verizon

GTE Operations Support Incorporated
One Verizon Way (VC 33E039)
Basking Ridge, NJ 07920-1097
908-559-3691

June 8, 2020

Ms. Danielle Miles
Assistant Engineer, Division of Environmental Remediation
New York State Department of Environmental Conservation
6274 East Avon-Lima Road
Avon, NY 14414

Re: *March 2020 Semi-Annual Groundwater Sampling Event*

Dear Ms. Miles:

Results are attached for semi-annual groundwater sampling conducted in March 2020 at the Former Philips Display Components Facility in Seneca Falls, New York. Chlorinated volatile organic compounds, primarily trichloroethene and cis-1,2-dichloroethene, were reported in select groundwater samples at concentrations greater than New York State Department of Environmental Conservation (NYSDEC) Class GA Standards.

The next semi-annual groundwater sampling event is tentatively scheduled for September 2020.

Please contact me if you have any questions.

Sincerely,

Matthew T. Walsh
Manager – Environment, Health and Safety

Attachments
A – March 2020 Groundwater Sampling Event Summary
B – Figures
C – Tables
D – Groundwater VOC Concentration Graphs
E – Data Validation Report

ec:
Mr. Eamonn O'Neil (NYSDOH)
Mr. Nidal Azzam (USEPA)
Mr. Stephen Bregande (Seneca Falls Specialties & Logistics Company, Inc.)
Mr. J. Christopher Woods (Seneca Falls Specialties & Logistics Company, Inc.)
Mr. Anthony Halling (Philips North America LLC)
Mr. Mark Flusche (Arcadis U.S., Inc.)

ATTACHMENT A

March 2020 Groundwater Sampling Event Summary

March 2020 Semi-Annual Groundwater Sampling

On March 18, 2020, Arcadis of New York, Inc. measured depths to groundwater in 17 monitoring wells and retrieved passive diffusion bags (PDBs) from 8 monitoring wells where PDBs were deployed on September 25, 2019 (Attachment B Figure 1). Nine groundwater samples, including one duplicate sample, were collected for analysis of volatile organic compounds (VOC) from PDBs retrieved from six shallow monitoring wells (MW-22 through 26 and MW-29), one weathered bedrock monitoring well (MW-BR-06), and one bedrock monitoring well (MW-BR-05).

The samples were shipped overnight with a trip blank to Eurofins TestAmerica Laboratories, Inc., of Buffalo, New York. The samples were analyzed for VOCs using United States Environmental Protection Agency Method 8260C. A table summarizing the analytical results is in Attachment C and graphs of groundwater VOC analytical results are in Attachment D. Data Validation Services, Inc., of North Creek, New York, performed third-party data validation. Sample results are usable as reported (Attachment E).

Table 1 provides depth to water measurements and groundwater elevations (Attachment C). Groundwater potentiometric surface contours for March 2020 (Attachment B Figure 2) show groundwater flow through the overburden is toward the south and east. Two sinkholes were observed at the site during the First Quarter of 2020: one approximately 100 feet east of the electric substation, and one downhill from the electric substation, about 30 feet west of monitoring well MW-BR-06. The sinkhole east of the electric substation was filled in by the New York State Canal Corporation. Additionally, the property owner investigated a suspected leaking water supply line near Buildings 5 and 7 between January and April 2020. A section of the water line was excavated and a small leak was repaired on February 17, 2020. This water line repair was in the same location as an earlier repair made in October 2015. An additional section of the water line was excavated and assessed on April 8, 2020, and no other leaks were found.

Table 2 provides analytical results for the March 2020 groundwater and quality assurance and quality control samples (Attachment C). VOC concentrations in the March 2020 samples were compared to the New York State Department of Environmental Conservation (NYSDEC) Class GA Standards.

- Trichloroethene was reported at concentrations greater than the NYSDEC Class GA Standard of 5 micrograms per liter (μg/L) in samples from monitoring wells MW-22, MW-23, and MW-BR-06.
- *cis*-1,2-Dichloroethene was reported at concentrations greater than the NYSDEC Class GA Standard of 5 μg/L in samples from monitoring wells MW-23 through MW-25, MW-29, and MW-BR-06, and in the duplicate sample from monitoring well MW-25.
- 1,1-Dichloroethane was reported at a concentration greater than the NYSDEC Class GA Standard of 5 μg/L in the sample from monitoring well MW-25, but not in the duplicate sample from that well, which had a higher reporting limit.
- All concentrations were within the range of or less than previous results with the exception of TCE and cis-1,2-DCE at MW-BR-06 (46 and 72 μg/L, respectively).

On March 18, 2020, after groundwater samples were collected, new PDBs were deployed in the 14 monitoring wells scheduled for groundwater sampling in September 2020. The PDBs were installed in the middle of the well screen, consistent with previous sampling procedures.

ATTACHMENT B

FIgures

CITY: CITY DIV/GROUP:ENVCAD DB:ENVCAD
C:\Users\gsteinberger\BIM 360\Arcadis\ANA - GTE OPERATIONS SUPPORT INC\Project Files\GTE-Former Phillips Seneca Falls\2020\30002755\01-DWG\GEN-FIG01-SITEPLAN.dwg LAYOUT: 1 SAVED: 4/2/2020 4:40 PM PAGESETUP: --- PLOTSTYLETABLE: PLTFULL.CTB PLOTTED: 4/2/2020 4:40 PM BY:
STEINBERGER, GEORGE

LEGEND

- MW-22 — SEMI-ANNUAL MONITORING WELL
- MW-BR-02 — ANNUAL MONITORING WELL
- MW-21 — MONITORING WELL IN WHICH WATER LEVELS ONLY ARE MEASURED
- 10A — BUILDING NUMBER
- PROPERTY BOUNDARY
- EDGE OF WATER
- EDGE OF TREE LINE
- RAILROAD
- CHAIN-LINK FENCE

0 200' 400'
GRAPHIC SCALE

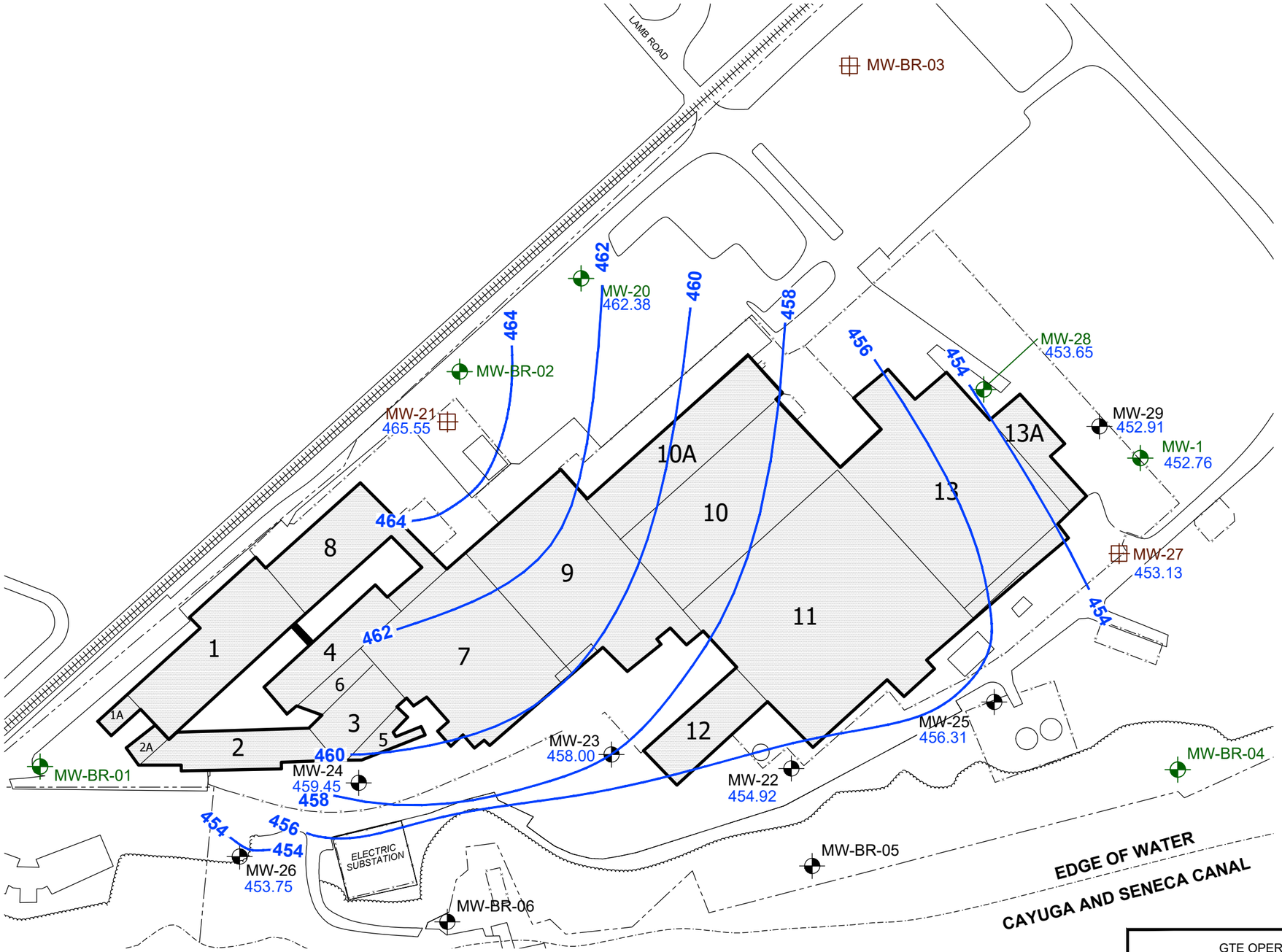
GTE OPERATIONS SUPPORT INC.,
FORMER PHILIPS DISPLAY COMPONENTS FACILITY
SENECA FALLS, NEW YORK

SITE PLAN

ARCADIS Design & Consultancy for natural and built assets

FIGURE 1

CITY: CITY DIV/GROUP:ENVCAD DB:ENVCAD
C:\Users\PPHallWBIM 360\Arcadis\ANA - GTE OPERATIONS SUPPORT INC\Project Files\GTE-Former Phillips Seneca Falls\2020\3000275\01-DWG\GWMON-FIG02-OVB MARCH 2020.dwg LAYOUT: 2 SAVED: 4/16/2020 11:00 AM PAGESETUP: --- PLOTSTYLETABLE: PLTFULL.CTB PLOTTED: 4/16/2020
11:01 AM BY: HALLWELL, TRISH



LEGEND

- MW-22 — SEMI-ANNUAL MONITORING WELL
- MW-BR-02 — ANNUAL MONITORING WELL
- MW-21 — MONITORING WELL IN WHICH WATER LEVELS ONLY ARE MEASURED
- 10A — BUILDING NUMBER
- PROPERTY BOUNDARY
- EDGE OF WATER
- EDGE OF TREE LINE
- RAILROAD
- CHAIN-LINK FENCE
- 454.92 — GROUNDWATER ELEVATION
- 456 — GROUNDWATER CONTOUR

0 200' 400'
GRAPHIC SCALE

GTE OPERATIONS SUPPORT INC.,
FORMER PHILIPS DISPLAY COMPONENTS FACILITY
SENECA FALLS, NEW YORK

OVERBURDEN GROUNDWATER POTENTIOMETRIC SURFACE MAP MARCH 18, 2020

ARCADIS Design & Consultancy for natural and built assets

FIGURE 2

ATTACHMENT C

Tables

Table 1
Depth to Water Measurements
Former Philips Display Components Facility
Seneca Falls, New York

Well Number	Datum Elevation	Depth to Water (feet)	Water Level Elevation (feet AMSL)
MW-1	460.83	8.07	452.76
MW-20	463.42	1.04	462.38
MW-21	467.39	1.84	465.55
MW-22	460.77	5.85	454.92
MW-23	460.59	2.59	458.00
MW-24	462.76	3.31	459.45
MW-25	460.74	4.43	456.31
MW-26	458.80	5.05	453.75
MW-27	460.45	7.32	453.13
MW-28	461.26	7.61	453.65
MW-29	459.89	6.98	452.91
MW-BR-01	462.64	33.96	428.68
MW-BR-02	467.87	29.04	438.83
MW-BR-03	457.06	9.52	447.54
MW-BR-04	396.39	--	Artesian
MW-BR-05	401.34	21.20	380.14
MW-BR-06	436.30	29.00	407.30

Notes:
AMSL - Above mean sea level
-- - Not Measured
Depth to water measurements were recorded March 18, 2020.

Table 2
Groundwater Analytical Results (March 2020)
Former Philips Display Components Facility
Seneca Falls, New York

VOCs	CAS #	NYS Class GA Standard	MW-22	MW-23	MW-24	MW-25	MW-25 Dup	MW-26	MW-29	MW-BR-05	MW-BR-06	TRIP BLANK
1,1,1-Trichloroethane	71-55-6	5	5 U	10 U	200 U	5 U	25 U	5 U	5 U	5 U	5 U	5 U
1,1,2,2-Tetrachloroethane	79-34-5	5	5 U	10 U	200 U	5 U	25 U	5 U	5 U	5 U	5 U	5 U
1,1,2-Trichloroethane	79-00-5	1	5 U	10 U	200 U	5 U	25 U	5 U	5 U	5 U	5 U	5 U
1,1-Dichloroethane	75-34-3	5	5 U	10 U	200 U	**8.9**	25 U	5 U	5 U	5 U	5 U	5 U
1,1-Dichloroethene	75-35-4	5	5 U	10 U	200 U	5 U	25 U	5 U	5 U	5 U	5 U	5 U
1,2-Dichloroethane	107-06-2	0.6	5 U	10 UJ	200 UJ	5 UJ	25 UJ	5 U	5 UJ	5 U	5 U	5 U
1,2-Dichloropropane	78-87-5	1	5 U	10 U	200 U	5 U	25 U	5 U	5 U	5 U	5 U	5 U
2-Hexanone	591-78-6	50	10 U	20 U	400 U	10 U	50 U	10 U	10 U	10 U	10 U	10 U
Acetone	67-64-1	50	10 U	20 U	400 U	10 U	50 U	10 U	10 U	10 U	10 U	10 U
Benzene	71-43-2	1	5 U	10 U	200 U	5 U	25 U	5 U	5 U	5 U	5 U	5 U
Bromodichloromethane	75-27-4	50	5 U	10 U	200 U	5 U	25 U	5 U	5 U	5 U	5 U	5 U
Bromoform	75-25-2	50	5 U	10 U	200 U	5 U	25 U	5 U	5 U	5 U	5 U	5 U
Bromomethane	74-83-9	5	5 U	10 U	200 U	5 U	25 U	5 U	5 U	5 U	5 U	5 U
Carbon Disulfide	75-15-0	60	5 U	10 U	200 U	5 U	25 U	5 U	5 U	5 U	5 U	5 U
Carbon Tetrachloride	56-23-5	5	5 U	10 U	200 U	5 U	25 U	5 U	5 U	5 U	5 U	5 U
Chlorobenzene	108-90-7	5	5 U	10 U	200 U	5 U	25 U	5 U	5 U	5 U	5 U	5 U
Chloroethane	75-00-3	5	5 U	10 U	200 U	5 U	25 U	5 U	5 U	5 U	5 U	5 U
Chloroform	67-66-3	7	5 U	10 U	200 U	5 U	25 U	5 U	5 U	5 U	5 U	5 U
Chloromethane	74-87-3	5	5 U	10 U	200 U	5 U	25 U	5 U	5 U	5 U	5 U	5 U
cis-1,2-Dichloroethene	156-59-2	5	5 U	**130**	**16000**	**120**	**110**	5 U	**97**	5 U	**72**	5 U
cis-1,3-Dichloropropene	10061-01-5	0.4	5 U	10 U	200 U	5 U	25 U	5 U	5 U	5 U	5 U	5 U
Dibromochloromethane	124-48-1	50	5 U	10 U	200 U	5 U	25 U	5 U	5 U	5 U	5 U	5 U
Dichlorodifluoromethane	75-71-8	5	5 U	10 U	200 U	5 U	25 U	5 U	5 U	5 U	5 U	5 U
Ethylbenzene	100-41-4	5	5 U	10 U	200 U	5 U	25 U	5 U	5 U	5 U	5 U	5 U
2-Butanone (MEK)	78-93-3	50	10 U*	20 U	400 U	10 U	50 U	10 U*	10 U	10 U*	10 U*	10 U*
4-Methyl-2-Pentanone (MIBK)	108-10-1	5	10 U	20 U	400 U	10 U	50 U	10 U	10 U	10 U	10 U	10 U
Methylene Chloride	75-09-2	5	5 U	10 U	200 U	5 U	25 U	5 U	5 U	5 U	5 U	5 U
Styrene	100-42-5	5	5 U	10 U	200 U	5 U	25 U	5 U	5 U	5 U	5 U	5 U
Tetrachloroethene	127-18-4	5	5 U	10 U	200 U	5 U	25 U	5 U	5 U	5 U	5 U	5 U
Toluene	108-88-3	5	5 U	10 U	200 U	5 U	25 U	5 U	5 U	5 U	5 U	5 U
trans-1,2-Dichloroethene	156-60-5	5	5 U	10 U	200 U	5 U	25 U	5 U	5 U	5 U	5 U	5 U
trans-1,3-Dichloropropene	10061-02-6	0.4	5 U	10 U	200 U	5 U	25 U	5 U	5 U	5 U	5 U	5 U
Trichloroethene	79-01-6	5	**6.8**	**770**	200 U	5 U	25 U	5 U	5 U	5 U	**46**	5 U
Trichlorofluoromethane	75-69-4	5	5 U	10 U	200 U	5 U	25 U	5 U	5 U	5 U	5 U	5 U
Vinyl chloride	75-01-4	2	5 U	10 U	200 U	5 U	25 U	5 U	5 U	5 U	5 U	5 U
Total Xylenes	1330-20-7	5	5 U	10 U	200 U	5 U	25 U	5 U	5 U	5 U	5 U	5 U

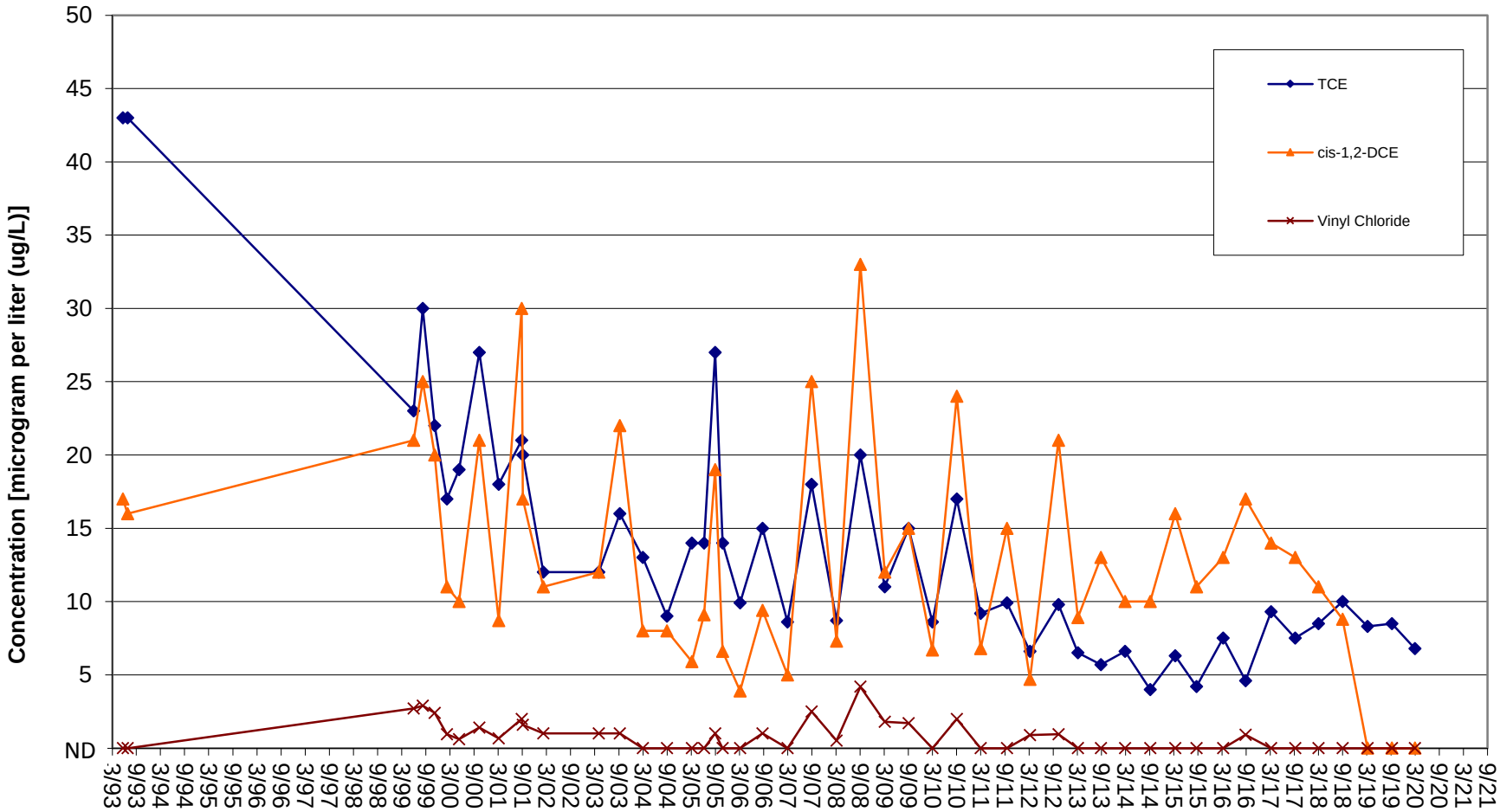
NOTES:
Bolded results were greater than the NYSDEC Class GA Standards
All values are shown in units of micrograms per liter (ug/L).

U = Not detected. Reporting limit shown.
UJ = The analyte was analyzed for, but was not detected. or imprecise.
The associatedreported quantitation limit is approximate and may be inaccurate.
* = LCS or LCSD is outside acceptance limits.

ATTACHMENT D

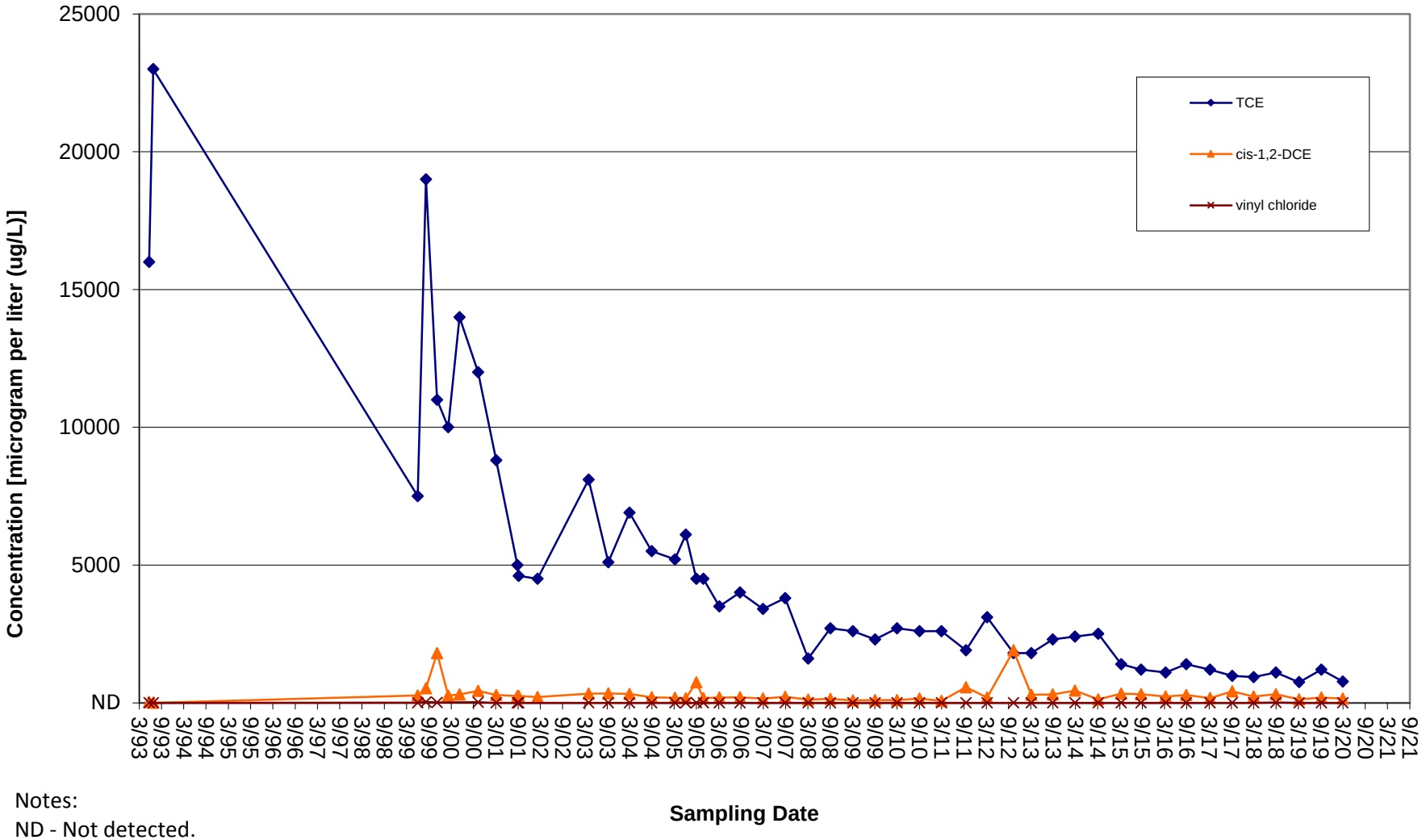
Groundwater VOC Concentration Graphs

MW-22

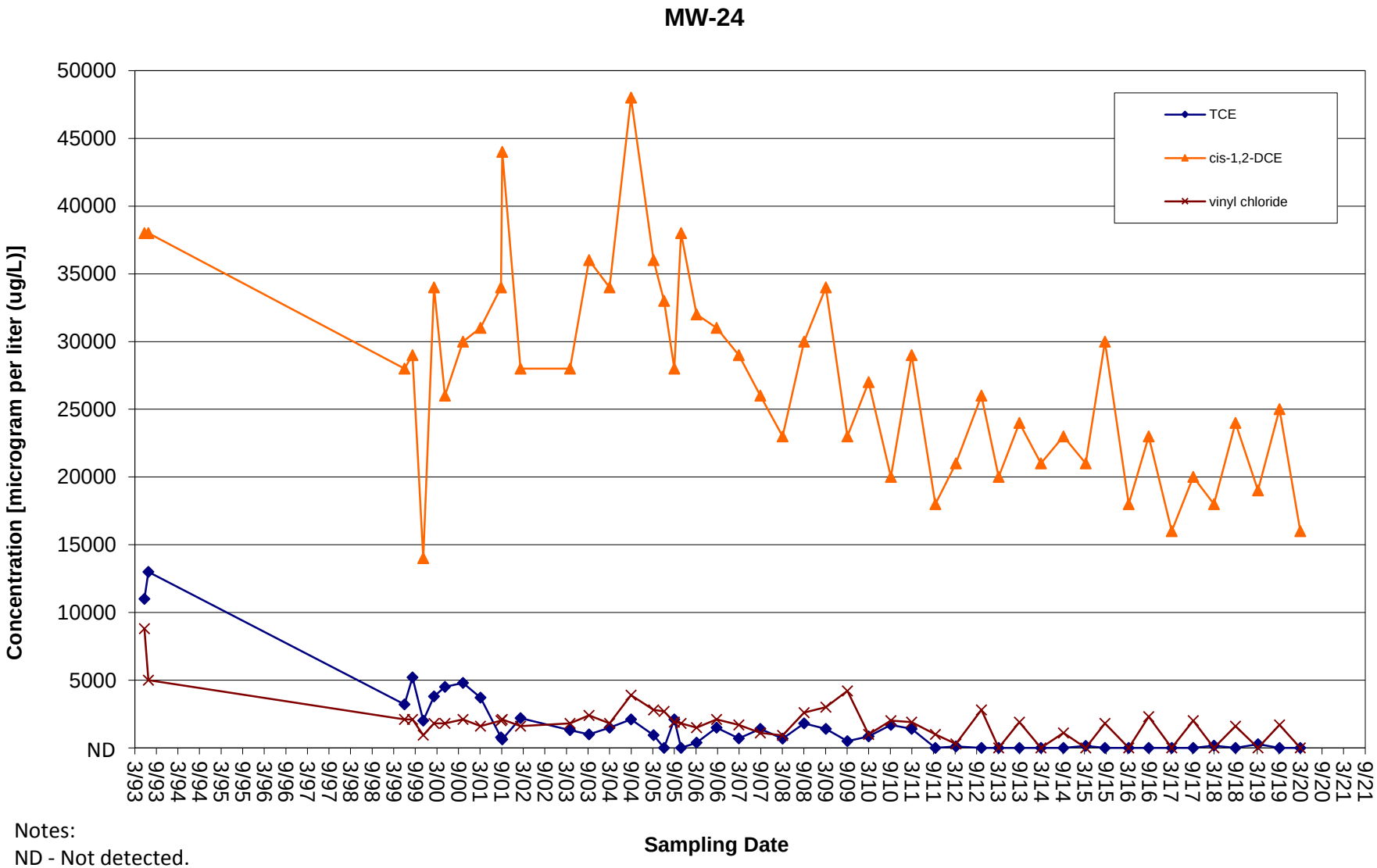


Notes:
ND - Not detected.
Reporting limit is 5 ug/L.
Results less than the reporting limit are estimated.

MW-23

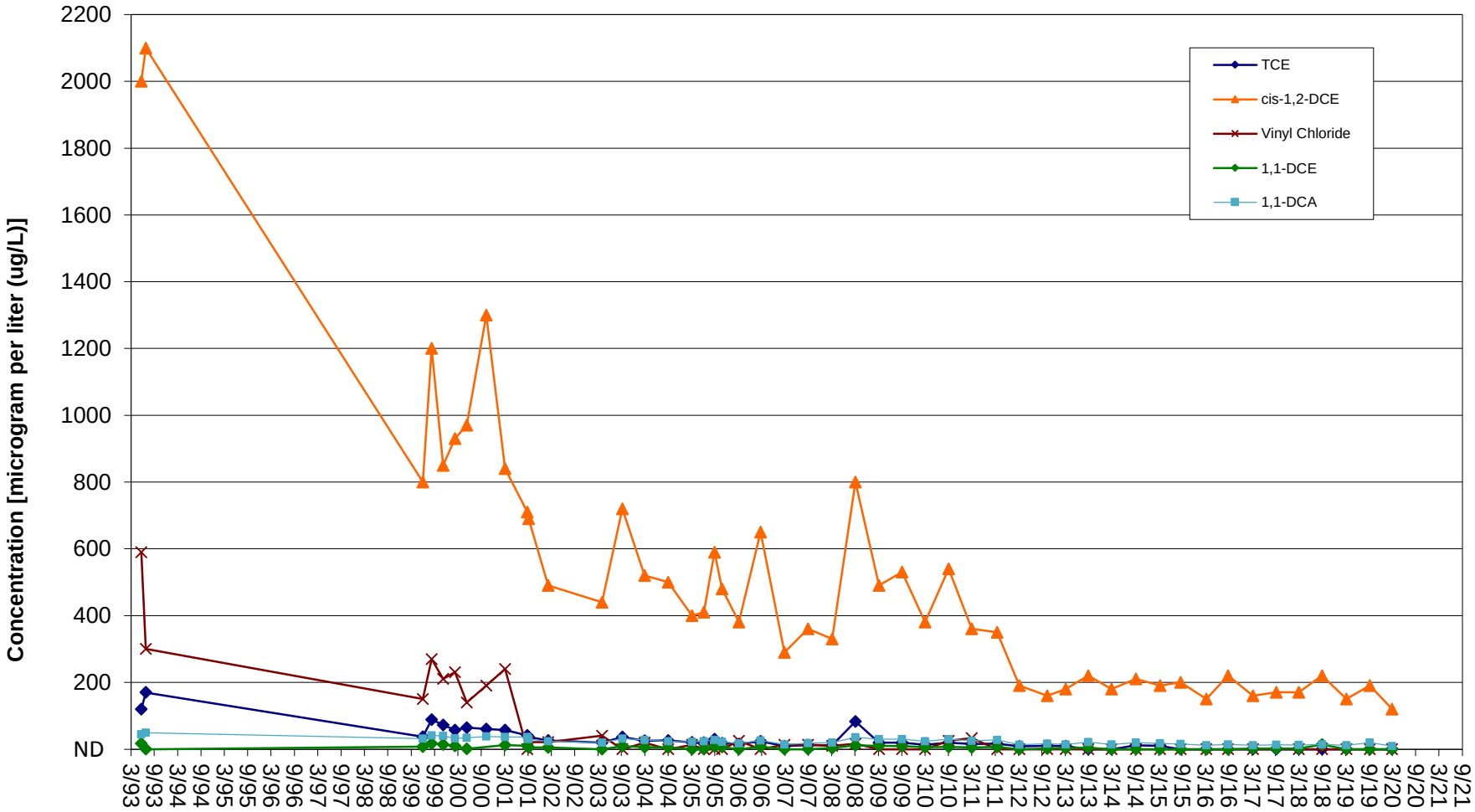


Notes:
ND - Not detected.
Reporting limit is 5 ug/L.
Results less than the reporting limit are estimated.



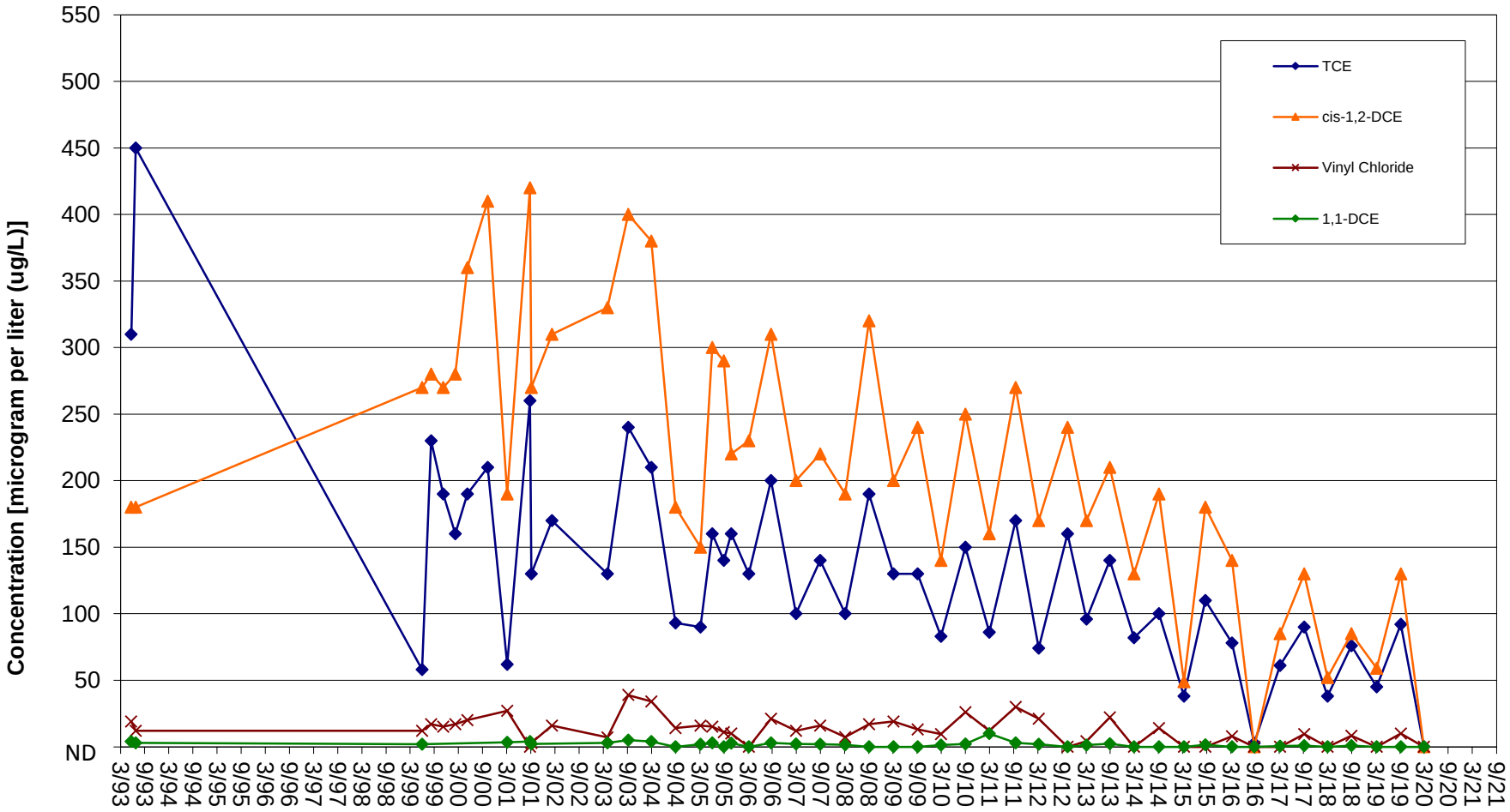
Notes:
ND - Not detected.
Reporting limit is 5 ug/L.
Results less than the reporting limit are estimated.

MW-25



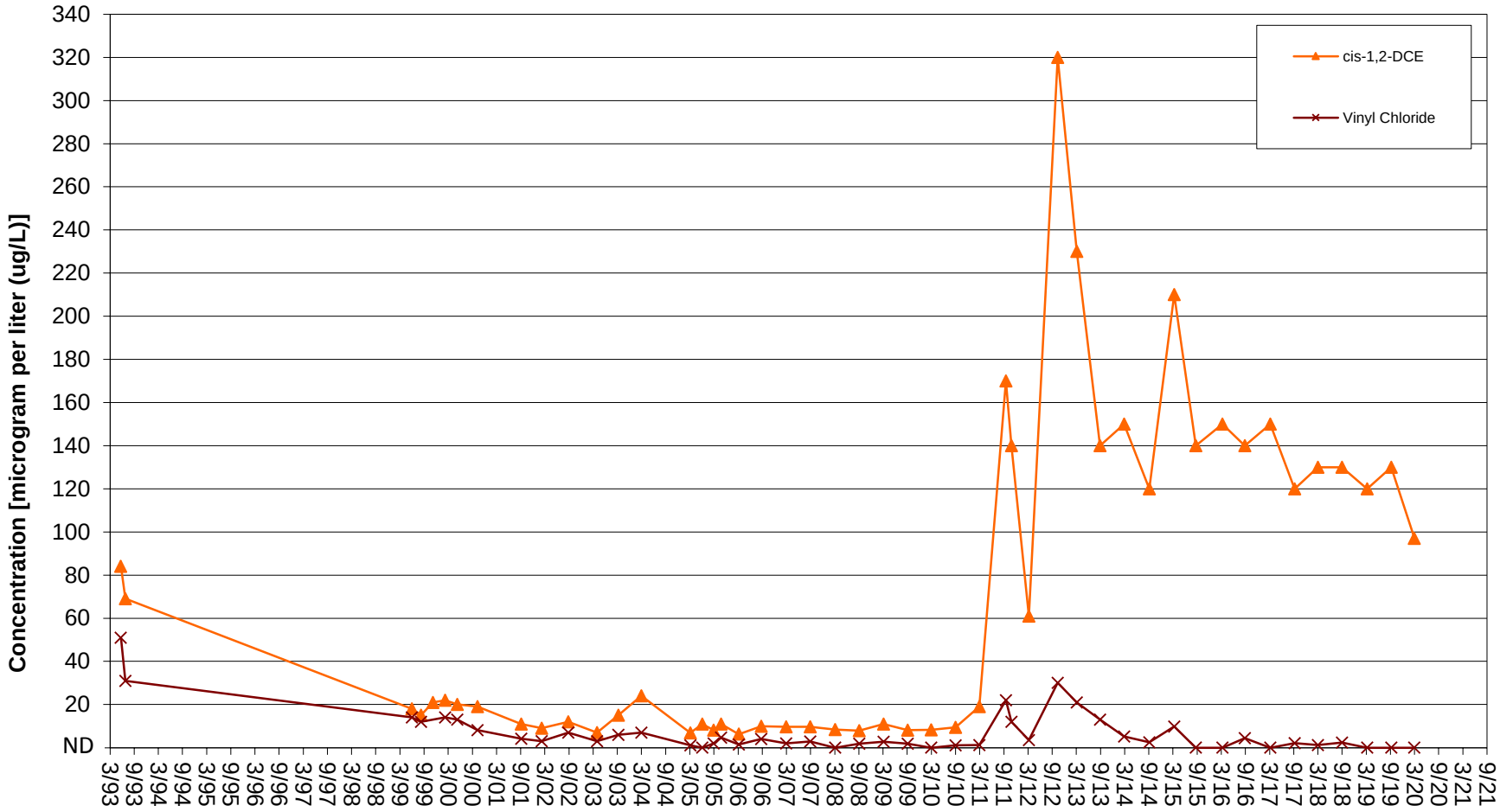
Notes:
ND - Not detected.
Reporting limit is 5 ug/L.
Results less than the reporting limit are estimated.

MW-26

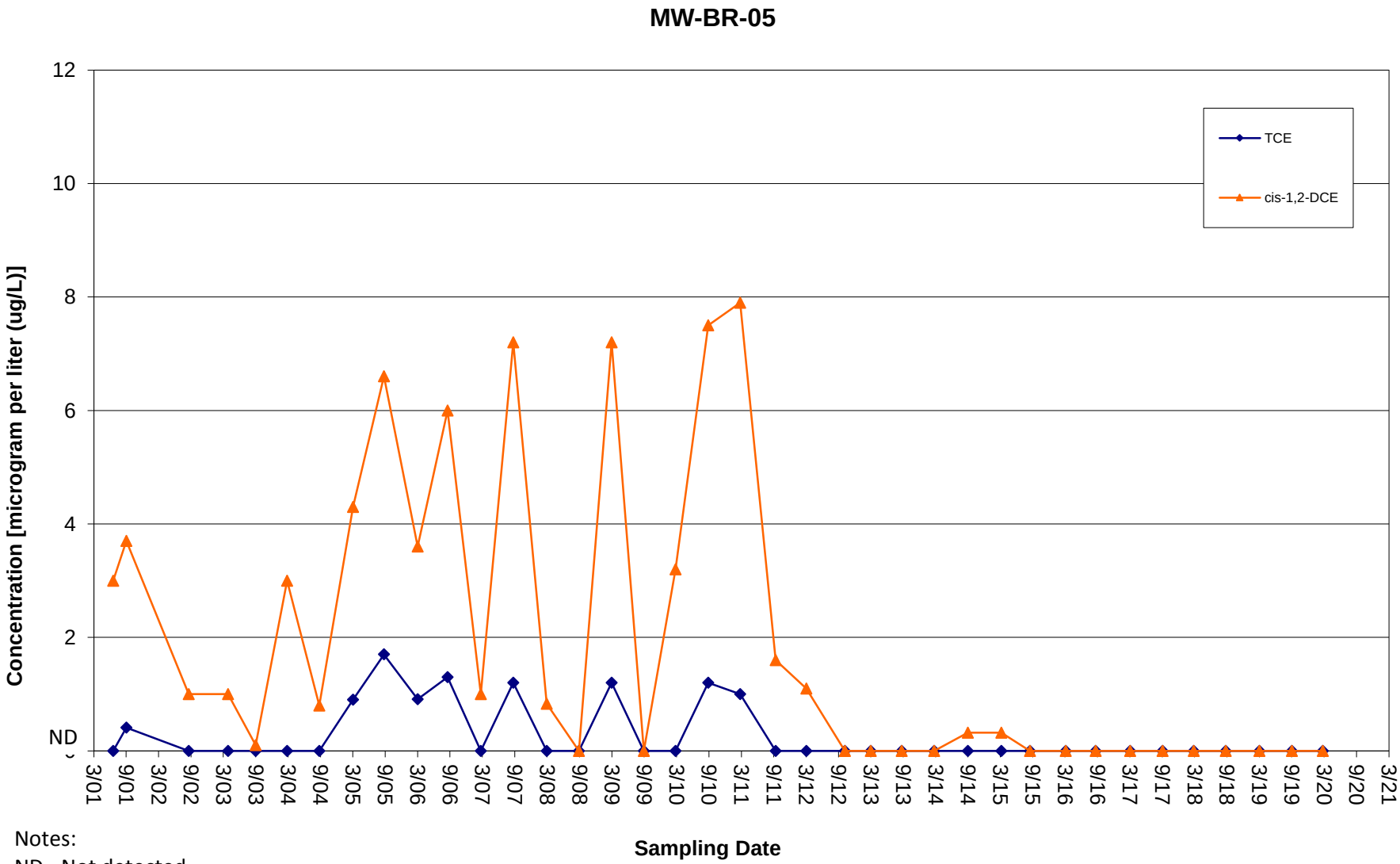


Notes:
ND - Not detected.
Reporting limit is 5 ug/L.
Results less than the reporting limit are estimated.

MW-29

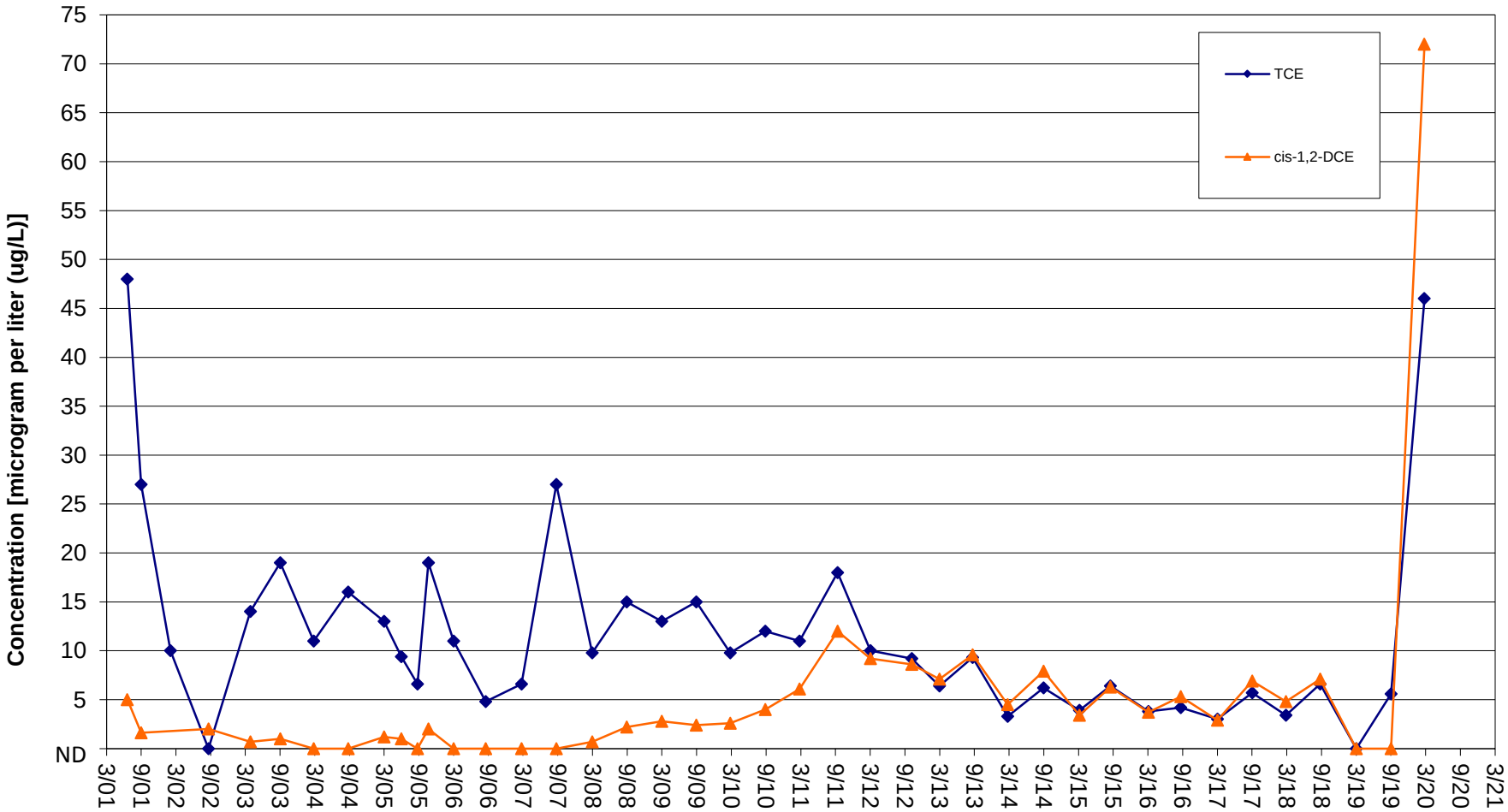


Notes:
ND - Not detected.
Reporting limit is 5 ug/L.
Results less than the reporting limit are estimated.



Notes:
ND - Not detected.
Reporting limit is 5 ug/L.
Results less than the reporting limit are estimated.

MW-BR-06



Notes:
ND - Not detected.
Reporting limit is 5 ug/L.
Results less than the reporting limit are estimated.

ATTACHMENT E

Data Validation Report

Data Validation Services

120 Cobble Creek Road P. O. Box 208
North Creek, NY 12853
Phone (518) 251-4429
harry@frontiernet.net

April 11, 2020

Mark Flusche
ARCADIS US, Inc.
855 Route 146 Suite 210
Clifton Park, NY 12065

RE: Validation of the Former Philips Display Components Facility--Seneca Falls Site Data Package-Groundwater
Eurofins TAL-Buffalo SDG No. 480-167621-1

Dear Mr. Flusche:

Review has been completed for the data package generated by Eurofins TestAmerica Laboratories that pertains to samples collected 03/18/20 at Seneca Falls, NY. Eight aqueous samples, a field duplicate, and a trip blank were analyzed for volatiles by USEPA SW846 method 8260C.

Data validation was performed with guidance from the USEPA Region II validation SOP HW-6, the USEPA CLP National Functional Guidelines for Organic Data Review, and the specific requirements of the analytical methodologies. The data packages were reviewed for the following items:

* Data Completeness
* Case Narrative
* Custody Documentation
* Holding Times
* Surrogate Standard Recoveries
* Matrix Spike Evaluations
* Blind Field Duplicate Correlations
* Blank Contamination
* Laboratory Control Samples (LCSs)
* Calibration Standard Responses
* Internal Standard Responses
* Method Compliance
* Sample Results Verification

Those items showing deficiencies are discussed in the following sections of this report. All others were found to be acceptable as outlined in the above-mentioned validation procedures, and as applicable for the methodology. Unless noted specifically in the following text, reported results of validated sample analytes are substantiated by the raw data, and generated in compliance with project requirements.

In summary, samples were processed in compliance with stated protocols. Sample results are usable either as reported or with minor qualification as estimated.

Copies of the sample identifications and laboratory case narrative are attached to this text, and should be reviewed in conjunction with this report. Also included are laboratory results forms edited in red to reflect the qualifiers recommended in this report.

VOA Analyses by EPA 8260C

Results for analytes initially reported with the "E" flag are derived from the dilution analyses of the samples, thus reflecting responses within the linear range of the instrument.

Matrix spikes (MSs) of MW-24 show recoveries and correlations for the eleven evaluated analytes that are within validation guidelines.

The blind field duplicate correlations of MW-25 are acceptable.

Surrogate and internal standard responses are within required range, and holding times were met. Blanks show no contamination. LCS recoveries show compliant recoveries.

Calibration standards show acceptable responses, with the following exception, the results for which are qualified as estimated in the indicated associated samples: 1,2-dichloroethane (21%D) in MW-23, MW-24, MW-29, MW-25, and DUP-031820.

Some of the samples were processed only at initial dilution due to high concentrations of target analytes. Reporting limits for undetected analytes in those samples are therefore proportionally elevated.

Please do not hesitate to contact me if questions or comments arise during your review of this report.

Very truly yours,

Judy Harry

Judy Harry

Att: Sample Identifications
Laboratory Case Narrative
Qualified Results Forms

VALIDATION DATA QUALIFIER DEFINITIONS

U	The analyte was analyzed for, but was not detected above the level of the associated reported quantitation limit.
J	The analyte was positively identified; the associated numerical value is an approximate concentration of the analyte in the sample.
J-	The analyte was positively identified; the associated numerical value is an estimated quantity that may be biased low.
J+	The analyte was positively identified; the associated numerical value is an estimated quantity that may be biased high.
UJ	The analyte was analyzed for, but was not detected. The associated reported quantitation limit is approximate and may be inaccurate or imprecise.
NJ	The detection is tentative in identification and estimated in value. Although there is presumptive evidence of the analyte, the result should be used with caution as a potential false positive and/or elevated quantitative value.
R	The data are unusable. The sample results are rejected due to serious deficiencies in meeting Quality Control limits. The analyte may or may not be present.
EMPC	The results do not meet all criteria for a confirmed identification. The quantitative value represents the Estimated Maximum Possible Concentration of the analyte in the sample.

Sample Summaries

Sample Summary

Client: ARCADIS U.S. Inc
Job ID: 480-167621-1
Project/Site: GTEOSI - Seneca Falls

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Asset ID
480-167621-1	MW-23	Water	03/18/20 08:45	03/19/20 10:00	
480-167621-2	MW-24	Water	03/18/20 09:05	03/19/20 10:00	
480-167621-3	MW-BR-06	Water	03/18/20 09:35	03/19/20 10:00	
480-167621-4	MW-26	Water	03/18/20 10:00	03/19/20 10:00	
480-167621-5	MW-29	Water	03/18/20 11:25	03/19/20 10:00	
480-167621-6	MW-25	Water	03/18/20 11:55	03/19/20 10:00	
480-167621-7	MW-22	Water	03/18/20 12:10	03/19/20 10:00	
480-167621-8	MW-BR-05	Water	03/18/20 13:50	03/19/20 10:00	
480-167621-9	DUP-031820	Water	03/18/20 00:00	03/19/20 10:00	
480-167621-10	TRIP BLANK	Water	03/18/20 00:00	03/19/20 10:00	

Laboratory Case Narrative

Job Narrative
480-167621-1

Comments
No additional comments.

Receipt
The samples were received on 3/19/2020 10:00 AM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 3.8º C.

GC/MS VOA
Method 8260C: The following samples were diluted to bring the concentration of target analytes within the calibration range: MW-23 (480-167621-1), MW-24 (480-167621-2), MW-24 (480-167621-2[MS]), MW-24 (480-167621-2[MSD]), MW-BR-06 (480-167621-3), MW-29 (480-167621-5) and MW-25 (480-167621-6). Elevated reporting limits (RLs) are provided.

Method 8260C: The laboratory control sample (LCS) and the laboratory control sample duplicate (LCSD) for batch 480-522305 exceeded control limits for the following analyte: 2-Butanone. Unlike the calibration standards, this is due to the coelution with Ethyl Acetate in the spiking solution. This does not indicate a performance issue with the spike recovery, but rather the laboratory's ability to measure the two analytes together in a combined spiking solution. Through the use of spectral analysis, the two compounds can be distinguished from one another if present in a client sample. The following samples were affected : MW-23 (480-167621-1), MW-24 (480-167621-2), MW-BR-06 (480-167621-3), MW-26 (480-167621-4), MW-29 (480-167621-5), MW-25 (480-167621-6), MW-22 (480-167621-7), MW-BR-05 (480-167621-8) and TRIP BLANK (480-167621-10).

Method 8260C: The following samples were diluted to bring the concentration of target analytes within the calibration range: MW-23 (480-167621-1), MW-24 (480-167621-2), MW-24 (480-167621-2[MS]), MW-24 (480-167621-2[MSD]) and DUP-031820 (480-167621-9). Elevated reporting limits (RLs) are provided.

Method 8260C: The continuing calibration verification (CCV) associated with batch 480-522342 recovered outside acceptance criteria, low biased, for 1,2-Dichloroethane. A reporting limit (RL) standard was analyzed, and the target analyte was detected. Since the associated samples were non-detect for this analyte, the data have been reported. The following samples are impacted: MW-23 (480-167621-1), MW-24 (480-167621-2), MW-29 (480-167621-5), MW-25 (480-167621-6) and DUP-031820 (480-167621-9).

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

Qualified Sample Results

Client Sample ID: MW-23
Date Collected: 03/18/20 08:45
Date Received: 03/19/20 10:00

Lab Sample ID: 480-167621-1
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		10		ug/L			03/20/20 17:27	2
1,1,2,2-Tetrachloroethane	ND		10		ug/L			03/20/20 17:27	2
1,1,2-Trichloroethane	ND		10		ug/L			03/20/20 17:27	2
1,1-Dichloroethane	ND		10		ug/L			03/20/20 17:27	2
1,1-Dichloroethene	ND		10		ug/L			03/20/20 17:27	2
1,2-Dichloroethane	ND	UJ	10		ug/L			03/20/20 17:27	2
1,2-Dichloropropane	ND		10		ug/L			03/20/20 17:27	2
2-Hexanone	ND		20		ug/L			03/20/20 17:27	2
Acetone	ND		20		ug/L			03/20/20 17:27	2
Benzene	ND		10		ug/L			03/20/20 17:27	2
Bromodichloromethane	ND		10		ug/L			03/20/20 17:27	2
Bromoform	ND		10		ug/L			03/20/20 17:27	2
Bromomethane	ND		10		ug/L			03/20/20 17:27	2
Carbon disulfide	ND		10		ug/L			03/20/20 17:27	2
Carbon tetrachloride	ND		10		ug/L			03/20/20 17:27	2
Chlorobenzene	ND		10		ug/L			03/20/20 17:27	2
Chloroethane	ND		10		ug/L			03/20/20 17:27	2
Chloroform	ND		10		ug/L			03/20/20 17:27	2
Chloromethane	ND		10		ug/L			03/20/20 17:27	2
cis-1,2-Dichloroethene	**130**		10		ug/L			03/20/20 17:27	2
cis-1,3-Dichloropropene	ND		10		ug/L			03/20/20 17:27	2
Dibromochloromethane	ND		10		ug/L			03/20/20 17:27	2
Dichlorodifluoromethane	ND		10		ug/L			03/20/20 17:27	2
Ethylbenzene	ND		10		ug/L			03/20/20 17:27	2
Methyl ethyl ketone (MEK)	ND		20		ug/L			03/20/20 17:27	2
Methyl isobutyl ketone (MIBK)	ND		20		ug/L			03/20/20 17:27	2
Methylene Chloride	ND		10		ug/L			03/20/20 17:27	2
Styrene	ND		10		ug/L			03/20/20 17:27	2
Tetrachloroethene	ND		10		ug/L			03/20/20 17:27	2
Toluene	ND		10		ug/L			03/20/20 17:27	2
trans-1,2-Dichloroethene	ND		10		ug/L			03/20/20 17:27	2
trans-1,3-Dichloropropene	ND		10		ug/L			03/20/20 17:27	2
Trichloroethene	770 ~~660~~	~~E~~	10		ug/L			03/20/20 17:27	2
Trichlorofluoromethane	ND		10		ug/L			03/20/20 17:27	2
Vinyl acetate	ND		10		ug/L			03/20/20 17:27	2
Vinyl chloride	ND		10		ug/L			03/20/20 17:27	2
Xylenes, Total	ND		10		ug/L			03/20/20 17:27	2

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*93*		*77 - 120*		*03/20/20 17:27*	*2*
4-Bromofluorobenzene (Surr)	*99*		*73 - 120*		*03/20/20 17:27*	*2*
Toluene-d8 (Surr)	*104*		*80 - 120*		*03/20/20 17:27*	*2*
Dibromofluoromethane (Surr)	*97*		*75 - 123*		*03/20/20 17:27*	*2*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		100		ug/L			03/20/20 04:15	20
1,1,2,2-Tetrachloroethane	ND		100		ug/L			03/20/20 04:15	20
1,1,2-Trichloroethane	ND		100		ug/L			03/20/20 04:15	20
1,1-Dichloroethane	ND		100		ug/L			03/20/20 04:15	20

Client Sample ID: MW-23
Lab Sample ID: 480-167621-1

Date Collected: 03/18/20 08:45
Matrix: Water
Date Received: 03/19/20 10:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethene	ND		100		ug/L			03/20/20 04:15	20
1,2-Dichloroethane	ND		100		ug/L			03/20/20 04:15	20
1,2-Dichloropropane	ND		100		ug/L			03/20/20 04:15	20
2-Hexanone	ND		200		ug/L			03/20/20 04:15	20
Acetone	ND		200		ug/L			03/20/20 04:15	20
Benzene	ND		100		ug/L			03/20/20 04:15	20
Bromodichloromethane	ND		100		ug/L			03/20/20 04:15	20
Bromoform	ND		100		ug/L			03/20/20 04:15	20
Bromomethane	ND		100		ug/L			03/20/20 04:15	20
Carbon disulfide	ND		100		ug/L			03/20/20 04:15	20
Carbon tetrachloride	ND		100		ug/L			03/20/20 04:15	20
Chlorobenzene	ND		100		ug/L			03/20/20 04:15	20
Chloroethane	ND		100		ug/L			03/20/20 04:15	20
Chloroform	ND		100		ug/L			03/20/20 04:15	20
Chloromethane	ND		100		ug/L			03/20/20 04:15	20
cis-1,2-Dichloroethene	**150**		100		ug/L			03/20/20 04:15	20
cis-1,3-Dichloropropene	ND		100		ug/L			03/20/20 04:15	20
Dibromochloromethane	ND		100		ug/L			03/20/20 04:15	20
Dichlorodifluoromethane	ND		100		ug/L			03/20/20 04:15	20
Ethylbenzene	ND		100		ug/L			03/20/20 04:15	20
Methyl ethyl ketone (MEK)	ND	*	200		ug/L			03/20/20 04:15	20
Methyl isobutyl ketone (MIBK)	ND		200		ug/L			03/20/20 04:15	20
Methylene Chloride	ND		100		ug/L			03/20/20 04:15	20
Styrene	ND		100		ug/L			03/20/20 04:15	20
Tetrachloroethene	ND		100		ug/L			03/20/20 04:15	20
Toluene	ND		100		ug/L			03/20/20 04:15	20
trans-1,2-Dichloroethene	ND		100		ug/L			03/20/20 04:15	20
trans-1,3-Dichloropropene	ND		100		ug/L			03/20/20 04:15	20
Trichloroethene	**770**		100		ug/L			03/20/20 04:15	20
Trichlorofluoromethane	ND		100		ug/L			03/20/20 04:15	20
Vinyl acetate	ND		100		ug/L			03/20/20 04:15	20
Vinyl chloride	ND		100		ug/L			03/20/20 04:15	20
Xylenes, Total	ND		100		ug/L			03/20/20 04:15	20

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*94*		*77 - 120*		*03/20/20 04:15*	*20*
4-Bromofluorobenzene (Surr)	*100*		*73 - 120*		*03/20/20 04:15*	*20*
Toluene-d8 (Surr)	*104*		*80 - 120*		*03/20/20 04:15*	*20*
Dibromofluoromethane (Surr)	*95*		*75 - 123*		*03/20/20 04:15*	*20*

Client Sample ID: MW-24
Lab Sample ID: 480-167621-2

Date Collected: 03/18/20 09:05
Matrix: Water
Date Received: 03/19/20 10:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		200		ug/L			03/20/20 17:50	40
1,1,2,2-Tetrachloroethane	ND		200		ug/L			03/20/20 17:50	40
1,1,2-Trichloroethane	ND		200		ug/L			03/20/20 17:50	40
1,1-Dichloroethane	ND		200		ug/L			03/20/20 17:50	40

Client Sample ID: MW-24

Date Collected: 03/18/20 09:05
Date Received: 03/19/20 10:00

Lab Sample ID: 480-167621-2

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethene	ND		200		ug/L			03/20/20 17:50	40
1,2-Dichloroethane	ND	UJ	200		ug/L			03/20/20 17:50	40
1,2-Dichloropropane	ND		200		ug/L			03/20/20 17:50	40
2-Hexanone	ND		400		ug/L			03/20/20 17:50	40
Acetone	ND		400		ug/L			03/20/20 17:50	40
Benzene	ND		200		ug/L			03/20/20 17:50	40
Bromodichloromethane	ND		200		ug/L			03/20/20 17:50	40
Bromoform	ND		200		ug/L			03/20/20 17:50	40
Bromomethane	ND		200		ug/L			03/20/20 17:50	40
Carbon disulfide	ND		200		ug/L			03/20/20 17:50	40
Carbon tetrachloride	ND		200		ug/L			03/20/20 17:50	40
Chlorobenzene	ND		200		ug/L			03/20/20 17:50	40
Chloroethane	ND		200		ug/L			03/20/20 17:50	40
Chloroform	ND		200		ug/L			03/20/20 17:50	40
Chloromethane	ND		200		ug/L			03/20/20 17:50	40
cis-1,2-Dichloroethene	16000	~~19000~~ ~~E~~	200		ug/L			03/20/20 17:50	40
cis-1,3-Dichloropropene	ND		200		ug/L			03/20/20 17:50	40
Dibromochloromethane	ND		200		ug/L			03/20/20 17:50	40
Dichlorodifluoromethane	ND		200		ug/L			03/20/20 17:50	40
Ethylbenzene	ND		200		ug/L			03/20/20 17:50	40
Methyl ethyl ketone (MEK)	ND		400		ug/L			03/20/20 17:50	40
Methyl isobutyl ketone (MIBK)	ND		400		ug/L			03/20/20 17:50	40
Methylene Chloride	ND		200		ug/L			03/20/20 17:50	40
Styrene	ND		200		ug/L			03/20/20 17:50	40
Tetrachloroethene	ND		200		ug/L			03/20/20 17:50	40
Toluene	ND		200		ug/L			03/20/20 17:50	40
trans-1,2-Dichloroethene	ND		200		ug/L			03/20/20 17:50	40
trans-1,3-Dichloropropene	ND		200		ug/L			03/20/20 17:50	40
Trichloroethene	ND		200		ug/L			03/20/20 17:50	40
Trichlorofluoromethane	ND		200		ug/L			03/20/20 17:50	40
Vinyl acetate	ND		200		ug/L			03/20/20 17:50	40
Vinyl chloride	ND		200		ug/L			03/20/20 17:50	40
Xylenes, Total	ND		200		ug/L			03/20/20 17:50	40

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*93*		*77 - 120*		*03/20/20 17:50*	*40*
4-Bromofluorobenzene (Surr)	*98*		*73 - 120*		*03/20/20 17:50*	*40*
Toluene-d8 (Surr)	*104*		*80 - 120*		*03/20/20 17:50*	*40*
Dibromofluoromethane (Surr)	*95*		*75 - 123*		*03/20/20 17:50*	*40*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		2000		ug/L			03/20/20 04:37	400
1,1,2,2-Tetrachloroethane	ND		2000		ug/L			03/20/20 04:37	400
1,1,2-Trichloroethane	ND		2000		ug/L			03/20/20 04:37	400
1,1-Dichloroethane	ND		2000		ug/L			03/20/20 04:37	400
1,1-Dichloroethene	ND		2000		ug/L			03/20/20 04:37	400
1,2-Dichloroethane	ND		2000		ug/L			03/20/20 04:37	400
1,2-Dichloropropane	ND		2000		ug/L			03/20/20 04:37	400
2-Hexanone	ND		4000		ug/L			03/20/20 04:37	400

Client Sample ID: MW-24
Lab Sample ID: 480-167621-2

Date Collected: 03/18/20 09:05
Matrix: Water
Date Received: 03/19/20 10:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		4000		ug/L			03/20/20 04:37	400
Benzene	ND		2000		ug/L			03/20/20 04:37	400
Bromodichloromethane	ND		2000		ug/L			03/20/20 04:37	400
Bromoform	ND		2000		ug/L			03/20/20 04:37	400
Bromomethane	ND		2000		ug/L			03/20/20 04:37	400
Carbon disulfide	ND		2000		ug/L			03/20/20 04:37	400
Carbon tetrachloride	ND		2000		ug/L			03/20/20 04:37	400
Chlorobenzene	ND		2000		ug/L			03/20/20 04:37	400
Chloroethane	ND		2000		ug/L			03/20/20 04:37	400
Chloroform	ND		2000		ug/L			03/20/20 04:37	400
Chloromethane	ND		2000		ug/L			03/20/20 04:37	400
cis-1,2-Dichloroethene	**16000**		2000		ug/L			03/20/20 04:37	400
cis-1,3-Dichloropropene	ND		2000		ug/L			03/20/20 04:37	400
Dibromochloromethane	ND		2000		ug/L			03/20/20 04:37	400
Dichlorodifluoromethane	ND		2000		ug/L			03/20/20 04:37	400
Ethylbenzene	ND		2000		ug/L			03/20/20 04:37	400
Methyl ethyl ketone (MEK)	ND	*	4000		ug/L			03/20/20 04:37	400
Methyl isobutyl ketone (MIBK)	ND		4000		ug/L			03/20/20 04:37	400
Methylene Chloride	ND		2000		ug/L			03/20/20 04:37	400
Styrene	ND		2000		ug/L			03/20/20 04:37	400
Tetrachloroethene	ND		2000		ug/L			03/20/20 04:37	400
Toluene	ND		2000		ug/L			03/20/20 04:37	400
trans-1,2-Dichloroethene	ND		2000		ug/L			03/20/20 04:37	400
trans-1,3-Dichloropropene	ND		2000		ug/L			03/20/20 04:37	400
Trichloroethene	ND		2000		ug/L			03/20/20 04:37	400
Trichlorofluoromethane	ND		2000		ug/L			03/20/20 04:37	400
Vinyl acetate	ND		2000		ug/L			03/20/20 04:37	400
Vinyl chloride	ND		2000		ug/L			03/20/20 04:37	400
Xylenes, Total	ND		2000		ug/L			03/20/20 04:37	400

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*93*		*77 - 120*		*03/20/20 04:37*	*400*
4-Bromofluorobenzene (Surr)	*99*		*73 - 120*		*03/20/20 04:37*	*400*
Toluene-d8 (Surr)	*104*		*80 - 120*		*03/20/20 04:37*	*400*
Dibromofluoromethane (Surr)	*95*		*75 - 123*		*03/20/20 04:37*	*400*

Client Sample ID: MW-BR-06
Lab Sample ID: 480-167621-3

Date Collected: 03/18/20 09:35
Matrix: Water
Date Received: 03/19/20 10:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.0		ug/L			03/20/20 05:01	1
1,1,2,2-Tetrachloroethane	ND		5.0		ug/L			03/20/20 05:01	1
1,1,2-Trichloroethane	ND		5.0		ug/L			03/20/20 05:01	1
1,1-Dichloroethane	ND		5.0		ug/L			03/20/20 05:01	1
1,1-Dichloroethene	ND		5.0		ug/L			03/20/20 05:01	1
1,2-Dichloroethane	ND		5.0		ug/L			03/20/20 05:01	1
1,2-Dichloropropane	ND		5.0		ug/L			03/20/20 05:01	1
2-Hexanone	ND		10		ug/L			03/20/20 05:01	1

Client Sample ID: MW-BR-06
Lab Sample ID: 480-167621-3

Date Collected: 03/18/20 09:35
Matrix: Water
Date Received: 03/19/20 10:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		10		ug/L			03/20/20 05:01	1
Benzene	ND		5.0		ug/L			03/20/20 05:01	1
Bromodichloromethane	ND		5.0		ug/L			03/20/20 05:01	1
Bromoform	ND		5.0		ug/L			03/20/20 05:01	1
Bromomethane	ND		5.0		ug/L			03/20/20 05:01	1
Carbon disulfide	ND		5.0		ug/L			03/20/20 05:01	1
Carbon tetrachloride	ND		5.0		ug/L			03/20/20 05:01	1
Chlorobenzene	ND		5.0		ug/L			03/20/20 05:01	1
Chloroethane	ND		5.0		ug/L			03/20/20 05:01	1
Chloroform	ND		5.0		ug/L			03/20/20 05:01	1
Chloromethane	ND		5.0		ug/L			03/20/20 05:01	1
cis-1,2-Dichloroethene	**72**		5.0		ug/L			03/20/20 05:01	1
cis-1,3-Dichloropropene	ND		5.0		ug/L			03/20/20 05:01	1
Dibromochloromethane	ND		5.0		ug/L			03/20/20 05:01	1
Dichlorodifluoromethane	ND		5.0		ug/L			03/20/20 05:01	1
Ethylbenzene	ND		5.0		ug/L			03/20/20 05:01	1
Methyl ethyl ketone (MEK)	ND	*	10		ug/L			03/20/20 05:01	1
Methyl isobutyl ketone (MIBK)	ND		10		ug/L			03/20/20 05:01	1
Methylene Chloride	ND		5.0		ug/L			03/20/20 05:01	1
Styrene	ND		5.0		ug/L			03/20/20 05:01	1
Tetrachloroethene	ND		5.0		ug/L			03/20/20 05:01	1
Toluene	ND		5.0		ug/L			03/20/20 05:01	1
trans-1,2-Dichloroethene	ND		5.0		ug/L			03/20/20 05:01	1
trans-1,3-Dichloropropene	ND		5.0		ug/L			03/20/20 05:01	1
Trichloroethene	**46**		5.0		ug/L			03/20/20 05:01	1
Trichlorofluoromethane	ND		5.0		ug/L			03/20/20 05:01	1
Vinyl acetate	ND		5.0		ug/L			03/20/20 05:01	1
Vinyl chloride	ND		5.0		ug/L			03/20/20 05:01	1
Xylenes, Total	ND		5.0		ug/L			03/20/20 05:01	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*94*		*77 - 120*		*03/20/20 05:01*	*1*
4-Bromofluorobenzene (Surr)	*99*		*73 - 120*		*03/20/20 05:01*	*1*
Toluene-d8 (Surr)	*103*		*80 - 120*		*03/20/20 05:01*	*1*
Dibromofluoromethane (Surr)	*96*		*75 - 123*		*03/20/20 05:01*	*1*

Client Sample ID: MW-26
Lab Sample ID: 480-167621-4

Date Collected: 03/18/20 10:00
Matrix: Water
Date Received: 03/19/20 10:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.0		ug/L			03/20/20 05:24	1
1,1,2,2-Tetrachloroethane	ND		5.0		ug/L			03/20/20 05:24	1
1,1,2-Trichloroethane	ND		5.0		ug/L			03/20/20 05:24	1
1,1-Dichloroethane	ND		5.0		ug/L			03/20/20 05:24	1
1,1-Dichloroethene	ND		5.0		ug/L			03/20/20 05:24	1
1,2-Dichloroethane	ND		5.0		ug/L			03/20/20 05:24	1
1,2-Dichloropropane	ND		5.0		ug/L			03/20/20 05:24	1
2-Hexanone	ND		10		ug/L			03/20/20 05:24	1

Client Sample ID: MW-26
Lab Sample ID: 480-167621-4

Date Collected: 03/18/20 10:00
Matrix: Water
Date Received: 03/19/20 10:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		10		ug/L			03/20/20 05:24	1
Benzene	ND		5.0		ug/L			03/20/20 05:24	1
Bromodichloromethane	ND		5.0		ug/L			03/20/20 05:24	1
Bromoform	ND		5.0		ug/L			03/20/20 05:24	1
Bromomethane	ND		5.0		ug/L			03/20/20 05:24	1
Carbon disulfide	ND		5.0		ug/L			03/20/20 05:24	1
Carbon tetrachloride	ND		5.0		ug/L			03/20/20 05:24	1
Chlorobenzene	ND		5.0		ug/L			03/20/20 05:24	1
Chloroethane	ND		5.0		ug/L			03/20/20 05:24	1
Chloroform	ND		5.0		ug/L			03/20/20 05:24	1
Chloromethane	ND		5.0		ug/L			03/20/20 05:24	1
cis-1,2-Dichloroethene	ND		5.0		ug/L			03/20/20 05:24	1
cis-1,3-Dichloropropene	ND		5.0		ug/L			03/20/20 05:24	1
Dibromochloromethane	ND		5.0		ug/L			03/20/20 05:24	1
Dichlorodifluoromethane	ND		5.0		ug/L			03/20/20 05:24	1
Ethylbenzene	ND		5.0		ug/L			03/20/20 05:24	1
Methyl ethyl ketone (MEK)	ND	*	10		ug/L			03/20/20 05:24	1
Methyl isobutyl ketone (MIBK)	ND		10		ug/L			03/20/20 05:24	1
Methylene Chloride	ND		5.0		ug/L			03/20/20 05:24	1
Styrene	ND		5.0		ug/L			03/20/20 05:24	1
Tetrachloroethene	ND		5.0		ug/L			03/20/20 05:24	1
Toluene	ND		5.0		ug/L			03/20/20 05:24	1
trans-1,2-Dichloroethene	ND		5.0		ug/L			03/20/20 05:24	1
trans-1,3-Dichloropropene	ND		5.0		ug/L			03/20/20 05:24	1
Trichloroethene	ND		5.0		ug/L			03/20/20 05:24	1
Trichlorofluoromethane	ND		5.0		ug/L			03/20/20 05:24	1
Vinyl acetate	ND		5.0		ug/L			03/20/20 05:24	1
Vinyl chloride	ND		5.0		ug/L			03/20/20 05:24	1
Xylenes, Total	ND		5.0		ug/L			03/20/20 05:24	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*92*		*77 - 120*		*03/20/20 05:24*	*1*
4-Bromofluorobenzene (Surr)	*99*		*73 - 120*		*03/20/20 05:24*	*1*
Toluene-d8 (Surr)	*104*		*80 - 120*		*03/20/20 05:24*	*1*
Dibromofluoromethane (Surr)	*96*		*75 - 123*		*03/20/20 05:24*	*1*

Client Sample ID: MW-29
Lab Sample ID: 480-167621-5

Date Collected: 03/18/20 11:25
Matrix: Water
Date Received: 03/19/20 10:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.0		ug/L			03/20/20 18:13	1
1,1,2,2-Tetrachloroethane	ND		5.0		ug/L			03/20/20 18:13	1
1,1,2-Trichloroethane	ND		5.0		ug/L			03/20/20 18:13	1
1,1-Dichloroethane	ND		5.0		ug/L			03/20/20 18:13	1
1,1-Dichloroethene	ND		5.0		ug/L			03/20/20 18:13	1
1,2-Dichloroethane	ND	UJ	5.0		ug/L			03/20/20 18:13	1
1,2-Dichloropropane	ND		5.0		ug/L			03/20/20 18:13	1
2-Hexanone	ND		10		ug/L			03/20/20 18:13	1

Client Sample ID: MW-29
Date Collected: 03/18/20 11:25
Date Received: 03/19/20 10:00

Lab Sample ID: 480-167621-5
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		10		ug/L			03/20/20 18:13	1
Benzene	ND		5.0		ug/L			03/20/20 18:13	1
Bromodichloromethane	ND		5.0		ug/L			03/20/20 18:13	1
Bromoform	ND		5.0		ug/L			03/20/20 18:13	1
Bromomethane	ND		5.0		ug/L			03/20/20 18:13	1
Carbon disulfide	ND		5.0		ug/L			03/20/20 18:13	1
Carbon tetrachloride	ND		5.0		ug/L			03/20/20 18:13	1
Chlorobenzene	ND		5.0		ug/L			03/20/20 18:13	1
Chloroethane	ND		5.0		ug/L			03/20/20 18:13	1
Chloroform	ND		5.0		ug/L			03/20/20 18:13	1
Chloromethane	ND		5.0		ug/L			03/20/20 18:13	1
cis-1,2-Dichloroethene	97 ~~100~~	~~E~~	5.0		ug/L			03/20/20 18:13	1
cis-1,3-Dichloropropene	ND		5.0		ug/L			03/20/20 18:13	1
Dibromochloromethane	ND		5.0		ug/L			03/20/20 18:13	1
Dichlorodifluoromethane	ND		5.0		ug/L			03/20/20 18:13	1
Ethylbenzene	ND		5.0		ug/L			03/20/20 18:13	1
Methyl ethyl ketone (MEK)	ND		10		ug/L			03/20/20 18:13	1
Methyl isobutyl ketone (MIBK)	ND		10		ug/L			03/20/20 18:13	1
Methylene Chloride	ND		5.0		ug/L			03/20/20 18:13	1
Styrene	ND		5.0		ug/L			03/20/20 18:13	1
Tetrachloroethene	ND		5.0		ug/L			03/20/20 18:13	1
Toluene	ND		5.0		ug/L			03/20/20 18:13	1
trans-1,2-Dichloroethene	ND		5.0		ug/L			03/20/20 18:13	1
trans-1,3-Dichloropropene	ND		5.0		ug/L			03/20/20 18:13	1
Trichloroethene	ND		5.0		ug/L			03/20/20 18:13	1
Trichlorofluoromethane	ND		5.0		ug/L			03/20/20 18:13	1
Vinyl acetate	ND		5.0		ug/L			03/20/20 18:13	1
Vinyl chloride	ND		5.0		ug/L			03/20/20 18:13	1
Xylenes, Total	ND		5.0		ug/L			03/20/20 18:13	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*94*		*77 - 120*		*03/20/20 18:13*	*1*
4-Bromofluorobenzene (Surr)	*99*		*73 - 120*		*03/20/20 18:13*	*1*
Toluene-d8 (Surr)	*104*		*80 - 120*		*03/20/20 18:13*	*1*
Dibromofluoromethane (Surr)	*97*		*75 - 123*		*03/20/20 18:13*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		10		ug/L			03/20/20 05:47	2
1,1,2,2-Tetrachloroethane	ND		10		ug/L			03/20/20 05:47	2
1,1,2-Trichloroethane	ND		10		ug/L			03/20/20 05:47	2
1,1-Dichloroethane	ND		10		ug/L			03/20/20 05:47	2
1,1-Dichloroethene	ND		10		ug/L			03/20/20 05:47	2
1,2-Dichloroethane	ND		10		ug/L			03/20/20 05:47	2
1,2-Dichloropropane	ND		10		ug/L			03/20/20 05:47	2
2-Hexanone	ND		20		ug/L			03/20/20 05:47	2
Acetone	ND		20		ug/L			03/20/20 05:47	2
Benzene	ND		10		ug/L			03/20/20 05:47	2
Bromodichloromethane	ND		10		ug/L			03/20/20 05:47	2
Bromoform	ND		10		ug/L			03/20/20 05:47	2

Client Sample ID: MW-29
Lab Sample ID: 480-167621-5

Date Collected: 03/18/20 11:25
Matrix: Water
Date Received: 03/19/20 10:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bromomethane	ND		10		ug/L			03/20/20 05:47	2
Carbon disulfide	ND		10		ug/L			03/20/20 05:47	2
Carbon tetrachloride	ND		10		ug/L			03/20/20 05:47	2
Chlorobenzene	ND		10		ug/L			03/20/20 05:47	2
Chloroethane	ND		10		ug/L			03/20/20 05:47	2
Chloroform	ND		10		ug/L			03/20/20 05:47	2
Chloromethane	ND		10		ug/L			03/20/20 05:47	2
cis-1,2-Dichloroethene	**97**		10		ug/L			03/20/20 05:47	2
cis-1,3-Dichloropropene	ND		10		ug/L			03/20/20 05:47	2
Dibromochloromethane	ND		10		ug/L			03/20/20 05:47	2
Dichlorodifluoromethane	ND		10		ug/L			03/20/20 05:47	2
Ethylbenzene	ND		10		ug/L			03/20/20 05:47	2
Methyl ethyl ketone (MEK)	ND	*	20		ug/L			03/20/20 05:47	2
Methyl isobutyl ketone (MIBK)	ND		20		ug/L			03/20/20 05:47	2
Methylene Chloride	ND		10		ug/L			03/20/20 05:47	2
Styrene	ND		10		ug/L			03/20/20 05:47	2
Tetrachloroethene	ND		10		ug/L			03/20/20 05:47	2
Toluene	ND		10		ug/L			03/20/20 05:47	2
trans-1,2-Dichloroethene	ND		10		ug/L			03/20/20 05:47	2
trans-1,3-Dichloropropene	ND		10		ug/L			03/20/20 05:47	2
Trichloroethene	ND		10		ug/L			03/20/20 05:47	2
Trichlorofluoromethane	ND		10		ug/L			03/20/20 05:47	2
Vinyl acetate	ND		10		ug/L			03/20/20 05:47	2
Vinyl chloride	ND		10		ug/L			03/20/20 05:47	2
Xylenes, Total	ND		10		ug/L			03/20/20 05:47	2

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*92*		*77 - 120*		*03/20/20 05:47*	*2*
4-Bromofluorobenzene (Surr)	*100*		*73 - 120*		*03/20/20 05:47*	*2*
Toluene-d8 (Surr)	*104*		*80 - 120*		*03/20/20 05:47*	*2*
Dibromofluoromethane (Surr)	*95*		*75 - 123*		*03/20/20 05:47*	*2*

Client Sample ID: MW-25
Lab Sample ID: 480-167621-6

Date Collected: 03/18/20 11:55
Matrix: Water
Date Received: 03/19/20 10:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.0		ug/L			03/20/20 18:36	1
1,1,2,2-Tetrachloroethane	ND		5.0		ug/L			03/20/20 18:36	1
1,1,2-Trichloroethane	ND		5.0		ug/L			03/20/20 18:36	1
1,1-Dichloroethane	**8.9**		5.0		ug/L			03/20/20 18:36	1
1,1-Dichloroethene	ND		5.0		ug/L			03/20/20 18:36	1
1,2-Dichloroethane	ND	UJ	5.0		ug/L			03/20/20 18:36	1
1,2-Dichloropropane	ND		5.0		ug/L			03/20/20 18:36	1
2-Hexanone	ND		10		ug/L			03/20/20 18:36	1
Acetone	ND		10		ug/L			03/20/20 18:36	1
Benzene	ND		5.0		ug/L			03/20/20 18:36	1
Bromodichloromethane	ND		5.0		ug/L			03/20/20 18:36	1
Bromoform	ND		5.0		ug/L			03/20/20 18:36	1

Client Sample ID: MW-25
Date Collected: 03/18/20 11:55
Date Received: 03/19/20 10:00

Lab Sample ID: 480-167621-6
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bromomethane	ND		5.0		ug/L			03/20/20 18:36	1
Carbon disulfide	ND		5.0		ug/L			03/20/20 18:36	1
Carbon tetrachloride	ND		5.0		ug/L			03/20/20 18:36	1
Chlorobenzene	ND		5.0		ug/L			03/20/20 18:36	1
Chloroethane	ND		5.0		ug/L			03/20/20 18:36	1
Chloroform	ND		5.0		ug/L			03/20/20 18:36	1
Chloromethane	ND		5.0		ug/L			03/20/20 18:36	1
cis-1,2-Dichloroethene	**120**	**E**	5.0		ug/L			03/20/20 18:36	1
cis-1,3-Dichloropropene	ND		5.0		ug/L			03/20/20 18:36	1
Dibromochloromethane	ND		5.0		ug/L			03/20/20 18:36	1
Dichlorodifluoromethane	ND		5.0		ug/L			03/20/20 18:36	1
Ethylbenzene	ND		5.0		ug/L			03/20/20 18:36	1
Methyl ethyl ketone (MEK)	ND		10		ug/L			03/20/20 18:36	1
Methyl isobutyl ketone (MIBK)	ND		10		ug/L			03/20/20 18:36	1
Methylene Chloride	ND		5.0		ug/L			03/20/20 18:36	1
Styrene	ND		5.0		ug/L			03/20/20 18:36	1
Tetrachloroethene	ND		5.0		ug/L			03/20/20 18:36	1
Toluene	ND		5.0		ug/L			03/20/20 18:36	1
trans-1,2-Dichloroethene	ND		5.0		ug/L			03/20/20 18:36	1
trans-1,3-Dichloropropene	ND		5.0		ug/L			03/20/20 18:36	1
Trichloroethene	ND		5.0		ug/L			03/20/20 18:36	1
Trichlorofluoromethane	ND		5.0		ug/L			03/20/20 18:36	1
Vinyl acetate	ND		5.0		ug/L			03/20/20 18:36	1
Vinyl chloride	ND		5.0		ug/L			03/20/20 18:36	1
Xylenes, Total	ND		5.0		ug/L			03/20/20 18:36	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*94*		*77 - 120*		*03/20/20 18:36*	*1*
4-Bromofluorobenzene (Surr)	*99*		*73 - 120*		*03/20/20 18:36*	*1*
Toluene-d8 (Surr)	*103*		*80 - 120*		*03/20/20 18:36*	*1*
Dibromofluoromethane (Surr)	*97*		*75 - 123*		*03/20/20 18:36*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		25		ug/L			03/20/20 06:10	5
1,1,2,2-Tetrachloroethane	ND		25		ug/L			03/20/20 06:10	5
1,1,2-Trichloroethane	ND		25		ug/L			03/20/20 06:10	5
1,1-Dichloroethane	ND		25		ug/L			03/20/20 06:10	5
1,1-Dichloroethene	ND		25		ug/L			03/20/20 06:10	5
1,2-Dichloroethane	ND		25		ug/L			03/20/20 06:10	5
1,2-Dichloropropane	ND		25		ug/L			03/20/20 06:10	5
2-Hexanone	ND		50		ug/L			03/20/20 06:10	5
Acetone	ND		50		ug/L			03/20/20 06:10	5
Benzene	ND		25		ug/L			03/20/20 06:10	5
Bromodichloromethane	ND		25		ug/L			03/20/20 06:10	5
Bromoform	ND		25		ug/L			03/20/20 06:10	5
Bromomethane	ND		25		ug/L			03/20/20 06:10	5
Carbon disulfide	ND		25		ug/L			03/20/20 06:10	5
Carbon tetrachloride	ND		25		ug/L			03/20/20 06:10	5
Chlorobenzene	ND		25		ug/L			03/20/20 06:10	5

Client Sample ID: MW-25
Lab Sample ID: 480-167621-6

Date Collected: 03/18/20 11:55
Matrix: Water
Date Received: 03/19/20 10:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloroethane	ND		25		ug/L			03/20/20 06:10	5
Chloroform	ND		25		ug/L			03/20/20 06:10	5
Chloromethane	ND		25		ug/L			03/20/20 06:10	5
cis-1,2-Dichloroethene	**120**		25		ug/L			03/20/20 06:10	5
cis-1,3-Dichloropropene	ND		25		ug/L			03/20/20 06:10	5
Dibromochloromethane	ND		25		ug/L			03/20/20 06:10	5
Dichlorodifluoromethane	ND		25		ug/L			03/20/20 06:10	5
Ethylbenzene	ND		25		ug/L			03/20/20 06:10	5
Methyl ethyl ketone (MEK)	ND	*	50		ug/L			03/20/20 06:10	5
Methyl isobutyl ketone (MIBK)	ND		50		ug/L			03/20/20 06:10	5
Methylene Chloride	ND		25		ug/L			03/20/20 06:10	5
Styrene	ND		25		ug/L			03/20/20 06:10	5
Tetrachloroethene	ND		25		ug/L			03/20/20 06:10	5
Toluene	ND		25		ug/L			03/20/20 06:10	5
trans-1,2-Dichloroethene	ND		25		ug/L			03/20/20 06:10	5
trans-1,3-Dichloropropene	ND		25		ug/L			03/20/20 06:10	5
Trichloroethene	ND		25		ug/L			03/20/20 06:10	5
Trichlorofluoromethane	ND		25		ug/L			03/20/20 06:10	5
Vinyl acetate	ND		25		ug/L			03/20/20 06:10	5
Vinyl chloride	ND		25		ug/L			03/20/20 06:10	5
Xylenes, Total	ND		25		ug/L			03/20/20 06:10	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*93*		*77 - 120*		*03/20/20 06:10*	*5*
4-Bromofluorobenzene (Surr)	*99*		*73 - 120*		*03/20/20 06:10*	*5*
Toluene-d8 (Surr)	*103*		*80 - 120*		*03/20/20 06:10*	*5*
Dibromofluoromethane (Surr)	*96*		*75 - 123*		*03/20/20 06:10*	*5*

Client Sample ID: MW-22
Lab Sample ID: 480-167621-7

Date Collected: 03/18/20 12:10
Matrix: Water
Date Received: 03/19/20 10:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.0		ug/L			03/20/20 06:33	1
1,1,2,2-Tetrachloroethane	ND		5.0		ug/L			03/20/20 06:33	1
1,1,2-Trichloroethane	ND		5.0		ug/L			03/20/20 06:33	1
1,1-Dichloroethane	ND		5.0		ug/L			03/20/20 06:33	1
1,1-Dichloroethene	ND		5.0		ug/L			03/20/20 06:33	1
1,2-Dichloroethane	ND		5.0		ug/L			03/20/20 06:33	1
1,2-Dichloropropane	ND		5.0		ug/L			03/20/20 06:33	1
2-Hexanone	ND		10		ug/L			03/20/20 06:33	1
Acetone	ND		10		ug/L			03/20/20 06:33	1
Benzene	ND		5.0		ug/L			03/20/20 06:33	1
Bromodichloromethane	ND		5.0		ug/L			03/20/20 06:33	1
Bromoform	ND		5.0		ug/L			03/20/20 06:33	1
Bromomethane	ND		5.0		ug/L			03/20/20 06:33	1
Carbon disulfide	ND		5.0		ug/L			03/20/20 06:33	1
Carbon tetrachloride	ND		5.0		ug/L			03/20/20 06:33	1
Chlorobenzene	ND		5.0		ug/L			03/20/20 06:33	1

Client Sample ID: MW-22
Lab Sample ID: 480-167621-7

Date Collected: 03/18/20 12:10
Matrix: Water
Date Received: 03/19/20 10:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloroethane	ND		5.0		ug/L			03/20/20 06:33	1
Chloroform	ND		5.0		ug/L			03/20/20 06:33	1
Chloromethane	ND		5.0		ug/L			03/20/20 06:33	1
cis-1,2-Dichloroethene	ND		5.0		ug/L			03/20/20 06:33	1
cis-1,3-Dichloropropene	ND		5.0		ug/L			03/20/20 06:33	1
Dibromochloromethane	ND		5.0		ug/L			03/20/20 06:33	1
Dichlorodifluoromethane	ND		5.0		ug/L			03/20/20 06:33	1
Ethylbenzene	ND		5.0		ug/L			03/20/20 06:33	1
Methyl ethyl ketone (MEK)	ND	*	10		ug/L			03/20/20 06:33	1
Methyl isobutyl ketone (MIBK)	ND		10		ug/L			03/20/20 06:33	1
Methylene Chloride	ND		5.0		ug/L			03/20/20 06:33	1
Styrene	ND		5.0		ug/L			03/20/20 06:33	1
Tetrachloroethene	ND		5.0		ug/L			03/20/20 06:33	1
Toluene	ND		5.0		ug/L			03/20/20 06:33	1
trans-1,2-Dichloroethene	ND		5.0		ug/L			03/20/20 06:33	1
trans-1,3-Dichloropropene	ND		5.0		ug/L			03/20/20 06:33	1
Trichloroethene	**6.8**		5.0		ug/L			03/20/20 06:33	1
Trichlorofluoromethane	ND		5.0		ug/L			03/20/20 06:33	1
Vinyl acetate	ND		5.0		ug/L			03/20/20 06:33	1
Vinyl chloride	ND		5.0		ug/L			03/20/20 06:33	1
Xylenes, Total	ND		5.0		ug/L			03/20/20 06:33	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*94*		*77 - 120*		*03/20/20 06:33*	*1*
4-Bromofluorobenzene (Surr)	*98*		*73 - 120*		*03/20/20 06:33*	*1*
Toluene-d8 (Surr)	*103*		*80 - 120*		*03/20/20 06:33*	*1*
Dibromofluoromethane (Surr)	*97*		*75 - 123*		*03/20/20 06:33*	*1*

Client Sample ID: MW-BR-05
Lab Sample ID: 480-167621-8

Date Collected: 03/18/20 13:50
Matrix: Water
Date Received: 03/19/20 10:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.0		ug/L			03/20/20 06:56	1
1,1,2,2-Tetrachloroethane	ND		5.0		ug/L			03/20/20 06:56	1
1,1,2-Trichloroethane	ND		5.0		ug/L			03/20/20 06:56	1
1,1-Dichloroethane	ND		5.0		ug/L			03/20/20 06:56	1
1,1-Dichloroethene	ND		5.0		ug/L			03/20/20 06:56	1
1,2-Dichloroethane	ND		5.0		ug/L			03/20/20 06:56	1
1,2-Dichloropropane	ND		5.0		ug/L			03/20/20 06:56	1
2-Hexanone	ND		10		ug/L			03/20/20 06:56	1
Acetone	ND		10		ug/L			03/20/20 06:56	1
Benzene	ND		5.0		ug/L			03/20/20 06:56	1
Bromodichloromethane	ND		5.0		ug/L			03/20/20 06:56	1
Bromoform	ND		5.0		ug/L			03/20/20 06:56	1
Bromomethane	ND		5.0		ug/L			03/20/20 06:56	1
Carbon disulfide	ND		5.0		ug/L			03/20/20 06:56	1
Carbon tetrachloride	ND		5.0		ug/L			03/20/20 06:56	1
Chlorobenzene	ND		5.0		ug/L			03/20/20 06:56	1

Client Sample ID: MW-BR-05
Lab Sample ID: 480-167621-8

Date Collected: 03/18/20 13:50
Matrix: Water
Date Received: 03/19/20 10:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloroethane	ND		5.0		ug/L			03/20/20 06:56	1
Chloroform	ND		5.0		ug/L			03/20/20 06:56	1
Chloromethane	ND		5.0		ug/L			03/20/20 06:56	1
cis-1,2-Dichloroethene	ND		5.0		ug/L			03/20/20 06:56	1
cis-1,3-Dichloropropene	ND		5.0		ug/L			03/20/20 06:56	1
Dibromochloromethane	ND		5.0		ug/L			03/20/20 06:56	1
Dichlorodifluoromethane	ND		5.0		ug/L			03/20/20 06:56	1
Ethylbenzene	ND		5.0		ug/L			03/20/20 06:56	1
Methyl ethyl ketone (MEK)	ND	*	10		ug/L			03/20/20 06:56	1
Methyl isobutyl ketone (MIBK)	ND		10		ug/L			03/20/20 06:56	1
Methylene Chloride	ND		5.0		ug/L			03/20/20 06:56	1
Styrene	ND		5.0		ug/L			03/20/20 06:56	1
Tetrachloroethene	ND		5.0		ug/L			03/20/20 06:56	1
Toluene	ND		5.0		ug/L			03/20/20 06:56	1
trans-1,2-Dichloroethene	ND		5.0		ug/L			03/20/20 06:56	1
trans-1,3-Dichloropropene	ND		5.0		ug/L			03/20/20 06:56	1
Trichloroethene	ND		5.0		ug/L			03/20/20 06:56	1
Trichlorofluoromethane	ND		5.0		ug/L			03/20/20 06:56	1
Vinyl acetate	ND		5.0		ug/L			03/20/20 06:56	1
Vinyl chloride	ND		5.0		ug/L			03/20/20 06:56	1
Xylenes, Total	ND		5.0		ug/L			03/20/20 06:56	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*93*		*77 - 120*		*03/20/20 06:56*	*1*
4-Bromofluorobenzene (Surr)	*100*		*73 - 120*		*03/20/20 06:56*	*1*
Toluene-d8 (Surr)	*103*		*80 - 120*		*03/20/20 06:56*	*1*
Dibromofluoromethane (Surr)	*95*		*75 - 123*		*03/20/20 06:56*	*1*

Client Sample ID: DUP-031820
Lab Sample ID: 480-167621-9

Date Collected: 03/18/20 00:00
Matrix: Water
Date Received: 03/19/20 10:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		25		ug/L			03/20/20 17:04	5
1,1,2,2-Tetrachloroethane	ND		25		ug/L			03/20/20 17:04	5
1,1,2-Trichloroethane	ND		25		ug/L			03/20/20 17:04	5
1,1-Dichloroethane	ND		25		ug/L			03/20/20 17:04	5
1,1-Dichloroethene	ND		25		ug/L			03/20/20 17:04	5
1,2-Dichloroethane	ND	UJ	25		ug/L			03/20/20 17:04	5
1,2-Dichloropropane	ND		25		ug/L			03/20/20 17:04	5
2-Hexanone	ND		50		ug/L			03/20/20 17:04	5
Acetone	ND		50		ug/L			03/20/20 17:04	5
Benzene	ND		25		ug/L			03/20/20 17:04	5
Bromodichloromethane	ND		25		ug/L			03/20/20 17:04	5
Bromoform	ND		25		ug/L			03/20/20 17:04	5
Bromomethane	ND		25		ug/L			03/20/20 17:04	5
Carbon disulfide	ND		25		ug/L			03/20/20 17:04	5
Carbon tetrachloride	ND		25		ug/L			03/20/20 17:04	5
Chlorobenzene	ND		25		ug/L			03/20/20 17:04	5

Client Sample ID: DUP-031820
Lab Sample ID: 480-167621-9

Date Collected: 03/18/20 00:00
Matrix: Water
Date Received: 03/19/20 10:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloroethane	ND		25		ug/L			03/20/20 17:04	5
Chloroform	ND		25		ug/L			03/20/20 17:04	5
Chloromethane	ND		25		ug/L			03/20/20 17:04	5
cis-1,2-Dichloroethene	**110**		25		ug/L			03/20/20 17:04	5
cis-1,3-Dichloropropene	ND		25		ug/L			03/20/20 17:04	5
Dibromochloromethane	ND		25		ug/L			03/20/20 17:04	5
Dichlorodifluoromethane	ND		25		ug/L			03/20/20 17:04	5
Ethylbenzene	ND		25		ug/L			03/20/20 17:04	5
Methyl ethyl ketone (MEK)	ND		50		ug/L			03/20/20 17:04	5
Methyl isobutyl ketone (MIBK)	ND		50		ug/L			03/20/20 17:04	5
Methylene Chloride	ND		25		ug/L			03/20/20 17:04	5
Styrene	ND		25		ug/L			03/20/20 17:04	5
Tetrachloroethene	ND		25		ug/L			03/20/20 17:04	5
Toluene	ND		25		ug/L			03/20/20 17:04	5
trans-1,2-Dichloroethene	ND		25		ug/L			03/20/20 17:04	5
trans-1,3-Dichloropropene	ND		25		ug/L			03/20/20 17:04	5
Trichloroethene	ND		25		ug/L			03/20/20 17:04	5
Trichlorofluoromethane	ND		25		ug/L			03/20/20 17:04	5
Vinyl acetate	ND		25		ug/L			03/20/20 17:04	5
Vinyl chloride	ND		25		ug/L			03/20/20 17:04	5
Xylenes, Total	ND		25		ug/L			03/20/20 17:04	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*94*		*77 - 120*		*03/20/20 17:04*	*5*
4-Bromofluorobenzene (Surr)	*99*		*73 - 120*		*03/20/20 17:04*	*5*
Toluene-d8 (Surr)	*104*		*80 - 120*		*03/20/20 17:04*	*5*
Dibromofluoromethane (Surr)	*97*		*75 - 123*		*03/20/20 17:04*	*5*

Client Sample ID: TRIP BLANK
Lab Sample ID: 480-167621-10

Date Collected: 03/18/20 00:00
Matrix: Water
Date Received: 03/19/20 10:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.0		ug/L			03/20/20 07:43	1
1,1,2,2-Tetrachloroethane	ND		5.0		ug/L			03/20/20 07:43	1
1,1,2-Trichloroethane	ND		5.0		ug/L			03/20/20 07:43	1
1,1-Dichloroethane	ND		5.0		ug/L			03/20/20 07:43	1
1,1-Dichloroethene	ND		5.0		ug/L			03/20/20 07:43	1
1,2-Dichloroethane	ND		5.0		ug/L			03/20/20 07:43	1
1,2-Dichloropropane	ND		5.0		ug/L			03/20/20 07:43	1
2-Hexanone	ND		10		ug/L			03/20/20 07:43	1
Acetone	ND		10		ug/L			03/20/20 07:43	1
Benzene	ND		5.0		ug/L			03/20/20 07:43	1
Bromodichloromethane	ND		5.0		ug/L			03/20/20 07:43	1
Bromoform	ND		5.0		ug/L			03/20/20 07:43	1
Bromomethane	ND		5.0		ug/L			03/20/20 07:43	1
Carbon disulfide	ND		5.0		ug/L			03/20/20 07:43	1
Carbon tetrachloride	ND		5.0		ug/L			03/20/20 07:43	1
Chlorobenzene	ND		5.0		ug/L			03/20/20 07:43	1

Client: ARCADIS U.S. Inc
Project/Site: GTEOSI - Seneca Falls

Job ID: 480-167621-1

Client Sample ID: TRIP BLANK
Date Collected: 03/18/20 00:00
Date Received: 03/19/20 10:00

Lab Sample ID: 480-167621-10
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloroethane	ND		5.0		ug/L			03/20/20 07:43	1
Chloroform	ND		5.0		ug/L			03/20/20 07:43	1
Chloromethane	ND		5.0		ug/L			03/20/20 07:43	1
cis-1,2-Dichloroethene	ND		5.0		ug/L			03/20/20 07:43	1
cis-1,3-Dichloropropene	ND		5.0		ug/L			03/20/20 07:43	1
Dibromochloromethane	ND		5.0		ug/L			03/20/20 07:43	1
Dichlorodifluoromethane	ND		5.0		ug/L			03/20/20 07:43	1
Ethylbenzene	ND		5.0		ug/L			03/20/20 07:43	1
Methyl ethyl ketone (MEK)	ND	*	10		ug/L			03/20/20 07:43	1
Methyl isobutyl ketone (MIBK)	ND		10		ug/L			03/20/20 07:43	1
Methylene Chloride	ND		5.0		ug/L			03/20/20 07:43	1
Styrene	ND		5.0		ug/L			03/20/20 07:43	1
Tetrachloroethene	ND		5.0		ug/L			03/20/20 07:43	1
Toluene	ND		5.0		ug/L			03/20/20 07:43	1
trans-1,2-Dichloroethene	ND		5.0		ug/L			03/20/20 07:43	1
trans-1,3-Dichloropropene	ND		5.0		ug/L			03/20/20 07:43	1
Trichloroethene	ND		5.0		ug/L			03/20/20 07:43	1
Trichlorofluoromethane	ND		5.0		ug/L			03/20/20 07:43	1
Vinyl acetate	ND		5.0		ug/L			03/20/20 07:43	1
Vinyl chloride	ND		5.0		ug/L			03/20/20 07:43	1
Xylenes, Total	ND		5.0		ug/L			03/20/20 07:43	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*93*		*77 - 120*		*03/20/20 07:43*	*1*
4-Bromofluorobenzene (Surr)	*99*		*73 - 120*		*03/20/20 07:43*	*1*
Toluene-d8 (Surr)	*102*		*80 - 120*		*03/20/20 07:43*	*1*
Dibromofluoromethane (Surr)	*96*		*75 - 123*		*03/20/20 07:43*	*1*