	Total/NA	Water	8260C	

Analysis Batch: 378347

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-124095-1	MW-06S	Total/NA	Water	8260C	
480-124095-2	MW-06D	Total/NA	Water	8260C	
480-124095-3	MW-07S	Total/NA	Water	8260C	
480-124095-4	MW-07D	Total/NA	Water	8260C	
480-124095-5	MW-10S	Total/NA	Water	8260C	
480-124095-6	FD-20170913	Total/NA	Water	8260C	
MB 480-378347/6	Method Blank	Total/NA	Water	8260C	
LCS 480-378347/4	Lab Control Sample	Total/NA	Water	8260C	

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TestAmerica Buffalo

Lab Chronicle

Client: AECOM, Inc.
Project/Site: Griffin Diebolt

TestAmerica Job ID: 480-124095-1

Client Sample ID: MW-06S

Lab Sample ID: 480-124095-1

Date Collected: 09/13/17 11:25

Matrix: Water

Date Received: 09/13/17 16:31

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	378347	09/23/17 01:40	RRS	TAL BUF

Client Sample ID: MW-06D

Lab Sample ID: 480-124095-2

Date Collected: 09/13/17 12:06

Matrix: Water

Date Received: 09/13/17 16:31

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	378347	09/23/17 02:05	RRS	TAL BUF

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Client Sample ID: MW-07S

Lab Sample ID: 480-124095-3

Date Collected: 09/13/17 13:10

Matrix: Water

Date Received: 09/13/17 16:31

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	378347	09/23/17 02:30	RRS	TAL BUF

Client Sample ID: MW-07D

Lab Sample ID: 480-124095-4

Date Collected: 09/13/17 14:00

Matrix: Water

Date Received: 09/13/17 16:31

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	378347	09/23/17 02:56	RRS	TAL BUF

Client Sample ID: MW-10S

Lab Sample ID: 480-124095-5

Date Collected: 09/13/17 10:32

Matrix: Water

Date Received: 09/13/17 16:31

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	378347	09/23/17 03:21	RRS	TAL BUF

Client Sample ID: FD-20170913

Lab Sample ID: 480-124095-6

Date Collected: 09/13/17 00:00

Matrix: Water

Date Received: 09/13/17 16:31

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	378347	09/23/17 03:47	RRS	TAL BUF

TestAmerica Buffalo

Lab Chronicle

Client: AECOM, Inc.
Project/Site: Griffin Diebolt

TestAmerica Job ID: 480-124095-1

Client Sample ID: TRIP BLANK

Lab Sample ID: 480-124095-7

Date Collected: 09/13/17 00:00

Matrix: Water

Date Received: 09/13/17 16:31

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	377961	09/21/17 10:59	ARS	TAL BUF

Laboratory References:

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

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Accreditation/Certification Summary

Client: AECOM, Inc.
Project/Site: Griffin Diebolt

TestAmerica Job ID: 480-124095-1

Laboratory: TestAmerica Buffalo

The accreditations/certifications listed below are applicable to this report

Authority	Program	EPA Region	Identification Number	Expiration Date
New York	NELAP	2	10026	03-31-18



Method Summary

Client: AECOM, Inc.
Project/Site: Griffin Diebolt

TestAmerica Job ID: 480-124095-1

Method	Method Description	Protocol	Laboratory
8260C	Volatile Organic Compounds by GC/MS	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 = TestAmerica Buffalo, 10 Hazelwood Drive, Amherst, NY 14228-2298, TEL (716)691-2600

Sample Summary

Client: AECOM, Inc.
Project/Site: Griffin Diebolt

TestAmerica Job ID: 480-124095-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
480-124095-1	MW-06S	Water	09/13/17 11:25	09/13/17 16:31
480-124095-2	MW-06D	Water	09/13/17 12:06	09/13/17 16:31
480-124095-3	MW-07S	Water	09/13/17 13:10	09/13/17 16:31
480-124095-4	MW-07D	Water	09/13/17 14:00	09/13/17 16:31
480-124095-5	MW-10S	Water	09/13/17 10:32	09/13/17 16:31
480-124095-6	FD-20170913	Water	09/13/17 00:00	09/13/17 16:31
480-124095-7	TRIP BLANK	Water	09/13/17 00:00	09/13/17 16:31

Client Information				Lab PM				Carrier Tracking No(s)				COC No																							
Sampler: Kevin J. McGovern Client Contact: George Kissik Phone: 716 223-1101 Company: AECOM, Inc.				Deyo, Melissa L. E-Mail: melissa.deyo@lestamericainc.com				480-102015-24242.1 Page: Page 1 of 1 Job #																											
Address: 257 West Genesee Street Suite 400 City: Buffalo State: NY Zip: 14202-2657 Phone: 716 223-1321								Due Date Requested: TAT Requested (days): PO #: 60552483, Task 1 WO #: george.kissik@aecom.com Project #: 48007525 SSOW#								Preservation Codes: A - HCL M - Hexane B - NaOH ne C NaO2 D O4S E SO3 F S2O3 G J4 H Jodacahydrate I ne J- 480-124095 COC K- +5 L- other (specify) Other:																			
Sample Identification MW-065 MW-067 MW-075 MW-070 MW-105 FD-20170313 Trip Blank				Sample Date 7/13/17 				Sample Time 11:25 12:05 13:10 14:00 10:32 — — 				Sample Type (C=Comp, G=Grab) G — — — — — — 				Matrix (W=Water, S=Soil, O=Organic, A=Asphalt, I=Inorganic, A=Air) Water Water Water Water Water Water Water 				Field Filtered Sample (Yes or No) — — — — — — — 				Perform MS/MSD (Yes or No) — — — — — — — 				Total Number of Containers — — — — — — — 				Special Instructions/Notes: 			
Possible Hazard Identification <input type="checkbox"/> Non-Hazard <input type="checkbox"/> Flammable <input type="checkbox"/> Skin Irritant <input type="checkbox"/> Polson 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																			
Empty Kit Relinquished by:																Special Instructions/QC Requirements:																			
Relinquished by: [Signature] Date: 9/13/17 Time: 16:31 Company: AECOM																Relinquished by: [Signature] Date: 9/13/17 Time: 16:31 Company: AECOM																			
Relinquished by: [Signature] Date: 9/13/17 Time: 16:31 Company: AECOM																Relinquished by: [Signature] Date: 9/13/17 Time: 16:31 Company: AECOM																			
Custody Seal No.: 40																Cooler Temperature(s) °C and Other Remarks: 40																			

Login Sample Receipt Checklist

Client: AECOM, Inc.

Job Number: 480-124095-1

Login Number: 124095

List Source: TestAmerica Buffalo

List Number: 1

Creator: Conway, Curtis R

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	AECOM
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	

ATTACHMENT C

2019 Biennial Groundwater Sampling Letter Report



September 12, 2019

Mr. Todd M. Caffoe, P.E.
New York State Department of Environmental Conservation
Division of Environmental Remediation, Region 8
6274 East Avon-Lima Road
Avon, New York 14414-9519

**RE: 2019 Biennial Groundwater Sampling Letter Report
Former Griffin Technology Facility (Site No. 835008)
Farmington, New York**

Dear Mr. Caffoe:

On behalf of Diebold, Inc. (Diebold), URS Corporation (URS) has prepared this Biennial Groundwater Sampling Letter Report to summarize field activities as part of the groundwater sampling effort performed in June 2019, in the vicinity of the former Griffin Technology Facility (Site) located in Farmington, New York (Figure 1).

In the 2014 *Supplemental Groundwater Sampling Letter Report* (URS, 2015), URS recommended the decommissioning off-site monitoring wells MW-09S, MW-09D, MW-10S, MW-10D, and MW-11D based on analyses of the data from the 2013 and 2014 sampling events. Subsequent communications between the New York State Department of Environmental Conservation (NYSDEC) and Diebold/URS resulted in the agreement to repair MW-10S; decommission MW-09S, MW-09D, MW-10D and MW-11D; and collect supplemental groundwater samples from MW-06S and MW-07S for volatile organic compound (VOC) analyses. These activities were performed in June 2016; and discussions of their execution and data evaluation were presented in the 2016 Periodic Review Report (PRR) (URS, 2017a). The following changes to the *Operations and Monitoring Plan for Annual Offsite Groundwater Monitoring* (O&M Plan) were recommended in the 2016 PRR:

- Conduct groundwater sampling of the remaining off-site wells (i.e., MW-06S, MW-06D, MW07S, MW07D and MW-10S) on a biennial basis, beginning in summer 2017.
- Generate biennial PRRs using the data from the aforementioned groundwater sampling.

The summer 2017 sampling event occurred on September 13, 2017 and discussions of its execution and data evaluation are presented in the 2017 Biennial Groundwater Sampling Letter Report (URS, 2017b). In the report, URS concluded that the trichloroethene (TCE) concentration trends show an overall decrease since 1994. URS recommended an additional round of sampling in summer 2019 to confirm this trend.

The field work, which represents the second biennial monitoring event, was performed on June 27, 2019, and included collecting water levels and groundwater samples from the five remaining off-site monitoring wells.

The data generated from the June 2019 field work are discussed below.

URS Corporation
257 West Genesee St., Suite 400
Buffalo, NY 14202
Tel: 716.856.5636
Fax: 716.856.2545

Groundwater Levels and Flow Direction

The water level measurements obtained from the June 27, 2019 monitoring event are provided in Table 1. Figure 2 shows the corresponding shallow groundwater potentiometric surface based on the measurements from the three shallow wells. The data show that groundwater flow in the overburden is to the south-southwest towards Beaver Creek. This is consistent with the groundwater flow direction observed during prior sampling events.

In June 2019, horizontal gradients in the overburden were approximately 0.027 foot/foot. The vertical gradient is downward in monitoring well pair MW-07S/D and there was a slight upward vertical gradient in MW-06S/D.

Sampling, Analysis and Data Usability

On June 27, 2019, URS collected groundwater samples from the monitoring wells (MW-06S, MW-06D, MW-07S, MW-07D and MW-10S) plus a QA/QC duplicate sample. Prior to sample collection, water was purged from each well with a peristaltic pump for shallow wells and a bladder pump for deep wells. Dedicated/disposable high-density polyethylene tubing was used at each well. During the well purging, water quality parameters (pH, temperature, specific conductivity, dissolved oxygen, turbidity and oxidation reduction potential) were measured utilizing a flow-through cell. The wells were purged at a rate of 1-liter per minute or less and the purge rate was adjusted to prevent the water level in the well from dropping more than 0.3 feet from the static water level. Each well was purged until the water quality parameters stabilized for a minimum of three readings. Low Flow Purge Logs can be found in Attachment 1.

Groundwater samples were transported under chain-of-custody control to Eurofins TestAmerica Laboratories, Inc., located in Amherst, New York, for the analysis of VOCs by USEPA Method 8260C. URS validated the analytical results and prepared a Data Usability Summary Report (DUSR). No data qualifications were made and all data are usable as reported. The complete validated analytical results are presented in the DUSR in Attachment 2.

Analytical Summary/ Contamination Assessment

The validated groundwater analytical results are summarized in Table 2 and shown in Figure 2. VOCs are compared to NYSDEC Division of Water Technical and Operational Guidance Series (TOGS) No. 1.1.1 Class GA groundwater criteria. Exceedances of the groundwater criteria are indicated with an oval. The following is a summary of the analytical results:

- TCE was detected at concentrations exceeding its Class GA groundwater standard (5 micrograms per liter [$\mu\text{g/L}$]) in the samples collected from MW-06S (37 $\mu\text{g/L}$), MW-06D (20 $\mu\text{g/L}$), MW-07S (30 $\mu\text{g/L}$) and MW-07D (38 $\mu\text{g/L}$).
- Cis-1,2-dichloroethene (DCE) was detected at concentrations exceeding its Class GA groundwater standard (5 $\mu\text{g/L}$) in the samples collected from MW-06S (9.1 $\mu\text{g/L}$), MW-06D (12 $\mu\text{g/L}$) and MW-07D (22 $\mu\text{g/L}$).
- Vinyl Chloride (VC) was detected at concentrations exceeding its Class GA groundwater standard (2 $\mu\text{g/L}$) in the samples collected from MW-06S (3.3 $\mu\text{g/L}$) and MW-06D (7.3 $\mu\text{g/L}$).

- No other compounds were detected at concentrations exceeding their Class GA groundwater criteria.

TCE is the primary contaminant in the off-site monitoring wells. Figure 3 displays a graphic trend analysis of TCE concentrations in these wells during the period of 1994 to 2019. The trends show an overall decrease in TCE concentrations since 1994, with the following clarifications:

- The TCE concentration in MW-06S is lower than previous results in 2017.
- The TCE concentration in MW-10S is below its standard for the second time in a row since 2009.
- All other results are lower than the previous event.

A Mann-Kendall trend analysis was performed on the historical VOC concentrations for the period of 1994 to 2019. The trend analysis is presented in Table 3 and shows the following:

- In MW-06S and MW-06D, there are upward trends for cis-1,2-DCE.
- In MW-07D, there is a downward trend of 1,1,1-trichloroethane and an upward trend of cis-1,2-DCE.
- In MW-07S, there is a downward trend of cis-1,2-DCE.
- In MW-10S, no other trends were present.

Conclusions

The south-southwest direction of groundwater flow at the Site has remained constant since 2009.

The only VOCs detected at concentrations exceeding their standards were TCE, cis-1,2-DCE and VC. The TCE concentration in MW-10S has been below its Class GA groundwater criteria for two consecutive sampling events. The Mann-Kendall analysis shows upward trends in concentrations of cis-1,2-DCE which is likely due to TCE reductive dichlorination.

The TCE concentration trends show an overall decrease since 1994.

Recommendations

At this time, URS recommends suspending groundwater sampling at monitoring well MW-10S but continue to collect depth to water data at this location during monitoring events, and that the PRR will be prepared in accordance with NYSDEC's Division of Environmental Remediation (DER-10) *Technical Guidance for Site Investigation and Remediation* (NYSDEC, 2010), which will summarize sampling data collected to date. No other changes to the current monitoring requirements are recommended.

References

- NYSDEC, 2010. *DER-10 / Technical Guidance for Site Investigation and Remediation*. May 3.
- URS, 2011. *Operations and Monitoring Plan for Annual Offsite Groundwater Monitoring*. June
- URS, 2015. *Supplemental Groundwater Sampling Letter Report, Former Griffin Technology Facility, Farmington, New York*. January
- URS, 2017a. *Periodic Review Report 2016, Former Griffin Technology Facility, Farmington, New York*. March
- URS, 2017b. *2017 Biennial Groundwater Sampling Letter Report, Former Griffin Technology Facility (Site No. 835008), Farmington, New York*. November

The following tables, figures and attachments are included as part of this field investigation letter report:

Tables

- | | |
|---------|---|
| Table 1 | Groundwater Elevations – June 27, 2019 |
| Table 2 | Groundwater Analytical Results (Detected Compounds Only) |
| Table 3 | Groundwater Analytical Result Trends (Detected VOCs Only) |

Figures

- | | |
|----------|---|
| Figure 1 | Site Location |
| Figure 2 | 2019 Groundwater Sample Results Exceeding Criteria and Shallow Groundwater Potentiometric Surface |
| Figure 3 | Trichloroethene Trends (Existing Wells) |

Attachments

- | | |
|--------------|--|
| Attachment 1 | Purge Logs |
| Attachment 2 | Data Usability Summary Report and Complete Analytical Report |

Should you have any questions or comments, please do not hesitate to contact me at 716-856-5636.

Sincerely,

URS Corporation



Michael Gutmann, PG
Sr. Project Manager

cc: File: 13816402 (R-1)
Mr. Keely J. O'Bryan, McMahon DeGulis LLP
Kevin J. McGovern, PG, CHMM (URS)

TABLES

TABLE 1
GROUNDWATER ELEVATIONS
JUNE 27, 2019
FORMER GRIFFIN TECHNOLOGY FACILITY - OFF-SITE AREA
FARMINGTON, NEW YORK

Well ID	Top of Casing Elevation (ft. amsl)	Depth to Groundwater (ft. from Top of Casing)	Groundwater Elevation (ft. amsl)
MW-06S	636.61	3.81	632.80
MW-06D	636.83	4.00	632.83
MW-07S	634.29	3.50	630.79
MW-07D	634.16	30.10	604.06
MW-10S	629.00	13.91	615.09

ft. = feet

amsl = above mean sea level

TABLE 2
GROUNDWATER ANALYTICAL RESULTS (DETECTED COMPOUNDS ONLY)
JUNE 2019 SAMPLING EVENT
FORMER GRIFFIN TECHNOLOGY FACILITY SITE

Location ID			MW-06D	MW-06S	MW-07D	MW-07S	MW-10S
Sample ID			MW-06D	MW-06S	MW-07D	MW-07S	FD-20190627
Matrix			Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Depth Interval (ft)			-	-	-	-	-
Date Sampled			06/27/19	06/27/19	06/27/19	06/27/19	06/27/19
Parameter	Units	Criteria*					Field Duplicate (1-1)
Volatile Organic Compounds							
1,1,1-Trichloroethane	UG/L	5		0.99 J			
1,1-Dichloroethane	UG/L	5	0.90 J	0.68 J			
1,2-Dichloroethene (cis)	UG/L	5	12	9.1	22	2.1	
Acetone	UG/L	50				3.6 J	
Carbon disulfide	UG/L	60				0.21 J	
Trichloroethene	UG/L	5	20	37	38	30	4.1
Vinyl chloride	UG/L	2	7.3	3.3	0.90 J		

*Criteria- NYSDEC TOGS (1.1.1), Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations. June 1998 (includes 4/2000 and 6/2004 Addenda) Class GA.

Flags assigned during chemistry validation are shown.



Concentration Exceeds Criteria

J - The reported concentration is an estimated value. Blank Cell - Not Detected.

Only Detected Results Reported.

TABLE 2
GROUNDWATER ANALYTICAL RESULTS (DETECTED COMPOUNDS ONLY)
JUNE 2019 SAMPLING EVENT
FORMER GRIFFIN TECHNOLOGY FACILITY SITE

Location ID			MW-10S
Sample ID			MW-10S
Matrix			Groundwater
Depth Interval (ft)			-
Date Sampled			06/27/19
Parameter	Units	Criteria*	
Volatile Organic Compounds			
1,1,1-Trichloroethane	UG/L	5	
1,1-Dichloroethane	UG/L	5	
1,2-Dichloroethene (cis)	UG/L	5	
Acetone	UG/L	50	
Carbon disulfide	UG/L	60	
Trichloroethene	UG/L	5	3.5
Vinyl chloride	UG/L	2	

*Criteria- NYSDEC TOGS (1.1.1), Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations. June 1998 (includes 4/2000 and 6/2004 Addenda) Class GA.

Flags assigned during chemistry validation are shown.



Concentration Exceeds Criteria

J - The reported concentration is an estimated value. Blank Cell - Not Detected.

Only Detected Results Reported.

TABLE 3
GROUNDWATER SAMPLING ANALYTICAL RESULT TRENDS (DETECTED VOCS ONLY)
FORMER GRIFFIN TECHNOLOGY FACILITY SITE

LOCID: MW-06D

Parameter	Matrix	Class	Num of Data Points	Num of Data Point Detections	Mann-Kendall Statistic S	Probabilities (1)	Trend (2)
1,1,1-Trichloroethane	WG	VOA	19	16	-102	No Value	
1,1-Dichloroethane	WG	VOA	4	1	3	0.375	No Trend
1,2-Dichloroethene (cis)	WG	VOA	19	9	45	0.062	Upward Trend
Acetone	WG	VOA	19	2	18	0.29	No Trend
Trichloroethene	WG	VOA	19	18	-106	No Value	
Vinyl chloride	WG	VOA	19	2	35	0.119	No Trend

LOCID: MW-06S

Parameter	Matrix	Class	Num of Data Points	Num of Data Point Detections	Mann-Kendall Statistic S	Probabilities (1)	Trend (2)
1,1,1-Trichloroethane	WG	VOA	20	13	-36	0.13	No Trend
1,1-Dichloroethane	WG	VOA	5	1	4	0.242	No Trend
1,2-Dichloroethene (cis)	WG	VOA	20	8	45	0.082	Upward Trend
Trichloroethene	WG	VOA	20	16	-15	0.339	No Trend
Vinyl chloride	WG	VOA	20	2	37	0.13	No Trend

LOCID: MW-07D

Parameter	Matrix	Class	Num of Data Points	Num of Data Point Detections	Mann-Kendall Statistic S	Probabilities (1)	Trend (2)
1,1,1-Trichloroethane	WG	VOA	19	6	-65	0.012	Downward Trend
1,1-Dichloroethene	WG	VOA	4	1	1	0.625	No Trend
1,2-Dichloroethene (cis)	WG	VOA	19	19	81	0.002	Upward Trend
Acetone	WG	VOA	19	1	16	0.314	No Trend
Trichloroethene	WG	VOA	19	19	-120	No Value	
Vinyl chloride	WG	VOA	19	7	29	0.166	No Trend

LOCID: MW-07S

Parameter	Matrix	Class	Num of Data Points	Num of Data Point Detections	Mann-Kendall Statistic S	Probabilities (1)	Trend (2)
1,1,1-Trichloroethane	WG	VOA	20	15	-105	No Value	
1,2-Dichloroethene (cis)	WG	VOA	20	17	-62	0.023	Downward Trend

For multiple observations per time period, the Mann-Kendall test to the median was used.

Data reported as less than the detection limit were used by assigning a common value to the data that was smaller than the smallest measurement in the data set.

(1) - Probabilities for Mann-Kendall Nonparametric Test for Trend (Gilbert R.O. 1987, Table A18).

(2) - Assuming a probability of error of 10% in the analysis method and or data, then the probability of no trend as calculated by the Mann-Kendall statistic is less than 10%, then it is assumed that there is a trend.

* - Number of observations too small to calculate probabilities.

** - Probability Undefined for S=0 and N=6, 7, 10, 11, 14, 15, 18, 19, 22, 23, 26, 27, 30, 31, 34, or 35.

Only Detected Results Reported.

TABLE 3
GROUNDWATER SAMPLING ANALYTICAL RESULT TRENDS (DETECTED VOCs ONLY)
FORMER GRIFFIN TECHNOLOGY FACILITY SITE

LOCID: MW-07S

Parameter	Matrix	Class	Num of Data Points	Num of Data Point Detections	Mann-Kendall Statistic S	Probabilities (1)	Trend (2)
Acetone	WG	VOA	20	2	37	0.13	No Trend
Trichloroethene	WG	VOA	20	19	-126	No Value	

LOCID: MW-10S

Parameter	Matrix	Class	Num of Data Points	Num of Data Point Detections	Mann-Kendall Statistic S	Probabilities (1)	Trend (2)
1,1,1-Trichloroethane	WG	VOA	19	1	-16	0.314	No Trend
1,2-Dibromo-3-chloropropane	WG	VOA	5	1	2	0.408	No Trend
1,2-Dichloroethene (cis)	WG	VOA	19	1	14	0.339	No Trend
Trichloroethene	WG	VOA	19	14	-26	0.203	No Trend

For multiple observations per time period, the Mann-Kendall test to the median was used.

Data reported as less than the detection limit were used by assigning a common value to the data that was smaller than the smallest measurement in the data set.

(1) - Probabilities for Mann-Kendall Nonparametric Test for Trend (Gilbert R.O. 1987, Table A18).

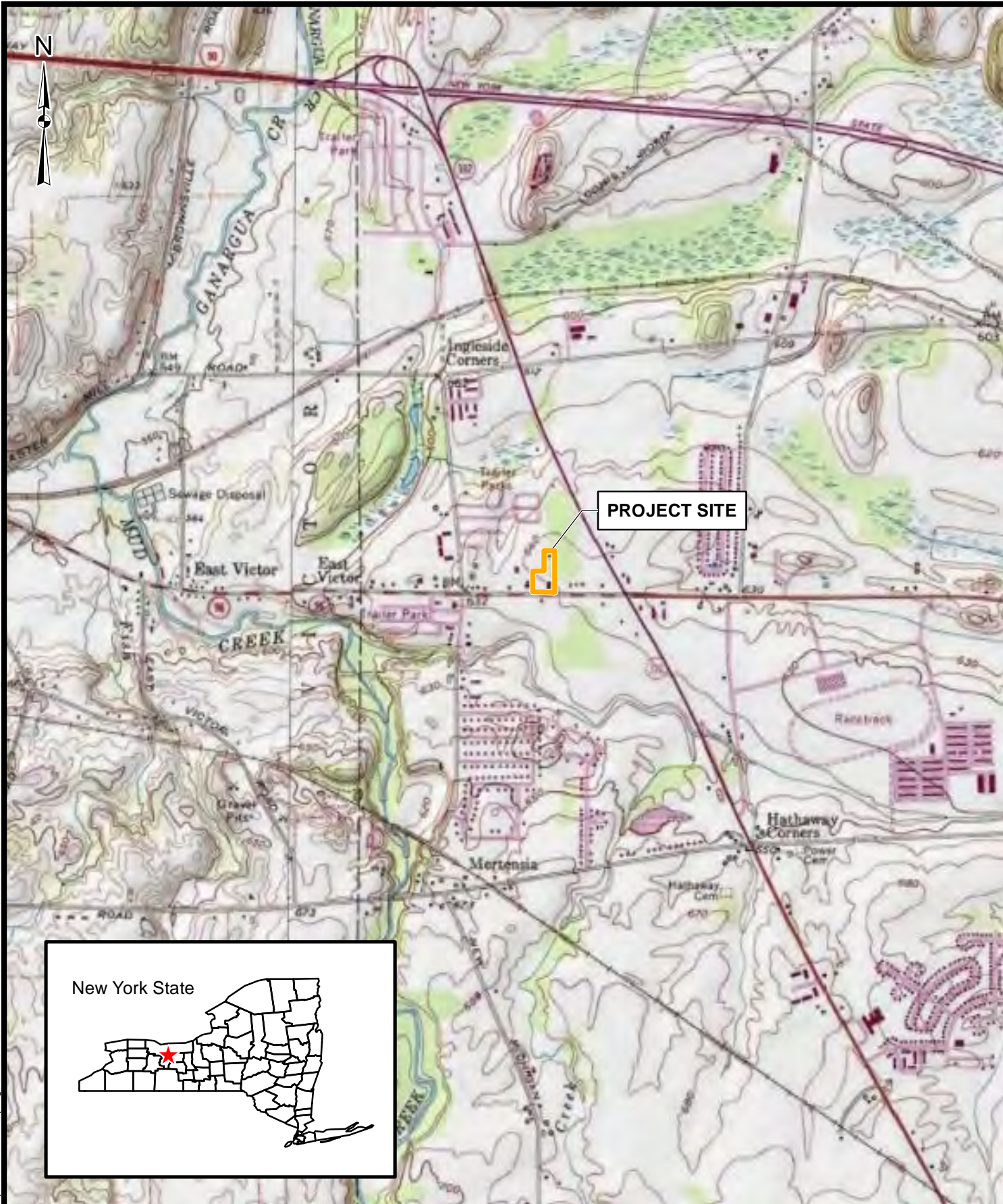
(2) - Assuming a probability of error of 10% in the analysis method and/or data, then the probability of no trend as calculated by the Mann-Kendall statistic is less than 10%, then it is assumed that there is a trend.

* - Number of observations too small to calculate probabilities.

** - Probability Undefined for S=0 and N=6, 7, 10, 11, 14, 15, 18, 19, 22, 23, 26, 27, 30, 31, 34, or 35.

Only Detected Results Reported.

FIGURES



Source:
- National Geographic TOPO! via ArcGIS online data services.

2,000 0 2,000 Feet

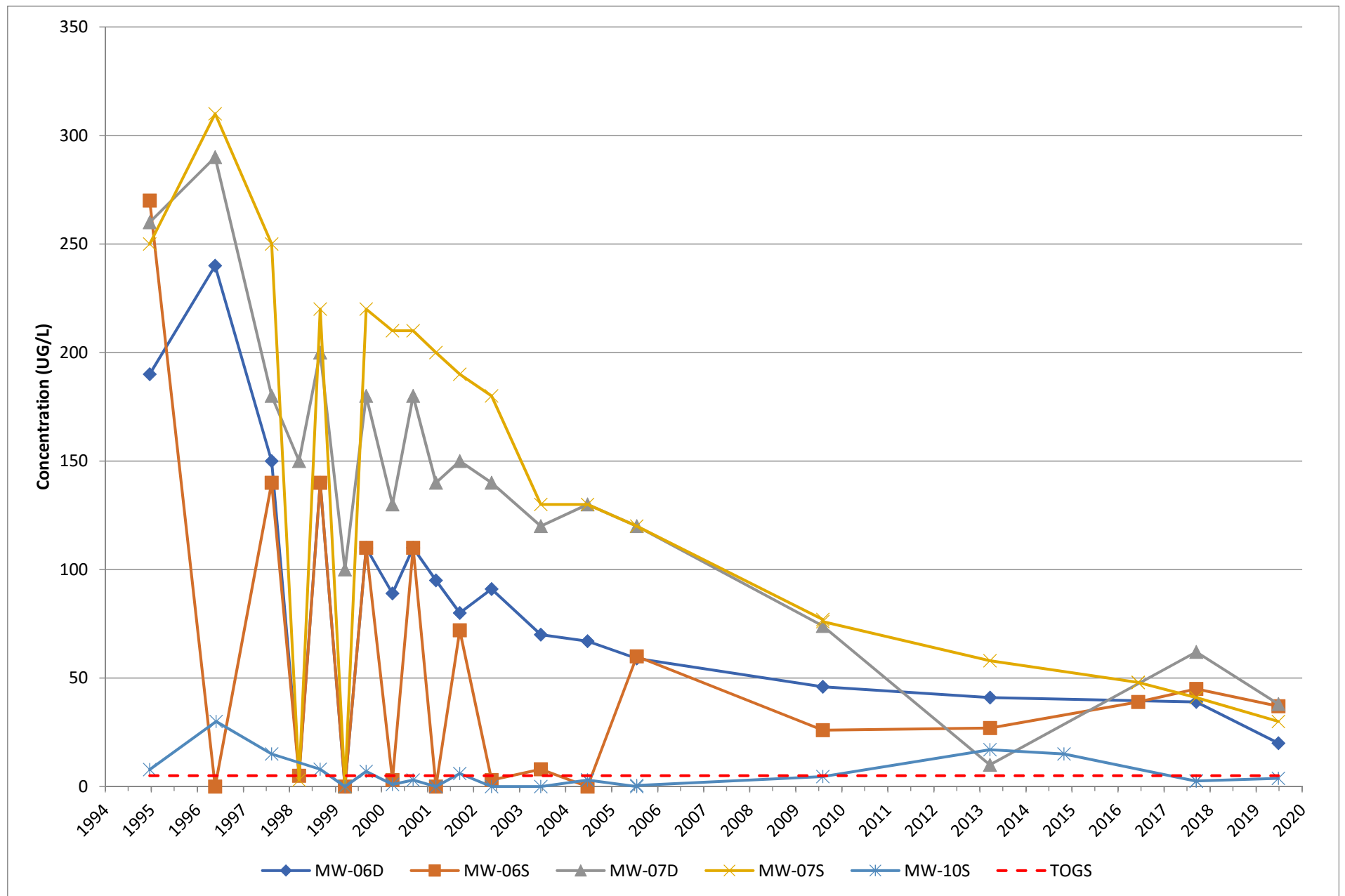


FORMER GRIFFIN TECHNOLOGY, INC.
FARMINGTON, NEW YORK
SITE LOCATION

FIGURE 1



FIGURE 3
Trichloroethene Trends
(Existing Wells)



ATTACHMENT 1

PURGE LOGS

LOW FLOW GROUNDWATER PURGING/SAMPLING LOG

Project: Former Griffin Technology Site: Griffin Well I.D.: MW-06S

Date: 6/27/19 Sampling Personnel: Kevin McGovern Company: URS Corporation

Purging/
Sampling
Device: Geopump 2 peristaltic pump Tubing Type: HDPE Pump/Tubing
Inlet
Location: Screen midpoint

Measuring
Point: Top of Riser Initial Depth
to Water: 3.81 Depth to
Well Bottom: 18.90 Well
Diameter: 2" Screen
Length: 10'

Casing
Type: SCH 40 PVC Volume in 1
Well Casing
(liters): 9.31 Estimated
Purge
Volume
(liters): 5

Sample ID: MW-06S Sample
Time: 1052 QA/QC: None

Sample Parameters: TCL VOCs

PURGE PARAMETERS

TIME	pH	TEMP (°C)	COND. (mS/cm)	DISS. O ₂ (mg/l)	TURB. (NTU)	ORP (mV)	FLOW RATE (ml/min.)	DEPTH TO WATER (btor)
1027	7.02	13.5	1.480	2.22	4.55	30.6	200	4.10
1032	6.96	12.9	1.512	0.31	9.14	-26.3	200	4.19
1037	6.97	12.8	1.508	0.21	8.01	-40.3	200	4.20
1042	6.97	12.9	1.508	0.15	8.00	-37.7	200	4.20
1047	6.97	12.9	1.509	0.13	4.00	-40.0	200	4.20
1052	6.96	13.0	1.506	0.12	4.37	-37.7	200	4.20
Tolerance:	0.1	---	3%	10%	10%	+ or - 10	---	

Information: WATER VOLUMES--0.75 inch diameter well = 87 ml/ft.; 1 inch diameter well = 154 ml/ft.; 2 inch diameter well = 617 ml/ft.;
4 inch diameter well = 2470 ml/ft. ($\text{vol}_{\text{cyl}} = \pi r^2 h$)

Comments:

Bolt holes on curb box stripped

LOW FLOW GROUNDWATER PURGING/SAMPLING LOG

Project: Former Griffin Technology Site: Griffin Well I.D.: MW-06D

Date: 6/27/19 Sampling Personnel: Kevin McGovern Company: URS Corporation

Purging/
Sampling
Device: Geopump 2 peristaltic pump Tubing Type: HDPE Pump/Tubing
Inlet
Location: Screen midpoint

Measuring
Point: Top of Riser Initial Depth
to Water: 4.00 Depth to
Well Bottom: 37.60 Well
Diameter: 2" Screen
Length: 10'

Casing
Type: SCH 40 PVC Volume in 1
Well Casing
(liters): 20.73 Estimated
Purge
Volume
(liters): 6

Sample ID: MW-06D Sample
Time: 1128 QA/QC: None

Sample Parameters: TCL VOCs

PURGE PARAMETERS

TIME	pH	TEMP (°C)	COND. (mS/cm)	DISS. O ₂ (mg/l)	TURB. (NTU)	ORP (mV)	FLOW RATE (ml/min.)	DEPTH TO WATER (btor)
1058	7.00	13.7	1.178	1.76	10.90	-75.0	200	4.77
1103	6.97	13.6	1.268	0.19	28.30	-114.5	200	5.07
1108	6.98	13.9	1.270	0.11	23.11	-120.0	200	5.20
1113	6.97	13.7	1.281	0.11	20.11	-129.5	200	5.30
1118	6.98	13.7	1.298	0.09	30.00	-129.8	200	5.31
1123	6.98	14.0	1.316	0.10	30.00	-128.2	200	5.23
1128	6.98	13.3	1.311	0.07	30.00	-127.8	200	5.47
Tolerance:	0.1	---	3%	10%	10%	+ or - 10	---	

Information: WATER VOLUMES--0.75 inch diameter well = 87 ml/ft.; 1 inch diameter well = 154 ml/ft.; 2 inch diameter well = 617 ml/ft.;
4 inch diameter well = 2470 ml/ft. ($\text{vol}_{\text{cyl}} = \pi r^2 h$)

Comments:

Curb box damaged, needs replacement

LOW FLOW GROUNDWATER PURGING/SAMPLING LOG

Project: Former Griffin Technology Site: Griffin Well I.D.: MW-07S

Date: 6/27/19 Sampling Personnel: Kevin McGovern Company: URS Corporation

Purging/
Sampling
Device: Geopump 2 peristaltic pump Tubing Type: HDPE Pump/Tubing
Inlet
Location: Screen midpoint

Measuring
Point: Top of Riser Initial Depth
to Water: 3.50 Depth to
Well Bottom: 25.72 Well
Diameter: 2" Screen
Length: 10'

Casing
Type: SCH 40 PVC Volume in 1
Well Casing
(liters): 13.71 Estimated
Purge
Volume
(liters): 6

Sample ID: MW-07S Sample
Time: 1245 QA/QC: None

Sample Parameters: TCL VOCs

PURGE PARAMETERS

TIME	pH	TEMP (°C)	COND. (mS/cm)	DISS. O ₂ (mg/l)	TURB. (NTU)	ORP (mV)	FLOW RATE (ml/min.)	DEPTH TO WATER (btor)
1215	6.97	16.3	1.035	5.63	50.30	92.3	200	3.70
1220	6.86	14.2	1.172	0.50	44.30	53.2	200	4.09
1225	6.88	13.8	117.300	0.26	33.00	21.0	200	4.20
1230	6.89	13.8	1.169	0.19	47.00	-3.8	200	4.20
1235	6.89	13.6	1.168	0.16	16.00	-23.2	200	4.20
1240	6.89	13.4	1.173	0.14	11.00	-29.1	200	4.20
1245	6.89	13.2	1.173	0.13	9.11	-32.3	200	4.20
Tolerance:	0.1	---	3%	10%	10%	+ or - 10	---	

Information: WATER VOLUMES--0.75 inch diameter well = 87 ml/ft.; 1 inch diameter well = 154 ml/ft.; 2 inch diameter well = 617 ml/ft.;
4 inch diameter well = 2470 ml/ft. ($vol_{\text{well}} = \pi r^2 h$)

Comments:

LOW FLOW GROUNDWATER PURGING/SAMPLING LOG

Project: Former Griffin Technology Site: Griffin Well I.D.: MW-07D

Date: 6/27/19 Sampling Personnel: Kevin McGovern Company: URS Corporation

Purging/
Sampling
Device: Bladder Pump Tubing Type: HDPE Pump/Tubing
Inlet
Location: Screen midpoint

Measuring
Point: Top of Riser Initial Depth
to Water: 30.10 Depth to
Well Bottom: 44.40 Well
Diameter: 2" Screen
Length: 10'

Casing
Type: SCH 40 PVC Volume in 1
Well Casing
(liters): 8.82 Estimated
Purge
Volume
(liters): 6

Sample ID: MW-07D Sample
Time: 1325 QA/QC: None

Sample Parameters: TCL VOCs

PURGE PARAMETERS

TIME	pH	TEMP (°C)	COND. (mS/cm)	DISS. O ₂ (mg/l)	TURB. (NTU)	ORP (mV)	FLOW RATE (ml/min.)	DEPTH TO WATER (btor)
1255	6.96	13.3	1.019	1.70	104.00	-3.6	200	30.40
1300	6.88	12.9	0.789	1.64	168.00	3.4	200	32.79
1305	6.89	12.8	0.570	3.75	45.00	16.7	200	35.80
1310	6.92	12.7	0.527	3.96	40.00	22.1	200	37.80
1315	6.93	12.7	0.850	3.90	35.00	20.9	200	39.70
1320	6.93	12.7	0.868	3.80	34.00	19.9	200	40.11
1325	6.94	12.8	0.921	3.79	32.00	16.2	200	41.11
Tolerance:	0.1	---	3%	10%	10%	+ or - 10	---	

Information: WATER VOLUMES--0.75 inch diameter well = 87 ml/ft.; 1 inch diameter well = 154 ml/ft.; 2 inch diameter well = 617 ml/ft.;
4 inch diameter well = 2470 ml/ft. ($\text{vol}_{\text{cyl}} = \pi r^2 h$)

Comments:

Curb box lid loose, suggest new curb box

LOW FLOW GROUNDWATER PURGING/SAMPLING LOG

Project: Former Griffin Technology Site: Griffin Well I.D.: MW-10S

Date: 6/27/19 Sampling Personnel: Kevin McGovern Company: URS Corporation

Purging/
Sampling
Device: Geopump 2 peristaltic pump Tubing Type: HDPE Pump/Tubing
Inlet
Location: Screen midpoint

Measuring
Point: Top of Riser Initial Depth
to Water: 13.91 Depth to
Well Bottom: 22.62 Well
Diameter: 2" Screen
Length: 10'

Casing
Type: SCH 40 PVC Volume in 1
Well Casing
(liters): 5.37 Estimated
Purge
Volume
(liters): 6

Sample ID: MW-10S Sample
Time: 947 QA/QC: FD-20190627

Sample Parameters: TCL VOCs

PURGE PARAMETERS

TIME	pH	TEMP (°C)	COND. (mS/cm)	DISS. O ₂ (mg/l)	TURB. (NTU)	ORP (mV)	FLOW RATE (ml/min.)	DEPTH TO WATER (btor)
917	6.53	13.0	2.777	0.81	27.22	164.0	200	14.23
922	6.59	12.0	2.762	0.24	28.47	142.0	200	14.29
927	6.65	11.9	2.741	0.19	34.10	117.7	200	14.30
932	6.72	12.0	2.679	0.15	42.01	85.4	200	14.30
937	6.77	12.5	2.645	0.13	38.56	67.0	200	14.30
942	6.78	12.6	2.651	0.13	25.11	63.3	200	14.30
947	6.79	12.6	2.649	0.12	24.91	58.1	200	14.30
Tolerance:	0.1	---	3%	10%	10%	+ or - 10	---	

Information: WATER VOLUMES--0.75 inch diameter well = 87 ml/ft.; 1 inch diameter well = 154 ml/ft.; 2 inch diameter well = 617 ml/ft.;
4 inch diameter well = 2470 ml/ft. ($\text{vol}_{\text{cyl}} = \pi r^2 h$)

Comments:

ATTACHMENT 2

**DATA USABILITY SUMMARY REPORT
AND
COMPLETE ANALYTICAL REPORT**

MEMORANDUM

TO: Mike Gutmann

FROM: Ann Marie Kropovitch

DATE: July 11, 2019

**SUBJECT: Groundwater Analytical Results
Former Griffin Technology Facility**

Five groundwater samples and one field duplicate were collected from the Former Griffin Technology Facility site on June 27, 2019 and delivered to TestAmerica Laboratories, Inc. located in Amherst, NY for analysis. A trip blank accompanied the samples. The samples were received by the laboratory on June 27, 2019 intact, properly preserved and under proper chain-of-custody.

The samples were analyzed for volatile organic compounds (VOCs) by United States Environmental Protection Agency (USEPA) Method 8260C. The analytical method referenced is from "Test Methods for Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 and its updates.

The following USEPA Region II standard operating procedure (SOP) was used to evaluate and, when required, qualify the data:

- Validating Volatile Organic Compounds by Gas Chromatography/Mass Spectrometry SW-846 Method 8260B & 8260C, SOP HW-24, Revision 4, October 2014.

A limited data review was performed for completeness of deliverables, and for compliance with method and validation SOP criteria, which includes quantitation limits, holding times, method blanks, trip blanks, surrogate recoveries, laboratory control sample (LCS) recoveries and any items presented in the laboratory's case narrative. Only method and validation SOP non-conformances are discussed in this report.

The analytical results are provided in Table 1. Definitions of USEPA Region II data qualifiers are presented at the end of this memorandum.

VOCs

No data qualifications were made. All data are usable as reported.

Field Duplicate Results

Sample FD-20190627 is a field duplicate of MW-10S. There was good agreement between the detected compounds in the sample and field duplicate as shown in Table 2. USEPA Region II validation guidelines do not provide any criteria for RPDs, nor are there any recommendations for

the qualification of data based on field duplicate results.

cc: File: 13816402.00000

DEFINITION OF USEPA REGION II DATA QUALIFIERS

The following are definitions of the qualifiers assigned to results during the data review process.

- U** - The analyte was analyzed for, but was not detected above the reported sample quantitation limit.
- J** - The analyte was positively identified; the associated numerical value is the approximate concentration of the analyte in the sample.
- UJ** - The analyte was analyzed for, but not detected. The reported quantitation limit is approximate and may be inaccurate or imprecise.

TABLE 1
GROUNDWATER ANALYTICAL RESULTS
FORMER GRIFFIN TECHNOLOGY FACILITY

Location ID		FIELDQC	MW-06D	MW-06S	MW-07D	MW-07S
Sample ID		TRIP BLANK	MW-06D	MW-06S	MW-07D	MW-07S
Matrix		Water Quality	Groundwater	Groundwater	Groundwater	Groundwater
Depth Interval (ft)		-	-	-	-	-
Date Sampled		06/27/19	06/27/19	06/27/19	06/27/19	06/27/19
Parameter	Units	Trip Blank (1-1)				
Volatile Organic Compounds						
1,1,1-Trichloroethane	UG/L	1.0 U	1.0 U	0.99 J	1.0 U	1.0 U
1,1,2,2-Tetrachloroethane	UG/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1,2-Trichloro-1,2,2-trifluoroethane	UG/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1,2-Trichloroethane	UG/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1-Dichloroethane	UG/L	1.0 U	0.90 J	0.68 J	1.0 U	1.0 U
1,1-Dichloroethene	UG/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2,4-Trichlorobenzene	UG/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dibromo-3-chloropropane	UG/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dibromoethane (Ethylene dibromide)	UG/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichlorobenzene	UG/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichloroethane	UG/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichloroethene (cis)	UG/L	1.0 U	12	9.1	22	2.1
1,2-Dichloroethene (trans)	UG/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichloropropane	UG/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,3-Dichlorobenzene	UG/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,3-Dichloropropene (cis)	UG/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,3-Dichloropropene (trans)	UG/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,4-Dichlorobenzene	UG/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
2-Hexanone	UG/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
4-Methyl-2-pentanone	UG/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Acetone	UG/L	10 U	10 U	10 U	10 U	3.6 J
Benzene	UG/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromodichloromethane	UG/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U

Flags assigned during chemistry validation are shown.

U - Not detected above the reported quantitation limit.

J - The reported concentration is an estimated value.

Detection Limits shown are PQL

TABLE 1
GROUNDWATER ANALYTICAL RESULTS
FORMER GRIFFIN TECHNOLOGY FACILITY

Location ID		FIELDQC	MW-06D	MW-06S	MW-07D	MW-07S
Sample ID		TRIP BLANK	MW-06D	MW-06S	MW-07D	MW-07S
Matrix		Water Quality	Groundwater	Groundwater	Groundwater	Groundwater
Depth Interval (ft)		-	-	-	-	-
Date Sampled		06/27/19	06/27/19	06/27/19	06/27/19	06/27/19
Parameter	Units	Trip Blank (1-1)				
Volatile Organic Compounds						
Bromoform	UG/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromomethane	UG/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Carbon disulfide	UG/L	1.0 U	1.0 U	1.0 U	1.0 U	0.21 J
Carbon tetrachloride	UG/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chlorobenzene	UG/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chloroethane	UG/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chloroform	UG/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chloromethane	UG/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Cyclohexane	UG/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Dibromochloromethane	UG/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Dichlorodifluoromethane	UG/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Ethylbenzene	UG/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Isopropylbenzene (Cumene)	UG/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Methyl acetate	UG/L	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
Methyl ethyl ketone (2-Butanone)	UG/L	10 U	10 U	10 U	10 U	10 U
Methyl tert-butyl ether	UG/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Methylcyclohexane	UG/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Methylene chloride	UG/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Styrene	UG/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Tetrachloroethene	UG/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Toluene	UG/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Trichloroethene	UG/L	1.0 U	20	37	38	30
Trichlorofluoromethane	UG/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U

Flags assigned during chemistry validation are shown.

U - Not detected above the reported quantitation limit.

J - The reported concentration is an estimated value.

Detection Limits shown are PQL

TABLE 1
GROUNDWATER ANALYTICAL RESULTS
FORMER GRIFFIN TECHNOLOGY FACILITY

Location ID		FIELDQC	MW-06D	MW-06S	MW-07D	MW-07S
Sample ID		TRIP BLANK	MW-06D	MW-06S	MW-07D	MW-07S
Matrix		Water Quality	Groundwater	Groundwater	Groundwater	Groundwater
Depth Interval (ft)		-	-	-	-	-
Date Sampled		06/27/19	06/27/19	06/27/19	06/27/19	06/27/19
Parameter	Units	Trip Blank (1-1)				
Volatile Organic Compounds						
Vinyl chloride	UG/L	1.0 U	7.3	3.3	0.90 J	1.0 U
Xylene (total)	UG/L	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U

Flags assigned during chemistry validation are shown.

U - Not detected above the reported quantitation limit.

J - The reported concentration is an estimated value.

Detection Limits shown are PQL

TABLE 1
GROUNDWATER ANALYTICAL RESULTS
FORMER GRIFFIN TECHNOLOGY FACILITY

Location ID		MW-10S	MW-10S
Sample ID		FD-20190627	MW-10S
Matrix		Groundwater	Groundwater
Depth Interval (ft)		-	-
Date Sampled		06/27/19	06/27/19
Parameter	Units	Field Duplicate (1-1)	
Volatile Organic Compounds			
1,1,1-Trichloroethane	UG/L	1.0 U	1.0 U
1,1,2,2-Tetrachloroethane	UG/L	1.0 U	1.0 U
1,1,2-Trichloro-1,2,2-trifluoroethane	UG/L	1.0 U	1.0 U
1,1,2-Trichloroethane	UG/L	1.0 U	1.0 U
1,1-Dichloroethane	UG/L	1.0 U	1.0 U
1,1-Dichloroethene	UG/L	1.0 U	1.0 U
1,2,4-Trichlorobenzene	UG/L	1.0 U	1.0 U
1,2-Dibromo-3-chloropropane	UG/L	1.0 U	1.0 U
1,2-Dibromoethane (Ethylene dibromide)	UG/L	1.0 U	1.0 U
1,2-Dichlorobenzene	UG/L	1.0 U	1.0 U
1,2-Dichloroethane	UG/L	1.0 U	1.0 U
1,2-Dichloroethene (cis)	UG/L	1.0 U	1.0 U
1,2-Dichloroethene (trans)	UG/L	1.0 U	1.0 U
1,2-Dichloropropane	UG/L	1.0 U	1.0 U
1,3-Dichlorobenzene	UG/L	1.0 U	1.0 U
1,3-Dichloropropene (cis)	UG/L	1.0 U	1.0 U
1,3-Dichloropropene (trans)	UG/L	1.0 U	1.0 U
1,4-Dichlorobenzene	UG/L	1.0 U	1.0 U
2-Hexanone	UG/L	5.0 U	5.0 U
4-Methyl-2-pentanone	UG/L	5.0 U	5.0 U
Acetone	UG/L	10 U	10 U
Benzene	UG/L	1.0 U	1.0 U
Bromodichloromethane	UG/L	1.0 U	1.0 U

Flags assigned during chemistry validation are shown.

U - Not detected above the reported quantitation limit.

J - The reported concentration is an estimated value.

Detection Limits shown are PQL

TABLE 1
GROUNDWATER ANALYTICAL RESULTS
FORMER GRIFFIN TECHNOLOGY FACILITY

Location ID		MW-10S	MW-10S
Sample ID		FD-20190627	MW-10S
Matrix		Groundwater	Groundwater
Depth Interval (ft)		-	-
Date Sampled		06/27/19	06/27/19
Parameter	Units	Field Duplicate (1-1)	
Volatile Organic Compounds			
Bromoform	UG/L	1.0 U	1.0 U
Bromomethane	UG/L	1.0 U	1.0 U
Carbon disulfide	UG/L	1.0 U	1.0 U
Carbon tetrachloride	UG/L	1.0 U	1.0 U
Chlorobenzene	UG/L	1.0 U	1.0 U
Chloroethane	UG/L	1.0 U	1.0 U
Chloroform	UG/L	1.0 U	1.0 U
Chloromethane	UG/L	1.0 U	1.0 U
Cyclohexane	UG/L	1.0 U	1.0 U
Dibromochloromethane	UG/L	1.0 U	1.0 U
Dichlorodifluoromethane	UG/L	1.0 U	1.0 U
Ethylbenzene	UG/L	1.0 U	1.0 U
Isopropylbenzene (Cumene)	UG/L	1.0 U	1.0 U
Methyl acetate	UG/L	2.5 U	2.5 U
Methyl ethyl ketone (2-Butanone)	UG/L	10 U	10 U
Methyl tert-butyl ether	UG/L	1.0 U	1.0 U
Methylcyclohexane	UG/L	1.0 U	1.0 U
Methylene chloride	UG/L	1.0 U	1.0 U
Styrene	UG/L	1.0 U	1.0 U
Tetrachloroethene	UG/L	1.0 U	1.0 U
Toluene	UG/L	1.0 U	1.0 U
Trichloroethene	UG/L	4.1	3.5
Trichlorofluoromethane	UG/L	1.0 U	1.0 U

Flags assigned during chemistry validation are shown.

U - Not detected above the reported quantitation limit.

J - The reported concentration is an estimated value.

Detection Limits shown are PQL

TABLE 1
GROUNDWATER ANALYTICAL RESULTS
FORMER GRIFFIN TECHNOLOGY FACILITY

Location ID		MW-10S	MW-10S
Sample ID		FD-20190627	MW-10S
Matrix		Groundwater	Groundwater
Depth Interval (ft)		-	-
Date Sampled		06/27/19	06/27/19
Parameter	Units	Field Duplicate (1-1)	
Volatile Organic Compounds			
Vinyl chloride	UG/L	1.0 U	1.0 U
Xylene (total)	UG/L	2.0 U	2.0 U

Flags assigned during chemistry validation are shown.

U - Not detected above the reported quantitation limit.

J - The reported concentration is an estimated value.

Detection Limits shown are PQL

TABLE 2
FIELD DUPLICATE COMPARISON
FORMER GRIFFIN TECHNOLOGY FACILITY SITE

Detected Compound	MW-10S (µg/L)	FD-20190627 (µg/L)	RPD (%)
Trichloroethene	3.5	4.1	15.8

RPD – relative percent difference.

µg/L – micrograms per liter.

ANALYTICAL REPORT

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

Laboratory Job ID: 480-155574-1
Client Project/Site: Griffin Diebold Project

For:
AECOM
257 West Genesee Street
Suite 400
Buffalo, New York 14202-2657

Attn: George Kisluk



Authorized for release by:
7/9/2019 5:49:12 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

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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.

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Definitions/Glossary

Client: AECOM
Project/Site: Griffin Diebold Project

Job ID: 480-155574-1

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: AECOM
Project/Site: Griffin Diebold Project

Job ID: 480-155574-1

Job ID: 480-155574-1

Laboratory: Eurofins TestAmerica, Buffalo

Narrative

Job Narrative 480-155574-1

Receipt

The samples were received on 6/27/2019 4:22 PM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 2.1° C.

GC/MS VOA

Method(s) 8260C: The continuing calibration verification (CCV) associated with batch 480-480707 recovered above the upper control limit for Vinyl chloride. The samples associated with this CCV were non-detect for the affected analyte; therefore, the data have been reported. The following sample is impacted: TRIP BLANK (480-155574-7).

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

Detection Summary

Client: AECOM
Project/Site: Griffin Diebold Project

Job ID: 480-155574-1

Client Sample ID: MW-06S

Lab Sample ID: 480-155574-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1,1-Trichloroethane	0.99	J	1.0	0.82	ug/L	1		8260C	Total/NA
1,1-Dichloroethane	0.68	J	1.0	0.38	ug/L	1		8260C	Total/NA
cis-1,2-Dichloroethene	9.1		1.0	0.81	ug/L	1		8260C	Total/NA
Trichloroethene	37		1.0	0.46	ug/L	1		8260C	Total/NA
Vinyl chloride	3.3		1.0	0.90	ug/L	1		8260C	Total/NA

Client Sample ID: MW-06D

Lab Sample ID: 480-155574-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	0.90	J	1.0	0.38	ug/L	1		8260C	Total/NA
cis-1,2-Dichloroethene	12		1.0	0.81	ug/L	1		8260C	Total/NA
Trichloroethene	20		1.0	0.46	ug/L	1		8260C	Total/NA
Vinyl chloride	7.3		1.0	0.90	ug/L	1		8260C	Total/NA

Client Sample ID: MW-07S

Lab Sample ID: 480-155574-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	3.6	J	10	3.0	ug/L	1		8260C	Total/NA
Carbon disulfide	0.21	J	1.0	0.19	ug/L	1		8260C	Total/NA
cis-1,2-Dichloroethene	2.1		1.0	0.81	ug/L	1		8260C	Total/NA
Trichloroethene	30		1.0	0.46	ug/L	1		8260C	Total/NA

Client Sample ID: MW-07D

Lab Sample ID: 480-155574-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	22		1.0	0.81	ug/L	1		8260C	Total/NA
Trichloroethene	38		1.0	0.46	ug/L	1		8260C	Total/NA
Vinyl chloride	0.90	J	1.0	0.90	ug/L	1		8260C	Total/NA

Client Sample ID: MW-10S

Lab Sample ID: 480-155574-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Trichloroethene	3.5		1.0	0.46	ug/L	1		8260C	Total/NA

Client Sample ID: FD-20190627

Lab Sample ID: 480-155574-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Trichloroethene	4.1		1.0	0.46	ug/L	1		8260C	Total/NA

Client Sample ID: TRIP BLANK

Lab Sample ID: 480-155574-7

No Detections.

This Detection Summary does not include radiochemical test results.

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: AECOM
Project/Site: Griffin Diebold Project

Job ID: 480-155574-1

Client Sample ID: MW-06S

Lab Sample ID: 480-155574-1

Date Collected: 06/27/19 10:52

Matrix: Water

Date Received: 06/27/19 16:22

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.99	J	1.0	0.82	ug/L			07/06/19 17:46	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			07/06/19 17:46	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			07/06/19 17:46	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			07/06/19 17:46	1
1,1-Dichloroethane	0.68	J	1.0	0.38	ug/L			07/06/19 17:46	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			07/06/19 17:46	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			07/06/19 17:46	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			07/06/19 17:46	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			07/06/19 17:46	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			07/06/19 17:46	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			07/06/19 17:46	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			07/06/19 17:46	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			07/06/19 17:46	1
2-Butanone (MEK)	ND		10	1.3	ug/L			07/06/19 17:46	1
2-Hexanone	ND		5.0	1.2	ug/L			07/06/19 17:46	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			07/06/19 17:46	1
Acetone	ND		10	3.0	ug/L			07/06/19 17:46	1
Benzene	ND		1.0	0.41	ug/L			07/06/19 17:46	1
Bromodichloromethane	ND		1.0	0.39	ug/L			07/06/19 17:46	1
Bromoform	ND		1.0	0.26	ug/L			07/06/19 17:46	1
Bromomethane	ND		1.0	0.69	ug/L			07/06/19 17:46	1
Carbon disulfide	ND		1.0	0.19	ug/L			07/06/19 17:46	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			07/06/19 17:46	1
Chlorobenzene	ND		1.0	0.75	ug/L			07/06/19 17:46	1
Dibromochloromethane	ND		1.0	0.32	ug/L			07/06/19 17:46	1
Chloroethane	ND		1.0	0.32	ug/L			07/06/19 17:46	1
Chloroform	ND		1.0	0.34	ug/L			07/06/19 17:46	1
Chloromethane	ND		1.0	0.35	ug/L			07/06/19 17:46	1
cis-1,2-Dichloroethene	9.1		1.0	0.81	ug/L			07/06/19 17:46	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			07/06/19 17:46	1
Cyclohexane	ND		1.0	0.18	ug/L			07/06/19 17:46	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			07/06/19 17:46	1
Ethylbenzene	ND		1.0	0.74	ug/L			07/06/19 17:46	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			07/06/19 17:46	1
Isopropylbenzene	ND		1.0	0.79	ug/L			07/06/19 17:46	1
Methyl acetate	ND		2.5	1.3	ug/L			07/06/19 17:46	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			07/06/19 17:46	1
Methylcyclohexane	ND		1.0	0.16	ug/L			07/06/19 17:46	1
Methylene Chloride	ND		1.0	0.44	ug/L			07/06/19 17:46	1
Styrene	ND		1.0	0.73	ug/L			07/06/19 17:46	1
Tetrachloroethene	ND		1.0	0.36	ug/L			07/06/19 17:46	1
Toluene	ND		1.0	0.51	ug/L			07/06/19 17:46	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			07/06/19 17:46	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			07/06/19 17:46	1
Trichloroethene	37		1.0	0.46	ug/L			07/06/19 17:46	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			07/06/19 17:46	1
Vinyl chloride	3.3		1.0	0.90	ug/L			07/06/19 17:46	1
Xylenes, Total	ND		2.0	0.66	ug/L			07/06/19 17:46	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: AECOM
Project/Site: Griffin Diebold Project

Job ID: 480-155574-1

Client Sample ID: MW-06S

Lab Sample ID: 480-155574-1

Date Collected: 06/27/19 10:52

Matrix: Water

Date Received: 06/27/19 16:22

<i>Surrogate</i>	<i>%Recovery</i>	<i>Qualifier</i>	<i>Limits</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Dil Fac</i>
<i>Toluene-d8 (Surr)</i>	99		80 - 120		07/06/19 17:46	1
<i>1,2-Dichloroethane-d4 (Surr)</i>	104		77 - 120		07/06/19 17:46	1
<i>4-Bromofluorobenzene (Surr)</i>	98		73 - 120		07/06/19 17:46	1
<i>Dibromofluoromethane (Surr)</i>	101		75 - 123		07/06/19 17:46	1

Client Sample Results

Client: AECOM
Project/Site: Griffin Diebold Project

Job ID: 480-155574-1

Client Sample ID: MW-06D

Lab Sample ID: 480-155574-2

Date Collected: 06/27/19 11:28

Matrix: Water

Date Received: 06/27/19 16:22

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			07/06/19 18:09	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			07/06/19 18:09	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			07/06/19 18:09	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			07/06/19 18:09	1
1,1-Dichloroethane	0.90	J	1.0	0.38	ug/L			07/06/19 18:09	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			07/06/19 18:09	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			07/06/19 18:09	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			07/06/19 18:09	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			07/06/19 18:09	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			07/06/19 18:09	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			07/06/19 18:09	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			07/06/19 18:09	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			07/06/19 18:09	1
2-Butanone (MEK)	ND		10	1.3	ug/L			07/06/19 18:09	1
2-Hexanone	ND		5.0	1.2	ug/L			07/06/19 18:09	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			07/06/19 18:09	1
Acetone	ND		10	3.0	ug/L			07/06/19 18:09	1
Benzene	ND		1.0	0.41	ug/L			07/06/19 18:09	1
Bromodichloromethane	ND		1.0	0.39	ug/L			07/06/19 18:09	1
Bromoform	ND		1.0	0.26	ug/L			07/06/19 18:09	1
Bromomethane	ND		1.0	0.69	ug/L			07/06/19 18:09	1
Carbon disulfide	ND		1.0	0.19	ug/L			07/06/19 18:09	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			07/06/19 18:09	1
Chlorobenzene	ND		1.0	0.75	ug/L			07/06/19 18:09	1
Dibromochloromethane	ND		1.0	0.32	ug/L			07/06/19 18:09	1
Chloroethane	ND		1.0	0.32	ug/L			07/06/19 18:09	1
Chloroform	ND		1.0	0.34	ug/L			07/06/19 18:09	1
Chloromethane	ND		1.0	0.35	ug/L			07/06/19 18:09	1
cis-1,2-Dichloroethene	12		1.0	0.81	ug/L			07/06/19 18:09	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			07/06/19 18:09	1
Cyclohexane	ND		1.0	0.18	ug/L			07/06/19 18:09	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			07/06/19 18:09	1
Ethylbenzene	ND		1.0	0.74	ug/L			07/06/19 18:09	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			07/06/19 18:09	1
Isopropylbenzene	ND		1.0	0.79	ug/L			07/06/19 18:09	1
Methyl acetate	ND		2.5	1.3	ug/L			07/06/19 18:09	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			07/06/19 18:09	1
Methylcyclohexane	ND		1.0	0.16	ug/L			07/06/19 18:09	1
Methylene Chloride	ND		1.0	0.44	ug/L			07/06/19 18:09	1
Styrene	ND		1.0	0.73	ug/L			07/06/19 18:09	1
Tetrachloroethene	ND		1.0	0.36	ug/L			07/06/19 18:09	1
Toluene	ND		1.0	0.51	ug/L			07/06/19 18:09	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			07/06/19 18:09	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			07/06/19 18:09	1
Trichloroethene	20		1.0	0.46	ug/L			07/06/19 18:09	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			07/06/19 18:09	1
Vinyl chloride	7.3		1.0	0.90	ug/L			07/06/19 18:09	1
Xylenes, Total	ND		2.0	0.66	ug/L			07/06/19 18:09	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: AECOM
Project/Site: Griffin Diebold Project

Job ID: 480-155574-1

Client Sample ID: MW-06D

Lab Sample ID: 480-155574-2

Date Collected: 06/27/19 11:28

Matrix: Water

Date Received: 06/27/19 16:22

<i>Surrogate</i>	<i>%Recovery</i>	<i>Qualifier</i>	<i>Limits</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Dil Fac</i>
<i>Toluene-d8 (Surr)</i>	99		80 - 120		07/06/19 18:09	1
<i>1,2-Dichloroethane-d4 (Surr)</i>	106		77 - 120		07/06/19 18:09	1
<i>4-Bromofluorobenzene (Surr)</i>	93		73 - 120		07/06/19 18:09	1
<i>Dibromofluoromethane (Surr)</i>	97		75 - 123		07/06/19 18:09	1

Client Sample Results

Client: AECOM
Project/Site: Griffin Diebold Project

Job ID: 480-155574-1

Client Sample ID: MW-07S

Lab Sample ID: 480-155574-3

Date Collected: 06/27/19 12:45

Matrix: Water

Date Received: 06/27/19 16:22

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			07/06/19 18:32	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			07/06/19 18:32	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			07/06/19 18:32	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			07/06/19 18:32	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			07/06/19 18:32	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			07/06/19 18:32	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			07/06/19 18:32	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			07/06/19 18:32	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			07/06/19 18:32	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			07/06/19 18:32	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			07/06/19 18:32	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			07/06/19 18:32	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			07/06/19 18:32	1
2-Butanone (MEK)	ND		10	1.3	ug/L			07/06/19 18:32	1
2-Hexanone	ND		5.0	1.2	ug/L			07/06/19 18:32	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			07/06/19 18:32	1
Acetone	3.6	J	10	3.0	ug/L			07/06/19 18:32	1
Benzene	ND		1.0	0.41	ug/L			07/06/19 18:32	1
Bromodichloromethane	ND		1.0	0.39	ug/L			07/06/19 18:32	1
Bromoform	ND		1.0	0.26	ug/L			07/06/19 18:32	1
Bromomethane	ND		1.0	0.69	ug/L			07/06/19 18:32	1
Carbon disulfide	0.21	J	1.0	0.19	ug/L			07/06/19 18:32	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			07/06/19 18:32	1
Chlorobenzene	ND		1.0	0.75	ug/L			07/06/19 18:32	1
Dibromochloromethane	ND		1.0	0.32	ug/L			07/06/19 18:32	1
Chloroethane	ND		1.0	0.32	ug/L			07/06/19 18:32	1
Chloroform	ND		1.0	0.34	ug/L			07/06/19 18:32	1
Chloromethane	ND		1.0	0.35	ug/L			07/06/19 18:32	1
cis-1,2-Dichloroethene	2.1		1.0	0.81	ug/L			07/06/19 18:32	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			07/06/19 18:32	1
Cyclohexane	ND		1.0	0.18	ug/L			07/06/19 18:32	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			07/06/19 18:32	1
Ethylbenzene	ND		1.0	0.74	ug/L			07/06/19 18:32	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			07/06/19 18:32	1
Isopropylbenzene	ND		1.0	0.79	ug/L			07/06/19 18:32	1
Methyl acetate	ND		2.5	1.3	ug/L			07/06/19 18:32	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			07/06/19 18:32	1
Methylcyclohexane	ND		1.0	0.16	ug/L			07/06/19 18:32	1
Methylene Chloride	ND		1.0	0.44	ug/L			07/06/19 18:32	1
Styrene	ND		1.0	0.73	ug/L			07/06/19 18:32	1
Tetrachloroethene	ND		1.0	0.36	ug/L			07/06/19 18:32	1
Toluene	ND		1.0	0.51	ug/L			07/06/19 18:32	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			07/06/19 18:32	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			07/06/19 18:32	1
Trichloroethene	30		1.0	0.46	ug/L			07/06/19 18:32	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			07/06/19 18:32	1
Vinyl chloride	ND		1.0	0.90	ug/L			07/06/19 18:32	1
Xylenes, Total	ND		2.0	0.66	ug/L			07/06/19 18:32	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: AECOM
Project/Site: Griffin Diebold Project

Job ID: 480-155574-1

Client Sample ID: MW-07S

Lab Sample ID: 480-155574-3

Date Collected: 06/27/19 12:45

Matrix: Water

Date Received: 06/27/19 16:22

<i>Surrogate</i>	<i>%Recovery</i>	<i>Qualifier</i>	<i>Limits</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Dil Fac</i>
<i>Toluene-d8 (Surr)</i>	98		80 - 120		07/06/19 18:32	1
<i>1,2-Dichloroethane-d4 (Surr)</i>	101		77 - 120		07/06/19 18:32	1
<i>4-Bromofluorobenzene (Surr)</i>	97		73 - 120		07/06/19 18:32	1
<i>Dibromofluoromethane (Surr)</i>	98		75 - 123		07/06/19 18:32	1

Client Sample Results

Client: AECOM
Project/Site: Griffin Diebold Project

Job ID: 480-155574-1

Client Sample ID: MW-07D

Lab Sample ID: 480-155574-4

Date Collected: 06/27/19 13:25

Matrix: Water

Date Received: 06/27/19 16:22

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			07/06/19 18:55	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			07/06/19 18:55	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			07/06/19 18:55	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			07/06/19 18:55	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			07/06/19 18:55	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			07/06/19 18:55	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			07/06/19 18:55	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			07/06/19 18:55	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			07/06/19 18:55	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			07/06/19 18:55	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			07/06/19 18:55	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			07/06/19 18:55	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			07/06/19 18:55	1
2-Butanone (MEK)	ND		10	1.3	ug/L			07/06/19 18:55	1
2-Hexanone	ND		5.0	1.2	ug/L			07/06/19 18:55	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			07/06/19 18:55	1
Acetone	ND		10	3.0	ug/L			07/06/19 18:55	1
Benzene	ND		1.0	0.41	ug/L			07/06/19 18:55	1
Bromodichloromethane	ND		1.0	0.39	ug/L			07/06/19 18:55	1
Bromoform	ND		1.0	0.26	ug/L			07/06/19 18:55	1
Bromomethane	ND		1.0	0.69	ug/L			07/06/19 18:55	1
Carbon disulfide	ND		1.0	0.19	ug/L			07/06/19 18:55	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			07/06/19 18:55	1
Chlorobenzene	ND		1.0	0.75	ug/L			07/06/19 18:55	1
Dibromochloromethane	ND		1.0	0.32	ug/L			07/06/19 18:55	1
Chloroethane	ND		1.0	0.32	ug/L			07/06/19 18:55	1
Chloroform	ND		1.0	0.34	ug/L			07/06/19 18:55	1
Chloromethane	ND		1.0	0.35	ug/L			07/06/19 18:55	1
cis-1,2-Dichloroethene	22		1.0	0.81	ug/L			07/06/19 18:55	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			07/06/19 18:55	1
Cyclohexane	ND		1.0	0.18	ug/L			07/06/19 18:55	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			07/06/19 18:55	1
Ethylbenzene	ND		1.0	0.74	ug/L			07/06/19 18:55	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			07/06/19 18:55	1
Isopropylbenzene	ND		1.0	0.79	ug/L			07/06/19 18:55	1
Methyl acetate	ND		2.5	1.3	ug/L			07/06/19 18:55	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			07/06/19 18:55	1
Methylcyclohexane	ND		1.0	0.16	ug/L			07/06/19 18:55	1
Methylene Chloride	ND		1.0	0.44	ug/L			07/06/19 18:55	1
Styrene	ND		1.0	0.73	ug/L			07/06/19 18:55	1
Tetrachloroethene	ND		1.0	0.36	ug/L			07/06/19 18:55	1
Toluene	ND		1.0	0.51	ug/L			07/06/19 18:55	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			07/06/19 18:55	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			07/06/19 18:55	1
Trichloroethene	38		1.0	0.46	ug/L			07/06/19 18:55	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			07/06/19 18:55	1
Vinyl chloride	0.90 J		1.0	0.90	ug/L			07/06/19 18:55	1
Xylenes, Total	ND		2.0	0.66	ug/L			07/06/19 18:55	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: AECOM
Project/Site: Griffin Diebold Project

Job ID: 480-155574-1

Client Sample ID: MW-07D

Lab Sample ID: 480-155574-4

Date Collected: 06/27/19 13:25

Matrix: Water

Date Received: 06/27/19 16:22

<i>Surrogate</i>	<i>%Recovery</i>	<i>Qualifier</i>	<i>Limits</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Dil Fac</i>
<i>Toluene-d8 (Surr)</i>	99		80 - 120		07/06/19 18:55	1
<i>1,2-Dichloroethane-d4 (Surr)</i>	106		77 - 120		07/06/19 18:55	1
<i>4-Bromofluorobenzene (Surr)</i>	97		73 - 120		07/06/19 18:55	1
<i>Dibromofluoromethane (Surr)</i>	99		75 - 123		07/06/19 18:55	1

Client Sample Results

Client: AECOM
Project/Site: Griffin Diebold Project

Job ID: 480-155574-1

Client Sample ID: MW-10S

Lab Sample ID: 480-155574-5

Date Collected: 06/27/19 09:47

Matrix: Water

Date Received: 06/27/19 16:22

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			07/06/19 19:18	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			07/06/19 19:18	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			07/06/19 19:18	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			07/06/19 19:18	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			07/06/19 19:18	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			07/06/19 19:18	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			07/06/19 19:18	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			07/06/19 19:18	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			07/06/19 19:18	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			07/06/19 19:18	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			07/06/19 19:18	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			07/06/19 19:18	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			07/06/19 19:18	1
2-Butanone (MEK)	ND		10	1.3	ug/L			07/06/19 19:18	1
2-Hexanone	ND		5.0	1.2	ug/L			07/06/19 19:18	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			07/06/19 19:18	1
Acetone	ND		10	3.0	ug/L			07/06/19 19:18	1
Benzene	ND		1.0	0.41	ug/L			07/06/19 19:18	1
Bromodichloromethane	ND		1.0	0.39	ug/L			07/06/19 19:18	1
Bromoform	ND		1.0	0.26	ug/L			07/06/19 19:18	1
Bromomethane	ND		1.0	0.69	ug/L			07/06/19 19:18	1
Carbon disulfide	ND		1.0	0.19	ug/L			07/06/19 19:18	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			07/06/19 19:18	1
Chlorobenzene	ND		1.0	0.75	ug/L			07/06/19 19:18	1
Dibromochloromethane	ND		1.0	0.32	ug/L			07/06/19 19:18	1
Chloroethane	ND		1.0	0.32	ug/L			07/06/19 19:18	1
Chloroform	ND		1.0	0.34	ug/L			07/06/19 19:18	1
Chloromethane	ND		1.0	0.35	ug/L			07/06/19 19:18	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			07/06/19 19:18	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			07/06/19 19:18	1
Cyclohexane	ND		1.0	0.18	ug/L			07/06/19 19:18	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			07/06/19 19:18	1
Ethylbenzene	ND		1.0	0.74	ug/L			07/06/19 19:18	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			07/06/19 19:18	1
Isopropylbenzene	ND		1.0	0.79	ug/L			07/06/19 19:18	1
Methyl acetate	ND		2.5	1.3	ug/L			07/06/19 19:18	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			07/06/19 19:18	1
Methylcyclohexane	ND		1.0	0.16	ug/L			07/06/19 19:18	1
Methylene Chloride	ND		1.0	0.44	ug/L			07/06/19 19:18	1
Styrene	ND		1.0	0.73	ug/L			07/06/19 19:18	1
Tetrachloroethene	ND		1.0	0.36	ug/L			07/06/19 19:18	1
Toluene	ND		1.0	0.51	ug/L			07/06/19 19:18	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			07/06/19 19:18	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			07/06/19 19:18	1
Trichloroethene	3.5		1.0	0.46	ug/L			07/06/19 19:18	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			07/06/19 19:18	1
Vinyl chloride	ND		1.0	0.90	ug/L			07/06/19 19:18	1
Xylenes, Total	ND		2.0	0.66	ug/L			07/06/19 19:18	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: AECOM
Project/Site: Griffin Diebold Project

Job ID: 480-155574-1

Client Sample ID: MW-10S

Lab Sample ID: 480-155574-5

Date Collected: 06/27/19 09:47

Matrix: Water

Date Received: 06/27/19 16:22

<i>Surrogate</i>	<i>%Recovery</i>	<i>Qualifier</i>	<i>Limits</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Dil Fac</i>
<i>Toluene-d8 (Surr)</i>	99		80 - 120		07/06/19 19:18	1
<i>1,2-Dichloroethane-d4 (Surr)</i>	106		77 - 120		07/06/19 19:18	1
<i>4-Bromofluorobenzene (Surr)</i>	100		73 - 120		07/06/19 19:18	1
<i>Dibromofluoromethane (Surr)</i>	101		75 - 123		07/06/19 19:18	1

Client Sample Results

Client: AECOM
Project/Site: Griffin Diebold Project

Job ID: 480-155574-1

Client Sample ID: FD-20190627

Lab Sample ID: 480-155574-6

Date Collected: 06/27/19 00:00

Matrix: Water

Date Received: 06/27/19 16:22

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			07/06/19 16:58	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			07/06/19 16:58	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			07/06/19 16:58	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			07/06/19 16:58	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			07/06/19 16:58	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			07/06/19 16:58	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			07/06/19 16:58	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			07/06/19 16:58	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			07/06/19 16:58	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			07/06/19 16:58	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			07/06/19 16:58	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			07/06/19 16:58	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			07/06/19 16:58	1
2-Butanone (MEK)	ND		10	1.3	ug/L			07/06/19 16:58	1
2-Hexanone	ND		5.0	1.2	ug/L			07/06/19 16:58	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			07/06/19 16:58	1
Acetone	ND		10	3.0	ug/L			07/06/19 16:58	1
Benzene	ND		1.0	0.41	ug/L			07/06/19 16:58	1
Bromodichloromethane	ND		1.0	0.39	ug/L			07/06/19 16:58	1
Bromoform	ND		1.0	0.26	ug/L			07/06/19 16:58	1
Bromomethane	ND		1.0	0.69	ug/L			07/06/19 16:58	1
Carbon disulfide	ND		1.0	0.19	ug/L			07/06/19 16:58	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			07/06/19 16:58	1
Chlorobenzene	ND		1.0	0.75	ug/L			07/06/19 16:58	1
Dibromochloromethane	ND		1.0	0.32	ug/L			07/06/19 16:58	1
Chloroethane	ND		1.0	0.32	ug/L			07/06/19 16:58	1
Chloroform	ND		1.0	0.34	ug/L			07/06/19 16:58	1
Chloromethane	ND		1.0	0.35	ug/L			07/06/19 16:58	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			07/06/19 16:58	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			07/06/19 16:58	1
Cyclohexane	ND		1.0	0.18	ug/L			07/06/19 16:58	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			07/06/19 16:58	1
Ethylbenzene	ND		1.0	0.74	ug/L			07/06/19 16:58	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			07/06/19 16:58	1
Isopropylbenzene	ND		1.0	0.79	ug/L			07/06/19 16:58	1
Methyl acetate	ND		2.5	1.3	ug/L			07/06/19 16:58	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			07/06/19 16:58	1
Methylcyclohexane	ND		1.0	0.16	ug/L			07/06/19 16:58	1
Methylene Chloride	ND		1.0	0.44	ug/L			07/06/19 16:58	1
Styrene	ND		1.0	0.73	ug/L			07/06/19 16:58	1
Tetrachloroethene	ND		1.0	0.36	ug/L			07/06/19 16:58	1
Toluene	ND		1.0	0.51	ug/L			07/06/19 16:58	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			07/06/19 16:58	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			07/06/19 16:58	1
Trichloroethene	4.1		1.0	0.46	ug/L			07/06/19 16:58	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			07/06/19 16:58	1
Vinyl chloride	ND		1.0	0.90	ug/L			07/06/19 16:58	1
Xylenes, Total	ND		2.0	0.66	ug/L			07/06/19 16:58	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: AECOM
Project/Site: Griffin Diebold Project

Job ID: 480-155574-1

Client Sample ID: FD-20190627

Lab Sample ID: 480-155574-6

Date Collected: 06/27/19 00:00

Matrix: Water

Date Received: 06/27/19 16:22

<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		07/06/19 16:58	1
<i>1,2-Dichloroethane-d4 (Surr)</i>	101		77 - 120		07/06/19 16:58	1
<i>4-Bromofluorobenzene (Surr)</i>	95		73 - 120		07/06/19 16:58	1
<i>Dibromofluoromethane (Surr)</i>	99		75 - 123		07/06/19 16:58	1

Client Sample Results

Client: AECOM
Project/Site: Griffin Diebold Project

Job ID: 480-155574-1

Client Sample ID: TRIP BLANK

Lab Sample ID: 480-155574-7

Date Collected: 06/27/19 00:00

Matrix: Water

Date Received: 06/27/19 16:22

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			07/03/19 13:12	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			07/03/19 13:12	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			07/03/19 13:12	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			07/03/19 13:12	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			07/03/19 13:12	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			07/03/19 13:12	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			07/03/19 13:12	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			07/03/19 13:12	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			07/03/19 13:12	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			07/03/19 13:12	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			07/03/19 13:12	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			07/03/19 13:12	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			07/03/19 13:12	1
2-Butanone (MEK)	ND		10	1.3	ug/L			07/03/19 13:12	1
2-Hexanone	ND		5.0	1.2	ug/L			07/03/19 13:12	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			07/03/19 13:12	1
Acetone	ND		10	3.0	ug/L			07/03/19 13:12	1
Benzene	ND		1.0	0.41	ug/L			07/03/19 13:12	1
Bromodichloromethane	ND		1.0	0.39	ug/L			07/03/19 13:12	1
Bromoform	ND		1.0	0.26	ug/L			07/03/19 13:12	1
Bromomethane	ND		1.0	0.69	ug/L			07/03/19 13:12	1
Carbon disulfide	ND		1.0	0.19	ug/L			07/03/19 13:12	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			07/03/19 13:12	1
Chlorobenzene	ND		1.0	0.75	ug/L			07/03/19 13:12	1
Dibromochloromethane	ND		1.0	0.32	ug/L			07/03/19 13:12	1
Chloroethane	ND		1.0	0.32	ug/L			07/03/19 13:12	1
Chloroform	ND		1.0	0.34	ug/L			07/03/19 13:12	1
Chloromethane	ND		1.0	0.35	ug/L			07/03/19 13:12	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			07/03/19 13:12	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			07/03/19 13:12	1
Cyclohexane	ND		1.0	0.18	ug/L			07/03/19 13:12	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			07/03/19 13:12	1
Ethylbenzene	ND		1.0	0.74	ug/L			07/03/19 13:12	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			07/03/19 13:12	1
Isopropylbenzene	ND		1.0	0.79	ug/L			07/03/19 13:12	1
Methyl acetate	ND		2.5	1.3	ug/L			07/03/19 13:12	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			07/03/19 13:12	1
Methylcyclohexane	ND		1.0	0.16	ug/L			07/03/19 13:12	1
Methylene Chloride	ND		1.0	0.44	ug/L			07/03/19 13:12	1
Styrene	ND		1.0	0.73	ug/L			07/03/19 13:12	1
Tetrachloroethene	ND		1.0	0.36	ug/L			07/03/19 13:12	1
Toluene	ND		1.0	0.51	ug/L			07/03/19 13:12	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			07/03/19 13:12	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			07/03/19 13:12	1
Trichloroethene	ND		1.0	0.46	ug/L			07/03/19 13:12	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			07/03/19 13:12	1
Vinyl chloride	ND		1.0	0.90	ug/L			07/03/19 13:12	1
Xylenes, Total	ND		2.0	0.66	ug/L			07/03/19 13:12	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: AECOM
Project/Site: Griffin Diebold Project

Job ID: 480-155574-1

Client Sample ID: TRIP BLANK

Lab Sample ID: 480-155574-7

Date Collected: 06/27/19 00:00

Matrix: Water

Date Received: 06/27/19 16:22

<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>	92		80 - 120		07/03/19 13:12	1
<i>1,2-Dichloroethane-d4 (Surr)</i>	89		77 - 120		07/03/19 13:12	1
<i>4-Bromofluorobenzene (Surr)</i>	97		73 - 120		07/03/19 13:12	1
<i>Dibromofluoromethane (Surr)</i>	100		75 - 123		07/03/19 13:12	1

Surrogate Summary

Client: AECOM
Project/Site: Griffin Diebold Project

Job ID: 480-155574-1

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)
480-155574-1	MW-06S	99	104	98	101
480-155574-2	MW-06D	99	106	93	97
480-155574-3	MW-07S	98	101	97	98
480-155574-4	MW-07D	99	106	97	99
480-155574-5	MW-10S	99	106	100	101
480-155574-6	FD-20190627	97	101	95	99
480-155574-7	TRIP BLANK	92	89	97	100
LCS 480-480707/5	Lab Control Sample	94	87	95	93
LCS 480-481020/5	Lab Control Sample	99	102	95	95
LCS 480-481024/5	Lab Control Sample	100	105	101	100
MB 480-480707/7	Method Blank	96	89	90	99
MB 480-481020/7	Method Blank	98	104	99	102
MB 480-481024/7	Method Blank	98	102	100	100

Surrogate Legend

TOL = Toluene-d8 (Surr)

DCA = 1,2-Dichloroethane-d4 (Surr)

BFB = 4-Bromofluorobenzene (Surr)

DBFM = Dibromofluoromethane (Surr)

QC Sample Results

Client: AECOM
Project/Site: Griffin Diebold Project

Job ID: 480-155574-1

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

Lab Sample ID: MB 480-480707/7

Matrix: Water

Analysis Batch: 480707

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			07/03/19 12:09	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			07/03/19 12:09	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			07/03/19 12:09	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			07/03/19 12:09	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			07/03/19 12:09	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			07/03/19 12:09	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			07/03/19 12:09	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			07/03/19 12:09	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			07/03/19 12:09	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			07/03/19 12:09	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			07/03/19 12:09	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			07/03/19 12:09	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			07/03/19 12:09	1
2-Butanone (MEK)	ND		10	1.3	ug/L			07/03/19 12:09	1
2-Hexanone	ND		5.0	1.2	ug/L			07/03/19 12:09	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			07/03/19 12:09	1
Acetone	ND		10	3.0	ug/L			07/03/19 12:09	1
Benzene	ND		1.0	0.41	ug/L			07/03/19 12:09	1
Bromodichloromethane	ND		1.0	0.39	ug/L			07/03/19 12:09	1
Bromoform	ND		1.0	0.26	ug/L			07/03/19 12:09	1
Bromomethane	ND		1.0	0.69	ug/L			07/03/19 12:09	1
Carbon disulfide	ND		1.0	0.19	ug/L			07/03/19 12:09	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			07/03/19 12:09	1
Chlorobenzene	ND		1.0	0.75	ug/L			07/03/19 12:09	1
Dibromochloromethane	ND		1.0	0.32	ug/L			07/03/19 12:09	1
Chloroethane	ND		1.0	0.32	ug/L			07/03/19 12:09	1
Chloroform	ND		1.0	0.34	ug/L			07/03/19 12:09	1
Chloromethane	ND		1.0	0.35	ug/L			07/03/19 12:09	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			07/03/19 12:09	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			07/03/19 12:09	1
Cyclohexane	ND		1.0	0.18	ug/L			07/03/19 12:09	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			07/03/19 12:09	1
Ethylbenzene	ND		1.0	0.74	ug/L			07/03/19 12:09	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			07/03/19 12:09	1
Isopropylbenzene	ND		1.0	0.79	ug/L			07/03/19 12:09	1
Methyl acetate	ND		2.5	1.3	ug/L			07/03/19 12:09	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			07/03/19 12:09	1
Methylcyclohexane	ND		1.0	0.16	ug/L			07/03/19 12:09	1
Methylene Chloride	0.527	J	1.0	0.44	ug/L			07/03/19 12:09	1
Styrene	ND		1.0	0.73	ug/L			07/03/19 12:09	1
Tetrachloroethene	ND		1.0	0.36	ug/L			07/03/19 12:09	1
Toluene	ND		1.0	0.51	ug/L			07/03/19 12:09	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			07/03/19 12:09	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			07/03/19 12:09	1
Trichloroethene	ND		1.0	0.46	ug/L			07/03/19 12:09	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			07/03/19 12:09	1
Vinyl chloride	ND		1.0	0.90	ug/L			07/03/19 12:09	1
Xylenes, Total	ND		2.0	0.66	ug/L			07/03/19 12:09	1

Eurofins TestAmerica, Buffalo

QC Sample Results

Client: AECOM
Project/Site: Griffin Diebold Project

Job ID: 480-155574-1

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

Lab Sample ID: MB 480-480707/7

Matrix: Water

Analysis Batch: 480707

Client Sample ID: Method Blank

Prep Type: Total/NA

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	96		80 - 120		07/03/19 12:09	1
1,2-Dichloroethane-d4 (Surr)	89		77 - 120		07/03/19 12:09	1
4-Bromofluorobenzene (Surr)	90		73 - 120		07/03/19 12:09	1
Dibromofluoromethane (Surr)	99		75 - 123		07/03/19 12:09	1

Lab Sample ID: LCS 480-480707/5

Matrix: Water

Analysis Batch: 480707

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1-Trichloroethane	25.0	23.3		ug/L		93	73 - 126
1,1,2,2-Tetrachloroethane	25.0	23.7		ug/L		95	76 - 120
1,1,2-Trichloroethane	25.0	24.4		ug/L		98	76 - 122
1,1,2-Trichloro-1,2,2-trifluoroethane	25.0	22.0		ug/L		88	61 - 148
1,1-Dichloroethane	25.0	23.1		ug/L		92	77 - 120
1,1-Dichloroethene	25.0	23.8		ug/L		95	66 - 127
1,2,4-Trichlorobenzene	25.0	23.5		ug/L		94	79 - 122
1,2-Dibromo-3-Chloropropane	25.0	22.8		ug/L		91	56 - 134
1,2-Dichlorobenzene	25.0	24.3		ug/L		97	80 - 124
1,2-Dichloroethane	25.0	21.0		ug/L		84	75 - 120
1,2-Dichloropropane	25.0	23.6		ug/L		94	76 - 120
1,3-Dichlorobenzene	25.0	24.3		ug/L		97	77 - 120
1,4-Dichlorobenzene	25.0	24.0		ug/L		96	80 - 120
2-Butanone (MEK)	125	105		ug/L		84	57 - 140
2-Hexanone	125	123		ug/L		98	65 - 127
4-Methyl-2-pentanone (MIBK)	125	116		ug/L		92	71 - 125
Acetone	125	115		ug/L		92	56 - 142
Benzene	25.0	24.3		ug/L		97	71 - 124
Bromodichloromethane	25.0	23.2		ug/L		93	80 - 122
Bromoform	25.0	26.3		ug/L		105	61 - 132
Bromomethane	25.0	23.7		ug/L		95	55 - 144
Carbon disulfide	25.0	24.2		ug/L		97	59 - 134
Carbon tetrachloride	25.0	23.4		ug/L		94	72 - 134
Chlorobenzene	25.0	23.8		ug/L		95	80 - 120
Dibromochloromethane	25.0	25.7		ug/L		103	75 - 125
Chloroethane	25.0	28.3		ug/L		113	69 - 136
Chloroform	25.0	20.1		ug/L		80	73 - 127
Chloromethane	25.0	25.9		ug/L		104	68 - 124
cis-1,2-Dichloroethene	25.0	23.5		ug/L		94	74 - 124
cis-1,3-Dichloropropene	25.0	24.6		ug/L		99	74 - 124
Cyclohexane	25.0	21.0		ug/L		84	59 - 135
Dichlorodifluoromethane	25.0	23.6		ug/L		94	59 - 135
Ethylbenzene	25.0	23.3		ug/L		93	77 - 123
1,2-Dibromoethane	25.0	23.4		ug/L		94	77 - 120
Isopropylbenzene	25.0	23.2		ug/L		93	77 - 122
Methyl acetate	50.0	41.3		ug/L		83	74 - 133
Methyl tert-butyl ether	25.0	22.6		ug/L		90	77 - 120
Methylcyclohexane	25.0	22.9		ug/L		92	68 - 134

Eurofins TestAmerica, Buffalo

QC Sample Results

Client: AECOM
Project/Site: Griffin Diebold Project

Job ID: 480-155574-1

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

Lab Sample ID: LCS 480-480707/5

Matrix: Water

Analysis Batch: 480707

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	23.0		ug/L		92	75 - 124
Styrene	25.0	25.2		ug/L		101	80 - 120
Tetrachloroethene	25.0	24.7		ug/L		99	74 - 122
Toluene	25.0	24.1		ug/L		96	80 - 122
trans-1,2-Dichloroethene	25.0	24.2		ug/L		97	73 - 127
trans-1,3-Dichloropropene	25.0	23.5		ug/L		94	80 - 120
Trichloroethene	25.0	23.7		ug/L		95	74 - 123
Trichlorofluoromethane	25.0	23.0		ug/L		92	62 - 150
Vinyl chloride	25.0	28.1		ug/L		112	65 - 133

Surrogate	LCS %Recovery	LCS Qualifier	Limits
Toluene-d8 (Surr)	94		80 - 120
1,2-Dichloroethane-d4 (Surr)	87		77 - 120
4-Bromofluorobenzene (Surr)	95		73 - 120
Dibromofluoromethane (Surr)	93		75 - 123

Lab Sample ID: MB 480-481020/7

Matrix: Water

Analysis Batch: 481020

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			07/06/19 14:18	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			07/06/19 14:18	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			07/06/19 14:18	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			07/06/19 14:18	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			07/06/19 14:18	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			07/06/19 14:18	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			07/06/19 14:18	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			07/06/19 14:18	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			07/06/19 14:18	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			07/06/19 14:18	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			07/06/19 14:18	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			07/06/19 14:18	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			07/06/19 14:18	1
2-Butanone (MEK)	ND		10	1.3	ug/L			07/06/19 14:18	1
2-Hexanone	ND		5.0	1.2	ug/L			07/06/19 14:18	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			07/06/19 14:18	1
Acetone	ND		10	3.0	ug/L			07/06/19 14:18	1
Benzene	ND		1.0	0.41	ug/L			07/06/19 14:18	1
Bromodichloromethane	ND		1.0	0.39	ug/L			07/06/19 14:18	1
Bromoform	ND		1.0	0.26	ug/L			07/06/19 14:18	1
Bromomethane	ND		1.0	0.69	ug/L			07/06/19 14:18	1
Carbon disulfide	ND		1.0	0.19	ug/L			07/06/19 14:18	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			07/06/19 14:18	1
Chlorobenzene	ND		1.0	0.75	ug/L			07/06/19 14:18	1
Dibromochloromethane	ND		1.0	0.32	ug/L			07/06/19 14:18	1
Chloroethane	ND		1.0	0.32	ug/L			07/06/19 14:18	1
Chloroform	ND		1.0	0.34	ug/L			07/06/19 14:18	1

Eurofins TestAmerica, Buffalo

QC Sample Results

Client: AECOM
Project/Site: Griffin Diebold Project

Job ID: 480-155574-1

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

Lab Sample ID: MB 480-481020/7

Matrix: Water

Analysis Batch: 481020

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloromethane	ND		1.0	0.35	ug/L			07/06/19 14:18	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			07/06/19 14:18	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			07/06/19 14:18	1
Cyclohexane	ND		1.0	0.18	ug/L			07/06/19 14:18	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			07/06/19 14:18	1
Ethylbenzene	ND		1.0	0.74	ug/L			07/06/19 14:18	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			07/06/19 14:18	1
Isopropylbenzene	ND		1.0	0.79	ug/L			07/06/19 14:18	1
Methyl acetate	ND		2.5	1.3	ug/L			07/06/19 14:18	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			07/06/19 14:18	1
Methylcyclohexane	ND		1.0	0.16	ug/L			07/06/19 14:18	1
Methylene Chloride	ND		1.0	0.44	ug/L			07/06/19 14:18	1
Styrene	ND		1.0	0.73	ug/L			07/06/19 14:18	1
Tetrachloroethene	ND		1.0	0.36	ug/L			07/06/19 14:18	1
Toluene	ND		1.0	0.51	ug/L			07/06/19 14:18	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			07/06/19 14:18	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			07/06/19 14:18	1
Trichloroethene	ND		1.0	0.46	ug/L			07/06/19 14:18	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			07/06/19 14:18	1
Vinyl chloride	ND		1.0	0.90	ug/L			07/06/19 14:18	1
Xylenes, Total	ND		2.0	0.66	ug/L			07/06/19 14:18	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	98		80 - 120		07/06/19 14:18	1
1,2-Dichloroethane-d4 (Surr)	104		77 - 120		07/06/19 14:18	1
4-Bromofluorobenzene (Surr)	99		73 - 120		07/06/19 14:18	1
Dibromofluoromethane (Surr)	102		75 - 123		07/06/19 14:18	1

Lab Sample ID: LCS 480-481020/5

Matrix: Water

Analysis Batch: 481020

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1-Trichloroethane	25.0	23.1		ug/L		92	73 - 126
1,1,2,2-Tetrachloroethane	25.0	23.9		ug/L		96	76 - 120
1,1,2-Trichloroethane	25.0	22.7		ug/L		91	76 - 122
1,1,2-Trichloro-1,2,2-trifluoroethane	25.0	24.3		ug/L		97	61 - 148
1,1-Dichloroethane	25.0	23.4		ug/L		94	77 - 120
1,1-Dichloroethene	25.0	22.5		ug/L		90	66 - 127
1,2,4-Trichlorobenzene	25.0	22.5		ug/L		90	79 - 122
1,2-Dibromo-3-Chloropropane	25.0	23.7		ug/L		95	56 - 134
1,2-Dichlorobenzene	25.0	22.9		ug/L		92	80 - 124
1,2-Dichloroethane	25.0	23.6		ug/L		94	75 - 120
1,2-Dichloropropane	25.0	24.7		ug/L		99	76 - 120
1,3-Dichlorobenzene	25.0	23.6		ug/L		94	77 - 120
1,4-Dichlorobenzene	25.0	23.2		ug/L		93	80 - 120
2-Butanone (MEK)	125	127		ug/L		102	57 - 140
2-Hexanone	125	128		ug/L		102	65 - 127

Eurofins TestAmerica, Buffalo

QC Sample Results

Client: AECOM
Project/Site: Griffin Diebold Project

Job ID: 480-155574-1

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

Lab Sample ID: LCS 480-481020/5

Matrix: Water

Analysis Batch: 481020

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
4-Methyl-2-pentanone (MIBK)	125	127		ug/L		102	71 - 125
Acetone	125	121		ug/L		97	56 - 142
Benzene	25.0	23.9		ug/L		96	71 - 124
Bromodichloromethane	25.0	23.8		ug/L		95	80 - 122
Bromoform	25.0	24.5		ug/L		98	61 - 132
Bromomethane	25.0	24.2		ug/L		97	55 - 144
Carbon disulfide	25.0	22.2		ug/L		89	59 - 134
Carbon tetrachloride	25.0	23.4		ug/L		94	72 - 134
Chlorobenzene	25.0	22.9		ug/L		92	80 - 120
Dibromochloromethane	25.0	23.1		ug/L		92	75 - 125
Chloroethane	25.0	25.7		ug/L		103	69 - 136
Chloroform	25.0	21.4		ug/L		85	73 - 127
Chloromethane	25.0	27.6		ug/L		111	68 - 124
cis-1,2-Dichloroethene	25.0	23.2		ug/L		93	74 - 124
cis-1,3-Dichloropropene	25.0	24.9		ug/L		100	74 - 124
Cyclohexane	25.0	25.4		ug/L		102	59 - 135
Dichlorodifluoromethane	25.0	28.6		ug/L		115	59 - 135
Ethylbenzene	25.0	23.2		ug/L		93	77 - 123
1,2-Dibromoethane	25.0	23.4		ug/L		94	77 - 120
Isopropylbenzene	25.0	24.2		ug/L		97	77 - 122
Methyl acetate	50.0	47.0		ug/L		94	74 - 133
Methyl tert-butyl ether	25.0	22.8		ug/L		91	77 - 120
Methylcyclohexane	25.0	24.4		ug/L		98	68 - 134
Methylene Chloride	25.0	23.0		ug/L		92	75 - 124
Styrene	25.0	23.0		ug/L		92	80 - 120
Tetrachloroethene	25.0	22.3		ug/L		89	74 - 122
Toluene	25.0	22.6		ug/L		90	80 - 122
trans-1,2-Dichloroethene	25.0	22.8		ug/L		91	73 - 127
trans-1,3-Dichloropropene	25.0	23.8		ug/L		95	80 - 120
Trichloroethene	25.0	23.6		ug/L		95	74 - 123
Trichlorofluoromethane	25.0	25.7		ug/L		103	62 - 150
Vinyl chloride	25.0	27.4		ug/L		110	65 - 133

Surrogate	LCS %Recovery	LCS Qualifier	Limits
Toluene-d8 (Surr)	99		80 - 120
1,2-Dichloroethane-d4 (Surr)	102		77 - 120
4-Bromofluorobenzene (Surr)	95		73 - 120
Dibromofluoromethane (Surr)	95		75 - 123

Lab Sample ID: MB 480-481024/7

Matrix: Water

Analysis Batch: 481024

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			07/06/19 14:36	1
1,1,1,2-Tetrachloroethane	ND		1.0	0.21	ug/L			07/06/19 14:36	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			07/06/19 14:36	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			07/06/19 14:36	1

Eurofins TestAmerica, Buffalo

QC Sample Results

Client: AECOM
Project/Site: Griffin Diebold Project

Job ID: 480-155574-1

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

Lab Sample ID: MB 480-481024/7

Matrix: Water

Analysis Batch: 481024

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	ND		1.0	0.38	ug/L			07/06/19 14:36	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			07/06/19 14:36	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			07/06/19 14:36	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			07/06/19 14:36	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			07/06/19 14:36	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			07/06/19 14:36	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			07/06/19 14:36	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			07/06/19 14:36	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			07/06/19 14:36	1
2-Butanone (MEK)	ND		10	1.3	ug/L			07/06/19 14:36	1
2-Hexanone	ND		5.0	1.2	ug/L			07/06/19 14:36	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			07/06/19 14:36	1
Acetone	ND		10	3.0	ug/L			07/06/19 14:36	1
Benzene	ND		1.0	0.41	ug/L			07/06/19 14:36	1
Bromodichloromethane	ND		1.0	0.39	ug/L			07/06/19 14:36	1
Bromoform	ND		1.0	0.26	ug/L			07/06/19 14:36	1
Bromomethane	ND		1.0	0.69	ug/L			07/06/19 14:36	1
Carbon disulfide	ND		1.0	0.19	ug/L			07/06/19 14:36	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			07/06/19 14:36	1
Chlorobenzene	ND		1.0	0.75	ug/L			07/06/19 14:36	1
Dibromochloromethane	ND		1.0	0.32	ug/L			07/06/19 14:36	1
Chloroethane	ND		1.0	0.32	ug/L			07/06/19 14:36	1
Chloroform	ND		1.0	0.34	ug/L			07/06/19 14:36	1
Chloromethane	ND		1.0	0.35	ug/L			07/06/19 14:36	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			07/06/19 14:36	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			07/06/19 14:36	1
Cyclohexane	ND		1.0	0.18	ug/L			07/06/19 14:36	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			07/06/19 14:36	1
Ethylbenzene	ND		1.0	0.74	ug/L			07/06/19 14:36	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			07/06/19 14:36	1
Isopropylbenzene	ND		1.0	0.79	ug/L			07/06/19 14:36	1
Methyl acetate	ND		2.5	1.3	ug/L			07/06/19 14:36	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			07/06/19 14:36	1
Methylcyclohexane	ND		1.0	0.16	ug/L			07/06/19 14:36	1
Methylene Chloride	ND		1.0	0.44	ug/L			07/06/19 14:36	1
Styrene	ND		1.0	0.73	ug/L			07/06/19 14:36	1
Tetrachloroethene	ND		1.0	0.36	ug/L			07/06/19 14:36	1
Toluene	ND		1.0	0.51	ug/L			07/06/19 14:36	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			07/06/19 14:36	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			07/06/19 14:36	1
Trichloroethene	ND		1.0	0.46	ug/L			07/06/19 14:36	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			07/06/19 14:36	1
Vinyl chloride	ND		1.0	0.90	ug/L			07/06/19 14:36	1
Xylenes, Total	ND		2.0	0.66	ug/L			07/06/19 14:36	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	98		80 - 120		07/06/19 14:36	1
1,2-Dichloroethane-d4 (Surr)	102		77 - 120		07/06/19 14:36	1

Eurofins TestAmerica, Buffalo

QC Sample Results

Client: AECOM
Project/Site: Griffin Diebold Project

Job ID: 480-155574-1

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

Lab Sample ID: MB 480-481024/7

Matrix: Water

Analysis Batch: 481024

Client Sample ID: Method Blank

Prep Type: Total/NA

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	100		73 - 120		07/06/19 14:36	1
Dibromofluoromethane (Surr)	100		75 - 123		07/06/19 14:36	1

Lab Sample ID: LCS 480-481024/5

Matrix: Water

Analysis Batch: 481024

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	26.9		ug/L		108	76 - 120
1,1,2-Trichloroethane	25.0	25.1		ug/L		100	76 - 122
1,1,2-Trichloro-1,2,2-trifluoroethane	25.0	24.2		ug/L		97	61 - 148
1,1-Dichloroethane	25.0	23.8		ug/L		95	77 - 120
1,1-Dichloroethene	25.0	23.9		ug/L		96	66 - 127
1,2,4-Trichlorobenzene	25.0	24.0		ug/L		96	79 - 122
1,2-Dibromo-3-Chloropropane	25.0	24.1		ug/L		97	56 - 134
1,2-Dichlorobenzene	25.0	23.6		ug/L		95	80 - 124
1,2-Dichloroethane	25.0	24.9		ug/L		100	75 - 120
1,2-Dichloropropane	25.0	25.0		ug/L		100	76 - 120
1,3-Dichlorobenzene	25.0	24.1		ug/L		97	77 - 120
1,4-Dichlorobenzene	25.0	24.3		ug/L		97	80 - 120
2-Butanone (MEK)	125	134		ug/L		107	57 - 140
2-Hexanone	125	125		ug/L		100	65 - 127
4-Methyl-2-pentanone (MIBK)	125	130		ug/L		104	71 - 125
Acetone	125	144		ug/L		115	56 - 142
Benzene	25.0	24.7		ug/L		99	71 - 124
Bromodichloromethane	25.0	24.8		ug/L		99	80 - 122
Bromoform	25.0	24.7		ug/L		99	61 - 132
Bromomethane	25.0	26.5		ug/L		106	55 - 144
Carbon disulfide	25.0	23.3		ug/L		93	59 - 134
Carbon tetrachloride	25.0	24.3		ug/L		97	72 - 134
Chlorobenzene	25.0	24.3		ug/L		97	80 - 120
Dibromochloromethane	25.0	24.5		ug/L		98	75 - 125
Chloroethane	25.0	23.9		ug/L		96	69 - 136
Chloroform	25.0	23.4		ug/L		93	73 - 127
Chloromethane	25.0	24.0		ug/L		96	68 - 124
cis-1,2-Dichloroethene	25.0	23.0		ug/L		92	74 - 124
cis-1,3-Dichloropropene	25.0	26.0		ug/L		104	74 - 124
Cyclohexane	25.0	23.2		ug/L		93	59 - 135
Dichlorodifluoromethane	25.0	27.7		ug/L		111	59 - 135
Ethylbenzene	25.0	23.9		ug/L		95	77 - 123
1,2-Dibromoethane	25.0	24.4		ug/L		98	77 - 120
Isopropylbenzene	25.0	24.5		ug/L		98	77 - 122
Methyl acetate	50.0	50.8		ug/L		102	74 - 133
Methyl tert-butyl ether	25.0	23.2		ug/L		93	77 - 120
Methylcyclohexane	25.0	24.4		ug/L		97	68 - 134
Methylene Chloride	25.0	23.9		ug/L		95	75 - 124
Styrene	25.0	23.6		ug/L		94	80 - 120

Eurofins TestAmerica, Buffalo

QC Sample Results

Client: AECOM
Project/Site: Griffin Diebold Project

Job ID: 480-155574-1

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

Lab Sample ID: LCS 480-481024/5

Matrix: Water

Analysis Batch: 481024

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Tetrachloroethene	25.0	24.9		ug/L		99	74 - 122
Toluene	25.0	24.4		ug/L		98	80 - 122
trans-1,2-Dichloroethene	25.0	23.3		ug/L		93	73 - 127
trans-1,3-Dichloropropene	25.0	25.8		ug/L		103	80 - 120
Trichloroethene	25.0	24.7		ug/L		99	74 - 123
Trichlorofluoromethane	25.0	27.7		ug/L		111	62 - 150
Vinyl chloride	25.0	25.4		ug/L		102	65 - 133

Surrogate	LCS %Recovery	LCS Qualifier	Limits
Toluene-d8 (Surr)	100		80 - 120
1,2-Dichloroethane-d4 (Surr)	105		77 - 120
4-Bromofluorobenzene (Surr)	101		73 - 120
Dibromofluoromethane (Surr)	100		75 - 123

QC Association Summary

Client: AECOM
Project/Site: Griffin Diebold Project

Job ID: 480-155574-1

GC/MS VOA

Analysis Batch: 480707

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-155574-7	TRIP BLANK	Total/NA	Water	8260C	
MB 480-480707/7	Method Blank	Total/NA	Water	8260C	
LCS 480-480707/5	Lab Control Sample	Total/NA	Water	8260C	

Analysis Batch: 481020

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-155574-1	MW-06S	Total/NA	Water	8260C	
480-155574-2	MW-06D	Total/NA	Water	8260C	
480-155574-3	MW-07S	Total/NA	Water	8260C	
480-155574-4	MW-07D	Total/NA	Water	8260C	
480-155574-5	MW-10S	Total/NA	Water	8260C	
MB 480-481020/7	Method Blank	Total/NA	Water	8260C	
LCS 480-481020/5	Lab Control Sample	Total/NA	Water	8260C	

Analysis Batch: 481024

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-155574-6	FD-20190627	Total/NA	Water	8260C	
MB 480-481024/7	Method Blank	Total/NA	Water	8260C	
LCS 480-481024/5	Lab Control Sample	Total/NA	Water	8260C	

Lab Chronicle

Client: AECOM
Project/Site: Griffin Diebold Project

Job ID: 480-155574-1

Client Sample ID: MW-06S

Date Collected: 06/27/19 10:52

Date Received: 06/27/19 16:22

Lab Sample ID: 480-155574-1

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	481020	07/06/19 17:46	AMM	TAL BUF

Client Sample ID: MW-06D

Date Collected: 06/27/19 11:28

Date Received: 06/27/19 16:22

Lab Sample ID: 480-155574-2

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	481020	07/06/19 18:09	AMM	TAL BUF

Client Sample ID: MW-07S

Date Collected: 06/27/19 12:45

Date Received: 06/27/19 16:22

Lab Sample ID: 480-155574-3

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	481020	07/06/19 18:32	AMM	TAL BUF

Client Sample ID: MW-07D

Date Collected: 06/27/19 13:25

Date Received: 06/27/19 16:22

Lab Sample ID: 480-155574-4

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	481020	07/06/19 18:55	AMM	TAL BUF

Client Sample ID: MW-10S

Date Collected: 06/27/19 09:47

Date Received: 06/27/19 16:22

Lab Sample ID: 480-155574-5

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	481020	07/06/19 19:18	AMM	TAL BUF

Client Sample ID: FD-20190627

Date Collected: 06/27/19 00:00

Date Received: 06/27/19 16:22

Lab Sample ID: 480-155574-6

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	481024	07/06/19 16:58	KMN	TAL BUF

Client Sample ID: TRIP BLANK

Date Collected: 06/27/19 00:00

Date Received: 06/27/19 16:22

Lab Sample ID: 480-155574-7

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	480707	07/03/19 13:12	AEM	TAL BUF

Laboratory References:

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

Eurofins TestAmerica, Buffalo

Accreditation/Certification Summary

Client: AECOM
Project/Site: Griffin Diebold Project

Job ID: 480-155574-1

Laboratory: Eurofins TestAmerica, Buffalo

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

Authority	Program	EPA Region	Identification Number	Expiration Date
New York	NELAP	2	10026	03-31-20

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

Method Summary

Client: AECOM
Project/Site: Griffin Diebold Project

Job ID: 480-155574-1

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: AECOM

Project/Site: Griffin Diebold Project

Job ID: 480-155574-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Asset ID
480-155574-1	MW-06S	Water	06/27/19 10:52	06/27/19 16:22	
480-155574-2	MW-06D	Water	06/27/19 11:28	06/27/19 16:22	
480-155574-3	MW-07S	Water	06/27/19 12:45	06/27/19 16:22	
480-155574-4	MW-07D	Water	06/27/19 13:25	06/27/19 16:22	
480-155574-5	MW-10S	Water	06/27/19 09:47	06/27/19 16:22	
480-155574-6	FD-20190627	Water	06/27/19 00:00	06/27/19 16:22	
480-155574-7	TRIP BLANK	Water	06/27/19 00:00	06/27/19 16:22	

Chain of Custody Record

Client Information		Sampler: <i>Karen J. McGovern</i>		Lab PM: <i>Devo, Melissa L</i>	Carrier Tracking No(s):	COC No: 480-132096-29802.1		
Client Contact: George Kisiuk		Phone: <i>716-923-1107</i>		E-Mail: <i>melissa.devo@testamericainc.com</i>		Page: Page 1 of 1		
Company: AECOM		Job #:						
Address: 257 West Genesee Street Suite 400		Analysis Requested						
City: Buffalo		Due Date Requested:						
State, Zip: NY, 14202-2657		TAT Requested (days):						
Phone: <i>716-923-1321</i>		PO #: 60552483.1						
Email: <i>george.kisiuk@aecom.com</i>		WO #: <i>48020462</i>						
Project Name: Griffin Diebold Project		Project #: 48020462						
Site:		SSOW#:						
Sample Identification		Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=wastefluid, BT=tissue, A=air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8260C - TCL VOCs + TICs
<i>MW-065</i>	<i>6/27/19</i>	<i>10:52</i>	<i>G</i>		Water	<i>Y</i>	<i>N</i>	<i>3</i>
<i>MW-067</i>		<i>11:28</i>			Water			
<i>MW-075</i>		<i>12:45</i>			Water			
<i>MW-077</i>		<i>13:25</i>			Water			
<i>MW-105</i>		<i>09:47</i>			Water			
<i>FD-20190687</i>					Water			
<i>Tap Water</i>					Water			
Special Instructions/Note:		Total Number of containers						
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 Dodecalhydrate U - Acetone V - MCAA W - pH 4-5 Z - other (specify)						
Other:								
Barcode: 480-155574 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)		Special Instructions/QC Requirements:						
Empty Kit Relinquished by:		<input type="checkbox"/> Return To Client <input type="checkbox"/> Disposal By Lab <input type="checkbox"/> Archive For Months						
Relinquished by: <i>[Signature]</i>		Date: <i>6/27/19</i> - <i>16:23</i>						
Relinquished by:		Date/Time:						
Relinquished by:		Date/Time:						
Custody Seal No.:		Cooler Temperature(s) °C and Other Remarks: <i>2-1 #1</i>						

Login Sample Receipt Checklist

Client: AECOM

Job Number: 480-155574-1

Login Number: 155574

List Source: Eurofins TestAmerica, Buffalo

List Number: 1

Creator: Harper, Marcus 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	
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	AEC
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	

ATTACHMENT D

2021 Biennial Groundwater Sampling Letter Report



January 7, 2022

Mr. Todd M. Caffoe, P.E.
New York State Department of Environmental Conservation
Division of Environmental Remediation, Region 8
6274 East Avon-Lima Road
Avon, New York 14414-9519

**RE: 2021 Biennial Groundwater Sampling Letter Report
Former Griffin Technology Facility (Site No. 835008)
Farmington, New York**

Dear Mr. Caffoe:

On behalf of Diebold, Inc. (Diebold), AECOM USA, Inc. [(AECOM) – formerly URS Corporation (URS)] has prepared this Biennial Groundwater Sampling Letter Report to summarize field activities as part of the groundwater sampling effort performed in December 2021, in the vicinity of the former Griffin Technology Facility (Site) located in Farmington, New York (Figure 1).

Background

On-Site

The former Griffin Technology facility (Site) is approximately 3.74 acres located at 6132 Victor-Manchester Road in the Town of Farmington, Ontario County (see Figure 1). Griffin Technology manufactured laminated plastic identification cards at the Site from 1975 until the mid-1990s. The manufacturing process generated a small amount of trichloroethene (TCE) waste. From 1975 until 1986, these wastes were disposed of in small batches directly onto the ground surface immediately to the west of the building. The facility has been vacant since the 1990s. Subsequent investigations indicated that there were no significant levels of contamination on-site, however, TCE-impacted groundwater was present on the western side of the on-site building, with some contaminant migration off-site to the southwest.

S & W Redevelopment of North America, LLC (SWRNA) acquired the property in 2007, and implemented an in-situ chemical oxidation (ISCO) groundwater remediation strategy that included the injection of potassium permanganate into the groundwater at and near the source of the contamination to break down and extinguish chlorinated solvent contamination. The initial ISCO treatment occurred in 2008 and was completed in approximately six months. Since the initial ISCO application, there have been several additional ISCO injection and emulsified vegetable oil (EVO) applications in the source area to further reduce groundwater contamination, with the latest injection rounds occurring in the spring and fall of 2016. Overall, SWRNA's groundwater remediation was successful in remediating the groundwater at and in the vicinity of the source and in 2009, SWRNA received a Certificate of Completion under New York State's Brownfield Cleanup Program for the Site. The NYSDEC is still evaluating the effectiveness of the on-site remedy. In the meantime, groundwater is being monitored on a periodic basis. In 2012, SWRNA sold the property to ARFCOM Holdings, LLC, who later sold it to its current owner (Case Realty 6132, LLC) in 2018. The current owner is reportedly in bankruptcy negotiations.

Off-Site

In 1995, Griffin Technology was purchased by Diebold, Inc. (Diebold). Under the terms of the Order on Consent (Index #B8-0315-90-01) negotiated with the New York State Department of Environmental Conservation (NYSDEC), Diebold was obligated to perform off-site groundwater monitoring, and off-site soil vapor



One John James Audubon Parkway, Suite 210
Amherst, New York 14228
Tel: 716.856.5636
Fax: 716.856.2545

monitoring at 6179 Victor-Manchester Road, which is immediately south/southwest of the Site and is currently owned by Farmington Center LLC. On behalf of Diebold, URS completed the off-site groundwater monitoring and off-site soil vapor monitoring fieldwork in August 2009 and submitted the final report in July 2010 (URS, 2010). In a letter dated September 29, 2010, the NYSDEC approved the report and recommendation for no further action with respect to soil vapor.

Under the terms of the Order on Consent, Diebold is required to continue biennial groundwater monitoring of five remaining off-site monitoring wells in accordance with an Operation, Maintenance and Monitoring (OM&M) Plan. The OM&M Plan was approved in June 2011 and has been implemented since by AECOM on behalf of Diebold.

In the 2014 *Supplemental Groundwater Sampling Letter Report* (URS, 2015), URS recommended the decommissioning off-site monitoring wells MW-09S, MW-09D, MW-10S, MW-10D, and MW-11D based on analyses of the data from the 2013 and 2014 sampling events. Subsequent communications between the NYSDEC and Diebold/URS resulted in the agreement to repair MW-10S; decommission MW-09S, MW-09D, MW-10D and MW-11D; and collect supplemental groundwater samples from MW-06S and MW-07S for volatile organic compound (VOC) analyses. These activities were performed in June 2016, and discussions of their execution and data evaluation were presented in the 2016 Periodic Review Report (PRR) (URS, 2017a). The following changes to the *Operations and Monitoring Plan for Annual Offsite Groundwater Monitoring* (O&M Plan) were recommended in the 2016 PRR:

- Conduct groundwater sampling of the remaining off-site wells (i.e., MW-06S, MW-06D, MW-07S, MW-07D and MW-10S) on a biennial basis, beginning in summer 2017.
- Generate biennial PRRs using the data from the aforementioned groundwater sampling.

The summer 2017 sampling event occurred on September 13, 2017 and discussions of its execution and data evaluation were presented in the 2017 Biennial Groundwater Sampling Letter Report (URS, 2017b). In the report, URS concluded that the TCE concentration trends show an overall decrease since 1994. URS recommended an additional round of sampling in summer 2019 to confirm this trend.

The summer 2019 sampling event occurred on June 27, 2019 and discussions of its execution and data evaluation were presented in the 2019 Biennial Groundwater Sampling Letter Report (URS, 2019). In the report, URS concluded that the TCE concentration trends show an overall decrease since 1994. URS recommended suspending groundwater sampling at monitoring well MW-10S but continue to collect depth to water data at this location during monitoring events, and that the PRR will be prepared in accordance with NYSDEC's Division of Environmental Remediation (DER-10) Technical Guidance for Site Investigation and Remediation (NYSDEC, 2010), which will summarize sampling data collected to date. An additional round of sampling was recommended in summer 2021 to confirm the aforementioned TCE trends.

The Fall 2021 field work, which represents the third biennial monitoring event, was performed on December 6, 2021, and included collecting water levels and groundwater samples from the five remaining off-site monitoring wells in accordance with the O&M Plan.

The data generated from the December 2021 field work are discussed below.

Groundwater Levels and Flow Direction

The water level measurements obtained from the December 6, 2021 monitoring event are provided in Table 1. Figure 2 shows the corresponding shallow groundwater potentiometric surface based on the measurements from the three shallow wells. The data show that groundwater flow in the overburden is to the south-southwest towards Beaver Creek. This is consistent with the groundwater flow direction observed during prior sampling events.

In December 2021, horizontal gradients in the overburden were approximately 0.024 foot/foot. The vertical gradient is downward in monitoring well pair MW-07S/D and there was a very slight upward vertical gradient in monitoring well pair MW-06S/D.

Sampling, Analysis and Data Usability

On December 6, 2021, AECOM collected groundwater samples from the monitoring wells (MW-06S, MW-06D, MW-07S, MW-07D, and MW-10S) plus quality assurance/quality control (QA/QC) duplicate sample and matrix spike/duplicate sample. All monitoring wells were found to be appropriately sealed and in good condition without any need for maintenance. Prior to sample collection, water was purged from each well with a peristaltic pump for shallow wells and a bladder pump for deep wells. Dedicated/disposable high-density polyethylene tubing was used at each well. During the well purging, water quality parameters (pH, temperature, specific conductivity, dissolved oxygen, turbidity, and oxidation reduction potential) were measured utilizing a flow-through cell. The wells were purged at a rate of 1-liter per minute or less and the purge rate was adjusted to prevent the water level in the well from dropping more than 0.3 feet from the static water level. Each well was purged until the water quality parameters stabilized for a minimum of three readings. Low Flow Purge Logs can be found in Attachment 1.

Groundwater samples were transported under chain-of-custody control to Eurofins TestAmerica Laboratories, Inc., located in Amherst, New York, for the analysis of volatile organic compounds (VOCs) by United States Environmental Protection Agency (USEPA) Method 8260C. AECOM validated the analytical results and prepared a Data Usability Summary Report (DUSR). No data qualifications were made, and all data are usable as reported. The complete validated analytical results are presented in the DUSR in Attachment 2.

Analytical Summary/ Contamination Assessment

The validated groundwater analytical results are summarized in Table 2 and shown in Figure 2. VOCs are compared to NYSDEC Division of Water Technical and Operational Guidance Series (TOGS) No. 1.1.1 Class GA groundwater criteria. Exceedances of the groundwater criteria are indicated with an oval. The following is a summary of the analytical results:

- TCE was detected at concentrations exceeding its Class GA groundwater standard (5 micrograms per liter [$\mu\text{g/L}$]) in the samples collected from MW-06S (21 $\mu\text{g/L}$), MW-06D (34 $\mu\text{g/L}$), MW-07S (28 $\mu\text{g/L}$) and MW-10S (7.3 $\mu\text{g/L}$).
- Cis-1,2-dichloroethene (DCE) was detected at concentrations exceeding its Class GA groundwater standard (5 $\mu\text{g/L}$) in the samples collected from MW-06S (11 $\mu\text{g/L}$) and MW-06D (7 $\mu\text{g/L}$).
- Vinyl Chloride (VC) was detected at concentrations exceeding its Class GA groundwater standard (2 $\mu\text{g/L}$) in the samples collected from MW-06S (2.2 $\mu\text{g/L}$) and MW-06D (2.2 $\mu\text{g/L}$).
- No other compounds were detected at concentrations exceeding their Class GA groundwater criteria.

TCE is the primary contaminant in the off-site monitoring wells. Figure 3 displays a graphic trend analysis of TCE concentrations in these wells during the period of 1994 to 2021. Figure 4 depicts the VOCs detected above New York State Class GA groundwater standards over the last several sampling rounds. The trends show an overall decrease in TCE concentrations since 1994, with the following exceptions:

- The December 2021 TCE concentration in MW-06D is higher than previous results in 2019.
- The December 2021 TCE concentration in MW-10S is slightly above its standard for the first time since 2015.
- All other December 2021 results are lower than the previous event.

A Mann-Kendall trend analysis was performed on the historical VOC concentrations for the period of 1994 to 2021. The trend analysis is presented in Table 3 and shows the following:

- In MW-06S and MW-06D, there are upward trends for cis-1,2-DCE and VC.
- In MW-07D, there is a downward trend of 1,1,1-trichloroethane and an upward trend of cis-1,2-DCE.
- In MW-07S, there is a downward trend of cis-1,2-DCE.
- In MW-10S, no other trends were present.

Conclusions

The south-southwest direction of groundwater flow at the Site has remained consistent since 2009.

The only VOCs detected at concentrations exceeding their standards were TCE, cis-1,2-DCE and VC. The Mann-Kendall analysis shows an upward trend in concentrations of cis-1,2-DCE which is likely due to reductive dechlorination of TCE, although the magnitude of increase is relatively small. The TCE concentration trends show an overall decrease since 1994.

Recommendations

Because groundwater analytical results from samples collected from monitoring wells in the off-site downgradient area do not meet New York State Class GA standards, no changes to the current monitoring requirements are recommended at this time. AECOM recommends an additional round of sampling in summer 2023 to confirm the observed trends and that the PRR be prepared in accordance with DER-10 (NYSDEC, 2010).

References

- NYSDEC, 2010. *DER-10 / Technical Guidance for Site Investigation and Remediation*. May 3.
- URS, 2010. *Soil Vapor Intrusion Study/ Groundwater Sampling Letter Report, Former Griffin Technology Facility, Farmington, New York*. July
- URS, 2015. *Supplemental Groundwater Sampling Letter Report, Former Griffin Technology Facility, Farmington, New York*. January
- URS, 2017a. *Periodic Review Report 2016, Former Griffin Technology Facility, Farmington, New York*. March
- URS, 2017b. *2017 Biennial Groundwater Sampling Letter Report, Former Griffin Technology Facility (Site No. 835008), Farmington, New York*. November
- URS, 2019. *2019 Biennial Groundwater Sampling Letter Report, Former Griffin Technology Facility (Site No. 835008), Farmington, New York*. September

The following tables, figures and attachments are included as part of this field investigation letter report:

Tables

Table 1	Groundwater Elevations – December 6, 2021
Table 2	Groundwater Analytical Results (Detected Compounds Only)
Table 3	Groundwater Analytical Result Trends (Detected VOCs Only)

Figures

Figure 1	Site Location
Figure 2	2021 Groundwater Sample Results Exceeding Criteria and Shallow Groundwater Potentiometric Surface
Figure 3	Trichloroethene Trends (Existing Wells)
Figure 4	Historical Groundwater Sampling Results

Attachments

Attachment 1	Purge Logs
Attachment 2	Data Usability Summary Report and Complete Analytical Report

Please contact me at 716-856-5636 if you have any questions or comments.

Sincerely,



AECOM USA, Inc.
Michael Gutmann, PG
Sr. Project Manager

cc: File: 13816402 (R-1)
Daniel G. Fousek, Diebold, Inc.
Jeff Reinmann, Diebold, Inc.
Ms. Wendlene M. Lavey, Esq., McMahon DeGulis LLP
Kevin J. McGovern, PG, CHMM (AECOM)

TABLES

TABLE 1
GROUNDWATER ELEVATIONS
DECEMBER 6, 2021
FORMER GRIFFIN TECHNOLOGY FACILITY - OFF-SITE AREA
FARMINGTON, NEW YORK

Well ID	Top of Casing Elevation (ft. amsl)	Depth to Groundwater (ft. from Top of Casing)	Groundwater Elevation (ft. amsl)
MW-06S	636.61	5.70	630.91
MW-06D	636.83	5.95	630.88
MW-07S	634.29	5.25	629.04
MW-07D	634.16	30.92	603.24
MW-10S	629.00	13.83	615.17

ft. = feet

amsl = above mean sea level

TABLE 2
GROUNDWATER ANALYTICAL RESULTS (DETECTED COMPOUNDS ONLY)
DECEMBER 2021 SAMPLING EVENT
FORMER GRIFFIN TECHNOLOGY FACILITY SITE

Location ID			MW-06D	MW-06D	MW-06S	MW-07D	MW-07S
Sample ID			FD-120621	MW-06D	MW-06S	MW-07D	MW-07S
Matrix			Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Depth Interval (ft)			-	-	-	-	-
Date Sampled			12/06/21	12/06/21	12/06/21	12/06/21	12/06/21
Parameter	Units	Criteria*	Field Duplicate (1-1)				
Volatile Organic Compounds							
1,1-Dichloroethane	UG/L	5	0.98 J	0.93 J	0.80 J		
1,2-Dichloroethene (cis)	UG/L	5	7.0	7.0	11	5.0	2.2
Trichloroethene	UG/L	5	33	34	21	4.3	28
Vinyl chloride	UG/L	2	2.2	2.1	2.2		

*Criteria- NYSDEC TOGS (1.1.1), Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations. June 1998 (includes 4/2000 and 6/2004 Addenda) Class GA.

Flags assigned during chemistry validation are shown.



Concentration Exceeds Criteria

J - The reported concentration is an estimated value. Blank Cell - Not Detected.

Only Detected Results Reported.

TABLE 2
GROUNDWATER ANALYTICAL RESULTS (DETECTED COMPOUNDS ONLY)
DECEMBER 2021 SAMPLING EVENT
FORMER GRIFFIN TECHNOLOGY FACILITY SITE

Location ID			MW-10S
Sample ID			MW-10S
Matrix			Groundwater
Depth Interval (ft)			-
Date Sampled			12/06/21
Parameter	Units	Criteria*	
Volatile Organic Compounds			
1,1-Dichloroethane	UG/L	5	
1,2-Dichloroethene (cis)	UG/L	5	
Trichloroethene	UG/L	5	7.3
Vinyl chloride	UG/L	2	

*Criteria- NYSDEC TOGS (1.1.1), Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations. June 1998 (includes 4/2000 and 6/2004 Addenda) Class GA.

Flags assigned during chemistry validation are shown.



Concentration Exceeds Criteria

J - The reported concentration is an estimated value. Blank Cell - Not Detected.

Only Detected Results Reported.

TABLE 3
GROUNDWATER SAMPLING ANALYTICAL RESULT TRENDS (DETECTED VOCS ONLY)
FORMER GRIFFIN TECHNOLOGY FACILITY SITE

LOCID: MW-06D

Parameter	Matrix	Class	Num of Data Points	Num of Data Point Detections	Mann-Kendall Statistic S	Probabilities (1)	Trend (2)
1,1,1-Trichloroethane	WG	VOA	20	16	-118	No Value	
1,1-Dichloroethane	WG	VOA	5	2	6	0.117	No Trend
1,2-Dichloroethene (cis)	WG	VOA	20	10	62	0.023	Upward Trend
Acetone	WG	VOA	20	2	16	0.315	No Trend
Trichloroethene	WG	VOA	20	19	-119	No Value	
Vinyl chloride	WG	VOA	20	3	51	0.056	Upward Trend

LOCID: MW-06S

Parameter	Matrix	Class	Num of Data Points	Num of Data Point Detections	Mann-Kendall Statistic S	Probabilities (1)	Trend (2)
1,1,1-Trichloroethane	WG	VOA	21	13	-49	0.079	Downward Trend
1,1-Dichloroethane	WG	VOA	6	2	8	0.136	No Trend
1,2-Dichloroethene (cis)	WG	VOA	21	9	65	0.028	Upward Trend
Trichloroethene	WG	VOA	21	17	-19	0.306	No Trend
Vinyl chloride	WG	VOA	21	3	54	0.055	Upward Trend

LOCID: MW-07D

Parameter	Matrix	Class	Num of Data Points	Num of Data Point Detections	Mann-Kendall Statistic S	Probabilities (1)	Trend (2)
1,1,1-Trichloroethane	WG	VOA	20	6	-71	0.012	Downward Trend
1,1-Dichloroethene	WG	VOA	5	1	0	0.592	No Trend
1,2-Dichloroethene (cis)	WG	VOA	20	20	62	0.023	Upward Trend
Acetone	WG	VOA	20	1	15	0.339	No Trend
Trichloroethene	WG	VOA	20	20	-139	No Value	
Vinyl chloride	WG	VOA	20	7	22	0.25	No Trend

LOCID: MW-07S

Parameter	Matrix	Class	Num of Data Points	Num of Data Point Detections	Mann-Kendall Statistic S	Probabilities (1)	Trend (2)
1,1,1-Trichloroethane	WG	VOA	21	15	-120	No Value	
1,2-Dichloroethene (cis)	WG	VOA	21	18	-66	0.024	Downward Trend
Acetone	WG	VOA	21	2	35	0.162	No Trend
Trichloroethene	WG	VOA	21	20	-142	No Value	

For multiple observations per time period, the Mann-Kendall test to the median was used.

Data reported as less than the detection limit were used by assigning a common value to the data that was smaller than the smallest measurement in the data set.

(1) - Probabilities for Mann-Kendall Nonparametric Test for Trend (Gilbert R.O. 1987, Table A18).

(2) - Assuming a probability of error of 10% in the analysis method and or data, then the probability of no trend as calculated by the Mann-Kendall statistic is less than 10%, then it is assumed that there is a trend.

* - Number of observations too small to calculate probabilities.

** - Probability Undefined for S=0 and N=6, 7, 10, 11, 14, 15, 18, 19, 22, 23, 26, 27, 30, 31, 34, or 35.

TABLE 3
GROUNDWATER SAMPLING ANALYTICAL RESULT TRENDS (DETECTED VOCS ONLY)
FORMER GRIFFIN TECHNOLOGY FACILITY SITE

LOCID: MW-10S

Parameter	Matrix	Class	Num of Data Points	Num of Data Point Detections	Mann-Kendall Statistic S	Probabilities (1)	Trend (2)
1,1,1-Trichloroethane	WG	VOA	20	1	-17	0.315	No Trend
1,2-Dibromo-3-chloropropane	WG	VOA	6	1	1	0.5	No Trend
1,2-Dichloroethene (cis)	WG	VOA	20	1	13	0.362	No Trend
Trichloroethene	WG	VOA	20	15	-20	0.271	No Trend

For multiple observations per time period, the Mann-Kendall test to the median was used.

Data reported as less than the detection limit were used by assigning a common value to the data that was smaller than the smallest measurement in the data set.

(1) - Probabilities for Mann-Kendall Nonparametric Test for Trend (Gilbert R.O. 1987, Table A18).

(2) - Assuming a probability of error of 10% in the analysis method and or data, then the probability of no trend as calculated by the Mann-Kendall statistic is less than 10%, then it is assumed that there is a trend.

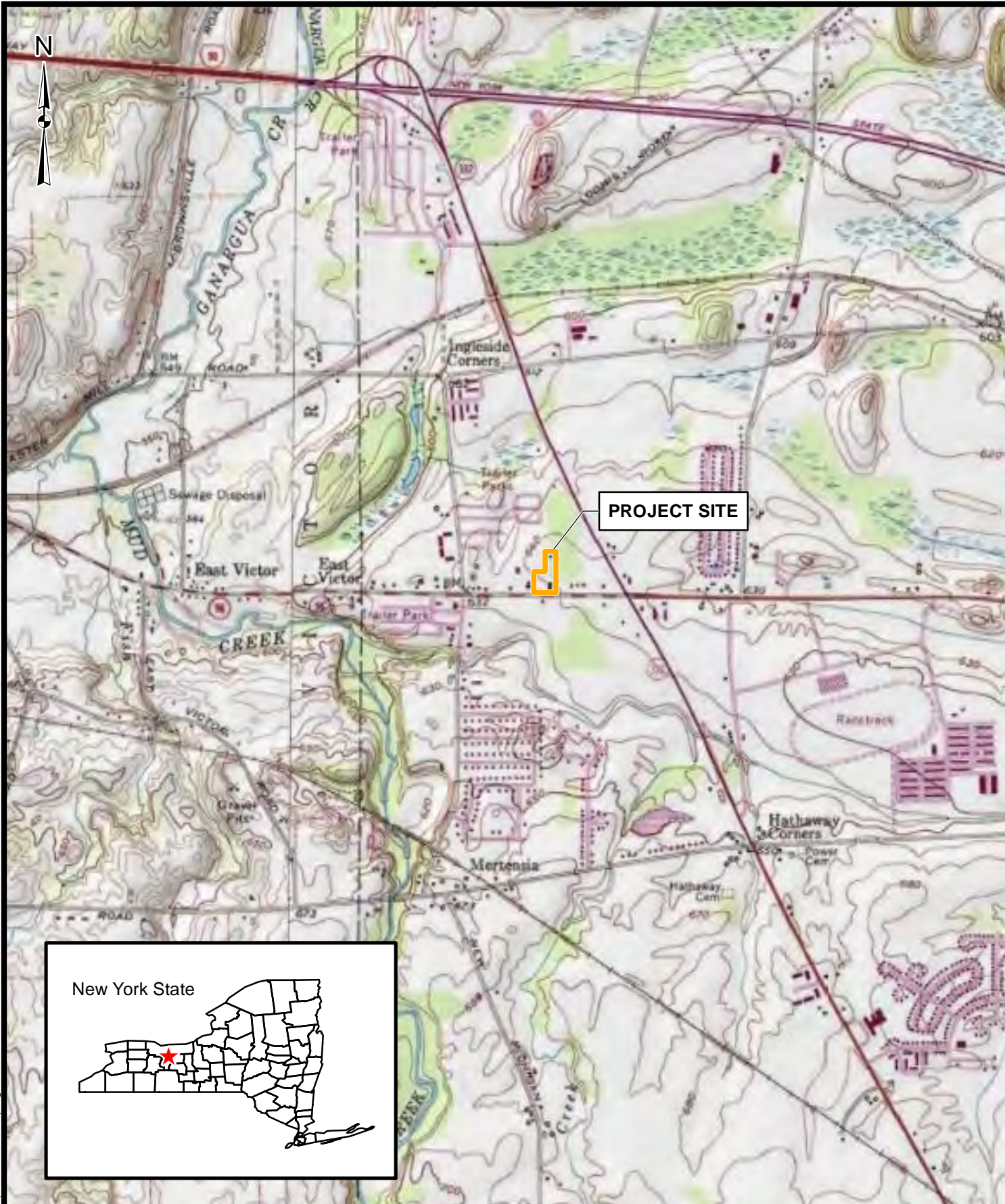
* - Number of observations too small to calculate probabilities.

** - Probability Undefined for S=0 and N=6, 7, 10, 11, 14, 15, 18, 19, 22, 23, 26, 27, 30, 31, 34, or 35.

Only Detected Results Reported.

FIGURES

J:\13807296.00000\B\GIS\Soil Vapor and GW Sampling Letter\FIGURE 1.mxd 3/30/2011 JRC



Source:
- National Geographic TOPO! via ArcGIS online data services.

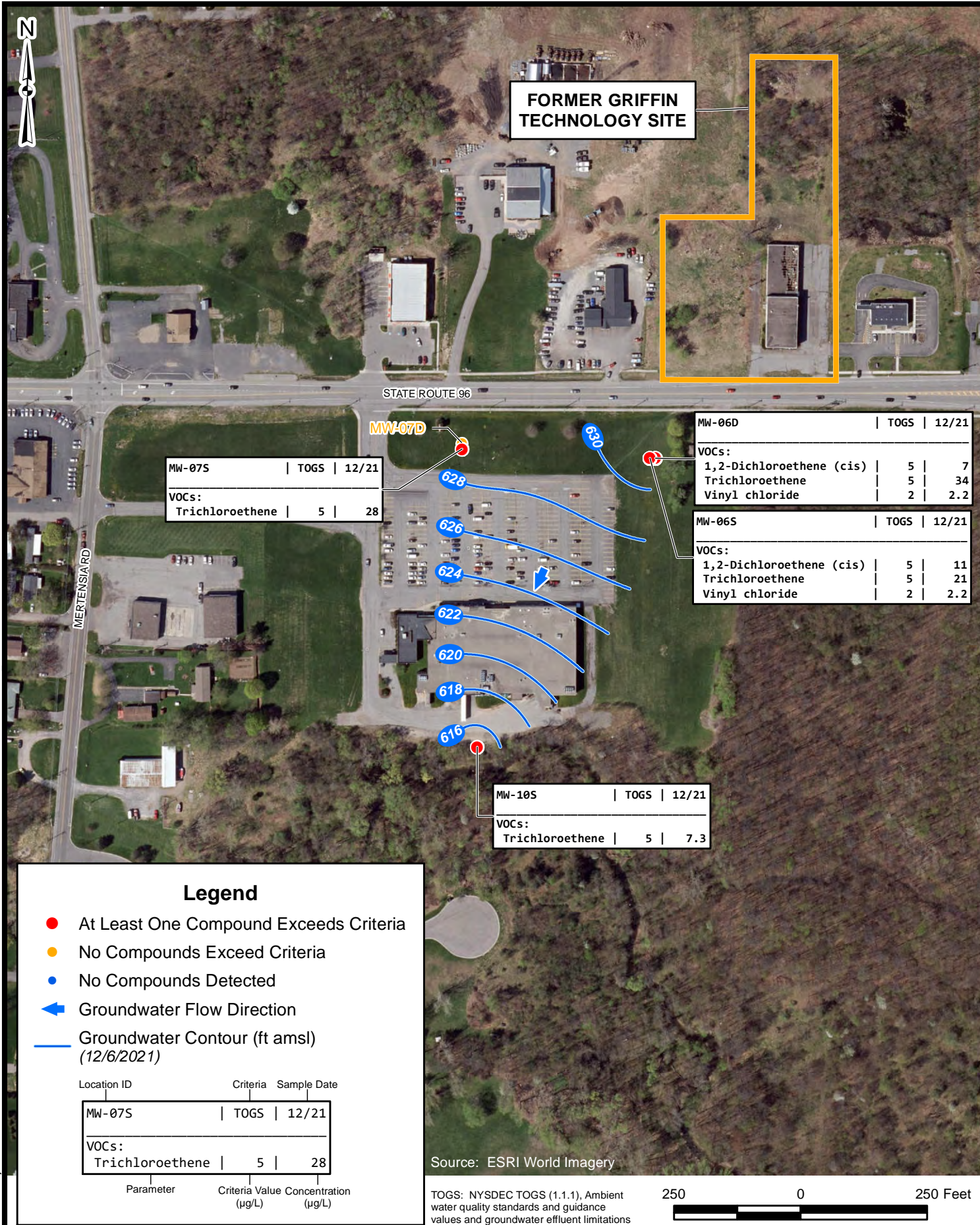
2,000 0 2,000 Feet

AECOM

FORMER GRIFFIN TECHNOLOGY, INC.
FARMINGTON, NEW YORK
SITE LOCATION

FIGURE 1

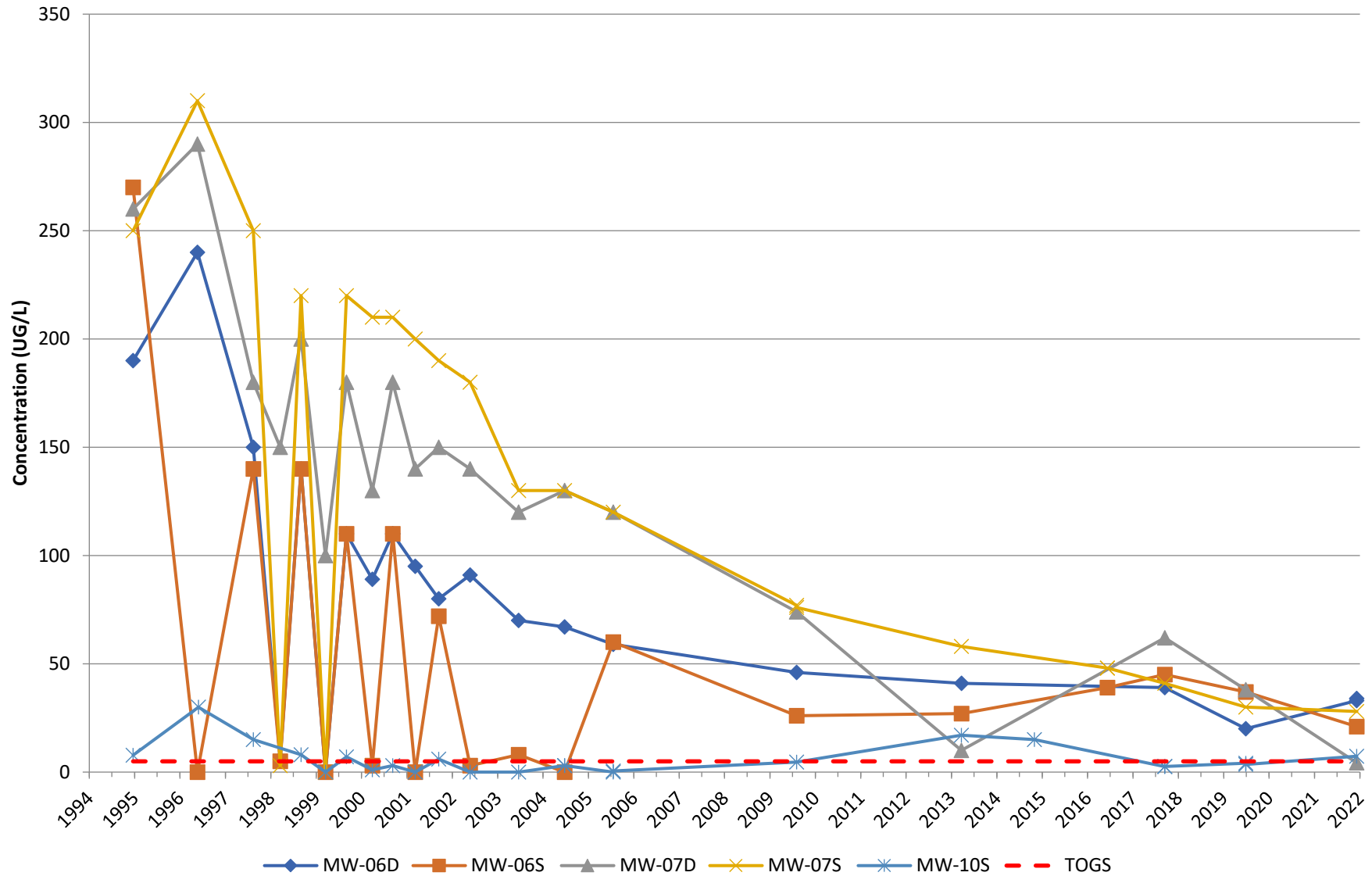
\\URS\Buffalo.us\ie.urs\Buffalo\Projects\13807296_00000\DBGIS\GW ANALYTICAL 2021.mxd 1/4/2022

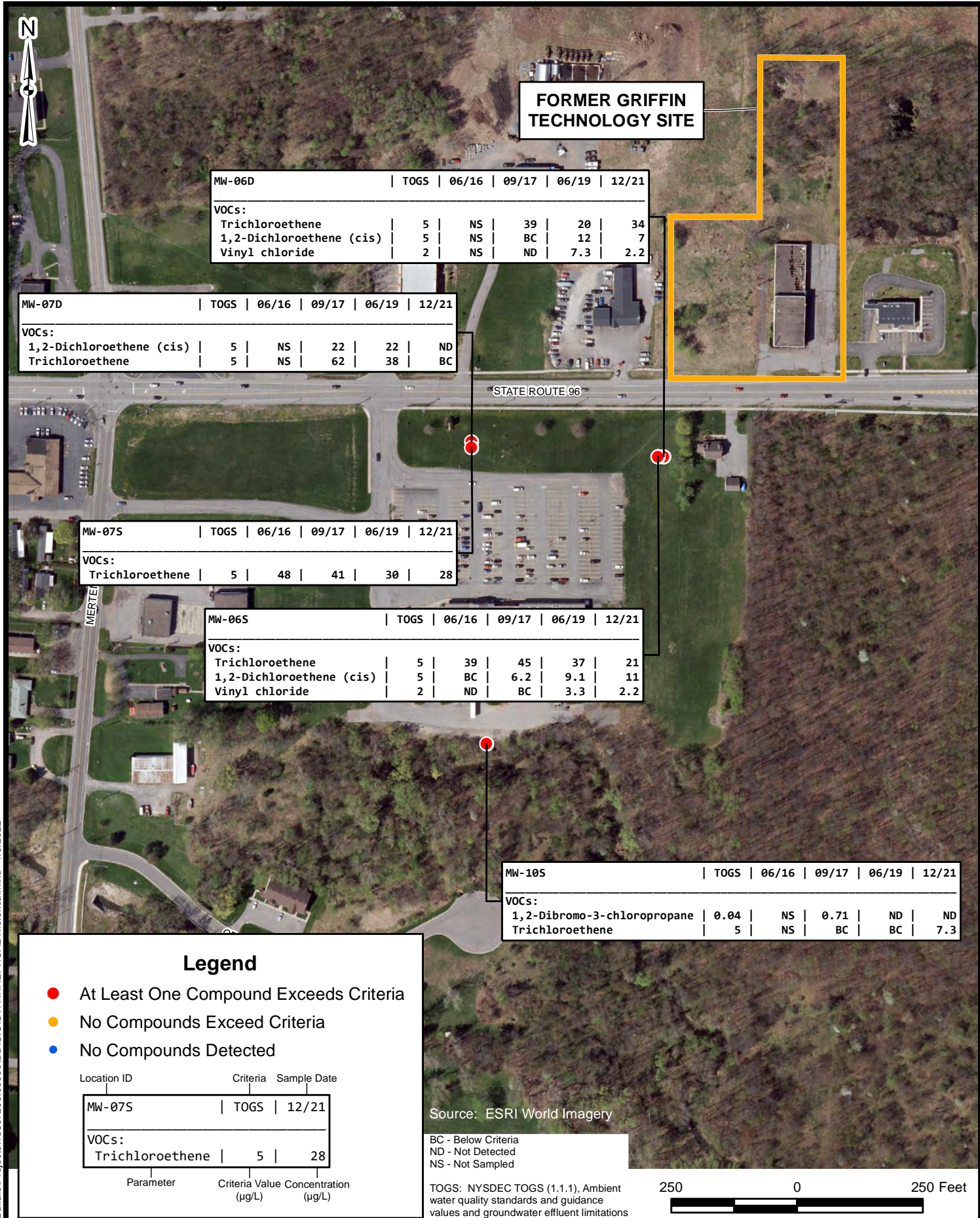


GRIFFIN TECHNOLOGY, INC. - FARMINGTON, NEW YORK
2021 GROUNDWATER SAMPLE RESULTS
EXCEEDING CRITERIA AND
SHALLOW GROUNDWATER POTENTIOMETRIC SURFACE

FIGURE 2

FIGURE 3
Trichloroethene Trends
(Existing Wells)





ATTACHMENT 1

PURGE LOGS

LOW FLOW GROUNDWATER PURGING/SAMPLING LOG

Project: Former Griffin Technology Site: Griffin Well I.D.: MW-06S

Date: 12/6/21 Sampling Personnel: Kevin McGovern Company: URS Corporation

Purging/
Sampling
Device: Geopump 2 peristaltic pump Tubing Type: HDPE Pump/Tubing
Inlet
Location: Screen midpoint

Measuring
Point: Top of Riser Initial Depth
to Water: 5.70 Depth to
Well Bottom: 18.90 Well
Diameter: 2" Screen
Length: 10'

Casing
Type: SCH 40 PVC Volume in 1
Well Casing
(liters): 8.14 Estimated
Purge
Volume
(liters): 6

Sample ID: MW-06S Sample
Time: 1125 QA/QC: MS/MSD

Sample Parameters: TCL VOCs

PURGE PARAMETERS

TIME	pH	TEMP (°C)	COND. (mS/cm)	DISS. O ₂ (mg/l)	TURB. (NTU)	ORP (mV)	FLOW RATE (ml/min.)	DEPTH TO WATER (btor)
1055	7.09	12.5	1.205	4.73	15.5	61.6	200	6.20
1100	7.02	12.7	1.329	3.06	7.8	33.5	200	7.27
1105	7.02	12.7	1.371	2.60	6.3	21.4	200	7.27
1110	7.02	12.6	1.423	2.12	7.1	12.5	200	7.27
1115	7.01	12.7	1.441	1.83	4.3	9.8	200	7.27
1120	7.01	12.7	1.450	1.76	6.2	12.0	200	7.27
1125	7.01	12.7	1.440	1.72	4.0	10.9	200	7.27
Tolerance:	0.1	---	3%	10%	10%	+ or - 10	---	

Information: WATER VOLUMES--0.75 inch diameter well = 87 ml/ft.; 1 inch diameter well = 154 ml/ft.; 2 inch diameter well = 617 ml/ft.;
4 inch diameter well = 2470 ml/ft. ($\text{vol}_{\text{cm}} = \pi r^2 h$)

Comments:

Bolt holes on curb box stripped

LOW FLOW GROUNDWATER PURGING/SAMPLING LOG

Project: Former Griffin Technology Site: Griffin Well I.D.: MW-06D

Date: 12/6/21 Sampling Personnel: Kevin McGovern Company: URS Corporation

Purging/
Sampling
Device: Geopump 2 peristaltic pump Tubing Type: HDPE Pump/Tubing
Inlet
Location: Screen midpoint

Measuring
Point: Top of Riser Initial Depth
to Water: 5.95 Depth to
Well Bottom: 37.60 Well
Diameter: 2" Screen
Length: 10'

Casing
Type: SCH 40 PVC Volume in 1
Well Casing
(liters): 19.53 Estimated
Purge
Volume
(liters): 6

Sample ID: MW-06D Sample
Time: 1024 QA/QC: FD-120621

Sample Parameters: TCL VOCs

PURGE PARAMETERS

TIME	pH	TEMP (°C)	COND. (mS/cm)	DISS. O ₂ (mg/l)	TURB. (NTU)	ORP (mV)	FLOW RATE (ml/min.)	DEPTH TO WATER (btor)
954	6.84	12.0	0.850	1.71	14.3	-12.1	200	7.12
959	6.81	11.9	0.927	0.36	14.5	-40.5	200	7.41
1004	NA							
1009	6.91	12.0	1.093	0.07	8.8	-39.3	200	7.70
1014	6.94	12.0	1.130	0.05	9+7	-33.0	200	7.70
1019	6.95	12.0	1.191	0.03	10.8	-26.0	200	7.70
1024	6.96	12.0	1.152	0.02	11.1	-27.0	200	7.70
Tolerance:	0.1	---	3%	10%	10%	+ or - 10	---	

Information: WATER VOLUMES--0.75 inch diameter well = 87 ml/ft.; 1 inch diameter well = 154 ml/ft.; 2 inch diameter well = 617 ml/ft.;
4 inch diameter well = 2470 ml/ft. ($\text{vol}_{\text{cm}} = \pi r^2 h$)

Comments:
Curb box damaged, needs replacement

LOW FLOW GROUNDWATER PURGING/SAMPLING LOG

Project: Former Griffin Technology Site: Griffin Well I.D.: MW-07S

Date: 12/6/21 Sampling Personnel: Kevin McGovern Company: URS Corporation

Purging/
Sampling
Device: Geopump 2 peristaltic pump Tubing Type: HDPE Pump/Tubing
Inlet
Location: Screen midpoint

Measuring
Point: Top of Riser Initial Depth
to Water: 5.25 Depth to
Well Bottom: 25.72 Well
Diameter: 2" Screen
Length: 10'

Casing
Type: SCH 40 PVC Volume in 1
Well Casing
(liters): 12.63 Estimated
Purge
Volume
(liters): 6

Sample ID: MW-07S Sample
Time: 1357 QA/QC: None

Sample Parameters: TCL VOCs

PURGE PARAMETERS

TIME	pH	TEMP (°C)	COND. (mS/cm)	DISS. O ₂ (mg/l)	TURB. (NTU)	ORP (mV)	FLOW RATE (ml/min.)	DEPTH TO WATER (btor)
1322	7.27	12.4	1.226	2.72	18.0	58.1	200	5.50
1325	Heavy Rain							
1332								
1335	6.94	12.5	1.269	0.03	5.7	60.2	200	5.80
1342	6.93	12.5	1.206	0.00	12.4	58.4	200	5.80
1345	6.93	12.5	1.207	0.00	10.1	55.0	200	5.80
1352	6.93	12.6	1.210	0.00	12.1	52.0	200	5.80
1357	6.93	12.4	1.205	0.00	10.2	51.0	200	5.80
Tolerance:	0.1	---	3%	10%	10%	+ or - 10	---	

Information: WATER VOLUMES--0.75 inch diameter well = 87 ml/ft.; 1 inch diameter well = 154 ml/ft.; 2 inch diameter well = 617 ml/ft.;
4 inch diameter well = 2470 ml/ft. ($vol_{cm} = \pi r^2 h$)

Comments:

LOW FLOW GROUNDWATER PURGING/SAMPLING LOG

Project: Former Griffin Technology Site: Griffin Well I.D.: MW-07D

Date: 12/6/21 Sampling Personnel: Kevin McGovern Company: URS Corporation

Purging/
Sampling
Device: Bladder Pump Tubing Type: HDPE Pump/Tubing
Inlet
Location: Screen midpoint

Measuring
Point: Top of Riser Initial Depth
to Water: 30.92 Depth to
Well Bottom: 44.40 Well
Diameter: 2" Screen
Length: 10'

Casing
Type: SCH 40 PVC Volume in 1
Well Casing
(liters): 8.32 Estimated
Purge
Volume
(liters): 6

Sample ID: MW-07D Sample
Time: 1430 QA/QC: None

Sample Parameters: TCL VOCs

PURGE PARAMETERS

TIME	pH	TEMP (°C)	COND. (mS/cm)	DISS. O ₂ (mg/l)	TURB. (NTU)	ORP (mV)	FLOW RATE (ml/min.)	DEPTH TO WATER (btor)
Started Purging @ 1400, Heavy Rain								
1410	7.51	11.5	0.670	12.00	115.0	71.2	200	33.49
1415	7.71	11.3	0.700	2.90	80.0	60.0	200	38.12
1420	7.89	11.3	0.770	3.20	30.0	67.5	200	39.99
1425	7.90	11.3	0.788	3.20	31.0	61.0	200	40.91
1430	7.91	11.0	0.745	3.21	32.0	62.0	200	41.90
Tolerance:	0.1	---	3%	10%	10%	+ or - 10	---	

Information: WATER VOLUMES--0.75 inch diameter well = 87 ml/ft.; 1 inch diameter well = 154 ml/ft.; 2 inch diameter well = 617 ml/ft.;
4 inch diameter well = 2470 ml/ft. ($vol_{cm} = \pi r^2 h$)

Comments:

Curb box lid loose, suggest new curb box

LOW FLOW GROUNDWATER PURGING/SAMPLING LOG

Project: Former Griffin Technology Site: Griffin Well I.D.: MW-10S

Date: 12/6/21 Sampling Personnel: Kevin McGovern Company: URS Corporation

Purging/
Sampling
Device: Geopump 2 peristaltic pump Tubing Type: HDPE Pump/Tubing
Inlet
Location: Screen midpoint

Measuring
Point: Top of Riser Initial Depth
to Water: 13.83 Depth to
Well Bottom: 22.62 Well
Diameter: 2" Screen
Length: 10'

Casing
Type: SCH 40 PVC Volume in 1
Well Casing
(liters): 5.42 Estimated
Purge
Volume
(liters): 6

Sample ID: MW-10S Sample
Time: 1252 QA/QC: None

Sample Parameters: TCL VOCs

PURGE PARAMETERS

TIME	pH	TEMP (°C)	COND. (mS/cm)	DISS. O ₂ (mg/l)	TURB. (NTU)	ORP (mV)	FLOW RATE (ml/min.)	DEPTH TO WATER (btor)
1222	6.75	13.1	2.399	0.23	40.0	-46.2	200	14.18
1227	6.78	13.2	2.420	0.08	24.0	-50.9	200	14.21
1232	6.30	13.2	2.426	0.04	16.4	-53.9	200	14.22
1237	6.32	13.1	2.441	0.01	12.5	-55.7	200	14.22
1242	6.84	13.1	2.467	0.00	7.6	-56.3	200	14.22
1247	6.85	13.0	2.491	0.00	5.2	-55.5	200	14.22
1252	6.90	13.0	2.501	0.00	4.2	-56.7	200	14.22
Tolerance:	0.1	---	3%	10%	10%	+ or - 10	---	

Information: WATER VOLUMES--0.75 inch diameter well = 87 ml/ft.; 1 inch diameter well = 154 ml/ft.; 2 inch diameter well = 617 ml/ft.;
4 inch diameter well = 2470 ml/ft. ($vol_{cm} = \pi r^2 h$)

Comments:

ATTACHMENT 2

**DATA USABILITY SUMMARY REPORT
AND
COMPLETE ANALYTICAL REPORT**

MEMORANDUM

TO: Mike Gutmann
FROM: George Kisluk
DATE: December 15, 2021
SUBJECT: **Groundwater Analytical Results
Former Griffin Technology Facility**

Five groundwater samples, one matrix spike/matrix spike duplicate pair and one field duplicate were collected from the Former Griffin Technology Facility site on December 6, 2021 and delivered to Eurofins TestAmerica located in Amherst, NY for analysis. A trip blank accompanied the samples. The samples were received by the laboratory on December 6, 2021 intact, properly preserved and under proper chain-of-custody.

The samples were analyzed for volatile organic compounds (VOCs) by United States Environmental Protection Agency (USEPA) Method 8260C. The analytical method referenced is from *Test Methods for Evaluating Solid Waste, Physical/Chemical Methods*, Third Edition, November 1986 and its updates.

The following USEPA Region II standard operating procedure (SOP) was used to evaluate and, when required, qualify the data:

- *Validating Volatile Organic Compounds by Gas Chromatography/Mass Spectrometry SW-846 Method 8260B & 8260C*, SOP HW-24, Revision 4, October 2014.

A limited data review was performed for completeness of deliverables, and for compliance with method and validation SOP criteria, which includes quantitation limits, holding times, method blanks, trip blanks, surrogate recoveries, laboratory control sample (LCS) recoveries and any items presented in the laboratory's case narrative. Only method and validation SOP non-conformances are discussed in this report.

The analytical results are provided in Table 1. Definitions of USEPA Region II data qualifiers are presented at the end of this memorandum.

VOCs

No data qualifications were necessary. All data are usable as reported.

Field Duplicate Results

Sample FD-120621 is a field duplicate of MW-06D. There was good agreement between the detected compounds in the sample and field duplicate as shown in Table 2. USEPA Region II validation guidelines do not provide any criteria for RPDs, nor are there any recommendations for the qualification of data based on field duplicate results.

cc: File: 13816402.00000

TABLE 1
VALIDATED GROUNDWATER AND TRIP BLANK SAMPLE RESULTS
FORMER GRIFFIN TECHNOLOGY FACILITY SITE

Location ID		FIELDQC	MW-06D	MW-06D	MW-06S	MW-07D
Sample ID		TB	FD-120621	MW-06D	MW-06S	MW-07D
Matrix		Water Quality	Groundwater	Groundwater	Groundwater	Groundwater
Depth Interval (ft)		-	-	-	-	-
Date Sampled		12/06/21	12/06/21	12/06/21	12/06/21	12/06/21
Parameter	Units	Trip Blank (1-1)	Field Duplicate (1-1)			
Volatile Organic Compounds						
1,1,1-Trichloroethane	UG/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1,2,2-Tetrachloroethane	UG/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1,2-Trichloro-1,2,2-trifluoroethane	UG/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1,2-Trichloroethane	UG/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1-Dichloroethane	UG/L	1.0 U	0.98 J	0.93 J	0.80 J	1.0 U
1,1-Dichloroethene	UG/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2,4-Trichlorobenzene	UG/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dibromo-3-chloropropane	UG/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dibromoethane (Ethylene dibromide)	UG/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichlorobenzene	UG/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichloroethane	UG/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichloroethene (cis)	UG/L	1.0 U	7.0	7.0	11	5.0
1,2-Dichloroethene (trans)	UG/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichloropropane	UG/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,3-Dichlorobenzene	UG/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,3-Dichloropropene (cis)	UG/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,3-Dichloropropene (trans)	UG/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,4-Dichlorobenzene	UG/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
2-Hexanone	UG/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
4-Methyl-2-pentanone	UG/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Acetone	UG/L	10 U	10 U	10 U	10 U	10 U
Benzene	UG/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromodichloromethane	UG/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromoform	UG/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U

Flags assigned during chemistry validation are shown.

UG/L - Micrograms per liter.

J - The reported concentration is an estimated value. U - Not detected above the reported quantitation limit.

Detection Limits shown are PQL

TABLE 1
VALIDATED GROUNDWATER AND TRIP BLANK SAMPLE RESULTS
FORMER GRIFFIN TECHNOLOGY FACILITY SITE

Location ID		FIELDQC	MW-06D	MW-06D	MW-06S	MW-07D
Sample ID		TB	FD-120621	MW-06D	MW-06S	MW-07D
Matrix		Water Quality	Groundwater	Groundwater	Groundwater	Groundwater
Depth Interval (ft)		-	-	-	-	-
Date Sampled		12/06/21	12/06/21	12/06/21	12/06/21	12/06/21
Parameter	Units	Trip Blank (1-1)	Field Duplicate (1-1)			
Volatile Organic Compounds						
Bromomethane	UG/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Carbon disulfide	UG/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Carbon tetrachloride	UG/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chlorobenzene	UG/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chloroethane	UG/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chloroform	UG/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chloromethane	UG/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Cyclohexane	UG/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Dibromochloromethane	UG/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Dichlorodifluoromethane	UG/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Ethylbenzene	UG/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Isopropylbenzene (Cumene)	UG/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Methyl acetate	UG/L	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
Methyl ethyl ketone (2-Butanone)	UG/L	10 U	10 U	10 U	10 U	10 U
Methyl tert-butyl ether	UG/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Methylcyclohexane	UG/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Methylene chloride	UG/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Styrene	UG/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Tetrachloroethene	UG/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Toluene	UG/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Trichloroethene	UG/L	1.0 U	33	34	21	4.3
Trichlorofluoromethane	UG/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Vinyl chloride	UG/L	1.0 U	2.2	2.1	2.2	1.0 U
Xylene (total)	UG/L	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U

Flags assigned during chemistry validation are shown.

UG/L - Micrograms per liter.

J - The reported concentration is an estimated value. U - Not detected above the reported quantitation limit.

Detection Limits shown are PQL

TABLE 1
VALIDATED GROUNDWATER AND TRIP BLANK SAMPLE RESULTS
FORMER GRIFFIN TECHNOLOGY FACILITY SITE

Location ID		MW-07S	MW-10S
Sample ID		MW-07S	MW-10S
Matrix		Groundwater	Groundwater
Depth Interval (ft)		-	-
Date Sampled		12/06/21	12/06/21
Parameter	Units		
Volatile Organic Compounds			
1,1,1-Trichloroethane	UG/L	1.0 U	1.0 U
1,1,2,2-Tetrachloroethane	UG/L	1.0 U	1.0 U
1,1,2-Trichloro-1,2,2-trifluoroethane	UG/L	1.0 U	1.0 U
1,1,2-Trichloroethane	UG/L	1.0 U	1.0 U
1,1-Dichloroethane	UG/L	1.0 U	1.0 U
1,1-Dichloroethene	UG/L	1.0 U	1.0 U
1,2,4-Trichlorobenzene	UG/L	1.0 U	1.0 U
1,2-Dibromo-3-chloropropane	UG/L	1.0 U	1.0 U
1,2-Dibromoethane (Ethylene dibromide)	UG/L	1.0 U	1.0 U
1,2-Dichlorobenzene	UG/L	1.0 U	1.0 U
1,2-Dichloroethane	UG/L	1.0 U	1.0 U
1,2-Dichloroethene (cis)	UG/L	2.2	1.0 U
1,2-Dichloroethene (trans)	UG/L	1.0 U	1.0 U
1,2-Dichloropropane	UG/L	1.0 U	1.0 U
1,3-Dichlorobenzene	UG/L	1.0 U	1.0 U
1,3-Dichloropropene (cis)	UG/L	1.0 U	1.0 U
1,3-Dichloropropene (trans)	UG/L	1.0 U	1.0 U
1,4-Dichlorobenzene	UG/L	1.0 U	1.0 U
2-Hexanone	UG/L	5.0 U	5.0 U
4-Methyl-2-pentanone	UG/L	5.0 U	5.0 U
Acetone	UG/L	10 U	10 U
Benzene	UG/L	1.0 U	1.0 U
Bromodichloromethane	UG/L	1.0 U	1.0 U
Bromoform	UG/L	1.0 U	1.0 U

Flags assigned during chemistry validation are shown.

UG/L - Micrograms per liter.

J - The reported concentration is an estimated value. U - Not detected above the reported quantitation limit.

Detection Limits shown are PQL

TABLE 1
VALIDATED GROUNDWATER AND TRIP BLANK SAMPLE RESULTS
FORMER GRIFFIN TECHNOLOGY FACILITY SITE

Location ID		MW-07S	MW-10S
Sample ID		MW-07S	MW-10S
Matrix		Groundwater	Groundwater
Depth Interval (ft)		-	-
Date Sampled		12/06/21	12/06/21
Parameter	Units		
Volatile Organic Compounds			
Bromomethane	UG/L	1.0 U	1.0 U
Carbon disulfide	UG/L	1.0 U	1.0 U
Carbon tetrachloride	UG/L	1.0 U	1.0 U
Chlorobenzene	UG/L	1.0 U	1.0 U
Chloroethane	UG/L	1.0 U	1.0 U
Chloroform	UG/L	1.0 U	1.0 U
Chloromethane	UG/L	1.0 U	1.0 U
Cyclohexane	UG/L	1.0 U	1.0 U
Dibromochloromethane	UG/L	1.0 U	1.0 U
Dichlorodifluoromethane	UG/L	1.0 U	1.0 U
Ethylbenzene	UG/L	1.0 U	1.0 U
Isopropylbenzene (Cumene)	UG/L	1.0 U	1.0 U
Methyl acetate	UG/L	2.5 U	2.5 U
Methyl ethyl ketone (2-Butanone)	UG/L	10 U	10 U
Methyl tert-butyl ether	UG/L	1.0 U	1.0 U
Methylcyclohexane	UG/L	1.0 U	1.0 U
Methylene chloride	UG/L	1.0 U	1.0 U
Styrene	UG/L	1.0 U	1.0 U
Tetrachloroethene	UG/L	1.0 U	1.0 U
Toluene	UG/L	1.0 U	1.0 U
Trichloroethene	UG/L	28	7.3
Trichlorofluoromethane	UG/L	1.0 U	1.0 U
Vinyl chloride	UG/L	1.0 U	1.0 U
Xylene (total)	UG/L	2.0 U	2.0 U

Flags assigned during chemistry validation are shown.

UG/L - Micrograms per liter.

J - The reported concentration is an estimated value. U - Not detected above the reported quantitation limit.

Detection Limits shown are PQL

TABLE 2
FIELD DUPLICATE COMPARISON
FORMER GRIFFIN TECHNOLOGY FACILITY SITE

Detected Compound	MW-06D (µg/L)	FD-120621 (µg/L)	RPD (%)
1,1-Dichloroethane	0.93	0.98	5.2
1,2-Dichloroethene (cis)	7.0	7.0	0
Trichloroethene	34	33	3.0
Vinyl chloride	2.1	2.2	4.7

RPD – relative percent difference.

µg/L – micrograms per liter.

DEFINITION OF USEPA REGION II DATA QUALIFIERS

The following are definitions of the qualifiers assigned to results during the data review process.

- U** - The analyte was analyzed for, but was not detected above the reported sample quantitation limit.
- J** - The analyte was positively identified; the associated numerical value is the approximate concentration of the analyte in the sample.

TABLE 1
VALIDATED GROUNDWATER AND TRIP BLANK SAMPLE RESULTS
FORMER GRIFFIN TECHNOLOGY FACILITY SITE

Location ID		FIELDQC	MW-06D	MW-06D	MW-06S	MW-07D
Sample ID		TB	FD-120621	MW-06D	MW-06S	MW-07D
Matrix		Water Quality	Groundwater	Groundwater	Groundwater	Groundwater
Depth Interval (ft)		-	-	-	-	-
Date Sampled		12/06/21	12/06/21	12/06/21	12/06/21	12/06/21
Parameter	Units	Trip Blank (1-1)	Field Duplicate (1-1)			
Volatile Organic Compounds						
1,1,1-Trichloroethane	UG/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1,2,2-Tetrachloroethane	UG/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1,2-Trichloro-1,2,2-trifluoroethane	UG/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1,2-Trichloroethane	UG/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1-Dichloroethane	UG/L	1.0 U	0.98 J	0.93 J	0.80 J	1.0 U
1,1-Dichloroethene	UG/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2,4-Trichlorobenzene	UG/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dibromo-3-chloropropane	UG/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dibromoethane (Ethylene dibromide)	UG/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichlorobenzene	UG/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichloroethane	UG/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichloroethene (cis)	UG/L	1.0 U	7.0	7.0	11	5.0
1,2-Dichloroethene (trans)	UG/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichloropropane	UG/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,3-Dichlorobenzene	UG/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,3-Dichloropropene (cis)	UG/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,3-Dichloropropene (trans)	UG/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,4-Dichlorobenzene	UG/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
2-Hexanone	UG/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
4-Methyl-2-pentanone	UG/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Acetone	UG/L	10 U	10 U	10 U	10 U	10 U
Benzene	UG/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromodichloromethane	UG/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromoform	UG/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U

Flags assigned during chemistry validation are shown.

UG/L - Micrograms per liter.

J - The reported concentration is an estimated value. U - Not detected above the reported quantitation limit.

Detection Limits shown are PQL

TABLE 1
VALIDATED GROUNDWATER AND TRIP BLANK SAMPLE RESULTS
FORMER GRIFFIN TECHNOLOGY FACILITY SITE

Location ID		FIELDQC	MW-06D	MW-06D	MW-06S	MW-07D
Sample ID		TB	FD-120621	MW-06D	MW-06S	MW-07D
Matrix		Water Quality	Groundwater	Groundwater	Groundwater	Groundwater
Depth Interval (ft)		-	-	-	-	-
Date Sampled		12/06/21	12/06/21	12/06/21	12/06/21	12/06/21
Parameter	Units	Trip Blank (1-1)	Field Duplicate (1-1)			
Volatile Organic Compounds						
Bromomethane	UG/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Carbon disulfide	UG/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Carbon tetrachloride	UG/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chlorobenzene	UG/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chloroethane	UG/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chloroform	UG/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chloromethane	UG/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Cyclohexane	UG/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Dibromochloromethane	UG/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Dichlorodifluoromethane	UG/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Ethylbenzene	UG/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Isopropylbenzene (Cumene)	UG/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Methyl acetate	UG/L	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
Methyl ethyl ketone (2-Butanone)	UG/L	10 U	10 U	10 U	10 U	10 U
Methyl tert-butyl ether	UG/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Methylcyclohexane	UG/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Methylene chloride	UG/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Styrene	UG/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Tetrachloroethene	UG/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Toluene	UG/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Trichloroethene	UG/L	1.0 U	33	34	21	4.3
Trichlorofluoromethane	UG/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Vinyl chloride	UG/L	1.0 U	2.2	2.1	2.2	1.0 U
Xylene (total)	UG/L	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U

Flags assigned during chemistry validation are shown.

UG/L - Micrograms per liter.

J - The reported concentration is an estimated value. U - Not detected above the reported quantitation limit.

Detection Limits shown are PQL

TABLE 1
VALIDATED GROUNDWATER AND TRIP BLANK SAMPLE RESULTS
FORMER GRIFFIN TECHNOLOGY FACILITY SITE

Location ID		MW-07S	MW-10S
Sample ID		MW-07S	MW-10S
Matrix		Groundwater	Groundwater
Depth Interval (ft)		-	-
Date Sampled		12/06/21	12/06/21
Parameter	Units		
Volatile Organic Compounds			
1,1,1-Trichloroethane	UG/L	1.0 U	1.0 U
1,1,2,2-Tetrachloroethane	UG/L	1.0 U	1.0 U
1,1,2-Trichloro-1,2,2-trifluoroethane	UG/L	1.0 U	1.0 U
1,1,2-Trichloroethane	UG/L	1.0 U	1.0 U
1,1-Dichloroethane	UG/L	1.0 U	1.0 U
1,1-Dichloroethene	UG/L	1.0 U	1.0 U
1,2,4-Trichlorobenzene	UG/L	1.0 U	1.0 U
1,2-Dibromo-3-chloropropane	UG/L	1.0 U	1.0 U
1,2-Dibromoethane (Ethylene dibromide)	UG/L	1.0 U	1.0 U
1,2-Dichlorobenzene	UG/L	1.0 U	1.0 U
1,2-Dichloroethane	UG/L	1.0 U	1.0 U
1,2-Dichloroethene (cis)	UG/L	2.2	1.0 U
1,2-Dichloroethene (trans)	UG/L	1.0 U	1.0 U
1,2-Dichloropropane	UG/L	1.0 U	1.0 U
1,3-Dichlorobenzene	UG/L	1.0 U	1.0 U
1,3-Dichloropropene (cis)	UG/L	1.0 U	1.0 U
1,3-Dichloropropene (trans)	UG/L	1.0 U	1.0 U
1,4-Dichlorobenzene	UG/L	1.0 U	1.0 U
2-Hexanone	UG/L	5.0 U	5.0 U
4-Methyl-2-pentanone	UG/L	5.0 U	5.0 U
Acetone	UG/L	10 U	10 U
Benzene	UG/L	1.0 U	1.0 U
Bromodichloromethane	UG/L	1.0 U	1.0 U
Bromoform	UG/L	1.0 U	1.0 U

Flags assigned during chemistry validation are shown.

UG/L - Micrograms per liter.

J - The reported concentration is an estimated value. U - Not detected above the reported quantitation limit.

Detection Limits shown are PQL

TABLE 1
VALIDATED GROUNDWATER AND TRIP BLANK SAMPLE RESULTS
FORMER GRIFFIN TECHNOLOGY FACILITY SITE

Location ID		MW-07S	MW-10S
Sample ID		MW-07S	MW-10S
Matrix		Groundwater	Groundwater
Depth Interval (ft)		-	-
Date Sampled		12/06/21	12/06/21
Parameter	Units		
Volatile Organic Compounds			
Bromomethane	UG/L	1.0 U	1.0 U
Carbon disulfide	UG/L	1.0 U	1.0 U
Carbon tetrachloride	UG/L	1.0 U	1.0 U
Chlorobenzene	UG/L	1.0 U	1.0 U
Chloroethane	UG/L	1.0 U	1.0 U
Chloroform	UG/L	1.0 U	1.0 U
Chloromethane	UG/L	1.0 U	1.0 U
Cyclohexane	UG/L	1.0 U	1.0 U
Dibromochloromethane	UG/L	1.0 U	1.0 U
Dichlorodifluoromethane	UG/L	1.0 U	1.0 U
Ethylbenzene	UG/L	1.0 U	1.0 U
Isopropylbenzene (Cumene)	UG/L	1.0 U	1.0 U
Methyl acetate	UG/L	2.5 U	2.5 U
Methyl ethyl ketone (2-Butanone)	UG/L	10 U	10 U
Methyl tert-butyl ether	UG/L	1.0 U	1.0 U
Methylcyclohexane	UG/L	1.0 U	1.0 U
Methylene chloride	UG/L	1.0 U	1.0 U
Styrene	UG/L	1.0 U	1.0 U
Tetrachloroethene	UG/L	1.0 U	1.0 U
Toluene	UG/L	1.0 U	1.0 U
Trichloroethene	UG/L	28	7.3
Trichlorofluoromethane	UG/L	1.0 U	1.0 U
Vinyl chloride	UG/L	1.0 U	1.0 U
Xylene (total)	UG/L	2.0 U	2.0 U

Flags assigned during chemistry validation are shown.

UG/L - Micrograms per liter.

J - The reported concentration is an estimated value. U - Not detected above the reported quantitation limit.

Detection Limits shown are PQL

ANALYTICAL REPORT

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

Laboratory Job ID: 480-193106-1
Client Project/Site: Griffin Diebold Project

For:
AECOM
One John James Audubon Parkway
Suite 210
Amherst, New York 14228

Attn: Mike Gutmann



Authorized for release by:
12/9/2021 5:20:11 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

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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.

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Definitions/Glossary

Client: AECOM
Project/Site: Griffin Diebold Project

Job ID: 480-193106-1

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
*+	LCS and/or LCSD is outside acceptance limits, high biased.
F1	MS and/or MSD recovery exceeds control limits.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Glossary

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

Case Narrative

Client: AECOM
Project/Site: Griffin Diebold Project

Job ID: 480-193106-1

Job ID: 480-193106-1

Laboratory: Eurofins TestAmerica, Buffalo

Narrative

Job Narrative 480-193106-1

Comments

No additional comments.

Receipt

The samples were received on 12/6/2021 4:37 PM. Unless otherwise noted below, the samples arrived in good condition, and where required, properly preserved and on ice. The temperature of the cooler at receipt was 2.9° C.

GC/MS VOA

Method 8260C: The continuing calibration verification (CCVIS) associated with batch 480-607776 recovered above the upper control limit for Carbon disulfide, Carbon tetrachloride and Vinyl chloride. The samples associated with this CCVIS were non-detect for the affected analytes; therefore, the data have been reported. The associated samples are impacted: MW-07S (480-193106-3), MW-07D (480-193106-4), MW-10S (480-193106-5) and TB (480-193106-7).

Method 8260C: The following sample(s) was collected in a properly preserved vial; however, the pH was outside the required criteria when verified by the laboratory. The sample was analyzed within the 7-day holding time specified for unpreserved samples: MW-07D (480-193106-4). pH is 4.

Method 8260C: The continuing calibration verification (CCV) associated with batch 480-607776 recovered above the upper control limit for Carbon disulfide and Carbon tetrachloride. 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-06S (480-193106-1), MW-06D (480-193106-2) and FD-120621 (480-193106-6).

Method 8260C: The continuing calibration verification (CCV) analyzed in 480-607776 was outside the method criteria for the following analyte: Vinyl chloride. As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analyte is considered estimated. The associated samples are impacted: MW-06S (480-193106-1), MW-06D (480-193106-2) and FD-120621 (480-193106-6).

Method 8260C: The laboratory control sample (LCS) for analytical batch 480-607776 recovered outside control limits for the following analyte: Dichlorodifluoromethane. This analyte was biased high in the LCS and was not detected in the associated samples; therefore, the data have been reported. The associated samples are impacted: MW-06S (480-193106-1), MW-06D (480-193106-2), MW-07S (480-193106-3), MW-07D (480-193106-4), MW-10S (480-193106-5), FD-120621 (480-193106-6) and TB (480-193106-7).

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

Detection Summary

Client: AECOM
Project/Site: Griffin Diebold Project

Job ID: 480-193106-1

Client Sample ID: MW-06S

Lab Sample ID: 480-193106-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	0.80	J	1.0	0.38	ug/L	1		8260C	Total/NA
cis-1,2-Dichloroethene	11		1.0	0.81	ug/L	1		8260C	Total/NA
Trichloroethene	21		1.0	0.46	ug/L	1		8260C	Total/NA
Vinyl chloride	2.2		1.0	0.90	ug/L	1		8260C	Total/NA

Client Sample ID: MW-06D

Lab Sample ID: 480-193106-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	0.93	J	1.0	0.38	ug/L	1		8260C	Total/NA
cis-1,2-Dichloroethene	7.0		1.0	0.81	ug/L	1		8260C	Total/NA
Trichloroethene	34		1.0	0.46	ug/L	1		8260C	Total/NA
Vinyl chloride	2.1		1.0	0.90	ug/L	1		8260C	Total/NA

Client Sample ID: MW-07S

Lab Sample ID: 480-193106-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	2.2		1.0	0.81	ug/L	1		8260C	Total/NA
Trichloroethene	28		1.0	0.46	ug/L	1		8260C	Total/NA

Client Sample ID: MW-07D

Lab Sample ID: 480-193106-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	5.0		1.0	0.81	ug/L	1		8260C	Total/NA
Trichloroethene	4.3		1.0	0.46	ug/L	1		8260C	Total/NA

Client Sample ID: MW-10S

Lab Sample ID: 480-193106-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Trichloroethene	7.3		1.0	0.46	ug/L	1		8260C	Total/NA

Client Sample ID: FD-120621

Lab Sample ID: 480-193106-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	0.98	J	1.0	0.38	ug/L	1		8260C	Total/NA
cis-1,2-Dichloroethene	7.0		1.0	0.81	ug/L	1		8260C	Total/NA
Trichloroethene	33		1.0	0.46	ug/L	1		8260C	Total/NA
Vinyl chloride	2.2		1.0	0.90	ug/L	1		8260C	Total/NA

Client Sample ID: TB

Lab Sample ID: 480-193106-7

No Detections.

This Detection Summary does not include radiochemical test results.

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: AECOM
Project/Site: Griffin Diebold Project

Job ID: 480-193106-1

Client Sample ID: MW-06S

Lab Sample ID: 480-193106-1

Date Collected: 12/06/21 11:25

Matrix: Water

Date Received: 12/06/21 16:37

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			12/07/21 17:22	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			12/07/21 17:22	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			12/07/21 17:22	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			12/07/21 17:22	1
1,1-Dichloroethane	0.80	J	1.0	0.38	ug/L			12/07/21 17:22	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			12/07/21 17:22	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			12/07/21 17:22	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			12/07/21 17:22	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			12/07/21 17:22	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			12/07/21 17:22	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			12/07/21 17:22	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			12/07/21 17:22	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			12/07/21 17:22	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			12/07/21 17:22	1
2-Butanone (MEK)	ND		10	1.3	ug/L			12/07/21 17:22	1
2-Hexanone	ND		5.0	1.2	ug/L			12/07/21 17:22	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			12/07/21 17:22	1
Acetone	ND		10	3.0	ug/L			12/07/21 17:22	1
Benzene	ND		1.0	0.41	ug/L			12/07/21 17:22	1
Bromodichloromethane	ND		1.0	0.39	ug/L			12/07/21 17:22	1
Bromoform	ND		1.0	0.26	ug/L			12/07/21 17:22	1
Bromomethane	ND		1.0	0.69	ug/L			12/07/21 17:22	1
Carbon disulfide	ND		1.0	0.19	ug/L			12/07/21 17:22	1
Carbon tetrachloride	ND	F1	1.0	0.27	ug/L			12/07/21 17:22	1
Chlorobenzene	ND		1.0	0.75	ug/L			12/07/21 17:22	1
Chloroethane	ND		1.0	0.32	ug/L			12/07/21 17:22	1
Chloroform	ND		1.0	0.34	ug/L			12/07/21 17:22	1
Chloromethane	ND	F1	1.0	0.35	ug/L			12/07/21 17:22	1
cis-1,2-Dichloroethene	11		1.0	0.81	ug/L			12/07/21 17:22	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			12/07/21 17:22	1
Cyclohexane	ND		1.0	0.18	ug/L			12/07/21 17:22	1
Dibromochloromethane	ND		1.0	0.32	ug/L			12/07/21 17:22	1
Dichlorodifluoromethane	ND	F1 *+	1.0	0.68	ug/L			12/07/21 17:22	1
Ethylbenzene	ND		1.0	0.74	ug/L			12/07/21 17:22	1
Isopropylbenzene	ND		1.0	0.79	ug/L			12/07/21 17:22	1
Methyl acetate	ND		2.5	1.3	ug/L			12/07/21 17:22	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			12/07/21 17:22	1
Methylcyclohexane	ND		1.0	0.16	ug/L			12/07/21 17:22	1
Methylene Chloride	ND		1.0	0.44	ug/L			12/07/21 17:22	1
Styrene	ND		1.0	0.73	ug/L			12/07/21 17:22	1
Tetrachloroethene	ND		1.0	0.36	ug/L			12/07/21 17:22	1
Toluene	ND		1.0	0.51	ug/L			12/07/21 17:22	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			12/07/21 17:22	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			12/07/21 17:22	1
Trichloroethene	21		1.0	0.46	ug/L			12/07/21 17:22	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			12/07/21 17:22	1
Vinyl chloride	2.2		1.0	0.90	ug/L			12/07/21 17:22	1
Xylenes, Total	ND		2.0	0.66	ug/L			12/07/21 17:22	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: AECOM
Project/Site: Griffin Diebold Project

Job ID: 480-193106-1

Client Sample ID: MW-06S

Lab Sample ID: 480-193106-1

Date Collected: 12/06/21 11:25

Matrix: Water

Date Received: 12/06/21 16:37

<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)	94		77 - 120		12/07/21 17:22	1
4-Bromofluorobenzene (Surr)	97		73 - 120		12/07/21 17:22	1
Dibromofluoromethane (Surr)	102		75 - 123		12/07/21 17:22	1
Toluene-d8 (Surr)	95		80 - 120		12/07/21 17:22	1

Client Sample Results

Client: AECOM
Project/Site: Griffin Diebold Project

Job ID: 480-193106-1

Client Sample ID: MW-06D

Lab Sample ID: 480-193106-2

Date Collected: 12/06/21 10:24

Matrix: Water

Date Received: 12/06/21 16:37

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			12/07/21 17:45	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			12/07/21 17:45	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			12/07/21 17:45	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			12/07/21 17:45	1
1,1-Dichloroethane	0.93	J	1.0	0.38	ug/L			12/07/21 17:45	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			12/07/21 17:45	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			12/07/21 17:45	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			12/07/21 17:45	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			12/07/21 17:45	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			12/07/21 17:45	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			12/07/21 17:45	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			12/07/21 17:45	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			12/07/21 17:45	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			12/07/21 17:45	1
2-Butanone (MEK)	ND		10	1.3	ug/L			12/07/21 17:45	1
2-Hexanone	ND		5.0	1.2	ug/L			12/07/21 17:45	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			12/07/21 17:45	1
Acetone	ND		10	3.0	ug/L			12/07/21 17:45	1
Benzene	ND		1.0	0.41	ug/L			12/07/21 17:45	1
Bromodichloromethane	ND		1.0	0.39	ug/L			12/07/21 17:45	1
Bromoform	ND		1.0	0.26	ug/L			12/07/21 17:45	1
Bromomethane	ND		1.0	0.69	ug/L			12/07/21 17:45	1
Carbon disulfide	ND		1.0	0.19	ug/L			12/07/21 17:45	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			12/07/21 17:45	1
Chlorobenzene	ND		1.0	0.75	ug/L			12/07/21 17:45	1
Chloroethane	ND		1.0	0.32	ug/L			12/07/21 17:45	1
Chloroform	ND		1.0	0.34	ug/L			12/07/21 17:45	1
Chloromethane	ND		1.0	0.35	ug/L			12/07/21 17:45	1
cis-1,2-Dichloroethene	7.0		1.0	0.81	ug/L			12/07/21 17:45	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			12/07/21 17:45	1
Cyclohexane	ND		1.0	0.18	ug/L			12/07/21 17:45	1
Dibromochloromethane	ND		1.0	0.32	ug/L			12/07/21 17:45	1
Dichlorodifluoromethane	ND	*+	1.0	0.68	ug/L			12/07/21 17:45	1
Ethylbenzene	ND		1.0	0.74	ug/L			12/07/21 17:45	1
Isopropylbenzene	ND		1.0	0.79	ug/L			12/07/21 17:45	1
Methyl acetate	ND		2.5	1.3	ug/L			12/07/21 17:45	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			12/07/21 17:45	1
Methylcyclohexane	ND		1.0	0.16	ug/L			12/07/21 17:45	1
Methylene Chloride	ND		1.0	0.44	ug/L			12/07/21 17:45	1
Styrene	ND		1.0	0.73	ug/L			12/07/21 17:45	1
Tetrachloroethene	ND		1.0	0.36	ug/L			12/07/21 17:45	1
Toluene	ND		1.0	0.51	ug/L			12/07/21 17:45	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			12/07/21 17:45	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			12/07/21 17:45	1
Trichloroethene	34		1.0	0.46	ug/L			12/07/21 17:45	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			12/07/21 17:45	1
Vinyl chloride	2.1		1.0	0.90	ug/L			12/07/21 17:45	1
Xylenes, Total	ND		2.0	0.66	ug/L			12/07/21 17:45	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: AECOM
Project/Site: Griffin Diebold Project

Job ID: 480-193106-1

Client Sample ID: MW-06D

Lab Sample ID: 480-193106-2

Date Collected: 12/06/21 10:24

Matrix: Water

Date Received: 12/06/21 16:37

<i>Surrogate</i>	<i>%Recovery</i>	<i>Qualifier</i>	<i>Limits</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Dil Fac</i>
1,2-Dichloroethane-d4 (Surr)	99		77 - 120		12/07/21 17:45	1
4-Bromofluorobenzene (Surr)	99		73 - 120		12/07/21 17:45	1
Dibromofluoromethane (Surr)	104		75 - 123		12/07/21 17:45	1
Toluene-d8 (Surr)	99		80 - 120		12/07/21 17:45	1

Client Sample Results

Client: AECOM
Project/Site: Griffin Diebold Project

Job ID: 480-193106-1

Client Sample ID: MW-07S

Lab Sample ID: 480-193106-3

Date Collected: 12/06/21 13:57

Matrix: Water

Date Received: 12/06/21 16:37

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			12/07/21 18:08	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			12/07/21 18:08	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			12/07/21 18:08	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			12/07/21 18:08	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			12/07/21 18:08	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			12/07/21 18:08	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			12/07/21 18:08	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			12/07/21 18:08	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			12/07/21 18:08	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			12/07/21 18:08	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			12/07/21 18:08	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			12/07/21 18:08	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			12/07/21 18:08	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			12/07/21 18:08	1
2-Butanone (MEK)	ND		10	1.3	ug/L			12/07/21 18:08	1
2-Hexanone	ND		5.0	1.2	ug/L			12/07/21 18:08	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			12/07/21 18:08	1
Acetone	ND		10	3.0	ug/L			12/07/21 18:08	1
Benzene	ND		1.0	0.41	ug/L			12/07/21 18:08	1
Bromodichloromethane	ND		1.0	0.39	ug/L			12/07/21 18:08	1
Bromoform	ND		1.0	0.26	ug/L			12/07/21 18:08	1
Bromomethane	ND		1.0	0.69	ug/L			12/07/21 18:08	1
Carbon disulfide	ND		1.0	0.19	ug/L			12/07/21 18:08	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			12/07/21 18:08	1
Chlorobenzene	ND		1.0	0.75	ug/L			12/07/21 18:08	1
Chloroethane	ND		1.0	0.32	ug/L			12/07/21 18:08	1
Chloroform	ND		1.0	0.34	ug/L			12/07/21 18:08	1
Chloromethane	ND		1.0	0.35	ug/L			12/07/21 18:08	1
cis-1,2-Dichloroethene	2.2		1.0	0.81	ug/L			12/07/21 18:08	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			12/07/21 18:08	1
Cyclohexane	ND		1.0	0.18	ug/L			12/07/21 18:08	1
Dibromochloromethane	ND		1.0	0.32	ug/L			12/07/21 18:08	1
Dichlorodifluoromethane	ND	+	1.0	0.68	ug/L			12/07/21 18:08	1
Ethylbenzene	ND		1.0	0.74	ug/L			12/07/21 18:08	1
Isopropylbenzene	ND		1.0	0.79	ug/L			12/07/21 18:08	1
Methyl acetate	ND		2.5	1.3	ug/L			12/07/21 18:08	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			12/07/21 18:08	1
Methylcyclohexane	ND		1.0	0.16	ug/L			12/07/21 18:08	1
Methylene Chloride	ND		1.0	0.44	ug/L			12/07/21 18:08	1
Styrene	ND		1.0	0.73	ug/L			12/07/21 18:08	1
Tetrachloroethene	ND		1.0	0.36	ug/L			12/07/21 18:08	1
Toluene	ND		1.0	0.51	ug/L			12/07/21 18:08	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			12/07/21 18:08	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			12/07/21 18:08	1
Trichloroethene	28		1.0	0.46	ug/L			12/07/21 18:08	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			12/07/21 18:08	1
Vinyl chloride	ND		1.0	0.90	ug/L			12/07/21 18:08	1
Xylenes, Total	ND		2.0	0.66	ug/L			12/07/21 18:08	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: AECOM
Project/Site: Griffin Diebold Project

Job ID: 480-193106-1

Client Sample ID: MW-07S

Lab Sample ID: 480-193106-3

Date Collected: 12/06/21 13:57

Matrix: Water

Date Received: 12/06/21 16:37

<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)	98		77 - 120		12/07/21 18:08	1
4-Bromofluorobenzene (Surr)	98		73 - 120		12/07/21 18:08	1
Dibromofluoromethane (Surr)	101		75 - 123		12/07/21 18:08	1
Toluene-d8 (Surr)	96		80 - 120		12/07/21 18:08	1

Client Sample Results

Client: AECOM
Project/Site: Griffin Diebold Project

Job ID: 480-193106-1

Client Sample ID: MW-07D

Lab Sample ID: 480-193106-4

Date Collected: 12/06/21 14:30

Matrix: Water

Date Received: 12/06/21 16:37

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			12/07/21 18:31	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			12/07/21 18:31	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			12/07/21 18:31	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			12/07/21 18:31	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			12/07/21 18:31	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			12/07/21 18:31	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			12/07/21 18:31	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			12/07/21 18:31	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			12/07/21 18:31	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			12/07/21 18:31	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			12/07/21 18:31	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			12/07/21 18:31	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			12/07/21 18:31	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			12/07/21 18:31	1
2-Butanone (MEK)	ND		10	1.3	ug/L			12/07/21 18:31	1
2-Hexanone	ND		5.0	1.2	ug/L			12/07/21 18:31	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			12/07/21 18:31	1
Acetone	ND		10	3.0	ug/L			12/07/21 18:31	1
Benzene	ND		1.0	0.41	ug/L			12/07/21 18:31	1
Bromodichloromethane	ND		1.0	0.39	ug/L			12/07/21 18:31	1
Bromoform	ND		1.0	0.26	ug/L			12/07/21 18:31	1
Bromomethane	ND		1.0	0.69	ug/L			12/07/21 18:31	1
Carbon disulfide	ND		1.0	0.19	ug/L			12/07/21 18:31	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			12/07/21 18:31	1
Chlorobenzene	ND		1.0	0.75	ug/L			12/07/21 18:31	1
Chloroethane	ND		1.0	0.32	ug/L			12/07/21 18:31	1
Chloroform	ND		1.0	0.34	ug/L			12/07/21 18:31	1
Chloromethane	ND		1.0	0.35	ug/L			12/07/21 18:31	1
cis-1,2-Dichloroethene	5.0		1.0	0.81	ug/L			12/07/21 18:31	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			12/07/21 18:31	1
Cyclohexane	ND		1.0	0.18	ug/L			12/07/21 18:31	1
Dibromochloromethane	ND		1.0	0.32	ug/L			12/07/21 18:31	1
Dichlorodifluoromethane	ND	+	1.0	0.68	ug/L			12/07/21 18:31	1
Ethylbenzene	ND		1.0	0.74	ug/L			12/07/21 18:31	1
Isopropylbenzene	ND		1.0	0.79	ug/L			12/07/21 18:31	1
Methyl acetate	ND		2.5	1.3	ug/L			12/07/21 18:31	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			12/07/21 18:31	1
Methylcyclohexane	ND		1.0	0.16	ug/L			12/07/21 18:31	1
Methylene Chloride	ND		1.0	0.44	ug/L			12/07/21 18:31	1
Styrene	ND		1.0	0.73	ug/L			12/07/21 18:31	1
Tetrachloroethene	ND		1.0	0.36	ug/L			12/07/21 18:31	1
Toluene	ND		1.0	0.51	ug/L			12/07/21 18:31	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			12/07/21 18:31	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			12/07/21 18:31	1
Trichloroethene	4.3		1.0	0.46	ug/L			12/07/21 18:31	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			12/07/21 18:31	1
Vinyl chloride	ND		1.0	0.90	ug/L			12/07/21 18:31	1
Xylenes, Total	ND		2.0	0.66	ug/L			12/07/21 18:31	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: AECOM
Project/Site: Griffin Diebold Project

Job ID: 480-193106-1

Client Sample ID: MW-07D

Lab Sample ID: 480-193106-4

Date Collected: 12/06/21 14:30

Matrix: Water

Date Received: 12/06/21 16:37

<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)	100		77 - 120		12/07/21 18:31	1
4-Bromofluorobenzene (Surr)	99		73 - 120		12/07/21 18:31	1
Dibromofluoromethane (Surr)	105		75 - 123		12/07/21 18:31	1
Toluene-d8 (Surr)	96		80 - 120		12/07/21 18:31	1

Client Sample Results

Client: AECOM
Project/Site: Griffin Diebold Project

Job ID: 480-193106-1

Client Sample ID: MW-10S

Lab Sample ID: 480-193106-5

Date Collected: 12/06/21 12:52

Matrix: Water

Date Received: 12/06/21 16:37

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			12/07/21 18:54	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			12/07/21 18:54	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			12/07/21 18:54	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			12/07/21 18:54	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			12/07/21 18:54	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			12/07/21 18:54	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			12/07/21 18:54	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			12/07/21 18:54	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			12/07/21 18:54	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			12/07/21 18:54	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			12/07/21 18:54	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			12/07/21 18:54	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			12/07/21 18:54	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			12/07/21 18:54	1
2-Butanone (MEK)	ND		10	1.3	ug/L			12/07/21 18:54	1
2-Hexanone	ND		5.0	1.2	ug/L			12/07/21 18:54	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			12/07/21 18:54	1
Acetone	ND		10	3.0	ug/L			12/07/21 18:54	1
Benzene	ND		1.0	0.41	ug/L			12/07/21 18:54	1
Bromodichloromethane	ND		1.0	0.39	ug/L			12/07/21 18:54	1
Bromoform	ND		1.0	0.26	ug/L			12/07/21 18:54	1
Bromomethane	ND		1.0	0.69	ug/L			12/07/21 18:54	1
Carbon disulfide	ND		1.0	0.19	ug/L			12/07/21 18:54	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			12/07/21 18:54	1
Chlorobenzene	ND		1.0	0.75	ug/L			12/07/21 18:54	1
Chloroethane	ND		1.0	0.32	ug/L			12/07/21 18:54	1
Chloroform	ND		1.0	0.34	ug/L			12/07/21 18:54	1
Chloromethane	ND		1.0	0.35	ug/L			12/07/21 18:54	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			12/07/21 18:54	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			12/07/21 18:54	1
Cyclohexane	ND		1.0	0.18	ug/L			12/07/21 18:54	1
Dibromochloromethane	ND		1.0	0.32	ug/L			12/07/21 18:54	1
Dichlorodifluoromethane	ND	+	1.0	0.68	ug/L			12/07/21 18:54	1
Ethylbenzene	ND		1.0	0.74	ug/L			12/07/21 18:54	1
Isopropylbenzene	ND		1.0	0.79	ug/L			12/07/21 18:54	1
Methyl acetate	ND		2.5	1.3	ug/L			12/07/21 18:54	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			12/07/21 18:54	1
Methylcyclohexane	ND		1.0	0.16	ug/L			12/07/21 18:54	1
Methylene Chloride	ND		1.0	0.44	ug/L			12/07/21 18:54	1
Styrene	ND		1.0	0.73	ug/L			12/07/21 18:54	1
Tetrachloroethene	ND		1.0	0.36	ug/L			12/07/21 18:54	1
Toluene	ND		1.0	0.51	ug/L			12/07/21 18:54	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			12/07/21 18:54	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			12/07/21 18:54	1
Trichloroethene	7.3		1.0	0.46	ug/L			12/07/21 18:54	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			12/07/21 18:54	1
Vinyl chloride	ND		1.0	0.90	ug/L			12/07/21 18:54	1
Xylenes, Total	ND		2.0	0.66	ug/L			12/07/21 18:54	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: AECOM
Project/Site: Griffin Diebold Project

Job ID: 480-193106-1

Client Sample ID: MW-10S

Lab Sample ID: 480-193106-5

Date Collected: 12/06/21 12:52

Matrix: Water

Date Received: 12/06/21 16:37

<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		77 - 120		12/07/21 18:54	1
4-Bromofluorobenzene (Surr)	98		73 - 120		12/07/21 18:54	1
Dibromofluoromethane (Surr)	107		75 - 123		12/07/21 18:54	1
Toluene-d8 (Surr)	96		80 - 120		12/07/21 18:54	1

Client Sample Results

Client: AECOM
Project/Site: Griffin Diebold Project

Job ID: 480-193106-1

Client Sample ID: FD-120621

Lab Sample ID: 480-193106-6

Date Collected: 12/06/21 00:00

Matrix: Water

Date Received: 12/06/21 16:37

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			12/07/21 19:17	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			12/07/21 19:17	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			12/07/21 19:17	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			12/07/21 19:17	1
1,1-Dichloroethane	0.98	J	1.0	0.38	ug/L			12/07/21 19:17	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			12/07/21 19:17	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			12/07/21 19:17	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			12/07/21 19:17	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			12/07/21 19:17	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			12/07/21 19:17	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			12/07/21 19:17	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			12/07/21 19:17	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			12/07/21 19:17	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			12/07/21 19:17	1
2-Butanone (MEK)	ND		10	1.3	ug/L			12/07/21 19:17	1
2-Hexanone	ND		5.0	1.2	ug/L			12/07/21 19:17	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			12/07/21 19:17	1
Acetone	ND		10	3.0	ug/L			12/07/21 19:17	1
Benzene	ND		1.0	0.41	ug/L			12/07/21 19:17	1
Bromodichloromethane	ND		1.0	0.39	ug/L			12/07/21 19:17	1
Bromoform	ND		1.0	0.26	ug/L			12/07/21 19:17	1
Bromomethane	ND		1.0	0.69	ug/L			12/07/21 19:17	1
Carbon disulfide	ND		1.0	0.19	ug/L			12/07/21 19:17	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			12/07/21 19:17	1
Chlorobenzene	ND		1.0	0.75	ug/L			12/07/21 19:17	1
Chloroethane	ND		1.0	0.32	ug/L			12/07/21 19:17	1
Chloroform	ND		1.0	0.34	ug/L			12/07/21 19:17	1
Chloromethane	ND		1.0	0.35	ug/L			12/07/21 19:17	1
cis-1,2-Dichloroethene	7.0		1.0	0.81	ug/L			12/07/21 19:17	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			12/07/21 19:17	1
Cyclohexane	ND		1.0	0.18	ug/L			12/07/21 19:17	1
Dibromochloromethane	ND		1.0	0.32	ug/L			12/07/21 19:17	1
Dichlorodifluoromethane	ND	*+	1.0	0.68	ug/L			12/07/21 19:17	1
Ethylbenzene	ND		1.0	0.74	ug/L			12/07/21 19:17	1
Isopropylbenzene	ND		1.0	0.79	ug/L			12/07/21 19:17	1
Methyl acetate	ND		2.5	1.3	ug/L			12/07/21 19:17	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			12/07/21 19:17	1
Methylcyclohexane	ND		1.0	0.16	ug/L			12/07/21 19:17	1
Methylene Chloride	ND		1.0	0.44	ug/L			12/07/21 19:17	1
Styrene	ND		1.0	0.73	ug/L			12/07/21 19:17	1
Tetrachloroethene	ND		1.0	0.36	ug/L			12/07/21 19:17	1
Toluene	ND		1.0	0.51	ug/L			12/07/21 19:17	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			12/07/21 19:17	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			12/07/21 19:17	1
Trichloroethene	33		1.0	0.46	ug/L			12/07/21 19:17	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			12/07/21 19:17	1
Vinyl chloride	2.2		1.0	0.90	ug/L			12/07/21 19:17	1
Xylenes, Total	ND		2.0	0.66	ug/L			12/07/21 19:17	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: AECOM
Project/Site: Griffin Diebold Project

Job ID: 480-193106-1

Client Sample ID: FD-120621

Lab Sample ID: 480-193106-6

Date Collected: 12/06/21 00:00

Matrix: Water

Date Received: 12/06/21 16:37

<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		77 - 120		12/07/21 19:17	1
4-Bromofluorobenzene (Surr)	97		73 - 120		12/07/21 19:17	1
Dibromofluoromethane (Surr)	107		75 - 123		12/07/21 19:17	1
Toluene-d8 (Surr)	97		80 - 120		12/07/21 19:17	1

Client Sample Results

Client: AECOM
Project/Site: Griffin Diebold Project

Job ID: 480-193106-1

Client Sample ID: TB

Lab Sample ID: 480-193106-7

Date Collected: 12/06/21 00:00

Matrix: Water

Date Received: 12/06/21 16:37

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			12/07/21 19:40	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			12/07/21 19:40	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			12/07/21 19:40	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			12/07/21 19:40	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			12/07/21 19:40	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			12/07/21 19:40	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			12/07/21 19:40	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			12/07/21 19:40	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			12/07/21 19:40	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			12/07/21 19:40	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			12/07/21 19:40	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			12/07/21 19:40	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			12/07/21 19:40	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			12/07/21 19:40	1
2-Butanone (MEK)	ND		10	1.3	ug/L			12/07/21 19:40	1
2-Hexanone	ND		5.0	1.2	ug/L			12/07/21 19:40	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			12/07/21 19:40	1
Acetone	ND		10	3.0	ug/L			12/07/21 19:40	1
Benzene	ND		1.0	0.41	ug/L			12/07/21 19:40	1
Bromodichloromethane	ND		1.0	0.39	ug/L			12/07/21 19:40	1
Bromoform	ND		1.0	0.26	ug/L			12/07/21 19:40	1
Bromomethane	ND		1.0	0.69	ug/L			12/07/21 19:40	1
Carbon disulfide	ND		1.0	0.19	ug/L			12/07/21 19:40	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			12/07/21 19:40	1
Chlorobenzene	ND		1.0	0.75	ug/L			12/07/21 19:40	1
Chloroethane	ND		1.0	0.32	ug/L			12/07/21 19:40	1
Chloroform	ND		1.0	0.34	ug/L			12/07/21 19:40	1
Chloromethane	ND		1.0	0.35	ug/L			12/07/21 19:40	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			12/07/21 19:40	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			12/07/21 19:40	1
Cyclohexane	ND		1.0	0.18	ug/L			12/07/21 19:40	1
Dibromochloromethane	ND		1.0	0.32	ug/L			12/07/21 19:40	1
Dichlorodifluoromethane	ND	+	1.0	0.68	ug/L			12/07/21 19:40	1
Ethylbenzene	ND		1.0	0.74	ug/L			12/07/21 19:40	1
Isopropylbenzene	ND		1.0	0.79	ug/L			12/07/21 19:40	1
Methyl acetate	ND		2.5	1.3	ug/L			12/07/21 19:40	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			12/07/21 19:40	1
Methylcyclohexane	ND		1.0	0.16	ug/L			12/07/21 19:40	1
Methylene Chloride	ND		1.0	0.44	ug/L			12/07/21 19:40	1
Styrene	ND		1.0	0.73	ug/L			12/07/21 19:40	1
Tetrachloroethene	ND		1.0	0.36	ug/L			12/07/21 19:40	1
Toluene	ND		1.0	0.51	ug/L			12/07/21 19:40	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			12/07/21 19:40	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			12/07/21 19:40	1
Trichloroethene	ND		1.0	0.46	ug/L			12/07/21 19:40	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			12/07/21 19:40	1
Vinyl chloride	ND		1.0	0.90	ug/L			12/07/21 19:40	1
Xylenes, Total	ND		2.0	0.66	ug/L			12/07/21 19:40	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: AECOM
Project/Site: Griffin Diebold Project

Job ID: 480-193106-1

Client Sample ID: TB

Lab Sample ID: 480-193106-7

Date Collected: 12/06/21 00:00

Matrix: Water

Date Received: 12/06/21 16:37

<i>Surrogate</i>	<i>%Recovery</i>	<i>Qualifier</i>	<i>Limits</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Dil Fac</i>
1,2-Dichloroethane-d4 (Surr)	99		77 - 120		12/07/21 19:40	1
4-Bromofluorobenzene (Surr)	97		73 - 120		12/07/21 19:40	1
Dibromofluoromethane (Surr)	106		75 - 123		12/07/21 19:40	1
Toluene-d8 (Surr)	99		80 - 120		12/07/21 19:40	1

Surrogate Summary

Client: AECOM
Project/Site: Griffin Diebold Project

Job ID: 480-193106-1

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)	BFB (73-120)	DBFM (75-123)	TOL (80-120)
480-193106-1	MW-06S	94	97	102	95
480-193106-1 MS	MW-06S	90	103	104	99
480-193106-1 MSD	MW-06S	94	106	102	98
480-193106-2	MW-06D	99	99	104	99
480-193106-3	MW-07S	98	98	101	96
480-193106-4	MW-07D	100	99	105	96
480-193106-5	MW-10S	96	98	107	96
480-193106-6	FD-120621	96	97	107	97
480-193106-7	TB	99	97	106	99
LCS 480-607776/4	Lab Control Sample	89	105	99	98
MB 480-607776/7	Method Blank	96	100	102	96

Surrogate Legend

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

QC Sample Results

Client: AECOM
Project/Site: Griffin Diebold Project

Job ID: 480-193106-1

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

Lab Sample ID: MB 480-607776/7

Matrix: Water

Analysis Batch: 607776

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			12/07/21 11:13	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			12/07/21 11:13	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			12/07/21 11:13	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			12/07/21 11:13	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			12/07/21 11:13	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			12/07/21 11:13	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			12/07/21 11:13	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			12/07/21 11:13	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			12/07/21 11:13	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			12/07/21 11:13	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			12/07/21 11:13	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			12/07/21 11:13	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			12/07/21 11:13	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			12/07/21 11:13	1
2-Butanone (MEK)	ND		10	1.3	ug/L			12/07/21 11:13	1
2-Hexanone	ND		5.0	1.2	ug/L			12/07/21 11:13	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			12/07/21 11:13	1
Acetone	ND		10	3.0	ug/L			12/07/21 11:13	1
Benzene	ND		1.0	0.41	ug/L			12/07/21 11:13	1
Bromodichloromethane	ND		1.0	0.39	ug/L			12/07/21 11:13	1
Bromoform	ND		1.0	0.26	ug/L			12/07/21 11:13	1
Bromomethane	ND		1.0	0.69	ug/L			12/07/21 11:13	1
Carbon disulfide	ND		1.0	0.19	ug/L			12/07/21 11:13	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			12/07/21 11:13	1
Chlorobenzene	ND		1.0	0.75	ug/L			12/07/21 11:13	1
Chloroethane	ND		1.0	0.32	ug/L			12/07/21 11:13	1
Chloroform	ND		1.0	0.34	ug/L			12/07/21 11:13	1
Chloromethane	ND		1.0	0.35	ug/L			12/07/21 11:13	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			12/07/21 11:13	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			12/07/21 11:13	1
Cyclohexane	ND		1.0	0.18	ug/L			12/07/21 11:13	1
Dibromochloromethane	ND		1.0	0.32	ug/L			12/07/21 11:13	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			12/07/21 11:13	1
Ethylbenzene	ND		1.0	0.74	ug/L			12/07/21 11:13	1
Isopropylbenzene	ND		1.0	0.79	ug/L			12/07/21 11:13	1
Methyl acetate	ND		2.5	1.3	ug/L			12/07/21 11:13	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			12/07/21 11:13	1
Methylcyclohexane	ND		1.0	0.16	ug/L			12/07/21 11:13	1
Methylene Chloride	ND		1.0	0.44	ug/L			12/07/21 11:13	1
Styrene	ND		1.0	0.73	ug/L			12/07/21 11:13	1
Tetrachloroethene	ND		1.0	0.36	ug/L			12/07/21 11:13	1
Toluene	ND		1.0	0.51	ug/L			12/07/21 11:13	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			12/07/21 11:13	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			12/07/21 11:13	1
Trichloroethene	ND		1.0	0.46	ug/L			12/07/21 11:13	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			12/07/21 11:13	1
Vinyl chloride	ND		1.0	0.90	ug/L			12/07/21 11:13	1
Xylenes, Total	ND		2.0	0.66	ug/L			12/07/21 11:13	1

Eurofins TestAmerica, Buffalo

QC Sample Results

Client: AECOM
Project/Site: Griffin Diebold Project

Job ID: 480-193106-1

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

Lab Sample ID: MB 480-607776/7

Matrix: Water

Analysis Batch: 607776

Client Sample ID: Method Blank

Prep Type: Total/NA

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	96		77 - 120		12/07/21 11:13	1
4-Bromofluorobenzene (Surr)	100		73 - 120		12/07/21 11:13	1
Dibromofluoromethane (Surr)	102		75 - 123		12/07/21 11:13	1
Toluene-d8 (Surr)	96		80 - 120		12/07/21 11:13	1

Lab Sample ID: LCS 480-607776/4

Matrix: Water

Analysis Batch: 607776

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1-Trichloroethane	25.0	29.5		ug/L		118	73 - 126
1,1,1,2,2-Tetrachloroethane	25.0	25.3		ug/L		101	76 - 120
1,1,1,2-Trichloro-1,2,2-trifluoroethane	25.0	27.5		ug/L		110	61 - 148
1,1,2-Trichloroethane	25.0	24.5		ug/L		98	76 - 122
1,1-Dichloroethane	25.0	24.4		ug/L		98	77 - 120
1,1-Dichloroethene	25.0	27.2		ug/L		109	66 - 127
1,2,4-Trichlorobenzene	25.0	23.9		ug/L		95	79 - 122
1,2-Dibromo-3-Chloropropane	25.0	23.7		ug/L		95	56 - 134
1,2-Dibromoethane	25.0	25.4		ug/L		102	77 - 120
1,2-Dichlorobenzene	25.0	24.6		ug/L		98	80 - 124
1,2-Dichloroethane	25.0	22.2		ug/L		89	75 - 120
1,2-Dichloropropane	25.0	26.4		ug/L		106	76 - 120
1,3-Dichlorobenzene	25.0	26.1		ug/L		105	77 - 120
1,4-Dichlorobenzene	25.0	25.5		ug/L		102	80 - 120
2-Butanone (MEK)	125	142		ug/L		114	57 - 140
2-Hexanone	125	138		ug/L		111	65 - 127
4-Methyl-2-pentanone (MIBK)	125	127		ug/L		101	71 - 125
Acetone	125	152		ug/L		121	56 - 142
Benzene	25.0	26.4		ug/L		106	71 - 124
Bromodichloromethane	25.0	26.1		ug/L		104	80 - 122
Bromoform	25.0	31.3		ug/L		125	61 - 132
Bromomethane	25.0	26.7		ug/L		107	55 - 144
Carbon disulfide	25.0	30.6		ug/L		122	59 - 134
Carbon tetrachloride	25.0	32.5		ug/L		130	72 - 134
Chlorobenzene	25.0	24.7		ug/L		99	80 - 120
Chloroethane	25.0	26.5		ug/L		106	69 - 136
Chloroform	25.0	23.3		ug/L		93	73 - 127
Chloromethane	25.0	29.2		ug/L		117	68 - 124
cis-1,2-Dichloroethene	25.0	25.8		ug/L		103	74 - 124
cis-1,3-Dichloropropene	25.0	27.9		ug/L		111	74 - 124
Cyclohexane	25.0	26.9		ug/L		108	59 - 135
Dibromochloromethane	25.0	27.5		ug/L		110	75 - 125
Dichlorodifluoromethane	25.0	35.7	*+	ug/L		143	59 - 135
Ethylbenzene	25.0	25.7		ug/L		103	77 - 123
Isopropylbenzene	25.0	26.6		ug/L		106	77 - 122
Methyl acetate	50.0	49.0		ug/L		98	74 - 133
Methyl tert-butyl ether	25.0	24.2		ug/L		97	77 - 120
Methylcyclohexane	25.0	27.4		ug/L		109	68 - 134

Eurofins TestAmerica, Buffalo

QC Sample Results

Client: AECOM
Project/Site: Griffin Diebold Project

Job ID: 480-193106-1

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

Lab Sample ID: LCS 480-607776/4

Matrix: Water

Analysis Batch: 607776

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	28.3		ug/L		113	75 - 124
Styrene	25.0	27.1		ug/L		108	80 - 120
Tetrachloroethene	25.0	26.9		ug/L		108	74 - 122
Toluene	25.0	25.0		ug/L		100	80 - 122
trans-1,2-Dichloroethene	25.0	27.8		ug/L		111	73 - 127
trans-1,3-Dichloropropene	25.0	26.0		ug/L		104	80 - 120
Trichloroethene	25.0	26.1		ug/L		105	74 - 123
Trichlorofluoromethane	25.0	27.9		ug/L		112	62 - 150
Vinyl chloride	25.0	29.8		ug/L		119	65 - 133

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	89		77 - 120
4-Bromofluorobenzene (Surr)	105		73 - 120
Dibromofluoromethane (Surr)	99		75 - 123
Toluene-d8 (Surr)	98		80 - 120

Lab Sample ID: 480-193106-1 MS

Matrix: Water

Analysis Batch: 607776

Client Sample ID: MW-06S

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	32.0	F1	ug/L		128	73 - 126
1,1,2,2-Tetrachloroethane	ND		25.0	26.4		ug/L		106	76 - 120
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		25.0	28.9		ug/L		116	61 - 148
1,1,2-Trichloroethane	ND		25.0	25.5		ug/L		102	76 - 122
1,1-Dichloroethane	0.80	J	25.0	27.6		ug/L		107	77 - 120
1,1-Dichloroethene	ND		25.0	29.4		ug/L		117	66 - 127
1,2,4-Trichlorobenzene	ND		25.0	25.1		ug/L		100	79 - 122
1,2-Dibromo-3-Chloropropane	ND		25.0	24.1		ug/L		96	56 - 134
1,2-Dibromoethane	ND		25.0	26.9		ug/L		108	77 - 120
1,2-Dichlorobenzene	ND		25.0	26.4		ug/L		106	80 - 124
1,2-Dichloroethane	ND		25.0	23.9		ug/L		96	75 - 120
1,2-Dichloropropane	ND		25.0	28.2		ug/L		113	76 - 120
1,3-Dichlorobenzene	ND		25.0	27.5		ug/L		110	77 - 120
1,4-Dichlorobenzene	ND		25.0	27.3		ug/L		109	78 - 124
2-Butanone (MEK)	ND		125	138		ug/L		111	57 - 140
2-Hexanone	ND		125	141		ug/L		113	65 - 127
4-Methyl-2-pentanone (MIBK)	ND		125	133		ug/L		107	71 - 125
Acetone	ND		125	133		ug/L		106	56 - 142
Benzene	ND		25.0	28.6		ug/L		115	71 - 124
Bromodichloromethane	ND		25.0	26.7		ug/L		107	80 - 122
Bromoform	ND		25.0	29.8		ug/L		119	61 - 132
Bromomethane	ND		25.0	27.7		ug/L		111	55 - 144
Carbon disulfide	ND		25.0	30.4		ug/L		121	59 - 134
Carbon tetrachloride	ND	F1	25.0	35.2	F1	ug/L		141	72 - 134
Chlorobenzene	ND		25.0	26.4		ug/L		105	80 - 120
Chloroethane	ND		25.0	28.0		ug/L		112	69 - 136
Chloroform	ND		25.0	25.4		ug/L		102	73 - 127

Eurofins TestAmerica, Buffalo

QC Sample Results

Client: AECOM
Project/Site: Griffin Diebold Project

Job ID: 480-193106-1

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

Lab Sample ID: 480-193106-1 MS

Matrix: Water

Analysis Batch: 607776

Client Sample ID: MW-06S

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloromethane	ND	F1	25.0	31.0		ug/L		124	68 - 124
cis-1,2-Dichloroethene	11		25.0	38.8		ug/L		111	74 - 124
cis-1,3-Dichloropropene	ND		25.0	26.9		ug/L		108	74 - 124
Cyclohexane	ND		25.0	28.3		ug/L		113	59 - 135
Dibromochloromethane	ND		25.0	27.3		ug/L		109	75 - 125
Dichlorodifluoromethane	ND	F1 *+	25.0	35.3	F1	ug/L		141	59 - 135
Ethylbenzene	ND		25.0	27.5		ug/L		110	77 - 123
Isopropylbenzene	ND		25.0	28.7		ug/L		115	77 - 122
Methyl acetate	ND		50.0	50.1		ug/L		100	74 - 133
Methyl tert-butyl ether	ND		25.0	25.2		ug/L		101	77 - 120
Methylcyclohexane	ND		25.0	27.9		ug/L		112	68 - 134
Methylene Chloride	ND		25.0	30.4		ug/L		122	75 - 124
Styrene	ND		25.0	27.9		ug/L		112	80 - 120
Tetrachloroethene	ND		25.0	29.1		ug/L		116	74 - 122
Toluene	ND		25.0	26.3		ug/L		105	80 - 122
trans-1,2-Dichloroethene	ND		25.0	30.5		ug/L		122	73 - 127
trans-1,3-Dichloropropene	ND		25.0	25.4		ug/L		102	80 - 120
Trichloroethene	21		25.0	48.3		ug/L		110	74 - 123
Trichlorofluoromethane	ND		25.0	28.4		ug/L		114	62 - 150
Vinyl chloride	2.2		25.0	34.9		ug/L		131	65 - 133

Surrogate	MS %Recovery	MS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	90		77 - 120
4-Bromofluorobenzene (Surr)	103		73 - 120
Dibromofluoromethane (Surr)	104		75 - 123
Toluene-d8 (Surr)	99		80 - 120

Lab Sample ID: 480-193106-1 MSD

Matrix: Water

Analysis Batch: 607776

Client Sample ID: MW-06S

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	31.8	F1	ug/L		127	73 - 126	1	15
1,1,2,2-Tetrachloroethane	ND		25.0	26.7		ug/L		107	76 - 120	1	15
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		25.0	28.2		ug/L		113	61 - 148	3	20
1,1,2-Trichloroethane	ND		25.0	25.2		ug/L		101	76 - 122	1	15
1,1-Dichloroethane	0.80	J	25.0	27.3		ug/L		106	77 - 120	1	20
1,1-Dichloroethene	ND		25.0	29.6		ug/L		119	66 - 127	1	16
1,2,4-Trichlorobenzene	ND		25.0	24.8		ug/L		99	79 - 122	1	20
1,2-Dibromo-3-Chloropropane	ND		25.0	24.8		ug/L		99	56 - 134	3	15
1,2-Dibromoethane	ND		25.0	27.6		ug/L		110	77 - 120	3	15
1,2-Dichlorobenzene	ND		25.0	25.4		ug/L		102	80 - 124	4	20
1,2-Dichloroethane	ND		25.0	24.3		ug/L		97	75 - 120	2	20
1,2-Dichloropropane	ND		25.0	29.1		ug/L		116	76 - 120	3	20
1,3-Dichlorobenzene	ND		25.0	27.9		ug/L		112	77 - 120	2	20
1,4-Dichlorobenzene	ND		25.0	27.4		ug/L		109	78 - 124	0	20
2-Butanone (MEK)	ND		125	142		ug/L		114	57 - 140	3	20
2-Hexanone	ND		125	147		ug/L		117	65 - 127	4	15

Eurofins TestAmerica, Buffalo

QC Sample Results

Client: AECOM
Project/Site: Griffin Diebold Project

Job ID: 480-193106-1

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

Lab Sample ID: 480-193106-1 MSD

Matrix: Water

Analysis Batch: 607776

Client Sample ID: MW-06S

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
4-Methyl-2-pentanone (MIBK)	ND		125	133		ug/L		106	71 - 125	0	35
Acetone	ND		125	131		ug/L		105	56 - 142	1	15
Benzene	ND		25.0	28.4		ug/L		113	71 - 124	1	13
Bromodichloromethane	ND		25.0	27.0		ug/L		108	80 - 122	1	15
Bromoform	ND		25.0	30.4		ug/L		121	61 - 132	2	15
Bromomethane	ND		25.0	29.1		ug/L		116	55 - 144	5	15
Carbon disulfide	ND		25.0	30.4		ug/L		121	59 - 134	0	15
Carbon tetrachloride	ND	F1	25.0	35.3	F1	ug/L		141	72 - 134	0	15
Chlorobenzene	ND		25.0	26.9		ug/L		108	80 - 120	2	25
Chloroethane	ND		25.0	29.4		ug/L		118	69 - 136	5	15
Chloroform	ND		25.0	25.7		ug/L		103	73 - 127	1	20
Chloromethane	ND	F1	25.0	32.1	F1	ug/L		128	68 - 124	4	15
cis-1,2-Dichloroethene	11		25.0	37.5		ug/L		106	74 - 124	4	15
cis-1,3-Dichloropropene	ND		25.0	27.4		ug/L		109	74 - 124	2	15
Cyclohexane	ND		25.0	27.2		ug/L		109	59 - 135	4	20
Dibromochloromethane	ND		25.0	28.8		ug/L		115	75 - 125	5	15
Dichlorodifluoromethane	ND	F1 *+	25.0	35.4	F1	ug/L		142	59 - 135	0	20
Ethylbenzene	ND		25.0	28.4		ug/L		114	77 - 123	3	15
Isopropylbenzene	ND		25.0	28.4		ug/L		113	77 - 122	1	20
Methyl acetate	ND		50.0	50.3		ug/L		101	74 - 133	0	20
Methyl tert-butyl ether	ND		25.0	25.4		ug/L		102	77 - 120	1	37
Methylcyclohexane	ND		25.0	26.7		ug/L		107	68 - 134	5	20
Methylene Chloride	ND		25.0	30.0		ug/L		120	75 - 124	1	15
Styrene	ND		25.0	28.9		ug/L		116	80 - 120	3	20
Tetrachloroethene	ND		25.0	29.7		ug/L		119	74 - 122	2	20
Toluene	ND		25.0	26.9		ug/L		107	80 - 122	2	15
trans-1,2-Dichloroethene	ND		25.0	28.8		ug/L		115	73 - 127	6	20
trans-1,3-Dichloropropene	ND		25.0	25.9		ug/L		104	80 - 120	2	15
Trichloroethene	21		25.0	49.5		ug/L		115	74 - 123	2	16
Trichlorofluoromethane	ND		25.0	29.0		ug/L		116	62 - 150	2	20
Vinyl chloride	2.2		25.0	35.4		ug/L		133	65 - 133	2	15

Surrogate	MSD %Recovery	MSD Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	94		77 - 120
4-Bromofluorobenzene (Surr)	106		73 - 120
Dibromofluoromethane (Surr)	102		75 - 123
Toluene-d8 (Surr)	98		80 - 120

QC Association Summary

Client: AECOM
Project/Site: Griffin Diebold Project

Job ID: 480-193106-1

GC/MS VOA

Analysis Batch: 607776

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-193106-1	MW-06S	Total/NA	Water	8260C	
480-193106-2	MW-06D	Total/NA	Water	8260C	
480-193106-3	MW-07S	Total/NA	Water	8260C	
480-193106-4	MW-07D	Total/NA	Water	8260C	
480-193106-5	MW-10S	Total/NA	Water	8260C	
480-193106-6	FD-120621	Total/NA	Water	8260C	
480-193106-7	TB	Total/NA	Water	8260C	
MB 480-607776/7	Method Blank	Total/NA	Water	8260C	
LCS 480-607776/4	Lab Control Sample	Total/NA	Water	8260C	
480-193106-1 MS	MW-06S	Total/NA	Water	8260C	
480-193106-1 MSD	MW-06S	Total/NA	Water	8260C	

Lab Chronicle

Client: AECOM
Project/Site: Griffin Diebold Project

Job ID: 480-193106-1

Client Sample ID: MW-06S

Lab Sample ID: 480-193106-1

Date Collected: 12/06/21 11:25

Matrix: Water

Date Received: 12/06/21 16:37

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	607776	12/07/21 17:22	WJD	TAL BUF

Client Sample ID: MW-06D

Lab Sample ID: 480-193106-2

Date Collected: 12/06/21 10:24

Matrix: Water

Date Received: 12/06/21 16:37

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	607776	12/07/21 17:45	WJD	TAL BUF

Client Sample ID: MW-07S

Lab Sample ID: 480-193106-3

Date Collected: 12/06/21 13:57

Matrix: Water

Date Received: 12/06/21 16:37

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	607776	12/07/21 18:08	WJD	TAL BUF

Client Sample ID: MW-07D

Lab Sample ID: 480-193106-4

Date Collected: 12/06/21 14:30

Matrix: Water

Date Received: 12/06/21 16:37

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	607776	12/07/21 18:31	WJD	TAL BUF

Client Sample ID: MW-10S

Lab Sample ID: 480-193106-5

Date Collected: 12/06/21 12:52

Matrix: Water

Date Received: 12/06/21 16:37

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	607776	12/07/21 18:54	WJD	TAL BUF

Client Sample ID: FD-120621

Lab Sample ID: 480-193106-6

Date Collected: 12/06/21 00:00

Matrix: Water

Date Received: 12/06/21 16:37

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	607776	12/07/21 19:17	WJD	TAL BUF

Client Sample ID: TB

Lab Sample ID: 480-193106-7

Date Collected: 12/06/21 00:00

Matrix: Water

Date Received: 12/06/21 16:37

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	607776	12/07/21 19:40	WJD	TAL BUF

Laboratory References:

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

Eurofins TestAmerica, Buffalo

Accreditation/Certification Summary

Client: AECOM

Job ID: 480-193106-1

Project/Site: Griffin Diebold Project

Laboratory: Eurofins TestAmerica, Buffalo

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

Authority	Program	Identification Number	Expiration Date
New York	NELAP	10026	04-01-22

Method Summary

Client: AECOM

Job ID: 480-193106-1

Project/Site: Griffin Diebold Project

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: AECOM

Project/Site: Griffin Diebold Project

Job ID: 480-193106-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
480-193106-1	MW-06S	Water	12/06/21 11:25	12/06/21 16:37
480-193106-2	MW-06D	Water	12/06/21 10:24	12/06/21 16:37
480-193106-3	MW-07S	Water	12/06/21 13:57	12/06/21 16:37
480-193106-4	MW-07D	Water	12/06/21 14:30	12/06/21 16:37
480-193106-5	MW-10S	Water	12/06/21 12:52	12/06/21 16:37
480-193106-6	FD-120621	Water	12/06/21 00:00	12/06/21 16:37
480-193106-7	TB	Water	12/06/21 00:00	12/06/21 16:37

Chain of Custody Record

Client Information Client Contact: George Kisluk Company: AECOM Address: One John James Audubon Parkway Suite 210 City: Amherst State, Zip: NY, 14228 Phone: 716-923-1101 Email: george.kisluk@aecom.com Project Name: Griffin Diebold Project Site:		Lab PM: Schove, John R E-Mail: John.Schove@Eurofinset.com Carrier Tracking No(s): State of Origin:		COC No: 480-168278-36817.1 Page: Page 1 of 1 Job #:	
Due Date Requested: TAT Requested (days): Compliance Project: <input type="checkbox"/> Yes <input type="checkbox"/> No PO #: 60552483.1 WO #: george.kisluk@aecom.com Project #: 48020462 SSOW#:		Analysis Requested			
Sample Identification MW-065 MW-060 MW-075 MW-070 MW-105 FD-120621 TB		Sample Date 10/8/21 10/21 10/27 10/30 10/31 11/1 11/2	Sample Time 11:25 10:21 13:57 14:30 12:52 11:00 11:00	Sample Type (C=Comp, G=Grab) G G G G G G	Matrix (W=water, S=solid, O=water/oil, BT=Tissue, AA=Air) Water Water Water Water Water Water Water
Field Filtered Sample (Yes or No) Bottom MS/MSD (Yes or No) 8260C - TCL VOCs		Total Number of Containers 3 1 1 1 1 1 1			
Special Instructions/Note: 480-193106 Chain of Custody		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 X - EDTA Y - other (specify)			

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	
Empty Kit Relinquished by: Relinquished by: [Signature] Relinquished by: [Signature] Relinquished by: [Signature]		Special Instructions/QC Requirements: Method of Shipment:	
Date/Time: 12/16/21 16:57 Date/Time: 12/16/21 16:57 Date/Time: 12/16/21 16:57		Received by: [Signature] Received by: [Signature] Received by: [Signature]	
Company: AECOM Company: AECOM Company: AECOM		Company: TMB Company: TMB Company: TMB	
Custody Seal No.: Yes <input type="checkbox"/> No <input type="checkbox"/>		Cooler Temperature(s) and Other Remarks: 2.9 ICE	

Login Sample Receipt Checklist

Client: AECOM

Job Number: 480-193106-1

Login Number: 193106

List Source: Eurofins TestAmerica, Buffalo

List Number: 1

Creator: Yeager, Brian A

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

ATTACHMENT E

2023 Biennial Groundwater Sampling Letter Report



August 27, 2024

Mr. Joshua Ramsey, P.E.
New York State Department of Environmental Conservation
Division of Environmental Remediation, Region 8
6274 East Avon-Lima Road
Avon, New York 14414-9519

**RE: 2023 Biennial Groundwater Sampling Letter Report
Former Griffin Technology Facility (Site No. 835008)
Farmington, New York**

Dear Mr. Ramsey:

On behalf of Diebold Nixdorf, Inc. (Diebold), AECOM USA, Inc. [(AECOM) – formerly URS Corporation (URS)] has prepared this Biennial Groundwater Sampling Letter Report to summarize field activities as part of the groundwater sampling effort performed in November 2023, in the vicinity of the former Griffin Technology Facility (Site) located in Farmington, New York (Figure 1).

Background

On-Site

The former Griffin Technology facility (Site) is approximately 3.74 acres located at 6132 Victor-Manchester Road in the Town of Farmington, Ontario County (see Figure 1). Griffin Technology manufactured laminated plastic identification cards at the Site from 1975 until the mid-1990s. The manufacturing process generated a small amount of trichloroethene (TCE) waste. From 1975 until 1986, these wastes were disposed of in small batches directly onto the ground surface immediately to the west of the building. The facility has been vacant since the 1990s. Subsequent investigations indicated that there were no significant levels of contamination on-site, however, TCE-impacted groundwater was present on the western side of the on-site building, with some contaminant migration off-site to the southwest.

S & W Redevelopment of North America, LLC (SWRNA) acquired the property in 2007, and implemented an in-situ chemical oxidation (ISCO) groundwater remediation strategy that included the injection of potassium permanganate into the groundwater at and near the source of the contamination to break down and extinguish chlorinated solvent contamination. The initial ISCO treatment occurred in 2008 and was completed in approximately six months. Since the initial ISCO application, there have been several additional ISCO injection and emulsified vegetable oil (EVO) applications in the source area to further reduce groundwater contamination, with the latest injection rounds occurring in the spring and fall of 2016. Overall, SWRNA's groundwater remediation was successful in remediating the groundwater at and in the vicinity of the source and in 2009, SWRNA received a Certificate of Completion under New York State's Brownfield Cleanup Program for the Site. The New York State Department of Environmental Conservation (NYSDEC) is still evaluating the effectiveness of the on-site remedy. In the meantime, groundwater is being monitored on a periodic basis. In 2012, SWRNA sold the property to ARFCOM Holdings, LLC, who later sold it to Case Realty 6132, LLC/ Case Realty Holdings, LLC in 2018. Case Realty 6132, LLC owned the eastern 2.4 acres of the site (Tax ID# 29.00-1-12.000). In January 2024, Case Realty 6132, LLC sold its parcel to Bristol Valley Homes LLC (current owner).

Case Realty Holdings, LLC owned the western abutting 6.6 acre parcel (Tax ID# 29.00-1-76.100), which includes the western portion of the site (1.34 acres). On June 24, 2022, Case Realty Holdings, LLC sold its parcel to Auto Outlets USA Properties Inc. (current owner). Details are in the parcel reports included in Attachment 1.



50 Lakefront Blvd., Suite 111
Buffalo, New York 14202
Tel: 716.856.5636
Fax: 716.856.2545

Off-Site

In 1995, Griffin Technology was purchased by Diebold. Under the terms of the Order on Consent (Index #B8-0315-90-01) negotiated with the NYSDEC, Diebold was obligated to perform off-site groundwater monitoring, and off-site soil vapor monitoring at 6179 Victor-Manchester Road, which is immediately south/southwest of the Site and is currently owned by Farmington Center LLC. On behalf of Diebold, URS completed the off-site groundwater monitoring and off-site soil vapor monitoring fieldwork in August 2009 and submitted the final report in July 2010 (URS, 2010). In a letter dated September 29, 2010, the NYSDEC approved the report and recommendation for no further action with respect to soil vapor.

Under the terms of the Order on Consent, Diebold is required to continue biennial groundwater monitoring of five remaining off-site monitoring wells in accordance with an Operation, Maintenance and Monitoring (OM&M) Plan. The OM&M Plan was approved in June 2011 and has been implemented since by AECOM on behalf of Diebold.

In the 2014 *Supplemental Groundwater Sampling Letter Report* (URS, 2015), URS recommended the decommissioning off-site monitoring wells MW-09S, MW-09D, MW-10S, MW-10D, and MW-11D based on analyses of the data from the 2013 and 2014 sampling events. Subsequent communications between the NYSDEC and Diebold/URS resulted in the agreement to repair MW-10S; decommission MW-09S, MW-09D, MW-10D and MW-11D; and collect supplemental groundwater samples from MW-06S and MW-07S for volatile organic compound (VOC) analyses. These activities were performed in June 2016, and discussions of their execution and data evaluation were presented in the 2016 Periodic Review Report (PRR) (URS, 2017a). The following changes to the OM&M Plan were recommended in the 2016 PRR:

- Conduct groundwater sampling of the remaining off-site wells (i.e., MW-06S, MW-06D, MW-07S, MW-07D and MW-10S) on a biennial basis, beginning in summer 2017.
- Generate biennial PRRs using the data from the aforementioned groundwater sampling.

The summer 2017 sampling event occurred on September 13, 2017, and discussions of its execution and data evaluation were presented in the 2017 Biennial Groundwater Sampling Letter Report (URS, 2017b). In the report, URS concluded that the TCE concentration trends show an overall decrease since 1994. URS recommended an additional round of sampling in summer 2019 to confirm this trend.

The summer 2019 sampling event occurred on June 27, 2019, and discussions of its execution and data evaluation were presented in the 2019 Biennial Groundwater Sampling Letter Report (URS, 2019). In the report, URS concluded that the TCE concentration trends show an overall decrease since 1994. URS recommended suspending groundwater sampling at monitoring well MW-10S but continue to collect depth to water data at this location during monitoring events, and that the PRR will be prepared in accordance with NYSDEC's Division of Environmental Remediation (DER-10) Technical Guidance for Site Investigation and Remediation (NYSDEC, 2010), which will summarize sampling data collected to date. An additional round of sampling was recommended in 2021 to confirm the aforementioned TCE trends. Although it had been previously recommended to collect only water levels at MW-10S for this 2021 round, NYSDEC did not approve that change and groundwater monitoring was performed at MW-10S.

The 2023 field work, which represents the fourth biennial monitoring event, was performed on November 29, 2023, and included collecting water levels and groundwater samples from the five remaining off-site monitoring wells in accordance with the OM&M Plan.

The data generated from the November 2023 field work are discussed below.

Groundwater Levels and Flow Direction

The water level measurements obtained from the November 29, 2023 monitoring event are provided in Table 1. Figure 2 shows the corresponding shallow groundwater potentiometric surface based on the measurements from the three shallow wells. The data show that groundwater flow in the overburden is to the south-southwest towards Beaver Creek. This is consistent with the groundwater flow direction observed during prior sampling events.

In November 2023, horizontal gradients in the overburden were approximately 0.016 foot/foot. The vertical gradient is downward in monitoring well pair MW-07S/D and there was a very slight upward vertical gradient in monitoring well pair MW-06S/D.

Sampling, Analysis and Data Usability

On November 29, 2023, AECOM collected groundwater samples from the monitoring wells (MW-06S, MW-06D, MW-07S, MW-07D, and MW-10S) plus quality assurance/quality control (QA/QC) duplicate sample and matrix spike/duplicate sample. All monitoring wells were found to be appropriately sealed and in good condition without any need for maintenance. Prior to sample collection, water was purged from each well with a bladder pump for MW-07D and a peristaltic pump for the remaining monitoring wells. Dedicated/disposable high-density polyethylene tubing was used at each well. During the well purging, water quality parameters (pH, temperature, specific conductivity, dissolved oxygen, turbidity, and oxidation reduction potential) were measured utilizing a flow-through cell. The wells were purged at a rate of 1-liter per minute or less and the purge rate was adjusted to prevent the water level in the well from dropping more than 0.3 feet from the static water level. Each well was purged until the water quality parameters stabilized for a minimum of three readings. Low Flow Purge Logs can be found in Attachment 2.

Groundwater samples were transported under chain-of-custody control to ALS Environmental, located in Rochester, New York, for the analysis of volatile organic compounds (VOCs) by United States Environmental Protection Agency (USEPA) Method 8260C. AECOM validated the analytical results and prepared a Data Usability Summary Report (DUSR). Data qualifiers were added to methyl acetate and acetone, and all data are usable as reported. The complete validated analytical results are presented in the DUSR in Attachment 3.

Analytical Summary/ Contamination Assessment

The validated groundwater analytical results are summarized in Table 2 and shown in Figure 2. VOCs are compared to NYSDEC Division of Water Technical and Operational Guidance Series (TOGS) No. 1.1.1 Class GA groundwater criteria. Exceedances of the groundwater criteria are indicated with an oval. The following is a summary of the analytical results:

- TCE was detected at concentrations exceeding its Class GA groundwater standard (5 micrograms per liter [µg/L]) in the samples collected from MW-06S (27 µg/L), MW-06D (27 µg/L), MW-07S (24 µg/L), MW-07D (9.9 µg/L) and MW-10S (5.2 µg/L).
- Cis-1,2-dichloroethene (DCE) was detected at concentrations exceeding its Class GA groundwater standard (5 µg/L) in the samples collected from MW-06S (9.6 µg/L), MW-06D (6.9 µg/L) and MW-07D (12 µg/L).
- Vinyl Chloride (VC) was detected at concentrations exceeding its Class GA groundwater standard (2 µg/L) in the samples collected from MW-06D (3.0 µg/L) and MW-07D (5.2 µg/L).
- No other compounds were detected at concentrations exceeding their Class GA groundwater criteria.

TCE is the primary contaminant in the off-site monitoring wells. Figure 3 displays a graphic trend analysis of TCE concentrations in these wells during the period of 1994 to 2024. Figure 4 depicts the VOCs detected

above New York State Class GA groundwater standards over the last several sampling rounds. The trends show an overall decrease in TCE concentrations since 1994, with the following exceptions:

- The November 2023 TCE concentration in MW-06S is higher than previous results in 2021.
- The November 2023 TCE concentration in MW-07D is slightly higher than previous results in 2021.
- All other November 2023 results are lower than the previous event.

A Mann-Kendall trend analysis was performed on the historical VOC concentrations for the period of 1994 to 2024. The trend analysis is presented in Table 3 and shows the following:

- In MW-06S, there is a downward trend for 1,1,1-trichloroethane (1,1,1-TCA) and upward trends for 1,1-dichloroethane (1,1-DCA), cis-1,2-DCE and VC.
- In MW-06D, there are downward trends for 1,1,1-TCA and TCE, and upward trends for 1,1-DCA, cis-1,2-DCE, and VC.
- In MW-07D, there are downward trends for 1,1,1-TCA and TCE, and an upward trend for cis-1,2-DCE.
- In MW-07S, there are downward trends for 1,1,1-TCA, cis-1,2-DCE, and TCE.
- In MW-10S, no trends were present.

Conclusions

The south-southwest direction of groundwater flow at the Site has remained consistent since 2009.

The only VOCs detected at concentrations exceeding their standards were TCE, cis-1,2-DCE and VC. The Mann-Kendall analysis shows an upward trend in concentrations of cis-1,2-DCE which is likely due to reductive dechlorination of TCE, although the magnitude of increase is relatively small. The TCE concentration trends show an overall decrease since 1994.

Recommendations

Because groundwater analytical results from samples collected from monitoring wells in the off-site downgradient area do not meet New York State Class GA standards, and no significant improvements in dissolved phase groundwater contamination at the source area has been reported, no changes to the current monitoring requirements are recommended at this time. AECOM recommends an additional round of sampling in Summer 2026 at all current off-site monitoring wells (MW-06S, MW-06D, MW-07S, MW-07D, and MW-10S) to confirm the observed trends and that the PRR be prepared in accordance with DER-10 (NYSDEC, 2010).

References

- NYSDEC, 2010. *DER-10 / Technical Guidance for Site Investigation and Remediation*. May 3.
- URS, 2010. *Soil Vapor Intrusion Study/ Groundwater Sampling Letter Report, Former Griffin Technology Facility, Farmington, New York*. July
- URS, 2015. *Supplemental Groundwater Sampling Letter Report, Former Griffin Technology Facility, Farmington, New York*. January
- URS, 2017a. *Periodic Review Report 2016, Former Griffin Technology Facility, Farmington, New York*. March

URS, 2017b. *2017 Biennial Groundwater Sampling Letter Report, Former Griffin Technology Facility (Site No. 835008), Farmington, New York.* November

URS, 2019. *2019 Biennial Groundwater Sampling Letter Report, Former Griffin Technology Facility (Site No. 835008), Farmington, New York.* September

AECOM, 2022. *2021 Biennial Groundwater Sampling Letter Report, Former Griffin Technology Facility (Site No. 835008), Farmington, New York.* April

The following tables, figures and attachments are included as part of this field investigation letter report:

Tables

Table 1	Groundwater Elevations – November 29, 2023
Table 2	Groundwater Analytical Results (Detected Compounds Only)
Table 3	Groundwater Sampling Analytical Result Trends (Detected VOCs Only)

Figures

Figure 1	Site Location
Figure 2	2023 Groundwater Sample Results Exceeding Criteria and Shallow Groundwater Potentiometric Surface
Figure 3	Trichloroethene Trends (Existing Wells)
Figure 4	Historical Groundwater Sampling Results Exceeding Criteria

Attachments

Attachment 1	Parcel Reports
Attachment 2	Purge Logs
Attachment 3	Data Usability Summary Report and Complete Analytical Report

Please contact me at 716-856-5636 if you have any questions or comments.

Sincerely,



AECOM USA, Inc.
Michael Gutmann, PG
Sr. Project Manager

cc: File: 13816402
Daniel G. Fousek, Diebold, Inc.
Jeff Reinmann, Diebold, Inc.
Ms. Wendlene M. Lavey, Esq., McMahon DeGulis LLP
Kevin J. McGovern, PG, CHMM, STS (AECOM)

TABLES

TABLE 1
GROUNDWATER ELEVATIONS
NOVEMBER 29, 2023
FORMER GRIFFIN TECHNOLOGY FACILITY - OFF-SITE AREA
FARMINGTON, NEW YORK

Well ID	Top of Casing Elevation (ft. amsl)	Depth to Groundwater (ft. from Top of Casing)	Groundwater Elevation (ft. amsl)
MW-06S	636.61	11.89	624.72
MW-06D	636.83	12.10	624.73
MW-07S	634.29	10.65	623.64
MW-07D	634.16	34.75	599.41
MW-10S	629.00	15.00	614.00

ft. = feet

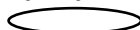
amsl = above mean sea level

TABLE 2
GROUNDWATER ANALYTICAL RESULTS (DETECTED COMPOUNDS ONLY)
NOVEMBER 2023 SAMPLING EVENT
FORMER GRIFFIN TECHNOLOGY FACILITY SITE

Location ID			MW-06D	MW-06D	MW-06S	MW-07D	MW-07S
Sample ID			FD-112923	MW-06D	MW-06S	MW-07D	MW-07S
Matrix			Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Depth Interval (ft)			-	-	-	-	-
Date Sampled			11/29/23	11/29/23	11/29/23	11/29/23	11/29/23
Parameter	Units	Criteria*	Field Duplicate (1-1)				
Volatile Organic Compounds							
1,1,1-Trichloroethane	UG/L	5	0.60 1	0.58 J	0.42 J		0.34 J
1,1-Dichloroethane	UG/L	5	0.83 J	0.87 J	0.93 J	0.23 J	
1,2-Dichloroethene (cis)	UG/L	5	6.7	6.9	9.6	12	2.4 J
Chloromethane	UG/L	5				4.3 J	
Trichloroethene	UG/L	5	27	26	27	9.9	24
Vinyl chloride	UG/L	2	2.8 J	3.0 J	1.8 J	5.2	0.89 J

*Criteria- NYSDEC TOGS (1.1.1), Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations. June 1998 (includes 4/2000 and 6/2004 Addenda) Class GA.

Flags assigned during chemistry validation are shown.

 Concentration Exceeds Criteria

J - The reported concentration is an estimated value. Blank Cell or ND - Not Detected.

Only Detected Results Reported.

Advanced Selection: Griffin 2023
C:\Temp\Small Chem DB\EDMS.mde
Printed: 12/21/2023 7:40:38 AM

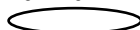
[SITEID] = '13807296' AND [LOGDATE] >= #11/01/2023# AND [MATRIX] = 'WG' AND ([SACODE] = 'FD' OR [SACODE] = 'N')

TABLE 2
GROUNDWATER ANALYTICAL RESULTS (DETECTED COMPOUNDS ONLY)
NOVEMBER 2023 SAMPLING EVENT
FORMER GRIFFIN TECHNOLOGY FACILITY SITE

Location ID			MW-10S
Sample ID			MW-10S
Matrix			Groundwater
Depth Interval (ft)			-
Date Sampled			11/29/23
Parameter	Units	Criteria*	
Volatile Organic Compounds			
1,1,1-Trichloroethane	UG/L	5	
1,1-Dichloroethane	UG/L	5	
1,2-Dichloroethene (cis)	UG/L	5	0.51 J
Chloromethane	UG/L	5	
Trichloroethene	UG/L	5	5.2
Vinyl chloride	UG/L	2	

*Criteria- NYSDEC TOGS (1.1.1), Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations. June 1998 (includes 4/2000 and 6/2004 Addenda) Class GA.

Flags assigned during chemistry validation are shown.

 Concentration Exceeds Criteria

J - The reported concentration is an estimated value. Blank Cell or ND - Not Detected.

Only Detected Results Reported.

Advanced Selection: Griffin 2023
C:\Temp\Small Chem DB\EDMS.mde
Printed: 12/21/2023 7:40:39 AM

[SITEID] = '13807296' AND [LOGDATE] >= #11/01/2023# AND [MATRIX] = 'WG' AND ([SACODE] = 'FD' OR [SACODE] = 'N')

TABLE 3
GROUNDWATER SAMPLING ANALYTICAL RESULT TRENDS (DETECTED VOCS ONLY)
FORMER GRIFFIN TECHNOLOGY FACILITY SITE

LOCID: MW-06D

Parameter	Matrix	Class	Num of Data Points	Num of Data Point Detections	Mann-Kendall Statistic S	Probabilities (1)	Trend (2)
1,1,1-Trichloroethane	WG	VOA	21	17	-130	No Value	Downward Trend
1,1-Dichloroethane	WG	VOA	6	3	9	0.068	Upward Trend
1,2-Dichloroethene (cis)	WG	VOA	21	11	79	0.009	Upward Trend
Acetone	WG	VOA	21	2	14	0.349	No Trend
Trichloroethene	WG	VOA	21	20	-133	No Value	Downward Trend
Vinyl chloride	WG	VOA	21	4	69	0.021	Upward Trend

LOCID: MW-06S

Parameter	Matrix	Class	Num of Data Points	Num of Data Point Detections	Mann-Kendall Statistic S	Probabilities (1)	Trend (2)
1,1,1-Trichloroethane	WG	VOA	22	13	-62	0.045	Downward Trend
1,1-Dichloroethane	WG	VOA	7	3	12	0.068	Upward Trend
1,2-Dichloroethene (cis)	WG	VOA	22	10	84	0.01	Upward Trend
Trichloroethene	WG	VOA	22	18	-19	0.308	No Trend
Vinyl chloride	WG	VOA	22	4	71	0.024	Upward Trend

LOCID: MW-07D

Parameter	Matrix	Class	Num of Data Points	Num of Data Point Detections	Mann-Kendall Statistic S	Probabilities (1)	Trend (2)
1,1,1-Trichloroethane	WG	VOA	21	6	-77	0.011	Downward Trend
1,1-Dichloroethene	WG	VOA	6	1	-1	0.5	No Trend
1,2-Dichloroethene (cis)	WG	VOA	21	21	51	0.07	Upward Trend
Acetone	WG	VOA	21	1	14	0.349	No Trend
Chloromethane	WG	VOA	6	1	5	0.235	No Trend
Trichloroethene	WG	VOA	21	21	-156	No Value	Downward Trend
Vinyl chloride	WG	VOA	21	8	42	0.109	No Trend

LOCID: MW-07S

Parameter	Matrix	Class	Num of Data Points	Num of Data Point Detections	Mann-Kendall Statistic S	Probabilities (1)	Trend (2)
1,1,1-Trichloroethane	WG	VOA	22	15	-135	No Value	Downward Trend
1,2-Dichloroethene (cis)	WG	VOA	22	19	-70	0.027	Downward Trend
Acetone	WG	VOA	22	2	33	0.186	No Trend
Trichloroethene	WG	VOA	22	21	-159	No Value	Downward Trend

For multiple observations per time period, the Mann-Kendall test to the median was used.

Data reported as less than the detection limit were used by assigning a common value to the data that was smaller than the smallest measurement in the data set.

(1) - Probabilities for Mann-Kendall Nonparametric Test for Trend (Gilbert R.O. 1987, Table A18).

(2) - Assuming a probability of error of 10% in the analysis method and/or data, then the probability of no trend as calculated by the Mann-Kendall statistic is less than 10%, then it is assumed that there is a trend.

* - Number of observations too small to calculate probabilities.

** - Probability Undefined for S=0 and N=6, 7, 10, 11, 14, 15, 18, 19, 22, 23, 26, 27, 30, 31, 34, or 35.

TABLE 3
GROUNDWATER SAMPLING ANALYTICAL RESULT TRENDS (DETECTED VOCS ONLY)
FORMER GRIFFIN TECHNOLOGY FACILITY SITE

LOCID: MW-07S

Parameter	Matrix	Class	Num of Data Points	Num of Data Point Detections	Mann-Kendall Statistic S	Probabilities (1)	Trend (2)
Vinyl chloride	WG	VOA	22	1	21	0.289	No Trend

LOCID: MW-10S

Parameter	Matrix	Class	Num of Data Points	Num of Data Point Detections	Mann-Kendall Statistic S	Probabilities (1)	Trend (2)
1,1,1-Trichloroethane	WG	VOA	21	1	-18	0.306	No Trend
1,2-Dibromo-3-chloropropane	WG	VOA	7	1	0	Undefined **	
1,2-Dichloroethene (cis)	WG	VOA	21	2	32	0.177	No Trend
Trichloroethene	WG	VOA	21	16	-19	0.306	No Trend

For multiple observations per time period, the Mann-Kendall test to the median was used.

Data reported as less than the detection limit were used by assigning a common value to the data that was smaller than the smallest measurement in the data set.

(1) - Probabilities for Mann-Kendall Nonparametric Test for Trend (Gilbert R.O. 1987, Table A18).

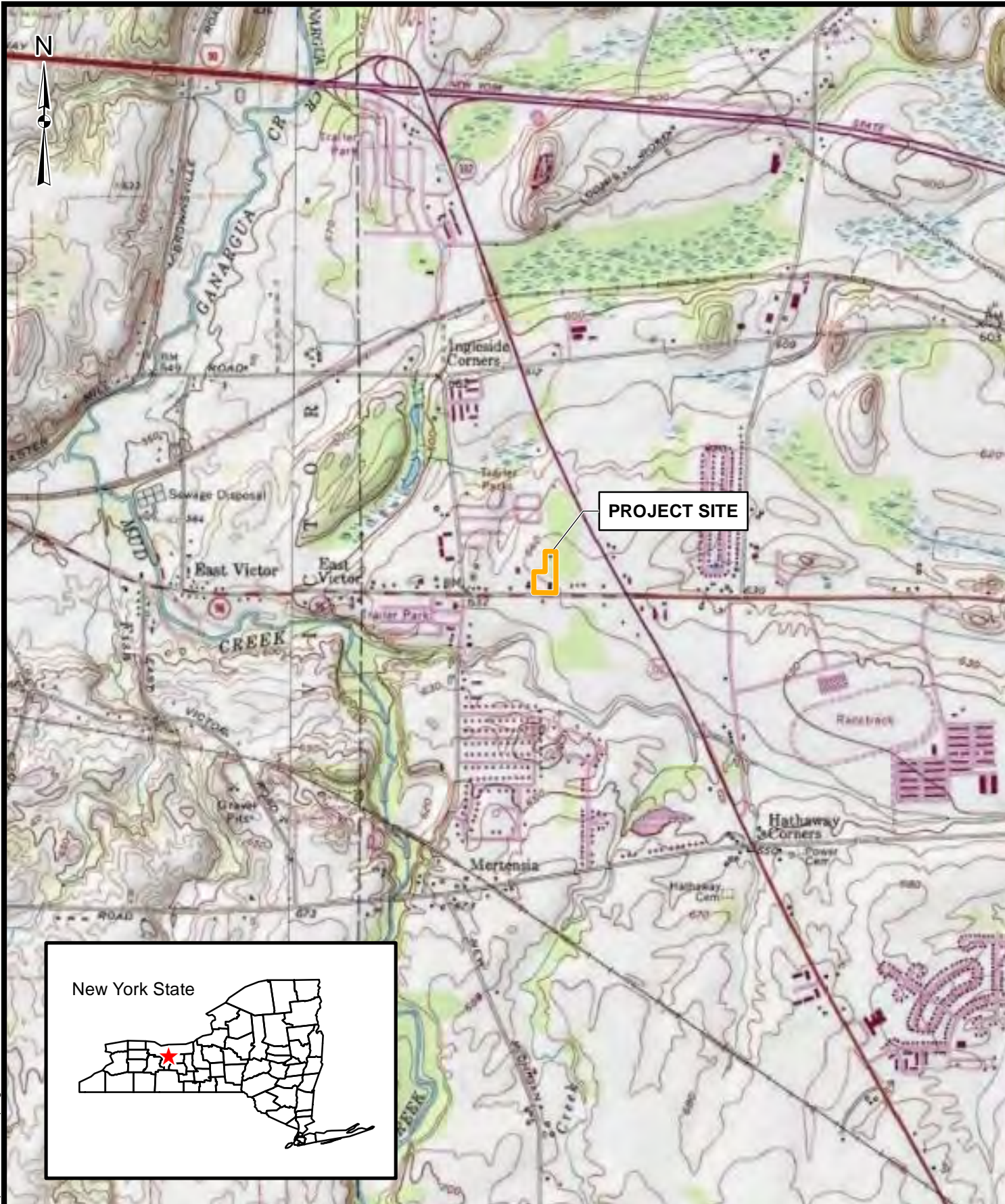
(2) - Assuming a probability of error of 10% in the analysis method and or data, then the probability of no trend as calculated by the Mann-Kendall statistic is less than 10%, then it is assumed that there is a trend.

* - Number of observations too small to calculate probabilities.

** - Probability Undefined for S=0 and N=6, 7, 10, 11, 14, 15, 18, 19, 22, 23, 26, 27, 30, 31, 34, or 35.

Only Detected Results Reported.

FIGURES



Source:
- National Geographic TOPO! via ArcGIS online data services.

2,000 0 2,000 Feet

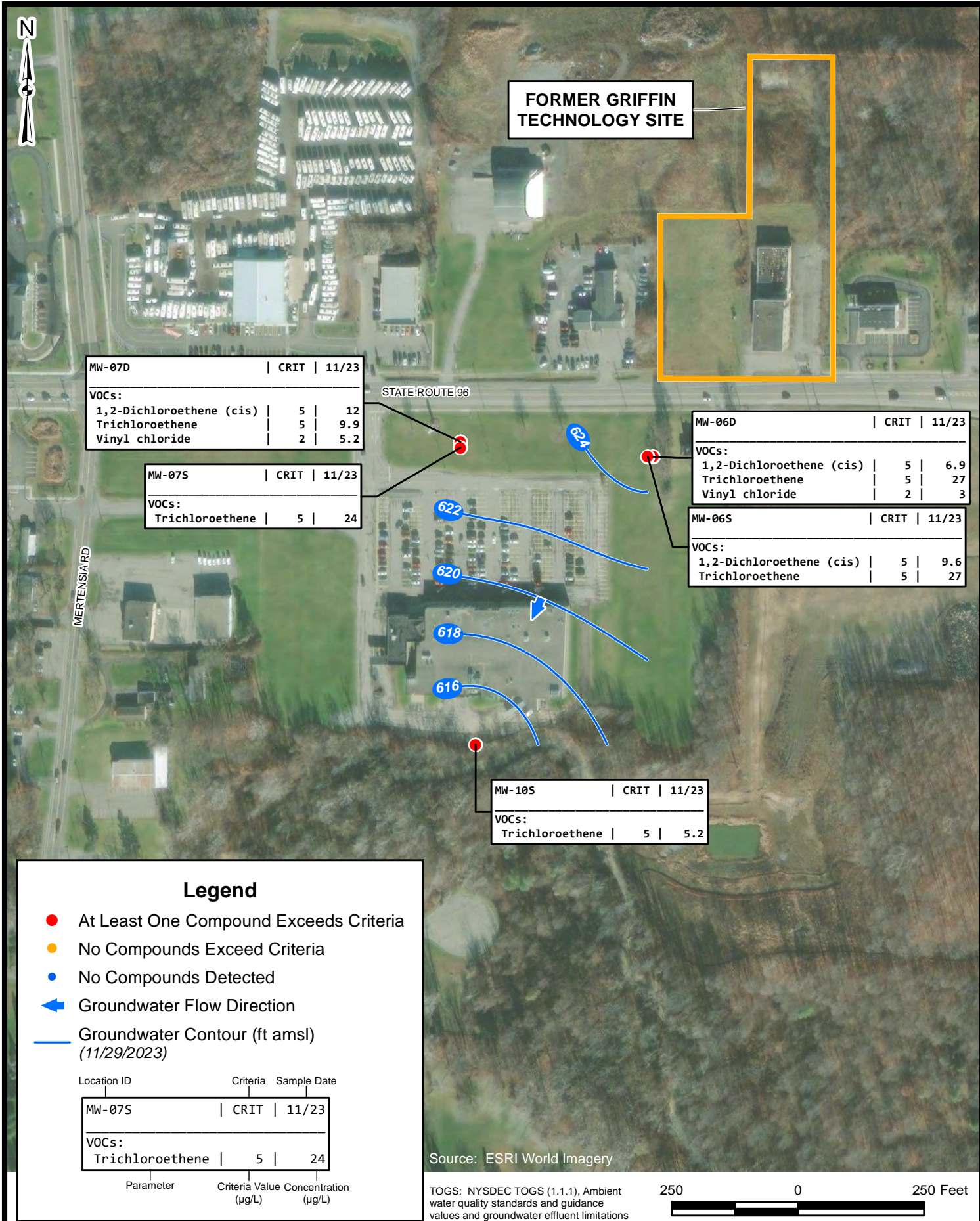
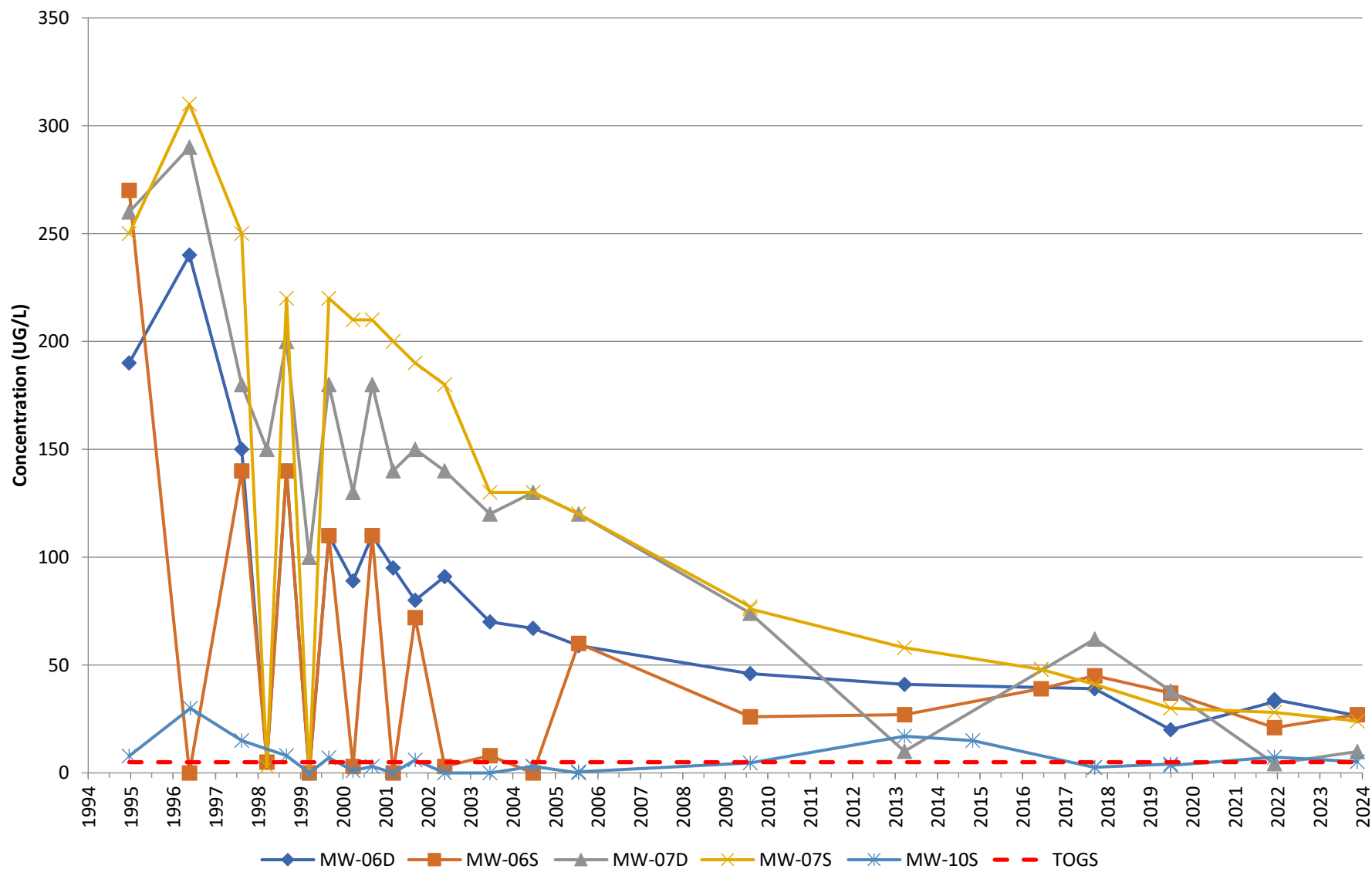
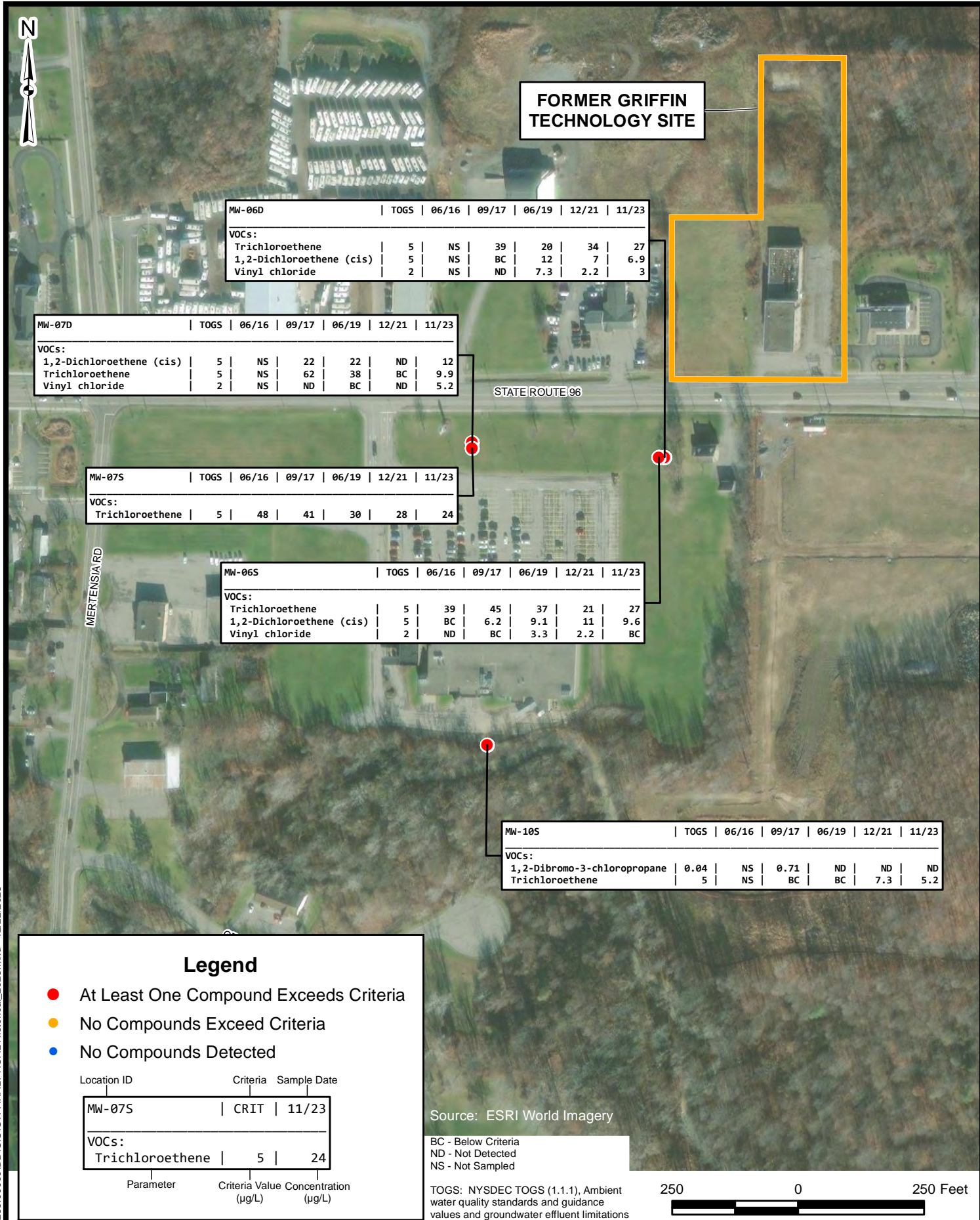


FIGURE 3
Trichloroethene Trends
(Existing Wells)





ATTACHMENT 1

PARCEL REPORTS

ONCOR Ontario County Online Resources

Ontario County GIS Program
70 Ontario Street
Canandaigua, NY 14424



NOTE: Inventory and assessment data originates with the respective local assessor

PROPERTY SUMMARY REPORT

Tax Map ID:	29.00-1-12.000
Physical Address:	6132 St Rt 96
Community:	Town of Farmington
Easting: 612416	Northing: 1085094
Acres: 2.30	Neighborhood: 28580
Roll Section: 1 2024	Utilities: Gas & elec
Property Class: 710	Manufacture
School District:	Victor Central
Frontage: .00	Depth: .00
Heat:	Obstructions:
Fuel:	% NYS DEC Wetland: 0
Water: Comm/public	% NWI Wetland: 0
Sewer: Comm/public	% Steep Slope: 0
	% Flood Zone (A, AE): 0

BUILDING DETAILS (primary building only)

Year Built:	1980	Square Feet:	12000
Condition:	Normal		
Style:	2-4 sty mfg fire steel		
Stories:	2	Central Air:	
Siding:			
Basement:			
Full Baths:		Half Baths:	
Bedrooms:		Fireplaces:	

Please see Parcel Detail Report for complete information

Assessed Values

Full Market Value:	\$85100
Total Assessment:	\$80000
Land Assessment:	\$80000

Owner Information

BRISTOL VALLEY HOMES LLC
745 TITUS AVE
ANNEX BLDG
ROCHESTER NY 14617 -

Recent Residential Sales

Valid Sales Only within the past three years

Date: **Price:** **Sale Type:**



Click here to look up your polling station

Notes:

Deed Book: 1532 **Page:** 763 **Date Filed:** 1/23/2024

Comments:



THIS MAP AND INFORMATION IS PROVIDED "AS IS" AND ONTARIO COUNTY MAKES NO WARRANTIES OR GUARANTEES, EXPRESSED OR IMPLIED, INCLUDING WARRANTIES OF TITLE, NON-INFRINGEMENT, MERCHANTABILITY AND THAT OF FITNESS FOR A PARTICULAR PURPOSE CONCERNING THIS MAP AND THE INFORMATION CONTAINED HEREIN. USER ASSUMES ALL RISKS AND RESPONSIBILITY FOR DETERMINING WHETHER THIS INFORMATION IS SUFFICIENT FOR PURPOSES INTENDED.

Tuesday, July 9, 2024

Previous Owners

OWNER NAME(S): CASE REALTY 6132 LLC

DEED DATE: 1/5/2018

DEED BOOK: 1399

DEED PAGE: 62

CLERK NUMBER: 201801050079

COMMENTS:

OWNER NAME(S): ARFCOM HOLDINGS, LLC

DEED DATE: 4/23/2012

DEED BOOK: 1276

DEED PAGE: 880

CLERK NUMBER: 201204230210

COMMENTS:

OWNER NAME(S): SW VICTOR-MANCHESTER, LLC

DEED DATE: 09/19/2007

DEED BOOK: 1192

DEED PAGE: 134

CLERK NUMBER: 200709190136

COMMENTS:

OWNER NAME(S): GRIFFIN TECHNOLOGY, INC.

DEED DATE: 7/1/1973

DEED BOOK: 730

DEED PAGE: 290

CLERK NUMBER:

COMMENTS:



Tax Information

SPECIAL DISTRICT TAX RATES

Special District	Code	SD Tax Rate	UN Tax Rate	FE Tax Rate
Drainage District #1	DD281	0.178967	0	0
Farm Fire Protection	FD281	0.491323	0	0
Cdga-Farm Water	WD281	0.835629	0	0

EXEMPTIONS

Exemptions Description	County	Town	Village	School
------------------------	--------	------	---------	--------

ESTIMATED TAXES WORKSHEET

The workspace below can be used to estimate the TRUE taxes for this property. Users are strongly urged to contact the Ontario County Treasure's Office (585-396-4432) to verify exact total taxes. If the property is in one of the cities, please contact either the City of Canandaigua (585-396-5015) or the City of Geneva (315-789-2114) depending on the location.

TAX TYPE	TAX RATE		TOTAL ASSESSED VALUE		TOTAL TAXES	TAX YEAR
SCHOOL:	14.29625	X	\$80000.00	/1000 =	\$1143.70	2023-2024
COUNTY:	5.980461	X	\$80000.00	/1000 =	\$478.44	2023-2024
TOWN OR CITY:	0.700171	X	\$80000.00	/1000 =	\$56.01	2023-2024
VILLAGE:	0	X	\$80000.00	/1000 =	\$0.00	2023-2024

Municipal and School Taxes Subtotal: \$1678.15

+ Special District Taxes Subtotal:

TOTAL ESTIMATED TAXES:

SURVEYS

Survey ID	Survey Link (copy and paste in browser)
31046A 04/03/2009	https://oncorng.co.ontario.ny.us/surveys/31046A.tiff
31046B 04/03/2009	https://oncorng.co.ontario.ny.us/surveys/31046B.tiff FILED 3/26/2009, LABELLA ASSOCIATES

TAX BILLS

Copy and paste link in a browser

School: https://oncorng.co.ontario.ny.us/TaxbillSchool/29.00-1-12.000_School.pdf

County/Town: https://oncorng.co.ontario.ny.us/TaxbillCountyTown/29.00-1-12.000_CountyTown.pdf

City:

Village:



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Tuesday, July 9, 2024

ADDITIONAL INVENTORY

IMPROVEMENTS

Structure Description:	Year:	SqFt:	Dim1:	Dim2:	Condition:	Grade:
Barn-pole	1980	2400	40	60	Normal	Average
Pavng-asphlt	1980	9200	0	0	Normal	Average

LAND DESCRIPTION

Land Type:	Waterfront:	Soil Rating:	Acres:	Depth:	Frontage:
Primary			2	0	0



INDIVIDUAL BUILDING DETAILS

RESIDENTIAL BUILDINGS

Building details are followed by area dimensions provided in square feet

Building Style:

Actual Year Built:

Effective Year Built:

Year Remodeled:

Number of Bedrooms:

Number of Full Baths:

Number of Half Baths:

Number of Kitchens:

Number of Fireplaces:

Overall Condition:

Construction Grade:

Number of Stories:

Heating Type:

Fuel Type:

Exterior Wall Material:

Exterior Condition:

Basement Type:

Central Air (1 = Yes)

Total Living Area:

First Story:

Second Story:

Additional Story:

Half Story:

Unfinished:

3/4 Story:

Unfinished:

Finished Basement Area:

Finished Attic Area:

Finished Rec Room Area:

Finished Over Garage:



COMMERCIAL BUILDINGS

Building Number:	1	Overall Condition:	Normal
Building Section:	1	Quality:	Average
Year Built:	1980	Number of Stories:	2
Number of Indent Buildings:	1	Story Height:	14
Percent Air-conditioned:	100	Basement Type:	
Percent Alarmed:	100	Number of Elevators:	0
Percent Sprinkler:	0	Boekh Model Number:	
Gross Floor Area:	12000	Boekh Model Code:	819
Perimeter:	640	Wall A:	100
Basement Square Footage:	0	Wall B:	0
Basement Perimeter:	0	Wall C:	0

Building Number:	1	Overall Condition:	Normal
Building Section:	2	Quality:	Average
Year Built:	1980	Number of Stories:	1
Number of Indent Buildings:	1	Story Height:	14
Percent Air-conditioned:	100	Basement Type:	
Percent Alarmed:	100	Number of Elevators:	0
Percent Sprinkler:	0	Boekh Model Number:	
Gross Floor Area:	6000	Boekh Model Code:	811
Perimeter:	320	Wall A:	100
Basement Square Footage:	0	Wall B:	0
Basement Perimeter:	0	Wall C:	0



PROPERTY ANALYSIS

Type:	Description:	Acres:	% Coverage:
Ecological Community	Community Description TBD	2.41	100.000%
NRCS Soils	Kendaia loam, 0 to 3 percent slopes	0.25	10.5%
NRCS Soils	Farmington loam, 0 to 3 percent slopes	0.76	31.3%
NRCS Soils	Ovid silt loam, 0 to 3 percent slopes	1.40	58.2%
Utilities - Electric	ROCHESTER GAS & ELECTRIC	2.41	100.0%
Utilities - Gas	ROCHESTER GAS & ELECTRIC	2.41	100.0%
Utilities - Telephone	Frontier Telephone of Rochester	2.41	100.0%
Utilities - Telephone	Finger Lakes Technology Group	2.41	100.0%
Watershed	S. Bk-W/S Divide to Hathaway Brook	2.41	100.0%
Wetlands - NWI	Freshwater Forested/Shrub Wetland	0.00	0.0%



LOCAL ZONING

Note: OnCOR users are strongly urged to contact the municipal planning/zoning office to confirm accuracy of the zoning information listed below.

Type:	Description:	% Coverage:
Town of Farmington MTOD Overlay	Major Thoroughfare Overlay	100.0%
Town of Farmington Zoning	GB - General Business	100.0%



ONCOR Ontario County Online Resources

Ontario County GIS Program
70 Ontario Street
Canandaigua, NY 14424



NOTE: Inventory and assessment data originates with the respective local assessor

PROPERTY SUMMARY REPORT

Tax Map ID:	29.00-1-76.100
Physical Address:	St Rt 96
Community:	Town of Farmington
Easting: 612190	Northing: 1085260
Acres: 6.60	Neighborhood: 28580
Roll Section: 1 2024	Utilities: Gas & elec
Property Class: 330	Vacant comm
School District:	Victor Central
Frontage: .00	Depth: .00
Heat:	Obstructions:
Fuel:	% NYS DEC Wetland: 0
Water: Comm/public	% NWI Wetland: 0
Sewer: Comm/public	% Steep Slope: 0
	% Flood Zone (A, AE): 0

BUILDING DETAILS (primary building only)

Year Built:	Square Feet:
Condition:	
Style:	
Stories:	Central Air:
Siding:	
Basement:	
Full Baths:	Half Baths:
Bedrooms:	Fireplaces:

Please see Parcel Detail Report for complete information

Assessed Values

Full Market Value:	\$377900
Total Assessment:	\$355200
Land Assessment:	\$355200

Owner Information

AUTO OUTLETS USA PROPERTIES INC;80%INT; 6162 STATE
ROUTE 96;20%INT
WEBSTER NY 14580 -

Recent Residential Sales

Valid Sales Only within the past three years

Date: **Price:** **Sale Type:**

Notes:



Click here to look up your polling station

Deed Book: 1498 **Page:** 995 **Date Filed:** 6/24/2022

Comments:



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Tuesday, July 9, 2024

Previous Owners

OWNER NAME(S): CASE REALTY HOLDINGS LLC

DEED DATE: 1/5/2018

DEED BOOK: 1399

DEED PAGE: 70

CLERK NUMBER: 201801050081

COMMENTS:

OWNER NAME(S): ARFCOM HOLDINGS, LLC

DEED DATE: 4/23/2012

DEED BOOK: 1276

DEED PAGE: 880

CLERK NUMBER: 201204230210

COMMENTS:

OWNER NAME(S): SW VICTOR-MANCHESTER, LLC

DEED DATE: 09/19/2007

DEED BOOK: 1192

DEED PAGE: 134

CLERK NUMBER: 200709190136

COMMENTS:

OWNER NAME(S): GRIFFIN TECHNOLOGY, INC.

DEED DATE: 12/1/1991

DEED BOOK: 913

DEED PAGE: 858

CLERK NUMBER:

COMMENTS:

OWNER NAME(S): SOLD 0.40A TO CARTER, ALBERT T

DEED DATE: 12/01/1991

DEED BOOK: 913

DEED PAGE: 865

CLERK NUMBER:

COMMENTS:

OWNER NAME(S): CARTER TOOL CORP

DEED DATE: 01/01/1979

DEED BOOK: 786

DEED PAGE: 323

CLERK NUMBER:

COMMENTS:

OWNER NAME(S): CARTER, ALBERT T

DEED DATE: 03/01/1978

DEED BOOK: 776

DEED PAGE: 1145

CLERK NUMBER:

COMMENTS:

OWNER NAME(S): SCAMPOLE, JAMES V

DEED DATE: 11/01/1977

DEED BOOK: 772

DEED PAGE: 442

CLERK NUMBER:

COMMENTS:

OWNER NAME(S): SCAMPOLE, JAMES V & BALZANO, RICHARD

DEED DATE: 06/01/1971

DEED BOOK: 711

DEED PAGE: 160



CLERK NUMBER:

COMMENTS:



Tax Information

SPECIAL DISTRICT TAX RATES

Special District	Code	SD Tax Rate	UN Tax Rate	FE Tax Rate
Drainage District #1	DD281	0.178967	0	0
Farm Fire Protection	FD281	0.491323	0	0
Cdga-Farm Water	WD281	0.835629	0	0

EXEMPTIONS

Exemptions Description	County	Town	Village	School
------------------------	--------	------	---------	--------

ESTIMATED TAXES WORKSHEET

The workspace below can be used to estimate the TRUE taxes for this property. Users are strongly urged to contact the Ontario County Treasure's Office (585-396-4432) to verify exact total taxes. If the property is in one of the cities, please contact either the City of Canandaigua (585-396-5015) or the City of Geneva (315-789-2114) depending on the location.

TAX TYPE	TAX RATE		TOTAL ASSESSED VALUE		TOTAL TAXES	TAX YEAR
SCHOOL:	14.29625	X	\$355200.00	/1000 =	\$5078.03	2023-2024
COUNTY:	5.980461	X	\$355200.00	/1000 =	\$2124.26	2023-2024
TOWN OR CITY:	0.700171	X	\$355200.00	/1000 =	\$248.70	2023-2024
VILLAGE:	0	X	\$355200.00	/1000 =	\$0.00	2023-2024

Municipal and School Taxes Subtotal: \$7450.99

+ Special District Taxes Subtotal:

TOTAL ESTIMATED TAXES:

SURVEYS

Survey ID	Survey Link (copy and paste in browser)
19442	https://oncorng.co.ontario.ny.us/surveys/19442.tiff
11/15/2013	FILED 12/11/1991, DJ PARRONE AND ASSOCIATES

TAX BILLS

Copy and paste link in a browser

School: https://oncorng.co.ontario.ny.us/TaxbillSchool/29.00-1-76.100_School.pdf

County/Town: https://oncorng.co.ontario.ny.us/TaxbillCountyTown/29.00-1-76.100_CountyTown.pdf

City:

Village:



ADDITIONAL INVENTORY

IMPROVEMENTS

Structure Description:

Year:

SqFt:

Dim1:

Dim2:

Condition:

Grade:

LAND DESCRIPTION

Land Type:

Waterfront:

Soil Rating:

Acres:

Depth:

Frontage:

Primary

2

0

0

Residual

4

0

0



INDIVIDUAL BUILDING DETAILS

RESIDENTIAL BUILDINGS

Building details are followed by area dimensions provided in square feet

Building Style:

Actual Year Built:

Effective Year Built:

Year Remodeled:

Number of Bedrooms:

Number of Full Baths:

Number of Half Baths:

Number of Kitchens:

Number of Fireplaces:

Overall Condition:

Construction Grade:

Number of Stories:

Heating Type:

Fuel Type:

Exterior Wall Material:

Exterior Condition:

Basement Type:

Central Air (1 = Yes)

Total Living Area:

First Story:

Second Story:

Additional Story:

Half Story:

Unfinished:

3/4 Story:

Unfinished:

Finished Basement Area:

Finished Attic Area:

Finished Rec Room Area:

Finished Over Garage:



COMMERCIAL BUILDINGS

Building Number:

Building Section:

Year Built:

Number of Indent Buildings:

Percent Air-conditioned:

Percent Alarmed:

Percent Sprinkler:

Gross Floor Area:

Perimeter:

Basement Square Footage:

Basement Perimeter:

Overall Condition:

Quality:

Number of Stories:

Story Height:

Basement Type:

Number of Elevators:

Boekh Model Number:

Boekh Model Code:

Wall A:

Wall B:

Wall C:



PROPERTY ANALYSIS

Type:	Description:	Acres:	% Coverage:
Ecological Community	Community Description TBD	6.60	100.000%
NRCS Soils	Cazenovia silt loam, 3 to 8 percent slopes	1.43	21.7%
NRCS Soils	Farmington loam, 3 to 8 percent slopes	0.35	5.3%
NRCS Soils	Palmyra gravelly loam, 0 to 3 percent slopes	0.09	1.3%
NRCS Soils	Kendaia loam, 0 to 3 percent slopes	0.36	5.5%
NRCS Soils	Farmington loam, 0 to 3 percent slopes	3.23	49.0%
NRCS Soils	Ovid silt loam, 0 to 3 percent slopes	1.14	17.3%
Utilities - Electric	ROCHESTER GAS & ELECTRIC	6.60	100.0%
Utilities - Gas	ROCHESTER GAS & ELECTRIC	6.60	100.0%
Utilities - Telephone	Frontier Telephone of Rochester	6.60	100.0%
Utilities - Telephone	Finger Lakes Technology Group	6.60	100.0%
Watershed	S. Bk-W/S Divide to Hathaway Brook	6.60	100.0%



LOCAL ZONING

Note: OnCOR users are strongly urged to contact the municipal planning/zoning office to confirm accuracy of the zoning information listed below.

Type:	Description:	% Coverage:
Town of Farmington MTOD Overlay	Major Thoroughfare Overlay	100.0%
Town of Farmington Zoning	GB - General Business	100.0%



ONCOR Ontario County Online Resources

Ontario County GIS Program
70 Ontario Street
Canandaigua, NY 14424



NOTE: Inventory and assessment data originates with the respective local assessor

PROPERTY SUMMARY REPORT

Tax Map ID:	29.00-1-41.100
Physical Address:	6179 St Rt 96
Community:	Town of Farmington
Easting: 611714	Northing: 1084272
Acres: 14.20	Neighborhood: 28580
Roll Section: 1 2024	Utilities: Gas & elec
Property Class: 454	Supermarket
School District:	Victor Central
Frontage: .00	Depth: .00
Heat:	Obstructions:
Fuel:	% NYS DEC Wetland: 0
Water: Comm/public	% NWI Wetland: 0
Sewer: Comm/public	% Steep Slope: 4
	% Flood Zone (A, AE): 9

BUILDING DETAILS (primary building only)

Year Built:	1982	Square Feet:	51151
Condition:	Good		
Style:	1 sty store load sup		
Stories:	1	Central Air:	
Siding:			
Basement:			
Full Baths:		Half Baths:	
Bedrooms:		Fireplaces:	

Please see Parcel Detail Report for complete information

Assessed Values

Full Market Value:	\$7665100
Total Assessment:	\$7205200
Land Assessment:	\$979800

Owner Information

FARMINGTON CENTER LLC
550 LATONA RD
SUITE 501
ROCHESTER NY 14626 -

Recent Residential Sales

Valid Sales Only within the past three years

Date: **Price:** **Sale Type:**



Click here to look up your polling station

Notes:

Deed Book: 1341 **Page:** 31 **Date Filed:** 6/24/2015

Comments:



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Tuesday, July 9, 2024

Previous Owners

OWNER NAME(S): WADE, JANE A

DEED DATE: 11/2/2009

DEED BOOK: 1235

DEED PAGE: 44

CLERK NUMBER: 200911020159

COMMENTS:

OWNER NAME(S): WADE, JOHN W

DEED DATE: 7/1/1997

DEED BOOK: 981

DEED PAGE: 766

CLERK NUMBER:

COMMENTS:

OWNER NAME(S): KEYES, GARY L

DEED DATE: 12/01/1994

DEED BOOK: 948

DEED PAGE: 441

CLERK NUMBER:

COMMENTS:

OWNER NAME(S): WADE, JOHN W

DEED DATE: 9/1/1992

DEED BOOK: 921

DEED PAGE: 270

CLERK NUMBER:

COMMENTS:

OWNER NAME(S): ONTARIO CO INDUSTRIAL DEVELOPMENT AGENCY

DEED DATE: 07/01/1982

DEED BOOK: 813

DEED PAGE: 20

CLERK NUMBER:

COMMENTS:

OWNER NAME(S): 96 MERTENSIA RD INC

DEED DATE: 05/01/1982

DEED BOOK: 812

DEED PAGE: 883

CLERK NUMBER:

COMMENTS:

OWNER NAME(S): WADE'S MARKET

DEED DATE: 07/01/1979

DEED BOOK: 790

DEED PAGE: 886

CLERK NUMBER:

COMMENTS:

OWNER NAME(S): ALAIMO, JAMES V ETAL

DEED DATE: 10/01/1973

DEED BOOK: 731

DEED PAGE: 1120

CLERK NUMBER:

COMMENTS:



Tax Information

SPECIAL DISTRICT TAX RATES

Special District	Code	SD Tax Rate	UN Tax Rate	FE Tax Rate
Drainage District #1	DD281	0.178967	0	0
Farm Fire Protection	FD281	0.491323	0	0
Cdga-Farm Water	WD281	0.835629	0	0

EXEMPTIONS

Exemptions Description	County	Town	Village	School
------------------------	--------	------	---------	--------

ESTIMATED TAXES WORKSHEET

The workspace below can be used to estimate the TRUE taxes for this property. Users are strongly urged to contact the Ontario County Treasure's Office (585-396-4432) to verify exact total taxes. If the property is in one of the cities, please contact either the City of Canandaigua (585-396-5015) or the City of Geneva (315-789-2114) depending on the location.

TAX TYPE	TAX RATE		TOTAL ASSESSED VALUE		TOTAL TAXES	TAX YEAR
SCHOOL:	14.29625	X	\$7205200.00	/1000 =	\$103007.34	2023-2024
COUNTY:	5.980461	X	\$7205200.00	/1000 =	\$43090.42	2023-2024
TOWN OR CITY:	0.700171	X	\$7205200.00	/1000 =	\$5044.87	2023-2024
VILLAGE:	0	X	\$7205200.00	/1000 =	\$0.00	2023-2024

Municipal and School Taxes Subtotal: \$151142.63

+ Special District Taxes Subtotal:

TOTAL ESTIMATED TAXES:

SURVEYS

Survey ID	Survey Link (copy and paste in browser)
23664	https://oncorng.co.ontario.ny.us/surveys/23664.tiff
11/15/2013	

TAX BILLS

Copy and paste link in a browser

School: https://oncorng.co.ontario.ny.us/TaxbillSchool/29.00-1-41.100_School.pdf

County/Town: https://oncorng.co.ontario.ny.us/TaxbillCountyTown/29.00-1-41.100_CountyTown.pdf

City:

Village:



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Tuesday, July 9, 2024

ADDITIONAL INVENTORY

IMPROVEMENTS

Structure Description:	Year:	SqFt:	Dim1:	Dim2:	Condition:	Grade:
Pavng-asphlt	1983	136000	0	0	Normal	Average

LAND DESCRIPTION

Land Type:	Waterfront:	Soil Rating:	Acres:	Depth:	Frontage:
Primary			8	0	0
Residual			6	0	0



INDIVIDUAL BUILDING DETAILS

RESIDENTIAL BUILDINGS

Building details are followed by area dimensions provided in square feet

Building Style:

Actual Year Built:

Effective Year Built:

Year Remodeled:

Number of Bedrooms:

Number of Full Baths:

Number of Half Baths:

Number of Kitchens:

Number of Fireplaces:

Overall Condition:

Construction Grade:

Number of Stories:

Heating Type:

Fuel Type:

Exterior Wall Material:

Exterior Condition:

Basement Type:

Central Air (1 = Yes)

Total Living Area:

First Story:

Second Story:

Additional Story:

Half Story:

Unfinished:

3/4 Story:

Unfinished:

Finished Basement Area:

Finished Attic Area:

Finished Rec Room Area:

Finished Over Garage:



COMMERCIAL BUILDINGS

Building Number:	1	Overall Condition:	Good
Building Section:	1	Quality:	Average
Year Built:	1982	Number of Stories:	1
Number of Indent Buildings:	1	Story Height:	12
Percent Air-conditioned:	100	Basement Type:	
Percent Alarmed:	100	Number of Elevators:	0
Percent Sprinkler:	100	Boekh Model Number:	
Gross Floor Area:	51151	Boekh Model Code:	312
Perimeter:	1183	Wall A:	0
Basement Square Footage:	0	Wall B:	100
Basement Perimeter:	0	Wall C:	0



PROPERTY ANALYSIS

Type:	Description:	Acres:	% Coverage:
Ecological Community	Community Description TBD	13.40	100.000%
NRCS Soils	Galoo loam, 3 to 8 percent slopes, rocky	0.02	0.1%
NRCS Soils	Ovid silt loam, 0 to 3 percent slopes	13.39	99.9%
Utilities - Electric	ROCHESTER GAS & ELECTRIC	13.40	100.0%
Utilities - Gas	ROCHESTER GAS & ELECTRIC	13.40	100.0%
Utilities - Telephone	Frontier Telephone of Rochester	13.40	100.0%
Utilities - Telephone	Finger Lakes Technology Group	13.40	100.0%
Watershed	S. Bk-W/S Divide to Hathaway Brook	13.40	100.0%



LOCAL ZONING

Note: OnCOR users are strongly urged to contact the municipal planning/zoning office to confirm accuracy of the zoning information listed below.

Type:	Description:	% Coverage:
Town of Farmington MTOD Overlay	Major Thoroughfare Overlay	99.3%
Town of Farmington Zoning	GB - General Business	99.6%
Town of Farmington Zoning	RMF - Residential Multiple-Family	0.4%



ATTACHMENT 2

PURGE LOGS

LOW FLOW GROUNDWATER PURGING/SAMPLING LOG

Project: Former Griffin Technology Site: Griffin Well I.D.: MW-06S

Date: 11/29/23 Sampling Personnel: Kevin McGovern/ Ethan Smith Company: URS Corporation (AECOM)

Purging/
Sampling
Device: Geopump 2 peristaltic pump Tubing Type: HDPE Pump/Tubing
Inlet
Location: Screen midpoint

Measuring
Point: Top of Riser Initial Depth
to Water: 11.89 Depth to
Well Bottom: 18.90 Well
Diameter: 2" Screen
Length: 10'

Casing
Type: SCH 40 PVC Volume in 1
Well Casing
(liters): 4.33 Estimated
Purge
Volume
(liters): 6

Sample ID: MW-06S Sample
Time: 1141 QA/QC: MS/MSD

Sample Parameters: TCL VOCs

PURGE PARAMETERS

TIME	pH	TEMP (°C)	COND. (mS/cm)	DISS. O ₂ (mg/l)	TURB. (NTU)	ORP (mV)	FLOW RATE (ml/min.)	DEPTH TO WATER (btor)
1111	7.03	9.2	1.652	4.30	60.0	-1.4	200	12.10
1116	6.99	10.6	1.681	1.22	13.6	-23.3	200	12.20
1121	7.00	10.7	1.675	0.92	7.8	-29.3	200	12.30
1126	7.01	11.0	1.664	0.81	8.9	-31.5	200	12.30
1131	7.01	11.0	1.662	0.78	12.9	-31.9	200	12.30
1136	7.02	10.8	1.654	0.77	18.8	-31.7	200	12.30
1141	7.02	10.8	1.648	0.76	25.0	-31.6	200	12.30
Tolerance:	0.1	---	3%	10%	10%	+ or - 10	---	

Information: WATER VOLUMES--0.75 inch diameter well = 87 ml/ft.; 1 inch diameter well = 154 ml/ft.; 2 inch diameter well = 617 ml/ft.;
4 inch diameter well = 2470 ml/ft. ($\text{vol}_{\text{cyl}} = \pi r^2 h$)

Comments:

Bolt holes on curb box stripped

LOW FLOW GROUNDWATER PURGING/SAMPLING LOG

Project: Former Griffin Technology Site: Griffin Well I.D.: MW-06D

Date: 11/29/23 Sampling Personnel: Kevin McGovern/ Ethan Smith Company: URS Corporation (AECOM)

Purging/
Sampling
Device: Geopump 2 peristaltic pump Tubing Type: HDPE Pump/Tubing
Inlet
Location: Screen midpoint

Measuring
Point: Top of Riser Initial Depth
to Water: 12.10 Depth to
Well Bottom: 37.60 Well
Diameter: 2" Screen
Length: 10'

Casing
Type: SCH 40 PVC Volume in 1
Well Casing
(liters): 15.73 Estimated
Purge
Volume
(liters): 6

Sample ID: MW-06D Sample
Time: 1052 QA/QC: FD-112923

Sample Parameters: TCL VOCs

PURGE PARAMETERS

TIME	pH	TEMP (°C)	COND. (mS/cm)	DISS. O ₂ (mg/l)	TURB. (NTU)	ORP (mV)	FLOW RATE (ml/min.)	DEPTH TO WATER (btor)
1022	6.80	9.2	1.171	2.98	21.9	-105.7	200	12.16
1027	6.80	9.3	1.344	1.19	29.0	-107.2	200	13.34
1032	6.93	9.9	1.341	0.92	15.2	-108.3	200	13.50
1037	6.96	9.5	1.644	0.87	10.9	-107.1	200	13.55
1042	6.97	9.7	1.348	0.84	7.5	-104.3	200	13.65
1047	6.99	9.3	1.354	0.82	6.5	-99.4	200	13.56
1052	7.00	10.1	1.356	0.77	7.8	-101.4	200	--
Tolerance:	0.1	---	3%	10%	10%	+ or - 10	---	

Information: WATER VOLUMES--0.75 inch diameter well = 87 ml/ft.; 1 inch diameter well = 154 ml/ft.; 2 inch diameter well = 617 ml/ft.;
4 inch diameter well = 2470 ml/ft. ($\text{vol}_{\text{cyl}} = \pi r^2 h$)

Comments:

Curb box damaged, needs replacement

LOW FLOW GROUNDWATER PURGING/SAMPLING LOG

Project: Former Griffin Technology Site: Griffin Well I.D.: MW-07S

Date: 11/29/23 Sampling Personnel: Kevin McGovern/ Ethan Smith Company: URS Corporation (AECOM)

Purging/
Sampling
Device: Geopump 2 peristaltic pump Tubing Type: HDPE Pump/Tubing
Inlet
Location: Screen midpoint

Measuring
Point: Top of Riser Initial Depth
to Water: 10.65 Depth to
Well Bottom: 25.72 Well
Diameter: 2" Screen
Length: 10'

Casing
Type: SCH 40 PVC Volume in 1
Well Casing
(liters): 9.30 Estimated
Purge
Volume
(liters): 6

Sample ID: MW-07S Sample
Time: 1350 QA/QC: None

Sample Parameters: TCL VOCs

PURGE PARAMETERS

TIME	pH	TEMP (°C)	COND. (mS/cm)	DISS. O ₂ (mg/l)	TURB. (NTU)	ORP (mV)	FLOW RATE (ml/min.)	DEPTH TO WATER (btor)
1320	7.13	9.7	1.362	2.59	477.2	14.6	200	11.31
1325	7.04	10.5	1.338	1.19	118.1	37.4	200	11.40
1330	7.01	10.6	1.341	0.92	50.6	50.4	200	11.49
1335	7.00	10.5	1.339	0.86	29.0	57.4	200	11.49
1340	7.00	10.7	1.342	0.84	22.2	60.5	200	11.49
1345	7.00	10.7	1.341	0.81	20.6	63.3	200	11.49
1350	7.00	10.5	1.346	0.80	19.0	65.1	200	11.49
Tolerance:	0.1	---	3%	10%	10%	+ or - 10	---	

Information: WATER VOLUMES--0.75 inch diameter well = 87 ml/ft.; 1 inch diameter well = 154 ml/ft.; 2 inch diameter well = 617 ml/ft.;
4 inch diameter well = 2470 ml/ft. ($\text{vol}_{\text{cyl}} = \pi r^2 h$)

Comments:

LOW FLOW GROUNDWATER PURGING/SAMPLING LOG

Project: Former Griffin Technology Site: Griffin Well I.D.: MW-07D

Date: 11/29/23 Sampling Personnel: Kevin McGovern/ Ethan Smith Company: URS Corporation (AECOM)

Purging/
Sampling
Device: Bladder Pump Tubing Type: HDPE Pump/Tubing
Inlet
Location: Screen midpoint

Measuring
Point: Top of Riser Initial Depth
to Water: 34.75 Depth to
Well Bottom: 44.40 Well
Diameter: 2" Screen
Length: 10'

Casing
Type: SCH 40 PVC Volume in 1
Well Casing
(liters): 5.95 Estimated
Purge
Volume
(liters): 6

Sample ID: MW-07D Sample
Time: 1435 QA/QC: None

Sample Parameters: TCL VOCs

PURGE PARAMETERS

TIME	pH	TEMP (°C)	COND. (mS/cm)	DISS. O ₂ (mg/l)	TURB. (NTU)	ORP (mV)	FLOW RATE (ml/min.)	DEPTH TO WATER (btor)
1400	7.13	11.3	1.376	4.30	519.2	32.8	400	36.40
1405	7.26	10.9	1.378	7.07	405.2	54.8	400	37.40
1410	7.35	11.4	1.380	8.60	154.7	63.8	400	39.18
1415	7.40	11.4	1.387	8.52	110.6	48.7	400	40.10
1420	7.48	11.4	1.390	8.34	78.0	25.5	400	40.30
1425	7.50	10.5	1.399	8.02	61.5	19.2	400	41.40
1430	7.38	9.9	1.398	8.36	73.2	2.7	400	41.40
1435	14.35	7.3	1.398	8.38	59.8	-3.2	400	41.40
Tolerance:	0.1	---	3%	10%	10%	+ or - 10	---	

Information: WATER VOLUMES--0.75 inch diameter well = 87 ml/ft.; 1 inch diameter well = 154 ml/ft.; 2 inch diameter well = 617 ml/ft.;
4 inch diameter well = 2470 ml/ft. ($\text{vol}_{\text{cyl}} = \pi r^2 h$)

Comments:

Curb box lid loose, suggest new curb box

LOW FLOW GROUNDWATER PURGING/SAMPLING LOG

Project: Former Griffin Technology Site: Griffin Well I.D.: MW-10S

Date: 11/29/23 Sampling Personnel: Kevin McGovern/ Ethan Smith Company: URS Corporation (AECOM)

Purging/
Sampling
Device: Geopump 2 peristaltic pump Tubing Type: HDPE Pump/Tubing
Inlet
Location: Screen midpoint

Measuring
Point: Top of Riser Initial Depth
to Water: 15.00 Depth to
Well Bottom: 22.62 Well
Diameter: 2" Screen
Length: 10'

Casing
Type: SCH 40 PVC Volume in 1
Well Casing
(liters): 4.70 Estimated
Purge
Volume
(liters): 6

Sample ID: MW-10S Sample
Time: 1244 QA/QC: None

Sample Parameters: TCL VOCs

PURGE PARAMETERS

TIME	pH	TEMP (°C)	COND. (mS/cm)	DISS. O ₂ (mg/l)	TURB. (NTU)	ORP (mV)	FLOW RATE (ml/min.)	DEPTH TO WATER (btor)
1214	6.79	10.9	3.332	1.77	1050.6	-103.8	200	15.20
1219	6.81	11.4	3.326	1.02	419.3	-95.1	200	15.20
1224	6.85	11.8	3.130	0.87	72.1	-93.6	200	15.20
1229	6.87	11.8	3.289	0.82	30.9	-92.4	200	15.20
1234	6.88	11.7	3.222	0.76	21.0	-91.3	200	15.20
1239	6.90	12.0	3.316	0.74	20.6	-91.2	200	15.20
1244	6.91	11.8	3.041	0.74	13.7	-91.1	200	15.20
Tolerance:	0.1	---	3%	10%	10%	+ or - 10	---	

Information: WATER VOLUMES--0.75 inch diameter well = 87 ml/ft.; 1 inch diameter well = 154 ml/ft.; 2 inch diameter well = 617 ml/ft.;
4 inch diameter well = 2470 ml/ft. ($\text{vol}_{\text{cyl}} = \pi r^2 h$)

Comments:

ATTACHMENT 3

**DATA USABILITY SUMMARY REPORT
AND
COMPLETE ANALYTICAL REPORT**

MEMORANDUM

TO: Mike Gutmann

FROM: Ann Marie Kropovitch

DATE: December 20, 2023

SUBJECT: **Groundwater Analytical Results**
Former Griffin Technology Facility

Five groundwater samples, one matrix spike/matrix spike duplicate pair and one field duplicate were collected from the Former Griffin Technology Facility site on December 6, 2021 and delivered to Eurofins TestAmerica located in Amherst, NY for analysis. A trip blank accompanied the samples. The samples were received by the laboratory on November 29, 2023 intact, properly preserved and under proper chain-of-custody.

The samples were analyzed for volatile organic compounds (VOCs) by United States Environmental Protection Agency (USEPA) Method 8260C. The analytical method referenced is from *Test Methods for Evaluating Solid Waste, Physical/Chemical Methods*, Third Edition, November 1986 and its updates.

The following USEPA Region II standard operating procedure (SOP) was used to evaluate and, when required, qualify the data:

- *Validating Volatile Organic Compounds by Gas Chromatography/Mass Spectrometry SW-846 Method 8260B & 8260C*, SOP HW-24, Revision 4, October 2014.

A limited data review was performed for completeness of deliverables, and for compliance with method and validation SOP criteria, which includes quantitation limits, holding times, method blanks, trip blanks, surrogate recoveries, laboratory control sample (LCS) recoveries and any items presented in the laboratory's case narrative. Only method and validation SOP non-conformances are discussed in this report.

The analytical results are provided in Table 1. Definitions of USEPA Region II data qualifiers are presented at the end of this memorandum.

VOCs

The %R of methyl acetate was below the lower QC limit in the LCS. The results for this compound in all samples has been qualified 'UJ'.

The %D of acetone in the continuing calibration standard (CCAL) was greater than the QC limit and showed a low bias. The results for acetone in all samples were qualified 'UJ'.

All data are usable as reported.

Field Duplicate Results

Sample FD-112923 is a field duplicate of MW-06D. There was good agreement between the detected compounds in the sample and field duplicate as shown in Table 2. USEPA Region II validation guidelines

do not provide any criteria for RPDs, nor are there any recommendations for the qualification of data based on field duplicate results.

cc: File: 13816402.00000

TABLE 2
FIELD DUPLICATE COMPARISON
FORMER GRIFFIN TECHNOLOGY FACILITY SITE

Detected Compound	MW-06D (µg/L)	FD-112923 (µg/L)	RPD (%)
1,1,1-Trichloroethane	0.60	0.58	3.4
1,1-Dichloroethane	0.83	0.87	4.7
1,2-Dichloroethene (cis)	6.7	6.9	2.9
Trichloroethene	26	27	3.8
Vinyl chloride	2.8	3.0	6.9

RPD – relative percent difference.

µg/L – micrograms per liter.

DEFINITION OF USEPA REGION II DATA QUALIFIERS

The following are definitions of the qualifiers assigned to results during the data review process.

- U** - The analyte was analyzed for, but was not detected above the reported sample quantitation limit.
- J** - The analyte was positively identified; the associated numerical value is the approximate concentration of the analyte in the sample.

TABLE 1
VALIDATED GROUNDWATER AND TRIP BLANK SAMPLE RESULTS
FORMER GRIFFIN TECHNOLOGY FACILITY SITE

Location ID		FIELDQC	MW-06D	MW-06D	MW-06S	MW-07D
Sample ID		TRIP BLANK	FD-112923	MW-06D	MW-06S	MW-07D
Matrix		Water Quality	Groundwater	Groundwater	Groundwater	Groundwater
Depth Interval (ft)		-	-	-	-	-
Date Sampled		11/29/23	11/29/23	11/29/23	11/29/23	11/29/23
Parameter	Units	Trip Blank (1-1)	Field Duplicate (1-1)			
Volatile Organic Compounds						
1,1,1-Trichloroethane	UG/L	5.0 U	0.60 1	0.58 J	0.42 J	5.0 U
1,1,2,2-Tetrachloroethane	UG/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
1,1,2-Trichloro-1,2,2-trifluoroethane	UG/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
1,1,2-Trichloroethane	UG/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
1,1-Dichloroethane	UG/L	5.0 U	0.83 J	0.87 J	0.93 J	0.23 J
1,1-Dichloroethene	UG/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
1,2,3-Trichlorobenzene	UG/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
1,2,4-Trichlorobenzene	UG/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
1,2-Dibromo-3-chloropropane	UG/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
1,2-Dibromoethane (Ethylene dibromide)	UG/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
1,2-Dichlorobenzene	UG/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
1,2-Dichloroethane	UG/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
1,2-Dichloroethene (cis)	UG/L	5.0 U	6.7	6.9	9.6	12
1,2-Dichloroethene (trans)	UG/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
1,2-Dichloropropane	UG/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
1,3-Dichlorobenzene	UG/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
1,3-Dichloropropene (cis)	UG/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
1,3-Dichloropropene (trans)	UG/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
1,4-Dichlorobenzene	UG/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
1,4-Dioxane	UG/L	100 U	100 U	100 U	100 U	100 U
2-Hexanone	UG/L	10 U	10 U	10 U	10 U	10 U
4-Methyl-2-pentanone	UG/L	10 U	10 U	10 U	10 U	10 U
Acetone	UG/L	10 UJ	10 UJ	10 UJ	10 UJ	10 UJ

Flags assigned during chemistry validation are shown.

U - Not detected above the reported quantitation limit.

J - The reported concentration is an estimated value.

UG/L - Micrograms per liter.

Detection Limits shown are PQL

TABLE 1
VALIDATED GROUNDWATER AND TRIP BLANK SAMPLE RESULTS
FORMER GRIFFIN TECHNOLOGY FACILITY SITE

Location ID		FIELDQC	MW-06D	MW-06D	MW-06S	MW-07D
Sample ID		TRIP BLANK	FD-112923	MW-06D	MW-06S	MW-07D
Matrix		Water Quality	Groundwater	Groundwater	Groundwater	Groundwater
Depth Interval (ft)		-	-	-	-	-
Date Sampled		11/29/23	11/29/23	11/29/23	11/29/23	11/29/23
Parameter	Units	Trip Blank (1-1)	Field Duplicate (1-1)			
Volatile Organic Compounds						
Benzene	UG/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Bromochloromethane	UG/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Bromodichloromethane	UG/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Bromoform	UG/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Bromomethane	UG/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Carbon disulfide	UG/L	10 U	10 U	10 U	10 U	10 U
Carbon tetrachloride	UG/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Chlorobenzene	UG/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Chloroethane	UG/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Chloroform	UG/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Chloromethane	UG/L	5.0 U	5.0 U	5.0 U	5.0 U	4.3 J
Cyclohexane	UG/L	10 U	10 U	10 U	10 U	10 U
Dibromochloromethane	UG/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Dichlorodifluoromethane	UG/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Ethylbenzene	UG/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Isopropylbenzene (Cumene)	UG/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
m&p-Xylene	UG/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Methyl acetate	UG/L	10 UJ	10 UJ	10 UJ	10 UJ	10 UJ
Methyl ethyl ketone (2-Butanone)	UG/L	10 U	10 U	10 U	10 U	10 U
Methyl tert-butyl ether	UG/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Methylcyclohexane	UG/L	10 U	10 U	10 U	10 U	10 U
Methylene chloride	UG/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
o-Xylene	UG/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U

Flags assigned during chemistry validation are shown.

U - Not detected above the reported quantitation limit.

J - The reported concentration is an estimated value.

UG/L - Micrograms per liter.

Detection Limits shown are PQL

TABLE 1
VALIDATED GROUNDWATER AND TRIP BLANK SAMPLE RESULTS
FORMER GRIFFIN TECHNOLOGY FACILITY SITE

Location ID		FIELDQC	MW-06D	MW-06D	MW-06S	MW-07D
Sample ID		TRIP BLANK	FD-112923	MW-06D	MW-06S	MW-07D
Matrix		Water Quality	Groundwater	Groundwater	Groundwater	Groundwater
Depth Interval (ft)		-	-	-	-	-
Date Sampled		11/29/23	11/29/23	11/29/23	11/29/23	11/29/23
Parameter	Units	Trip Blank (1-1)	Field Duplicate (1-1)			
Volatile Organic Compounds						
Styrene	UG/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Tetrachloroethene	UG/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Toluene	UG/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Trichloroethene	UG/L	5.0 U	27	26	27	9.9
Trichlorofluoromethane	UG/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Vinyl chloride	UG/L	5.0 U	2.8 J	3.0 J	1.8 J	5.2

Flags assigned during chemistry validation are shown.

U - Not detected above the reported quantitation limit.

J - The reported concentration is an estimated value.

UG/L - Micrograms per liter.

Detection Limits shown are PQL

TABLE 1
VALIDATED GROUNDWATER AND TRIP BLANK SAMPLE RESULTS
FORMER GRIFFIN TECHNOLOGY FACILITY SITE

Location ID		MW-07S	MW-10S
Sample ID		MW-07S	MW-10S
Matrix		Groundwater	Groundwater
Depth Interval (ft)		-	-
Date Sampled		11/29/23	11/29/23
Parameter	Units		
Volatile Organic Compounds			
1,1,1-Trichloroethane	UG/L	0.34 J	5.0 U
1,1,2,2-Tetrachloroethane	UG/L	5.0 U	5.0 U
1,1,2-Trichloro-1,2,2-trifluoroethane	UG/L	5.0 U	5.0 U
1,1,2-Trichloroethane	UG/L	5.0 U	5.0 U
1,1-Dichloroethane	UG/L	5.0 U	5.0 U
1,1-Dichloroethene	UG/L	5.0 U	5.0 U
1,2,3-Trichlorobenzene	UG/L	5.0 U	5.0 U
1,2,4-Trichlorobenzene	UG/L	5.0 U	5.0 U
1,2-Dibromo-3-chloropropane	UG/L	5.0 U	5.0 U
1,2-Dibromoethane (Ethylene dibromide)	UG/L	5.0 U	5.0 U
1,2-Dichlorobenzene	UG/L	5.0 U	5.0 U
1,2-Dichloroethane	UG/L	5.0 U	5.0 U
1,2-Dichloroethene (cis)	UG/L	2.4 J	0.51 J
1,2-Dichloroethene (trans)	UG/L	5.0 U	5.0 U
1,2-Dichloropropane	UG/L	5.0 U	5.0 U
1,3-Dichlorobenzene	UG/L	5.0 U	5.0 U
1,3-Dichloropropene (cis)	UG/L	5.0 U	5.0 U
1,3-Dichloropropene (trans)	UG/L	5.0 U	5.0 U
1,4-Dichlorobenzene	UG/L	5.0 U	5.0 U
1,4-Dioxane	UG/L	100 U	100 U
2-Hexanone	UG/L	10 U	10 U
4-Methyl-2-pentanone	UG/L	10 U	10 U
Acetone	UG/L	10 UJ	10 UJ

Flags assigned during chemistry validation are shown.

U - Not detected above the reported quantitation limit.

J - The reported concentration is an estimated value.

UG/L - Micrograms per liter.

Detection Limits shown are PQL

TABLE 1
VALIDATED GROUNDWATER AND TRIP BLANK SAMPLE RESULTS
FORMER GRIFFIN TECHNOLOGY FACILITY SITE

Location ID		MW-07S	MW-10S
Sample ID		MW-07S	MW-10S
Matrix		Groundwater	Groundwater
Depth Interval (ft)		-	-
Date Sampled		11/29/23	11/29/23
Parameter	Units		
Volatile Organic Compounds			
Benzene	UG/L	5.0 U	5.0 U
Bromochloromethane	UG/L	5.0 U	5.0 U
Bromodichloromethane	UG/L	5.0 U	5.0 U
Bromoform	UG/L	5.0 U	5.0 U
Bromomethane	UG/L	5.0 U	5.0 U
Carbon disulfide	UG/L	10 U	10 U
Carbon tetrachloride	UG/L	5.0 U	5.0 U
Chlorobenzene	UG/L	5.0 U	5.0 U
Chloroethane	UG/L	5.0 U	5.0 U
Chloroform	UG/L	5.0 U	5.0 U
Chloromethane	UG/L	5.0 U	5.0 U
Cyclohexane	UG/L	10 U	10 U
Dibromochloromethane	UG/L	5.0 U	5.0 U
Dichlorodifluoromethane	UG/L	5.0 U	5.0 U
Ethylbenzene	UG/L	5.0 U	5.0 U
Isopropylbenzene (Cumene)	UG/L	5.0 U	5.0 U
m&p-Xylene	UG/L	5.0 U	5.0 U
Methyl acetate	UG/L	10 UJ	10 UJ
Methyl ethyl ketone (2-Butanone)	UG/L	10 U	10 U
Methyl tert-butyl ether	UG/L	5.0 U	5.0 U
Methylcyclohexane	UG/L	10 U	10 U
Methylene chloride	UG/L	5.0 U	5.0 U
o-Xylene	UG/L	5.0 U	5.0 U

Flags assigned during chemistry validation are shown.

U - Not detected above the reported quantitation limit.

J - The reported concentration is an estimated value.

UG/L - Micrograms per liter.

Detection Limits shown are PQL

TABLE 1
VALIDATED GROUNDWATER AND TRIP BLANK SAMPLE RESULTS
FORMER GRIFFIN TECHNOLOGY FACILITY SITE

Location ID		MW-07S	MW-10S
Sample ID		MW-07S	MW-10S
Matrix		Groundwater	Groundwater
Depth Interval (ft)		-	-
Date Sampled		11/29/23	11/29/23
Parameter	Units		
Volatile Organic Compounds			
Styrene	UG/L	5.0 U	5.0 U
Tetrachloroethene	UG/L	5.0 U	5.0 U
Toluene	UG/L	5.0 U	5.0 U
Trichloroethene	UG/L	24	5.2
Trichlorofluoromethane	UG/L	5.0 U	5.0 U
Vinyl chloride	UG/L	0.89 J	5.0 U

Flags assigned during chemistry validation are shown.

U - Not detected above the reported quantitation limit.

J - The reported concentration is an estimated value.

UG/L - Micrograms per liter.

Detection Limits shown are PQL



December 07, 2023

Service Request No:R2310969

Kevin McGovern
AECOM
50 Lakefront Blvd
Suite 111
Buffalo, NY 14202

Laboratory Results for: Diebold

Dear Kevin,

Enclosed are the results of the sample(s) submitted to our laboratory November 29, 2023
For your reference, these analyses have been assigned our service request number **R2310969**.

All testing was performed according to our laboratory's quality assurance program and met the requirements of the TNI standards except as noted in the case narrative report. Any testing not included in the lab's accreditation is identified on a Non-Certified Analytes report. All results are intended to be considered in their entirety. ALS Environmental is not responsible for use of less than the complete report. Results apply only to the individual samples submitted to the lab for analysis, as listed in the report. The measurement uncertainty of the results included in this report is within that expected when using the prescribed method(s), and represented by Laboratory Control Sample control limits. Any events, such as QC failures or Holding Time exceedances, which may add to the uncertainty are explained in the report narrative or are flagged with qualifiers. The flags are explained in the Report Qualifiers and Definitions page of this report.

Please contact me if you have any questions. My extension is 7472. You may also contact me via email at Janice.Jaeger@alsglobal.com.

Respectfully submitted,

ALS Group USA, Corp. dba ALS Environmental

Janice Jaeger
Project Manager

ADDRESS

1565 Jefferson Road, Building 300, Suite 360, Rochester, NY 14623

PHONE +1 585 288 5380 | **FAX** +1 585 288 8475

ALS Group USA, Corp.
dba ALS Environmental



Narrative Documents

ALS Environmental—Rochester Laboratory

1565 Jefferson Road, Building 300, Suite 360, Rochester, NY 14623

Phone (585) 288-5380 Fax (585) 288-8475

www.alsglobal.com



Client: AECOM
Project: Diebold
Sample Matrix: Water

Service Request: R2310969
Date Received: 11/29/2023

CASE NARRATIVE

All analyses were performed consistent with the quality assurance program of ALS Environmental. This report contains analytical results for samples for the Tier II level requested by the client.

Sample Receipt:

Seven water samples were received for analysis at ALS Environmental on 11/29/2023. Any discrepancies upon initial sample inspection are annotated on the sample receipt and preservation form included within this report. The samples were stored at minimum in accordance with the analytical method requirements.

Volatiles by GC/MS:

Method 8260C, 12/05/2023: The lower control limit was exceeded for one or more analytes in the Continuing Calibration Verification (CCV). Since there were no detections of the analyte(s) above the MRL in the associated field samples, the quantitation is not affected. The data quality was not significantly affected and no further corrective action was taken.

Method 8260C, 12/05/2023: The upper control limit was exceeded for one or more analytes in the Continuing Calibration Verification (CCV). The field samples analyzed in this sequence did not contain the analyte(s) in question above the Method Reporting Limit (MRL). Since the exceedance equates to a potential high bias, the data quality was not significantly affected and no further corrective action was taken.

Method 8260C, : The lower control limit was exceeded for one or more analytes in the Continuing Calibration Verification (CCV). Since there were no detections of the analyte(s) above the MRL in the associated field samples, the quantitation is not affected. The data quality was not significantly affected and no further corrective action was taken.

Method 8260C, : The upper control limit was exceeded for one or more analytes in the Continuing Calibration Verification (CCV). The field samples analyzed in this sequence did not contain the analyte(s) in question above the Method Reporting Limit (MRL). Since the exceedance equates to a potential high bias, the data quality was not significantly affected and no further corrective action was taken.

Method 8260C, : The lower control limit for the spike recovery of the Laboratory Control Sample (LCS) was exceeded for one analyte. There were no detections of the analyte in the associated field samples. The discrepancy associated with reduced recovery equates to a potential low bias. Additional analysis of the associated field samples was not performed because only the MS/MSD were analyzed on this run and the analyte was within limits for these spiked samples. The analyte is flagged in the LCS Summary.

Approved by _____

Date 12/07/2023

SAMPLE DETECTION SUMMARY

This form includes only detections above the reporting levels. For a full listing of sample results, continue to the Sample Results section of this Report.

CLIENT ID: MW-06D	Lab ID: R2310969-001
--------------------------	-----------------------------

Analyte	Results	Flag	MDL	MRL	Units	Method
1,1,1-Trichloroethane (TCA)	0.58	J	0.20	5.0	ug/L	8260C
1,1-Dichloroethane (1,1-DCA)	0.87	J	0.20	5.0	ug/L	8260C
cis-1,2-Dichloroethene	6.9		0.23	5.0	ug/L	8260C
Trichloroethene (TCE)	26		0.20	5.0	ug/L	8260C
Vinyl Chloride	3.0	J	0.20	5.0	ug/L	8260C

CLIENT ID: MW-06S	Lab ID: R2310969-002
--------------------------	-----------------------------

Analyte	Results	Flag	MDL	MRL	Units	Method
1,1,1-Trichloroethane (TCA)	0.42	J	0.20	5.0	ug/L	8260C
1,1-Dichloroethane (1,1-DCA)	0.93	J	0.20	5.0	ug/L	8260C
cis-1,2-Dichloroethene	9.6		0.23	5.0	ug/L	8260C
Trichloroethene (TCE)	27		0.20	5.0	ug/L	8260C
Vinyl Chloride	1.8	J	0.20	5.0	ug/L	8260C

CLIENT ID: MW-07S	Lab ID: R2310969-004
--------------------------	-----------------------------

Analyte	Results	Flag	MDL	MRL	Units	Method
1,1,1-Trichloroethane (TCA)	0.34	J	0.20	5.0	ug/L	8260C
cis-1,2-Dichloroethene	2.4	J	0.23	5.0	ug/L	8260C
Trichloroethene (TCE)	24		0.20	5.0	ug/L	8260C
Vinyl Chloride	0.89	J	0.20	5.0	ug/L	8260C

CLIENT ID: FD-112923	Lab ID: R2310969-006
-----------------------------	-----------------------------

Analyte	Results	Flag	MDL	MRL	Units	Method
1,1,1-Trichloroethane (TCA)	0.60	J	0.20	5.0	ug/L	8260C
1,1-Dichloroethane (1,1-DCA)	0.83	J	0.20	5.0	ug/L	8260C
cis-1,2-Dichloroethene	6.7		0.23	5.0	ug/L	8260C
Trichloroethene (TCE)	27		0.20	5.0	ug/L	8260C
Vinyl Chloride	2.8	J	0.20	5.0	ug/L	8260C

CLIENT ID: MW-07D	Lab ID: R2310969-005
--------------------------	-----------------------------

Analyte	Results	Flag	MDL	MRL	Units	Method
1,1-Dichloroethane (1,1-DCA)	0.23	J	0.20	5.0	ug/L	8260C
Chloromethane	4.3	J	0.80	5.0	ug/L	8260C
cis-1,2-Dichloroethene	12		0.23	5.0	ug/L	8260C
Trichloroethene (TCE)	9.9		0.20	5.0	ug/L	8260C
Vinyl Chloride	5.2		0.20	5.0	ug/L	8260C

CLIENT ID: MW-10S	Lab ID: R2310969-003
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Analyte	Results	Flag	MDL	MRL	Units	Method
cis-1,2-Dichloroethene	0.51	J	0.23	5.0	ug/L	8260C
Trichloroethene (TCE)	5.2		0.20	5.0	ug/L	8260C



Sample Receipt Information

ALS Environmental—Rochester Laboratory

1565 Jefferson Road, Building 300, Suite 360, Rochester, NY 14623

Phone (585) 288-5380 Fax (585) 288-8475

www.alsglobal.com

Client: AECOM
Project: Diebold/60718697

Service Request:R2310969

SAMPLE CROSS-REFERENCE

<u>SAMPLE #</u>	<u>CLIENT SAMPLE ID</u>	<u>DATE</u>	<u>TIME</u>
R2310969-001	MW-06D	11/29/2023	1052
R2310969-002	MW-06S	11/29/2023	1141
R2310969-003	MW-10S	11/29/2023	1241
R2310969-004	MW-07S	11/29/2023	1350
R2310969-005	MW-07D	11/29/2023	1435
R2310969-006	FD-112923	11/29/2023	
R2310969-007	Trip Blank	11/29/2023	1052

[illegible]



Cooler Receipt and Preservation

R2310969

5

AECOM

Diebold

Project/Client AECOM Folder Number _____Cooler received on 11/29/23 by: RLCCOURIER: ALS UPS FEDEX VELOCITY CLIENT CLIENT

1	Were Custody seals on outside of cooler?	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>
2	Custody papers properly completed (ink, signed)?	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N
3	Did all bottles arrive in good condition (unbroken)?	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N
4	Circle: <u>Wet Ice</u> Dry Ice Gel packs present?	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N

5a	Perchlorate samples have required headspace?	Y <input type="checkbox"/> N <input checked="" type="checkbox"/> NA <input type="checkbox"/>
5b	Did VOA vials, Alk, or Sulfide have sig* bubbles?	Y <input checked="" type="checkbox"/> N <input type="checkbox"/> NA <input type="checkbox"/>
6	Where did the bottles originate?	<u>ALS/ROC</u> CLIENT
7	Soil VOA received as:	Bulk Encore 5035set <input checked="" type="checkbox"/> NA <input type="checkbox"/>

8. Temperature Readings Date: 11/29 Time: 1551 ID: IR#12 IR#11 From: Temp Blank Sample Bottle

Observed Temp (°C)	<u>1.6</u>						
Within 0-6°C?	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	Y <input type="checkbox"/> N	Y <input type="checkbox"/> N	Y <input type="checkbox"/> N	Y <input type="checkbox"/> N	Y <input type="checkbox"/> N	Y <input type="checkbox"/> N
If <0°C, were samples frozen?	Y <input type="checkbox"/> N	Y <input type="checkbox"/> N	Y <input type="checkbox"/> N	Y <input type="checkbox"/> N	Y <input type="checkbox"/> N	Y <input type="checkbox"/> N	Y <input type="checkbox"/> N

If out of Temperature, note packing/ice condition: _____ Ice melted Poorly Packed (described below) Same Day Rule
 & Client Approval to Run Samples: _____ Standing Approval Client aware at drop-off Client notified by: _____

All samples held in storage location: SW by RLC on 11/29 at 1552
 5035 samples placed in storage location: _____ by _____ on _____ at _____ within 48 hours of sampling? Y ☐ N ☐

Cooler Breakdown/Preservation Check**: Date: 11/30/23 Time: 950 by: RR

9. Were all bottle labels complete (i.e. analysis, preservation, etc.)? YES NO ☐
10. Did all bottle labels and tags agree with custody papers? YES NO ☐
11. Were correct containers used for the tests indicated? YES NO ☐
12. Were 5035 vials acceptable (no extra labels, not leaking)? YES NO N/A
13. Were dissolved metals filtered in the field? YES NO N/A
14. Air Samples: Cassettes / Tubes Intact Y / N with MS Y / N Canisters Pressurized Tedlar® Bags Inflated N/A

pH	Lot of test paper	Reagent	Preserved?		Lot Received	Exp	Sample ID Adjusted	Vol. Added	Lot Added	Final pH
			Yes	No						
≥12		NaOH								
≤2		HNO ₃								
≤2		H ₂ SO ₄								
<4		NaHSO ₄								
5-9		For 608pest			No=Notify for 3day					
Residual Chlorine (-)		For CN, Phenol, 625, 608pest, 522			If +, contact PM to add Na ₂ S ₂ O ₃ (625, 608, CN), ascorbic (phenol).					
		Na ₂ S ₂ O ₃								
		ZnAcetate								
		HCl	**	**	24001661	4/26				

**VOAs and 1664 Not to be tested before analysis.
 Otherwise, all bottles of all samples with chemical preservatives are checked (not just representatives).

Bottle lot numbers: 100223-3AX4

Explain all Discrepancies/ Other Comments: _____

HPROD	BULK
HTR	FLDT
SUB	HGFB
ALS	LL3541

Labels secondary reviewed by: RRPC Secondary Review: JUN 12/5/23

*significant air bubbles: VOA > 5-6 mm : WC > 1 in. diameter



Miscellaneous Forms

ALS Environmental—Rochester Laboratory

1565 Jefferson Road, Building 300, Suite 360, Rochester, NY 14623

Phone (585) 288-5380 Fax (585) 288-8475

www.alsglobal.com



REPORT QUALIFIERS AND DEFINITIONS

U	Analyte was analyzed for but not detected. The sample quantitation limit has been corrected for dilution and for percent moisture, unless otherwise noted in the case narrative.	+	Correlation coefficient for MSA is <0.995.
J	Estimated value due to either being a Tentatively Identified Compound (TIC) or that the concentration is between the MRL and the MDL. Concentrations are not verified within the linear range of the calibration. For DoD: concentration >40% difference between two GC columns (pesticides/Aroclors).	N	Inorganics- Matrix spike recovery was outside laboratory limits.
B	Analyte was also detected in the associated method blank at a concentration that may have contributed to the sample result.	N	Organics- Presumptive evidence of a compound (reported as a TIC) based on the MS library search.
E	Inorganics- Concentration is estimated due to the serial dilution was outside control limits.	S	Concentration has been determined using Method of Standard Additions (MSA).
E	Organics- Concentration has exceeded the calibration range for that specific analysis.	W	Post-Digestion Spike recovery is outside control limits and the sample absorbance is <50% of the spike absorbance.
D	Concentration is a result of a dilution, typically a secondary analysis of the sample due to exceeding the calibration range or that a surrogate has been diluted out of the sample and cannot be assessed.	P	Concentration >40% difference between the two GC columns.
*	Indicates that a quality control parameter has exceeded laboratory limits. Under the "Notes" column of the Form I, this qualifier denotes analysis was performed out of Holding Time.	C	Confirmed by GC/MS
H	Analysis was performed out of hold time for tests that have an "immediate" hold time criteria.	Q	DoD reports: indicates a pesticide/Aroclor is not confirmed ($\geq 100\%$ Difference between two GC columns).
#	Spike was diluted out.	X	See Case Narrative for discussion.
		MRL	Method Reporting Limit. Also known as:
		LOQ	Limit of Quantitation (LOQ) The lowest concentration at which the method analyte may be reliably quantified under the method conditions.
		MDL	Method Detection Limit. A statistical value derived from a study designed to provide the lowest concentration that will be detected 99% of the time. Values between the MDL and MRL are estimated (see J qualifier).
		LOD	Limit of Detection. A value at or above the MDL which has been verified to be detectable.
		ND	Non-Detect. Analyte was not detected at the concentration listed. Same as U qualifier.

Rochester Lab ID # for State Accreditations¹



NELAP States
Florida ID # E87674
New Hampshire ID # 2941
New York ID # 10145
Pennsylvania ID# 68-786
Virginia #460167

Non-NELAP States
Connecticut ID #PH0556
Delaware Approved
Maine ID #NY01587
North Carolina #36701
North Carolina #676
Rhode Island LAO00333

¹ Analyses were performed according to our laboratory's NELAP-approved quality assurance program and any applicable state or agency requirements. The test results meet requirements of the current NELAP/TNI standards or state or agency requirements, where applicable, except as noted in the case narrative. Since not all analyte/method/matrix combinations are offered for state/NELAC accreditation, this report may contain results which are not accredited. For a specific list of accredited analytes, contact the laboratory. To verify NH accredited analytes, go to <https://www4.des.state.nh.us/CertifiedLabs/Certified-Method.aspx>.

ALS Laboratory Group

Acronyms

ASTM	American Society for Testing and Materials
A2LA	American Association for Laboratory Accreditation
CARB	California Air Resources Board
CAS Number	Chemical Abstract Service registry Number
CFC	Chlorofluorocarbon
CFU	Colony-Forming Unit
DEC	Department of Environmental Conservation
DEQ	Department of Environmental Quality
DHS	Department of Health Services
DOE	Department of Ecology
DOH	Department of Health
EPA	U. S. Environmental Protection Agency
ELAP	Environmental Laboratory Accreditation Program
GC	Gas Chromatography
GC/MS	Gas Chromatography/Mass Spectrometry
LUFT	Leaking Underground Fuel Tank
M	Modified
MCL	Maximum Contaminant Level is the highest permissible concentration of a substance allowed in drinking water as established by the USEPA.
MDL	Method Detection Limit
MPN	Most Probable Number
MRL	Method Reporting Limit
NA	Not Applicable
NC	Not Calculated
NCASI	National Council of the Paper Industry for Air and Stream Improvement
ND	Not Detected
NIOSH	National Institute for Occupational Safety and Health
PQL	Practical Quantitation Limit
RCRA	Resource Conservation and Recovery Act
SIM	Selected Ion Monitoring
TPH	Total Petroleum Hydrocarbons
tr	Trace level is the concentration of an analyte that is less than the PQL but greater than or equal to the MDL.

ALS Group USA, Corp.

dba ALS Environmental

Analyst Summary report

Client: AECOM
Project: Diebold/60718697

Service Request: R2310969

Sample Name: MW-06D
Lab Code: R2310969-001
Sample Matrix: Water

Date Collected: 11/29/23**Date Received:** 11/29/23

Analysis Method
8260C

Extracted/Digested By

Analyzed By
KRUEST

Sample Name: MW-06S
Lab Code: R2310969-002
Sample Matrix: Water

Date Collected: 11/29/23**Date Received:** 11/29/23

Analysis Method
8260C

Extracted/Digested By

Analyzed By
KRUEST

Sample Name: MW-06S
Lab Code: R2310969-002.R01
Sample Matrix: Water

Date Collected: 11/29/23**Date Received:** 11/29/23

Analysis Method
8260C

Extracted/Digested By

Analyzed By
KRUEST

Sample Name: MW-10S
Lab Code: R2310969-003
Sample Matrix: Water

Date Collected: 11/29/23**Date Received:** 11/29/23

Analysis Method
8260C

Extracted/Digested By

Analyzed By
KRUEST

Sample Name: MW-07S
Lab Code: R2310969-004
Sample Matrix: Water

Date Collected: 11/29/23**Date Received:** 11/29/23

Analysis Method
8260C

Extracted/Digested By

Analyzed By
KRUEST

ALS Group USA, Corp.

dba ALS Environmental

Analyst Summary report

Client: AECOM
Project: Diebold/60718697

Service Request: R2310969

Sample Name: MW-07D
Lab Code: R2310969-005
Sample Matrix: Water

Date Collected: 11/29/23**Date Received:** 11/29/23

Analysis Method
8260C

Extracted/Digested By

Analyzed By
KRUEST

Sample Name: FD-112923
Lab Code: R2310969-006
Sample Matrix: Water

Date Collected: 11/29/23**Date Received:** 11/29/23

Analysis Method
8260C

Extracted/Digested By

Analyzed By
KRUEST

Sample Name: Trip Blank
Lab Code: R2310969-007
Sample Matrix: Water

Date Collected: 11/29/23**Date Received:** 11/29/23

Analysis Method
8260C

Extracted/Digested By

Analyzed By
KRUEST



INORGANIC PREPARATION METHODS

The preparation methods associated with this report are found in these tables unless discussed in the case narrative.

Water/Liquid Matrix

Analytical Method	Preparation Method
200.7	200.2
200.8	200.2
6010C	3005A/3010A
6020A	ILM05.3
9034 Sulfide Acid Soluble	9030B
SM 4500-CN-E Residual Cyanide	SM 4500-CN-G
SM 4500-CN-E WAD Cyanide	SM 4500-CN-I

Solid/Soil/Non-Aqueous Matrix

Analytical Method	Preparation Method
6010C	3050B
6020A	3050B
6010C TCLP (1311) extract	3005A/3010A
6010 SPLP (1312) extract	3005A/3010A
7199	3060A
300.0 Anions/ 350.1/ 353.2/ SM 2320B/ SM 5210B/ 9056A Anions	DI extraction
For analytical methods not listed, the preparation method is the same as the analytical method reference.	



Sample Results

ALS Environmental—Rochester Laboratory

1565 Jefferson Road, Building 300, Suite 360, Rochester, NY 14623

Phone (585) 288-5380 Fax (585) 288-8475

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Volatile Organic Compounds by GC/MS

ALS Environmental—Rochester Laboratory

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ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client: AECOM
Project: Diebold/60718697
Sample Matrix: Water

Service Request: R2310969
Date Collected: 11/29/23 10:52
Date Received: 11/29/23 15:49

Sample Name: MW-06D
Lab Code: R2310969-001

Units: ug/L
Basis: NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C
Prep Method: EPA 5030C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
1,1,1-Trichloroethane (TCA)	0.58 J	5.0	0.20	1	12/05/23 19:37	
1,1,2,2-Tetrachloroethane	5.0 U	5.0	0.20	1	12/05/23 19:37	
1,1,2-Trichloroethane	5.0 U	5.0	0.20	1	12/05/23 19:37	
1,1,2-Trichloro-1,2,2-trifluoroethane	5.0 U	5.0	0.20	1	12/05/23 19:37	
1,1-Dichloroethane (1,1-DCA)	0.87 J	5.0	0.20	1	12/05/23 19:37	
1,1-Dichloroethene (1,1-DCE)	5.0 U	5.0	0.20	1	12/05/23 19:37	
1,2,3-Trichlorobenzene	5.0 U	5.0	0.25	1	12/05/23 19:37	
1,2,4-Trichlorobenzene	5.0 U	5.0	0.34	1	12/05/23 19:37	
1,2-Dibromo-3-chloropropane (DBCP)	5.0 U	5.0	0.45	1	12/05/23 19:37	
1,2-Dibromoethane	5.0 U	5.0	0.20	1	12/05/23 19:37	
1,2-Dichlorobenzene	5.0 U	5.0	0.20	1	12/05/23 19:37	
1,2-Dichloroethane	5.0 U	5.0	0.20	1	12/05/23 19:37	
1,2-Dichloropropane	5.0 U	5.0	0.20	1	12/05/23 19:37	
1,3-Dichlorobenzene	5.0 U	5.0	0.20	1	12/05/23 19:37	
1,4-Dichlorobenzene	5.0 U	5.0	0.20	1	12/05/23 19:37	
1,4-Dioxane	100 U	100	13	1	12/05/23 19:37	
2-Butanone (MEK)	10 U	10	0.78	1	12/05/23 19:37	
2-Hexanone	10 U	10	0.20	1	12/05/23 19:37	
4-Methyl-2-pentanone	10 U	10	0.20	1	12/05/23 19:37	
Acetone	10 U	10	5.0	1	12/05/23 19:37	
Benzene	5.0 U	5.0	0.20	1	12/05/23 19:37	
Bromochloromethane	5.0 U	5.0	0.20	1	12/05/23 19:37	
Bromodichloromethane	5.0 U	5.0	0.20	1	12/05/23 19:37	
Bromoform	5.0 U	5.0	0.25	1	12/05/23 19:37	
Bromomethane	5.0 U	5.0	0.70	1	12/05/23 19:37	
Carbon Disulfide	10 U	10	0.42	1	12/05/23 19:37	
Carbon Tetrachloride	5.0 U	5.0	0.34	1	12/05/23 19:37	
Chlorobenzene	5.0 U	5.0	0.20	1	12/05/23 19:37	
Chloroethane	5.0 U	5.0	0.23	1	12/05/23 19:37	
Chloroform	5.0 U	5.0	0.51	1	12/05/23 19:37	
Chloromethane	5.0 U	5.0	0.80	1	12/05/23 19:37	
Cyclohexane	10 U	10	0.60	1	12/05/23 19:37	
Dibromochloromethane	5.0 U	5.0	0.20	1	12/05/23 19:37	
Dichlorodifluoromethane (CFC 12)	5.0 U	5.0	0.21	1	12/05/23 19:37	
Dichloromethane	5.0 U	5.0	0.65	1	12/05/23 19:37	
Ethylbenzene	5.0 U	5.0	0.20	1	12/05/23 19:37	
Isopropylbenzene (Cumene)	5.0 U	5.0	0.20	1	12/05/23 19:37	
Methyl Acetate	10 U	10	0.87	1	12/05/23 19:37	
Methyl tert-Butyl Ether	5.0 U	5.0	0.20	1	12/05/23 19:37	
Methylcyclohexane	10 U	10	0.20	1	12/05/23 19:37	
Styrene	5.0 U	5.0	0.20	1	12/05/23 19:37	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client: AECOM
Project: Diebold/60718697
Sample Matrix: Water

Service Request: R2310969
Date Collected: 11/29/23 10:52
Date Received: 11/29/23 15:49

Sample Name: MW-06D
Lab Code: R2310969-001

Units: ug/L
Basis: NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C
Prep Method: EPA 5030C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
Tetrachloroethene (PCE)	5.0 U	5.0	0.21	1	12/05/23 19:37	
Toluene	5.0 U	5.0	0.20	1	12/05/23 19:37	
Trichloroethene (TCE)	26	5.0	0.20	1	12/05/23 19:37	
Trichlorofluoromethane (CFC 11)	5.0 U	5.0	0.24	1	12/05/23 19:37	
Vinyl Chloride	3.0 J	5.0	0.20	1	12/05/23 19:37	
cis-1,2-Dichloroethene	6.9	5.0	0.23	1	12/05/23 19:37	
cis-1,3-Dichloropropene	5.0 U	5.0	0.20	1	12/05/23 19:37	
m,p-Xylenes	5.0 U	5.0	0.20	1	12/05/23 19:37	
o-Xylene	5.0 U	5.0	0.20	1	12/05/23 19:37	
trans-1,2-Dichloroethene	5.0 U	5.0	0.20	1	12/05/23 19:37	
trans-1,3-Dichloropropene	5.0 U	5.0	0.23	1	12/05/23 19:37	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	91	85 - 122	12/05/23 19:37	
Dibromofluoromethane	97	80 - 116	12/05/23 19:37	
Toluene-d8	99	87 - 121	12/05/23 19:37	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client: AECOM
Project: Diebold/60718697
Sample Matrix: Water

Service Request: R2310969
Date Collected: 11/29/23 11:41
Date Received: 11/29/23 15:49

Sample Name: MW-06S
Lab Code: R2310969-002

Units: ug/L
Basis: NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C
Prep Method: EPA 5030C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
1,1,1-Trichloroethane (TCA)	0.42 J	5.0	0.20	1	12/05/23 18:28	
1,1,2,2-Tetrachloroethane	5.0 U	5.0	0.20	1	12/05/23 18:28	
1,1,2-Trichloroethane	5.0 U	5.0	0.20	1	12/05/23 18:28	
1,1,2-Trichloro-1,2,2-trifluoroethane	5.0 U	5.0	0.20	1	12/05/23 18:28	
1,1-Dichloroethane (1,1-DCA)	0.93 J	5.0	0.20	1	12/05/23 18:28	
1,1-Dichloroethene (1,1-DCE)	5.0 U	5.0	0.20	1	12/05/23 18:28	
1,2,3-Trichlorobenzene	5.0 U	5.0	0.25	1	12/05/23 18:28	
1,2,4-Trichlorobenzene	5.0 U	5.0	0.34	1	12/05/23 18:28	
1,2-Dibromo-3-chloropropane (DBCP)	5.0 U	5.0	0.45	1	12/05/23 18:28	
1,2-Dibromoethane	5.0 U	5.0	0.20	1	12/05/23 18:28	
1,2-Dichlorobenzene	5.0 U	5.0	0.20	1	12/05/23 18:28	
1,2-Dichloroethane	5.0 U	5.0	0.20	1	12/05/23 18:28	
1,2-Dichloropropane	5.0 U	5.0	0.20	1	12/05/23 18:28	
1,3-Dichlorobenzene	5.0 U	5.0	0.20	1	12/05/23 18:28	
1,4-Dichlorobenzene	5.0 U	5.0	0.20	1	12/05/23 18:28	
1,4-Dioxane	100 U	100	13	1	12/05/23 18:28	
2-Butanone (MEK)	10 U	10	0.78	1	12/05/23 18:28	
2-Hexanone	10 U	10	0.20	1	12/05/23 18:28	
4-Methyl-2-pentanone	10 U	10	0.20	1	12/05/23 18:28	
Acetone	10 U	10	5.0	1	12/05/23 18:28	
Benzene	5.0 U	5.0	0.20	1	12/05/23 18:28	
Bromochloromethane	5.0 U	5.0	0.20	1	12/05/23 18:28	
Bromodichloromethane	5.0 U	5.0	0.20	1	12/05/23 18:28	
Bromoform	5.0 U	5.0	0.25	1	12/05/23 18:28	
Bromomethane	5.0 U	5.0	0.70	1	12/05/23 18:28	
Carbon Disulfide	10 U	10	0.42	1	12/05/23 18:28	
Carbon Tetrachloride	5.0 U	5.0	0.34	1	12/05/23 18:28	
Chlorobenzene	5.0 U	5.0	0.20	1	12/05/23 18:28	
Chloroethane	5.0 U	5.0	0.23	1	12/05/23 18:28	
Chloroform	5.0 U	5.0	0.51	1	12/05/23 18:28	
Chloromethane	5.0 U	5.0	0.80	1	12/05/23 18:28	
Cyclohexane	10 U	10	0.60	1	12/05/23 18:28	
Dibromochloromethane	5.0 U	5.0	0.20	1	12/05/23 18:28	
Dichlorodifluoromethane (CFC 12)	5.0 U	5.0	0.21	1	12/05/23 18:28	
Dichloromethane	5.0 U	5.0	0.65	1	12/05/23 18:28	
Ethylbenzene	5.0 U	5.0	0.20	1	12/05/23 18:28	
Isopropylbenzene (Cumene)	5.0 U	5.0	0.20	1	12/05/23 18:28	
Methyl Acetate	10 U	10	0.87	1	12/05/23 18:28	
Methyl tert-Butyl Ether	5.0 U	5.0	0.20	1	12/05/23 18:28	
Methylcyclohexane	10 U	10	0.20	1	12/05/23 18:28	
Styrene	5.0 U	5.0	0.20	1	12/05/23 18:28	

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Analytical Report

Client: AECOM
Project: Diebold/60718697
Sample Matrix: Water

Service Request: R2310969
Date Collected: 11/29/23 11:41
Date Received: 11/29/23 15:49

Sample Name: MW-06S
Lab Code: R2310969-002

Units: ug/L
Basis: NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C
Prep Method: EPA 5030C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
Tetrachloroethene (PCE)	5.0 U	5.0	0.21	1	12/05/23 18:28	
Toluene	5.0 U	5.0	0.20	1	12/05/23 18:28	
Trichloroethene (TCE)	27	5.0	0.20	1	12/05/23 18:28	
Trichlorofluoromethane (CFC 11)	5.0 U	5.0	0.24	1	12/05/23 18:28	
Vinyl Chloride	1.8 J	5.0	0.20	1	12/05/23 18:28	
cis-1,2-Dichloroethene	9.6	5.0	0.23	1	12/05/23 18:28	
cis-1,3-Dichloropropene	5.0 U	5.0	0.20	1	12/05/23 18:28	
m,p-Xylenes	5.0 U	5.0	0.20	1	12/05/23 18:28	
o-Xylene	5.0 U	5.0	0.20	1	12/05/23 18:28	
trans-1,2-Dichloroethene	5.0 U	5.0	0.20	1	12/05/23 18:28	
trans-1,3-Dichloropropene	5.0 U	5.0	0.23	1	12/05/23 18:28	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	92	85 - 122	12/05/23 18:28	
Dibromofluoromethane	101	80 - 116	12/05/23 18:28	
Toluene-d8	101	87 - 121	12/05/23 18:28	

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Analytical Report

Client: AECOM
Project: Diebold/60718697
Sample Matrix: Water

Service Request: R2310969
Date Collected: 11/29/23 12:41
Date Received: 11/29/23 15:49

Sample Name: MW-10S
Lab Code: R2310969-003

Units: ug/L
Basis: NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C
Prep Method: EPA 5030C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
1,1,1-Trichloroethane (TCA)	5.0 U	5.0	0.20	1	12/05/23 18:51	
1,1,2,2-Tetrachloroethane	5.0 U	5.0	0.20	1	12/05/23 18:51	
1,1,2-Trichloroethane	5.0 U	5.0	0.20	1	12/05/23 18:51	
1,1,2-Trichloro-1,2,2-trifluoroethane	5.0 U	5.0	0.20	1	12/05/23 18:51	
1,1-Dichloroethane (1,1-DCA)	5.0 U	5.0	0.20	1	12/05/23 18:51	
1,1-Dichloroethene (1,1-DCE)	5.0 U	5.0	0.20	1	12/05/23 18:51	
1,2,3-Trichlorobenzene	5.0 U	5.0	0.25	1	12/05/23 18:51	
1,2,4-Trichlorobenzene	5.0 U	5.0	0.34	1	12/05/23 18:51	
1,2-Dibromo-3-chloropropane (DBCP)	5.0 U	5.0	0.45	1	12/05/23 18:51	
1,2-Dibromoethane	5.0 U	5.0	0.20	1	12/05/23 18:51	
1,2-Dichlorobenzene	5.0 U	5.0	0.20	1	12/05/23 18:51	
1,2-Dichloroethane	5.0 U	5.0	0.20	1	12/05/23 18:51	
1,2-Dichloropropane	5.0 U	5.0	0.20	1	12/05/23 18:51	
1,3-Dichlorobenzene	5.0 U	5.0	0.20	1	12/05/23 18:51	
1,4-Dichlorobenzene	5.0 U	5.0	0.20	1	12/05/23 18:51	
1,4-Dioxane	100 U	100	13	1	12/05/23 18:51	
2-Butanone (MEK)	10 U	10	0.78	1	12/05/23 18:51	
2-Hexanone	10 U	10	0.20	1	12/05/23 18:51	
4-Methyl-2-pentanone	10 U	10	0.20	1	12/05/23 18:51	
Acetone	10 U	10	5.0	1	12/05/23 18:51	
Benzene	5.0 U	5.0	0.20	1	12/05/23 18:51	
Bromochloromethane	5.0 U	5.0	0.20	1	12/05/23 18:51	
Bromodichloromethane	5.0 U	5.0	0.20	1	12/05/23 18:51	
Bromoform	5.0 U	5.0	0.25	1	12/05/23 18:51	
Bromomethane	5.0 U	5.0	0.70	1	12/05/23 18:51	
Carbon Disulfide	10 U	10	0.42	1	12/05/23 18:51	
Carbon Tetrachloride	5.0 U	5.0	0.34	1	12/05/23 18:51	
Chlorobenzene	5.0 U	5.0	0.20	1	12/05/23 18:51	
Chloroethane	5.0 U	5.0	0.23	1	12/05/23 18:51	
Chloroform	5.0 U	5.0	0.51	1	12/05/23 18:51	
Chloromethane	5.0 U	5.0	0.80	1	12/05/23 18:51	
Cyclohexane	10 U	10	0.60	1	12/05/23 18:51	
Dibromochloromethane	5.0 U	5.0	0.20	1	12/05/23 18:51	
Dichlorodifluoromethane (CFC 12)	5.0 U	5.0	0.21	1	12/05/23 18:51	
Dichloromethane	5.0 U	5.0	0.65	1	12/05/23 18:51	
Ethylbenzene	5.0 U	5.0	0.20	1	12/05/23 18:51	
Isopropylbenzene (Cumene)	5.0 U	5.0	0.20	1	12/05/23 18:51	
Methyl Acetate	10 U	10	0.87	1	12/05/23 18:51	
Methyl tert-Butyl Ether	5.0 U	5.0	0.20	1	12/05/23 18:51	
Methylcyclohexane	10 U	10	0.20	1	12/05/23 18:51	
Styrene	5.0 U	5.0	0.20	1	12/05/23 18:51	

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Analytical Report

Client: AECOM
Project: Diebold/60718697
Sample Matrix: Water

Service Request: R2310969
Date Collected: 11/29/23 12:41
Date Received: 11/29/23 15:49

Sample Name: MW-10S
Lab Code: R2310969-003

Units: ug/L
Basis: NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C
Prep Method: EPA 5030C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
Tetrachloroethene (PCE)	5.0 U	5.0	0.21	1	12/05/23 18:51	
Toluene	5.0 U	5.0	0.20	1	12/05/23 18:51	
Trichloroethene (TCE)	5.2	5.0	0.20	1	12/05/23 18:51	
Trichlorofluoromethane (CFC 11)	5.0 U	5.0	0.24	1	12/05/23 18:51	
Vinyl Chloride	5.0 U	5.0	0.20	1	12/05/23 18:51	
cis-1,2-Dichloroethene	0.51 J	5.0	0.23	1	12/05/23 18:51	
cis-1,3-Dichloropropene	5.0 U	5.0	0.20	1	12/05/23 18:51	
m,p-Xylenes	5.0 U	5.0	0.20	1	12/05/23 18:51	
o-Xylene	5.0 U	5.0	0.20	1	12/05/23 18:51	
trans-1,2-Dichloroethene	5.0 U	5.0	0.20	1	12/05/23 18:51	
trans-1,3-Dichloropropene	5.0 U	5.0	0.23	1	12/05/23 18:51	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	94	85 - 122	12/05/23 18:51	
Dibromofluoromethane	100	80 - 116	12/05/23 18:51	
Toluene-d8	101	87 - 121	12/05/23 18:51	

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Analytical Report

Client: AECOM
Project: Diebold/60718697
Sample Matrix: Water

Service Request: R2310969
Date Collected: 11/29/23 13:50
Date Received: 11/29/23 15:49

Sample Name: MW-07S
Lab Code: R2310969-004

Units: ug/L
Basis: NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C
Prep Method: EPA 5030C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
1,1,1-Trichloroethane (TCA)	0.34 J	5.0	0.20	1	12/05/23 19:14	
1,1,2,2-Tetrachloroethane	5.0 U	5.0	0.20	1	12/05/23 19:14	
1,1,2-Trichloroethane	5.0 U	5.0	0.20	1	12/05/23 19:14	
1,1,2-Trichloro-1,2,2-trifluoroethane	5.0 U	5.0	0.20	1	12/05/23 19:14	
1,1-Dichloroethane (1,1-DCA)	5.0 U	5.0	0.20	1	12/05/23 19:14	
1,1-Dichloroethene (1,1-DCE)	5.0 U	5.0	0.20	1	12/05/23 19:14	
1,2,3-Trichlorobenzene	5.0 U	5.0	0.25	1	12/05/23 19:14	
1,2,4-Trichlorobenzene	5.0 U	5.0	0.34	1	12/05/23 19:14	
1,2-Dibromo-3-chloropropane (DBCP)	5.0 U	5.0	0.45	1	12/05/23 19:14	
1,2-Dibromoethane	5.0 U	5.0	0.20	1	12/05/23 19:14	
1,2-Dichlorobenzene	5.0 U	5.0	0.20	1	12/05/23 19:14	
1,2-Dichloroethane	5.0 U	5.0	0.20	1	12/05/23 19:14	
1,2-Dichloropropane	5.0 U	5.0	0.20	1	12/05/23 19:14	
1,3-Dichlorobenzene	5.0 U	5.0	0.20	1	12/05/23 19:14	
1,4-Dichlorobenzene	5.0 U	5.0	0.20	1	12/05/23 19:14	
1,4-Dioxane	100 U	100	13	1	12/05/23 19:14	
2-Butanone (MEK)	10 U	10	0.78	1	12/05/23 19:14	
2-Hexanone	10 U	10	0.20	1	12/05/23 19:14	
4-Methyl-2-pentanone	10 U	10	0.20	1	12/05/23 19:14	
Acetone	10 U	10	5.0	1	12/05/23 19:14	
Benzene	5.0 U	5.0	0.20	1	12/05/23 19:14	
Bromochloromethane	5.0 U	5.0	0.20	1	12/05/23 19:14	
Bromodichloromethane	5.0 U	5.0	0.20	1	12/05/23 19:14	
Bromoform	5.0 U	5.0	0.25	1	12/05/23 19:14	
Bromomethane	5.0 U	5.0	0.70	1	12/05/23 19:14	
Carbon Disulfide	10 U	10	0.42	1	12/05/23 19:14	
Carbon Tetrachloride	5.0 U	5.0	0.34	1	12/05/23 19:14	
Chlorobenzene	5.0 U	5.0	0.20	1	12/05/23 19:14	
Chloroethane	5.0 U	5.0	0.23	1	12/05/23 19:14	
Chloroform	5.0 U	5.0	0.51	1	12/05/23 19:14	
Chloromethane	5.0 U	5.0	0.80	1	12/05/23 19:14	
Cyclohexane	10 U	10	0.60	1	12/05/23 19:14	
Dibromochloromethane	5.0 U	5.0	0.20	1	12/05/23 19:14	
Dichlorodifluoromethane (CFC 12)	5.0 U	5.0	0.21	1	12/05/23 19:14	
Dichloromethane	5.0 U	5.0	0.65	1	12/05/23 19:14	
Ethylbenzene	5.0 U	5.0	0.20	1	12/05/23 19:14	
Isopropylbenzene (Cumene)	5.0 U	5.0	0.20	1	12/05/23 19:14	
Methyl Acetate	10 U	10	0.87	1	12/05/23 19:14	
Methyl tert-Butyl Ether	5.0 U	5.0	0.20	1	12/05/23 19:14	
Methylcyclohexane	10 U	10	0.20	1	12/05/23 19:14	
Styrene	5.0 U	5.0	0.20	1	12/05/23 19:14	

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Analytical Report

Client: AECOM
Project: Diebold/60718697
Sample Matrix: Water

Service Request: R2310969
Date Collected: 11/29/23 13:50
Date Received: 11/29/23 15:49

Sample Name: MW-07S
Lab Code: R2310969-004

Units: ug/L
Basis: NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C
Prep Method: EPA 5030C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
Tetrachloroethene (PCE)	5.0 U	5.0	0.21	1	12/05/23 19:14	
Toluene	5.0 U	5.0	0.20	1	12/05/23 19:14	
Trichloroethene (TCE)	24	5.0	0.20	1	12/05/23 19:14	
Trichlorofluoromethane (CFC 11)	5.0 U	5.0	0.24	1	12/05/23 19:14	
Vinyl Chloride	0.89 J	5.0	0.20	1	12/05/23 19:14	
cis-1,2-Dichloroethene	2.4 J	5.0	0.23	1	12/05/23 19:14	
cis-1,3-Dichloropropene	5.0 U	5.0	0.20	1	12/05/23 19:14	
m,p-Xylenes	5.0 U	5.0	0.20	1	12/05/23 19:14	
o-Xylene	5.0 U	5.0	0.20	1	12/05/23 19:14	
trans-1,2-Dichloroethene	5.0 U	5.0	0.20	1	12/05/23 19:14	
trans-1,3-Dichloropropene	5.0 U	5.0	0.23	1	12/05/23 19:14	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	93	85 - 122	12/05/23 19:14	
Dibromofluoromethane	95	80 - 116	12/05/23 19:14	
Toluene-d8	97	87 - 121	12/05/23 19:14	

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Analytical Report

Client: AECOM
Project: Diebold/60718697
Sample Matrix: Water

Service Request: R2310969
Date Collected: 11/29/23 14:35
Date Received: 11/29/23 15:49

Sample Name: MW-07D
Lab Code: R2310969-005

Units: ug/L
Basis: NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C
Prep Method: EPA 5030C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
1,1,1-Trichloroethane (TCA)	5.0 U	5.0	0.20	1	12/05/23 20:23	
1,1,2,2-Tetrachloroethane	5.0 U	5.0	0.20	1	12/05/23 20:23	
1,1,2-Trichloroethane	5.0 U	5.0	0.20	1	12/05/23 20:23	
1,1,2-Trichloro-1,2,2-trifluoroethane	5.0 U	5.0	0.20	1	12/05/23 20:23	
1,1-Dichloroethane (1,1-DCA)	0.23 J	5.0	0.20	1	12/05/23 20:23	
1,1-Dichloroethene (1,1-DCE)	5.0 U	5.0	0.20	1	12/05/23 20:23	
1,2,3-Trichlorobenzene	5.0 U	5.0	0.25	1	12/05/23 20:23	
1,2,4-Trichlorobenzene	5.0 U	5.0	0.34	1	12/05/23 20:23	
1,2-Dibromo-3-chloropropane (DBCP)	5.0 U	5.0	0.45	1	12/05/23 20:23	
1,2-Dibromoethane	5.0 U	5.0	0.20	1	12/05/23 20:23	
1,2-Dichlorobenzene	5.0 U	5.0	0.20	1	12/05/23 20:23	
1,2-Dichloroethane	5.0 U	5.0	0.20	1	12/05/23 20:23	
1,2-Dichloropropane	5.0 U	5.0	0.20	1	12/05/23 20:23	
1,3-Dichlorobenzene	5.0 U	5.0	0.20	1	12/05/23 20:23	
1,4-Dichlorobenzene	5.0 U	5.0	0.20	1	12/05/23 20:23	
1,4-Dioxane	100 U	100	13	1	12/05/23 20:23	
2-Butanone (MEK)	10 U	10	0.78	1	12/05/23 20:23	
2-Hexanone	10 U	10	0.20	1	12/05/23 20:23	
4-Methyl-2-pentanone	10 U	10	0.20	1	12/05/23 20:23	
Acetone	10 U	10	5.0	1	12/05/23 20:23	
Benzene	5.0 U	5.0	0.20	1	12/05/23 20:23	
Bromochloromethane	5.0 U	5.0	0.20	1	12/05/23 20:23	
Bromodichloromethane	5.0 U	5.0	0.20	1	12/05/23 20:23	
Bromoform	5.0 U	5.0	0.25	1	12/05/23 20:23	
Bromomethane	5.0 U	5.0	0.70	1	12/05/23 20:23	
Carbon Disulfide	10 U	10	0.42	1	12/05/23 20:23	
Carbon Tetrachloride	5.0 U	5.0	0.34	1	12/05/23 20:23	
Chlorobenzene	5.0 U	5.0	0.20	1	12/05/23 20:23	
Chloroethane	5.0 U	5.0	0.23	1	12/05/23 20:23	
Chloroform	5.0 U	5.0	0.51	1	12/05/23 20:23	
Chloromethane	4.3 J	5.0	0.80	1	12/05/23 20:23	
Cyclohexane	10 U	10	0.60	1	12/05/23 20:23	
Dibromochloromethane	5.0 U	5.0	0.20	1	12/05/23 20:23	
Dichlorodifluoromethane (CFC 12)	5.0 U	5.0	0.21	1	12/05/23 20:23	
Dichloromethane	5.0 U	5.0	0.65	1	12/05/23 20:23	
Ethylbenzene	5.0 U	5.0	0.20	1	12/05/23 20:23	
Isopropylbenzene (Cumene)	5.0 U	5.0	0.20	1	12/05/23 20:23	
Methyl Acetate	10 U	10	0.87	1	12/05/23 20:23	
Methyl tert-Butyl Ether	5.0 U	5.0	0.20	1	12/05/23 20:23	
Methylcyclohexane	10 U	10	0.20	1	12/05/23 20:23	
Styrene	5.0 U	5.0	0.20	1	12/05/23 20:23	

ALS Group USA, Corp.
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Analytical Report

Client: AECOM
Project: Diebold/60718697
Sample Matrix: Water

Service Request: R2310969
Date Collected: 11/29/23 14:35
Date Received: 11/29/23 15:49

Sample Name: MW-07D
Lab Code: R2310969-005

Units: ug/L
Basis: NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C
Prep Method: EPA 5030C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
Tetrachloroethene (PCE)	5.0 U	5.0	0.21	1	12/05/23 20:23	
Toluene	5.0 U	5.0	0.20	1	12/05/23 20:23	
Trichloroethene (TCE)	9.9	5.0	0.20	1	12/05/23 20:23	
Trichlorofluoromethane (CFC 11)	5.0 U	5.0	0.24	1	12/05/23 20:23	
Vinyl Chloride	5.2	5.0	0.20	1	12/05/23 20:23	
cis-1,2-Dichloroethene	12	5.0	0.23	1	12/05/23 20:23	
cis-1,3-Dichloropropene	5.0 U	5.0	0.20	1	12/05/23 20:23	
m,p-Xylenes	5.0 U	5.0	0.20	1	12/05/23 20:23	
o-Xylene	5.0 U	5.0	0.20	1	12/05/23 20:23	
trans-1,2-Dichloroethene	5.0 U	5.0	0.20	1	12/05/23 20:23	
trans-1,3-Dichloropropene	5.0 U	5.0	0.23	1	12/05/23 20:23	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	95	85 - 122	12/05/23 20:23	
Dibromofluoromethane	98	80 - 116	12/05/23 20:23	
Toluene-d8	101	87 - 121	12/05/23 20:23	

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Analytical Report

Client: AECOM
Project: Diebold/60718697
Sample Matrix: Water

Service Request: R2310969
Date Collected: 11/29/23
Date Received: 11/29/23 15:49

Sample Name: FD-112923
Lab Code: R2310969-006

Units: ug/L
Basis: NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C
Prep Method: EPA 5030C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
1,1,1-Trichloroethane (TCA)	0.60 J	5.0	0.20	1	12/05/23 20:00	
1,1,2,2-Tetrachloroethane	5.0 U	5.0	0.20	1	12/05/23 20:00	
1,1,2-Trichloroethane	5.0 U	5.0	0.20	1	12/05/23 20:00	
1,1,2-Trichloro-1,2,2-trifluoroethane	5.0 U	5.0	0.20	1	12/05/23 20:00	
1,1-Dichloroethane (1,1-DCA)	0.83 J	5.0	0.20	1	12/05/23 20:00	
1,1-Dichloroethene (1,1-DCE)	5.0 U	5.0	0.20	1	12/05/23 20:00	
1,2,3-Trichlorobenzene	5.0 U	5.0	0.25	1	12/05/23 20:00	
1,2,4-Trichlorobenzene	5.0 U	5.0	0.34	1	12/05/23 20:00	
1,2-Dibromo-3-chloropropane (DBCP)	5.0 U	5.0	0.45	1	12/05/23 20:00	
1,2-Dibromoethane	5.0 U	5.0	0.20	1	12/05/23 20:00	
1,2-Dichlorobenzene	5.0 U	5.0	0.20	1	12/05/23 20:00	
1,2-Dichloroethane	5.0 U	5.0	0.20	1	12/05/23 20:00	
1,2-Dichloropropane	5.0 U	5.0	0.20	1	12/05/23 20:00	
1,3-Dichlorobenzene	5.0 U	5.0	0.20	1	12/05/23 20:00	
1,4-Dichlorobenzene	5.0 U	5.0	0.20	1	12/05/23 20:00	
1,4-Dioxane	100 U	100	13	1	12/05/23 20:00	
2-Butanone (MEK)	10 U	10	0.78	1	12/05/23 20:00	
2-Hexanone	10 U	10	0.20	1	12/05/23 20:00	
4-Methyl-2-pentanone	10 U	10	0.20	1	12/05/23 20:00	
Acetone	10 U	10	5.0	1	12/05/23 20:00	
Benzene	5.0 U	5.0	0.20	1	12/05/23 20:00	
Bromochloromethane	5.0 U	5.0	0.20	1	12/05/23 20:00	
Bromodichloromethane	5.0 U	5.0	0.20	1	12/05/23 20:00	
Bromoform	5.0 U	5.0	0.25	1	12/05/23 20:00	
Bromomethane	5.0 U	5.0	0.70	1	12/05/23 20:00	
Carbon Disulfide	10 U	10	0.42	1	12/05/23 20:00	
Carbon Tetrachloride	5.0 U	5.0	0.34	1	12/05/23 20:00	
Chlorobenzene	5.0 U	5.0	0.20	1	12/05/23 20:00	
Chloroethane	5.0 U	5.0	0.23	1	12/05/23 20:00	
Chloroform	5.0 U	5.0	0.51	1	12/05/23 20:00	
Chloromethane	5.0 U	5.0	0.80	1	12/05/23 20:00	
Cyclohexane	10 U	10	0.60	1	12/05/23 20:00	
Dibromochloromethane	5.0 U	5.0	0.20	1	12/05/23 20:00	
Dichlorodifluoromethane (CFC 12)	5.0 U	5.0	0.21	1	12/05/23 20:00	
Dichloromethane	5.0 U	5.0	0.65	1	12/05/23 20:00	
Ethylbenzene	5.0 U	5.0	0.20	1	12/05/23 20:00	
Isopropylbenzene (Cumene)	5.0 U	5.0	0.20	1	12/05/23 20:00	
Methyl Acetate	10 U	10	0.87	1	12/05/23 20:00	
Methyl tert-Butyl Ether	5.0 U	5.0	0.20	1	12/05/23 20:00	
Methylcyclohexane	10 U	10	0.20	1	12/05/23 20:00	
Styrene	5.0 U	5.0	0.20	1	12/05/23 20:00	

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Analytical Report

Client: AECOM
Project: Diebold/60718697
Sample Matrix: Water

Service Request: R2310969
Date Collected: 11/29/23
Date Received: 11/29/23 15:49

Sample Name: FD-112923
Lab Code: R2310969-006

Units: ug/L
Basis: NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C
Prep Method: EPA 5030C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
Tetrachloroethene (PCE)	5.0 U	5.0	0.21	1	12/05/23 20:00	
Toluene	5.0 U	5.0	0.20	1	12/05/23 20:00	
Trichloroethene (TCE)	27	5.0	0.20	1	12/05/23 20:00	
Trichlorofluoromethane (CFC 11)	5.0 U	5.0	0.24	1	12/05/23 20:00	
Vinyl Chloride	2.8 J	5.0	0.20	1	12/05/23 20:00	
cis-1,2-Dichloroethene	6.7	5.0	0.23	1	12/05/23 20:00	
cis-1,3-Dichloropropene	5.0 U	5.0	0.20	1	12/05/23 20:00	
m,p-Xylenes	5.0 U	5.0	0.20	1	12/05/23 20:00	
o-Xylene	5.0 U	5.0	0.20	1	12/05/23 20:00	
trans-1,2-Dichloroethene	5.0 U	5.0	0.20	1	12/05/23 20:00	
trans-1,3-Dichloropropene	5.0 U	5.0	0.23	1	12/05/23 20:00	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	94	85 - 122	12/05/23 20:00	
Dibromofluoromethane	100	80 - 116	12/05/23 20:00	
Toluene-d8	102	87 - 121	12/05/23 20:00	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client: AECOM
Project: Diebold/60718697
Sample Matrix: Water

Service Request: R2310969
Date Collected: 11/29/23 10:52
Date Received: 11/29/23 15:49

Sample Name: Trip Blank
Lab Code: R2310969-007

Units: ug/L
Basis: NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C
Prep Method: EPA 5030C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
1,1,1-Trichloroethane (TCA)	5.0 U	5.0	0.20	1	12/05/23 18:05	
1,1,2,2-Tetrachloroethane	5.0 U	5.0	0.20	1	12/05/23 18:05	
1,1,2-Trichloroethane	5.0 U	5.0	0.20	1	12/05/23 18:05	
1,1,2-Trichloro-1,2,2-trifluoroethane	5.0 U	5.0	0.20	1	12/05/23 18:05	
1,1-Dichloroethane (1,1-DCA)	5.0 U	5.0	0.20	1	12/05/23 18:05	
1,1-Dichloroethene (1,1-DCE)	5.0 U	5.0	0.20	1	12/05/23 18:05	
1,2,3-Trichlorobenzene	5.0 U	5.0	0.25	1	12/05/23 18:05	
1,2,4-Trichlorobenzene	5.0 U	5.0	0.34	1	12/05/23 18:05	
1,2-Dibromo-3-chloropropane (DBCP)	5.0 U	5.0	0.45	1	12/05/23 18:05	
1,2-Dibromoethane	5.0 U	5.0	0.20	1	12/05/23 18:05	
1,2-Dichlorobenzene	5.0 U	5.0	0.20	1	12/05/23 18:05	
1,2-Dichloroethane	5.0 U	5.0	0.20	1	12/05/23 18:05	
1,2-Dichloropropane	5.0 U	5.0	0.20	1	12/05/23 18:05	
1,3-Dichlorobenzene	5.0 U	5.0	0.20	1	12/05/23 18:05	
1,4-Dichlorobenzene	5.0 U	5.0	0.20	1	12/05/23 18:05	
1,4-Dioxane	100 U	100	13	1	12/05/23 18:05	
2-Butanone (MEK)	10 U	10	0.78	1	12/05/23 18:05	
2-Hexanone	10 U	10	0.20	1	12/05/23 18:05	
4-Methyl-2-pentanone	10 U	10	0.20	1	12/05/23 18:05	
Acetone	10 U	10	5.0	1	12/05/23 18:05	
Benzene	5.0 U	5.0	0.20	1	12/05/23 18:05	
Bromochloromethane	5.0 U	5.0	0.20	1	12/05/23 18:05	
Bromodichloromethane	5.0 U	5.0	0.20	1	12/05/23 18:05	
Bromoform	5.0 U	5.0	0.25	1	12/05/23 18:05	
Bromomethane	5.0 U	5.0	0.70	1	12/05/23 18:05	
Carbon Disulfide	10 U	10	0.42	1	12/05/23 18:05	
Carbon Tetrachloride	5.0 U	5.0	0.34	1	12/05/23 18:05	
Chlorobenzene	5.0 U	5.0	0.20	1	12/05/23 18:05	
Chloroethane	5.0 U	5.0	0.23	1	12/05/23 18:05	
Chloroform	5.0 U	5.0	0.51	1	12/05/23 18:05	
Chloromethane	5.0 U	5.0	0.80	1	12/05/23 18:05	
Cyclohexane	10 U	10	0.60	1	12/05/23 18:05	
Dibromochloromethane	5.0 U	5.0	0.20	1	12/05/23 18:05	
Dichlorodifluoromethane (CFC 12)	5.0 U	5.0	0.21	1	12/05/23 18:05	
Dichloromethane	5.0 U	5.0	0.65	1	12/05/23 18:05	
Ethylbenzene	5.0 U	5.0	0.20	1	12/05/23 18:05	
Isopropylbenzene (Cumene)	5.0 U	5.0	0.20	1	12/05/23 18:05	
Methyl Acetate	10 U	10	0.87	1	12/05/23 18:05	
Methyl tert-Butyl Ether	5.0 U	5.0	0.20	1	12/05/23 18:05	
Methylcyclohexane	10 U	10	0.20	1	12/05/23 18:05	
Styrene	5.0 U	5.0	0.20	1	12/05/23 18:05	

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Analytical Report

Client: AECOM
Project: Diebold/60718697
Sample Matrix: Water

Service Request: R2310969
Date Collected: 11/29/23 10:52
Date Received: 11/29/23 15:49

Sample Name: Trip Blank
Lab Code: R2310969-007

Units: ug/L
Basis: NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C
Prep Method: EPA 5030C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
Tetrachloroethene (PCE)	5.0 U	5.0	0.21	1	12/05/23 18:05	
Toluene	5.0 U	5.0	0.20	1	12/05/23 18:05	
Trichloroethene (TCE)	5.0 U	5.0	0.20	1	12/05/23 18:05	
Trichlorofluoromethane (CFC 11)	5.0 U	5.0	0.24	1	12/05/23 18:05	
Vinyl Chloride	5.0 U	5.0	0.20	1	12/05/23 18:05	
cis-1,2-Dichloroethene	5.0 U	5.0	0.23	1	12/05/23 18:05	
cis-1,3-Dichloropropene	5.0 U	5.0	0.20	1	12/05/23 18:05	
m,p-Xylenes	5.0 U	5.0	0.20	1	12/05/23 18:05	
o-Xylene	5.0 U	5.0	0.20	1	12/05/23 18:05	
trans-1,2-Dichloroethene	5.0 U	5.0	0.20	1	12/05/23 18:05	
trans-1,3-Dichloropropene	5.0 U	5.0	0.23	1	12/05/23 18:05	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	99	85 - 122	12/05/23 18:05	
Dibromofluoromethane	98	80 - 116	12/05/23 18:05	
Toluene-d8	100	87 - 121	12/05/23 18:05	



QC Summary Forms

ALS Environmental—Rochester Laboratory
1565 Jefferson Road, Building 300, Suite 360, Rochester, NY 14623
Phone (585) 288-5380 Fax (585) 288-8475
www.alsglobal.com



Volatile Organic Compounds by GC/MS

ALS Environmental—Rochester Laboratory

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ALS Group USA, Corp.
dba ALS Environmental

QA/QC Report

Client: AECOM
Project: Diebold/60718697
Sample Matrix: Water

Service Request: R2310969

SURROGATE RECOVERY SUMMARY
Volatile Organic Compounds by GC/MS

Analysis Method: 8260C
Extraction Method: EPA 5030C

Sample Name	Lab Code	4-Bromofluorobenzene	Dibromofluoromethane	Toluene-d8
		85 - 122	80 - 116	87 - 121
MW-06D	R2310969-001	91	97	99
MW-06S	R2310969-002	92	101	101
MW-10S	R2310969-003	94	100	101
MW-07S	R2310969-004	93	95	97
MW-07D	R2310969-005	95	98	101
FD-112923	R2310969-006	94	100	102
Trip Blank	R2310969-007	99	98	100
Lab Control Sample	RQ2315982-03	102	106	103
Method Blank	RQ2315982-04	93	98	101
Lab Control Sample	RQ2316008-03	100	101	101
Method Blank	RQ2316008-04	93	99	98
MW-06S MS	RQ2316008-05	104	105	103
MW-06S DMS	RQ2316008-06	101	103	100

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QA/QC Report

Client: AECOM
Project: Diebold/60718697
Sample Matrix: Water

Service Request: R2310969
Date Collected: 11/29/23
Date Received: 11/29/23
Date Analyzed: 12/6/23
Date Extracted: NA

Duplicate Matrix Spike Summary
Volatile Organic Compounds by GC/MS

Sample Name: MW-06S
Lab Code: R2310969-002
Analysis Method: 8260C
Prep Method: EPA 5030C

Units: ug/L
Basis: NA

Analyte Name	Sample Result	Matrix Spike RQ2316008-05			Duplicate Matrix Spike RQ2316008-06			% Rec Limits	RPD	RPD Limit
		Result	Spike Amount	% Rec	Result	Spike Amount	% Rec			
1,1,1-Trichloroethane (TCA)	0.42 J	52.9	50.0	105	52.3	50.0	104	74-127	1	30
1,1,2,2-Tetrachloroethane	5.0 U	45.8	50.0	92	46.1	50.0	92	72-122	<1	30
1,1,2-Trichloroethane	5.0 U	48.8	50.0	98	47.4	50.0	95	82-121	3	30
1,1,2-Trichloro-1,2,2-trifluoroethane	5.0 U	46.4	50.0	93	44.0	50.0	88	50-147	5	30
1,1-Dichloroethane (1,1-DCA)	0.93 J	51.6	50.0	101	52.2	50.0	103	74-132	1	30
1,1-Dichloroethene (1,1-DCE)	5.0 U	45.8	50.0	92	44.9	50.0	90	71-118	2	30
1,2,3-Trichlorobenzene	5.0 U	57.0	50.0	114	58.3	50.0	117	59-129	2	30
1,2,4-Trichlorobenzene	5.0 U	56.2	50.0	112	55.3	50.0	111	69-122	2	30
1,2-Dibromo-3-chloropropane (DBCP)	5.0 U	46.0	50.0	92	45.4	50.0	91	37-150	1	30
1,2-Dibromoethane	5.0 U	49.9	50.0	100	49.2	50.0	98	67-127	1	30
1,2-Dichlorobenzene	5.0 U	47.8	50.0	96	46.9	50.0	94	77-120	2	30
1,2-Dichloroethane	5.0 U	50.6	50.0	101	50.6	50.0	101	68-130	<1	30
1,2-Dichloropropane	5.0 U	48.1	50.0	96	47.4	50.0	95	79-124	1	30
1,3-Dichlorobenzene	5.0 U	53.4	50.0	107	51.3	50.0	103	83-121	4	30
1,4-Dichlorobenzene	5.0 U	46.8	50.0	94	46.2	50.0	92	82-120	1	30
1,4-Dioxane	100 U	958	1000	96	986	1000	99	44-154	3	30
2-Butanone (MEK)	10 U	37.1	50.0	74	37.3	50.0	75	61-137	<1	30
2-Hexanone	10 U	44.0	50.0	88	43.5	50.0	87	56-132	1	30
4-Methyl-2-pentanone	10 U	46.5	50.0	93	45.6	50.0	91	60-141	2	30
Acetone	10 U	36.8	50.0	74	35.6	50.0	71	35-183	3	30
Benzene	5.0 U	50.4	50.0	101	49.7	50.0	99	76-129	1	30
Bromochloromethane	5.0 U	54.2	50.0	108	55.2	50.0	110	80-122	2	30
Bromodichloromethane	5.0 U	50.0	50.0	100	50.2	50.0	100	78-133	<1	30
Bromoform	5.0 U	52.6	50.0	105	53.7	50.0	107	58-133	2	30
Bromomethane	5.0 U	60.6	50.0	121	57.7	50.0	115	10-184	5	30
Carbon Disulfide	10 U	38.3	50.0	77	38.5	50.0	77	59-140	<1	30
Carbon Tetrachloride	5.0 U	51.2	50.0	102	50.0	50.0	100	65-135	2	30
Chlorobenzene	5.0 U	49.1	50.0	98	47.4	50.0	95	76-125	3	30
Chloroethane	5.0 U	45.5	50.0	91	42.7	50.0	85	48-146	6	30
Chloroform	5.0 U	47.9	50.0	96	46.8	50.0	94	75-130	2	30
Chloromethane	5.0 U	55.0	50.0	110	54.1	50.0	108	55-160	2	30
Cyclohexane	10 U	41.6	50.0	83	38.5	50.0	77	52-145	8	30
Dibromochloromethane	5.0 U	50.0	50.0	100	51.6	50.0	103	72-128	3	30

Results flagged with an asterisk (*) indicate values outside control criteria.

Results flagged with a pound (#) indicate the control criteria is not applicable.

Percent recoveries and relative percent differences (RPD) are determined by the software using values in the calculation which have not been rounded.

Matrix Spike and Matrix Spike Duplicate Data is presented for information purposes only. The matrix may or may not be relevant to samples reported in this report. The laboratory evaluates system performance based on the LCS and LCSD control limits.

ALS Group USA, Corp.
dba ALS Environmental

QA/QC Report

Client: AECOM
Project: Diebold/60718697
Sample Matrix: Water

Service Request: R2310969
Date Collected: 11/29/23
Date Received: 11/29/23
Date Analyzed: 12/6/23
Date Extracted: NA

Duplicate Matrix Spike Summary
Volatile Organic Compounds by GC/MS

Sample Name: MW-06S
Lab Code: R2310969-002
Analysis Method: 8260C
Prep Method: EPA 5030C

Units: ug/L
Basis: NA

Analyte Name	Sample Result	Matrix Spike RQ2316008-05			Duplicate Matrix Spike RQ2316008-06			% Rec Limits	RPD	RPD Limit
		Result	Spike Amount	% Rec	Result	Spike Amount	% Rec			
Dichlorodifluoromethane (CFC 12)	5.0 U	54.4	50.0	109	54.3	50.0	109	49-154	<1	30
Dichloromethane	5.0 U	49.9	50.0	100	50.5	50.0	101	73-122	1	30
Ethylbenzene	5.0 U	49.7	50.0	99	47.2	50.0	94	72-134	5	30
Isopropylbenzene (Cumene)	5.0 U	49.9	50.0	100	46.8	50.0	94	77-128	7	30
Methyl Acetate	10 U	26.5	50.0	53	26.4	50.0	53	26-121	<1	30
Methyl tert-Butyl Ether	5.0 U	47.4	50.0	95	47.8	50.0	96	75-119	<1	30
Methylcyclohexane	10 U	41.5	50.0	83	38.4	50.0	77	45-146	8	30
Styrene	5.0 U	52.8	50.0	106	50.2	50.0	100	74-136	5	30
Tetrachloroethene (PCE)	5.0 U	50.7	50.0	101	47.8	50.0	96	72-125	6	30
Toluene	5.0 U	51.9	50.0	104	49.3	50.0	99	79-119	5	30
Trichloroethene (TCE)	27	82.2	50.0	110	79.2	50.0	104	74-122	4	30
Trichlorofluoromethane (CFC 11)	5.0 U	51.6	50.0	103	49.6	50.0	99	71-136	4	30
Vinyl Chloride	1.8 J	49.2	50.0	95	47.6	50.0	92	74-159	3	30
cis-1,2-Dichloroethene	9.6	57.5	50.0	96	57.1	50.0	95	77-127	<1	30
cis-1,3-Dichloropropene	5.0 U	51.3	50.0	103	50.1	50.0	100	52-134	2	30
m,p-Xylenes	5.0 U	102	100	102	97.4	100	97	80-126	5	30
o-Xylene	5.0 U	50.2	50.0	100	47.9	50.0	96	79-123	5	30
trans-1,2-Dichloroethene	5.0 U	50.1	50.0	100	48.9	50.0	98	73-118	3	30
trans-1,3-Dichloropropene	5.0 U	51.6	50.0	103	50.8	50.0	102	71-133	2	30

Results flagged with an asterisk (*) indicate values outside control criteria.

Results flagged with a pound (#) indicate the control criteria is not applicable.

Percent recoveries and relative percent differences (RPD) are determined by the software using values in the calculation which have not been rounded.

Matrix Spike and Matrix Spike Duplicate Data is presented for information purposes only. The matrix may or may not be relevant to samples reported in this report. The laboratory evaluates system performance based on the LCS and LCSD control limits.

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client: AECOM
Project: Diebold/60718697
Sample Matrix: Water

Service Request: R2310969
Date Collected: NA
Date Received: NA

Sample Name: Method Blank
Lab Code: RQ2315982-04

Units: ug/L
Basis: NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C
Prep Method: EPA 5030C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
1,1,1-Trichloroethane (TCA)	5.0 U	5.0	0.20	1	12/05/23 17:42	
1,1,2,2-Tetrachloroethane	5.0 U	5.0	0.20	1	12/05/23 17:42	
1,1,2-Trichloroethane	5.0 U	5.0	0.20	1	12/05/23 17:42	
1,1,2-Trichloro-1,2,2-trifluoroethane	5.0 U	5.0	0.20	1	12/05/23 17:42	
1,1-Dichloroethane (1,1-DCA)	5.0 U	5.0	0.20	1	12/05/23 17:42	
1,1-Dichloroethene (1,1-DCE)	5.0 U	5.0	0.20	1	12/05/23 17:42	
1,2,3-Trichlorobenzene	5.0 U	5.0	0.25	1	12/05/23 17:42	
1,2,4-Trichlorobenzene	5.0 U	5.0	0.34	1	12/05/23 17:42	
1,2-Dibromo-3-chloropropane (DBCP)	5.0 U	5.0	0.45	1	12/05/23 17:42	
1,2-Dibromoethane	5.0 U	5.0	0.20	1	12/05/23 17:42	
1,2-Dichlorobenzene	5.0 U	5.0	0.20	1	12/05/23 17:42	
1,2-Dichloroethane	5.0 U	5.0	0.20	1	12/05/23 17:42	
1,2-Dichloropropane	5.0 U	5.0	0.20	1	12/05/23 17:42	
1,3-Dichlorobenzene	5.0 U	5.0	0.20	1	12/05/23 17:42	
1,4-Dichlorobenzene	5.0 U	5.0	0.20	1	12/05/23 17:42	
1,4-Dioxane	100 U	100	13	1	12/05/23 17:42	
2-Butanone (MEK)	10 U	10	0.78	1	12/05/23 17:42	
2-Hexanone	10 U	10	0.20	1	12/05/23 17:42	
4-Methyl-2-pentanone	10 U	10	0.20	1	12/05/23 17:42	
Acetone	10 U	10	5.0	1	12/05/23 17:42	
Benzene	5.0 U	5.0	0.20	1	12/05/23 17:42	
Bromochloromethane	5.0 U	5.0	0.20	1	12/05/23 17:42	
Bromodichloromethane	5.0 U	5.0	0.20	1	12/05/23 17:42	
Bromoform	5.0 U	5.0	0.25	1	12/05/23 17:42	
Bromomethane	5.0 U	5.0	0.70	1	12/05/23 17:42	
Carbon Disulfide	10 U	10	0.42	1	12/05/23 17:42	
Carbon Tetrachloride	5.0 U	5.0	0.34	1	12/05/23 17:42	
Chlorobenzene	5.0 U	5.0	0.20	1	12/05/23 17:42	
Chloroethane	5.0 U	5.0	0.23	1	12/05/23 17:42	
Chloroform	5.0 U	5.0	0.51	1	12/05/23 17:42	
Chloromethane	5.0 U	5.0	0.80	1	12/05/23 17:42	
Cyclohexane	10 U	10	0.60	1	12/05/23 17:42	
Dibromochloromethane	5.0 U	5.0	0.20	1	12/05/23 17:42	
Dichlorodifluoromethane (CFC 12)	5.0 U	5.0	0.21	1	12/05/23 17:42	
Dichloromethane	5.0 U	5.0	0.65	1	12/05/23 17:42	
Ethylbenzene	5.0 U	5.0	0.20	1	12/05/23 17:42	
Isopropylbenzene (Cumene)	5.0 U	5.0	0.20	1	12/05/23 17:42	
Methyl Acetate	10 U	10	0.87	1	12/05/23 17:42	
Methyl tert-Butyl Ether	5.0 U	5.0	0.20	1	12/05/23 17:42	
Methylcyclohexane	10 U	10	0.20	1	12/05/23 17:42	
Styrene	5.0 U	5.0	0.20	1	12/05/23 17:42	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client: AECOM
Project: Diebold/60718697
Sample Matrix: Water

Service Request: R2310969
Date Collected: NA
Date Received: NA

Sample Name: Method Blank
Lab Code: RQ2315982-04

Units: ug/L
Basis: NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C
Prep Method: EPA 5030C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
Tetrachloroethene (PCE)	5.0 U	5.0	0.21	1	12/05/23 17:42	
Toluene	5.0 U	5.0	0.20	1	12/05/23 17:42	
Trichloroethene (TCE)	5.0 U	5.0	0.20	1	12/05/23 17:42	
Trichlorofluoromethane (CFC 11)	5.0 U	5.0	0.24	1	12/05/23 17:42	
Vinyl Chloride	5.0 U	5.0	0.20	1	12/05/23 17:42	
cis-1,2-Dichloroethene	5.0 U	5.0	0.23	1	12/05/23 17:42	
cis-1,3-Dichloropropene	5.0 U	5.0	0.20	1	12/05/23 17:42	
m,p-Xylenes	5.0 U	5.0	0.20	1	12/05/23 17:42	
o-Xylene	5.0 U	5.0	0.20	1	12/05/23 17:42	
trans-1,2-Dichloroethene	5.0 U	5.0	0.20	1	12/05/23 17:42	
trans-1,3-Dichloropropene	5.0 U	5.0	0.23	1	12/05/23 17:42	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	93	85 - 122	12/05/23 17:42	
Dibromofluoromethane	98	80 - 116	12/05/23 17:42	
Toluene-d8	101	87 - 121	12/05/23 17:42	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client: AECOM
Project: Diebold/60718697
Sample Matrix: Water

Service Request: R2310969
Date Collected: NA
Date Received: NA

Sample Name: Method Blank
Lab Code: RQ2316008-04

Units: ug/L
Basis: NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C
Prep Method: EPA 5030C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
1,1,1-Trichloroethane (TCA)	5.0 U	5.0	0.20	1	12/06/23 11:49	
1,1,2,2-Tetrachloroethane	5.0 U	5.0	0.20	1	12/06/23 11:49	
1,1,2-Trichloroethane	5.0 U	5.0	0.20	1	12/06/23 11:49	
1,1,2-Trichloro-1,2,2-trifluoroethane	5.0 U	5.0	0.20	1	12/06/23 11:49	
1,1-Dichloroethane (1,1-DCA)	5.0 U	5.0	0.20	1	12/06/23 11:49	
1,1-Dichloroethene (1,1-DCE)	5.0 U	5.0	0.20	1	12/06/23 11:49	
1,2,3-Trichlorobenzene	5.0 U	5.0	0.25	1	12/06/23 11:49	
1,2,4-Trichlorobenzene	5.0 U	5.0	0.34	1	12/06/23 11:49	
1,2-Dibromo-3-chloropropane (DBCP)	5.0 U	5.0	0.45	1	12/06/23 11:49	
1,2-Dibromoethane	5.0 U	5.0	0.20	1	12/06/23 11:49	
1,2-Dichlorobenzene	5.0 U	5.0	0.20	1	12/06/23 11:49	
1,2-Dichloroethane	5.0 U	5.0	0.20	1	12/06/23 11:49	
1,2-Dichloropropane	5.0 U	5.0	0.20	1	12/06/23 11:49	
1,3-Dichlorobenzene	5.0 U	5.0	0.20	1	12/06/23 11:49	
1,4-Dichlorobenzene	5.0 U	5.0	0.20	1	12/06/23 11:49	
1,4-Dioxane	100 U	100	13	1	12/06/23 11:49	
2-Butanone (MEK)	10 U	10	0.78	1	12/06/23 11:49	
2-Hexanone	10 U	10	0.20	1	12/06/23 11:49	
4-Methyl-2-pentanone	10 U	10	0.20	1	12/06/23 11:49	
Acetone	10 U	10	5.0	1	12/06/23 11:49	
Benzene	5.0 U	5.0	0.20	1	12/06/23 11:49	
Bromochloromethane	5.0 U	5.0	0.20	1	12/06/23 11:49	
Bromodichloromethane	5.0 U	5.0	0.20	1	12/06/23 11:49	
Bromoform	5.0 U	5.0	0.25	1	12/06/23 11:49	
Bromomethane	5.0 U	5.0	0.70	1	12/06/23 11:49	
Carbon Disulfide	10 U	10	0.42	1	12/06/23 11:49	
Carbon Tetrachloride	5.0 U	5.0	0.34	1	12/06/23 11:49	
Chlorobenzene	5.0 U	5.0	0.20	1	12/06/23 11:49	
Chloroethane	5.0 U	5.0	0.23	1	12/06/23 11:49	
Chloroform	5.0 U	5.0	0.51	1	12/06/23 11:49	
Chloromethane	5.0 U	5.0	0.80	1	12/06/23 11:49	
Cyclohexane	10 U	10	0.60	1	12/06/23 11:49	
Dibromochloromethane	5.0 U	5.0	0.20	1	12/06/23 11:49	
Dichlorodifluoromethane (CFC 12)	5.0 U	5.0	0.21	1	12/06/23 11:49	
Dichloromethane	5.0 U	5.0	0.65	1	12/06/23 11:49	
Ethylbenzene	5.0 U	5.0	0.20	1	12/06/23 11:49	
Isopropylbenzene (Cumene)	5.0 U	5.0	0.20	1	12/06/23 11:49	
Methyl Acetate	10 U	10	0.87	1	12/06/23 11:49	
Methyl tert-Butyl Ether	5.0 U	5.0	0.20	1	12/06/23 11:49	
Methylcyclohexane	10 U	10	0.20	1	12/06/23 11:49	
Styrene	5.0 U	5.0	0.20	1	12/06/23 11:49	

ALS Group USA, Corp.
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Analytical Report

Client: AECOM
Project: Diebold/60718697
Sample Matrix: Water

Service Request: R2310969
Date Collected: NA
Date Received: NA

Sample Name: Method Blank
Lab Code: RQ2316008-04

Units: ug/L
Basis: NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C
Prep Method: EPA 5030C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
Tetrachloroethene (PCE)	5.0 U	5.0	0.21	1	12/06/23 11:49	
Toluene	5.0 U	5.0	0.20	1	12/06/23 11:49	
Trichloroethene (TCE)	5.0 U	5.0	0.20	1	12/06/23 11:49	
Trichlorofluoromethane (CFC 11)	5.0 U	5.0	0.24	1	12/06/23 11:49	
Vinyl Chloride	5.0 U	5.0	0.20	1	12/06/23 11:49	
cis-1,2-Dichloroethene	5.0 U	5.0	0.23	1	12/06/23 11:49	
cis-1,3-Dichloropropene	5.0 U	5.0	0.20	1	12/06/23 11:49	
m,p-Xylenes	5.0 U	5.0	0.20	1	12/06/23 11:49	
o-Xylene	5.0 U	5.0	0.20	1	12/06/23 11:49	
trans-1,2-Dichloroethene	5.0 U	5.0	0.20	1	12/06/23 11:49	
trans-1,3-Dichloropropene	5.0 U	5.0	0.23	1	12/06/23 11:49	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	93	85 - 122	12/06/23 11:49	
Dibromofluoromethane	99	80 - 116	12/06/23 11:49	
Toluene-d8	98	87 - 121	12/06/23 11:49	

ALS Group USA, Corp.
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QA/QC Report

Client: AECOM
Project: Diebold/60718697
Sample Matrix: Water

Service Request: R2310969
Date Analyzed: 12/05/23

Lab Control Sample Summary
Volatile Organic Compounds by GC/MS

Units:ug/L
Basis:NA

Lab Control Sample
RQ2315982-03

Analyte Name	Analytical Method	Result	Spike Amount	% Rec	% Rec Limits
1,1,1-Trichloroethane (TCA)	8260C	19.3	20.0	97	75-125
1,1,2,2-Tetrachloroethane	8260C	18.3	20.0	91	78-126
1,1,2-Trichloroethane	8260C	18.5	20.0	92	82-121
1,1,2-Trichloro-1,2,2-trifluoroethane	8260C	18.9	20.0	95	67-124
1,1-Dichloroethane (1,1-DCA)	8260C	19.3	20.0	96	80-124
1,1-Dichloroethene (1,1-DCE)	8260C	17.6	20.0	88	69-142
1,2,3-Trichlorobenzene	8260C	23.3	20.0	117	67-136
1,2,4-Trichlorobenzene	8260C	22.2	20.0	111	75-132
1,2-Dibromo-3-chloropropane (DBCP)	8260C	17.4	20.0	87	55-136
1,2-Dibromoethane	8260C	19.3	20.0	97	82-127
1,2-Dichlorobenzene	8260C	18.8	20.0	94	80-119
1,2-Dichloroethane	8260C	19.6	20.0	98	71-127
1,2-Dichloropropane	8260C	18.1	20.0	91	80-119
1,3-Dichlorobenzene	8260C	20.4	20.0	102	83-121
1,4-Dichlorobenzene	8260C	18.2	20.0	91	79-119
1,4-Dioxane	8260C	352	400	88	44-154
2-Butanone (MEK)	8260C	14.2	20.0	71	61-137
2-Hexanone	8260C	17.0	20.0	85	63-124
4-Methyl-2-pentanone	8260C	17.5	20.0	87	66-124
Acetone	8260C	14.3	20.0	71	40-161
Benzene	8260C	19.0	20.0	95	79-119
Bromochloromethane	8260C	21.3	20.0	106	81-126
Bromodichloromethane	8260C	18.5	20.0	93	81-123
Bromoform	8260C	19.4	20.0	97	65-146
Bromomethane	8260C	18.3	20.0	91	42-166
Carbon Disulfide	8260C	15.2	20.0	76	66-128
Carbon Tetrachloride	8260C	18.6	20.0	93	70-127
Chlorobenzene	8260C	18.6	20.0	93	80-121
Chloroethane	8260C	16.4	20.0	82	62-131
Chloroform	8260C	18.3	20.0	91	79-120
Chloromethane	8260C	21.3	20.0	106	72-179
Cyclohexane	8260C	17.1	20.0	85	69-120
Dibromochloromethane	8260C	18.9	20.0	94	72-128

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Superset Reference:23-0000682706 rev 00

ALS Group USA, Corp.
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QA/QC Report

Client: AECOM
Project: Diebold/60718697
Sample Matrix: Water

Service Request: R2310969
Date Analyzed: 12/05/23

Lab Control Sample Summary
Volatile Organic Compounds by GC/MS

Units:ug/L
Basis:NA

Lab Control Sample
RQ2315982-03

Analyte Name	Analytical Method	Result	Spike Amount	% Rec	% Rec Limits
Dichlorodifluoromethane (CFC 12)	8260C	24.2	20.0	121	59-155
Dichloromethane	8260C	19.9	20.0	99	73-122
Ethylbenzene	8260C	18.2	20.0	91	76-120
Isopropylbenzene (Cumene)	8260C	18.0	20.0	90	77-128
Methyl Acetate	8260C	12.2	20.0	61	61-133
Methyl tert-Butyl Ether	8260C	18.8	20.0	94	75-118
Methylcyclohexane	8260C	17.7	20.0	88	51-129
Styrene	8260C	19.1	20.0	95	80-124
Tetrachloroethene (PCE)	8260C	18.7	20.0	94	72-125
Toluene	8260C	18.8	20.0	94	79-119
Trichloroethene (TCE)	8260C	19.8	20.0	99	74-122
Trichlorofluoromethane (CFC 11)	8260C	20.0	20.0	100	71-136
Vinyl Chloride	8260C	18.4	20.0	92	74-159
cis-1,2-Dichloroethene	8260C	18.4	20.0	92	80-121
cis-1,3-Dichloropropene	8260C	19.6	20.0	98	77-122
m,p-Xylenes	8260C	36.8	40.0	92	80-126
o-Xylene	8260C	18.2	20.0	91	79-123
trans-1,2-Dichloroethene	8260C	18.2	20.0	91	73-118
trans-1,3-Dichloropropene	8260C	20.1	20.0	100	71-133

ALS Group USA, Corp.
dba ALS Environmental

QA/QC Report

Client: AECOM
Project: Diebold/60718697
Sample Matrix: Water

Service Request: R2310969
Date Analyzed: 12/06/23

Lab Control Sample Summary
Volatile Organic Compounds by GC/MS

Units:ug/L
Basis:NA

Lab Control Sample
RQ2316008-03

Analyte Name	Analytical Method	Result	Spike Amount	% Rec	% Rec Limits
1,1,1-Trichloroethane (TCA)	8260C	19.6	20.0	98	75-125
1,1,2,2-Tetrachloroethane	8260C	17.8	20.0	89	78-126
1,1,2-Trichloroethane	8260C	18.5	20.0	92	82-121
1,1,2-Trichloro-1,2,2-trifluoroethane	8260C	19.5	20.0	98	67-124
1,1-Dichloroethane (1,1-DCA)	8260C	19.3	20.0	97	80-124
1,1-Dichloroethene (1,1-DCE)	8260C	17.9	20.0	89	69-142
1,2,3-Trichlorobenzene	8260C	23.4	20.0	117	67-136
1,2,4-Trichlorobenzene	8260C	22.1	20.0	111	75-132
1,2-Dibromo-3-chloropropane (DBCP)	8260C	16.7	20.0	84	55-136
1,2-Dibromoethane	8260C	19.1	20.0	96	82-127
1,2-Dichlorobenzene	8260C	18.6	20.0	93	80-119
1,2-Dichloroethane	8260C	19.7	20.0	99	71-127
1,2-Dichloropropane	8260C	19.1	20.0	95	80-119
1,3-Dichlorobenzene	8260C	20.5	20.0	103	83-121
1,4-Dichlorobenzene	8260C	18.7	20.0	93	79-119
1,4-Dioxane	8260C	372	400	93	44-154
2-Butanone (MEK)	8260C	16.1	20.0	81	61-137
2-Hexanone	8260C	18.0	20.0	90	63-124
4-Methyl-2-pentanone	8260C	18.6	20.0	93	66-124
Acetone	8260C	15.0	20.0	75	40-161
Benzene	8260C	19.3	20.0	96	79-119
Bromochloromethane	8260C	20.8	20.0	104	81-126
Bromodichloromethane	8260C	19.0	20.0	95	81-123
Bromoform	8260C	19.1	20.0	96	65-146
Bromomethane	8260C	17.2	20.0	86	42-166
Carbon Disulfide	8260C	15.8	20.0	79	66-128
Carbon Tetrachloride	8260C	19.2	20.0	96	70-127
Chlorobenzene	8260C	18.7	20.0	94	80-121
Chloroethane	8260C	16.8	20.0	84	62-131
Chloroform	8260C	18.2	20.0	91	79-120
Chloromethane	8260C	21.7	20.0	108	72-179
Cyclohexane	8260C	15.4	20.0	77	69-120
Dibromochloromethane	8260C	18.7	20.0	93	72-128

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Superset Reference:23-0000682706 rev 00

ALS Group USA, Corp.
dba ALS Environmental

QA/QC Report

Client: AECOM
Project: Diebold/60718697
Sample Matrix: Water

Service Request: R2310969
Date Analyzed: 12/06/23

Lab Control Sample Summary
Volatile Organic Compounds by GC/MS

Units:ug/L
Basis:NA

Lab Control Sample
RQ2316008-03

Analyte Name	Analytical Method	Result	Spike Amount	% Rec	% Rec Limits
Dichlorodifluoromethane (CFC 12)	8260C	24.1	20.0	121	59-155
Dichloromethane	8260C	19.7	20.0	99	73-122
Ethylbenzene	8260C	18.8	20.0	94	76-120
Isopropylbenzene (Cumene)	8260C	18.7	20.0	93	77-128
Methyl Acetate	8260C	11.8	20.0	59 *	61-133
Methyl tert-Butyl Ether	8260C	18.7	20.0	94	75-118
Methylcyclohexane	8260C	15.7	20.0	78	51-129
Styrene	8260C	19.3	20.0	97	80-124
Tetrachloroethene (PCE)	8260C	19.4	20.0	97	72-125
Toluene	8260C	19.2	20.0	96	79-119
Trichloroethene (TCE)	8260C	20.0	20.0	100	74-122
Trichlorofluoromethane (CFC 11)	8260C	20.6	20.0	103	71-136
Vinyl Chloride	8260C	18.6	20.0	93	74-159
cis-1,2-Dichloroethene	8260C	18.4	20.0	92	80-121
cis-1,3-Dichloropropene	8260C	19.5	20.0	97	77-122
m,p-Xylenes	8260C	37.8	40.0	94	80-126
o-Xylene	8260C	18.6	20.0	93	79-123
trans-1,2-Dichloroethene	8260C	19.1	20.0	96	73-118
trans-1,3-Dichloropropene	8260C	19.8	20.0	99	71-133

ATTACHMENT F

Institutional and Engineering Controls Certification Form



Enclosure 2
NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
Site Management Periodic Review Report Notice
Institutional and Engineering Controls Certification Form



Site Details

Box 1

Site No. 835008

Site Name Griffin Technology, Inc. – OFF-SITE

Site Address: 6132 Victor Manchester Road Zip Code: 14425
City/Town: Farmington
County: Ontario
Site Acreage: 3.6

Reporting Period: December 31, 2021 to December 31, 2023

- | | YES | NO | N/A |
|--|--------------------------|--------------------------|--------------------------|
| 1. Is the information above correct?
If NO, include handwritten above or on a separate sheet. | ✓ | <input type="checkbox"/> | <input type="checkbox"/> |
| 2. Has some or all of the OFF-SITE property been sold, subdivided, merged, or undergone a tax map amendment during this Reporting Period? | <input type="checkbox"/> | ✓ | <input type="checkbox"/> |
| 3. Has there been any change of use at the site during this Reporting Period (see 6NYCRR 375-1.11(d))? | <input type="checkbox"/> | <input type="checkbox"/> | ✓ |
| 4. Have any federal, state, and/or local permits (e.g., building, discharge) been issued for or at the OFF-SITE property during this Reporting Period? | <input type="checkbox"/> | ✓ | <input type="checkbox"/> |
| If you answered YES to questions 2 thru 4, include documentation or evidence that documentation has been previously submitted with this certification form. | | | |
| 5. Is the OFF-SITE property currently undergoing development? | <input type="checkbox"/> | ✓ | <input type="checkbox"/> |

Box 2

- | | YES | NO | N/A |
|--|-----|--------------------------|--------------------------|
| 6. Is the current site use consistent with the use(s) listed below?
Commercial and Industrial | ✓ | <input type="checkbox"/> | <input type="checkbox"/> |
| 7. Are all ICs/ECs in place and functioning as designed? | ✓ | <input type="checkbox"/> | <input type="checkbox"/> |

**IF THE ANSWER TO EITHER QUESTION 6 OR 7 IS NO, sign and date below and
DO NOT COMPLETE THE REST OF THIS FORM. Otherwise continue.**

A Corrective Measures Work Plan must be submitted along with this form to address these issues.

Daniel J. Buzek

Signature of Owner, Remedial Party or Designated Representative

August 23, 2024
Date

Description of Institutional ControlsParcelOwnerInstitutional Control

Off-site Controls: Pursuant to Consent Order Index #B8-315-90-01, implementation of the Operations and Maintenance Plan for Periodic Off-site Groundwater Monitoring dated June 28, 2011 and subsequently modified in December 2016.

Provide periodic groundwater monitoring reports to the Department.

Description of Engineering Controls**Box 4**

Not Applicable/No EC's

Periodic Review Report (PRR) Certification Statements

1. I certify by checking "YES" below that:

a) the Periodic Review report and all attachments were prepared under the direction of, and reviewed by, the party making the certification;

b) to the best of my knowledge and belief, the work and conclusions described in this certification are in accordance with the requirements of the site remedial program, and generally accepted

YES NO

✓

☐

2. If this site has an IC/EC Plan (or equivalent as required in the Decision Document), for each Institutional or Engineering control listed in Boxes 3 and/or 4, I certify by checking "YES" below that all of the following statements are true:

(a) the Institutional Control and/or Engineering Control(s) employed at this site is unchanged since the date that the Control was put in-place, or was last approved by the Department;

(b) nothing has occurred that would impair the ability of such Control, to protect public health and the environment;

(c) access to the site will continue to be provided to the Department, to evaluate the remedy, including access to evaluate the continued maintenance of this Control;

(d) nothing has occurred that would constitute a violation or failure to comply with the Operation and Maintenance Plan for this Control; and

(e) if a financial assurance mechanism is required by the oversight document for the site, the mechanism remains valid and sufficient for its intended purpose established in the document.

YES NO

✓

☐

IF THE ANSWER TO QUESTION 2 IS NO, sign and date below and
DO NOT COMPLETE THE REST OF THIS FORM. Otherwise continue.

A Corrective Measures Work Plan must be submitted along with this form to address these issues.



Signature of Owner, Remedial Party or Designated Representative

August 23, 2024

Date

IC CERTIFICATIONS
SITE NO. 835008

Box 6

SITE OWNER OR DESIGNATED REPRESENTATIVE SIGNATURE

I certify that all information and statements in Boxes 1,2, and 3 are true. I understand that a false statement made herein is punishable as a Class "A" misdemeanor, pursuant to Section 210.45 of the Penal Law.

I Daniel G. Fousek at 350 Orchard Avenue NE, North Canton, Ohio 44720,
print name print business address

am certifying as Remedial Party (Owner or Remedial Party)

for the Site named in the Site Details Section of this form.



Signature of Owner, Remedial Party, or Designated Representative
Rendering Certification

August 23, 2024

Date

IC/EC CERTIFICATIONS

Box 7

Signature

I certify that all information in Boxes 4 and 5 are true. I understand that a false statement made herein is punishable as a Class "A" misdemeanor, pursuant to Section 210.45 of the Penal Law.

I Edward M. Murphy, PE at AECOM, 50 Lakefront Boulevard, Suite 111, Buffalo, NY
print name print business address

I am certifying as a Professional Engineer for the Remedial Party DocuSigned by:

(Owner or Remedial Party)



DocuSigned by:

Edward M. Murphy
Signature of Professional Engineer, for the Owner or
Remedial Party, Rendering Certification
BAE01649EB46494...

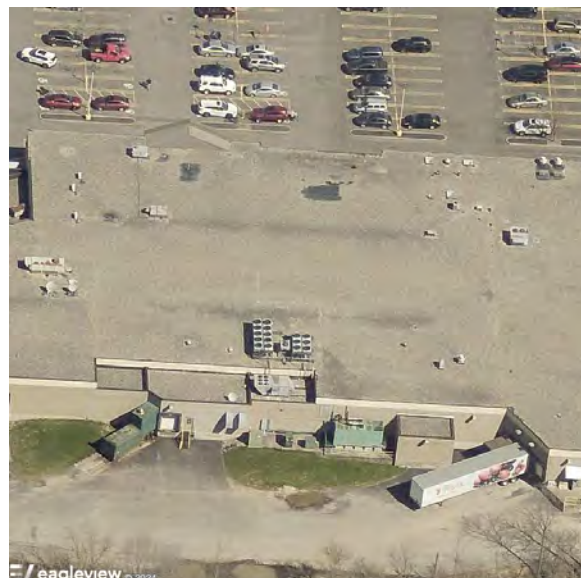
Stamp
(Required for PE)

7/10/2024

Date

ONCOR Ontario County Online Resources

Ontario County GIS Program
70 Ontario Street
Canandaigua, NY 14424



NOTE: Inventory and assessment data originates with the respective local assessor

PROPERTY SUMMARY REPORT

Tax Map ID:	29.00-1-41.100
Physical Address:	6179 St Rt 96
Community:	Town of Farmington
Easting: 611714	Northing: 1084272
Acres: 14.20	Neighborhood: 28580
Roll Section: 1 2024	Utilities: Gas & elec
Property Class: 454	Supermarket
School District:	Victor Central
Frontage: .00	Depth: .00
Heat:	Obstructions:
Fuel:	% NYS DEC Wetland: 0
Water: Comm/public	% NWI Wetland: 0
Sewer: Comm/public	% Steep Slope: 4
	% Flood Zone (A, AE): 9

BUILDING DETAILS (primary building only)

Year Built:	1982	Square Feet:	51151
Condition:	Good		
Style:	1 sty store load sup		
Stories:	1	Central Air:	
Siding:			
Basement:			
Full Baths:		Half Baths:	
Bedrooms:		Fireplaces:	

Please see Parcel Detail Report for complete information

Assessed Values

Full Market Value:	\$7665100
Total Assessment:	\$7205200
Land Assessment:	\$979800

Owner Information

FARMINGTON CENTER LLC
550 LATONA RD
SUITE 501
ROCHESTER NY 14626 -

Recent Residential Sales

Valid Sales Only within the past three years

Date: **Price:** **Sale Type:**



Click here to look up your polling station

Notes:

Deed Book: 1341 **Page:** 31 **Date Filed:** 6/24/2015

Comments:



THIS MAP AND INFORMATION IS PROVIDED "AS IS" AND ONTARIO COUNTY MAKES NO WARRANTIES OR GUARANTEES, EXPRESSED OR IMPLIED, INCLUDING WARRANTIES OF TITLE, NON-INFRINGEMENT, MERCHANTABILITY AND THAT OF FITNESS FOR A PARTICULAR PURPOSE CONCERNING THIS MAP AND THE INFORMATION CONTAINED HEREIN. USER ASSUMES ALL RISKS AND RESPONSIBILITY FOR DETERMINING WHETHER THIS INFORMATION IS SUFFICIENT FOR PURPOSES INTENDED.

Tuesday, July 9, 2024

Previous Owners

OWNER NAME(S): WADE, JANE A

DEED DATE: 11/2/2009

DEED BOOK: 1235

DEED PAGE: 44

CLERK NUMBER: 200911020159

COMMENTS:

OWNER NAME(S): WADE, JOHN W

DEED DATE: 7/1/1997

DEED BOOK: 981

DEED PAGE: 766

CLERK NUMBER:

COMMENTS:

OWNER NAME(S): KEYES, GARY L

DEED DATE: 12/01/1994

DEED BOOK: 948

DEED PAGE: 441

CLERK NUMBER:

COMMENTS:

OWNER NAME(S): WADE, JOHN W

DEED DATE: 9/1/1992

DEED BOOK: 921

DEED PAGE: 270

CLERK NUMBER:

COMMENTS:

OWNER NAME(S): ONTARIO CO INDUSTRIAL DEVELOPMENT AGENCY

DEED DATE: 07/01/1982

DEED BOOK: 813

DEED PAGE: 20

CLERK NUMBER:

COMMENTS:

OWNER NAME(S): 96 MERTENSIA RD INC

DEED DATE: 05/01/1982

DEED BOOK: 812

DEED PAGE: 883

CLERK NUMBER:

COMMENTS:

OWNER NAME(S): WADE'S MARKET

DEED DATE: 07/01/1979

DEED BOOK: 790

DEED PAGE: 886

CLERK NUMBER:

COMMENTS:

OWNER NAME(S): ALAIMO, JAMES V ETAL

DEED DATE: 10/01/1973

DEED BOOK: 731

DEED PAGE: 1120

CLERK NUMBER:

COMMENTS:



Tax Information

SPECIAL DISTRICT TAX RATES

Special District	Code	SD Tax Rate	UN Tax Rate	FE Tax Rate
Drainage District #1	DD281	0.178967	0	0
Farm Fire Protection	FD281	0.491323	0	0
Cdga-Farm Water	WD281	0.835629	0	0

EXEMPTIONS

Exemptions Description	County	Town	Village	School
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ESTIMATED TAXES WORKSHEET

The workspace below can be used to estimate the TRUE taxes for this property. Users are strongly urged to contact the Ontario County Treasure's Office (585-396-4432) to verify exact total taxes. If the property is in one of the cities, please contact either the City of Canandaigua (585-396-5015) or the City of Geneva (315-789-2114) depending on the location.

TAX TYPE	TAX RATE		TOTAL ASSESSED VALUE		TOTAL TAXES	TAX YEAR
SCHOOL:	14.29625	X	\$7205200.00	/1000 =	\$103007.34	2023-2024
COUNTY:	5.980461	X	\$7205200.00	/1000 =	\$43090.42	2023-2024
TOWN OR CITY:	0.700171	X	\$7205200.00	/1000 =	\$5044.87	2023-2024
VILLAGE:	0	X	\$7205200.00	/1000 =	\$0.00	2023-2024

Municipal and School Taxes Subtotal: \$151142.63

+ Special District Taxes Subtotal:

TOTAL ESTIMATED TAXES:

SURVEYS

Survey ID	Survey Link (copy and paste in browser)
23664 11/15/2013	https://oncorng.co.ontario.ny.us/surveys/23664.tiff

TAX BILLS

Copy and paste link in a browser

School: https://oncorng.co.ontario.ny.us/TaxbillSchool/29.00-1-41.100_School.pdf

County/Town: https://oncorng.co.ontario.ny.us/TaxbillCountyTown/29.00-1-41.100_CountyTown.pdf

City:

Village:



ADDITIONAL INVENTORY

IMPROVEMENTS

Structure Description:	Year:	SqFt:	Dim1:	Dim2:	Condition:	Grade:
Pavng-asphlt	1983	136000	0	0	Normal	Average

LAND DESCRIPTION

Land Type:	Waterfront:	Soil Rating:	Acres:	Depth:	Frontage:
Primary			8	0	0
Residual			6	0	0



INDIVIDUAL BUILDING DETAILS

RESIDENTIAL BUILDINGS

Building details are followed by area dimensions provided in square feet

Building Style:

Actual Year Built:

Effective Year Built:

Year Remodeled:

Number of Bedrooms:

Number of Full Baths:

Number of Half Baths:

Number of Kitchens:

Number of Fireplaces:

Overall Condition:

Construction Grade:

Number of Stories:

Heating Type:

Fuel Type:

Exterior Wall Material:

Exterior Condition:

Basement Type:

Central Air (1 = Yes)

Total Living Area:

First Story:

Second Story:

Additional Story:

Half Story:

Unfinished:

3/4 Story:

Unfinished:

Finished Basement Area:

Finished Attic Area:

Finished Rec Room Area:

Finished Over Garage:



COMMERCIAL BUILDINGS

Building Number:	1	Overall Condition:	Good
Building Section:	1	Quality:	Average
Year Built:	1982	Number of Stories:	1
Number of Indent Buildings:	1	Story Height:	12
Percent Air-conditioned:	100	Basement Type:	
Percent Alarmed:	100	Number of Elevators:	0
Percent Sprinkler:	100	Boekh Model Number:	
Gross Floor Area:	51151	Boekh Model Code:	312
Perimeter:	1183	Wall A:	0
Basement Square Footage:	0	Wall B:	100
Basement Perimeter:	0	Wall C:	0



PROPERTY ANALYSIS

Type:	Description:	Acres:	% Coverage:
Ecological Community	Community Description TBD	13.40	100.000%
NRCS Soils	Galoo loam, 3 to 8 percent slopes, rocky	0.02	0.1%
NRCS Soils	Ovid silt loam, 0 to 3 percent slopes	13.39	99.9%
Utilities - Electric	ROCHESTER GAS & ELECTRIC	13.40	100.0%
Utilities - Gas	ROCHESTER GAS & ELECTRIC	13.40	100.0%
Utilities - Telephone	Frontier Telephone of Rochester	13.40	100.0%
Utilities - Telephone	Finger Lakes Technology Group	13.40	100.0%
Watershed	S. Bk-W/S Divide to Hathaway Brook	13.40	100.0%



LOCAL ZONING

Note: OnCOR users are strongly urged to contact the municipal planning/zoning office to confirm accuracy of the zoning information listed below.

Type:	Description:	% Coverage:
Town of Farmington MTOD Overlay	Major Thoroughfare Overlay	99.3%
Town of Farmington Zoning	GB - General Business	99.6%
Town of Farmington Zoning	RMF - Residential Multiple-Family	0.4%

