



GTE Operations Support Incorporated
One Verizon Way (VC34W443)
Basking Ridge, New Jersey 07920-1097
908-559-3691

June 8, 2015

Mr. Chris Magee
New York State Department of Environmental Conservation
Division of Environmental Remediation
625 Broadway, 12th Floor
Albany, NY 12233-7017

Re: *April 2015 Semi-Annual Groundwater Sampling Event*

Dear Mr. Magee:

Attached are the April 2015 semi-annual groundwater sampling results for 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 the week of September 7, 2015.

Please call me at (908) 559-3691 if you have any questions.

Sincerely,

Matthew T. Walsh
Manager – Corporate Workplace Safety &
Environmental Compliance

cc:

Ms. Denise Radtke (NYSDEC)
Ms. Melissa Doroski (New York State Department of Health)
Mr. Nidal Azzam (USEPA)
Mr. Sam Ezekwo (USEPA)
Ms. Patricia Jones (Seneca County Industrial Development Agency)
Mr. Stephen Bregande (H.P. Neun)
Mr. J. Christopher Woods (H.P. Neun)
Ms. Anna Kunkel (Environmental Consultant)
Ms. Pam Cox (GTE Operations Support Incorporated)
Ms. Marzi Sharfaei (ARCADIS U.S., Inc.)
Mr. Daniel Lang (ARCADIS U.S., Inc.)

April 2015 Semi-Annual Groundwater Sampling

On April 1, 2015, ARCADIS U.S., Inc. measured depths to water in 17 monitoring wells and retrieved passive diffusion bags (PDBs) from eight monitoring wells where PDBs were deployed on September 25, 2014 (Figure 1). Samples were collected for volatile organic compound (VOC) analysis from PDBs retrieved from six shallow monitoring wells (MW-22 through MW-26, and MW-29), one weathered bedrock monitoring well (MW-BR-06), and one bedrock monitoring well (MW-BR-05). One trip blank and one duplicate sample were collected. The samples were shipped overnight to TestAmerica Laboratories, Inc., of Buffalo, New York. The samples were analyzed for VOCs using United States Environmental Protection Agency Method 8260C. Data Validation Services, Inc., of North Creek, New York, performed third-party data validation. Sample results are usable as reported or with minor qualification (Attachment A). Graphs of groundwater VOC analytical results are in Attachment B.

Table 1 provides depth to water measurements. Table 2 provides the April 2015 groundwater and quality assurance and quality control analytical results. VOC concentrations in the April 2015 samples were compared to the New York State Department of Environmental Conservation (NYSDEC) Class GA Standards.

- Trichloroethene (TCE) was reported at concentrations greater than the NYSDEC Class GA Standard of 5 micrograms per liter ($\mu\text{g/l}$) in samples from monitoring wells MW-22 through MW-26 and in the duplicate sample from monitoring well MW-25.
- *cis*-1,2-Dichloroethene (*cis*-1,2-DCE) was reported at concentrations greater than the NYSDEC Class GA Standard of 5 $\mu\text{g/l}$ in samples from monitoring wells MW-22 through MW-26, MW-29, and in the duplicate sample from monitoring well MW-25.
- Vinyl chloride was reported in the sample from monitoring well MW-29 at a concentration greater than the NYSDEC Class GA Standard of 2 $\mu\text{g/l}$.
- 1,1-Dichloroethane (1,1-DCA) was reported at a concentration greater than the NYSDEC Class GA Standard of 5 $\mu\text{g/l}$ in the sample from monitoring well MW-25 and in the duplicate sample from monitoring well MW-25.
- 1,2-Dichloroethane (1,2-DCA) was reported at a concentration greater than the NYSDEC Class GA Standard of 0.6 $\mu\text{g/l}$ in the sample from monitoring well MW-23.

On April 1, 2015, after groundwater samples were collected, new PDBs were deployed in the 14 monitoring wells scheduled for groundwater sampling in September 2015. The PDBs were installed in the middle of the well screen, consistent with previous sampling procedures.

Figures

Figure 1 – Monitoring Well Locations

Tables

Table 1 – Depth to Water Measurements

Table 2 – Groundwater Analytical Results (April 2015)

Attachments

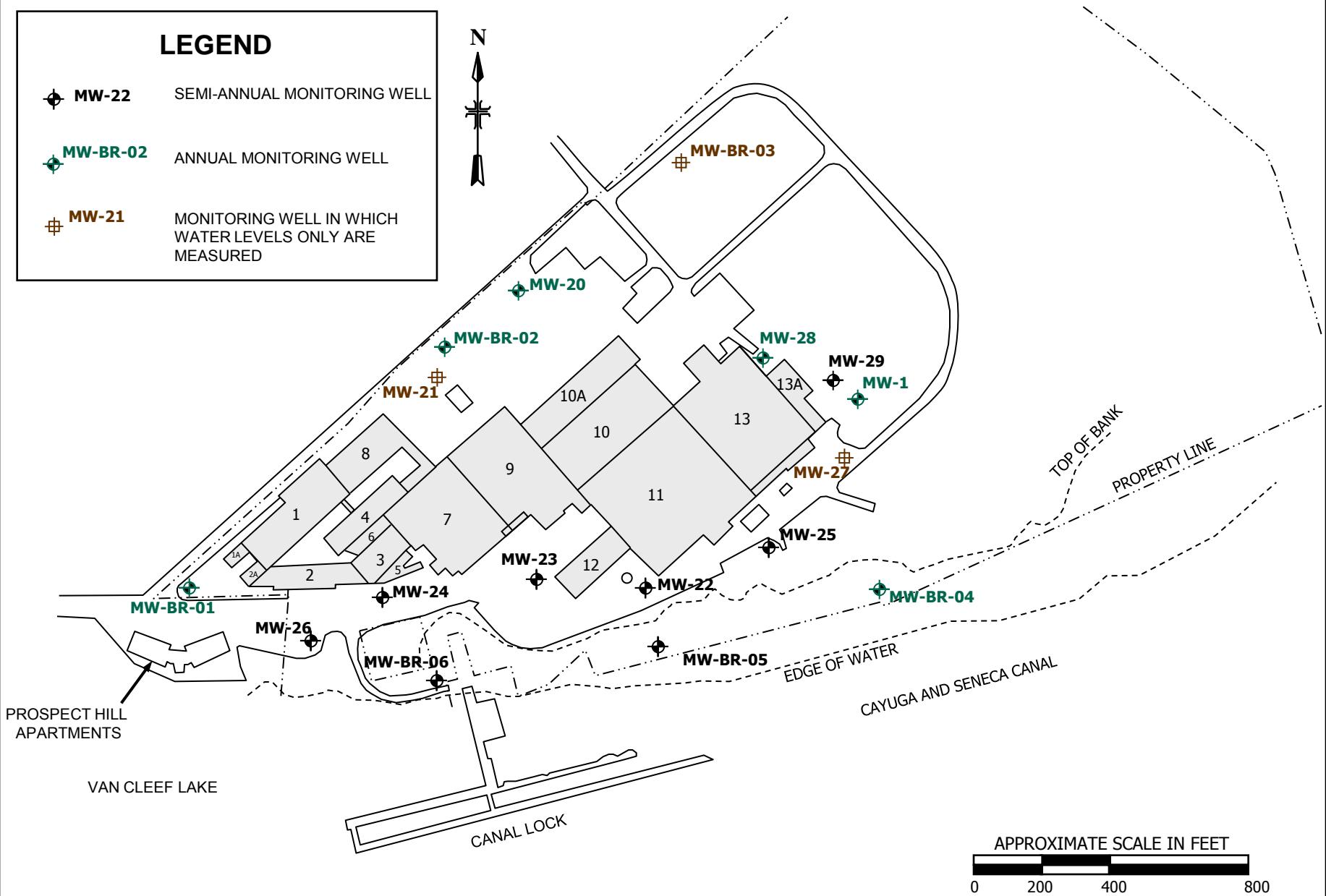
Data Validation Report

Groundwater VOC Concentration Graphs

Figures

LEGEND

- MW-22 SEMI-ANNUAL MONITORING WELL
- MW-BR-02 ANNUAL MONITORING WELL
- MW-21 MONITORING WELL IN WHICH WATER LEVELS ONLY ARE MEASURED



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	6.57	454.26
MW-20	463.42	0.57	462.85
MW-21	467.39	1.95	465.44
MW-22	460.77	5.46	455.31
MW-23	460.59	1.76	458.83
MW-24	462.76	2.78	459.98
MW-25	460.74	3.18	457.56
MW-26	458.80	2.98	455.82
MW-27	460.45	5.78	454.67
MW-28	461.26	5.99	455.27
MW-29	459.89	6.18	453.71
MW-BR-01	462.64	34.55	428.09
MW-BR-02	467.87	30.48	437.39
MW-BR-03	457.06	13.69	443.37
MW-BR-04	396.39	--	Artesian
MW-BR-05	401.34	21.63	379.71
MW-BR-06	436.30	34.73	401.57

Notes:

AMSL - Above mean sea level

NA - Not Applicable

Depth to water measurements were recorded April 1, 2015.

Table 2
 Groundwater Analytical Results (April 2015)
 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 DUPLICATE	MW-26	MW-29	MW-BR-05	MW-BR-06	TRIP BLANK
1,1,1-Trichloroethane	71-55-6	5	5 U	100 U	1000 U*	40 U	5 U	5 U	25 U	5 U	5 U	5 U
1,1,2,2-Tetrachloroethane	79-34-5	5	5 U	100 U	1000 U	40 U	5 U	5 U	25 U	5 U	5 U	5 U
1,1,2-Trichloroethane	79-00-5	1	5 U	100 U	1000 U	40 U	5 U	5 U	25 U	5 U	5 U	5 U
1,1-Dichloroethane	75-34-3	5	5 U	100 U	1000 U	17 J	15	0.40 J	25 U	5 U	5 U	5 U
1,1-Dichloroethene	75-35-4	5	5 U	100 U	1000 U*	40 U	2.3 J	5 U	25 U	5 U	5 U	5 U
1,2-Dichloroethane	107-06-2	0.6	5 U	5.1 J	1000 U	40 U	5 U	5 U	25 U	5 U	5 U	5 U
1,2-Dichloropropane	78-87-5	1	5 U	100 U	1000 U	40 U	5 U	5 U	25 U	5 U	5 U	5 U
2-Hexanone	591-78-6	50	10 U	200 U	2000 U	80 U	10 U	10 U	50 U	10 U	10 U	10 U
Acetone	67-64-1	50	3.7 J	200 U	2000 U	80 U	10 U	10 U	50 U	10 U	4.8 J	10 U
Benzene	71-43-2	1	5 U	100 U	1000 U	40 U	5 U	5 U	25 U	5 U	5 U	5 U
Bromodichloromethane	75-27-4	50	5 U	100 U	1000 U	40 U	5 U	5 U	25 U	5 U	5 U	5 U
Bromoform	75-25-2	50	5 U	100 U	1000 U	40 U	5 U	5 U	25 U	5 U	5 U	5 U
Bromomethane	74-83-9	5	5 U	100 U*	1000 U*	40 U	5 U*	5 U*	25 U	5 U	5 U	5 U
Carbon disulfide	75-15-0	60	5 UJ	100 U	1000 U*	40 UJ	5 U	5 U	25 UJ	5 UJ	5 UJ	5 UJ
Carbon tetrachloride	56-23-5	5	5 U	100 U	1000 U*	40 U	5 U	5 U	25 U	5 U	5 U	5 U
Chlorobenzene	108-90-7	5	5 U	100 U	1000 U	40 U	5 U	5 U	25 U	5 U	5 U	5 U
Chloroethane	75-00-3	5	5 U	100 U	1000 U*	40 U	5 U	5 U	25 U	5 U	5 U	5 U
Chloroform	67-66-3	7	5 U	100 U	1000 U	40 U	5 U	5 U	25 U	5 U	5 U	5 U
Chloromethane	74-87-3	5	5 U	100 U	1000 U*	40 U	5 U	5 U	25 U	5 U	5 U	5 U
cis-1,2-Dichloroethene	156-59-2	5	16	330	19000	190	180	49	210	5 U	3.4 J	5 U
cis-1,3-Dichloropropene	10061-01-5	0.4	5 U	100 U	1000 U	40 U	5 U	5 U	25 U	5 U	5 U	5 U
Dibromochloromethane	124-48-1	50	5 U	100 U	1000 U	40 U	5 U	5 U	25 U	5 U	5 U	5 U
Dichlorodifluoromethane	75-71-8	5	5 U	100 U	1000 U	40 U	5 U	5 U	25 U	5 U	5 U	5 U
Ethylbenzene	100-41-4	5	5 U	100 U	1000 U	40 U	5 U	5 U	25 U	5 U	5 U	5 U
2-Butanone (MEK)	78-93-3	50	10 U	200 U	2000 U	80 U	10 U	10 U	50 U	10 U	10 U	10 U
4-Methyl-2-pentanone (MIBK)	108-10-1	5	10 U	200 U	2000 U	80 U	10 U	10 U	50 U	10 U	10 U	10 U
Methylene Chloride	75-09-2	5	5 U	100 U	1000 U	40 U	5 U	5 U	25 U	5 U	5 U	5 U
Styrene	100-42-5	5	5 U	100 U	1000 U	40 U	5 U	5 U	25 U	5 U	5 U	5 U
Tetrachloroethene	127-18-4	5	5 U	100 U	1000 U	40 U	0.44 J	5 U	25 U	5 U	5 U	5 U
Toluene	108-88-3	5	5 U	100 U	1000 U	40 U	5 U	5 U	25 U	5 U	5 U	5 U
trans-1,2-Dichloroethene	156-60-5	5	5 U	100 U	1000 U	40 U	5 U	5 U	25 U	5 U	5 U	5 U
trans-1,3-Dichloropropene	10061-02-6	0.4	5 U	100 U	1000 U	40 U	5 U	5 U	25 U	5 U	5 U	5 U
Trichloroethene	79-01-6	5	6.3	1400	140 J	9.9 J	9.0	38	25 U	5 U	3.9 J	5 U
Trichlorofluoromethane	75-69-4	5	5 U	100 U	1000 U	40 U	5 U	5 U	25 U	5 U	5 U	5 U
Vinyl acetate	108-05-4	5	5 U	100 U	1000 U	40 U	5 U	5 U	25 U	5 U	5 U	5 U
Vinyl chloride	75-01-4	2	5 U	100 U	1000 U	40 U	5 U	5 U	9.8 J	5 U	5 U	5 U
Xylenes, Total	1330-20-7	5	5 U	100 U	1000 U	40 U	5 U	5 U	25 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.

J - Estimated

UJ - Not detected; the associated reported quantitation limit is estimated.

* - Matrix spike (MS), MS relative percent difference, laboratory control standard (LCS), and/or their duplicates exceed the control limits

Attachment A
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 27, 2015

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

RE: Validation of GTE-OSI--Seneca Falls, NY Site Data Package-Groundwaters
TAL-Buffalo SDG No. 480-77544-1

Dear Mr. Flusche:

Review has been completed for the data package generated by TestAmerica Laboratories that pertains to samples collected 04/01/15 at the GTE-OSI--Seneca Falls, NY site. 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 generally processed in compliance with stated protocols. Field sample results are usable either as reported or with minor qualification.

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 with recommended qualifications applied in red ink.

VOA Analyses by EPA 8260C

Matrix spikes (MSs) of MW-24 show recoveries and correlations that are within validation guidelines for the eleven evaluated analytes. The analytical protocol requires that all analytes be evaluated in MSs and LCSs. All analytes were spiked, and several analytes in the parent sample were flagged by the laboratory as showing outliers. Review of those specific parameters in the raw data indicated that the parent sample results are unaffected, and no qualification is required.

The elevated recovery for bromomethane observed in an LCS does not affect associated sample results.

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

Calibration standards show acceptable responses, with the exception of that for carbon disulfide (27%D) in the standard associated with MW-22, MW-25, MW-29, MW-BR05, MW-BR06 ,and Trip Blank. The results for this compound in those samples have been qualified as estimated, and may have a low bias.

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

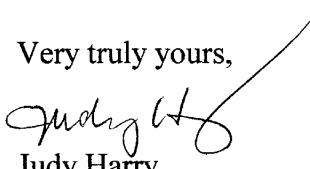
Results of analytes flagged by the laboratory as "E" have been edited to reflect the corresponding result from the dilution analyses, thus reflecting responses within the established linear ranges of the instrument.

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

Dilution factors are present on the run logs and raw instrument data, but the actual sample volumes used to derive the dilution factors used in the calculations are not recorded on the volatile worksheets (in fact they state full 5 mL volumes), and the dilution factors therefore cannot be independently verified.

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

Very truly yours,


Judy Harry

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.

**CLIENT and LABORATORY SAMPLE IDs
and CASE NARRATIVE**

SAMPLE SUMMARY

Client: ARCADIS U.S. Inc

Job Number: 480-77544-1

Lab Sample ID	Client Sample ID	Client Matrix	Date/Time Sampled	Date/Time Received
480-77544-1	MW-22	Water	04/01/2015 1210	04/02/2015 0350
480-77544-2	MW-23	Water	04/01/2015 0845	04/02/2015 0350
480-77544-3	MW-24	Water	04/01/2015 1145	04/02/2015 0350
480-77544-3MS	MW-24	Water	04/01/2015 1145	04/02/2015 0350
480-77544-3MSD	MW-24	Water	04/01/2015 1145	04/02/2015 0350
480-77544-4	MW-25	Water	04/01/2015 1220	04/02/2015 0350
480-77544-5	MW-26	Water	04/01/2015 1115	04/02/2015 0350
480-77544-6	MW-29	Water	04/01/2015 0930	04/02/2015 0350
480-77544-7	MW-BR-05	Water	04/01/2015 1410	04/02/2015 0350
480-77544-8	MW-BR-06	Water	04/01/2015 1130	04/02/2015 0350
480-77544-10	DUP-01	Water	04/01/2015 0000	04/02/2015 0350
480-77544-11	TRIP BLANK	Water	04/01/2015 0000	04/02/2015 0350

**Job Narrative
480-77544-1**

Comments

No additional comments.

Receipt

The samples were received on 4/2/2015 3:50 AM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 0.2° C.

GC/MS VOA

Method(s) 8260C: The laboratory control sample (LCS) for batch 234113 recovered outside control limits for the following analyte: Bromomethane. This was not a requested spike compound; therefore, the data have been qualified and reported. DUP-01 (480-77544-10), MW-23 (480-77544-2), MW-24 (480-77544-3), MW-24 (480-77544-3 MS), MW-24 (480-77544-3 MSD), MW-26 (480-77544-5)

Method(s) 8260C: The continuing calibration verification (CCV) associated with batch 234113 recovered above the upper control limit for Carbon tetrachloride, 1,1,1-Trichloroethane, Trichlorofluoromethane and Bromomethane. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The following samples are impacted: DUP-01 (480-77544-10), MW-23 (480-77544-2), MW-24 (480-77544-3), MW-24 (480-77544-3 MS), MW-24 (480-77544-3 MSD), MW-26 (480-77544-5).

Method(s) 8260C: The following samples were diluted to bring the concentration of target analytes within the calibration range: MW-23 (480-77544-2), MW-24 (480-77544-3), MW-24 (480-77544-3 MS), MW-24 (480-77544-3 MSD). Elevated reporting limits (RLs) are provided.

Method(s) 8260C: The following samples were diluted to bring the concentration of target analytes within the calibration range: MW-25 (480-77544-4), MW-29 (480-77544-6). Elevated reporting limits (RLs) are provided.

Method(s) 8260C: The continuing calibration verification (CCV) associated with batch 233907 recovered outside acceptance criteria, low biased, for Carbon disulfide. 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. MW-22 (480-77544-1), MW-25 (480-77544-4), MW-29 (480-77544-6), MW-BR-05 (480-77544-7), MW-BR-06 (480-77544-8), TRIP BLANK (480-77544-11).

Method(s) 8260C: The continuing calibration verification (CCV) associated with batch 234137 recovered above the upper control limit for Bromomethane, Carbon Tetrachloride, and Trichlorofluoromethane. 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-24 (480-77544-3).

Method(s) 8260C: The laboratory control sample (LCS) for batch 234137 recovered outside control limits for the following analyte: Bromomethane. The analyte was biased high in the LCS and was not detected in the associated samples; therefore, the data have been reported. MW-24 (480-77544-3).

Method(s) 8260C: The following samples were diluted to bring the concentration of target analytes within the calibration range: MW-24 (480-77544-3). Elevated reporting limits (RLs) are provided.

Method(s) 8260C: The following sample(s) was diluted to bring the concentration of target analytes within the calibration range: DUP-01 (480-77544-10). Elevated reporting limits (RLs) are provided.

Method(s) 8260C: The continuing calibration verification (CCV) associated with batch 234210 recovered above the upper control limit for the analytes Trichlorofluoromethane, 1,1,1-Trichloroethane and Carbon tetrachloride. The samples associated with this CCV were non-detect for the affected analytes; therefore, the data have been reported. The following samples are impacted: (CCVIS 480-234210/3).

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

QUALIFIED SAMPLE RESULTS FORMS

Analytical Data

Client: ARCADIS U.S. Inc

Job Number: 480-77544-1

Client Sample ID: MW-22

Lab Sample ID: 480-77544-1

Date Sampled: 04/01/2015 1210

Client Matrix: Water

Date Received: 04/02/2015 0350

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	480-233907	Instrument ID:	HP5973S
Prep Method:	5030C	Prep Batch:	N/A	Lab File ID:	S46517.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	04/03/2015 1231			Final Weight/Volume:	5 mL
Prep Date:	04/03/2015 1231				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,1,1-Trichloroethane	ND		0.82	5.0
1,1,2,2-Tetrachloroethane	ND		0.21	5.0
1,1,2-Trichloroethane	ND		0.23	5.0
1,1-Dichloroethane	ND		0.38	5.0
1,1-Dichloroethene	ND		0.29	5.0
1,2-Dichloroethane	ND		0.21	5.0
1,2-Dichloropropane	ND		0.72	5.0
2-Hexanone	ND		1.2	10
Methyl ethyl ketone (MEK)	ND		1.3	10
Methyl isobutyl ketone (MIBK)	ND		2.1	10
Acetone	3.7	J	3.0	10
Benzene	ND		0.41	5.0
Bromodichloromethane	ND		0.39	5.0
Bromoform	ND		0.26	5.0
Bromomethane	ND		0.69	5.0
Carbon disulfide	ND	UJ	0.19	5.0
Carbon tetrachloride	ND		0.27	5.0
Chlorobenzene	ND		0.75	5.0
Dibromochloromethane	ND		0.32	5.0
Chloroethane	ND		0.32	5.0
Chloroform	ND		0.34	5.0
Chloromethane	ND		0.35	5.0
cis-1,2-Dichloroethene	16		0.81	5.0
cis-1,3-Dichloropropene	ND		0.36	5.0
Dichlorodifluoromethane	ND		0.68	5.0
Ethylbenzene	ND		0.74	5.0
Methylene Chloride	ND		0.44	5.0
Styrene	ND		0.73	5.0
Tetrachloroethene	ND		0.36	5.0
Toluene	ND		0.51	5.0
trans-1,2-Dichloroethene	ND		0.90	5.0
trans-1,3-Dichloropropene	ND		0.37	5.0
Trichloroethene	6.3		0.46	5.0
Trichlorofluoromethane	ND		0.88	5.0
Vinyl chloride	ND		0.90	5.0
Xylenes, Total	ND		0.66	5.0
Vinyl acetate	ND		0.85	5.0
Surrogate	%Rec	Qualifier	Acceptance Limits	
1,2-Dichloroethane-d4 (Surr)	108		66 - 137	
Toluene-d8 (Surr)	102		71 - 126	
4-Bromofluorobenzene (Surr)	97		73 - 120	

Analytical Data

Client: ARCADIS U.S. Inc

Job Number: 480-77544-1

Client Sample ID: MW-23

Lab Sample ID: 480-77544-2

Date Sampled: 04/01/2015 0845

Client Matrix: Water

Date Received: 04/02/2015 0350

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	480-234113	Instrument ID:	HP5973S
Prep Method:	5030C	Prep Batch:	N/A	Lab File ID:	S46544.D
Dilution:	20			Initial Weight/Volume:	5 mL
Analysis Date:	04/03/2015 2253			Final Weight/Volume:	5 mL
Prep Date:	04/03/2015 2253				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,1,1-Trichloroethane	ND		16	100
1,1,2,2-Tetrachloroethane	ND		4.2	100
1,1,2-Trichloroethane	ND		4.6	100
1,1-Dichloroethane	ND		7.6	100
1,1-Dichloroethene	ND		5.8	100
1,2-Dichloroethane	5.1	J	4.2	100
1,2-Dichloropropane	ND		14	100
2-Hexanone	ND		25	200
Methyl ethyl ketone (MEK)	ND		26	200
Methyl isobutyl ketone (MIBK)	ND		42	200
Acetone	ND		60	200
Benzene	ND		8.2	100
Bromodichloromethane	ND		7.8	100
Bromoform	ND		5.2	100
Bromomethane	ND	*	14	100
Carbon disulfide	ND		3.8	100
Carbon tetrachloride	ND		5.4	100
Chlorobenzene	ND		15	100
Dibromochloromethane	ND		6.4	100
Chloroethane	ND		6.4	100
Chloroform	ND		6.8	100
Chloromethane	ND		7.0	100
cis-1,2-Dichloroethene	330		16	100
cis-1,3-Dichloropropene	ND		7.2	100
Dichlorodifluoromethane	ND		14	100
Ethylbenzene	ND		15	100
Methylene Chloride	ND		8.8	100
Styrene	ND		15	100
Tetrachloroethene	ND		7.2	100
Toluene	ND		10	100
trans-1,2-Dichloroethene	ND		18	100
trans-1,3-Dichloropropene	ND		7.4	100
Trichloroethene	1400		9.2	100
Trichlorofluoromethane	ND		18	100
Vinyl chloride	ND		18	100
Xylenes, Total	ND		13	100
Vinyl acetate	ND		17	100
Surrogate	%Rec	Qualifier	Acceptance Limits	
1,2-Dichloroethane-d4 (Surr)	113		66 - 137	
Toluene-d8 (Surr)	103		71 - 126	
4-Bromofluorobenzene (Surr)	96		73 - 120	

Analytical Data

Client: ARCADIS U.S. Inc

Job Number: 480-77544-1

Client Sample ID: **MW-24**

Lab Sample ID: 480-77544-3
Client Matrix: Water

Date Sampled: 04/01/2015 1145
Date Received: 04/02/2015 0350

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	480-234113	Instrument ID:	HP5973S
Prep Method:	5030C	Prep Batch:	N/A	Lab File ID:	S46545.D
Dilution:	200			Initial Weight/Volume:	5 mL
Analysis Date:	04/03/2015 2316			Final Weight/Volume:	5 mL
Prep Date:	04/03/2015 2316				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,1,1-Trichloroethane	ND		160	1000
1,1,2,2-Tetrachloroethane	ND		42	1000
1,1,2-Trichloroethane	ND		46	1000
1,1-Dichloroethane	ND		76	1000
1,1-Dichloroethene	ND	F2	58	1000
1,2-Dichloroethane	ND		42	1000
1,2-Dichloropropane	ND		140	1000
2-Hexanone	ND		250	2000
Methyl ethyl ketone (MEK)	ND		260	2000
Methyl isobutyl ketone (MIBK)	ND		420	2000
Acetone	ND		600	2000
Benzene	ND		82	1000
Bromodichloromethane	ND		78	1000
Bromoform	ND		52	1000
Bromomethane	ND	F2 F1 *	140	1000
Carbon disulfide	ND	F2	38	1000
Carbon tetrachloride	ND	F2	54	1000
Chlorobenzene	ND		150	1000
Dibromochloromethane	ND		64	1000
Chloroethane	ND	F2	64	1000
Chloroform	ND		68	1000
Chloromethane	ND	F2	70	1000
cis-1,2-Dichloroethene	21000- 19000	E--	160	1000
cis-1,3-Dichloropropene	ND		72	1000
Dichlorodifluoromethane	ND		140	1000
Ethylbenzene	ND		150	1000
Methylene Chloride	ND		88	1000
Styrene	ND		150	1000
Tetrachloroethene	ND		72	1000
Toluene	ND		100	1000
trans-1,2-Dichloroethene	ND		180	1000
trans-1,3-Dichloropropene	ND		74	1000
Trichloroethene	140	J	92	1000
Trichlorofluoromethane	ND		180	1000
Vinyl chloride	ND		180	1000
Xylenes, Total	ND		130	1000
Vinyl acetate	ND		170	1000
Surrogate	%Rec	Qualifier	Acceptance Limits	
1,2-Dichloroethane-d4 (Surr)	112		66 - 137	
Toluene-d8 (Surr)	100		71 - 126	
4-Bromofluorobenzene (Surr)	93		73 - 120	

Analytical Data

Client: ARCADIS U.S. Inc

Job Number: 480-77544-1

Client Sample ID: MW-25

Lab Sample ID: 480-77544-4

Date Sampled: 04/01/2015 1220

Client Matrix: Water

Date Received: 04/02/2015 0350

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	480-233907	Instrument ID:	HP5973S
Prep Method:	5030C	Prep Batch:	N/A	Lab File ID:	S46520.D
Dilution:	8.0			Initial Weight/Volume:	5 mL
Analysis Date:	04/03/2015 1340			Final Weight/Volume:	5 mL
Prep Date:	04/03/2015 1340				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,1,1-Trichloroethane	ND		6.6	40
1,1,2,2-Tetrachloroethane	ND		1.7	40
1,1,2-Trichloroethane	ND		1.8	40
1,1-Dichloroethane	17	J	3.0	40
1,1-Dichloroethene	ND		2.3	40
1,2-Dichloroethane	ND		1.7	40
1,2-Dichloropropane	ND		5.8	40
2-Hexanone	ND		9.9	80
Methyl ethyl ketone (MEK)	ND		11	80
Methyl isobutyl ketone (MIBK)	ND		17	80
Acetone	ND		24	80
Benzene	ND		3.3	40
Bromodichloromethane	ND		3.1	40
Bromoform	ND		2.1	40
Bromomethane	ND		5.5	40
Carbon disulfide	ND	UJ	1.5	40
Carbon tetrachloride	ND		2.2	40
Chlorobenzene	ND		6.0	40
Dibromochloromethane	ND		2.6	40
Chloroethane	ND		2.6	40
Chloroform	ND		2.7	40
Chloromethane	ND		2.8	40
cis-1,2-Dichloroethene	190		6.5	40
cis-1,3-Dichloropropene	ND		2.9	40
Dichlorodifluoromethane	ND		5.4	40
Ethylbenzene	ND		5.9	40
Methylene Chloride	ND		3.5	40
Styrene	ND		5.8	40
Tetrachloroethene	ND		2.9	40
Toluene	ND		4.1	40
trans-1,2-Dichloroethene	ND		7.2	40
trans-1,3-Dichloropropene	ND		3.0	40
Trichloroethene	9.9	J	3.7	40
Trichlorofluoromethane	ND		7.0	40
Vinyl chloride	ND		7.2	40
Xylenes, Total	ND		5.3	40
Vinyl acetate	ND		6.8	40
Surrogate	%Rec	Qualifier	Acceptance Limits	
1,2-Dichloroethane-d4 (Surr)	112		66 - 137	
Toluene-d8 (Surr)	101		71 - 126	
4-Bromofluorobenzene (Surr)	95		73 - 120	

Analytical Data

Client: ARCADIS U.S. Inc

Job Number: 480-77544-1

Client Sample ID: MW-26

Lab Sample ID: 480-77544-5

Date Sampled: 04/01/2015 1115

Client Matrix: Water

Date Received: 04/02/2015 0350

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	480-234113	Instrument ID:	HP5973S
Prep Method:	5030C	Prep Batch:	N/A	Lab File ID:	S46546.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	04/03/2015 2339			Final Weight/Volume:	5 mL
Prep Date:	04/03/2015 2339				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,1,1-Trichloroethane	ND		0.82	5.0
1,1,2,2-Tetrachloroethane	ND		0.21	5.0
1,1,2-Trichloroethane	ND		0.23	5.0
1,1-Dichloroethane	0.40	J	0.38	5.0
1,1-Dichloroethene	ND		0.29	5.0
1,2-Dichloroethane	ND		0.21	5.0
1,2-Dichloropropane	ND		0.72	5.0
2-Hexanone	ND		1.2	10
Methyl ethyl ketone (MEK)	ND		1.3	10
Methyl isobutyl ketone (MIBK)	ND		2.1	10
Acetone	ND		3.0	10
Benzene	ND		0.41	5.0
Bromodichloromethane	ND		0.39	5.0
Bromoform	ND		0.26	5.0
Bromomethane	ND	*	0.69	5.0
Carbon disulfide	ND		0.19	5.0
Carbon tetrachloride	ND		0.27	5.0
Chlorobenzene	ND		0.75	5.0
Dibromochloromethane	ND		0.32	5.0
Chloroethane	ND		0.32	5.0
Chloroform	ND		0.34	5.0
Chloromethane	ND		0.35	5.0
cis-1,2-Dichloroethene	49		0.81	5.0
cis-1,3-Dichloropropene	ND		0.36	5.0
Dichlorodifluoromethane	ND		0.68	5.0
Ethylbenzene	ND		0.74	5.0
Methylene Chloride	ND		0.44	5.0
Styrene	ND		0.73	5.0
Tetrachloroethene	ND		0.36	5.0
Toluene	ND		0.51	5.0
trans-1,2-Dichloroethene	ND		0.90	5.0
trans-1,3-Dichloropropene	ND		0.37	5.0
Trichloroethene	38		0.46	5.0
Trichlorofluoromethane	ND		0.88	5.0
Vinyl chloride	ND		0.90	5.0
Xylenes, Total	ND		0.66	5.0
Vinyl acetate	ND		0.85	5.0
Surrogate	%Rec	Qualifier	Acceptance Limits	
1,2-Dichloroethane-d4 (Surr)	112		66 - 137	
Toluene-d8 (Surr)	102		71 - 126	
4-Bromofluorobenzene (Surr)	93		73 - 120	

Analytical Data

Client: ARCADIS U.S. Inc

Job Number: 480-77544-1

Client Sample ID: **MW-29**

Lab Sample ID: 480-77544-6
Client Matrix: Water

Date Sampled: 04/01/2015 0930
Date Received: 04/02/2015 0350

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	480-233907	Instrument ID:	HP5973S
Prep Method:	5030C	Prep Batch:	N/A	Lab File ID:	S46522.D
Dilution:	5.0			Initial Weight/Volume:	5 mL
Analysis Date:	04/03/2015 1425			Final Weight/Volume:	5 mL
Prep Date:	04/03/2015 1425				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,1,1-Trichloroethane	ND		4.1	25
1,1,2,2-Tetrachloroethane	ND		1.1	25
1,1,2-Trichloroethane	ND		1.2	25
1,1-Dichloroethane	ND		1.9	25
1,1-Dichloroethene	ND		1.5	25
1,2-Dichloroethane	ND		1.1	25
1,2-Dichloropropane	ND		3.6	25
2-Hexanone	ND		6.2	50
Methyl ethyl ketone (MEK)	ND		6.6	50
Methyl isobutyl ketone (MIBK)	ND		11	50
Acetone	ND		15	50
Benzene	ND		2.1	25
Bromodichloromethane	ND		2.0	25
Bromoform	ND		1.3	25
Bromomethane	ND		3.5	25
Carbon disulfide	ND	UJ	0.95	25
Carbon tetrachloride	ND		1.4	25
Chlorobenzene	ND		3.8	25
Dibromochloromethane	ND		1.6	25
Chloroethane	ND		1.6	25
Chloroform	ND		1.7	25
Chloromethane	ND		1.8	25
cis-1,2-Dichloroethene	210		4.1	25
cis-1,3-Dichloropropene	ND		1.8	25
Dichlorodifluoromethane	ND		3.4	25
Ethylbenzene	ND		3.7	25
Methylene Chloride	ND		2.2	25
Styrene	ND		3.7	25
Tetrachloroethene	ND		1.8	25
Toluene	ND		2.6	25
trans-1,2-Dichloroethene	ND		4.5	25
trans-1,3-Dichloropropene	ND		1.9	25
Trichloroethene	ND		2.3	25
Trichlorofluoromethane	ND		4.4	25
Vinyl chloride	9.8	J	4.5	25
Xylenes, Total	ND		3.3	25
Vinyl acetate	ND		4.3	25
Surrogate	%Rec	Qualifier	Acceptance Limits	
1,2-Dichloroethane-d4 (Surr)	106		66 - 137	
Toluene-d8 (Surr)	101		71 - 126	
4-Bromofluorobenzene (Surr)	96		73 - 120	

Analytical Data

Client: ARCADIS U.S. Inc

Job Number: 480-77544-1

Client Sample ID: **MW-BR-05**

Lab Sample ID: 480-77544-7
Client Matrix: Water

Date Sampled: 04/01/2015 1410
Date Received: 04/02/2015 0350

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	480-233907	Instrument ID:	HP5973S
Prep Method:	5030C	Prep Batch:	N/A	Lab File ID:	S46523.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	04/03/2015 1448			Final Weight/Volume:	5 mL
Prep Date:	04/03/2015 1448				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,1,1-Trichloroethane	ND		0.82	5.0
1,1,2,2-Tetrachloroethane	ND		0.21	5.0
1,1,2-Trichloroethane	ND		0.23	5.0
1,1-Dichloroethane	ND		0.38	5.0
1,1-Dichloroethene	ND		0.29	5.0
1,2-Dichloroethane	ND		0.21	5.0
1,2-Dichloropropane	ND		0.72	5.0
2-Hexanone	ND		1.2	10
Methyl ethyl ketone (MEK)	ND		1.3	10
Methyl isobutyl ketone (MIBK)	ND		2.1	10
Acetone	ND		3.0	10
Benzene	ND		0.41	5.0
Bromodichloromethane	ND		0.39	5.0
Bromoform	ND		0.26	5.0
Bromomethane	ND		0.69	5.0
Carbon disulfide	ND	UJ	0.19	5.0
Carbon tetrachloride	ND		0.27	5.0
Chlorobenzene	ND		0.75	5.0
Dibromochloromethane	ND		0.32	5.0
Chloroethane	ND		0.32	5.0
Chloroform	ND		0.34	5.0
Chloromethane	ND		0.35	5.0
cis-1,2-Dichloroethene	ND		0.81	5.0
cis-1,3-Dichloropropene	ND		0.36	5.0
Dichlorodifluoromethane	ND		0.68	5.0
Ethylbenzene	ND		0.74	5.0
Methylene Chloride	ND		0.44	5.0
Styrene	ND		0.73	5.0
Tetrachloroethene	ND		0.36	5.0
Toluene	ND		0.51	5.0
trans-1,2-Dichloroethene	ND		0.90	5.0
trans-1,3-Dichloropropene	ND		0.37	5.0
Trichloroethene	ND		0.46	5.0
Trichlorofluoromethane	ND		0.88	5.0
Vinyl chloride	ND		0.90	5.0
Xylenes, Total	ND		0.66	5.0
Vinyl acetate	ND		0.85	5.0
Surrogate	%Rec	Qualifier	Acceptance Limits	
1,2-Dichloroethane-d4 (Surr)	109		66 - 137	
Toluene-d8 (Surr)	100		71 - 126	
4-Bromofluorobenzene (Surr)	96		73 - 120	

Analytical Data

Client: ARCADIS U.S. Inc

Job Number: 480-77544-1

Client Sample ID: **MW-BR-06**

Lab Sample ID: 480-77544-8
Client Matrix: Water

Date Sampled: 04/01/2015 1130
Date Received: 04/02/2015 0350

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	480-233907	Instrument ID:	HP5973S
Prep Method:	5030C	Prep Batch:	N/A	Lab File ID:	S46524.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	04/03/2015 1511			Final Weight/Volume:	5 mL
Prep Date:	04/03/2015 1511				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,1,1-Trichloroethane	ND		0.82	5.0
1,1,2,2-Tetrachloroethane	ND		0.21	5.0
1,1,2-Trichloroethane	ND		0.23	5.0
1,1-Dichloroethane	ND		0.38	5.0
1,1-Dichloroethene	ND		0.29	5.0
1,2-Dichloroethane	ND		0.21	5.0
1,2-Dichloropropane	ND		0.72	5.0
2-Hexanone	ND		1.2	10
Methyl ethyl ketone (MEK)	ND		1.3	10
Methyl isobutyl ketone (MIBK)	ND		2.1	10
Acetone	4.8	J	3.0	10
Benzene	ND		0.41	5.0
Bromodichloromethane	ND		0.39	5.0
Bromoform	ND		0.26	5.0
Bromomethane	ND		0.69	5.0
Carbon disulfide	ND	UJ	0.19	5.0
Carbon tetrachloride	ND		0.27	5.0
Chlorobenzene	ND		0.75	5.0
Dibromochloromethane	ND		0.32	5.0
Chloroethane	ND		0.32	5.0
Chloroform	ND		0.34	5.0
Chloromethane	ND		0.35	5.0
cis-1,2-Dichloroethene	3.4	J	0.81	5.0
cis-1,3-Dichloropropene	ND		0.36	5.0
Dichlorodifluoromethane	ND		0.68	5.0
Ethylbenzene	ND		0.74	5.0
Methylene Chloride	ND		0.44	5.0
Styrene	ND		0.73	5.0
Tetrachloroethene	ND		0.36	5.0
Toluene	ND		0.51	5.0
trans-1,2-Dichloroethene	ND		0.90	5.0
trans-1,3-Dichloropropene	ND		0.37	5.0
Trichloroethene	3.9	J	0.46	5.0
Trichlorofluoromethane	ND		0.88	5.0
Vinyl chloride	ND		0.90	5.0
Xylenes, Total	ND		0.66	5.0
Vinyl acetate	ND		0.85	5.0
Surrogate	%Rec	Qualifier	Acceptance Limits	
1,2-Dichloroethane-d4 (Surr)	112		66 - 137	
Toluene-d8 (Surr)	106		71 - 126	
4-Bromofluorobenzene (Surr)	99		73 - 120	

Analytical Data

Client: ARCADIS U.S. Inc

Job Number: 480-77544-1

Client Sample ID: DUP-01

Lab Sample ID: 480-77544-10

Date Sampled: 04/01/2015 0000

Client Matrix: Water

Date Received: 04/02/2015 0350

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	480-234113	Instrument ID:	HP5973S
Prep Method:	5030C	Prep Batch:	N/A	Lab File ID:	S46547.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	04/04/2015 0002			Final Weight/Volume:	5 mL
Prep Date:	04/04/2015 0002				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,1,1-Trichloroethane	ND		0.82	5.0
1,1,2,2-Tetrachloroethane	ND		0.21	5.0
1,1,2-Trichloroethane	ND		0.23	5.0
1,1-Dichloroethane	15		0.38	5.0
1,1-Dichloroethene	2.3	J	0.29	5.0
1,2-Dichloroethane	ND		0.21	5.0
1,2-Dichloropropane	ND		0.72	5.0
2-Hexanone	ND		1.2	10
Methyl ethyl ketone (MEK)	ND		1.3	10
Methyl isobutyl ketone (MIBK)	ND		2.1	10
Acetone	ND		3.0	10
Benzene	ND		0.41	5.0
Bromodichloromethane	ND		0.39	5.0
Bromoform	ND		0.26	5.0
Bromomethane	ND	*	0.69	5.0
Carbon disulfide	ND		0.19	5.0
Carbon tetrachloride	ND		0.27	5.0
Chlorobenzene	ND		0.75	5.0
Dibromochloromethane	ND		0.32	5.0
Chloroethane	ND		0.32	5.0
Chloroform	ND		0.34	5.0
Chloromethane	ND		0.35	5.0
cis-1,2-Dichloroethene	180	E--	0.81	5.0
cis-1,3-Dichloropropene	ND		0.36	5.0
Dichlorodifluoromethane	ND		0.68	5.0
Ethylbenzene	ND		0.74	5.0
Methylene Chloride	ND		0.44	5.0
Styrene	ND		0.73	5.0
Tetrachloroethene	0.44	J	0.36	5.0
Toluene	ND		0.51	5.0
trans-1,2-Dichloroethene	ND		0.90	5.0
trans-1,3-Dichloropropene	ND		0.37	5.0
Trichloroethene	9.0		0.46	5.0
Trichlorofluoromethane	ND		0.88	5.0
Vinyl chloride	ND		0.90	5.0
Xylenes, Total	ND		0.66	5.0
Vinyl acetate	ND		0.85	5.0
Surrogate	%Rec	Qualifier	Acceptance Limits	
1,2-Dichloroethane-d4 (Surr)	106		66 - 137	
Toluene-d8 (Surr)	104		71 - 126	
4-Bromofluorobenzene (Surr)	94		73 - 120	

Analytical Data

Client: ARCADIS U.S. Inc

Job Number: 480-77544-1

Client Sample ID: TRIP BLANK

Lab Sample ID: 480-77544-11
Client Matrix: Water

Date Sampled: 04/01/2015 0000
Date Received: 04/02/2015 0350

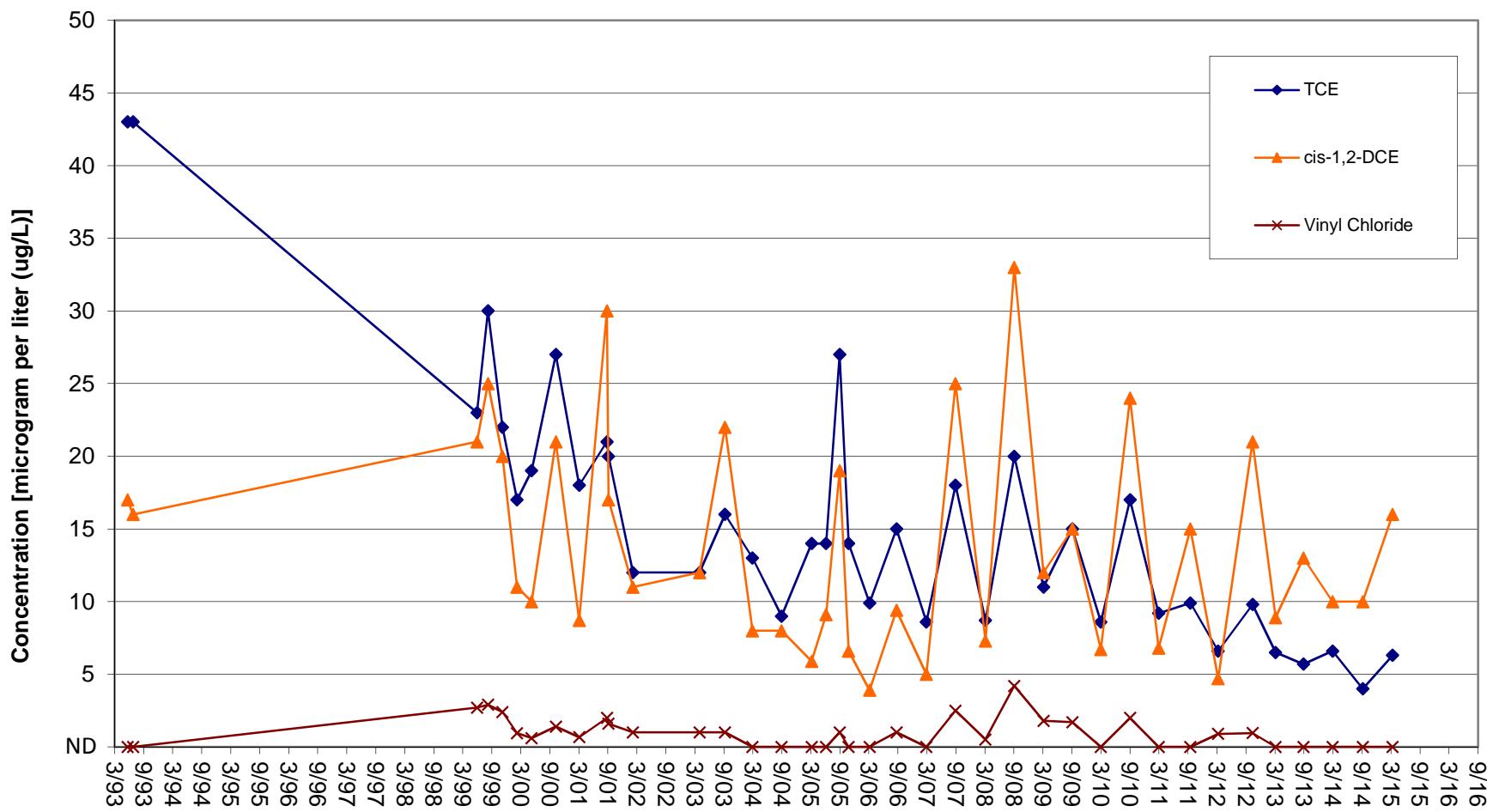
8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	480-233907	Instrument ID:	HP5973S
Prep Method:	5030C	Prep Batch:	N/A	Lab File ID:	S46526.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	04/03/2015 1557			Final Weight/Volume:	5 mL
Prep Date:	04/03/2015 1557				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,1,1-Trichloroethane	ND		0.82	5.0
1,1,2,2-Tetrachloroethane	ND		0.21	5.0
1,1,2-Trichloroethane	ND		0.23	5.0
1,1-Dichloroethane	ND		0.38	5.0
1,1-Dichloroethene	ND		0.29	5.0
1,2-Dichloroethane	ND		0.21	5.0
1,2-Dichloropropane	ND		0.72	5.0
2-Hexanone	ND		1.2	10
Methyl ethyl ketone (MEK)	ND		1.3	10
Methyl isobutyl ketone (MIBK)	ND		2.1	10
Acetone	ND		3.0	10
Benzene	ND		0.41	5.0
Bromodichloromethane	ND		0.39	5.0
Bromoform	ND		0.26	5.0
Bromomethane	ND		0.69	5.0
Carbon disulfide	ND	UJ	0.19	5.0
Carbon tetrachloride	ND		0.27	5.0
Chlorobenzene	ND		0.75	5.0
Dibromochloromethane	ND		0.32	5.0
Chloroethane	ND		0.32	5.0
Chloroform	ND		0.34	5.0
Chloromethane	ND		0.35	5.0
cis-1,2-Dichloroethene	ND		0.81	5.0
cis-1,3-Dichloropropene	ND		0.36	5.0
Dichlorodifluoromethane	ND		0.68	5.0
Ethylbenzene	ND		0.74	5.0
Methylene Chloride	ND		0.44	5.0
Styrene	ND		0.73	5.0
Tetrachloroethene	ND		0.36	5.0
Toluene	ND		0.51	5.0
trans-1,2-Dichloroethene	ND		0.90	5.0
trans-1,3-Dichloropropene	ND		0.37	5.0
Trichloroethene	ND		0.46	5.0
Trichlorofluoromethane	ND		0.88	5.0
Vinyl chloride	ND		0.90	5.0
Xylenes, Total	ND		0.66	5.0
Vinyl acetate	ND		0.85	5.0
Surrogate	%Rec	Qualifier	Acceptance Limits	
1,2-Dichloroethane-d4 (Surr)	104		66 - 137	
Toluene-d8 (Surr)	99		71 - 126	
4-Bromofluorobenzene (Surr)	93		73 - 120	

Attachment B
Groundwater VOC Concentration Graphs

MW-22



Notes:

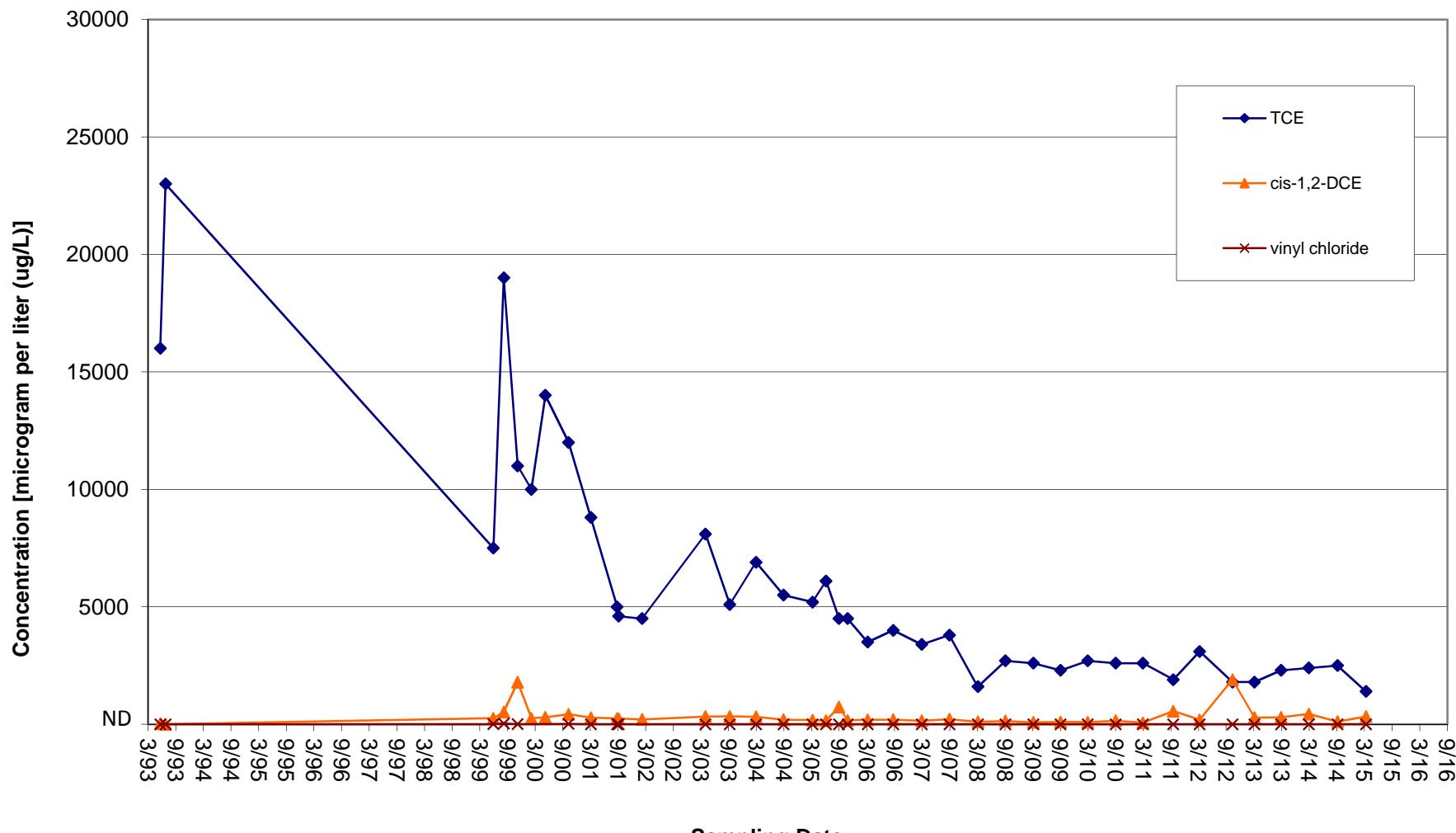
ND - Not detected.

Reporting limit is 5 ug/L.

Results less than the reporting limit are estimated.

Volatile organic compounds not shown were analyzed but not reported by the laboratory.

MW-23



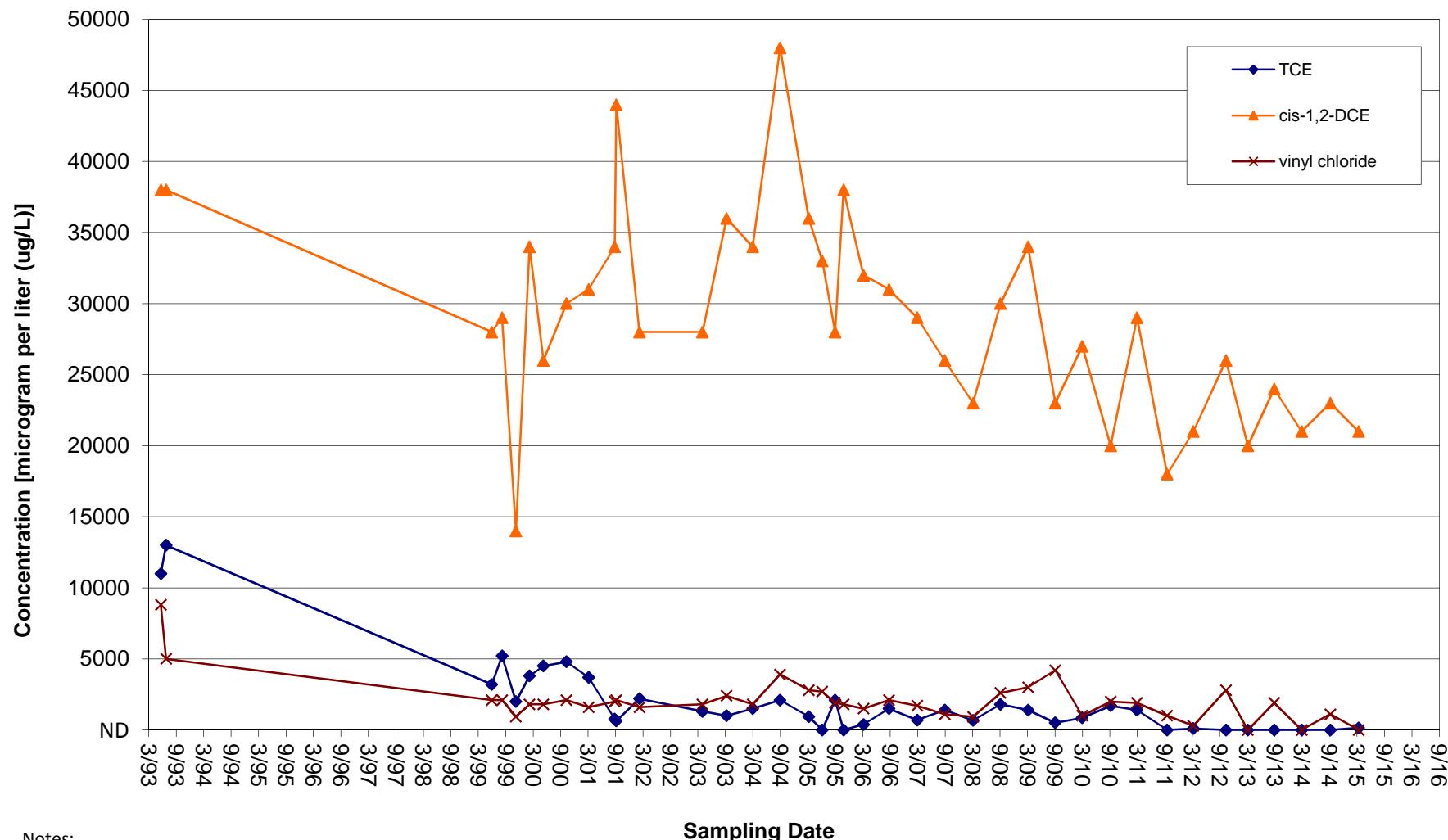
Notes:

ND - Not detected.

Reporting limit is variable.

Volatile organic compounds not shown were analyzed but not reported by the laboratory.

MW-24



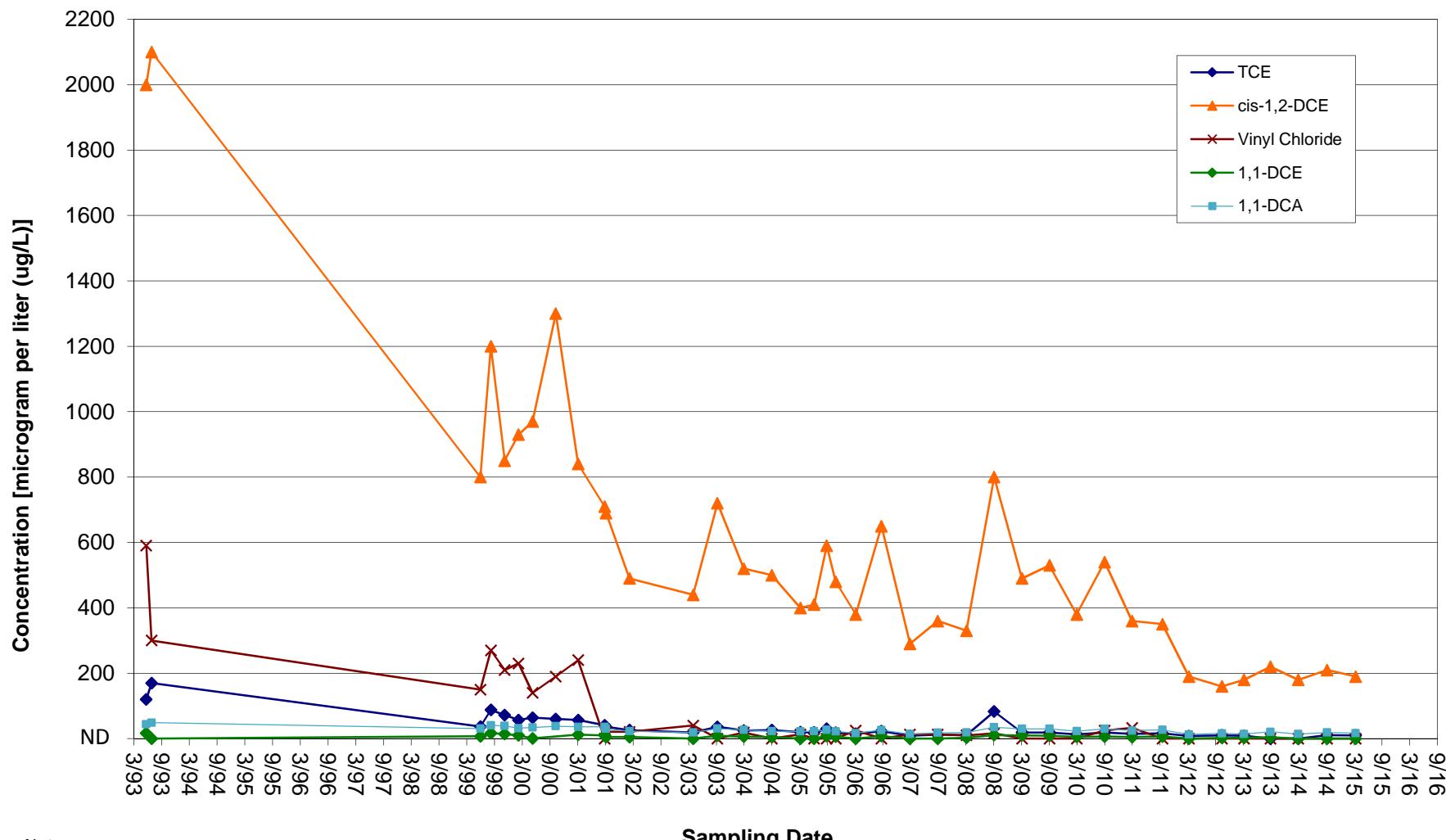
Notes:

ND - Not detected.

Reporting limit is variable.

Volatile organic comopunds not shown were analyzed but not reported by the laboratory.

MW-25



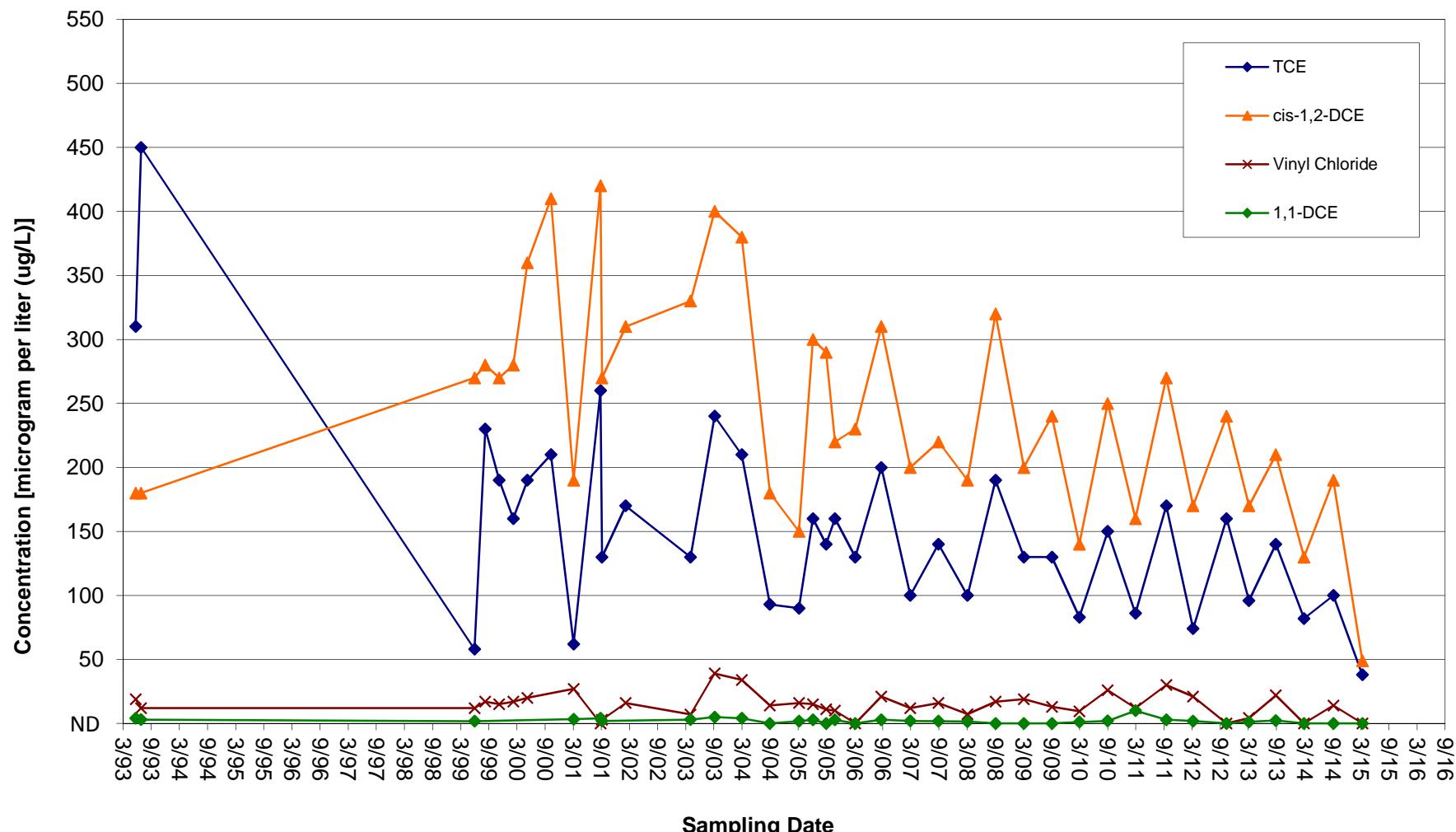
Notes:

ND - Not detected.

Reporting limit is variable.

Volatile organic compounds not shown were analyzed but not reported by the laboratory.

MW-26



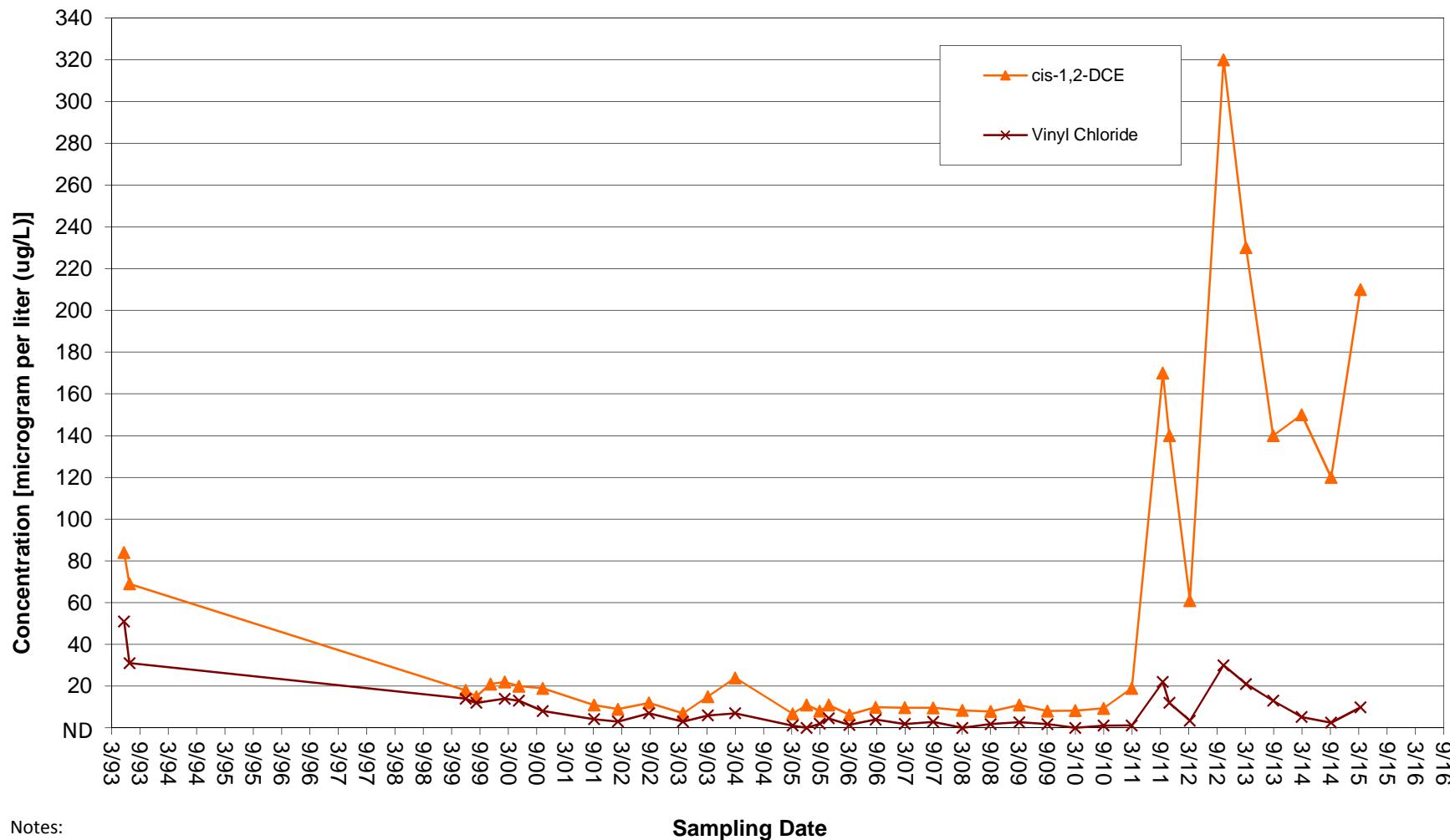
Notes:

ND - Not detected.

Reporting limit is variable.

Volatile organic compounds not shown were analyzed but not reported by the laboratory.

MW-29



Notes:

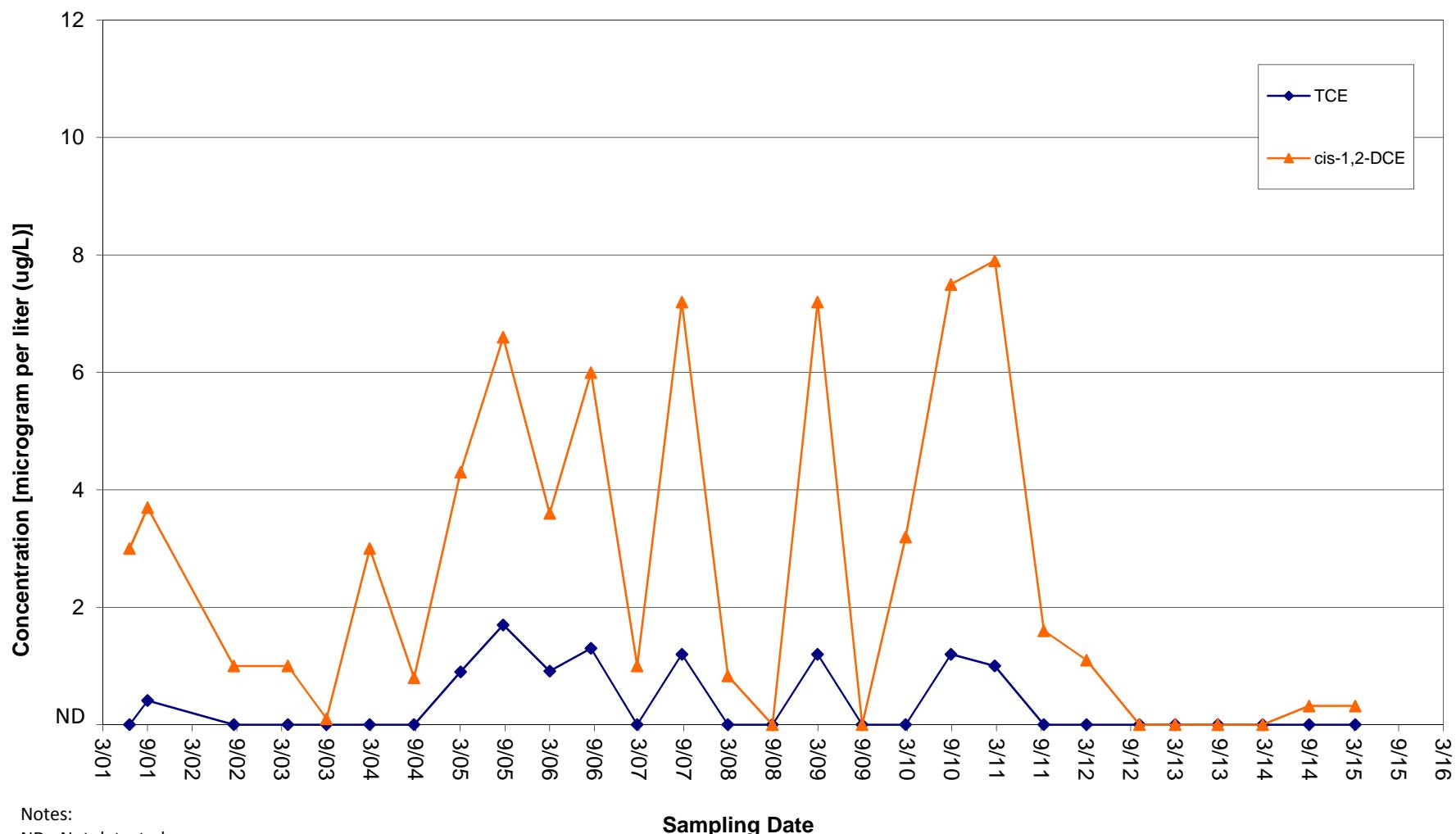
ND - Not detected.

Reporting limit is 5 ug/L.

Results less than the reporting limit are estimated.

Volatile organic compounds not shown were analyzed but not reported by the laboratory.

MW-BR-05



Notes:

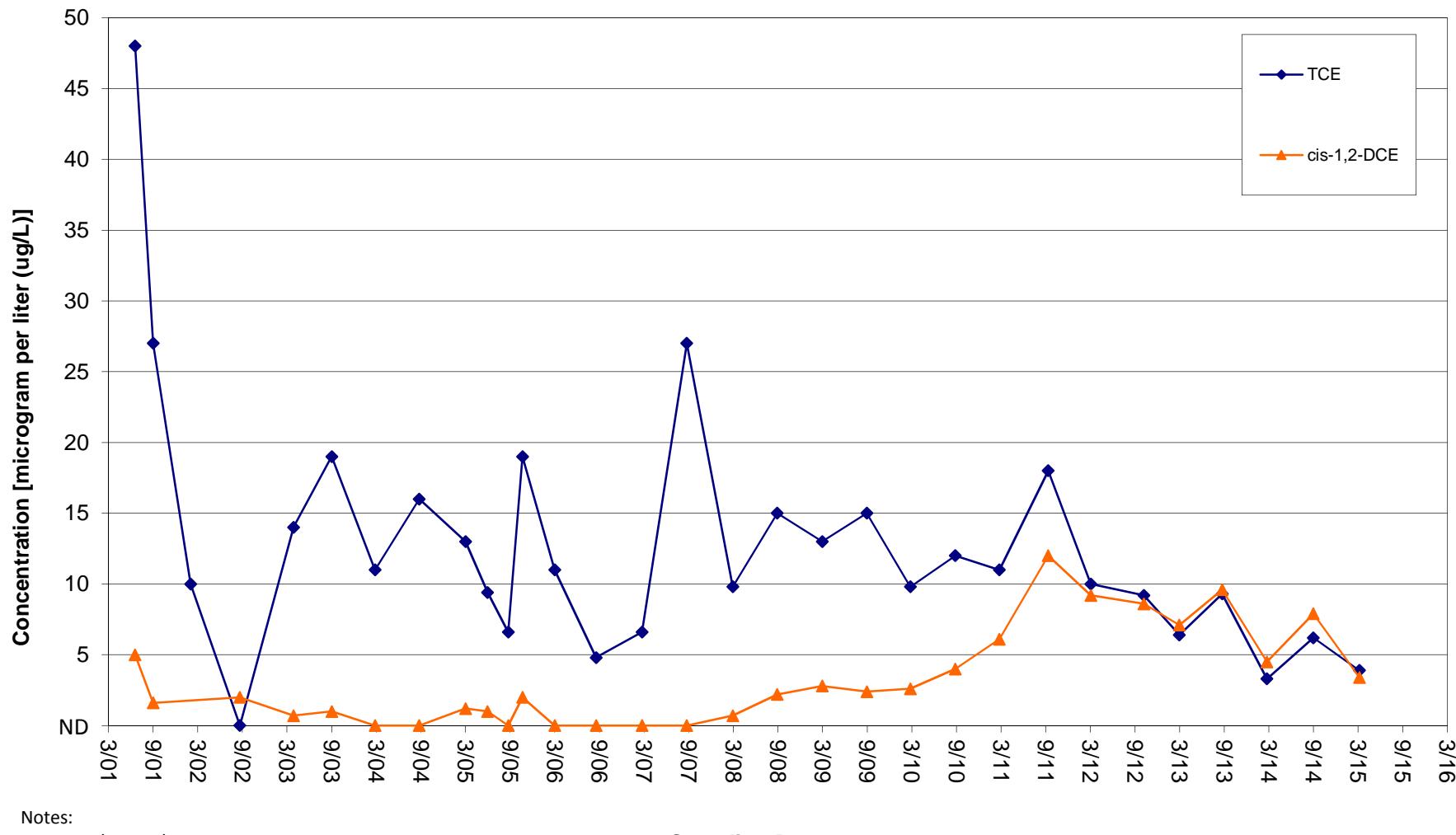
ND - Not detected.

Reporting limit is 5 ug/L.

Results less than the reporting limit are estimated.

Volatile organic comopunds not shown were analyzed but not reported by the laboratory.

MW-BR-06



Notes:

ND - Not detected.

Reporting limit is 5 ug/L.

Results less than the reporting limit are estimated.

Volatile organic compounds not shown were analyzed but not reported by the laboratory.