

**State of Wisconsin**  
**DEPARTMENT OF NATURAL RESOURCES**  
**Plymouth Service Center**  
**1155 Pilgrim Road**  
**Plymouth WI 53073**

**Tony Evers, Governor**  
**Preston D. Cole, Secretary**  
Telephone 608-266-2621  
Toll Free 1-888-936-7463  
TTY Access via relay - 711



September 30, 2020

Mr. Vijay Seth & Ms. Barbara A. Seth  
1114 Bridge St.  
Grafton, WI 53024

**SUBJECT:** Vapor Intrusion and Groundwater Sampling  
Related to former Quality Cleaners, 1226 11<sup>th</sup> Avenue, Grafton, WI  
BRRTS #: 02-46-560212, FID #: 246166470

Dear Mr. Vijay Seth & Ms. Barbara A. Seth,

Included are the findings of a recent groundwater sampling adjacent to your property located at 1233 12<sup>th</sup> Ave., Grafton conducted by the Wisconsin Department of Natural Resources (DNR). This investigation was conducted because of the potential for contaminant vapors from the nearby former Quality Cleaners property, identified above, to migrate through soils, accumulate beneath the foundation of your building, and possibly enter your indoor air. The contaminants of concern at the former Quality Cleaners property is PCE and its daughter product, TCE. The history of this site and the potential concerns to neighboring residents were described in detail in the original letter sent to you, dated January 18, 2019, *Request for Access Agreement for Sampling at 1233 12<sup>th</sup> Ave., Grafton*.

The Department of Natural Resources had its contractor AECOM collect groundwater samples at the former Quality Cleaners property in order to help determine if additional sampling or other action is warranted in your building. Results for PCE and TCE were below historical low concentrations for these contaminants in groundwater near your building. That data coupled with results from three rounds of vapor sampling at your building lead the DNR to the conclusion that at this time, there does not appear to be a risk of PCE and TCE vapor entering your property from beneath the foundation. No additional sampling is planned by the DNR. AECOM will contact you to schedule abandonment of the vapor sampling pins.

Please call me, the DNR project manager, at 920-893-8523, or via email at [johnm.feeney@wisconsin.gov](mailto:johnm.feeney@wisconsin.gov) if you have any questions. Please direct health related questions to Mr. Curtis Hedman at the Department of Health and Human Services at 608-266-6677, or email at [Curtis.Hedman@wisconsin.gov](mailto:Curtis.Hedman@wisconsin.gov). Thank you for your help in this matter.

Sincerely,

John Feeney, PG  
Hydrogeologist  
Remediation & Redevelopment Program

BRRTS #: 02-46-560212  
September 30, 2020

Page 2

Cc: Mr. Tory Schultz, AECOM (electronic)  
Mr. Curtis Hedman, DHS (electronic)

Attachments: Groundwater Laboratory Analytical Sheets for Groundwater at former Quality Cleaners

May 08, 2020

Tory Schultz  
AECOM  
1555 North Rivercenter Drive  
Suite 214  
Milwaukee, WI 53212

RE: Project: 60602996 GRAFTON VI  
Pace Project No.: 40206683

Dear Tory Schultz:

Enclosed are the analytical results for sample(s) received by the laboratory on April 23, 2020. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise noted in the body of the report.

The test results provided in this final report were generated by each of the following laboratories within the Pace Network:

- Pace Analytical Services - Green Bay

If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Christopher Hyska  
christopher.hyska@pacelabs.com  
(920)469-2436  
Project Manager

Enclosures

cc: Leo B. Linnemanstons, P.G., AECOM, Inc  
Joel Mackinney, AECOM  
Lisa Smith, AECOM, Inc.



## REPORT OF LABORATORY ANALYSIS

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## CERTIFICATIONS

Project: 60602996 GRAFTON VI

Pace Project No.: 40206683

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### **Pace Analytical Services Green Bay**

1241 Bellevue Street, Green Bay, WI 54302

Florida/NELAP Certification #: E87948

Illinois Certification #: 200050

Kentucky UST Certification #: 82

Louisiana Certification #: 04168

Minnesota Certification #: 055-999-334

New York Certification #: 12064

North Dakota Certification #: R-150

Virginia VELAP ID: 460263

South Carolina Certification #: 83006001

Texas Certification #: T104704529-14-1

Wisconsin Certification #: 405132750

Wisconsin DATCP Certification #: 105-444

USDA Soil Permit #: P330-16-00157

Federal Fish & Wildlife Permit #: LE51774A-0

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## REPORT OF LABORATORY ANALYSIS

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## SAMPLE SUMMARY

Project: 60602996 GRAFTON VI

Pace Project No.: 40206683

Lab ID	Sample ID	Matrix	Date Collected	Date Received
40206683001	TB20200422	Water	04/22/20 11:00	04/23/20 09:00
40206683002	FB20200422	Water	04/22/20 11:10	04/23/20 09:00
40206683003	MW-1-042220	Water	04/22/20 11:20	04/23/20 09:00
40206683004	MW-2-042220	Water	04/22/20 11:30	04/23/20 09:00

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### SAMPLE ANALYTE COUNT

Project: 60602996 GRAFTON VI  
Pace Project No.: 40206683

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
40206683001	TB20200422	EPA 8260	HNW	45	PASI-G
40206683002	FB20200422	EPA 8260	HNW	45	PASI-G
40206683003	MW-1-042220	EPA 8260	HNW	45	PASI-G
40206683004	MW-2-042220	EPA 8260	HNW	45	PASI-G

PASI-G = Pace Analytical Services - Green Bay

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### SUMMARY OF DETECTION

Project: 60602996 GRAFTON VI

Pace Project No.: 40206683

Lab Sample ID Method	Client Sample ID Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
<b>40206683002</b>	<b>FB20200422</b>					
EPA 8260	Acetone	3.4J	ug/L	20.0	04/27/20 13:53	
EPA 8260	Chloromethane	10.7	ug/L	7.3	04/27/20 13:53	
<b>40206683003</b>	<b>MW-1-042220</b>					
EPA 8260	Tetrachloroethene	7.7	ug/L	1.1	04/27/20 23:42	
<b>40206683004</b>	<b>MW-2-042220</b>					
EPA 8260	Tetrachloroethene	2.4	ug/L	1.1	04/28/20 00:03	

### REPORT OF LABORATORY ANALYSIS

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### ANALYTICAL RESULTS

Project: 60602996 GRAFTON VI  
Pace Project No.: 40206683

**Sample: TB20200422**      **Lab ID: 40206683001**      Collected: 04/22/20 11:00      Received: 04/23/20 09:00      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
1,1,1-Trichloroethane	<0.24	ug/L	1.0	0.24	1		04/27/20 09:36	71-55-6	
1,1,2-Trichloroethane	<0.55	ug/L	5.0	0.55	1		04/27/20 09:36	79-00-5	
1,1-Dichloroethane	<0.27	ug/L	1.0	0.27	1		04/27/20 09:36	75-34-3	
1,1-Dichloroethene	<0.24	ug/L	1.0	0.24	1		04/27/20 09:36	75-35-4	
1,2-Dibromo-3-chloropropane	<1.8	ug/L	5.9	1.8	1		04/27/20 09:36	96-12-8	
1,2-Dibromoethane (EDB)	<0.83	ug/L	2.8	0.83	1		04/27/20 09:36	106-93-4	
1,2-Dichlorobenzene	<0.71	ug/L	2.4	0.71	1		04/27/20 09:36	95-50-1	
1,2-Dichloroethane	<0.28	ug/L	1.0	0.28	1		04/27/20 09:36	107-06-2	
1,2-Dichloropropane	<0.28	ug/L	1.0	0.28	1		04/27/20 09:36	78-87-5	
1,3-Dichlorobenzene	<0.63	ug/L	2.1	0.63	1		04/27/20 09:36	541-73-1	
1,4-Dichlorobenzene	<0.94	ug/L	3.1	0.94	1		04/27/20 09:36	106-46-7	
2-Butanone (MEK)	<2.9	ug/L	20.0	2.9	1		04/27/20 09:36	78-93-3	
Acetone	<2.7	ug/L	20.0	2.7	1		04/27/20 09:36	67-64-1	
Benzene	<0.25	ug/L	1.0	0.25	1		04/27/20 09:36	71-43-2	
Bromodichloromethane	<0.36	ug/L	1.2	0.36	1		04/27/20 09:36	75-27-4	
Bromoform	<4.0	ug/L	13.2	4.0	1		04/27/20 09:36	75-25-2	
Bromomethane	<0.97	ug/L	5.0	0.97	1		04/27/20 09:36	74-83-9	
Carbon disulfide	<0.45	ug/L	1.5	0.45	1		04/27/20 09:36	75-15-0	
Carbon tetrachloride	<1.1	ug/L	3.6	1.1	1		04/27/20 09:36	56-23-5	
Chlorobenzene	<0.71	ug/L	2.4	0.71	1		04/27/20 09:36	108-90-7	
Chloroethane	<1.3	ug/L	5.0	1.3	1		04/27/20 09:36	75-00-3	
Chloroform	<1.3	ug/L	5.0	1.3	1		04/27/20 09:36	67-66-3	
Chloromethane	<2.2	ug/L	7.3	2.2	1		04/27/20 09:36	74-87-3	
Dibromochloromethane	<2.6	ug/L	8.7	2.6	1		04/27/20 09:36	124-48-1	
Dibromomethane	<0.94	ug/L	3.1	0.94	1		04/27/20 09:36	74-95-3	
Dichlorodifluoromethane	<0.50	ug/L	5.0	0.50	1		04/27/20 09:36	75-71-8	
Ethylbenzene	<0.32	ug/L	1.1	0.32	1		04/27/20 09:36	100-41-4	
Methyl-tert-butyl ether	<1.2	ug/L	4.2	1.2	1		04/27/20 09:36	1634-04-4	
Methylene Chloride	<0.58	ug/L	5.0	0.58	1		04/27/20 09:36	75-09-2	
Naphthalene	<1.2	ug/L	5.0	1.2	1		04/27/20 09:36	91-20-3	
Styrene	<3.0	ug/L	10.0	3.0	1		04/27/20 09:36	100-42-5	
Tetrachloroethene	<0.33	ug/L	1.1	0.33	1		04/27/20 09:36	127-18-4	
Tetrahydrofuran	<2.3	ug/L	20.0	2.3	1		04/27/20 09:36	109-99-9	
Toluene	<0.27	ug/L	0.90	0.27	1		04/27/20 09:36	108-88-3	
Trichloroethene	<0.26	ug/L	1.0	0.26	1		04/27/20 09:36	79-01-6	
Trichlorofluoromethane	<0.21	ug/L	1.0	0.21	1		04/27/20 09:36	75-69-4	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		04/27/20 09:36	75-01-4	
Xylene (Total)	<1.5	ug/L	3.0	1.5	1		04/27/20 09:36	1330-20-7	
cis-1,2-Dichloroethene	<0.27	ug/L	1.0	0.27	1		04/27/20 09:36	156-59-2	
cis-1,3-Dichloropropene	<3.6	ug/L	12.1	3.6	1		04/27/20 09:36	10061-01-5	
trans-1,2-Dichloroethene	<0.46	ug/L	1.5	0.46	1		04/27/20 09:36	156-60-5	
trans-1,3-Dichloropropene	<4.4	ug/L	14.6	4.4	1		04/27/20 09:36	10061-02-6	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	94	%	70-130		1		04/27/20 09:36	460-00-4	HS
Dibromofluoromethane (S)	97	%	70-130		1		04/27/20 09:36	1868-53-7	

### REPORT OF LABORATORY ANALYSIS

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## ANALYTICAL RESULTS

Project: 60602996 GRAFTON VI

Pace Project No.: 40206683

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**Sample: TB20200422**      **Lab ID: 40206683001**      Collected: 04/22/20 11:00      Received: 04/23/20 09:00      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
<b>Surrogates</b>									
Toluene-d8 (S)	103	%	70-130		1		04/27/20 09:36	2037-26-5	

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### ANALYTICAL RESULTS

Project: 60602996 GRAFTON VI  
Pace Project No.: 40206683

**Sample: FB20200422**      **Lab ID: 40206683002**      Collected: 04/22/20 11:10      Received: 04/23/20 09:00      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
1,1,1-Trichloroethane	<0.24	ug/L	1.0	0.24	1		04/27/20 13:53	71-55-6	
1,1,2-Trichloroethane	<0.55	ug/L	5.0	0.55	1		04/27/20 13:53	79-00-5	
1,1-Dichloroethane	<0.27	ug/L	1.0	0.27	1		04/27/20 13:53	75-34-3	
1,1-Dichloroethene	<0.24	ug/L	1.0	0.24	1		04/27/20 13:53	75-35-4	
1,2-Dibromo-3-chloropropane	<1.8	ug/L	5.9	1.8	1		04/27/20 13:53	96-12-8	
1,2-Dibromoethane (EDB)	<0.83	ug/L	2.8	0.83	1		04/27/20 13:53	106-93-4	
1,2-Dichlorobenzene	<0.71	ug/L	2.4	0.71	1		04/27/20 13:53	95-50-1	
1,2-Dichloroethane	<0.28	ug/L	1.0	0.28	1		04/27/20 13:53	107-06-2	
1,2-Dichloropropane	<0.28	ug/L	1.0	0.28	1		04/27/20 13:53	78-87-5	
1,3-Dichlorobenzene	<0.63	ug/L	2.1	0.63	1		04/27/20 13:53	541-73-1	
1,4-Dichlorobenzene	<0.94	ug/L	3.1	0.94	1		04/27/20 13:53	106-46-7	
2-Butanone (MEK)	<2.9	ug/L	20.0	2.9	1		04/27/20 13:53	78-93-3	
Acetone	3.4J	ug/L	20.0	2.7	1		04/27/20 13:53	67-64-1	
Benzene	<0.25	ug/L	1.0	0.25	1		04/27/20 13:53	71-43-2	
Bromodichloromethane	<0.36	ug/L	1.2	0.36	1		04/27/20 13:53	75-27-4	
Bromoform	<4.0	ug/L	13.2	4.0	1		04/27/20 13:53	75-25-2	
Bromomethane	<0.97	ug/L	5.0	0.97	1		04/27/20 13:53	74-83-9	
Carbon disulfide	<0.45	ug/L	1.5	0.45	1		04/27/20 13:53	75-15-0	
Carbon tetrachloride	<1.1	ug/L	3.6	1.1	1		04/27/20 13:53	56-23-5	
Chlorobenzene	<0.71	ug/L	2.4	0.71	1		04/27/20 13:53	108-90-7	
Chloroethane	<1.3	ug/L	5.0	1.3	1		04/27/20 13:53	75-00-3	
Chloroform	<1.3	ug/L	5.0	1.3	1		04/27/20 13:53	67-66-3	
Chloromethane	10.7	ug/L	7.3	2.2	1		04/27/20 13:53	74-87-3	
Dibromochloromethane	<2.6	ug/L	8.7	2.6	1		04/27/20 13:53	124-48-1	
Dibromomethane	<0.94	ug/L	3.1	0.94	1		04/27/20 13:53	74-95-3	
Dichlorodifluoromethane	<0.50	ug/L	5.0	0.50	1		04/27/20 13:53	75-71-8	
Ethylbenzene	<0.32	ug/L	1.1	0.32	1		04/27/20 13:53	100-41-4	
Methyl-tert-butyl ether	<1.2	ug/L	4.2	1.2	1		04/27/20 13:53	1634-04-4	
Methylene Chloride	<0.58	ug/L	5.0	0.58	1		04/27/20 13:53	75-09-2	
Naphthalene	<1.2	ug/L	5.0	1.2	1		04/27/20 13:53	91-20-3	
Styrene	<3.0	ug/L	10.0	3.0	1		04/27/20 13:53	100-42-5	
Tetrachloroethene	<0.33	ug/L	1.1	0.33	1		04/27/20 13:53	127-18-4	
Tetrahydrofuran	<2.3	ug/L	20.0	2.3	1		04/27/20 13:53	109-99-9	
Toluene	<0.27	ug/L	0.90	0.27	1		04/27/20 13:53	108-88-3	
Trichloroethene	<0.26	ug/L	1.0	0.26	1		04/27/20 13:53	79-01-6	
Trichlorofluoromethane	<0.21	ug/L	1.0	0.21	1		04/27/20 13:53	75-69-4	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		04/27/20 13:53	75-01-4	
Xylene (Total)	<1.5	ug/L	3.0	1.5	1		04/27/20 13:53	1330-20-7	
cis-1,2-Dichloroethene	<0.27	ug/L	1.0	0.27	1		04/27/20 13:53	156-59-2	
cis-1,3-Dichloropropene	<3.6	ug/L	12.1	3.6	1		04/27/20 13:53	10061-01-5	
trans-1,2-Dichloroethene	<0.46	ug/L	1.5	0.46	1		04/27/20 13:53	156-60-5	
trans-1,3-Dichloropropene	<4.4	ug/L	14.6	4.4	1		04/27/20 13:53	10061-02-6	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	93	%	70-130		1		04/27/20 13:53	460-00-4	
Dibromofluoromethane (S)	98	%	70-130		1		04/27/20 13:53	1868-53-7	

### REPORT OF LABORATORY ANALYSIS

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## ANALYTICAL RESULTS

Project: 60602996 GRAFTON VI

Pace Project No.: 40206683

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**Sample: FB20200422**      **Lab ID: 40206683002**      Collected: 04/22/20 11:10      Received: 04/23/20 09:00      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
<b>Surrogates</b>									
Toluene-d8 (S)	98	%	70-130		1		04/27/20 13:53	2037-26-5	

## REPORT OF LABORATORY ANALYSIS

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### ANALYTICAL RESULTS

Project: 60602996 GRAFTON VI  
Pace Project No.: 40206683

**Sample: MW-1-042220**      **Lab ID: 40206683003**      Collected: 04/22/20 11:20      Received: 04/23/20 09:00      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
1,1,1-Trichloroethane	<0.24	ug/L	1.0	0.24	1		04/27/20 23:42	71-55-6	
1,1,2-Trichloroethane	<0.55	ug/L	5.0	0.55	1		04/27/20 23:42	79-00-5	
1,1-Dichloroethane	<0.27	ug/L	1.0	0.27	1		04/27/20 23:42	75-34-3	
1,1-Dichloroethene	<0.24	ug/L	1.0	0.24	1		04/27/20 23:42	75-35-4	
1,2-Dibromo-3-chloropropane	<1.8	ug/L	5.9	1.8	1		04/27/20 23:42	96-12-8	
1,2-Dibromoethane (EDB)	<0.83	ug/L	2.8	0.83	1		04/27/20 23:42	106-93-4	
1,2-Dichlorobenzene	<0.71	ug/L	2.4	0.71	1		04/27/20 23:42	95-50-1	
1,2-Dichloroethane	<0.28	ug/L	1.0	0.28	1		04/27/20 23:42	107-06-2	
1,2-Dichloropropane	<0.28	ug/L	1.0	0.28	1		04/27/20 23:42	78-87-5	
1,3-Dichlorobenzene	<0.63	ug/L	2.1	0.63	1		04/27/20 23:42	541-73-1	
1,4-Dichlorobenzene	<0.94	ug/L	3.1	0.94	1		04/27/20 23:42	106-46-7	
2-Butanone (MEK)	<2.9	ug/L	20.0	2.9	1		04/27/20 23:42	78-93-3	
Acetone	<2.7	ug/L	20.0	2.7	1		04/27/20 23:42	67-64-1	
Benzene	<0.25	ug/L	1.0	0.25	1		04/27/20 23:42	71-43-2	
Bromodichloromethane	<0.36	ug/L	1.2	0.36	1		04/27/20 23:42	75-27-4	
Bromoform	<4.0	ug/L	13.2	4.0	1		04/27/20 23:42	75-25-2	
Bromomethane	<0.97	ug/L	5.0	0.97	1		04/27/20 23:42	74-83-9	
Carbon disulfide	<0.45	ug/L	1.5	0.45	1		04/27/20 23:42	75-15-0	
Carbon tetrachloride	<1.1	ug/L	3.6	1.1	1		04/27/20 23:42	56-23-5	
Chlorobenzene	<0.71	ug/L	2.4	0.71	1		04/27/20 23:42	108-90-7	
Chloroethane	<1.3	ug/L	5.0	1.3	1		04/27/20 23:42	75-00-3	
Chloroform	<1.3	ug/L	5.0	1.3	1		04/27/20 23:42	67-66-3	
Chloromethane	<2.2	ug/L	7.3	2.2	1		04/27/20 23:42	74-87-3	
Dibromochloromethane	<2.6	ug/L	8.7	2.6	1		04/27/20 23:42	124-48-1	
Dibromomethane	<0.94	ug/L	3.1	0.94	1		04/27/20 23:42	74-95-3	
Dichlorodifluoromethane	<0.50	ug/L	5.0	0.50	1		04/27/20 23:42	75-71-8	
Ethylbenzene	<0.32	ug/L	1.1	0.32	1		04/27/20 23:42	100-41-4	
Methyl-tert-butyl ether	<1.2	ug/L	4.2	1.2	1		04/27/20 23:42	1634-04-4	
Methylene Chloride	<0.58	ug/L	5.0	0.58	1		04/27/20 23:42	75-09-2	
Naphthalene	<1.2	ug/L	5.0	1.2	1		04/27/20 23:42	91-20-3	
Styrene	<3.0	ug/L	10.0	3.0	1		04/27/20 23:42	100-42-5	
Tetrachloroethene	7.7	ug/L	1.1	0.33	1		04/27/20 23:42	127-18-4	
Tetrahydrofuran	<2.3	ug/L	20.0	2.3	1		04/27/20 23:42	109-99-9	
Toluene	<0.27	ug/L	0.90	0.27	1		04/27/20 23:42	108-88-3	
Trichloroethene	<0.26	ug/L	1.0	0.26	1		04/27/20 23:42	79-01-6	
Trichlorofluoromethane	<0.21	ug/L	1.0	0.21	1		04/27/20 23:42	75-69-4	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		04/27/20 23:42	75-01-4	
Xylene (Total)	<1.5	ug/L	3.0	1.5	1		04/27/20 23:42	1330-20-7	
cis-1,2-Dichloroethene	<0.27	ug/L	1.0	0.27	1		04/27/20 23:42	156-59-2	
cis-1,3-Dichloropropene	<3.6	ug/L	12.1	3.6	1		04/27/20 23:42	10061-01-5	
trans-1,2-Dichloroethene	<0.46	ug/L	1.5	0.46	1		04/27/20 23:42	156-60-5	
trans-1,3-Dichloropropene	<4.4	ug/L	14.6	4.4	1		04/27/20 23:42	10061-02-6	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	89	%	70-130		1		04/27/20 23:42	460-00-4	
Dibromofluoromethane (S)	96	%	70-130		1		04/27/20 23:42	1868-53-7	

### REPORT OF LABORATORY ANALYSIS

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### ANALYTICAL RESULTS

Project: 60602996 GRAFTON VI

Pace Project No.: 40206683

**Sample: MW-1-042220**      **Lab ID: 40206683003**      Collected: 04/22/20 11:20      Received: 04/23/20 09:00      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
<b>Surrogates</b>									
Toluene-d8 (S)	103	%	70-130		1		04/27/20 23:42	2037-26-5	

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### ANALYTICAL RESULTS

Project: 60602996 GRAFTON VI  
Pace Project No.: 40206683

**Sample: MW-2-042220**      **Lab ID: 40206683004**      Collected: 04/22/20 11:30      Received: 04/23/20 09:00      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
1,1,1-Trichloroethane	<0.24	ug/L	1.0	0.24	1		04/28/20 00:03	71-55-6	
1,1,2-Trichloroethane	<0.55	ug/L	5.0	0.55	1		04/28/20 00:03	79-00-5	
1,1-Dichloroethane	<0.27	ug/L	1.0	0.27	1		04/28/20 00:03	75-34-3	
1,1-Dichloroethene	<0.24	ug/L	1.0	0.24	1		04/28/20 00:03	75-35-4	
1,2-Dibromo-3-chloropropane	<1.8	ug/L	5.9	1.8	1		04/28/20 00:03	96-12-8	
1,2-Dibromoethane (EDB)	<0.83	ug/L	2.8	0.83	1		04/28/20 00:03	106-93-4	
1,2-Dichlorobenzene	<0.71	ug/L	2.4	0.71	1		04/28/20 00:03	95-50-1	
1,2-Dichloroethane	<0.28	ug/L	1.0	0.28	1		04/28/20 00:03	107-06-2	
1,2-Dichloropropane	<0.28	ug/L	1.0	0.28	1		04/28/20 00:03	78-87-5	
1,3-Dichlorobenzene	<0.63	ug/L	2.1	0.63	1		04/28/20 00:03	541-73-1	
1,4-Dichlorobenzene	<0.94	ug/L	3.1	0.94	1		04/28/20 00:03	106-46-7	
2-Butanone (MEK)	<2.9	ug/L	20.0	2.9	1		04/28/20 00:03	78-93-3	
Acetone	<2.7	ug/L	20.0	2.7	1		04/28/20 00:03	67-64-1	
Benzene	<0.25	ug/L	1.0	0.25	1		04/28/20 00:03	71-43-2	
Bromodichloromethane	<0.36	ug/L	1.2	0.36	1		04/28/20 00:03	75-27-4	
Bromoform	<4.0	ug/L	13.2	4.0	1		04/28/20 00:03	75-25-2	
Bromomethane	<0.97	ug/L	5.0	0.97	1		04/28/20 00:03	74-83-9	
Carbon disulfide	<0.45	ug/L	1.5	0.45	1		04/28/20 00:03	75-15-0	
Carbon tetrachloride	<1.1	ug/L	3.6	1.1	1		04/28/20 00:03	56-23-5	
Chlorobenzene	<0.71	ug/L	2.4	0.71	1		04/28/20 00:03	108-90-7	
Chloroethane	<1.3	ug/L	5.0	1.3	1		04/28/20 00:03	75-00-3	
Chloroform	<1.3	ug/L	5.0	1.3	1		04/28/20 00:03	67-66-3	
Chloromethane	<2.2	ug/L	7.3	2.2	1		04/28/20 00:03	74-87-3	
Dibromochloromethane	<2.6	ug/L	8.7	2.6	1		04/28/20 00:03	124-48-1	
Dibromomethane	<0.94	ug/L	3.1	0.94	1		04/28/20 00:03	74-95-3	
Dichlorodifluoromethane	<0.50	ug/L	5.0	0.50	1		04/28/20 00:03	75-71-8	
Ethylbenzene	<0.32	ug/L	1.1	0.32	1		04/28/20 00:03	100-41-4	
Methyl-tert-butyl ether	<1.2	ug/L	4.2	1.2	1		04/28/20 00:03	1634-04-4	
Methylene Chloride	<0.58	ug/L	5.0	0.58	1		04/28/20 00:03	75-09-2	
Naphthalene	<1.2	ug/L	5.0	1.2	1		04/28/20 00:03	91-20-3	
Styrene	<3.0	ug/L	10.0	3.0	1		04/28/20 00:03	100-42-5	
Tetrachloroethene	2.4	ug/L	1.1	0.33	1		04/28/20 00:03	127-18-4	
Tetrahydrofuran	<2.3	ug/L	20.0	2.3	1		04/28/20 00:03	109-99-9	
Toluene	<0.27	ug/L	0.90	0.27	1		04/28/20 00:03	108-88-3	
Trichloroethene	<0.26	ug/L	1.0	0.26	1		04/28/20 00:03	79-01-6	
Trichlorofluoromethane	<0.21	ug/L	1.0	0.21	1		04/28/20 00:03	75-69-4	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		04/28/20 00:03	75-01-4	
Xylene (Total)	<1.5	ug/L	3.0	1.5	1		04/28/20 00:03	1330-20-7	
cis-1,2-Dichloroethene	<0.27	ug/L	1.0	0.27	1		04/28/20 00:03	156-59-2	
cis-1,3-Dichloropropene	<3.6	ug/L	12.1	3.6	1		04/28/20 00:03	10061-01-5	
trans-1,2-Dichloroethene	<0.46	ug/L	1.5	0.46	1		04/28/20 00:03	156-60-5	
trans-1,3-Dichloropropene	<4.4	ug/L	14.6	4.4	1		04/28/20 00:03	10061-02-6	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	91	%	70-130		1		04/28/20 00:03	460-00-4	
Dibromofluoromethane (S)	98	%	70-130		1		04/28/20 00:03	1868-53-7	

### REPORT OF LABORATORY ANALYSIS

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### ANALYTICAL RESULTS

Project: 60602996 GRAFTON VI

Pace Project No.: 40206683

**Sample: MW-2-042220**      **Lab ID: 40206683004**      Collected: 04/22/20 11:30      Received: 04/23/20 09:00      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
<b>Surrogates</b>									
Toluene-d8 (S)	103	%	70-130		1		04/28/20 00:03	2037-26-5	

### REPORT OF LABORATORY ANALYSIS

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### QUALITY CONTROL DATA

Project: 60602996 GRAFTON VI  
Pace Project No.: 40206683

QC Batch: 353329 Analysis Method: EPA 8260  
QC Batch Method: EPA 8260 Analysis Description: 8260 MSV  
Laboratory: Pace Analytical Services - Green Bay

Associated Lab Samples: 40206683001, 40206683002, 40206683003, 40206683004

METHOD BLANK: 2045484 Matrix: Water  
Associated Lab Samples: 40206683001, 40206683002, 40206683003, 40206683004

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1-Trichloroethane	ug/L	<0.24	1.0	04/27/20 08:10	
1,1,2-Trichloroethane	ug/L	<0.55	5.0	04/27/20 08:10	
1,1-Dichloroethane	ug/L	<0.27	1.0	04/27/20 08:10	
1,1-Dichloroethene	ug/L	<0.24	1.0	04/27/20 08:10	
1,2-Dibromo-3-chloropropane	ug/L	<1.8	5.9	04/27/20 08:10	
1,2-Dibromoethane (EDB)	ug/L	<0.83	2.8	04/27/20 08:10	
1,2-Dichlorobenzene	ug/L	<0.71	2.4	04/27/20 08:10	
1,2-Dichloroethane	ug/L	<0.28	1.0	04/27/20 08:10	
1,2-Dichloropropane	ug/L	<0.28	1.0	04/27/20 08:10	
1,3-Dichlorobenzene	ug/L	<0.63	2.1	04/27/20 08:10	
1,4-Dichlorobenzene	ug/L	<0.94	3.1	04/27/20 08:10	
2-Butanone (MEK)	ug/L	<2.9	20.0	04/27/20 08:10	
Acetone	ug/L	<2.7	20.0	04/27/20 08:10	
Benzene	ug/L	<0.25	1.0	04/27/20 08:10	
Bromodichloromethane	ug/L	<0.36	1.2	04/27/20 08:10	
Bromoform	ug/L	<4.0	13.2	04/27/20 08:10	
Bromomethane	ug/L	<0.97	5.0	04/27/20 08:10	
Carbon disulfide	ug/L	<0.45	1.5	04/27/20 08:10	
Carbon tetrachloride	ug/L	<1.1	3.6	04/27/20 08:10	
Chlorobenzene	ug/L	<0.71	2.4	04/27/20 08:10	
Chloroethane	ug/L	<1.3	5.0	04/27/20 08:10	
Chloroform	ug/L	<1.3	5.0	04/27/20 08:10	
Chloromethane	ug/L	<2.2	7.3	04/27/20 08:10	
cis-1,2-Dichloroethene	ug/L	<0.27	1.0	04/27/20 08:10	
cis-1,3-Dichloropropene	ug/L	<3.6	12.1	04/27/20 08:10	
Dibromochloromethane	ug/L	<2.6	8.7	04/27/20 08:10	
Dibromomethane	ug/L	<0.94	3.1	04/27/20 08:10	
Dichlorodifluoromethane	ug/L	<0.50	5.0	04/27/20 08:10	
Ethylbenzene	ug/L	<0.32	1.1	04/27/20 08:10	
Methyl-tert-butyl ether	ug/L	<1.2	4.2	04/27/20 08:10	
Methylene Chloride	ug/L	<0.58	5.0	04/27/20 08:10	
Naphthalene	ug/L	<1.2	5.0	04/27/20 08:10	
Styrene	ug/L	<3.0	10.0	04/27/20 08:10	
Tetrachloroethene	ug/L	<0.33	1.1	04/27/20 08:10	
Tetrahydrofuran	ug/L	<2.3	20.0	04/27/20 08:10	
Toluene	ug/L	<0.27	0.90	04/27/20 08:10	
trans-1,2-Dichloroethene	ug/L	<0.46	1.5	04/27/20 08:10	
trans-1,3-Dichloropropene	ug/L	<4.4	14.6	04/27/20 08:10	
Trichloroethene	ug/L	<0.26	1.0	04/27/20 08:10	
Trichlorofluoromethane	ug/L	<0.21	1.0	04/27/20 08:10	

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### QUALITY CONTROL DATA

Project: 60602996 GRAFTON VI

Pace Project No.: 40206683

METHOD BLANK: 2045484

Matrix: Water

Associated Lab Samples: 40206683001, 40206683002, 40206683003, 40206683004

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Vinyl chloride	ug/L	<0.17	1.0	04/27/20 08:10	
Xylene (Total)	ug/L	<1.5	3.0	04/27/20 08:10	
4-Bromofluorobenzene (S)	%	93	70-130	04/27/20 08:10	
Dibromofluoromethane (S)	%	99	70-130	04/27/20 08:10	
Toluene-d8 (S)	%	102	70-130	04/27/20 08:10	

LABORATORY CONTROL SAMPLE: 2045485

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/L	50	48.9	98	70-130	
1,1,2-Trichloroethane	ug/L	50	50.0	100	70-130	
1,1-Dichloroethane	ug/L	50	54.2	108	69-163	
1,1-Dichloroethene	ug/L	50	53.1	106	77-123	
1,2-Dibromo-3-chloropropane	ug/L	50	48.4	97	63-130	
1,2-Dibromoethane (EDB)	ug/L	50	48.4	97	70-130	
1,2-Dichlorobenzene	ug/L	50	51.0	102	70-130	
1,2-Dichloroethane	ug/L	50	54.5	109	78-142	
1,2-Dichloropropane	ug/L	50	49.1	98	86-134	
1,3-Dichlorobenzene	ug/L	50	50.1	100	70-130	
1,4-Dichlorobenzene	ug/L	50	50.0	100	70-130	
Benzene	ug/L	50	52.1	104	70-130	
Bromodichloromethane	ug/L	50	48.6	97	70-130	
Bromoform	ug/L	50	43.7	87	70-130	
Bromomethane	ug/L	50	41.3	83	39-129	
Carbon disulfide	ug/L	50	55.1	110	67-138	
Carbon tetrachloride	ug/L	50	47.1	94	70-132	
Chlorobenzene	ug/L	50	51.0	102	70-130	
Chloroethane	ug/L	50	49.2	98	66-140	
Chloroform	ug/L	50	47.3	95	75-132	
Chloromethane	ug/L	50	44.2	88	32-143	
cis-1,2-Dichloroethene	ug/L	50	46.8	94	70-130	
cis-1,3-Dichloropropene	ug/L	50	51.0	102	70-130	
Dibromochloromethane	ug/L	50	49.2	98	70-130	
Dichlorodifluoromethane	ug/L	50	39.7	79	10-141	
Ethylbenzene	ug/L	50	53.6	107	80-120	
Methyl-tert-butyl ether	ug/L	50	54.2	108	61-129	
Methylene Chloride	ug/L	50	52.9	106	70-130	
Styrene	ug/L	50	54.3	109	70-130	
Tetrachloroethene	ug/L	50	47.9	96	70-130	
Toluene	ug/L	50	52.0	104	80-120	
trans-1,2-Dichloroethene	ug/L	50	52.9	106	70-130	
trans-1,3-Dichloropropene	ug/L	50	52.0	104	69-130	
Trichloroethene	ug/L	50	48.8	98	70-130	
Trichlorofluoromethane	ug/L	50	54.5	109	75-145	

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### QUALITY CONTROL DATA

Project: 60602996 GRAFTON VI

Pace Project No.: 40206683

LABORATORY CONTROL SAMPLE: 2045485

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Vinyl chloride	ug/L	50	49.5	99	51-140	
Xylene (Total)	ug/L	150	162	108	70-130	
4-Bromofluorobenzene (S)	%			104	70-130	
Dibromofluoromethane (S)	%			103	70-130	
Toluene-d8 (S)	%			100	70-130	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2045539 2045540

Parameter	Units	MS		MSD		MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		40206643008 Result	Spike Conc.	Spike Conc.	Conc.								
1,1,1-Trichloroethane	ug/L	<0.24	50	50	50.7	53.4	101	107	70-130	5	20		
1,1,2-Trichloroethane	ug/L	<0.55	50	50	50.2	52.0	100	104	70-137	4	20		
1,1-Dichloroethane	ug/L	1.8	50	50	56.7	59.9	110	116	69-163	6	20		
1,1-Dichloroethene	ug/L	<0.24	50	50	51.3	55.6	103	111	77-129	8	20		
1,2-Dibromo-3-chloropropane	ug/L	<1.8	50	50	46.9	49.6	94	99	60-130	6	20		
1,2-Dibromoethane (EDB)	ug/L	<0.83	50	50	48.0	50.0	96	100	70-130	4	20		
1,2-Dichlorobenzene	ug/L	<0.71	50	50	51.9	54.0	104	108	70-130	4	20		
1,2-Dichloroethane	ug/L	<0.28	50	50	54.7	58.7	109	117	78-145	7	20		
1,2-Dichloropropane	ug/L	<0.28	50	50	52.3	53.5	105	107	86-135	2	20		
1,3-Dichlorobenzene	ug/L	<0.63	50	50	52.1	53.3	104	107	70-130	2	20		
1,4-Dichlorobenzene	ug/L	<0.94	50	50	50.9	53.3	102	107	70-130	5	20		
Benzene	ug/L	1.2	50	50	54.2	57.0	106	112	70-136	5	20		
Bromodichloromethane	ug/L	<0.36	50	50	49.9	51.7	100	103	70-130	3	20		
Bromoform	ug/L	<4.0	50	50	43.5	45.9	87	92	69-130	5	20		
Bromomethane	ug/L	<0.97	50	50	38.2	39.5	76	79	39-138	3	20		
Carbon disulfide	ug/L	<0.45	50	50	53.4	55.8	107	112	63-141	4	20		
Carbon tetrachloride	ug/L	<1.1	50	50	48.0	51.8	96	104	70-142	8	20		
Chlorobenzene	ug/L	<0.71	50	50	53.0	54.3	106	109	70-130	2	20		
Chloroethane	ug/L	<1.3	50	50	45.4	47.3	91	95	61-149	4	20		
Chloroform	ug/L	<1.3	50	50	48.5	51.2	97	102	75-133	5	20		
Chloromethane	ug/L	<2.2	50	50	33.9	35.6	68	71	32-143	5	20		
cis-1,2-Dichloroethene	ug/L	0.51J	50	50	48.3	51.4	96	102	70-130	6	20		
cis-1,3-Dichloropropene	ug/L	<3.6	50	50	53.6	56.3	107	113	70-130	5	20		
Dibromochloromethane	ug/L	<2.6	50	50	49.3	50.9	99	102	70-130	3	20		
Dichlorodifluoromethane	ug/L	<0.50	50	50	23.8	24.3	48	49	10-141	2	20		
Ethylbenzene	ug/L	<0.32	50	50	55.8	57.3	112	115	80-120	3	20		
Methyl-tert-butyl ether	ug/L	<1.2	50	50	53.7	56.7	107	113	61-136	6	20		
Methylene Chloride	ug/L	<0.58	50	50	53.3	56.5	107	113	68-137	6	20		
Styrene	ug/L	<3.0	50	50	55.7	58.2	111	116	70-130	4	20		
Tetrachloroethene	ug/L	<0.33	50	50	49.9	52.5	100	105	70-130	5	20		
Toluene	ug/L	<0.27	50	50	52.9	55.4	106	111	80-120	5	20		
trans-1,2-Dichloroethene	ug/L	<0.46	50	50	54.4	57.1	109	114	70-130	5	20		
trans-1,3-Dichloropropene	ug/L	<4.4	50	50	52.5	55.2	105	110	69-130	5	20		
Trichloroethene	ug/L	<0.26	50	50	52.5	54.5	105	109	70-130	4	20		

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

### REPORT OF LABORATORY ANALYSIS

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### QUALITY CONTROL DATA

Project: 60602996 GRAFTON VI

Pace Project No.: 40206683

Parameter	Units	MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2045539		2045540		MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	Max RPD	Qual
		40206643008 Result	MS Spike Conc.	MSD Spike Conc.								
Trichlorofluoromethane	ug/L	<0.21	50	50	49.8	54.2	100	108	74-157	8	20	
Vinyl chloride	ug/L	<0.17	50	50	42.0	44.1	84	88	51-140	5	20	
Xylene (Total)	ug/L	<1.5	150	150	170	177	113	118	70-130	4	20	
4-Bromofluorobenzene (S)	%						105	106	70-130			
Dibromofluoromethane (S)	%						102	102	70-130			
Toluene-d8 (S)	%						100	100	70-130			

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## QUALIFIERS

Project: 60602996 GRAFTON VI

Pace Project No.: 40206683

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### DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot.

ND - Not Detected at or above LOD.

J - Estimated concentration at or above the LOD and below the LOQ.

LOD - Limit of Detection adjusted for dilution factor, percent moisture, initial weight and final volume.

LOQ - Limit of Quantitation adjusted for dilution factor, percent moisture, initial weight and final volume.

S - Surrogate

1,2-Diphenylhydrazine decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected at or above the adjusted LOD.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

### WORKORDER QUALIFIERS

WO: 40206683

[1] Revised report per client request to change project name. No changes were made to analytical data. 5/8/20 CDH

### ANALYTE QUALIFIERS

HS Results are from sample aliquot taken from VOA vial with headspace (air bubble greater than 6 mm diameter).

## REPORT OF LABORATORY ANALYSIS

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**QUALITY CONTROL DATA CROSS REFERENCE TABLE**

Project: 60602996 GRAFTON VI  
Pace Project No.: 40206683

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
40206683001	TB20200422	EPA 8260	353329		
40206683002	FB20200422	EPA 8260	353329		
40206683003	MW-1-042220	EPA 8260	353329		
40206683004	MW-2-042220	EPA 8260	353329		

**REPORT OF LABORATORY ANALYSIS**

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(Please Print Clearly)

Company Name: **AECOM**  
 Branch/Location: **Milwaukee**  
 Project Contact: **Tory Schultz**  
 Phone: **414.944.6168**  
 Project Number: **60485031.7.2**  
 Project Name: **Grafton VI; Former Quality Cleaners**  
 Project State: **WI**  
 Sampled By (Print): **Keith Nielson**  
 Sampled By (Sign):



UPPER MIDWEST REGION  
 MN: 612-607-1700 WI: 920-469-2436

40206683

### CHAIN OF CUSTODY

**\*Preservation Codes**  
 A=None B=HCL C=H2SO4 D=HNO3 E=DI Water F=Methanol G=NaOH  
 H=Sodium Bisulfate Solution I=Sodium Thiosulfate J=Other

Y/N	Pick Letter	Analysis Requested
N	B	VOC 8260

Quote #: **40206683**  
 Mail To Contact: **tory.schultz@AECOM.com**  
 Mail To Company: **AECOM**  
 Mail To Address: **1555 N Pine Center Drive Site 214 Milwaukee, WI 53212**  
 Invoice To Contact: **USAPIMAGING@AECOM.com**  
 Invoice To Company: **same**  
 Invoice To Address: **same**  
 Invoice To Phone: **same**

**Data Package Options** (billable)  
 EPA Level III  
 EPA Level IV

**MS/MSD**  
 On your sample (billable)  
 NOT needed on your sample

**Matrix Codes**  
 A = Air W = Water  
 B = Biota DW = Drinking Water  
 C = Charcoal GW = Ground Water  
 O = Oil SW = Surface Water  
 S = Soil WW = Waste Water  
 SI = Sludge WP = Wipe

PACE LAB #	CLIENT FIELD ID	COLLECTION		MATRIX
		DATE	TIME	
001	TB20200422	04.22.20	1100	W
002	FB20200422	↓	1110	W
003	MW-1-042220	↓	1120	GW
004	MW-2-042220	↓	1130	GW

**CLIENT COMMENTS**  
 Tip Blank  
 Field Blank  
 MW-1 High Turbidity  
 MW-2 High Turbidity

**LAB COMMENTS (Lab Use Only)**

**Profile #**

1\* Project# 60602996 per  
 Tory S. 5/8/20 CDH

*REN*  
 04.22.20

Rush Turnaround Time Requested - Prelims (Rush TAT subject to approval/surcharge)  
 Date Needed: \_\_\_\_\_

Transmit Prelim Rush Results by (complete what you want):

Email #1: \_\_\_\_\_  
 Email #2: \_\_\_\_\_  
 Telephone: \_\_\_\_\_  
 Fax: \_\_\_\_\_

Samples on HOLD are subject to special pricing and release of liability


Relinquished By: **AECOM** Date/Time: **04.27.20 @ 1630**  
 Relinquished By: **S Logotus** Date/Time: **4/23/20 0900**  
 Relinquished By: \_\_\_\_\_ Date/Time: \_\_\_\_\_  
 Relinquished By: \_\_\_\_\_ Date/Time: \_\_\_\_\_

Received By: \_\_\_\_\_ Date/Time: \_\_\_\_\_  
 Received By: **Suzanne Wyles** Date/Time: **4/23/20 0900**  
 Received By: **Jaw** Date/Time: \_\_\_\_\_  
 Received By: \_\_\_\_\_ Date/Time: \_\_\_\_\_

PACE Project No. **40206683**  
 Receipt Temp = **ROT** °C  
 Sample Receipt pH **OK / Adjusted**  
 Cooler Custody Seal **Present / Not Present**  
 Intact / Not Intact





 1241 Bellevue Street, Green Bay, WI 54302	Document Name: <b>Sample Condition Upon Receipt (SCUR)</b>	Document Revised: 26Mar2020
	Document No.: <b>ENV-FRM-GBAY-0014-Rev.00</b>	Author: Pace Green Bay Quality Office

### Sample Condition Upon Receipt Form (SCUR)

**Client Name:** AECOM  
**Courier:**  CS Logistics  Fed Ex  Speedee  UPS  Walto  
 Client  Pace Other: \_\_\_\_\_

Project #: \_\_\_\_\_

WO#: 40206683



40206683

**Tracking #:** 2017042220  
**Custody Seal on Cooler/Box Present:**  yes  no    **Seals intact:**  yes  no  
**Custody Seal on Samples Present:**  yes  no    **Seals intact:**  yes  no  
**Packing Material:**  Bubble Wrap  Bubble Bags  None  Other \_\_\_\_\_  
**Thermometer Used:** SR - N/A    **Type of Ice:**  Wet  Blue Dry None  Samples on ice, cooling process has begun  
**Cooler Temperature:** Uncorr: ROI /ICorr: \_\_\_\_\_  
**Temp Blank Present:**  yes  no    **Biological Tissue is Frozen:**  yes  no

Person examining contents:

Date: 4/23/20 /Initials: SCU

Labeled By Initials: MP

Temp should be above freezing to 6°C.  
Biota Samples may be received at ≤ 0°C if shipped on Dry Ice.

Chain of Custody Present: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	1. <u>HCC</u>
Chain of Custody Filled Out: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	2.
Chain of Custody Relinquished: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	3.
Sampler Name & Signature on COC: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	4.
Samples Arrived within Hold Time: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	5.
- VOA Samples frozen upon receipt <input type="checkbox"/> Yes <input type="checkbox"/> No	Date/Time: _____
Short Hold Time Analysis (<72hr): <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	6.
Rush Turn Around Time Requested: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	7.
Sufficient Volume: _____	8.
For Analysis: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No    MS/MSD: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	
Correct Containers Used: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	9.
-Pace Containers Used: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
-Pace IR Containers Used: <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
Containers Intact: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	10.
Filtered volume received for Dissolved tests <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	11.
Sample Labels match COC: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	12.
-Includes date/time/ID/Analysis    Matrix: <u>W</u>	
Trip Blank Present: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	13.
Trip Blank Custody Seals Present <u>430</u> <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
Pace Trip Blank Lot # (if purchased): _____	

**Client Notification/ Resolution:** \_\_\_\_\_ If checked, see attached form for additional comments   
 Person Contacted: \_\_\_\_\_ Date/Time: \_\_\_\_\_  
 Comments/ Resolution: \_\_\_\_\_

PM Review is documented electronically in LIMs. By releasing the project, the PM acknowledges they have reviewed the sample logir