

April 8, 2024

Ms. Jennifer Meyer
Environmental Program Associate
Remediation and Redevelopment Program
Wisconsin Department of Natural Resources
1027 W. St. Paul Avenue
Milwaukee, WI 53233

Via WDNR RR Program Submittal Portal

Subject: Transmittal of Groundwater Sampling Data
Post-Enhanced In-Situ Bioremediation (EISB)
Milwaukee Die Casting Company Site
4132 North Holton Street
Milwaukee, Wisconsin
WDNR BRRTS # 02-41-000023
WDNR FID # 241228240

Dear Ms. Meyer,

We are providing this *Transmittal of Groundwater Sampling Data* (“Transmittal”) to the Wisconsin Department of Natural Resources (WDNR) for the Milwaukee Die Casting Company Site (“Site”). This Transmittal is being submitted on behalf of Pharmacia LLC (“Pharmacia”), which is acting on behalf of Fisher Controls International, Inc. (“Fisher”) in this matter.¹

This Transmittal is being submitted in accordance with Wisconsin Administrative Code NR 716.14 Sample Results Notification Requirements.

The Transmittal provides the laboratory report for the first round of post-enhanced in-situ bioremediation (EISB) groundwater monitoring conducted pursuant to the WDNR-approved *Remedial Action Options and Design Report*.

Groundwater data validation and evaluation will be documented in semi-annual NR 724.13(3) *Progress Reports*.

¹ By submitting this Transmittal, neither Pharmacia nor Fisher is waiving any of its rights under federal or state law. Additionally, nothing in this Transmittal should be deemed an admission of fact or law, or a waiver of any defense or right to contest Pharmacia’s or Fisher’s liability under any state or federal law.

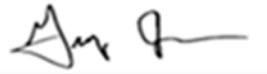
Ms. Jennifer Meyer
Wisconsin Department of Natural Resources
April 8, 2024
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Please contact us if you have any questions regarding this Transmittal.

Sincerely,



Jeremiah Johnson, P.G.
Senior Geologist
(Licensed P.G. in WI)



Greg Johnson, P.H., P.G., P.E.
Senior Engineer
(Licensed P.E. in WI, P.H. in WI, P.G. in IL, WI)

Attachment - Laboratory Report

cc: Mr. Christopher Clark, Pharmacia LLC
Ms. Mary Jo Anzia, BSI



March 28, 2024

Jeremiah Johnson
GEOSYNTEC CONSULTANTS
10600 North Port Washington Rd
Suite 100
Thiensville, WI 53092

RE: Project: CHW8271Q MDCC
Pace Project No.: 40275499

Dear Jeremiah Johnson:

Enclosed are the analytical results for sample(s) received by the laboratory on March 14, 2024. 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,

Brian Basten
brian.basten@pacelabs.com
(920)469-2436
Project Manager

Enclosures



REPORT OF LABORATORY ANALYSIS

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CERTIFICATIONS

Project: CHW8271Q MDCC

Pace Project No.: 40275499

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

South Carolina Certification #: 83006001

Texas Certification #: T104704529-21-8

Virginia VELAP Certification ID: 11873

Wisconsin Certification #: 405132750

Wisconsin DATCP Certification #: 105-444

USDA Soil Permit #: P330-21-00008

Federal Fish & Wildlife Permit #: 51774A

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SAMPLE SUMMARY

Project: CHW8271Q MDCC

Pace Project No.: 40275499

Lab ID	Sample ID	Matrix	Date Collected	Date Received
40275499001	MW-1R	Water	03/13/24 14:30	03/14/24 10:25
40275499002	MW-1R DUP	Water	03/13/24 14:30	03/14/24 10:25
40275499003	PMW-1	Water	03/13/24 13:15	03/14/24 10:25
40275499004	PMW-2	Water	03/13/24 11:50	03/14/24 10:25
40275499005	MW-6	Water	03/13/24 12:20	03/14/24 10:25
40275499006	MW-7	Water	03/13/24 13:50	03/14/24 10:25
40275499007	MW-13	Water	03/13/24 10:35	03/14/24 10:25
40275499008	MW-14	Water	03/13/24 10:25	03/14/24 10:25
40275499009	TRIP BLANK	Water	03/13/24 00:00	03/14/24 10:25

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SAMPLE ANALYTE COUNT

Project: CHW8271Q MDCC

Pace Project No.: 40275499

Lab ID	Sample ID	Method	Analysts	Analytes Reported
40275499001	MW-1R	EPA 8015B Modified	KHB	3
		EPA 6010D	SIS	1
		EPA 6010D	SIS	1
		EPA 8260	NB	64
		SM 2320B	TMK	1
		EPA 300.0	HMB	4
		SM 5310C	TJJ	1
40275499002	MW-1R DUP	EPA 8015B Modified	KHB	3
		EPA 6010D	SIS	1
		EPA 6010D	SIS	1
		EPA 8260	NB	64
		SM 2320B	TMK	1
		EPA 300.0	HMB	4
		SM 5310C	TJJ	1
40275499003	PMW-1	EPA 8015B Modified	KHB	3
		EPA 6010D	SIS	1
		EPA 6010D	SIS	1
		EPA 8260	NB	64
		SM 2320B	TMK	1
		EPA 300.0	HMB	4
		SM 5310C	TJJ	1
40275499004	PMW-2	EPA 8015B Modified	KHB	3
		EPA 6010D	SIS	1
		EPA 6010D	SIS	1
		EPA 8260	NB	64
		SM 2320B	TMK	1
		EPA 300.0	HMB	4
		SM 5310C	TJJ	1
40275499005	MW-6	EPA 8015B Modified	KHB	3
		EPA 6010D	SIS	1
		EPA 6010D	SIS	1
		EPA 8260	NB	64
		SM 2320B	TMK	1
		EPA 300.0	HMB	4
		SM 5310C	TJJ	1
40275499006	MW-7	EPA 8015B Modified	KHB	3
		EPA 6010D	SIS	1

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SAMPLE ANALYTE COUNT

Project: CHW8271Q MDCC

Pace Project No.: 40275499

Lab ID	Sample ID	Method	Analysts	Analytes Reported
		EPA 6010D	SIS	1
		EPA 8260	NB	64
		SM 2320B	TMK	1
		EPA 300.0	HMB	4
		SM 5310C	TJJ	1
40275499007	MW-13	EPA 8015B Modified	KHB	3
		EPA 6010D	SIS	1
		EPA 6010D	SIS	1
		EPA 8260	NB	64
		SM 2320B	TMK	1
		EPA 300.0	HMB	4
		SM 5310C	TJJ	1
40275499008	MW-14	EPA 8015B Modified	KHB	3
		EPA 6010D	SIS	1
		EPA 6010D	SIS	1
		EPA 8260	NB	64
		SM 2320B	TMK	1
		EPA 300.0	HMB	4
		SM 5310C	TJJ	1
40275499009	TRIP BLANK	EPA 8260	NB	64

PASI-G = Pace Analytical Services - Green Bay

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ANALYTICAL RESULTS

Project: CHW8271Q MDCC

Pace Project No.: 40275499

Sample: MW-1R Lab ID: 40275499001 Collected: 03/13/24 14:30 Received: 03/14/24 10:25 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
Methane, Ethane, Ethene GCV									
Analytical Method: EPA 8015B Modified									
Pace Analytical Services - Green Bay									
Ethane	5.3J	ug/L	5.6	0.39	1		03/18/24 09:55	74-84-0	
Ethene	57.0	ug/L	5.0	0.25	1		03/18/24 09:55	74-85-1	
Methane	781	ug/L	14.0	2.9	5		03/18/24 13:45	74-82-8	
6010D MET ICP									
Analytical Method: EPA 6010D Preparation Method: EPA 3010A									
Pace Analytical Services - Green Bay									
Iron	23800	ug/L	100	56.7	1	03/15/24 06:45	03/15/24 16:46	7439-89-6	
6010D MET ICP, Dissolved									
Analytical Method: EPA 6010D Preparation Method: EPA 3010A									
Pace Analytical Services - Green Bay									
Iron, Dissolved	17400	ug/L	100	56.7	1	03/15/24 07:16	03/15/24 17:56	7439-89-6	
8260 MSV									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
1,1,1,2-Tetrachloroethane	<355	ug/L	1000	355	1000		03/18/24 17:07	630-20-6	
1,1,1-Trichloroethane	<303	ug/L	1000	303	1000		03/18/24 17:07	71-55-6	
1,1,2,2-Tetrachloroethane	<378	ug/L	1000	378	1000		03/18/24 17:07	79-34-5	
1,1,2-Trichloroethane	<344	ug/L	1000	344	1000		03/18/24 17:07	79-00-5	
1,1-Dichloroethane	<296	ug/L	1000	296	1000		03/18/24 17:07	75-34-3	
1,1-Dichloroethene	<582	ug/L	1000	582	1000		03/18/24 17:07	75-35-4	
1,1-Dichloropropene	<410	ug/L	1000	410	1000		03/18/24 17:07	563-58-6	
1,2,3-Trichlorobenzene	<1020	ug/L	5000	1020	1000		03/18/24 17:07	87-61-6	
1,2,3-Trichloropropane	<555	ug/L	1000	555	1000		03/18/24 17:07	96-18-4	
1,2,4-Trichlorobenzene	<951	ug/L	5000	951	1000		03/18/24 17:07	120-82-1	
1,2,4-Trimethylbenzene	<449	ug/L	1000	449	1000		03/18/24 17:07	95-63-6	
1,2-Dibromo-3-chloropropane	<2370	ug/L	5000	2370	1000		03/18/24 17:07	96-12-8	
1,2-Dibromoethane (EDB)	<309	ug/L	1000	309	1000		03/18/24 17:07	106-93-4	
1,2-Dichlorobenzene	<326	ug/L	1000	326	1000		03/18/24 17:07	95-50-1	
1,2-Dichloroethane	<292	ug/L	1000	292	1000		03/18/24 17:07	107-06-2	
1,2-Dichloropropane	<448	ug/L	1000	448	1000		03/18/24 17:07	78-87-5	
1,3,5-Trimethylbenzene	<357	ug/L	1000	357	1000		03/18/24 17:07	108-67-8	
1,3-Dichlorobenzene	<351	ug/L	1000	351	1000		03/18/24 17:07	541-73-1	
1,3-Dichloropropane	<305	ug/L	1000	305	1000		03/18/24 17:07	142-28-9	
1,4-Dichlorobenzene	<892	ug/L	1000	892	1000		03/18/24 17:07	106-46-7	
2,2-Dichloropropane	<419	ug/L	1000	419	1000		03/18/24 17:07	594-20-7	
2-Chlorotoluene	<890	ug/L	5000	890	1000		03/18/24 17:07	95-49-8	
4-Chlorotoluene	<894	ug/L	5000	894	1000		03/18/24 17:07	106-43-4	
Benzene	<295	ug/L	1000	295	1000		03/18/24 17:07	71-43-2	
Bromobenzene	<361	ug/L	1000	361	1000		03/18/24 17:07	108-86-1	
Bromochloromethane	<358	ug/L	1000	358	1000		03/18/24 17:07	74-97-5	
Bromodichloromethane	<415	ug/L	1000	415	1000		03/18/24 17:07	75-27-4	
Bromoform	<429	ug/L	1000	429	1000		03/18/24 17:07	75-25-2	
Bromomethane	<1190	ug/L	5000	1190	1000		03/18/24 17:07	74-83-9	
Carbon tetrachloride	<369	ug/L	1000	369	1000		03/18/24 17:07	56-23-5	
Chlorobenzene	<855	ug/L	1000	855	1000		03/18/24 17:07	108-90-7	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: CHW8271Q MDCC

Pace Project No.: 40275499

Sample: MW-1R Lab ID: 40275499001 Collected: 03/13/24 14:30 Received: 03/14/24 10:25 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
Chloroethane	<1380	ug/L	5000	1380	1000		03/18/24 17:07	75-00-3	
Chloroform	<504	ug/L	5000	504	1000		03/18/24 17:07	67-66-3	
Chloromethane	<1640	ug/L	5000	1640	1000		03/18/24 17:07	74-87-3	
Dibromochloromethane	<2640	ug/L	5000	2640	1000		03/18/24 17:07	124-48-1	
Dibromomethane	<991	ug/L	5000	991	1000		03/18/24 17:07	74-95-3	
Dichlorodifluoromethane	<455	ug/L	5000	455	1000		03/18/24 17:07	75-71-8	
Diisopropyl ether	<1100	ug/L	5000	1100	1000		03/18/24 17:07	108-20-3	
Ethylbenzene	<325	ug/L	1000	325	1000		03/18/24 17:07	100-41-4	
Hexachloro-1,3-butadiene	<2740	ug/L	5000	2740	1000		03/18/24 17:07	87-68-3	
Isopropylbenzene (Cumene)	<1000	ug/L	5000	1000	1000		03/18/24 17:07	98-82-8	
Methyl-tert-butyl ether	<1130	ug/L	5000	1130	1000		03/18/24 17:07	1634-04-4	
Methylene Chloride	<319	ug/L	5000	319	1000		03/18/24 17:07	75-09-2	
Naphthalene	<1920	ug/L	5000	1920	1000		03/18/24 17:07	91-20-3	
Styrene	<356	ug/L	1000	356	1000		03/18/24 17:07	100-42-5	
Tetrachloroethene	1800	ug/L	1000	409	1000		03/18/24 17:07	127-18-4	
Toluene	<288	ug/L	1000	288	1000		03/18/24 17:07	108-88-3	
Trichloroethene	6550	ug/L	1000	320	1000		03/18/24 17:07	79-01-6	
Trichlorofluoromethane	<419	ug/L	1000	419	1000		03/18/24 17:07	75-69-4	
Vinyl chloride	485J	ug/L	1000	174	1000		03/18/24 17:07	75-01-4	
cis-1,2-Dichloroethene	63200	ug/L	1000	472	1000		03/18/24 17:07	156-59-2	
cis-1,3-Dichloropropene	<237	ug/L	1000	237	1000		03/18/24 17:07	10061-01-5	
m&p-Xylene	<700	ug/L	2000	700	1000		03/18/24 17:07	179601-23-1	
n-Butylbenzene	<857	ug/L	1000	857	1000		03/18/24 17:07	104-51-8	
n-Propylbenzene	<345	ug/L	1000	345	1000		03/18/24 17:07	103-65-1	
o-Xylene	<348	ug/L	1000	348	1000		03/18/24 17:07	95-47-6	
p-Isopropyltoluene	<1040	ug/L	5000	1040	1000		03/18/24 17:07	99-87-6	
sec-Butylbenzene	<424	ug/L	1000	424	1000		03/18/24 17:07	135-98-8	
tert-Butylbenzene	<586	ug/L	1000	586	1000		03/18/24 17:07	98-06-6	
trans-1,2-Dichloroethene	<528	ug/L	1000	528	1000		03/18/24 17:07	156-60-5	
trans-1,3-Dichloropropene	<265	ug/L	1000	265	1000		03/18/24 17:07	10061-02-6	
Surrogates									
4-Bromofluorobenzene (S)	101	%	70-130		1000		03/18/24 17:07	460-00-4	
1,2-Dichlorobenzene-d4 (S)	103	%	70-130		1000		03/18/24 17:07	2199-69-1	
Toluene-d8 (S)	103	%	70-130		1000		03/18/24 17:07	2037-26-5	
2320B Alkalinity									
Analytical Method: SM 2320B									
Pace Analytical Services - Green Bay									
Alkalinity, Total as CaCO3	631	mg/L	10.0	5.0	1		03/18/24 20:56		
300.0 IC Anions									
Analytical Method: EPA 300.0									
Pace Analytical Services - Green Bay									
Chloride	287	mg/L	10.0	3.0	5		03/14/24 22:48	16887-00-6	
Nitrate as N	<0.22	mg/L	0.75	0.22	5		03/14/24 22:48	14797-55-8	D3
Nitrite as N	<0.10	mg/L	0.50	0.10	5		03/14/24 22:48	14797-65-0	D3
Sulfate	105	mg/L	10.0	2.2	5		03/14/24 22:48	14808-79-8	

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ANALYTICAL RESULTS

Project: CHW8271Q MDCC

Pace Project No.: 40275499

Sample: MW-1R Lab ID: 40275499001 Collected: 03/13/24 14:30 Received: 03/14/24 10:25 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
5310C TOC									
Analytical Method: SM 5310C									
Pace Analytical Services - Green Bay									
Total Organic Carbon	43.7	mg/L	1.5	0.57	3		03/19/24 09:00	7440-44-0	

Sample: MW-1R DUP Lab ID: 40275499002 Collected: 03/13/24 14:30 Received: 03/14/24 10:25 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
Methane, Ethane, Ethene GCV									
Analytical Method: EPA 8015B Modified									
Pace Analytical Services - Green Bay									
Ethane	4.9J	ug/L	5.6	0.39	1		03/18/24 10:02	74-84-0	
Ethene	58.6	ug/L	5.0	0.25	1		03/18/24 10:02	74-85-1	
Methane	788	ug/L	14.0	2.9	5		03/18/24 13:52	74-82-8	

6010D MET ICP

Analytical Method: EPA 6010D Preparation Method: EPA 3010A

Pace Analytical Services - Green Bay

Iron	22100	ug/L	100	56.7	1	03/15/24 06:45	03/15/24 16:50	7439-89-6	
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6010D MET ICP, Dissolved

Analytical Method: EPA 6010D Preparation Method: EPA 3010A

Pace Analytical Services - Green Bay

Iron, Dissolved	17100	ug/L	100	56.7	1	03/15/24 07:16	03/15/24 18:00	7439-89-6	
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8260 MSV

Analytical Method: EPA 8260

Pace Analytical Services - Green Bay

1,1,1,2-Tetrachloroethane	<355	ug/L	1000	355	1000		03/18/24 17:27	630-20-6	
1,1,1-Trichloroethane	<303	ug/L	1000	303	1000		03/18/24 17:27	71-55-6	
1,1,2,2-Tetrachloroethane	<378	ug/L	1000	378	1000		03/18/24 17:27	79-34-5	
1,1,2-Trichloroethane	<344	ug/L	1000	344	1000		03/18/24 17:27	79-00-5	
1,1-Dichloroethane	<296	ug/L	1000	296	1000		03/18/24 17:27	75-34-3	
1,1-Dichloroethene	<582	ug/L	1000	582	1000		03/18/24 17:27	75-35-4	
1,1-Dichloropropene	<410	ug/L	1000	410	1000		03/18/24 17:27	563-58-6	
1,2,3-Trichlorobenzene	<1020	ug/L	5000	1020	1000		03/18/24 17:27	87-61-6	
1,2,3-Trichloropropane	<555	ug/L	1000	555	1000		03/18/24 17:27	96-18-4	
1,2,4-Trichlorobenzene	<951	ug/L	5000	951	1000		03/18/24 17:27	120-82-1	
1,2,4-Trimethylbenzene	<449	ug/L	1000	449	1000		03/18/24 17:27	95-63-6	
1,2-Dibromo-3-chloropropane	<2370	ug/L	5000	2370	1000		03/18/24 17:27	96-12-8	
1,2-Dibromoethane (EDB)	<309	ug/L	1000	309	1000		03/18/24 17:27	106-93-4	
1,2-Dichlorobenzene	<326	ug/L	1000	326	1000		03/18/24 17:27	95-50-1	
1,2-Dichloroethane	<292	ug/L	1000	292	1000		03/18/24 17:27	107-06-2	
1,2-Dichloropropane	<448	ug/L	1000	448	1000		03/18/24 17:27	78-87-5	
1,3,5-Trimethylbenzene	<357	ug/L	1000	357	1000		03/18/24 17:27	108-67-8	
1,3-Dichlorobenzene	<351	ug/L	1000	351	1000		03/18/24 17:27	541-73-1	
1,3-Dichloropropane	<305	ug/L	1000	305	1000		03/18/24 17:27	142-28-9	
1,4-Dichlorobenzene	<892	ug/L	1000	892	1000		03/18/24 17:27	106-46-7	
2,2-Dichloropropane	<419	ug/L	1000	419	1000		03/18/24 17:27	594-20-7	

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ANALYTICAL RESULTS

Project: CHW8271Q MDCC

Pace Project No.: 40275499

Sample: MW-1R DUP Lab ID: 40275499002 Collected: 03/13/24 14:30 Received: 03/14/24 10:25 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
2-Chlorotoluene	<890	ug/L	5000	890	1000		03/18/24 17:27	95-49-8	
4-Chlorotoluene	<894	ug/L	5000	894	1000		03/18/24 17:27	106-43-4	
Benzene	<295	ug/L	1000	295	1000		03/18/24 17:27	71-43-2	
Bromobenzene	<361	ug/L	1000	361	1000		03/18/24 17:27	108-86-1	
Bromochloromethane	<358	ug/L	1000	358	1000		03/18/24 17:27	74-97-5	
Bromodichloromethane	<415	ug/L	1000	415	1000		03/18/24 17:27	75-27-4	
Bromoform	<429	ug/L	1000	429	1000		03/18/24 17:27	75-25-2	
Bromomethane	<1190	ug/L	5000	1190	1000		03/18/24 17:27	74-83-9	
Carbon tetrachloride	<369	ug/L	1000	369	1000		03/18/24 17:27	56-23-5	
Chlorobenzene	<855	ug/L	1000	855	1000		03/18/24 17:27	108-90-7	
Chloroethane	<1380	ug/L	5000	1380	1000		03/18/24 17:27	75-00-3	
Chloroform	<504	ug/L	5000	504	1000		03/18/24 17:27	67-66-3	
Chloromethane	<1640	ug/L	5000	1640	1000		03/18/24 17:27	74-87-3	
Dibromochloromethane	<2640	ug/L	5000	2640	1000		03/18/24 17:27	124-48-1	
Dibromomethane	<991	ug/L	5000	991	1000		03/18/24 17:27	74-95-3	
Dichlorodifluoromethane	<455	ug/L	5000	455	1000		03/18/24 17:27	75-71-8	
Diisopropyl ether	<1100	ug/L	5000	1100	1000		03/18/24 17:27	108-20-3	
Ethylbenzene	<325	ug/L	1000	325	1000		03/18/24 17:27	100-41-4	
Hexachloro-1,3-butadiene	<2740	ug/L	5000	2740	1000		03/18/24 17:27	87-68-3	
Isopropylbenzene (Cumene)	<1000	ug/L	5000	1000	1000		03/18/24 17:27	98-82-8	
Methyl-tert-butyl ether	<1130	ug/L	5000	1130	1000		03/18/24 17:27	1634-04-4	
Methylene Chloride	<319	ug/L	5000	319	1000		03/18/24 17:27	75-09-2	
Naphthalene	<1920	ug/L	5000	1920	1000		03/18/24 17:27	91-20-3	
Styrene	<356	ug/L	1000	356	1000		03/18/24 17:27	100-42-5	
Tetrachloroethene	3320	ug/L	1000	409	1000		03/18/24 17:27	127-18-4	
Toluene	<288	ug/L	1000	288	1000		03/18/24 17:27	108-88-3	
Trichloroethene	9290	ug/L	1000	320	1000		03/18/24 17:27	79-01-6	
Trichlorofluoromethane	<419	ug/L	1000	419	1000		03/18/24 17:27	75-69-4	
Vinyl chloride	529J	ug/L	1000	174	1000		03/18/24 17:27	75-01-4	
cis-1,2-Dichloroethene	66000	ug/L	1000	472	1000		03/18/24 17:27	156-59-2	
cis-1,3-Dichloropropene	<237	ug/L	1000	237	1000		03/18/24 17:27	10061-01-5	
m&p-Xylene	<700	ug/L	2000	700	1000		03/18/24 17:27	179601-23-1	
n-Butylbenzene	<857	ug/L	1000	857	1000		03/18/24 17:27	104-51-8	
n-Propylbenzene	<345	ug/L	1000	345	1000		03/18/24 17:27	103-65-1	
o-Xylene	<348	ug/L	1000	348	1000		03/18/24 17:27	95-47-6	
p-Isopropyltoluene	<1040	ug/L	5000	1040	1000		03/18/24 17:27	99-87-6	
sec-Butylbenzene	<424	ug/L	1000	424	1000		03/18/24 17:27	135-98-8	
tert-Butylbenzene	<586	ug/L	1000	586	1000		03/18/24 17:27	98-06-6	
trans-1,2-Dichloroethene	<528	ug/L	1000	528	1000		03/18/24 17:27	156-60-5	
trans-1,3-Dichloropropene	<265	ug/L	1000	265	1000		03/18/24 17:27	10061-02-6	
Surrogates									
4-Bromofluorobenzene (S)	99	%	70-130		1000		03/18/24 17:27	460-00-4	
1,2-Dichlorobenzene-d4 (S)	104	%	70-130		1000		03/18/24 17:27	2199-69-1	
Toluene-d8 (S)	103	%	70-130		1000		03/18/24 17:27	2037-26-5	

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ANALYTICAL RESULTS

Project: CHW8271Q MDCC

Pace Project No.: 40275499

Sample: MW-1R DUP **Lab ID: 40275499002** Collected: 03/13/24 14:30 Received: 03/14/24 10:25 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
2320B Alkalinity									
Analytical Method: SM 2320B Pace Analytical Services - Green Bay									
Alkalinity, Total as CaCO3	630	mg/L	10.0	5.0	1		03/18/24 21:13		
300.0 IC Anions									
Analytical Method: EPA 300.0 Pace Analytical Services - Green Bay									
Chloride	285	mg/L	10.0	3.0	5		03/14/24 23:03	16887-00-6	
Nitrate as N	<0.22	mg/L	0.75	0.22	5		03/14/24 23:03	14797-55-8	D3
Nitrite as N	<0.10	mg/L	0.50	0.10	5		03/14/24 23:03	14797-65-0	D3
Sulfate	104	mg/L	10.0	2.2	5		03/14/24 23:03	14808-79-8	
5310C TOC									
Analytical Method: SM 5310C Pace Analytical Services - Green Bay									
Total Organic Carbon	49.0	mg/L	1.5	0.57	3		03/19/24 09:17	7440-44-0	

Sample: PMW-1 **Lab ID: 40275499003** Collected: 03/13/24 13:15 Received: 03/14/24 10:25 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
Methane, Ethane, Ethene GCV									
Analytical Method: EPA 8015B Modified Pace Analytical Services - Green Bay									
Ethane	1.5J	ug/L	5.6	0.39	1		03/18/24 10:09	74-84-0	
Ethene	16.3	ug/L	5.0	0.25	1		03/18/24 10:09	74-85-1	
Methane	826	ug/L	28.0	5.8	10		03/18/24 13:58	74-82-8	
6010D MET ICP									
Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Green Bay									
Iron	2630	ug/L	100	56.7	1	03/15/24 06:45	03/15/24 16:52	7439-89-6	
6010D MET ICP, Dissolved									
Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Green Bay									
Iron, Dissolved	2230	ug/L	100	56.7	1	03/15/24 07:16	03/15/24 18:02	7439-89-6	
8260 MSV									
Analytical Method: EPA 8260 Pace Analytical Services - Green Bay									
1,1,1,2-Tetrachloroethane	<0.36	ug/L	1.0	0.36	1		03/18/24 18:40	630-20-6	
1,1,1-Trichloroethane	<0.30	ug/L	1.0	0.30	1		03/18/24 18:40	71-55-6	
1,1,2,2-Tetrachloroethane	<0.38	ug/L	1.0	0.38	1		03/18/24 18:40	79-34-5	
1,1,2-Trichloroethane	<0.34	ug/L	1.0	0.34	1		03/18/24 18:40	79-00-5	
1,1-Dichloroethane	<0.30	ug/L	1.0	0.30	1		03/18/24 18:40	75-34-3	
1,1-Dichloroethene	1.2	ug/L	1.0	0.58	1		03/18/24 18:40	75-35-4	
1,1-Dichloropropene	<0.41	ug/L	1.0	0.41	1		03/18/24 18:40	563-58-6	
1,2,3-Trichlorobenzene	<1.0	ug/L	5.0	1.0	1		03/18/24 18:40	87-61-6	
1,2,3-Trichloropropane	<0.56	ug/L	1.0	0.56	1		03/18/24 18:40	96-18-4	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		03/18/24 18:40	120-82-1	

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ANALYTICAL RESULTS

Project: CHW8271Q MDCC

Pace Project No.: 40275499

Sample: PMW-1 Lab ID: 40275499003 Collected: 03/13/24 13:15 Received: 03/14/24 10:25 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
1,2,4-Trimethylbenzene	<0.45	ug/L	1.0	0.45	1		03/18/24 18:40	95-63-6	
1,2-Dibromo-3-chloropropane	<2.4	ug/L	5.0	2.4	1		03/18/24 18:40	96-12-8	
1,2-Dibromoethane (EDB)	<0.31	ug/L	1.0	0.31	1		03/18/24 18:40	106-93-4	
1,2-Dichlorobenzene	<0.33	ug/L	1.0	0.33	1		03/18/24 18:40	95-50-1	
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		03/18/24 18:40	107-06-2	
1,2-Dichloropropane	<0.45	ug/L	1.0	0.45	1		03/18/24 18:40	78-87-5	
1,3,5-Trimethylbenzene	<0.36	ug/L	1.0	0.36	1		03/18/24 18:40	108-67-8	
1,3-Dichlorobenzene	<0.35	ug/L	1.0	0.35	1		03/18/24 18:40	541-73-1	
1,3-Dichloropropane	<0.30	ug/L	1.0	0.30	1		03/18/24 18:40	142-28-9	
1,4-Dichlorobenzene	<0.89	ug/L	1.0	0.89	1		03/18/24 18:40	106-46-7	
2,2-Dichloropropane	<0.42	ug/L	1.0	0.42	1		03/18/24 18:40	594-20-7	
2-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		03/18/24 18:40	95-49-8	
4-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		03/18/24 18:40	106-43-4	
Benzene	<0.30	ug/L	1.0	0.30	1		03/18/24 18:40	71-43-2	
Bromobenzene	<0.36	ug/L	1.0	0.36	1		03/18/24 18:40	108-86-1	
Bromochloromethane	<0.36	ug/L	1.0	0.36	1		03/18/24 18:40	74-97-5	
Bromodichloromethane	<0.42	ug/L	1.0	0.42	1		03/18/24 18:40	75-27-4	
Bromoform	<0.43	ug/L	1.0	0.43	1		03/18/24 18:40	75-25-2	
Bromomethane	<1.2	ug/L	5.0	1.2	1		03/18/24 18:40	74-83-9	
Carbon tetrachloride	<0.37	ug/L	1.0	0.37	1		03/18/24 18:40	56-23-5	
Chlorobenzene	<0.86	ug/L	1.0	0.86	1		03/18/24 18:40	108-90-7	
Chloroethane	<1.4	ug/L	5.0	1.4	1		03/18/24 18:40	75-00-3	
Chloroform	<0.50	ug/L	5.0	0.50	1		03/18/24 18:40	67-66-3	
Chloromethane	<1.6	ug/L	5.0	1.6	1		03/18/24 18:40	74-87-3	
Dibromochloromethane	<2.6	ug/L	5.0	2.6	1		03/18/24 18:40	124-48-1	
Dibromomethane	<0.99	ug/L	5.0	0.99	1		03/18/24 18:40	74-95-3	
Dichlorodifluoromethane	<0.46	ug/L	5.0	0.46	1		03/18/24 18:40	75-71-8	
Diisopropyl ether	<1.1	ug/L	5.0	1.1	1		03/18/24 18:40	108-20-3	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		03/18/24 18:40	100-41-4	
Hexachloro-1,3-butadiene	<2.7	ug/L	5.0	2.7	1		03/18/24 18:40	87-68-3	
Isopropylbenzene (Cumene)	<1.0	ug/L	5.0	1.0	1		03/18/24 18:40	98-82-8	
Methyl-tert-butyl ether	<1.1	ug/L	5.0	1.1	1		03/18/24 18:40	1634-04-4	
Methylene Chloride	<0.32	ug/L	5.0	0.32	1		03/18/24 18:40	75-09-2	
Naphthalene	<1.9	ug/L	5.0	1.9	1		03/18/24 18:40	91-20-3	
Styrene	<0.36	ug/L	1.0	0.36	1		03/18/24 18:40	100-42-5	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		03/18/24 18:40	127-18-4	
Toluene	<0.29	ug/L	1.0	0.29	1		03/18/24 18:40	108-88-3	
Trichloroethene	<0.32	ug/L	1.0	0.32	1		03/18/24 18:40	79-01-6	
Trichlorofluoromethane	<0.42	ug/L	1.0	0.42	1		03/18/24 18:40	75-69-4	
Vinyl chloride	20.8	ug/L	1.0	0.17	1		03/18/24 18:40	75-01-4	
cis-1,2-Dichloroethene	620	ug/L	10.0	4.7	10		03/19/24 11:50	156-59-2	
cis-1,3-Dichloropropene	<0.24	ug/L	1.0	0.24	1		03/18/24 18:40	10061-01-5	
m&p-Xylene	<0.70	ug/L	2.0	0.70	1		03/18/24 18:40	179601-23-1	
n-Butylbenzene	<0.86	ug/L	1.0	0.86	1		03/18/24 18:40	104-51-8	
n-Propylbenzene	<0.35	ug/L	1.0	0.35	1		03/18/24 18:40	103-65-1	

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ANALYTICAL RESULTS

Project: CHW8271Q MDCC

Pace Project No.: 40275499

Sample: PMW-1 Lab ID: 40275499003 Collected: 03/13/24 13:15 Received: 03/14/24 10:25 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
o-Xylene	<0.35	ug/L	1.0	0.35	1		03/18/24 18:40	95-47-6	
p-Isopropyltoluene	<1.0	ug/L	5.0	1.0	1		03/18/24 18:40	99-87-6	
sec-Butylbenzene	<0.42	ug/L	1.0	0.42	1		03/18/24 18:40	135-98-8	
tert-Butylbenzene	<0.59	ug/L	1.0	0.59	1		03/18/24 18:40	98-06-6	
trans-1,2-Dichloroethene	5.0	ug/L	1.0	0.53	1		03/18/24 18:40	156-60-5	
trans-1,3-Dichloropropene	<0.27	ug/L	1.0	0.27	1		03/18/24 18:40	10061-02-6	
Surrogates									
4-Bromofluorobenzene (S)	104	%	70-130		1		03/18/24 18:40	460-00-4	
1,2-Dichlorobenzene-d4 (S)	100	%	70-130		1		03/18/24 18:40	2199-69-1	
Toluene-d8 (S)	102	%	70-130		1		03/18/24 18:40	2037-26-5	
2320B Alkalinity									
Analytical Method: SM 2320B									
Pace Analytical Services - Green Bay									
Alkalinity, Total as CaCO3	536	mg/L	10.0	5.0	1		03/18/24 21:28		
300.0 IC Anions									
Analytical Method: EPA 300.0									
Pace Analytical Services - Green Bay									
Chloride	116	mg/L	10.0	3.0	5		03/15/24 13:46	16887-00-6	
Nitrate as N	<0.044	mg/L	0.15	0.044	1		03/14/24 23:18	14797-55-8	
Nitrite as N	<0.021	mg/L	0.10	0.021	1		03/14/24 23:18	14797-65-0	
Sulfate	8.7J	mg/L	10.0	2.2	5		03/15/24 13:46	14808-79-8	D3
5310C TOC									
Analytical Method: SM 5310C									
Pace Analytical Services - Green Bay									
Total Organic Carbon	9.1	mg/L	1.0	0.38	2		03/19/24 09:34	7440-44-0	

Sample: PMW-2 Lab ID: 40275499004 Collected: 03/13/24 11:50 Received: 03/14/24 10:25 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
Methane, Ethane, Ethene GCV									
Analytical Method: EPA 8015B Modified									
Pace Analytical Services - Green Bay									
Ethane	0.50J	ug/L	5.6	0.39	1		03/18/24 13:38	74-84-0	
Ethene	<0.25	ug/L	5.0	0.25	1		03/18/24 13:38	74-85-1	
Methane	2.3J	ug/L	2.8	0.58	1		03/18/24 13:38	74-82-8	
6010D MET ICP									
Analytical Method: EPA 6010D Preparation Method: EPA 3010A									
Pace Analytical Services - Green Bay									
Iron	168	ug/L	100	56.7	1	03/15/24 06:45	03/15/24 16:54	7439-89-6	
6010D MET ICP, Dissolved									
Analytical Method: EPA 6010D Preparation Method: EPA 3010A									
Pace Analytical Services - Green Bay									
Iron, Dissolved	144	ug/L	100	56.7	1	03/15/24 07:16	03/15/24 18:04	7439-89-6	

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ANALYTICAL RESULTS

Project: CHW8271Q MDCC

Pace Project No.: 40275499

Sample: PMW-2 Lab ID: 40275499004 Collected: 03/13/24 11:50 Received: 03/14/24 10:25 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
1,1,1,2-Tetrachloroethane	<0.36	ug/L	1.0	0.36	1		03/18/24 14:38	630-20-6	
1,1,1-Trichloroethane	<0.30	ug/L	1.0	0.30	1		03/18/24 14:38	71-55-6	
1,1,2,2-Tetrachloroethane	<0.38	ug/L	1.0	0.38	1		03/18/24 14:38	79-34-5	
1,1,2-Trichloroethane	<0.34	ug/L	1.0	0.34	1		03/18/24 14:38	79-00-5	
1,1-Dichloroethane	<0.30	ug/L	1.0	0.30	1		03/18/24 14:38	75-34-3	
1,1-Dichloroethene	<0.58	ug/L	1.0	0.58	1		03/18/24 14:38	75-35-4	
1,1-Dichloropropene	<0.41	ug/L	1.0	0.41	1		03/18/24 14:38	563-58-6	
1,2,3-Trichlorobenzene	<1.0	ug/L	5.0	1.0	1		03/18/24 14:38	87-61-6	
1,2,3-Trichloropropane	<0.56	ug/L	1.0	0.56	1		03/18/24 14:38	96-18-4	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		03/18/24 14:38	120-82-1	
1,2,4-Trimethylbenzene	<0.45	ug/L	1.0	0.45	1		03/18/24 14:38	95-63-6	
1,2-Dibromo-3-chloropropane	<2.4	ug/L	5.0	2.4	1		03/18/24 14:38	96-12-8	
1,2-Dibromoethane (EDB)	<0.31	ug/L	1.0	0.31	1		03/18/24 14:38	106-93-4	
1,2-Dichlorobenzene	<0.33	ug/L	1.0	0.33	1		03/18/24 14:38	95-50-1	
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		03/18/24 14:38	107-06-2	
1,2-Dichloropropane	<0.45	ug/L	1.0	0.45	1		03/18/24 14:38	78-87-5	
1,3,5-Trimethylbenzene	<0.36	ug/L	1.0	0.36	1		03/18/24 14:38	108-67-8	
1,3-Dichlorobenzene	<0.35	ug/L	1.0	0.35	1		03/18/24 14:38	541-73-1	
1,3-Dichloropropane	<0.30	ug/L	1.0	0.30	1		03/18/24 14:38	142-28-9	
1,4-Dichlorobenzene	<0.89	ug/L	1.0	0.89	1		03/18/24 14:38	106-46-7	
2,2-Dichloropropane	<0.42	ug/L	1.0	0.42	1		03/18/24 14:38	594-20-7	
2-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		03/18/24 14:38	95-49-8	
4-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		03/18/24 14:38	106-43-4	
Benzene	<0.30	ug/L	1.0	0.30	1		03/18/24 14:38	71-43-2	
Bromobenzene	<0.36	ug/L	1.0	0.36	1		03/18/24 14:38	108-86-1	
Bromochloromethane	<0.36	ug/L	1.0	0.36	1		03/18/24 14:38	74-97-5	
Bromodichloromethane	<0.42	ug/L	1.0	0.42	1		03/18/24 14:38	75-27-4	
Bromoform	<0.43	ug/L	1.0	0.43	1		03/18/24 14:38	75-25-2	
Bromomethane	<1.2	ug/L	5.0	1.2	1		03/18/24 14:38	74-83-9	
Carbon tetrachloride	<0.37	ug/L	1.0	0.37	1		03/18/24 14:38	56-23-5	
Chlorobenzene	<0.86	ug/L	1.0	0.86	1		03/18/24 14:38	108-90-7	
Chloroethane	<1.4	ug/L	5.0	1.4	1		03/18/24 14:38	75-00-3	
Chloroform	<0.50	ug/L	5.0	0.50	1		03/18/24 14:38	67-66-3	
Chloromethane	<1.6	ug/L	5.0	1.6	1		03/18/24 14:38	74-87-3	
Dibromochloromethane	<2.6	ug/L	5.0	2.6	1		03/18/24 14:38	124-48-1	
Dibromomethane	<0.99	ug/L	5.0	0.99	1		03/18/24 14:38	74-95-3	
Dichlorodifluoromethane	<0.46	ug/L	5.0	0.46	1		03/18/24 14:38	75-71-8	
Diisopropyl ether	<1.1	ug/L	5.0	1.1	1		03/18/24 14:38	108-20-3	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		03/18/24 14:38	100-41-4	
Hexachloro-1,3-butadiene	<2.7	ug/L	5.0	2.7	1		03/18/24 14:38	87-68-3	
Isopropylbenzene (Cumene)	<1.0	ug/L	5.0	1.0	1		03/18/24 14:38	98-82-8	
Methyl-tert-butyl ether	<1.1	ug/L	5.0	1.1	1		03/18/24 14:38	1634-04-4	
Methylene Chloride	<0.32	ug/L	5.0	0.32	1		03/18/24 14:38	75-09-2	
Naphthalene	<1.9	ug/L	5.0	1.9	1		03/18/24 14:38	91-20-3	
Styrene	<0.36	ug/L	1.0	0.36	1		03/18/24 14:38	100-42-5	

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ANALYTICAL RESULTS

Project: CHW8271Q MDCC

Pace Project No.: 40275499

Sample: PMW-2 **Lab ID: 40275499004** Collected: 03/13/24 11:50 Received: 03/14/24 10:25 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
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8260 MSV Analytical Method: EPA 8260
Pace Analytical Services - Green Bay

Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		03/18/24 14:38	127-18-4	
Toluene	<0.29	ug/L	1.0	0.29	1		03/18/24 14:38	108-88-3	
Trichloroethene	1.8	ug/L	1.0	0.32	1		03/18/24 14:38	79-01-6	
Trichlorofluoromethane	<0.42	ug/L	1.0	0.42	1		03/18/24 14:38	75-69-4	
Vinyl chloride	0.20J	ug/L	1.0	0.17	1		03/18/24 14:38	75-01-4	
cis-1,2-Dichloroethene	4.8	ug/L	1.0	0.47	1		03/18/24 14:38	156-59-2	
cis-1,3-Dichloropropene	<0.24	ug/L	1.0	0.24	1		03/18/24 14:38	10061-01-5	
m&p-Xylene	<0.70	ug/L	2.0	0.70	1		03/18/24 14:38	179601-23-1	
n-Butylbenzene	<0.86	ug/L	1.0	0.86	1		03/18/24 14:38	104-51-8	
n-Propylbenzene	<0.35	ug/L	1.0	0.35	1		03/18/24 14:38	103-65-1	
o-Xylene	<0.35	ug/L	1.0	0.35	1		03/18/24 14:38	95-47-6	
p-Isopropyltoluene	<1.0	ug/L	5.0	1.0	1		03/18/24 14:38	99-87-6	
sec-Butylbenzene	<0.42	ug/L	1.0	0.42	1		03/18/24 14:38	135-98-8	
tert-Butylbenzene	<0.59	ug/L	1.0	0.59	1		03/18/24 14:38	98-06-6	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		03/18/24 14:38	156-60-5	
trans-1,3-Dichloropropene	<0.27	ug/L	1.0	0.27	1		03/18/24 14:38	10061-02-6	
Surrogates									
4-Bromofluorobenzene (S)	102	%	70-130		1		03/18/24 14:38	460-00-4	
1,2-Dichlorobenzene-d4 (S)	105	%	70-130		1		03/18/24 14:38	2199-69-1	
Toluene-d8 (S)	103	%	70-130		1		03/18/24 14:38	2037-26-5	

2320B Alkalinity Analytical Method: SM 2320B
Pace Analytical Services - Green Bay

Alkalinity, Total as CaCO3	357	mg/L	10.0	5.0	1		03/18/24 21:41		
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300.0 IC Anions Analytical Method: EPA 300.0
Pace Analytical Services - Green Bay

Chloride	132	mg/L	10.0	3.0	5		03/15/24 14:01	16887-00-6	
Nitrate as N	<0.044	mg/L	0.15	0.044	1		03/14/24 23:32	14797-55-8	
Nitrite as N	<0.021	mg/L	0.10	0.021	1		03/14/24 23:32	14797-65-0	
Sulfate	180	mg/L	10.0	2.2	5		03/15/24 14:01	14808-79-8	

5310C TOC Analytical Method: SM 5310C
Pace Analytical Services - Green Bay

Total Organic Carbon	2.3	mg/L	0.50	0.19	1		03/19/24 09:50	7440-44-0	
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Sample: MW-6 **Lab ID: 40275499005** Collected: 03/13/24 12:20 Received: 03/14/24 10:25 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
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Methane, Ethane, Ethene GCV Analytical Method: EPA 8015B Modified
Pace Analytical Services - Green Bay

Ethane	<0.39	ug/L	5.6	0.39	1		03/18/24 10:23	74-84-0	
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ANALYTICAL RESULTS

Project: CHW8271Q MDCC

Pace Project No.: 40275499

Sample: MW-6 Lab ID: 40275499005 Collected: 03/13/24 12:20 Received: 03/14/24 10:25 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
Methane, Ethane, Ethene GCV									
Analytical Method: EPA 8015B Modified									
Pace Analytical Services - Green Bay									
Ethene	<0.25	ug/L	5.0	0.25	1		03/18/24 10:23	74-85-1	
Methane	81.0	ug/L	2.8	0.58	1		03/18/24 10:23	74-82-8	
6010D MET ICP									
Analytical Method: EPA 6010D Preparation Method: EPA 3010A									
Pace Analytical Services - Green Bay									
Iron	307	ug/L	100	56.7	1	03/15/24 06:45	03/15/24 16:55	7439-89-6	
6010D MET ICP, Dissolved									
Analytical Method: EPA 6010D Preparation Method: EPA 3010A									
Pace Analytical Services - Green Bay									
Iron, Dissolved	<56.7	ug/L	100	56.7	1	03/15/24 07:16	03/15/24 18:06	7439-89-6	
8260 MSV									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
1,1,1,2-Tetrachloroethane	<0.36	ug/L	1.0	0.36	1		03/18/24 16:28	630-20-6	
1,1,1-Trichloroethane	9.2	ug/L	1.0	0.30	1		03/18/24 16:28	71-55-6	
1,1,2,2-Tetrachloroethane	<0.38	ug/L	1.0	0.38	1		03/18/24 16:28	79-34-5	
1,1,2-Trichloroethane	<0.34	ug/L	1.0	0.34	1		03/18/24 16:28	79-00-5	
1,1-Dichloroethane	16.0	ug/L	1.0	0.30	1		03/18/24 16:28	75-34-3	
1,1-Dichloroethene	<0.58	ug/L	1.0	0.58	1		03/18/24 16:28	75-35-4	
1,1-Dichloropropene	<0.41	ug/L	1.0	0.41	1		03/18/24 16:28	563-58-6	
1,2,3-Trichlorobenzene	<1.0	ug/L	5.0	1.0	1		03/18/24 16:28	87-61-6	
1,2,3-Trichloropropane	<0.56	ug/L	1.0	0.56	1		03/18/24 16:28	96-18-4	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		03/18/24 16:28	120-82-1	
1,2,4-Trimethylbenzene	<0.45	ug/L	1.0	0.45	1		03/18/24 16:28	95-63-6	
1,2-Dibromo-3-chloropropane	<2.4	ug/L	5.0	2.4	1		03/18/24 16:28	96-12-8	
1,2-Dibromoethane (EDB)	<0.31	ug/L	1.0	0.31	1		03/18/24 16:28	106-93-4	
1,2-Dichlorobenzene	<0.33	ug/L	1.0	0.33	1		03/18/24 16:28	95-50-1	
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		03/18/24 16:28	107-06-2	
1,2-Dichloropropane	<0.45	ug/L	1.0	0.45	1		03/18/24 16:28	78-87-5	
1,3,5-Trimethylbenzene	<0.36	ug/L	1.0	0.36	1		03/18/24 16:28	108-67-8	
1,3-Dichlorobenzene	<0.35	ug/L	1.0	0.35	1		03/18/24 16:28	541-73-1	
1,3-Dichloropropane	<0.30	ug/L	1.0	0.30	1		03/18/24 16:28	142-28-9	
1,4-Dichlorobenzene	<0.89	ug/L	1.0	0.89	1		03/18/24 16:28	106-46-7	
2,2-Dichloropropane	<0.42	ug/L	1.0	0.42	1		03/18/24 16:28	594-20-7	
2-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		03/18/24 16:28	95-49-8	
4-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		03/18/24 16:28	106-43-4	
Benzene	<0.30	ug/L	1.0	0.30	1		03/18/24 16:28	71-43-2	
Bromobenzene	<0.36	ug/L	1.0	0.36	1		03/18/24 16:28	108-86-1	
Bromochloromethane	<0.36	ug/L	1.0	0.36	1		03/18/24 16:28	74-97-5	
Bromodichloromethane	<0.42	ug/L	1.0	0.42	1		03/18/24 16:28	75-27-4	
Bromoform	<0.43	ug/L	1.0	0.43	1		03/18/24 16:28	75-25-2	
Bromomethane	<1.2	ug/L	5.0	1.2	1		03/18/24 16:28	74-83-9	
Carbon tetrachloride	<0.37	ug/L	1.0	0.37	1		03/18/24 16:28	56-23-5	
Chlorobenzene	<0.86	ug/L	1.0	0.86	1		03/18/24 16:28	108-90-7	
Chloroethane	<1.4	ug/L	5.0	1.4	1		03/18/24 16:28	75-00-3	

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ANALYTICAL RESULTS

Project: CHW8271Q MDCC

Pace Project No.: 40275499

Sample: MW-6 Lab ID: 40275499005 Collected: 03/13/24 12:20 Received: 03/14/24 10:25 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
Chloroform	<0.50	ug/L	5.0	0.50	1		03/18/24 16:28	67-66-3	
Chloromethane	<1.6	ug/L	5.0	1.6	1		03/18/24 16:28	74-87-3	
Dibromochloromethane	<2.6	ug/L	5.0	2.6	1		03/18/24 16:28	124-48-1	
Dibromomethane	<0.99	ug/L	5.0	0.99	1		03/18/24 16:28	74-95-3	
Dichlorodifluoromethane	<0.46	ug/L	5.0	0.46	1		03/18/24 16:28	75-71-8	
Diisopropyl ether	<1.1	ug/L	5.0	1.1	1		03/18/24 16:28	108-20-3	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		03/18/24 16:28	100-41-4	
Hexachloro-1,3-butadiene	<2.7	ug/L	5.0	2.7	1		03/18/24 16:28	87-68-3	
Isopropylbenzene (Cumene)	<1.0	ug/L	5.0	1.0	1		03/18/24 16:28	98-82-8	
Methyl-tert-butyl ether	<1.1	ug/L	5.0	1.1	1		03/18/24 16:28	1634-04-4	
Methylene Chloride	<0.32	ug/L	5.0	0.32	1		03/18/24 16:28	75-09-2	
Naphthalene	<1.9	ug/L	5.0	1.9	1		03/18/24 16:28	91-20-3	
Styrene	<0.36	ug/L	1.0	0.36	1		03/18/24 16:28	100-42-5	
Tetrachloroethene	0.55J	ug/L	1.0	0.41	1		03/18/24 16:28	127-18-4	
Toluene	<0.29	ug/L	1.0	0.29	1		03/18/24 16:28	108-88-3	
Trichloroethene	16.2	ug/L	1.0	0.32	1		03/18/24 16:28	79-01-6	
Trichlorofluoromethane	<0.42	ug/L	1.0	0.42	1		03/18/24 16:28	75-69-4	
Vinyl chloride	1.0	ug/L	1.0	0.17	1		03/18/24 16:28	75-01-4	
cis-1,2-Dichloroethene	66.7	ug/L	1.0	0.47	1		03/18/24 16:28	156-59-2	
cis-1,3-Dichloropropene	<0.24	ug/L	1.0	0.24	1		03/18/24 16:28	10061-01-5	
m&p-Xylene	<0.70	ug/L	2.0	0.70	1		03/18/24 16:28	179601-23-1	
n-Butylbenzene	<0.86	ug/L	1.0	0.86	1		03/18/24 16:28	104-51-8	
n-Propylbenzene	<0.35	ug/L	1.0	0.35	1		03/18/24 16:28	103-65-1	
o-Xylene	<0.35	ug/L	1.0	0.35	1		03/18/24 16:28	95-47-6	
p-Isopropyltoluene	<1.0	ug/L	5.0	1.0	1		03/18/24 16:28	99-87-6	
sec-Butylbenzene	<0.42	ug/L	1.0	0.42	1		03/18/24 16:28	135-98-8	
tert-Butylbenzene	<0.59	ug/L	1.0	0.59	1		03/18/24 16:28	98-06-6	
trans-1,2-Dichloroethene	1.5	ug/L	1.0	0.53	1		03/18/24 16:28	156-60-5	
trans-1,3-Dichloropropene	<0.27	ug/L	1.0	0.27	1		03/18/24 16:28	10061-02-6	
Surrogates									
4-Bromofluorobenzene (S)	102	%	70-130		1		03/18/24 16:28	460-00-4	
1,2-Dichlorobenzene-d4 (S)	105	%	70-130		1		03/18/24 16:28	2199-69-1	
Toluene-d8 (S)	104	%	70-130		1		03/18/24 16:28	2037-26-5	
2320B Alkalinity									
Analytical Method: SM 2320B									
Pace Analytical Services - Green Bay									
Alkalinity, Total as CaCO3	441	mg/L	10.0	5.0	1		03/18/24 22:05		
300.0 IC Anions									
Analytical Method: EPA 300.0									
Pace Analytical Services - Green Bay									
Chloride	28.3	mg/L	2.0	0.59	1		03/14/24 23:47	16887-00-6	
Nitrate as N	<0.044	mg/L	0.15	0.044	1		03/14/24 23:47	14797-55-8	
Nitrite as N	<0.021	mg/L	0.10	0.021	1		03/14/24 23:47	14797-65-0	
Sulfate	435	mg/L	20.0	4.4	10		03/15/24 14:16	14808-79-8	

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ANALYTICAL RESULTS

Project: CHW8271Q MDCC

Pace Project No.: 40275499

Sample: MW-6 Lab ID: 40275499005 Collected: 03/13/24 12:20 Received: 03/14/24 10:25 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
5310C TOC									
Analytical Method: SM 5310C Pace Analytical Services - Green Bay									
Total Organic Carbon	3.0	mg/L	0.50	0.19	1		03/19/24 10:06	7440-44-0	

Sample: MW-7 Lab ID: 40275499006 Collected: 03/13/24 13:50 Received: 03/14/24 10:25 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
Methane, Ethane, Ethene GCV									
Analytical Method: EPA 8015B Modified Pace Analytical Services - Green Bay									
Ethane	<0.39	ug/L	5.6	0.39	1		03/18/24 10:30	74-84-0	
Ethene	<0.25	ug/L	5.0	0.25	1		03/18/24 10:30	74-85-1	
Methane	2.8	ug/L	2.8	0.58	1		03/18/24 10:30	74-82-8	
6010D MET ICP									
Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Green Bay									
Iron	88.6J	ug/L	100	56.7	1	03/15/24 06:45	03/15/24 16:57	7439-89-6	
6010D MET ICP, Dissolved									
Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Green Bay									
Iron, Dissolved	<56.7	ug/L	100	56.7	1	03/15/24 07:16	03/15/24 18:08	7439-89-6	
8260 MSV									
Analytical Method: EPA 8260 Pace Analytical Services - Green Bay									
1,1,1,2-Tetrachloroethane	<0.89	ug/L	2.5	0.89	2.5		03/18/24 18:25	630-20-6	
1,1,1-Trichloroethane	2.4J	ug/L	2.5	0.76	2.5		03/18/24 18:25	71-55-6	
1,1,2,2-Tetrachloroethane	<0.94	ug/L	2.5	0.94	2.5		03/18/24 18:25	79-34-5	
1,1,2-Trichloroethane	<0.86	ug/L	2.5	0.86	2.5		03/18/24 18:25	79-00-5	
1,1-Dichloroethane	3.3	ug/L	2.5	0.74	2.5		03/18/24 18:25	75-34-3	
1,1-Dichloroethene	<1.5	ug/L	2.5	1.5	2.5		03/18/24 18:25	75-35-4	
1,1-Dichloropropene	<1.0	ug/L	2.5	1.0	2.5		03/18/24 18:25	563-58-6	
1,2,3-Trichlorobenzene	<2.5	ug/L	12.5	2.5	2.5		03/18/24 18:25	87-61-6	
1,2,3-Trichloropropane	<1.4	ug/L	2.5	1.4	2.5		03/18/24 18:25	96-18-4	
1,2,4-Trichlorobenzene	<2.4	ug/L	12.5	2.4	2.5		03/18/24 18:25	120-82-1	
1,2,4-Trimethylbenzene	<1.1	ug/L	2.5	1.1	2.5		03/18/24 18:25	95-63-6	
1,2-Dibromo-3-chloropropane	<5.9	ug/L	12.5	5.9	2.5		03/18/24 18:25	96-12-8	
1,2-Dibromoethane (EDB)	<0.77	ug/L	2.5	0.77	2.5		03/18/24 18:25	106-93-4	
1,2-Dichlorobenzene	<0.81	ug/L	2.5	0.81	2.5		03/18/24 18:25	95-50-1	
1,2-Dichloroethane	<0.73	ug/L	2.5	0.73	2.5		03/18/24 18:25	107-06-2	
1,2-Dichloropropane	<1.1	ug/L	2.5	1.1	2.5		03/18/24 18:25	78-87-5	
1,3,5-Trimethylbenzene	<0.89	ug/L	2.5	0.89	2.5		03/18/24 18:25	108-67-8	
1,3-Dichlorobenzene	<0.88	ug/L	2.5	0.88	2.5		03/18/24 18:25	541-73-1	
1,3-Dichloropropane	<0.76	ug/L	2.5	0.76	2.5		03/18/24 18:25	142-28-9	
1,4-Dichlorobenzene	<2.2	ug/L	2.5	2.2	2.5		03/18/24 18:25	106-46-7	
2,2-Dichloropropane	<1.0	ug/L	2.5	1.0	2.5		03/18/24 18:25	594-20-7	

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ANALYTICAL RESULTS

Project: CHW8271Q MDCC

Pace Project No.: 40275499

Sample: MW-7 Lab ID: 40275499006 Collected: 03/13/24 13:50 Received: 03/14/24 10:25 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
2-Chlorotoluene	<2.2	ug/L	12.5	2.2	2.5		03/18/24 18:25	95-49-8	
4-Chlorotoluene	<2.2	ug/L	12.5	2.2	2.5		03/18/24 18:25	106-43-4	
Benzene	<0.74	ug/L	2.5	0.74	2.5		03/18/24 18:25	71-43-2	
Bromobenzene	<0.90	ug/L	2.5	0.90	2.5		03/18/24 18:25	108-86-1	
Bromochloromethane	<0.89	ug/L	2.5	0.89	2.5		03/18/24 18:25	74-97-5	
Bromodichloromethane	<1.0	ug/L	2.5	1.0	2.5		03/18/24 18:25	75-27-4	
Bromoform	<1.1	ug/L	2.5	1.1	2.5		03/18/24 18:25	75-25-2	
Bromomethane	<3.0	ug/L	12.5	3.0	2.5		03/18/24 18:25	74-83-9	
Carbon tetrachloride	<0.92	ug/L	2.5	0.92	2.5		03/18/24 18:25	56-23-5	
Chlorobenzene	<2.1	ug/L	2.5	2.1	2.5		03/18/24 18:25	108-90-7	
Chloroethane	<3.4	ug/L	12.5	3.4	2.5		03/18/24 18:25	75-00-3	
Chloroform	<1.3	ug/L	12.5	1.3	2.5		03/18/24 18:25	67-66-3	
Chloromethane	<4.1	ug/L	12.5	4.1	2.5		03/18/24 18:25	74-87-3	
Dibromochloromethane	<6.6	ug/L	12.5	6.6	2.5		03/18/24 18:25	124-48-1	
Dibromomethane	<2.5	ug/L	12.5	2.5	2.5		03/18/24 18:25	74-95-3	
Dichlorodifluoromethane	<1.1	ug/L	12.5	1.1	2.5		03/18/24 18:25	75-71-8	
Diisopropyl ether	<2.8	ug/L	12.5	2.8	2.5		03/18/24 18:25	108-20-3	
Ethylbenzene	<0.81	ug/L	2.5	0.81	2.5		03/18/24 18:25	100-41-4	
Hexachloro-1,3-butadiene	<6.8	ug/L	12.5	6.8	2.5		03/18/24 18:25	87-68-3	
Isopropylbenzene (Cumene)	<2.5	ug/L	12.5	2.5	2.5		03/18/24 18:25	98-82-8	
Methyl-tert-butyl ether	<2.8	ug/L	12.5	2.8	2.5		03/18/24 18:25	1634-04-4	
Methylene Chloride	<0.80	ug/L	12.5	0.80	2.5		03/18/24 18:25	75-09-2	
Naphthalene	<4.8	ug/L	12.5	4.8	2.5		03/18/24 18:25	91-20-3	
Styrene	<0.89	ug/L	2.5	0.89	2.5		03/18/24 18:25	100-42-5	
Tetrachloroethene	5.4	ug/L	2.5	1.0	2.5		03/18/24 18:25	127-18-4	
Toluene	<0.72	ug/L	2.5	0.72	2.5		03/18/24 18:25	108-88-3	
Trichloroethene	12.3	ug/L	2.5	0.80	2.5		03/18/24 18:25	79-01-6	
Trichlorofluoromethane	<1.0	ug/L	2.5	1.0	2.5		03/18/24 18:25	75-69-4	
Vinyl chloride	5.3	ug/L	2.5	0.44	2.5		03/18/24 18:25	75-01-4	
cis-1,2-Dichloroethene	282	ug/L	2.5	1.2	2.5		03/18/24 18:25	156-59-2	
cis-1,3-Dichloropropene	<0.59	ug/L	2.5	0.59	2.5		03/18/24 18:25	10061-01-5	
m&p-Xylene	<1.8	ug/L	5.0	1.8	2.5		03/18/24 18:25	179601-23-1	
n-Butylbenzene	<2.1	ug/L	2.5	2.1	2.5		03/18/24 18:25	104-51-8	
n-Propylbenzene	<0.86	ug/L	2.5	0.86	2.5		03/18/24 18:25	103-65-1	
o-Xylene	<0.87	ug/L	2.5	0.87	2.5		03/18/24 18:25	95-47-6	
p-Isopropyltoluene	<2.6	ug/L	12.5	2.6	2.5		03/18/24 18:25	99-87-6	
sec-Butylbenzene	<1.1	ug/L	2.5	1.1	2.5		03/18/24 18:25	135-98-8	
tert-Butylbenzene	<1.5	ug/L	2.5	1.5	2.5		03/18/24 18:25	98-06-6	
trans-1,2-Dichloroethene	19.3	ug/L	2.5	1.3	2.5		03/18/24 18:25	156-60-5	
trans-1,3-Dichloropropene	<0.66	ug/L	2.5	0.66	2.5		03/18/24 18:25	10061-02-6	
Surrogates									
4-Bromofluorobenzene (S)	102	%	70-130		2.5		03/18/24 18:25	460-00-4	
1,2-Dichlorobenzene-d4 (S)	106	%	70-130		2.5		03/18/24 18:25	2199-69-1	
Toluene-d8 (S)	102	%	70-130		2.5		03/18/24 18:25	2037-26-5	

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ANALYTICAL RESULTS

Project: CHW8271Q MDCC

Pace Project No.: 40275499

Sample: MW-7 **Lab ID: 40275499006** Collected: 03/13/24 13:50 Received: 03/14/24 10:25 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
2320B Alkalinity									
Analytical Method: SM 2320B Pace Analytical Services - Green Bay									
Alkalinity, Total as CaCO3	336	mg/L	10.0	5.0	1		03/18/24 22:16		
300.0 IC Anions									
Analytical Method: EPA 300.0 Pace Analytical Services - Green Bay									
Chloride	98.2	mg/L	10.0	3.0	5		03/15/24 15:16	16887-00-6	
Nitrate as N	<0.044	mg/L	0.15	0.044	1		03/15/24 00:02	14797-55-8	
Nitrite as N	<0.021	mg/L	0.10	0.021	1		03/15/24 00:02	14797-65-0	
Sulfate	118	mg/L	10.0	2.2	5		03/15/24 15:16	14808-79-8	
5310C TOC									
Analytical Method: SM 5310C Pace Analytical Services - Green Bay									
Total Organic Carbon	1.6	mg/L	0.50	0.19	1		03/19/24 10:22	7440-44-0	

Sample: MW-13 **Lab ID: 40275499007** Collected: 03/13/24 10:35 Received: 03/14/24 10:25 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
Methane, Ethane, Ethene GCV									
Analytical Method: EPA 8015B Modified Pace Analytical Services - Green Bay									
Ethane	<0.39	ug/L	5.6	0.39	1		03/18/24 10:37	74-84-0	
Ethene	<0.25	ug/L	5.0	0.25	1		03/18/24 10:37	74-85-1	
Methane	<0.58	ug/L	2.8	0.58	1		03/18/24 10:37	74-82-8	
6010D MET ICP									
Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Green Bay									
Iron	199	ug/L	100	56.7	1	03/15/24 06:45	03/15/24 16:59	7439-89-6	
6010D MET ICP, Dissolved									
Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Green Bay									
Iron, Dissolved	<56.7	ug/L	100	56.7	1	03/15/24 07:16	03/15/24 18:10	7439-89-6	
8260 MSV									
Analytical Method: EPA 8260 Pace Analytical Services - Green Bay									
1,1,1,2-Tetrachloroethane	<0.36	ug/L	1.0	0.36	1		03/18/24 16:48	630-20-6	
1,1,1-Trichloroethane	<0.30	ug/L	1.0	0.30	1		03/18/24 16:48	71-55-6	
1,1,2,2-Tetrachloroethane	<0.38	ug/L	1.0	0.38	1		03/18/24 16:48	79-34-5	
1,1,2-Trichloroethane	<0.34	ug/L	1.0	0.34	1		03/18/24 16:48	79-00-5	
1,1-Dichloroethane	<0.30	ug/L	1.0	0.30	1		03/18/24 16:48	75-34-3	
1,1-Dichloroethene	<0.58	ug/L	1.0	0.58	1		03/18/24 16:48	75-35-4	
1,1-Dichloropropene	<0.41	ug/L	1.0	0.41	1		03/18/24 16:48	563-58-6	
1,2,3-Trichlorobenzene	<1.0	ug/L	5.0	1.0	1		03/18/24 16:48	87-61-6	
1,2,3-Trichloropropane	<0.56	ug/L	1.0	0.56	1		03/18/24 16:48	96-18-4	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		03/18/24 16:48	120-82-1	

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ANALYTICAL RESULTS

Project: CHW8271Q MDCC

Pace Project No.: 40275499

Sample: MW-13 Lab ID: 40275499007 Collected: 03/13/24 10:35 Received: 03/14/24 10:25 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
1,2,4-Trimethylbenzene	<0.45	ug/L	1.0	0.45	1		03/18/24 16:48	95-63-6	
1,2-Dibromo-3-chloropropane	<2.4	ug/L	5.0	2.4	1		03/18/24 16:48	96-12-8	
1,2-Dibromoethane (EDB)	<0.31	ug/L	1.0	0.31	1		03/18/24 16:48	106-93-4	
1,2-Dichlorobenzene	<0.33	ug/L	1.0	0.33	1		03/18/24 16:48	95-50-1	
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		03/18/24 16:48	107-06-2	
1,2-Dichloropropane	<0.45	ug/L	1.0	0.45	1		03/18/24 16:48	78-87-5	
1,3,5-Trimethylbenzene	<0.36	ug/L	1.0	0.36	1		03/18/24 16:48	108-67-8	
1,3-Dichlorobenzene	<0.35	ug/L	1.0	0.35	1		03/18/24 16:48	541-73-1	
1,3-Dichloropropane	<0.30	ug/L	1.0	0.30	1		03/18/24 16:48	142-28-9	
1,4-Dichlorobenzene	<0.89	ug/L	1.0	0.89	1		03/18/24 16:48	106-46-7	
2,2-Dichloropropane	<0.42	ug/L	1.0	0.42	1		03/18/24 16:48	594-20-7	
2-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		03/18/24 16:48	95-49-8	
4-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		03/18/24 16:48	106-43-4	
Benzene	<0.30	ug/L	1.0	0.30	1		03/18/24 16:48	71-43-2	
Bromobenzene	<0.36	ug/L	1.0	0.36	1		03/18/24 16:48	108-86-1	
Bromochloromethane	<0.36	ug/L	1.0	0.36	1		03/18/24 16:48	74-97-5	
Bromodichloromethane	<0.42	ug/L	1.0	0.42	1		03/18/24 16:48	75-27-4	
Bromoform	<0.43	ug/L	1.0	0.43	1		03/18/24 16:48	75-25-2	
Bromomethane	<1.2	ug/L	5.0	1.2	1		03/18/24 16:48	74-83-9	
Carbon tetrachloride	<0.37	ug/L	1.0	0.37	1		03/18/24 16:48	56-23-5	
Chlorobenzene	<0.86	ug/L	1.0	0.86	1		03/18/24 16:48	108-90-7	
Chloroethane	<1.4	ug/L	5.0	1.4	1		03/18/24 16:48	75-00-3	
Chloroform	<0.50	ug/L	5.0	0.50	1		03/18/24 16:48	67-66-3	
Chloromethane	<1.6	ug/L	5.0	1.6	1		03/18/24 16:48	74-87-3	
Dibromochloromethane	<2.6	ug/L	5.0	2.6	1		03/18/24 16:48	124-48-1	
Dibromomethane	<0.99	ug/L	5.0	0.99	1		03/18/24 16:48	74-95-3	
Dichlorodifluoromethane	<0.46	ug/L	5.0	0.46	1		03/18/24 16:48	75-71-8	
Diisopropyl ether	<1.1	ug/L	5.0	1.1	1		03/18/24 16:48	108-20-3	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		03/18/24 16:48	100-41-4	
Hexachloro-1,3-butadiene	<2.7	ug/L	5.0	2.7	1		03/18/24 16:48	87-68-3	
Isopropylbenzene (Cumene)	<1.0	ug/L	5.0	1.0	1		03/18/24 16:48	98-82-8	
Methyl-tert-butyl ether	<1.1	ug/L	5.0	1.1	1		03/18/24 16:48	1634-04-4	
Methylene Chloride	<0.32	ug/L	5.0	0.32	1		03/18/24 16:48	75-09-2	
Naphthalene	<1.9	ug/L	5.0	1.9	1		03/18/24 16:48	91-20-3	
Styrene	<0.36	ug/L	1.0	0.36	1		03/18/24 16:48	100-42-5	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		03/18/24 16:48	127-18-4	
Toluene	<0.29	ug/L	1.0	0.29	1		03/18/24 16:48	108-88-3	
Trichloroethene	<0.32	ug/L	1.0	0.32	1		03/18/24 16:48	79-01-6	
Trichlorofluoromethane	<0.42	ug/L	1.0	0.42	1		03/18/24 16:48	75-69-4	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		03/18/24 16:48	75-01-4	
cis-1,2-Dichloroethene	<0.47	ug/L	1.0	0.47	1		03/18/24 16:48	156-59-2	
cis-1,3-Dichloropropene	<0.24	ug/L	1.0	0.24	1		03/18/24 16:48	10061-01-5	
m&p-Xylene	<0.70	ug/L	2.0	0.70	1		03/18/24 16:48	179601-23-1	
n-Butylbenzene	<0.86	ug/L	1.0	0.86	1		03/18/24 16:48	104-51-8	
n-Propylbenzene	<0.35	ug/L	1.0	0.35	1		03/18/24 16:48	103-65-1	

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ANALYTICAL RESULTS

Project: CHW8271Q MDCC

Pace Project No.: 40275499

Sample: MW-13 **Lab ID: 40275499007** Collected: 03/13/24 10:35 Received: 03/14/24 10:25 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
o-Xylene	<0.35	ug/L	1.0	0.35	1		03/18/24 16:48	95-47-6	
p-Isopropyltoluene	<1.0	ug/L	5.0	1.0	1		03/18/24 16:48	99-87-6	
sec-Butylbenzene	<0.42	ug/L	1.0	0.42	1		03/18/24 16:48	135-98-8	
tert-Butylbenzene	<0.59	ug/L	1.0	0.59	1		03/18/24 16:48	98-06-6	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		03/18/24 16:48	156-60-5	
trans-1,3-Dichloropropene	<0.27	ug/L	1.0	0.27	1		03/18/24 16:48	10061-02-6	
Surrogates									
4-Bromofluorobenzene (S)	101	%	70-130		1		03/18/24 16:48	460-00-4	
1,2-Dichlorobenzene-d4 (S)	106	%	70-130		1		03/18/24 16:48	2199-69-1	
Toluene-d8 (S)	102	%	70-130		1		03/18/24 16:48	2037-26-5	
2320B Alkalinity									
Analytical Method: SM 2320B									
Pace Analytical Services - Green Bay									
Alkalinity, Total as CaCO3	480	mg/L	10.0	5.0	1		03/18/24 22:25		
300.0 IC Anions									
Analytical Method: EPA 300.0									
Pace Analytical Services - Green Bay									
Chloride	17.1	mg/L	2.0	0.59	1		03/15/24 00:17	16887-00-6	
Nitrate as N	<0.044	mg/L	0.15	0.044	1		03/15/24 00:17	14797-55-8	
Nitrite as N	<0.021	mg/L	0.10	0.021	1		03/15/24 00:17	14797-65-0	
Sulfate	32.9	mg/L	2.0	0.44	1		03/15/24 00:17	14808-79-8	
5310C TOC									
Analytical Method: SM 5310C									
Pace Analytical Services - Green Bay									
Total Organic Carbon	1.6	mg/L	0.50	0.19	1		03/19/24 10:38	7440-44-0	

Sample: MW-14 **Lab ID: 40275499008** Collected: 03/13/24 10:25 Received: 03/14/24 10:25 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
Methane, Ethane, Ethene GCV									
Analytical Method: EPA 8015B Modified									
Pace Analytical Services - Green Bay									
Ethane	<0.39	ug/L	5.6	0.39	1		03/18/24 10:44	74-84-0	
Ethene	<0.25	ug/L	5.0	0.25	1		03/18/24 10:44	74-85-1	
Methane	1.7J	ug/L	2.8	0.58	1		03/18/24 10:44	74-82-8	
6010D MET ICP									
Analytical Method: EPA 6010D Preparation Method: EPA 3010A									
Pace Analytical Services - Green Bay									
Iron	5240	ug/L	100	56.7	1	03/15/24 06:45	03/15/24 16:34	7439-89-6	
6010D MET ICP, Dissolved									
Analytical Method: EPA 6010D Preparation Method: EPA 3010A									
Pace Analytical Services - Green Bay									
Iron, Dissolved	1080	ug/L	100	56.7	1	03/15/24 07:16	03/15/24 17:44	7439-89-6	

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ANALYTICAL RESULTS

Project: CHW8271Q MDCC

Pace Project No.: 40275499

Sample: MW-14 Lab ID: 40275499008 Collected: 03/13/24 10:25 Received: 03/14/24 10:25 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
1,1,1,2-Tetrachloroethane	<0.36	ug/L	1.0	0.36	1		03/18/24 12:19	630-20-6	
1,1,1-Trichloroethane	<0.30	ug/L	1.0	0.30	1		03/18/24 12:19	71-55-6	
1,1,2,2-Tetrachloroethane	<0.38	ug/L	1.0	0.38	1		03/18/24 12:19	79-34-5	
1,1,2-Trichloroethane	<0.34	ug/L	1.0	0.34	1		03/18/24 12:19	79-00-5	
1,1-Dichloroethane	<0.30	ug/L	1.0	0.30	1		03/18/24 12:19	75-34-3	
1,1-Dichloroethene	<0.58	ug/L	1.0	0.58	1		03/18/24 12:19	75-35-4	
1,1-Dichloropropene	<0.41	ug/L	1.0	0.41	1		03/18/24 12:19	563-58-6	
1,2,3-Trichlorobenzene	<1.0	ug/L	5.0	1.0	1		03/18/24 12:19	87-61-6	
1,2,3-Trichloropropane	<0.56	ug/L	1.0	0.56	1		03/18/24 12:19	96-18-4	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		03/18/24 12:19	120-82-1	
1,2,4-Trimethylbenzene	<0.45	ug/L	1.0	0.45	1		03/18/24 12:19	95-63-6	
1,2-Dibromo-3-chloropropane	<2.4	ug/L	5.0	2.4	1		03/18/24 12:19	96-12-8	
1,2-Dibromoethane (EDB)	<0.31	ug/L	1.0	0.31	1		03/18/24 12:19	106-93-4	
1,2-Dichlorobenzene	<0.33	ug/L	1.0	0.33	1		03/18/24 12:19	95-50-1	
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		03/18/24 12:19	107-06-2	
1,2-Dichloropropane	<0.45	ug/L	1.0	0.45	1		03/18/24 12:19	78-87-5	
1,3,5-Trimethylbenzene	<0.36	ug/L	1.0	0.36	1		03/18/24 12:19	108-67-8	
1,3-Dichlorobenzene	<0.35	ug/L	1.0	0.35	1		03/18/24 12:19	541-73-1	
1,3-Dichloropropane	<0.30	ug/L	1.0	0.30	1		03/18/24 12:19	142-28-9	
1,4-Dichlorobenzene	<0.89	ug/L	1.0	0.89	1		03/18/24 12:19	106-46-7	
2,2-Dichloropropane	<0.42	ug/L	1.0	0.42	1		03/18/24 12:19	594-20-7	
2-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		03/18/24 12:19	95-49-8	
4-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		03/18/24 12:19	106-43-4	
Benzene	<0.30	ug/L	1.0	0.30	1		03/18/24 12:19	71-43-2	
Bromobenzene	<0.36	ug/L	1.0	0.36	1		03/18/24 12:19	108-86-1	
Bromochloromethane	<0.36	ug/L	1.0	0.36	1		03/18/24 12:19	74-97-5	
Bromodichloromethane	<0.42	ug/L	1.0	0.42	1		03/18/24 12:19	75-27-4	
Bromoform	<0.43	ug/L	1.0	0.43	1		03/18/24 12:19	75-25-2	
Bromomethane	<1.2	ug/L	5.0	1.2	1		03/18/24 12:19	74-83-9	
Carbon tetrachloride	<0.37	ug/L	1.0	0.37	1		03/18/24 12:19	56-23-5	
Chlorobenzene	<0.86	ug/L	1.0	0.86	1		03/18/24 12:19	108-90-7	
Chloroethane	<1.4	ug/L	5.0	1.4	1		03/18/24 12:19	75-00-3	
Chloroform	<0.50	ug/L	5.0	0.50	1		03/18/24 12:19	67-66-3	
Chloromethane	<1.6	ug/L	5.0	1.6	1		03/18/24 12:19	74-87-3	
Dibromochloromethane	<2.6	ug/L	5.0	2.6	1		03/18/24 12:19	124-48-1	
Dibromomethane	<0.99	ug/L	5.0	0.99	1		03/18/24 12:19	74-95-3	
Dichlorodifluoromethane	<0.46	ug/L	5.0	0.46	1		03/18/24 12:19	75-71-8	
Diisopropyl ether	<1.1	ug/L	5.0	1.1	1		03/18/24 12:19	108-20-3	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		03/18/24 12:19	100-41-4	
Hexachloro-1,3-butadiene	<2.7	ug/L	5.0	2.7	1		03/18/24 12:19	87-68-3	
Isopropylbenzene (Cumene)	<1.0	ug/L	5.0	1.0	1		03/18/24 12:19	98-82-8	
Methyl-tert-butyl ether	<1.1	ug/L	5.0	1.1	1		03/18/24 12:19	1634-04-4	
Methylene Chloride	<0.32	ug/L	5.0	0.32	1		03/18/24 12:19	75-09-2	
Naphthalene	<1.9	ug/L	5.0	1.9	1		03/18/24 12:19	91-20-3	
Styrene	<0.36	ug/L	1.0	0.36	1		03/18/24 12:19	100-42-5	

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ANALYTICAL RESULTS

Project: CHW8271Q MDCC

Pace Project No.: 40275499

Sample: MW-14 **Lab ID: 40275499008** Collected: 03/13/24 10:25 Received: 03/14/24 10:25 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		03/18/24 12:19	127-18-4	
Toluene	<0.29	ug/L	1.0	0.29	1		03/18/24 12:19	108-88-3	
Trichloroethene	<0.32	ug/L	1.0	0.32	1		03/18/24 12:19	79-01-6	
Trichlorofluoromethane	<0.42	ug/L	1.0	0.42	1		03/18/24 12:19	75-69-4	
Vinyl chloride	0.33J	ug/L	1.0	0.17	1		03/18/24 12:19	75-01-4	
cis-1,2-Dichloroethene	35.1	ug/L	1.0	0.47	1		03/18/24 12:19	156-59-2	
cis-1,3-Dichloropropene	<0.24	ug/L	1.0	0.24	1		03/18/24 12:19	10061-01-5	
m&p-Xylene	<0.70	ug/L	2.0	0.70	1		03/18/24 12:19	179601-23-1	
n-Butylbenzene	<0.86	ug/L	1.0	0.86	1		03/18/24 12:19	104-51-8	
n-Propylbenzene	<0.35	ug/L	1.0	0.35	1		03/18/24 12:19	103-65-1	
o-Xylene	<0.35	ug/L	1.0	0.35	1		03/18/24 12:19	95-47-6	
p-Isopropyltoluene	<1.0	ug/L	5.0	1.0	1		03/18/24 12:19	99-87-6	
sec-Butylbenzene	<0.42	ug/L	1.0	0.42	1		03/18/24 12:19	135-98-8	
tert-Butylbenzene	<0.59	ug/L	1.0	0.59	1		03/18/24 12:19	98-06-6	
trans-1,2-Dichloroethene	3.4	ug/L	1.0	0.53	1		03/18/24 12:19	156-60-5	
trans-1,3-Dichloropropene	<0.27	ug/L	1.0	0.27	1		03/18/24 12:19	10061-02-6	
Surrogates									
4-Bromofluorobenzene (S)	103	%	70-130		1		03/18/24 12:19	460-00-4	
1,2-Dichlorobenzene-d4 (S)	106	%	70-130		1		03/18/24 12:19	2199-69-1	
Toluene-d8 (S)	102	%	70-130		1		03/18/24 12:19	2037-26-5	

2320B Alkalinity									
Analytical Method: SM 2320B									
Pace Analytical Services - Green Bay									
Alkalinity, Total as CaCO3	400	mg/L	10.0	5.0	1		03/18/24 22:37		
300.0 IC Anions									
Analytical Method: EPA 300.0									
Pace Analytical Services - Green Bay									
Chloride	94.8	mg/L	10.0	3.0	5		03/15/24 15:30	16887-00-6	
Nitrate as N	<0.044	mg/L	0.15	0.044	1		03/15/24 00:32	14797-55-8	M0
Nitrite as N	<0.021	mg/L	0.10	0.021	1		03/15/24 00:32	14797-65-0	M0
Sulfate	132	mg/L	10.0	2.2	5		03/15/24 15:30	14808-79-8	

5310C TOC									
Analytical Method: SM 5310C									
Pace Analytical Services - Green Bay									
Total Organic Carbon	2.0	mg/L	0.50	0.19	1		03/19/24 10:54	7440-44-0	

Sample: TRIP BLANK **Lab ID: 40275499009** Collected: 03/13/24 00:00 Received: 03/14/24 10:25 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
1,1,1,2-Tetrachloroethane	<0.36	ug/L	1.0	0.36	1		03/18/24 11:39	630-20-6	

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ANALYTICAL RESULTS

Project: CHW8271Q MDCC

Pace Project No.: 40275499

Sample: TRIP BLANK Lab ID: 40275499009 Collected: 03/13/24 00:00 Received: 03/14/24 10:25 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
1,1,1-Trichloroethane	<0.30	ug/L	1.0	0.30	1		03/18/24 11:39	71-55-6	
1,1,2,2-Tetrachloroethane	<0.38	ug/L	1.0	0.38	1		03/18/24 11:39	79-34-5	
1,1,2-Trichloroethane	<0.34	ug/L	1.0	0.34	1		03/18/24 11:39	79-00-5	
1,1-Dichloroethane	<0.30	ug/L	1.0	0.30	1		03/18/24 11:39	75-34-3	
1,1-Dichloroethene	<0.58	ug/L	1.0	0.58	1		03/18/24 11:39	75-35-4	
1,1-Dichloropropene	<0.41	ug/L	1.0	0.41	1		03/18/24 11:39	563-58-6	
1,2,3-Trichlorobenzene	<1.0	ug/L	5.0	1.0	1		03/18/24 11:39	87-61-6	
1,2,3-Trichloropropane	<0.56	ug/L	1.0	0.56	1		03/18/24 11:39	96-18-4	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		03/18/24 11:39	120-82-1	
1,2,4-Trimethylbenzene	<0.45	ug/L	1.0	0.45	1		03/18/24 11:39	95-63-6	
1,2-Dibromo-3-chloropropane	<2.4	ug/L	5.0	2.4	1		03/18/24 11:39	96-12-8	
1,2-Dibromoethane (EDB)	<0.31	ug/L	1.0	0.31	1		03/18/24 11:39	106-93-4	
1,2-Dichlorobenzene	<0.33	ug/L	1.0	0.33	1		03/18/24 11:39	95-50-1	
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		03/18/24 11:39	107-06-2	
1,2-Dichloropropane	<0.45	ug/L	1.0	0.45	1		03/18/24 11:39	78-87-5	
1,3,5-Trimethylbenzene	<0.36	ug/L	1.0	0.36	1		03/18/24 11:39	108-67-8	
1,3-Dichlorobenzene	<0.35	ug/L	1.0	0.35	1		03/18/24 11:39	541-73-1	
1,3-Dichloropropane	<0.30	ug/L	1.0	0.30	1		03/18/24 11:39	142-28-9	
1,4-Dichlorobenzene	<0.89	ug/L	1.0	0.89	1		03/18/24 11:39	106-46-7	
2,2-Dichloropropane	<0.42	ug/L	1.0	0.42	1		03/18/24 11:39	594-20-7	
2-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		03/18/24 11:39	95-49-8	
4-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		03/18/24 11:39	106-43-4	
Benzene	<0.30	ug/L	1.0	0.30	1		03/18/24 11:39	71-43-2	
Bromobenzene	<0.36	ug/L	1.0	0.36	1		03/18/24 11:39	108-86-1	
Bromochloromethane	<0.36	ug/L	1.0	0.36	1		03/18/24 11:39	74-97-5	
Bromodichloromethane	<0.42	ug/L	1.0	0.42	1		03/18/24 11:39	75-27-4	
Bromoform	<0.43	ug/L	1.0	0.43	1		03/18/24 11:39	75-25-2	
Bromomethane	<1.2	ug/L	5.0	1.2	1		03/18/24 11:39	74-83-9	
Carbon tetrachloride	<0.37	ug/L	1.0	0.37	1		03/18/24 11:39	56-23-5	
Chlorobenzene	<0.86	ug/L	1.0	0.86	1		03/18/24 11:39	108-90-7	
Chloroethane	<1.4	ug/L	5.0	1.4	1		03/18/24 11:39	75-00-3	
Chloroform	<0.50	ug/L	5.0	0.50	1		03/18/24 11:39	67-66-3	
Chloromethane	<1.6	ug/L	5.0	1.6	1		03/18/24 11:39	74-87-3	
Dibromochloromethane	<2.6	ug/L	5.0	2.6	1		03/18/24 11:39	124-48-1	
Dibromomethane	<0.99	ug/L	5.0	0.99	1		03/18/24 11:39	74-95-3	
Dichlorodifluoromethane	<0.46	ug/L	5.0	0.46	1		03/18/24 11:39	75-71-8	
Diisopropyl ether	<1.1	ug/L	5.0	1.1	1		03/18/24 11:39	108-20-3	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		03/18/24 11:39	100-41-4	
Hexachloro-1,3-butadiene	<2.7	ug/L	5.0	2.7	1		03/18/24 11:39	87-68-3	
Isopropylbenzene (Cumene)	<1.0	ug/L	5.0	1.0	1		03/18/24 11:39	98-82-8	
Methyl-tert-butyl ether	<1.1	ug/L	5.0	1.1	1		03/18/24 11:39	1634-04-4	
Methylene Chloride	<0.32	ug/L	5.0	0.32	1		03/18/24 11:39	75-09-2	
Naphthalene	<1.9	ug/L	5.0	1.9	1		03/18/24 11:39	91-20-3	
Styrene	<0.36	ug/L	1.0	0.36	1		03/18/24 11:39	100-42-5	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		03/18/24 11:39	127-18-4	

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ANALYTICAL RESULTS

Project: CHW8271Q MDCC

Pace Project No.: 40275499

Sample: TRIP BLANK Lab ID: 40275499009 Collected: 03/13/24 00:00 Received: 03/14/24 10:25 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV		Analytical Method: EPA 8260 Pace Analytical Services - Green Bay							
Toluene	<0.29	ug/L	1.0	0.29	1		03/18/24 11:39	108-88-3	
Trichloroethene	<0.32	ug/L	1.0	0.32	1		03/18/24 11:39	79-01-6	
Trichlorofluoromethane	<0.42	ug/L	1.0	0.42	1		03/18/24 11:39	75-69-4	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		03/18/24 11:39	75-01-4	
cis-1,2-Dichloroethene	<0.47	ug/L	1.0	0.47	1		03/18/24 11:39	156-59-2	
cis-1,3-Dichloropropene	<0.24	ug/L	1.0	0.24	1		03/18/24 11:39	10061-01-5	
m&p-Xylene	<0.70	ug/L	2.0	0.70	1		03/18/24 11:39	179601-23-1	
n-Butylbenzene	<0.86	ug/L	1.0	0.86	1		03/18/24 11:39	104-51-8	
n-Propylbenzene	<0.35	ug/L	1.0	0.35	1		03/18/24 11:39	103-65-1	
o-Xylene	<0.35	ug/L	1.0	0.35	1		03/18/24 11:39	95-47-6	
p-Isopropyltoluene	<1.0	ug/L	5.0	1.0	1		03/18/24 11:39	99-87-6	
sec-Butylbenzene	<0.42	ug/L	1.0	0.42	1		03/18/24 11:39	135-98-8	
tert-Butylbenzene	<0.59	ug/L	1.0	0.59	1		03/18/24 11:39	98-06-6	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		03/18/24 11:39	156-60-5	
trans-1,3-Dichloropropene	<0.27	ug/L	1.0	0.27	1		03/18/24 11:39	10061-02-6	
Surrogates									
4-Bromofluorobenzene (S)	102	%	70-130		1		03/18/24 11:39	460-00-4	
1,2-Dichlorobenzene-d4 (S)	105	%	70-130		1		03/18/24 11:39	2199-69-1	
Toluene-d8 (S)	104	%	70-130		1		03/18/24 11:39	2037-26-5	

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QUALITY CONTROL DATA

Project: CHW8271Q MDCC

Pace Project No.: 40275499

QC Batch:	469416	Analysis Method:	EPA 8015B Modified
QC Batch Method:	EPA 8015B Modified	Analysis Description:	Methane, Ethane, Ethene GCV
		Laboratory:	Pace Analytical Services - Green Bay
Associated Lab Samples:	40275499001, 40275499002, 40275499003, 40275499004, 40275499005, 40275499006, 40275499007, 40275499008		

METHOD BLANK:	2689589	Matrix:	Water
Associated Lab Samples:	40275499001, 40275499002, 40275499003, 40275499004, 40275499005, 40275499006, 40275499007, 40275499008		

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Ethane	ug/L	<0.39	5.6	03/18/24 09:26	
Ethene	ug/L	<0.25	5.0	03/18/24 09:26	
Methane	ug/L	<0.58	2.8	03/18/24 09:26	

Parameter	Units	2689590		2689591		% Rec Limits	RPD	Max RPD	Qualifiers
		Spike Conc.	LCS Result	LCSD Result	LCS % Rec				
Ethane	ug/L	53.6	57.0	60.6	106	113	80-120	6	20
Ethene	ug/L	50	52.4	55.7	105	111	80-120	6	20
Methane	ug/L	28.6	29.4	31.6	103	110	80-120	7	20

Parameter	Units	2689592		2689593		% Rec Limits	RPD	Max RPD	Qual		
		MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result					MS % Rec	MSD % Rec
Ethane	ug/L	<0.39	53.6	53.6	57.0	58.7	106	110	77-120	3	20
Ethene	ug/L	<0.25	50	50	53.2	54.4	106	109	76-120	2	20
Methane	ug/L	1.7J	28.6	28.6	31.4	32.7	104	109	12-198	4	26

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QUALITY CONTROL DATA

Project: CHW8271Q MDCC

Pace Project No.: 40275499

QC Batch: 469245

Analysis Method: EPA 6010D

QC Batch Method: EPA 3010A

Analysis Description: 6010D MET

Laboratory: Pace Analytical Services - Green Bay

Associated Lab Samples: 40275499001, 40275499002, 40275499003, 40275499004, 40275499005, 40275499006, 40275499007, 40275499008

METHOD BLANK: 2688591

Matrix: Water

Associated Lab Samples: 40275499001, 40275499002, 40275499003, 40275499004, 40275499005, 40275499006, 40275499007, 40275499008

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Iron	ug/L	<56.7	100	03/15/24 16:23	

LABORATORY CONTROL SAMPLE: 2688592

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Iron	ug/L	10000	10400	104	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2688593 2688594

Parameter	Units	40275499008		2688594		MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result						
Iron	ug/L	5240	10000	15700	15500	105	103	75-125	1	20	

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QUALITY CONTROL DATA

Project: CHW8271Q MDCC

Pace Project No.: 40275499

QC Batch:	469259	Analysis Method:	EPA 6010D
QC Batch Method:	EPA 3010A	Analysis Description:	6010D MET Dissolved
		Laboratory:	Pace Analytical Services - Green Bay
Associated Lab Samples:	40275499001, 40275499002, 40275499003, 40275499004, 40275499005, 40275499006, 40275499007, 40275499008		

METHOD BLANK:	2688634	Matrix:	Water
Associated Lab Samples:	40275499001, 40275499002, 40275499003, 40275499004, 40275499005, 40275499006, 40275499007, 40275499008		

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Iron, Dissolved	ug/L	<56.7	100	03/15/24 17:32	

LABORATORY CONTROL SAMPLE: 2688635						
Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Iron, Dissolved	ug/L	10000	10200	102	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2688636												2688637	
Parameter	Units	40275499008 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual	
Iron, Dissolved	ug/L	1080	10000	10000	11800	11600	108	105	75-125	2	20		

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QUALITY CONTROL DATA

Project: CHW8271Q MDCC

Pace Project No.: 40275499

QC Batch: 469154

Analysis Method: EPA 8260

QC Batch Method: EPA 8260

Analysis Description: 8260 MSV

Laboratory: Pace Analytical Services - Green Bay

Associated Lab Samples: 40275499003

METHOD BLANK: 2687806

Matrix: Water

Associated Lab Samples: 40275499003

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	<0.36	1.0	03/18/24 15:16	
1,1,1-Trichloroethane	ug/L	<0.30	1.0	03/18/24 15:16	
1,1,2,2-Tetrachloroethane	ug/L	<0.38	1.0	03/18/24 15:16	
1,1,2-Trichloroethane	ug/L	<0.34	1.0	03/18/24 15:16	
1,1-Dichloroethane	ug/L	<0.30	1.0	03/18/24 15:16	
1,1-Dichloroethene	ug/L	<0.58	1.0	03/18/24 15:16	
1,1-Dichloropropene	ug/L	<0.41	1.0	03/18/24 15:16	
1,2,3-Trichlorobenzene	ug/L	<1.0	5.0	03/18/24 15:16	
1,2,3-Trichloropropane	ug/L	<0.56	1.0	03/18/24 15:16	
1,2,4-Trichlorobenzene	ug/L	<0.95	5.0	03/18/24 15:16	
1,2,4-Trimethylbenzene	ug/L	<0.45	1.0	03/18/24 15:16	
1,2-Dibromo-3-chloropropane	ug/L	<2.4	5.0	03/18/24 15:16	
1,2-Dibromoethane (EDB)	ug/L	<0.31	1.0	03/18/24 15:16	
1,2-Dichlorobenzene	ug/L	<0.33	1.0	03/18/24 15:16	
1,2-Dichloroethane	ug/L	<0.29	1.0	03/18/24 15:16	
1,2-Dichloropropane	ug/L	<0.45	1.0	03/18/24 15:16	
1,3,5-Trimethylbenzene	ug/L	<0.36	1.0	03/18/24 15:16	
1,3-Dichlorobenzene	ug/L	<0.35	1.0	03/18/24 15:16	
1,3-Dichloropropane	ug/L	<0.30	1.0	03/18/24 15:16	
1,4-Dichlorobenzene	ug/L	<0.89	1.0	03/18/24 15:16	
2,2-Dichloropropane	ug/L	<0.42	1.0	03/18/24 15:16	
2-Chlorotoluene	ug/L	<0.89	5.0	03/18/24 15:16	
4-Chlorotoluene	ug/L	<0.89	5.0	03/18/24 15:16	
Benzene	ug/L	<0.30	1.0	03/18/24 15:16	
Bromobenzene	ug/L	<0.36	1.0	03/18/24 15:16	
Bromochloromethane	ug/L	<0.36	1.0	03/18/24 15:16	
Bromodichloromethane	ug/L	<0.42	1.0	03/18/24 15:16	
Bromoform	ug/L	<0.43	1.0	03/18/24 15:16	
Bromomethane	ug/L	<1.2	5.0	03/18/24 15:16	
Carbon tetrachloride	ug/L	<0.37	1.0	03/18/24 15:16	
Chlorobenzene	ug/L	<0.86	1.0	03/18/24 15:16	
Chloroethane	ug/L	<1.4	5.0	03/18/24 15:16	
Chloroform	ug/L	<0.50	5.0	03/18/24 15:16	
Chloromethane	ug/L	<1.6	5.0	03/18/24 15:16	
cis-1,2-Dichloroethene	ug/L	<0.47	1.0	03/18/24 15:16	
cis-1,3-Dichloropropene	ug/L	<0.24	1.0	03/18/24 15:16	
Dibromochloromethane	ug/L	<2.6	5.0	03/18/24 15:16	
Dibromomethane	ug/L	<0.99	5.0	03/18/24 15:16	
Dichlorodifluoromethane	ug/L	<0.46	5.0	03/18/24 15:16	
Diisopropyl ether	ug/L	<1.1	5.0	03/18/24 15:16	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: CHW8271Q MDCC

Pace Project No.: 40275499

METHOD BLANK: 2687806

Matrix: Water

Associated Lab Samples: 40275499003

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Ethylbenzene	ug/L	<0.33	1.0	03/18/24 15:16	
Hexachloro-1,3-butadiene	ug/L	<2.7	5.0	03/18/24 15:16	
Isopropylbenzene (Cumene)	ug/L	<1.0	5.0	03/18/24 15:16	
m&p-Xylene	ug/L	<0.70	2.0	03/18/24 15:16	
Methyl-tert-butyl ether	ug/L	<1.1	5.0	03/18/24 15:16	
Methylene Chloride	ug/L	<0.32	5.0	03/18/24 15:16	
n-Butylbenzene	ug/L	<0.86	1.0	03/18/24 15:16	
n-Propylbenzene	ug/L	<0.35	1.0	03/18/24 15:16	
Naphthalene	ug/L	<1.9	5.0	03/18/24 15:16	
o-Xylene	ug/L	<0.35	1.0	03/18/24 15:16	
p-Isopropyltoluene	ug/L	<1.0	5.0	03/18/24 15:16	
sec-Butylbenzene	ug/L	<0.42	1.0	03/18/24 15:16	
Styrene	ug/L	<0.36	1.0	03/18/24 15:16	
tert-Butylbenzene	ug/L	<0.59	1.0	03/18/24 15:16	
Tetrachloroethene	ug/L	<0.41	1.0	03/18/24 15:16	
Toluene	ug/L	<0.29	1.0	03/18/24 15:16	
trans-1,2-Dichloroethene	ug/L	<0.53	1.0	03/18/24 15:16	
trans-1,3-Dichloropropene	ug/L	<0.27	1.0	03/18/24 15:16	
Trichloroethene	ug/L	<0.32	1.0	03/18/24 15:16	
Trichlorofluoromethane	ug/L	<0.42	1.0	03/18/24 15:16	
Vinyl chloride	ug/L	<0.17	1.0	03/18/24 15:16	
1,2-Dichlorobenzene-d4 (S)	%	98	70-130	03/18/24 15:16	
4-Bromofluorobenzene (S)	%	101	70-130	03/18/24 15:16	
Toluene-d8 (S)	%	102	70-130	03/18/24 15:16	

LABORATORY CONTROL SAMPLE: 2687807

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/L	50	48.3	97	70-132	
1,1,2,2-Tetrachloroethane	ug/L	50	47.8	96	70-130	
1,1,2-Trichloroethane	ug/L	50	49.6	99	70-130	
1,1-Dichloroethane	ug/L	50	53.2	106	70-130	
1,1-Dichloroethene	ug/L	50	47.6	95	73-140	
1,2,4-Trichlorobenzene	ug/L	50	43.6	87	70-130	
1,2-Dibromo-3-chloropropane	ug/L	50	49.5	99	58-130	
1,2-Dibromoethane (EDB)	ug/L	50	56.5	113	70-130	
1,2-Dichlorobenzene	ug/L	50	48.3	97	70-130	
1,2-Dichloroethane	ug/L	50	50.4	101	70-130	
1,2-Dichloropropane	ug/L	50	52.7	105	77-127	
1,3-Dichlorobenzene	ug/L	50	48.4	97	70-130	
1,4-Dichlorobenzene	ug/L	50	50.8	102	70-130	
Benzene	ug/L	50	49.5	99	70-130	
Bromodichloromethane	ug/L	50	52.0	104	70-130	
Bromoform	ug/L	50	41.9	84	70-130	

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QUALITY CONTROL DATA

Project: CHW8271Q MDCC

Pace Project No.: 40275499

LABORATORY CONTROL SAMPLE: 2687807

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Bromomethane	ug/L	50	57.1	114	22-141	
Carbon tetrachloride	ug/L	50	45.1	90	70-135	
Chlorobenzene	ug/L	50	49.8	100	70-130	
Chloroethane	ug/L	50	54.0	108	59-141	
Chloroform	ug/L	50	49.2	98	80-124	
Chloromethane	ug/L	50	49.7	99	29-150	
cis-1,2-Dichloroethene	ug/L	50	47.0	94	70-130	
cis-1,3-Dichloropropene	ug/L	50	43.4	87	70-130	
Dibromochloromethane	ug/L	50	43.4	87	70-130	
Dichlorodifluoromethane	ug/L	50	54.0	108	10-147	
Ethylbenzene	ug/L	50	50.6	101	80-125	
Isopropylbenzene (Cumene)	ug/L	50	47.0	94	70-130	
m&p-Xylene	ug/L	100	100	100	70-130	
Methyl-tert-butyl ether	ug/L	50	43.0	86	64-131	
Methylene Chloride	ug/L	50	50.1	100	70-137	
o-Xylene	ug/L	50	50.5	101	70-130	
Styrene	ug/L	50	50.7	101	70-130	
Tetrachloroethene	ug/L	50	44.4	89	70-130	
Toluene	ug/L	50	51.1	102	80-120	
trans-1,2-Dichloroethene	ug/L	50	50.0	100	70-131	
trans-1,3-Dichloropropene	ug/L	50	43.3	87	70-130	
Trichloroethene	ug/L	50	49.8	100	70-130	
Trichlorofluoromethane	ug/L	50	50.1	100	69-141	
Vinyl chloride	ug/L	50	53.8	108	51-145	
1,2-Dichlorobenzene-d4 (S)	%			97	70-130	
4-Bromofluorobenzene (S)	%			103	70-130	
Toluene-d8 (S)	%			101	70-130	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2689831 2689832

Parameter	Units	MS		MSD		MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		40275499003	Result	Spike Conc.	Spike Conc.								
1,1,1-Trichloroethane	ug/L	<0.30	500	500	459	489	92	98	70-132	6	20		
1,1,2,2-Tetrachloroethane	ug/L	<0.38	500	500	486	530	97	106	70-131	9	20		
1,1,2-Trichloroethane	ug/L	<0.34	500	500	489	523	98	105	70-130	7	20		
1,1-Dichloroethane	ug/L	<0.30	500	500	525	554	105	111	70-131	5	20		
1,1-Dichloroethene	ug/L	1.2	500	500	443	479	88	95	69-146	8	20		
1,2,4-Trichlorobenzene	ug/L	<0.95	500	500	396	447	79	89	70-130	12	20		
1,2-Dibromo-3-chloropropane	ug/L	<2.4	500	500	491	556	98	111	56-130	12	20		
1,2-Dibromoethane (EDB)	ug/L	<0.31	500	500	550	604	110	121	70-130	9	20		
1,2-Dichlorobenzene	ug/L	<0.33	500	500	460	494	92	99	70-130	7	20		
1,2-Dichloroethane	ug/L	<0.29	500	500	505	537	101	107	70-130	6	20		
1,2-Dichloropropane	ug/L	<0.45	500	500	514	546	103	109	77-129	6	20		
1,3-Dichlorobenzene	ug/L	<0.35	500	500	461	493	92	99	70-130	7	20		

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QUALITY CONTROL DATA

Project: CHW8271Q MDCC

Pace Project No.: 40275499

Parameter	Units	2689831			2689832			% Rec	% Rec	% Rec	Limits	RPD	Max RPD	Qual
		40275499003	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec							
1,4-Dichlorobenzene	ug/L	<0.89	500	500	474	517	95	103	70-130	9	20			
Benzene	ug/L	<0.30	500	500	481	510	96	102	70-130	6	20			
Bromodichloromethane	ug/L	<0.42	500	500	517	553	103	111	70-130	7	20			
Bromoform	ug/L	<0.43	500	500	394	421	79	84	70-130	7	20			
Bromomethane	ug/L	<1.2	500	500	440	523	88	105	12-159	17	26			
Carbon tetrachloride	ug/L	<0.37	500	500	434	458	87	92	70-135	5	20			
Chlorobenzene	ug/L	<0.86	500	500	481	512	96	102	70-130	6	20			
Chloroethane	ug/L	<1.4	500	500	537	567	107	113	56-143	6	20			
Chloroform	ug/L	<0.50	500	500	482	510	96	102	80-126	6	20			
Chloromethane	ug/L	<1.6	500	500	438	459	88	92	22-156	5	20			
cis-1,2-Dichloroethene	ug/L	620	500	500	1040	1080	85	93	70-130	4	20			
cis-1,3-Dichloropropene	ug/L	<0.24	500	500	409	444	82	89	70-130	8	20			
Dibromochloromethane	ug/L	<2.6	500	500	417	449	83	90	70-130	7	20			
Dichlorodifluoromethane	ug/L	<0.46	500	500	405	431	81	86	10-147	6	20			
Ethylbenzene	ug/L	<0.33	500	500	487	521	97	104	80-126	7	20			
Isopropylbenzene (Cumene)	ug/L	<1.0	500	500	452	477	90	95	70-130	5	20			
m&p-Xylene	ug/L	<0.70	1000	1000	964	1020	96	102	70-130	5	20			
Methyl-tert-butyl ether	ug/L	<1.1	500	500	390	423	78	85	64-136	8	20			
Methylene Chloride	ug/L	<0.32	500	500	491	522	98	104	70-137	6	20			
o-Xylene	ug/L	<0.35	500	500	473	506	95	101	70-130	7	20			
Styrene	ug/L	<0.36	500	500	493	523	99	105	70-133	6	20			
Tetrachloroethene	ug/L	<0.41	500	500	422	452	84	90	70-131	7	20			
Toluene	ug/L	<0.29	500	500	494	521	99	104	80-121	5	20			
trans-1,2-Dichloroethene	ug/L	5.0	500	500	478	514	95	102	70-135	7	20			
trans-1,3-Dichloropropene	ug/L	<0.27	500	500	419	455	84	91	70-130	8	20			
Trichloroethene	ug/L	<0.32	500	500	476	498	95	100	70-130	5	20			
Trichlorofluoromethane	ug/L	<0.42	500	500	471	498	94	100	67-142	6	20			
Vinyl chloride	ug/L	20.8	500	500	510	541	98	104	45-147	6	20			
1,2-Dichlorobenzene-d4 (S)	%						97	98	70-130					
4-Bromofluorobenzene (S)	%						104	106	70-130					
Toluene-d8 (S)	%						103	103	70-130					

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QUALITY CONTROL DATA

Project: CHW8271Q MDCC

Pace Project No.: 40275499

QC Batch: 469266

Analysis Method: EPA 8260

QC Batch Method: EPA 8260

Analysis Description: 8260 MSV

Laboratory: Pace Analytical Services - Green Bay

Associated Lab Samples: 40275499001, 40275499002, 40275499004, 40275499005, 40275499006, 40275499007, 40275499008, 40275499009

METHOD BLANK: 2688642

Matrix: Water

Associated Lab Samples: 40275499001, 40275499002, 40275499004, 40275499005, 40275499006, 40275499007, 40275499008, 40275499009

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	<0.36	1.0	03/18/24 09:01	
1,1,1-Trichloroethane	ug/L	<0.30	1.0	03/18/24 09:01	
1,1,2,2-Tetrachloroethane	ug/L	<0.38	1.0	03/18/24 09:01	
1,1,2-Trichloroethane	ug/L	<0.34	1.0	03/18/24 09:01	
1,1-Dichloroethane	ug/L	<0.30	1.0	03/18/24 09:01	
1,1-Dichloroethene	ug/L	<0.58	1.0	03/18/24 09:01	
1,1-Dichloropropene	ug/L	<0.41	1.0	03/18/24 09:01	
1,2,3-Trichlorobenzene	ug/L	<1.0	5.0	03/18/24 09:01	
1,2,3-Trichloropropane	ug/L	<0.56	1.0	03/18/24 09:01	
1,2,4-Trichlorobenzene	ug/L	<0.95	5.0	03/18/24 09:01	
1,2,4-Trimethylbenzene	ug/L	<0.45	1.0	03/18/24 09:01	
1,2-Dibromo-3-chloropropane	ug/L	<2.4	5.0	03/18/24 09:01	
1,2-Dibromoethane (EDB)	ug/L	<0.31	1.0	03/18/24 09:01	
1,2-Dichlorobenzene	ug/L	<0.33	1.0	03/18/24 09:01	
1,2-Dichloroethane	ug/L	<0.29	1.0	03/18/24 09:01	
1,2-Dichloropropane	ug/L	<0.45	1.0	03/18/24 09:01	
1,3,5-Trimethylbenzene	ug/L	<0.36	1.0	03/18/24 09:01	
1,3-Dichlorobenzene	ug/L	<0.35	1.0	03/18/24 09:01	
1,3-Dichloropropane	ug/L	<0.30	1.0	03/18/24 09:01	
1,4-Dichlorobenzene	ug/L	<0.89	1.0	03/18/24 09:01	
2,2-Dichloropropane	ug/L	<0.42	1.0	03/18/24 09:01	
2-Chlorotoluene	ug/L	<0.89	5.0	03/18/24 09:01	
4-Chlorotoluene	ug/L	<0.89	5.0	03/18/24 09:01	
Benzene	ug/L	<0.30	1.0	03/18/24 09:01	
Bromobenzene	ug/L	<0.36	1.0	03/18/24 09:01	
Bromochloromethane	ug/L	<0.36	1.0	03/18/24 09:01	
Bromodichloromethane	ug/L	<0.42	1.0	03/18/24 09:01	
Bromoform	ug/L	<0.43	1.0	03/18/24 09:01	
Bromomethane	ug/L	<1.2	5.0	03/18/24 09:01	
Carbon tetrachloride	ug/L	<0.37	1.0	03/18/24 09:01	
Chlorobenzene	ug/L	<0.86	1.0	03/18/24 09:01	
Chloroethane	ug/L	<1.4	5.0	03/18/24 09:01	
Chloroform	ug/L	<0.50	5.0	03/18/24 09:01	
Chloromethane	ug/L	<1.6	5.0	03/18/24 09:01	
cis-1,2-Dichloroethene	ug/L	<0.47	1.0	03/18/24 09:01	
cis-1,3-Dichloropropene	ug/L	<0.24	1.0	03/18/24 09:01	
Dibromochloromethane	ug/L	<2.6	5.0	03/18/24 09:01	
Dibromomethane	ug/L	<0.99	5.0	03/18/24 09:01	
Dichlorodifluoromethane	ug/L	<0.46	5.0	03/18/24 09:01	

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QUALITY CONTROL DATA

Project: CHW8271Q MDCC

Pace Project No.: 40275499

METHOD BLANK: 2688642

Matrix: Water

Associated Lab Samples: 40275499001, 40275499002, 40275499004, 40275499005, 40275499006, 40275499007, 40275499008, 40275499009

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Diisopropyl ether	ug/L	<1.1	5.0	03/18/24 09:01	
Ethylbenzene	ug/L	<0.33	1.0	03/18/24 09:01	
Hexachloro-1,3-butadiene	ug/L	<2.7	5.0	03/18/24 09:01	
Isopropylbenzene (Cumene)	ug/L	<1.0	5.0	03/18/24 09:01	
m&p-Xylene	ug/L	<0.70	2.0	03/18/24 09:01	
Methyl-tert-butyl ether	ug/L	<1.1	5.0	03/18/24 09:01	
Methylene Chloride	ug/L	<0.32	5.0	03/18/24 09:01	
n-Butylbenzene	ug/L	<0.86	1.0	03/18/24 09:01	
n-Propylbenzene	ug/L	<0.35	1.0	03/18/24 09:01	
Naphthalene	ug/L	<1.9	5.0	03/18/24 09:01	
o-Xylene	ug/L	<0.35	1.0	03/18/24 09:01	
p-Isopropyltoluene	ug/L	<1.0	5.0	03/18/24 09:01	
sec-Butylbenzene	ug/L	<0.42	1.0	03/18/24 09:01	
Styrene	ug/L	<0.36	1.0	03/18/24 09:01	
tert-Butylbenzene	ug/L	<0.59	1.0	03/18/24 09:01	
Tetrachloroethene	ug/L	<0.41	1.0	03/18/24 09:01	
Toluene	ug/L	<0.29	1.0	03/18/24 09:01	
trans-1,2-Dichloroethene	ug/L	<0.53	1.0	03/18/24 09:01	
trans-1,3-Dichloropropene	ug/L	<0.27	1.0	03/18/24 09:01	
Trichloroethene	ug/L	<0.32	1.0	03/18/24 09:01	
Trichlorofluoromethane	ug/L	<0.42	1.0	03/18/24 09:01	
Vinyl chloride	ug/L	<0.17	1.0	03/18/24 09:01	
1,2-Dichlorobenzene-d4 (S)	%	103	70-130	03/18/24 09:01	
4-Bromofluorobenzene (S)	%	102	70-130	03/18/24 09:01	
Toluene-d8 (S)	%	104	70-130	03/18/24 09:01	

LABORATORY CONTROL SAMPLE: 2688643

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/L	50	51.1	102	70-132	
1,1,1,2-Tetrachloroethane	ug/L	50	51.3	103	70-130	
1,1,2-Trichloroethane	ug/L	50	50.0	100	70-130	
1,1-Dichloroethane	ug/L	50	50.4	101	70-130	
1,1-Dichloroethene	ug/L	50	55.6	111	73-140	
1,2,4-Trichlorobenzene	ug/L	50	41.8	84	70-130	
1,2-Dibromo-3-chloropropane	ug/L	50	44.1	88	58-130	
1,2-Dibromoethane (EDB)	ug/L	50	49.6	99	70-130	
1,2-Dichlorobenzene	ug/L	50	54.1	108	70-130	
1,2-Dichloroethane	ug/L	50	54.5	109	70-130	
1,2-Dichloropropane	ug/L	50	47.2	94	77-127	
1,3-Dichlorobenzene	ug/L	50	52.7	105	70-130	
1,4-Dichlorobenzene	ug/L	50	56.5	113	70-130	
Benzene	ug/L	50	50.0	100	70-130	

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QUALITY CONTROL DATA

Project: CHW8271Q MDCC

Pace Project No.: 40275499

LABORATORY CONTROL SAMPLE: 2688643

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Bromodichloromethane	ug/L	50	54.1	108	70-130	
Bromoform	ug/L	50	44.1	88	70-130	
Bromomethane	ug/L	50	57.0	114	22-141	
Carbon tetrachloride	ug/L	50	55.4	111	70-135	
Chlorobenzene	ug/L	50	55.8	112	70-130	
Chloroethane	ug/L	50	56.9	114	59-141	
Chloroform	ug/L	50	52.3	105	80-124	
Chloromethane	ug/L	50	59.8	120	29-150	
cis-1,2-Dichloroethene	ug/L	50	49.4	99	70-130	
cis-1,3-Dichloropropene	ug/L	50	46.0	92	70-130	
Dibromochloromethane	ug/L	50	49.6	99	70-130	
Dichlorodifluoromethane	ug/L	50	59.2	118	10-147	
Ethylbenzene	ug/L	50	55.0	110	80-125	
Isopropylbenzene (Cumene)	ug/L	50	50.4	101	70-130	
m&p-Xylene	ug/L	100	111	111	70-130	
Methyl-tert-butyl ether	ug/L	50	42.3	85	64-131	
Methylene Chloride	ug/L	50	57.0	114	70-137	
o-Xylene	ug/L	50	54.4	109	70-130	
Styrene	ug/L	50	56.1	112	70-130	
Tetrachloroethene	ug/L	50	50.3	101	70-130	
Toluene	ug/L	50	54.0	108	80-120	
trans-1,2-Dichloroethene	ug/L	50	54.1	108	70-131	
trans-1,3-Dichloropropene	ug/L	50	43.9	88	70-130	
Trichloroethene	ug/L	50	52.3	105	70-130	
Trichlorofluoromethane	ug/L	50	57.7	115	69-141	
Vinyl chloride	ug/L	50	56.6	113	51-145	
1,2-Dichlorobenzene-d4 (S)	%			99	70-130	
4-Bromofluorobenzene (S)	%			100	70-130	
Toluene-d8 (S)	%			102	70-130	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2688644 2688645

Parameter	Units	MS 40275499008		MSD 2688645		MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		Result	Spike Conc.	Spike Conc.	Result								
1,1,1-Trichloroethane	ug/L	<0.30	50	50	50.7	52.7	101	105	70-132	4	20		
1,1,2,2-Tetrachloroethane	ug/L	<0.38	50	50	48.2	52.0	96	104	70-131	8	20		
1,1,2-Trichloroethane	ug/L	<0.34	50	50	48.8	52.2	98	104	70-130	7	20		
1,1-Dichloroethane	ug/L	<0.30	50	50	50.8	53.3	102	107	70-131	5	20		
1,1-Dichloroethene	ug/L	<0.58	50	50	55.7	54.4	111	109	69-146	2	20		
1,2,4-Trichlorobenzene	ug/L	<0.95	50	50	41.5	42.9	83	86	70-130	3	20		
1,2-Dibromo-3-chloropropane	ug/L	<2.4	50	50	41.2	45.0	82	90	56-130	9	20		
1,2-Dibromoethane (EDB)	ug/L	<0.31	50	50	47.3	50.7	95	101	70-130	7	20		
1,2-Dichlorobenzene	ug/L	<0.33	50	50	55.1	57.6	110	115	70-130	4	20		
1,2-Dichloroethane	ug/L	<0.29	50	50	51.6	55.4	103	111	70-130	7	20		

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: CHW8271Q MDCC

Pace Project No.: 40275499

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2688644 2688645												
Parameter	Units	MS		MSD		MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	Max RPD	Qual
		40275499008 Result	Spike Conc.	Spike Conc.	MS Result							
1,2-Dichloropropane	ug/L	<0.45	50	50	47.4	49.9	95	100	77-129	5	20	
1,3-Dichlorobenzene	ug/L	<0.35	50	50	53.4	55.2	107	110	70-130	3	20	
1,4-Dichlorobenzene	ug/L	<0.89	50	50	56.5	59.0	113	118	70-130	4	20	
Benzene	ug/L	<0.30	50	50	49.5	51.7	99	103	70-130	4	20	
Bromodichloromethane	ug/L	<0.42	50	50	52.6	55.2	105	110	70-130	5	20	
Bromoform	ug/L	<0.43	50	50	42.0	43.2	84	86	70-130	3	20	
Bromomethane	ug/L	<1.2	50	50	60.3	63.9	121	128	12-159	6	26	
Carbon tetrachloride	ug/L	<0.37	50	50	54.0	56.9	108	114	70-135	5	20	
Chlorobenzene	ug/L	<0.86	50	50	55.0	58.2	110	116	70-130	6	20	
Chloroethane	ug/L	<1.4	50	50	55.6	55.3	111	111	56-143	1	20	
Chloroform	ug/L	<0.50	50	50	52.3	55.6	105	111	80-126	6	20	
Chloromethane	ug/L	<1.6	50	50	54.7	55.9	109	112	22-156	2	20	
cis-1,2-Dichloroethene	ug/L	35.1	50	50	83.0	86.1	96	102	70-130	4	20	
cis-1,3-Dichloropropene	ug/L	<0.24	50	50	43.6	46.4	87	93	70-130	6	20	
Dibromochloromethane	ug/L	<2.6	50	50	48.8	50.8	98	102	70-130	4	20	
Dichlorodifluoromethane	ug/L	<0.46	50	50	57.0	59.0	114	118	10-147	4	20	
Ethylbenzene	ug/L	<0.33	50	50	54.9	56.5	110	113	80-126	3	20	
Isopropylbenzene (Cumene)	ug/L	<1.0	50	50	49.6	52.4	99	105	70-130	5	20	
m&p-Xylene	ug/L	<0.70	100	100	110	113	110	113	70-130	3	20	
Methyl-tert-butyl ether	ug/L	<1.1	50	50	39.4	42.9	79	86	64-136	9	20	
Methylene Chloride	ug/L	<0.32	50	50	54.8	58.2	110	116	70-137	6	20	
o-Xylene	ug/L	<0.35	50	50	54.3	56.6	109	113	70-130	4	20	
Styrene	ug/L	<0.36	50	50	55.4	58.4	111	117	70-133	5	20	
Tetrachloroethene	ug/L	<0.41	50	50	50.0	51.6	100	103	70-131	3	20	
Toluene	ug/L	<0.29	50	50	54.3	54.9	109	110	80-121	1	20	
trans-1,2-Dichloroethene	ug/L	3.4	50	50	59.7	59.8	113	113	70-135	0	20	
trans-1,3-Dichloropropene	ug/L	<0.27	50	50	43.2	45.1	86	90	70-130	4	20	
Trichloroethene	ug/L	<0.32	50	50	51.6	53.7	103	107	70-130	4	20	
Trichlorofluoromethane	ug/L	<0.42	50	50	57.6	58.8	115	118	67-142	2	20	
Vinyl chloride	ug/L	0.33J	50	50	54.3	55.1	108	110	45-147	2	20	
1,2-Dichlorobenzene-d4 (S)	%						99	99	70-130			
4-Bromofluorobenzene (S)	%						100	99	70-130			
Toluene-d8 (S)	%						105	103	70-130			

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QUALITY CONTROL DATA

Project: CHW8271Q MDCC

Pace Project No.: 40275499

QC Batch: 469489

Analysis Method: SM 2320B

QC Batch Method: SM 2320B

Analysis Description: 2320B Alkalinity

Laboratory: Pace Analytical Services - Green Bay

Associated Lab Samples: 40275499001, 40275499002, 40275499003, 40275499004, 40275499005, 40275499006, 40275499007, 40275499008

METHOD BLANK: 2689914

Matrix: Water

Associated Lab Samples: 40275499001, 40275499002, 40275499003, 40275499004, 40275499005, 40275499006, 40275499007, 40275499008

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Alkalinity, Total as CaCO3	mg/L	<5.0	10.0	03/18/24 19:56	

LABORATORY CONTROL SAMPLE: 2689915

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Alkalinity, Total as CaCO3	mg/L	200	201	101	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2689916 2689917

Parameter	Units	MS		MSD		MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		40275499008 Result	Spike Conc.	Spike Conc.	Result						
Alkalinity, Total as CaCO3	mg/L	400	200	200	562	572	81	86	80-120	2	20

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QUALITY CONTROL DATA

Project: CHW8271Q MDCC

Pace Project No.: 40275499

QC Batch:	469216	Analysis Method:	EPA 300.0
QC Batch Method:	EPA 300.0	Analysis Description:	300.0 IC Anions
		Laboratory:	Pace Analytical Services - Green Bay
Associated Lab Samples:	40275499001, 40275499002, 40275499003, 40275499004, 40275499005, 40275499006, 40275499007, 40275499008		

METHOD BLANK:	2688310	Matrix:	Water
Associated Lab Samples:	40275499001, 40275499002, 40275499003, 40275499004, 40275499005, 40275499006, 40275499007, 40275499008		

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Chloride	mg/L	<0.59	2.0	03/14/24 20:56	
Nitrate as N	mg/L	<0.044	0.15	03/14/24 20:56	
Nitrite as N	mg/L	<0.021	0.10	03/14/24 20:56	
Sulfate	mg/L	<0.44	2.0	03/14/24 20:56	

LABORATORY CONTROL SAMPLE: 2688311						
Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Chloride	mg/L	20	20.7	104	90-110	
Nitrate as N	mg/L	1.5	1.6	104	90-110	
Nitrite as N	mg/L	1	1.0	105	90-110	
Sulfate	mg/L	20	20.6	103	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2688312 2688313												
Parameter	Units	40275499008 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Chloride	mg/L	94.8	100	100	196	195	101	100	90-110	0	15	
Nitrate as N	mg/L	<0.044	1.5	1.5	2.0	2.0	134	135	90-110	1	15 M0	
Nitrite as N	mg/L	<0.021	1	1	0.85	0.86	85	86	90-110	1	15 M0	
Sulfate	mg/L	132	100	100	233	232	101	100	90-110	0	15	

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QUALITY CONTROL DATA

Project: CHW8271Q MDCC

Pace Project No.: 40275499

QC Batch: 469502

Analysis Method: SM 5310C

QC Batch Method: SM 5310C

Analysis Description: 5310C Total Organic Carbon

Laboratory: Pace Analytical Services - Green Bay

Associated Lab Samples: 40275499001, 40275499002, 40275499003, 40275499004, 40275499005, 40275499006, 40275499007, 40275499008

METHOD BLANK: 2689946

Matrix: Water

Associated Lab Samples: 40275499001, 40275499002, 40275499003, 40275499004, 40275499005, 40275499006, 40275499007, 40275499008

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Total Organic Carbon	mg/L	<0.19	0.50	03/19/24 05:51	

LABORATORY CONTROL SAMPLE: 2689947

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Total Organic Carbon	mg/L	12.5	11.8	95	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2689948 2689949

Parameter	Units	10686184001 Result	MS		MSD		MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
			Spike Conc.	MS Result	MSD Result	MSD Result						
Total Organic Carbon	mg/L	5.1	6	6	10.5	10.7	90	92	80-120	1	10	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2689950 2689951

Parameter	Units	40275499008 Result	MS		MSD		MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
			Spike Conc.	MS Result	MSD Result	MSD Result						
Total Organic Carbon	mg/L	2.0	6	6	7.5	7.6	92	94	80-120	1	10	

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QUALIFIERS

Project: CHW8271Q MDCC

Pace Project No.: 40275499

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 - The reported result is an estimated value.

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.

DL - Adjusted Method Detection Limit.

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 - Analyte was not detected and is reported as less than the LOD or as defined by the customer.

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.

ANALYTE QUALIFIERS

D3 Sample was diluted due to the presence of high levels of non-target analytes or other matrix interference.

M0 Matrix spike recovery and/or matrix spike duplicate recovery was outside laboratory control limits.

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: CHW8271Q MDCC

Pace Project No.: 40275499

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
40275499001	MW-1R	EPA 8015B Modified	469416		
40275499002	MW-1R DUP	EPA 8015B Modified	469416		
40275499003	PMW-1	EPA 8015B Modified	469416		
40275499004	PMW-2	EPA 8015B Modified	469416		
40275499005	MW-6	EPA 8015B Modified	469416		
40275499006	MW-7	EPA 8015B Modified	469416		
40275499007	MW-13	EPA 8015B Modified	469416		
40275499008	MW-14	EPA 8015B Modified	469416		
40275499001	MW-1R	EPA 3010A	469245	EPA 6010D	469321
40275499002	MW-1R DUP	EPA 3010A	469245	EPA 6010D	469321
40275499003	PMW-1	EPA 3010A	469245	EPA 6010D	469321
40275499004	PMW-2	EPA 3010A	469245	EPA 6010D	469321
40275499005	MW-6	EPA 3010A	469245	EPA 6010D	469321
40275499006	MW-7	EPA 3010A	469245	EPA 6010D	469321
40275499007	MW-13	EPA 3010A	469245	EPA 6010D	469321
40275499008	MW-14	EPA 3010A	469245	EPA 6010D	469321
40275499001	MW-1R	EPA 3010A	469259	EPA 6010D	469322
40275499002	MW-1R DUP	EPA 3010A	469259	EPA 6010D	469322
40275499003	PMW-1	EPA 3010A	469259	EPA 6010D	469322
40275499004	PMW-2	EPA 3010A	469259	EPA 6010D	469322
40275499005	MW-6	EPA 3010A	469259	EPA 6010D	469322
40275499006	MW-7	EPA 3010A	469259	EPA 6010D	469322
40275499007	MW-13	EPA 3010A	469259	EPA 6010D	469322
40275499008	MW-14	EPA 3010A	469259	EPA 6010D	469322
40275499001	MW-1R	EPA 8260	469266		
40275499002	MW-1R DUP	EPA 8260	469266		
40275499003	PMW-1	EPA 8260	469154		
40275499004	PMW-2	EPA 8260	469266		
40275499005	MW-6	EPA 8260	469266		
40275499006	MW-7	EPA 8260	469266		
40275499007	MW-13	EPA 8260	469266		
40275499008	MW-14	EPA 8260	469266		
40275499009	TRIP BLANK	EPA 8260	469266		
40275499001	MW-1R	SM 2320B	469489		
40275499002	MW-1R DUP	SM 2320B	469489		
40275499003	PMW-1	SM 2320B	469489		
40275499004	PMW-2	SM 2320B	469489		
40275499005	MW-6	SM 2320B	469489		
40275499006	MW-7	SM 2320B	469489		
40275499007	MW-13	SM 2320B	469489		
40275499008	MW-14	SM 2320B	469489		
40275499001	MW-1R	EPA 300.0	469216		
40275499002	MW-1R DUP	EPA 300.0	469216		
40275499003	PMW-1	EPA 300.0	469216		
40275499004	PMW-2	EPA 300.0	469216		

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: CHW8271Q MDCC
 Pace Project No.: 40275499

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
40275499005	MW-6	EPA 300.0	469216		
40275499006	MW-7	EPA 300.0	469216		
40275499007	MW-13	EPA 300.0	469216		
40275499008	MW-14	EPA 300.0	469216		
40275499001	MW-1R	SM 5310C	469502		
40275499002	MW-1R DUP	SM 5310C	469502		
40275499003	PMW-1	SM 5310C	469502		
40275499004	PMW-2	SM 5310C	469502		
40275499005	MW-6	SM 5310C	469502		
40275499006	MW-7	SM 5310C	469502		
40275499007	MW-13	SM 5310C	469502		
40275499008	MW-14	SM 5310C	469502		

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Effective Date: 8/16/2022

Client Name: Geosyntec Consultants Sample Preservation Receipt Form Project # 40275499

All containers needing preservation have been checked and noted below.

Yes No N/A

Initial when completed MJA Date/Time

Lab Lot# of pH paper 1000134

Lab Std #ID of preservation (if pH adjusted)

Pace Lab #	Glass						Plastic					Vials				Jars				General		VOA Vials (>6mm) *	H2SO4 pH ≤2	NaOH+Zn Act pH ≥9	NaOH pH ≥12	HNO3 pH ≤2	pH after adjusted	Volume (mL)						
	AG1U	BG1U	AG1H	AG4S	AG5U	AG2S	BP1U	BP3U	BP3B	BP3N	BP3S	BP2Z	VG9C	DG9T	VG9U	VG9H	VG9M	VG9D	JGFU	JG9U	WGFU								WPFU	SP5T	ZPLC	GN 1	GN 2	
001																																		2.5 / 5
002																																	2.5 / 5	
003																																	2.5 / 5	
004																																	2.5 / 5	
005																																	2.5 / 5	
006																																	2.5 / 5	
007																																	2.5 / 5	
008																																	2.5 / 5	
009																																	2.5 / 5	
010																																	2.5 / 5	
011																																	2.5 / 5	
012																																	2.5 / 5	
013																																	2.5 / 5	
014																																	2.5 / 5	
015																																	2.5 / 5	
016																																	2.5 / 5	
017																																	2.5 / 5	
018																																	2.5 / 5	
019																																	2.5 / 5	
020																																	2.5 / 5	

Handwritten: 03/14/2024 MJA

Exceptions to preservation check VOA, Coliform, TOC, TOX, TOH, O&G, WI DRO, Phenolics, Other: _____ Headspace in VOA Vials (>6mm) Yes No N/A *If yes look in headspace column

AG1U	1 liter amber glass	BP1U	1 liter plastic unpres	VG9C	40 mL clear ascorbic w/ HCl	JGFU	4 oz amber jar unpres
BG1U	1 liter clear glass	BP3U	250 mL plastic unpres	DG9T	40 mL amber Na Thio	JG9U	9 oz amber jar unpres
AG1H	1 liter amber glass HCL	BP3B	250 mL plastic NaOH	VG9U	40 mL clear vial unpres	WGFU	4 oz clear jar unpres
AG4S	125 mL amber glass H2SO4	BP3N	250 mL plastic HNO3	VG9H	40 mL clear vial HCL	WPFU	4 oz plastic jar unpres
AG5U	100 mL amber glass unpres	BP3S	250 mL plastic H2SO4	VG9M	40 mL clear vial MeOH	SP5T	120 mL plastic Na Thiosulfate
AG2S	500 mL amber glass H2SO4	BP2Z	500 mL plastic NaOH + Zn	VG9D	40 mL clear vial DI	ZPLC	ziploc bag
BG3U	250 mL clear glass unpres					GN 1	
						GN 2	

Sample Condition Upon Receipt Form (SCUR)

Project #:

Client Name: Geo Syntec Consultants

WO#: **40275499**

Courier: CS Logistics Fed Ex Speedee UPS Waltco
 Client Pace Other: _____



Tracking #: 775535290091

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 - 131 Type of Ice: Wet Blue Dry None Meltwater Only

Cooler Temperature Un/corr: 1.0 /Corr. 0.5

Temp Blank Present: yes no Biological Tissue is Frozen: yes no

Person examining contents:
 Date: 03/14/2024 Initials: MJS
 Labeled By Initials: SKW

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.
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.
- DI VOA Samples frozen upon receipt	<input type="checkbox"/> Yes <input type="checkbox"/> No	Date/Time.
Short Hold Time Analysis (<72hr):	<input checked="" type="checkbox"/> Yes <input 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 checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A		
Correct Containers Used:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	9.
Correct Type: <u>Pace Green Bay</u> , Pace IR, Non-Pace		
Containers Intact:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	10.
Filtered volume received for Dissolved tests	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input 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	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
Pace Trip Blank Lot # (if purchased): <u>515</u>		

Trip blank test added to COC, after trip blank vials were discovered in the provided cooler. MJS 03/14/2024

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 log