

January 12, 2021

Your Reference
BRRTS #02-30-000327

Our Reference
60646104

Paul Grittner
Wisconsin Department of Natural
Resources
141 NW Barstow Street,
Room 180
Waukesha, WI 53188

**Groundwater Results - KEP Wells and Piezometers installed for Groundwater Remediation Monitoring -
Baseline Event**

Dear Mr. Grittner

The purpose of this submittal is to transmit the attached laboratory analytical reports and draft results tables in general conformance with the WDNR conditional approval of the Remedial Design Report (Groundwater) dated February 12, 2020 and as stated in the letter for compliance with Wisconsin Administrative Code NR 724(3m). The letter states that updated figures or contaminant trends are not required as part of this transmittal. The following items are provided for your files.

Figure 2 – Site Layout and Monitoring Locations. Please note that these are the installed locations of the monitoring wells and that well pairs were installed within the plumes in Areas 2 and 3 as required by the conditional approval of the groundwater design.

Tables 2A, 2B and 2C, tabulating the results of the December sample event. Please note that for existing wells some of the more recent data was included for comparison purposes.

Three laboratory analytical reports for the December data included on the tables.

Yours sincerely,

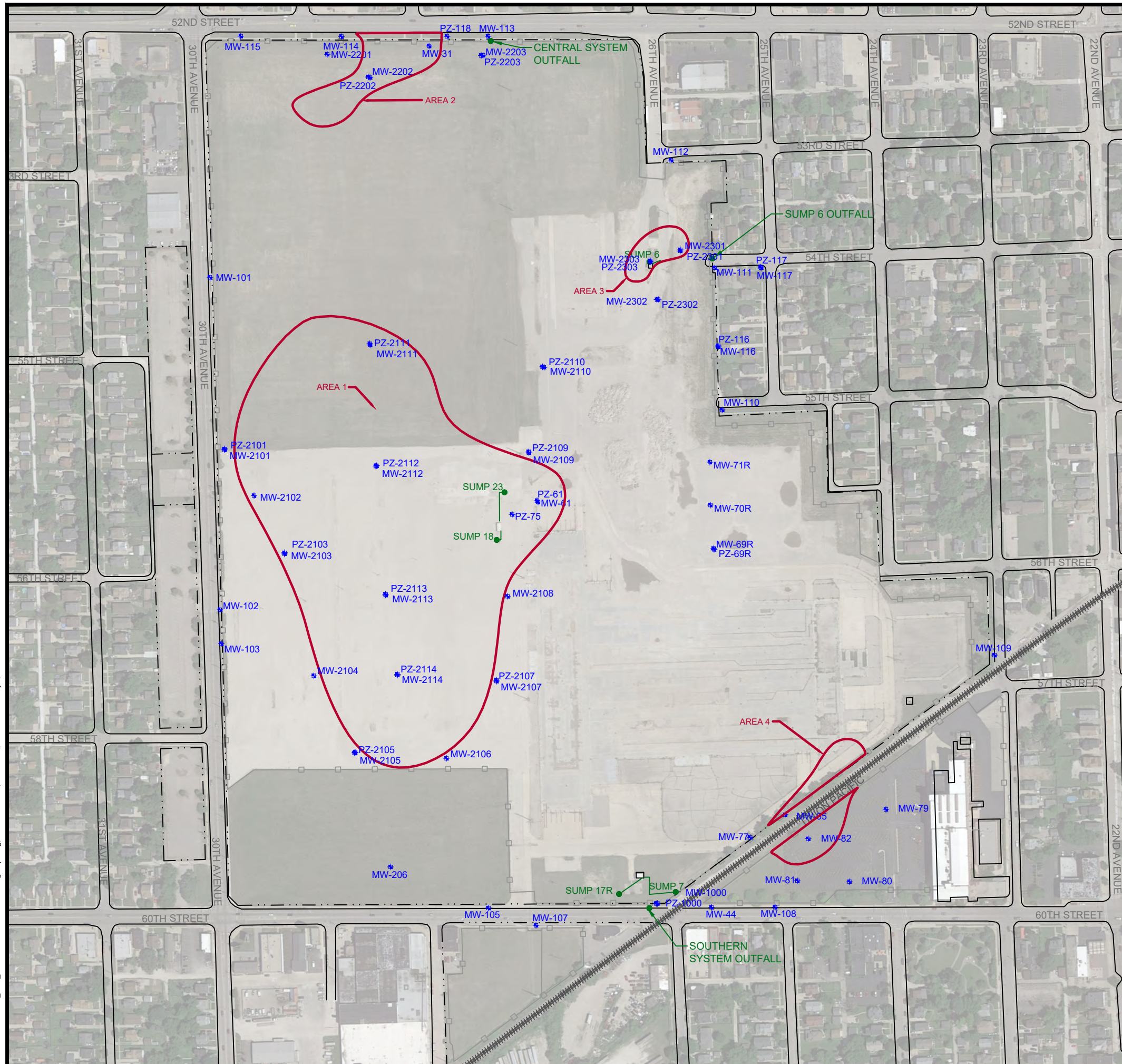


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enclosures: Sample Location Figure
Groundwater Results Tables
Laboratory Analytical Reports

cc: Shelly Billingsley, PE, Director of Public Works, 625 52nd Street, Room 305, Kenosha,
Wisconsin 53140

File: P:\06066104\900_CAD_GIS\CAD\KPEP - GW\Rem Design_Rpt.dwg; USER: SCHOLZ, CAROLYN; PLOTTED: January 7, 2021 - 1:42 PM



LEGEND

- APPROXIMATE SITE BOUNDARY
- ++++ RAILROAD
- EXISTING FENCE
- REMEDIATION BUILDING
- SUMPS AND SANITARY OUTFALLS
- SUMP UTILITY LINES
- * MONITORING WELLS AND PIEZOMETERS - EXISTING PERIMETER MONITORING LOCATIONS
- * MONITORING WELLS AND PIEZOMETERS - PROPOSED REMEDIAL MONITORING LOCATIONS
- PLANNED REMEDIAL TREATMENT AREAS

NOTES

1. AERIAL PHOTOGRAPH FROM GOOGLE EARTH PRO, IMAGE DATED 7/6/2018; DOWNLOADED ON 12/3/2018.
2. BORDER DISCONTINUITIES ARE DUE TO ANGLE OF 2018 AERIAL.



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 Milwaukee, WI 53212
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SITE LAYOUT AND MONITORING LOCATIONS
KENOSHA ENGINE PLANT
CITY OF KENOSHA
KENOSHA, WISCONSIN



Drawn :	SAE	12/5/2018
Checked:	KC	12/5/2018
Approved:	LLA	12/5/2018
PROJECT NUMBER	60646104	
FIGURE NUMBER	2	

Table 2A
Detected Volatile Organic Compounds in Groundwater Samples
KEP Monitoring Wells and Piezometers

Treatment Area	Sample Location	Analyte Units	1,1,1-Trichloroethane	1,1-Dichloroethane	1,1-Dichloroethene	Benzene	Chloroethane	cis-1,2-Dichloroethene	Ethyl benzene	Methylene Chloride	Tetra chloro ethene	Toluene	trans-1,2-Dichloro ethene	Trichloro ethene	Vinyl chloride	Xylene (Total)		
			ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l
			ES	200	850	7	5	400	70	700	5	5	800	100	5	0.2	2000	
		PAL	40	85	0.7	0.5	80	7	140	0.5	0.5	160	20	0.5	0.02	400		
		Date																
1	MW-2101	12/9/2020	< 0.24	< 0.27	< 0.24	< 0.25	< 1.3	<u>19</u>	< 0.32	< 0.58	< 0.33	< 0.27	< 0.46	<u>0.74</u> ^J	249	< 1.5		
1	PZ-2101	12/9/2020	< 122	< 136	< 122	< 123	< 671	17600	< 159	< 290	< 163	< 135	< 232	40300	258 ^J	< 750		
1	MW-2102	12/15/2020	< 1.2	< 1.4	< 1.2	< 1.2	< 6.7	317	< 1.6	< 2.9	< 1.6	< 1.3	2.5 ^J	< 1.3	218	< 7.5		
1	MW-2103	12/14/2020	< 1.2	< 1.4	<u>2.9</u> ^J	< 1.2	< 6.7	1390	< 1.6	< 2.9	< 1.6	< 1.3	<u>90.1</u>	966	255	< 7.5		
1	MW-2103 DUP	12/14/2020	< 1.2	< 1.4	<u>3.7</u> ^J	< 1.2	< 6.7	1500	< 1.6	< 2.9	< 1.6	< 1.3	<u>98.7</u>	1130	257	< 7.5		
1	PZ-2103	12/14/2020	< 153	< 170	< 153	< 154	< 839	10300	< 199	< 363	< 204	< 168	957 ^J	176000	< 109	< 938		
1	PZ-2103 DUP	12/14/2020	< 153	< 170	< 153	< 154	< 839	9920	< 199	< 363	< 204	< 168	898 ^J	180000	< 109	< 938		
1	MW-2104	12/14/2020	< 0.24	< 0.27	< 0.24	< 0.25	< 1.3	5.4	< 0.32	< 0.58	< 0.33	< 0.27	0.85 ^J	0.44 ^J	< 0.57 ^U	< 1.5		
1	MW-2105	12/14/2020	< 0.24	< 0.27	< 0.24	<u>2</u>	< 1.3	<u>12.9</u>	< 0.32	< 0.58	< 0.33	< 0.27	< 0.46	<u>3.6</u>	2.5	4.9		
1	PZ-2105	12/14/2020	< 0.24	< 0.27	< 0.24	< 0.25	< 1.3	2.8	< 0.32	< 0.58	< 0.33	< 0.27	< 0.46	<u>2.5</u>	< 0.17	< 1.5		
1	MW-2106	12/14/2020	< 4.9	< 5.5	< 4.9	< 4.9	27.6 ^J	237	< 6.4	< 11.6	< 6.5	< 5.4	< 9.3	< 5.1	1630	< 30.0		
1	MW-2107	12/9/2020	< 0.61	< 0.68	< 0.61	< 0.62	8.6 ^J	<u>8.8</u>	< 0.80	< 1.5	< 0.82	< 0.67	< 1.2	< 0.64	293	< 3.8		
1	PZ-2107	12/9/2020	< 2.4	< 2.7	< 2.4	< 2.5	< 13.4	3680	< 3.2	< 5.8	< 3.3	< 2.7	<u>51.9</u>	< 2.6	1340	< 15.0		
1	MW-2108	12/9/2020	< 0.24	< 0.27	< 0.24	0.27 ^J	< 1.3	< 0.27	2.1 ^{J+}	< 0.58	< 0.33	0.74 ^J	< 0.46	< 0.26	2.3 ^{J+}	3.4		
1	MW-2109	12/9/2020	< 0.24	< 0.27	< 0.24	< 0.25	< 1.3	87.4	< 0.32	< 0.58	< 0.33	< 0.27	1.3 ^J	< 0.26	27.7	< 1.5		
1	PZ-2109	12/9/2020	< 0.24	< 0.27	< 0.24	< 0.25	< 1.3	<u>11.3</u>	< 0.32	< 0.58	< 0.33	< 0.27	< 0.46	< 0.26	9.3	< 1.5		
1	MW-2110	12/15/2020	< 0.24	< 0.27	< 0.24	< 0.25	< 1.3	<u>8.4</u>	< 0.32	< 0.58	< 0.33	< 0.27	< 0.46	< 0.26	5.3	< 1.5		
1	PZ-2110	12/8/2020	< 0.24	< 0.27	< 0.24	< 0.25	< 1.3	< 0.27	< 0.32	< 0.58	< 0.33	< 0.27	< 0.46	< 0.26	< 0.17	< 1.5		
1	MW-2111	12/11/2020	< 30.6	< 34.1	< 30.6	< 30.8	< 168	742	< 39.8	< 72.6	< 40.8	< 33.7	<u>80.9</u> ^J	8210	< 21.8	< 188		
1	PZ-2111	12/11/2020	< 2.4	< 2.7	<u>3.7</u> ^J	< 2.5	< 13.4	2810	< 3.2	< 5.8	< 3.3	< 2.7	248	1550	77.8	< 15.0		

Table 2A
Detected Volatile Organic Compounds in Groundwater Samples
KEP Monitoring Wells and Piezometers

Treatment Area	Sample Location	Date	Analyte	1,1,1-Trichloro ethane	1,1-Dichloro ethane	1,1-Dichloro ethene	Benzene	Chloro ethane	cis-1,2-Dichloro ethene	Ethyl benzene	Methylene Chloride	Tetra chloro ethene	Toluene	trans-1,2-Dichloro ethene	Trichloro ethene	Vinyl chloride	Xylene (Total)		
			Units	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l
			ES	200	850	7	5	400	70	700	5	5	800	100	5	0.2	2000		
PAL	40	85	0.7	0.5	80	7	140	0.5	0.5	160	20	0.5	0.02	400					
1	MW-2112	12/15/2020		< 2.4	< 2.7	< 2.4	< 2.5	< 13.4	809	< 3.2	< 5.8	< 3.3	< 2.7	8.5 ^J	< 2.6	305	< 15.0		
1	MW-2112 DUP	12/15/2020		< 2.4	< 2.7	< 2.4	< 2.5	< 13.4	761	< 3.2	< 5.8	< 3.3	< 2.7	6.8 ^J	< 2.6	302	< 15.0		
1	PZ-2112	12/15/2020		< 0.24	< 0.27	< 0.24	< 0.25	< 1.3	1	< 0.32	< 0.58	< 0.33	< 0.27	< 0.46	0.27 ^J	4.6^J	< 1.5		
1	PZ-2112 DUP	12/15/2020		< 0.24	< 0.27	< 0.24	< 0.25	< 1.3	0.84 ^J	< 0.32	< 0.58	< 0.33	< 0.27	< 0.46	0.26 ^J	1.7^{J+}	< 1.5		
1	MW-2113	12/14/2020		< 0.24	< 0.27	0.51 ^J	< 0.25	< 1.3	321	< 0.32	< 0.58	< 0.33	< 0.27	<u>38.7</u>	<u>2.9</u>	706	< 1.5		
1	PZ-2113	12/14/2020		< 24.5	< 27.3	< 24.5	< 24.6	< 134	16000	< 31.9	< 58.1	< 32.6	< 26.9	1760	5060	286	< 150		
1	MW-2114	12/14/2020		< 0.24	< 0.27	< 0.24	< 0.25	< 1.3	<u>7.6</u>	< 0.32	< 0.58	< 0.33	< 0.27	0.51 ^J	< 0.26	4.7	< 1.5		
1	PZ-2114	12/14/2020		< 0.24	< 0.27	< 0.24	< 0.25	< 1.3	< 0.27	< 0.32	< 0.58	< 0.33	< 0.27	< 0.46	< 0.26	< 0.25 ^U	< 1.5		
1	MW-61	6/15/2017		< 12.5	< 6	< 10.3	16^J	< 9.4	1420	< 12.5	< 5.8	< 12.5	< 12.5	<u>42.6</u>	61.4	760	< 37.5		
	MW-61	9/13/2017		< 10	< 4.8	< 8.2	18.8^J	< 7.5	2160	< 10	< 4.7	< 10	< 10	103	111	835	< 30		
	MW-61	3/21/2018		< 12.5	< 6	< 10.3	16.6^J	< 9.4	2540	< 12.5	< 5.8	< 12.5	< 12.5	< 6.4	104	3280	< 37.5		
	MW-61	12/11/2020		< 2.4	< 2.7	<u>5.3^J</u>	12.4	< 13.4	1850	< 3.2	< 5.8	< 3.3	< 2.7	<u>37.2</u>	124	1150	< 15.0		
1	MW-61 DUP	6/15/2017		< 12.5	< 6	< 10.3	19.1^J	< 9.4	1280	< 12.5	< 5.8	< 12.5	< 12.5	<u>44.7</u>	68.6	752	< 37.5		
	MW-61 DUP	3/21/2018		< 12.5	< 6	< 10.3	16.3^J	< 9.4	2560	< 12.5	< 5.8	< 12.5	< 12.5	< 6.4	116	3140	< 37.5		
1	PZ-61	6/15/2017		< 25	< 12.1	< 20.5	< 25	< 18.7	5290	< 25	< 11.6	< 25	32.5 ^J	<u>78</u>	251	272	< 75		
	PZ-61	9/13/2017		< 25	< 12.1	< 20.5	< 25	< 18.7	2880	< 25	< 11.6	< 25	< 25	< 12.8	37.9^J	203	< 75		
	PZ-61	3/21/2018		< 5	< 2.4	< 4.1	< 5	< 3.7	1210	< 5	< 2.3	< 5	< 5	< 2.6	<u>4.2^J</u>	81.2	< 15		
	PZ-61	12/11/2020		< 0.24	< 0.27	< 0.24	< 0.25	< 1.3	0.61 ^J	< 0.32	< 0.58	< 0.33	1.5	< 0.46	< 0.26	< 0.34 ^U	< 1.5		
1	PZ-75	6/14/2017		< 0.5	< 0.24	< 0.41	< 0.5	< 0.37	< 0.26	< 0.5	< 0.23	< 0.5	< 0.5	< 0.26	< 0.33	18.6	< 1.5		
	PZ-75	9/14/2017		< 0.5	< 0.24	< 0.41	< 0.5	< 0.37	< 0.26	< 0.5	< 0.23	< 0.5	< 0.5	< 0.26	< 0.33	65.1	< 1.5		
	PZ-75	3/22/2018		< 2.5	< 1.2	< 2.1	< 2.5	< 1.9	< 1.3	< 2.5	< 1.2	< 2.5	< 2.5	< 1.3	< 1.7	673	< 7.5		
	PZ-75	12/11/2020		< 0.24	< 0.27	< 0.24	< 0.25	< 1.3	< 0.27	< 0.32	< 0.58	< 0.33	< 0.27	< 0.46	< 0.26	< 0.17	< 1.5		
2	MW-31	5/16/2018		< 5	< 2.4	< 4.1	< 5	< 3.7	<u>27</u>	< 5	< 2.3	< 5	< 5	15	807	< 1.8	< 15		
	MW-31	10/17/2018		< 0.98	< 1.1	<u>1.3^J</u>	< 0.99	< 5.4	<u>17.9</u>	< 0.87	< 2.3	< 1.3	< 0.69	9.6 ^J	470	< 0.7	< 6		
	MW-31	4/16/2019		< 0.24	0.31 ^J	<u>5.4</u>	< 0.25	< 1.3	99.1	< 0.22	< 0.58	< 0.33	< 0.17	<u>70.6</u>	117	0.37^J	< 1.5		
	MW-31	10/9/2019		1.1	< 0.27	< 0.24	< 0.25	< 1.3	1.1	< 0.22	< 0.58	< 0.33	< 0.17	< 1.1	239	< 0.17	< 1.5		
	MW-31	4/15/2020		0.32 ^J	< 0.27	<u>2.2</u>	< 0.25	< 1.3	<u>42.2</u>	< 0.32	< 0.58	< 0.33	< 0.27	<u>26.4</u>	133	< 0.17	< 1.5		
	MW-31	11/4/2020		< 0.24	0.39 ^J	<u>5.6</u>	< 0.25	< 1.3	115	< 0.32	< 0.58	< 0.33	< 0.27	<u>87.5</u>	180	< 0.17	< 1.5		

Table 2A
Detected Volatile Organic Compounds in Groundwater Samples
KEP Monitoring Wells and Piezometers

Treatment Area	Sample Location	Analyte Units	1,1,1-Trichloro ethane	1,1-Dichloro ethane	1,1-Dichloro ethene	Benzene	Chloro ethane	cis-1,2-Dichloro ethene	Ethyl benzene	Methylene Chloride	Tetra chloro ethene	Toluene	trans-1,2-Dichloro ethene	Trichloro ethene	Vinyl chloride	Xylene (Total)		
			ES	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l
			PAL	200	850	7	5	400	70	700	5	5	800	100	5	0.2	2000	
Date	40	85	0.7	0.5	80	7	140	0.5	0.5	160	20	0.5	0.02	400				
2	MW-113	5/16/2018	< 0.5	< 0.24	< 0.41	< 0.5	< 0.37	< 0.26	< 0.5	< 0.23	< 0.5	< 0.5	< 0.26	< 0.33	< 0.18	< 1.5		
	MW-113	10/18/2018	< 0.24	< 0.27	< 0.24	< 0.25	< 1.3	< 0.27	< 0.22	< 0.58	< 0.33	< 0.17	< 1.1	< 0.26	< 0.17	< 1.5		
	MW-113	4/16/2019	< 0.24	< 0.27	< 0.24	< 0.25	< 1.3	< 0.27	< 0.22	< 0.58	< 0.33	< 0.17	< 1.1	< 0.26	< 0.17	< 1.5		
	MW-113	10/9/2019	< 0.24	< 0.27	< 0.24	< 0.25	< 1.3	< 0.27	< 0.22	< 0.58	< 0.33	< 0.17	< 1.1	< 0.26	< 0.17	< 1.5		
	MW-113	4/15/2020	< 0.24	< 0.27	< 0.24	< 0.25	< 1.3	< 0.27	< 0.32	< 0.58	< 0.33	< 0.27	< 0.46	< 0.26	< 0.17	< 1.5		
	MW-113	11/4/2020	< 0.24	< 0.27	< 0.24	< 0.25	< 1.3	< 0.27	< 0.32	< 0.58	< 0.33	< 0.27	< 0.46	< 0.26	< 0.17	< 1.5		
2	MW-114	5/16/2018	3.3	1.3	< 0.41	< 0.5	< 0.37	3.9	< 0.5	< 0.23	< 0.5	< 0.5	0.57^J	10.4	8.6	< 1.5		
	MW-114	10/17/2018	< 0.24	< 0.27	< 0.24	< 0.25	< 1.3	3.3	< 0.22	< 0.58	< 0.33	< 0.17	< 1.1	< 0.26	14.1	< 1.5		
	MW-114	4/16/2019	< 0.24	< 0.27	< 0.24	< 0.25	< 1.3	2.1	< 0.22	< 0.58	< 0.33	< 0.17	< 1.1	< 0.26	10.1	< 1.5		
	MW-114	10/9/2019	2.3	1.4	< 0.24	< 0.25	< 1.3	2.4	< 0.22	< 0.58	< 0.33	< 0.17	< 1.1	6.9	10.9	< 1.5		
	MW-114	4/15/2020	< 0.24	< 0.27	< 0.24	< 0.25	< 1.3	1.6	< 0.32	< 0.58	< 0.33	< 0.27	< 0.46	< 0.26	10.4	< 1.5		
	MW-114	11/4/2020	< 0.24	< 0.27	< 0.24	< 0.25	< 1.3	1.9	< 0.32	< 0.58	< 0.33	< 0.27	< 0.46	< 0.26	12	< 1.5		
2	MW-114 DUP	5/16/2018	3.4	1.3	< 0.41	< 0.5	< 0.37	4.2	< 0.5	< 0.23	< 0.5	< 0.5	0.68^J	11.5	7.8	< 1.5		
	MW-114 DUP	10/17/2018	< 0.24	< 0.27	< 0.24	< 0.25	< 1.3	3.3	< 0.22	< 0.58	< 0.33	< 0.17	< 1.1	< 0.26	14.1	< 1.5		
	MW-114 DUP	4/16/2019	< 0.24	< 0.27	< 0.24	< 0.25	< 1.3	1.7	< 0.22	< 0.58	< 0.33	< 0.17	< 1.1	< 0.26	10.7	< 1.5		
	MW-114 DUP	10/9/2019	2.4	1.3	< 0.24	< 0.25	< 1.3	2.7	< 0.22	< 0.58	0.43^J	< 0.17	< 1.1	7	9.6	< 1.5		
	MW-114 DUP	4/15/2020	< 0.24	< 0.27	< 0.24	< 0.25	< 1.3	1.5	< 0.32	< 0.58	< 0.33	< 0.27	< 0.46	< 0.26	9.9	< 1.5		
	MW-114 DUP	11/4/2020	< 0.24	< 0.27	< 0.24	< 0.25	< 1.3	1.5	< 0.32	< 0.58	< 0.33	< 0.27	< 0.46	< 0.26	10	< 1.5		
2	PZ-118	5/16/2018	< 0.5	< 0.24	< 0.41	< 0.5	< 0.37	4.7	< 0.5	< 0.23	< 0.5	< 0.5	< 0.26	< 0.33	22.1	< 1.5		
	PZ-118	10/17/2018	< 0.24	< 0.27	< 0.24	< 0.25	< 1.3	5.2	< 0.22	< 0.58	< 0.33	< 0.17	< 1.1	< 0.26	17.3	< 1.5		
	PZ-118	4/17/2019	< 0.24	< 0.27	< 0.24	< 0.25	< 1.3	2.6	< 0.22	< 0.58	< 0.33	< 0.17	< 1.1	< 0.26	1.8	< 1.5		
	PZ-118	10/9/2019	< 0.24	< 0.27	< 0.24	< 0.25	< 1.3	3.9	< 0.22	< 0.58	< 0.33	< 0.17	< 1.1	< 0.26	3.7	< 1.5		
	PZ-118	4/15/2020	< 0.24	< 0.27	< 0.24	< 0.25	< 1.3	<u>12.8</u>	< 0.32	< 0.58	< 0.33	< 0.27	< 0.46	< 0.26	4.5	< 1.5		
	PZ-118	11/4/2020	< 0.24	< 0.27	< 0.24	< 0.25	< 1.3	<u>13.8</u>	< 0.32	< 0.58	< 0.33	< 0.27	< 0.46	< 0.26	8.8	< 1.5		
2	MW-2201	12/9/2020	< 0.24	9.6	0.53^J	< 0.25	< 1.3	289	< 0.32	< 0.58	< 0.33	< 0.27	<u>35.3</u>	16.1	11.6	< 1.5		
2	MW-2201 DUP	12/9/2020	< 0.49	8.6	< 0.49	< 0.49	< 2.7	276	< 0.64	< 1.2	< 0.65	< 0.54	<u>32.6</u>	13.1	10.5	< 3.0		
2	MW-2202	12/8/2020	< 0.24	< 0.27	< 0.24	< 0.25	< 1.3	<u>19.2</u>	< 0.32	< 0.58	< 0.33	< 0.27	2.6	< 0.26	3.5	< 1.5		
2	PZ-2202	12/8/2020	< 0.24	< 0.27	< 0.24	< 0.25	< 1.3	<u>19.2</u>	< 0.32	< 0.58	< 0.33	< 0.27	3.9	< 0.26	< 0.17	< 1.5		
2	MW-2203	12/8/2020	< 0.24	< 0.27	< 0.24	< 0.25	< 1.3	< 0.27	< 0.32	< 0.58	< 0.33	< 0.27	< 0.46	< 0.26	< 0.17	< 1.5		
2	PZ-2203	12/8/2020	< 0.24	< 0.27	< 0.24	< 0.25	< 1.3	< 0.27	< 0.32	< 0.58	< 0.33	< 0.27	< 0.46	< 0.26	< 0.17	< 1.5		
2	MW-2301	12/7/2020	< 0.24	< 0.27	11	< 0.25	< 1.3	1270	< 0.32	< 0.58	< 0.33	< 0.27	316	285	2.2^{J+}	< 1.5		
3	PZ-2301	12/7/2020	< 0.24	< 0.27	< 0.24	<u>2.4</u>	< 1.3	0.51^J	< 0.32	< 0.58	< 0.33	1.2	< 0.46	< 0.26	< 0.80 ^U	< 1.5		

Table 2A
Detected Volatile Organic Compounds in Groundwater Samples
KEP Monitoring Wells and Piezometers

Treatment Area	Sample Location	Date	Analyte	1,1,1-Trichloro ethane	1,1-Dichloro ethane	1,1-Dichloro ethene	Benzene	Chloro ethane	cis-1,2-Dichloro ethene	Ethyl benzene	Methylene Chloride	Tetra chloro ethene	Toluene	trans-1,2-Dichloro ethene	Trichloro ethene	Vinyl chloride	Xylene (Total)		
			Units	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l
			ES	200	850	7	5	400	70	700	5	5	800	100	5	0.2	2000		
PAL	40	85	0.7	0.5	80	7	140	0.5	0.5	160	20	0.5	0.02	400					
3	MW-2302	12/7/2020		0.43 ^J	47.9	< 0.24	0.42 ^J	19.1	<u>17.2</u>	< 0.32	25.3	< 0.33	< 0.27	0.70 ^J	0.38 ^J	4.9	< 1.5		
3	PZ-2302	12/7/2020		< 0.24	0.47 ^J	< 0.24	< 0.25	< 1.3	< 0.27	< 0.32	< 0.58	< 0.33	< 0.27	< 0.46	< 0.26	5.7	< 1.5		
3	MW-2303	12/8/2020		0.63 ^J	1.9 ^J	<u>1.5</u> ^J	< 0.49	< 2.7	279	< 0.64	< 1.2	< 0.65	< 0.54	<u>23.7</u>	241	12.4	< 3.0		
3	PZ-2303	12/8/2020		< 0.24	< 0.27	< 0.24	< 0.25	< 1.3	4.6	< 0.32	< 0.58	< 0.33	< 0.27	< 0.46	< 0.26	8.7	< 1.5		
4	MW-44	5/17/2018		< 0.5	< 0.24	< 0.41	< 0.5	< 0.37	< 0.26	< 0.5	< 0.23	< 0.5	< 0.5	< 0.26	< 0.33	< 0.18	< 1.5		
	MW-44	10/18/2018		< 0.24	< 0.27	< 0.24	< 0.25	< 1.3	< 0.27	< 0.22	< 0.58	< 0.33	< 0.17	< 1.1	< 0.26	< 0.17	< 1.5		
	MW-44	4/16/2019		< 0.24	< 0.27	< 0.24	< 0.25	< 1.3	< 0.27	< 0.22	< 0.58	< 0.33	< 0.17	< 1.1	< 0.26	< 0.17	< 1.5		
	MW-44	10/9/2019		< 0.24	< 0.27	< 0.24	< 0.25	< 1.3	< 0.27	< 0.22	< 0.58	< 0.33	< 0.17	< 1.1	< 0.26	< 0.17	< 1.5		
	MW-44	4/14/2020		< 0.24	< 0.27	< 0.24	< 0.25	< 1.3	< 0.27	< 0.32	< 0.58	< 0.33	< 0.27	< 0.46	< 0.26	< 0.17	< 1.5		
	MW-44	11/4/2020		< 0.24	< 0.27	< 0.24	< 0.25	< 1.3	< 0.27	< 0.32	< 0.58	< 0.33	< 0.27	< 0.46	< 0.26	< 0.17	< 1.5		
4	MW-65	9/30/2014		< 10	< 4.8	< 8.2	< 10	< 7.5	1240	< 10	< 4.7	< 10	< 10	15.4 ^J	502	< 3.5	< 30		
	MW-65	12/8/2014		< 10	< 4.8	< 8.2	< 10	< 7.5	1140	< 10	< 4.7	< 10	< 10	<u>44.8</u>	553	12.9 ^J	< 30		
	MW-65	3/25/2015		< 10	< 4.8	< 8.2	< 10	< 7.5	1130	< 10	< 4.7	< 10	< 10	<u>33.6</u>	735	12 ^J	< 30		
	MW-65	12/10/2020		< 2.4	< 2.7	< 2.4	< 2.5	< 13.4	870	< 3.2	< 5.8	< 3.3	< 2.7	<u>25.5</u>	521	4.4 ^{J+}	< 15.0		
4	MW-79	5/17/2018		< 0.5	< 0.24	< 0.41	< 0.5	< 0.37	< 0.26	< 0.5	< 0.23	< 0.5	< 0.5	< 0.26	< 0.33	< 0.18	< 1.5		
	MW-79	10/18/2018		< 0.24	< 0.27	< 0.24	< 0.25	< 1.3	< 0.27	< 0.22	< 0.58	< 0.33	< 0.17	< 1.1	< 0.26	< 0.17	< 1.5		
	MW-79	4/17/2019		< 0.24	< 0.27	< 0.24	< 0.25	< 1.3	< 0.27	< 0.22	< 0.58	< 0.33	< 0.17	< 1.1	< 0.26	< 0.17	< 1.5		
	MW-79	10/9/2019		< 0.24	< 0.27	< 0.24	< 0.25	< 1.3	< 0.27	< 0.22	< 0.58	< 0.33	< 0.17	< 1.1	< 0.26	< 0.17	< 1.5		
	MW-79	4/15/2020		< 0.24	< 0.27	< 0.24	< 0.25	< 1.3	< 0.27	< 0.32	< 0.58	< 0.33	< 0.27	< 0.46	< 0.26	< 0.17	< 1.5		
	MW-79	11/4/2020		< 0.24	< 0.27	< 0.24	< 0.25	< 1.3	< 0.27	< 0.32	< 0.58	< 0.33	< 0.27	< 0.46	< 0.26	< 0.17	< 1.5		
4	MW-80	5/17/2018		< 0.5	< 0.24	< 0.41	< 0.5	< 0.37	< 0.26	< 0.5	< 0.23	< 0.5	< 0.5	< 0.26	< 0.33	< 0.18	< 1.5		
	MW-80	10/18/2018		< 0.24	< 0.27	< 0.24	< 0.25	< 1.3	< 0.27	< 0.22	< 0.58	< 0.33	< 0.17	< 1.1	< 0.26	< 0.17	< 1.5		
	MW-80	4/17/2019		< 0.24	< 0.27	< 0.24	< 0.25	< 1.3	< 0.27	< 0.22	< 0.58	< 0.33	< 0.17	< 1.1	< 0.26	< 0.17	< 1.5		
	MW-80	10/9/2019		< 0.24	< 0.27	< 0.24	< 0.25	< 1.3	< 0.27	< 0.22	< 0.58	< 0.33	< 0.17	< 1.1	< 0.26	< 0.17	< 1.5		
	MW-80	4/15/2020		< 0.24	< 0.27	< 0.24	< 0.25	< 1.3	< 0.27	< 0.32	< 0.58	< 0.33	< 0.27	< 0.46	< 0.26	< 0.17	< 1.5		
	MW-80	11/4/2020		< 0.24	< 0.27	< 0.24	< 0.25	< 1.3	< 0.27	< 0.32	< 0.58	< 0.33	< 0.27	< 0.46	< 0.26	< 0.17	< 1.5		
4	MW-81	5/17/2018		< 0.5	< 0.24	< 0.41	< 0.5	< 0.37	2	< 0.5	< 0.23	< 0.5	< 0.5	< 0.26	< 0.33	< 0.18	< 1.5		
	MW-81	10/18/2018		< 0.24	< 0.27	< 0.24	< 0.25	< 1.3	0.89 ^J	< 0.22	< 0.58	< 0.33	< 0.17	< 1.1	< 0.26	< 0.17	< 1.5		
	MW-81	4/17/2019		< 0.24	< 0.27	< 0.24	< 0.25	< 1.3	< 0.27	< 0.22	< 0.58	< 0.33	< 0.17	< 1.1	< 0.26	< 0.17	< 1.5		
	MW-81	10/9/2019		< 0.24	< 0.27	< 0.24	< 0.25	< 1.3	0.88 ^J	< 0.22	< 0.58	< 0.33	< 0.17	< 1.1	< 0.26	0.27 ^J	< 1.5		
	MW-81	4/15/2020		< 0.24	< 0.27	< 0.24	< 0.25	< 1.3	6.1	< 0.32	< 0.58	< 0.33	< 0.27	1.5 ^J	< 0.26	1.2	< 1.5		
	MW-81	11/4/2020		< 0.24	< 0.27	< 0.24	< 0.25	< 1.3	0.42 ^J	< 0.32	< 0.58	< 0.33	< 0.27	< 0.46	< 0.26	< 0.17	< 1.5		

Table 2A
Detected Volatile Organic Compounds in Groundwater Samples
KEP Monitoring Wells and Piezometers

Treatment Area	Sample Location	Analyte	Units													
			1,1,1-Trichloro ethane	1,1-Dichloro ethane	1,1-Dichloro ethene	Benzene	Chloro ethane	cis-1,2-Dichloro ethene	Ethyl benzene	Methylene Chloride	Tetra chloro ethene	Toluene	trans-1,2-Dichloro ethene	Trichloro ethene	Vinyl chloride	Xylene (Total)
			ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l
		ES	200	850	7	5	400	70	700	5	5	800	100	5	0.2	2000
		PAL	40	85	0.7	0.5	80	7	140	0.5	0.5	160	20	0.5	0.02	400
		Date														
4	MW-82	5/17/2018	< 5	< 2.4	< 4.1	< 5	< 3.7	561	< 5	< 2.3	< 5	< 5	<u>42.3</u>	304	7.5^J	< 15
	MW-82	10/18/2018	< 0.24	< 0.27	< 0.24	< 0.25	< 1.3	133	< 0.22	< 0.58	< 0.33	< 0.17	4	17.9	25.1	< 1.5
	MW-82	4/17/2019	< 0.24	< 0.27	<u>0.88^J</u>	< 0.25	< 1.3	372	< 0.22	< 0.58	< 0.33	< 0.17	<u>36.7</u>	204	4.1	< 1.5
	MW-82	10/9/2019	< 1.2	< 1.4	< 1.2	< 1.2	< 6.7	553	< 1.1	< 2.9	< 1.6	< 0.86	<u>46.9</u>	220	11	< 7.5
	MW-82	4/15/2020	< 1.2	< 1.4	< 1.2	< 1.2	< 6.7	417	< 1.6	< 2.9	< 1.6	< 1.3	<u>39.2</u>	121	5.9	< 7.5
	MW-82	11/4/2020	< 0.24	< 0.27	< 0.24	< 0.25	< 1.3	97.3	< 0.32	< 0.58	< 0.33	< 0.27	9.5	5.3	31.9	< 1.5
4	MW-108	5/17/2018	< 0.5	< 0.24	< 0.41	< 0.5	< 0.37	< 0.26	< 0.5	< 0.23	< 0.5	< 0.5	< 0.26	< 0.33	< 0.18	< 1.5
	MW-108	10/17/2018	< 0.24	< 0.27	< 0.24	< 0.25	< 1.3	< 0.27	< 0.22	< 0.58	< 0.33	< 0.17	< 1.1	< 0.26	< 0.17	< 1.5
	MW-108	4/16/2019	< 0.24	< 0.27	< 0.24	< 0.25	< 1.3	< 0.27	< 0.22	< 0.58	< 0.33	< 0.17	< 1.1	< 0.26	< 0.17	< 1.5
	MW-108	10/9/2019	< 0.24	< 0.27	< 0.24	< 0.25	< 1.3	< 0.27	< 0.22	< 0.58	< 0.33	< 0.17	< 1.1	< 0.26	< 0.17	< 1.5
	MW-108	4/14/2020	< 0.24	< 0.27	< 0.24	< 0.25	< 1.3	< 0.27	< 0.32	< 0.58	< 0.33	< 0.27	< 0.46	< 0.26	< 0.17	< 1.5
	MW-108	11/4/2020	< 0.24	< 0.27	< 0.24	< 0.25	< 1.3	< 0.27	< 0.32	< 0.58	< 0.33	< 0.27	< 0.46	< 0.26	< 0.17	< 1.5
4	MW-108 DUP	5/17/2018	< 0.5	< 0.24	< 0.41	< 0.5	< 0.37	< 0.26	< 0.5	< 0.23	< 0.5	< 0.5	< 0.26	< 0.33	< 0.18	< 1.5
	MW-108 DUP	10/17/2018	< 0.24	< 0.27	< 0.24	< 0.25	< 1.3	< 0.27	< 0.22	< 0.58	< 0.33	< 0.17	< 1.1	< 0.26	< 0.17	< 1.5
	MW-108 DUP	4/16/2019	< 0.24	< 0.27	< 0.24	< 0.25	< 1.3	< 0.27	< 0.22	< 0.58	< 0.33	< 0.17	< 1.1	< 0.26	< 0.17	< 1.5
	MW-108 DUP	10/9/2019	< 0.24	< 0.27	< 0.24	< 0.25	< 1.3	< 0.27	< 0.22	< 0.58	< 0.33	< 0.17	< 1.1	< 0.26	< 0.17	< 1.5
	MW-108 DUP	4/14/2020	< 0.24	< 0.27	< 0.24	< 0.25	< 1.3	< 0.27	< 0.32	< 0.58	< 0.33	< 0.27	< 0.46	< 0.26	< 0.17	< 1.5
	MW-108 DUP	11/4/2020	< 0.24	< 0.27	< 0.24	< 0.25	< 1.3	< 0.27	< 0.32	< 0.58	< 0.33	< 0.27	< 0.46	< 0.26	< 0.17	< 1.5

Notes:

ug/L = micrograms per liter

^J = Estimated value (+/- indicated the direction of bias)

^U = Qualified nondetect due to contamination

PAL - Preventive Action Limit, Wisconsin Administrative Code NR 140.10 Table 1, January 2020 exceedances are underlined italics.

ES - Enforcement Standard, Wisconsin Administrative Code NR 140.10 Table 1, January 2020 exceedances are **bold**.

Table 2B
Metals and Geochemical Results
KEP Monitoring Wells and Piezometers

Treatment Area	Sample Location	Analyte	Dissolved Barium	Total Barium	Dissolved Chromium	Total Chromium	Dissolved Iron	Total Iron	Dissolved Lead	Total Lead	Dissolved Manganese	Total Manganese	Dissolved Nickel	Total Nickel	
		Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		ES PAL	2 0.4	2 0.4	0.1 0.01	0.1 0.01	0.3 0.15	0.3 0.15	0.015 0.0015	0.015 0.0015	0.3 0.06	0.3 0.06	0.1 0.02	0.1 0.02	
Date															
1	MW-2101	12/9/2020	0.078	NA	< 0.0010	NA	1.2	1.2	< 0.00024	NA	<u>0.21</u>	<u>0.2</u>	0.0011	NA	
1	PZ-2101	12/9/2020	0.069	NA	< 0.0010	NA	1.5	1.5	< 0.00024	NA	<u>0.16</u>	<u>0.15</u>	0.0027	NA	
1	MW-2102	12/15/2020	0.066	NA	< 0.0010	NA	3.2	3.4	< 0.00024	NA	0.3	0.32	0.0033	NA	
1	MW-2103	12/14/2020	0.066	NA	< 0.0010	NA	0.69	0.7	< 0.00062 ^U	NA	<u>0.16</u>	<u>0.16</u>	0.0025	NA	
1	MW-2103 DUP	12/14/2020	0.064	NA	< 0.0010	NA	0.67	0.66	< 0.00037 ^U	NA	<u>0.15</u>	<u>0.15</u>	0.0025	NA	
1	PZ-2103	12/14/2020	0.12	NA	< 0.0010	NA	0.10 ^J	0.075 ^J	< 0.00024	NA	<u>0.079</u>	<u>0.075</u>	0.002	NA	
1	PZ-2103 DUP	12/14/2020	0.11	NA	< 0.0010	NA	< 0.058	< 0.058	< 0.00024	NA	<u>0.069</u>	<u>0.065</u>	0.0021	NA	
1	MW-2104	12/14/2020	0.079	NA	< 0.0010	NA	3.5	5.1	< 0.00024	NA	0.31	0.32	0.0023	NA	
1	MW-2105	12/14/2020	0.13	NA	< 0.0010	NA	2	2.5	< 0.00024	NA	<u>0.28</u>	<u>0.26</u>	0.0024	NA	
1	PZ-2105	12/14/2020	0.11	NA	< 0.0010	NA	< 0.058	< 0.058	< 0.00024	NA	0.01	0.013	0.0016	NA	
1	MW-2106	12/14/2020	0.2	NA	< 0.0010	NA	2.1	2.3	< 0.00024	NA	<u>0.29</u>	<u>0.29</u>	0.0034	NA	
1	MW-2107	12/9/2020	0.24	NA	< 0.0010	NA	1.1	1	< 0.00024	NA	<u>0.18</u>	<u>0.17</u>	0.0024	NA	
1	PZ-2107	12/9/2020	0.1	NA	< 0.0010	NA	< 0.058	< 0.058	< 0.00024	NA	<u>0.086</u>	<u>0.085</u>	0.0069	NA	
1	MW-2108	12/9/2020	0.053	NA	< 0.0010	NA	0.45	0.41	< 0.00024	NA	<u>0.17</u>	<u>0.18</u>	0.0015	NA	
1	MW-2109	12/9/2020	0.13	NA	< 0.0010	NA	0.43	0.34	< 0.00024	NA	<u>0.26</u>	<u>0.24</u>	0.0014	NA	
1	PZ-2109	12/9/2020	0.27	NA	< 0.010	NA	6	5.4	< 0.00024	NA	<u>0.29</u>	<u>0.27</u>	< 0.0028	NA	

Table 2B
Metals and Geochemical Results
KEP Monitoring Wells and Piezometers

Treatment Area	Sample Location	Analyte	Dissolved Barium	Total Barium	Dissolved Chromium	Total Chromium	Dissolved Iron	Total Iron	Dissolved Lead	Total Lead	Dissolved Manganese	Total Manganese	Dissolved Nickel	Total Nickel	
		Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		ES PAL Date	2 0.4	2 0.4	0.1 0.01	0.1 0.01	0.3 0.15	0.3 0.15	0.015 0.0015	0.015 0.0015	0.3 0.06	0.3 0.06	0.1 0.02	0.1 0.02	
1	MW-2110	12/15/2020	0.074	NA	< 0.0010	NA	1.2	1.2	< 0.00024	NA	<u>0.29</u>	<u>0.29</u>	0.0022	NA	
1	PZ-2110	12/8/2020	0.094	NA	< 0.0010	NA	< 0.058	< 0.23 ^U	< 0.00024	NA	<u>0.12</u>	<u>0.099</u>	0.0031	NA	
1	MW-2111	12/11/2020	0.033	NA	< 0.0010	NA	0.34	0.34	< 0.00024	NA	0.44	0.42	0.0034	NA	
1	PZ-2111	12/11/2020	0.09	NA	0.0014 ^J	NA	0.66	0.53	< 0.00024	NA	<u>0.095</u>	<u>0.088</u>	0.0026	NA	
1	MW-2112	12/15/2020	0.06	NA	< 0.0010	NA	3.3	3.3	< 0.00024	NA	0.38	0.4	0.0015	NA	
1	MW-2112 DUP	12/15/2020	0.06	NA	< 0.0010	NA	3.3	3.5	< 0.00024	NA	0.38	0.38	0.0023	NA	
1	PZ-2112	12/15/2020	0.087	NA	< 0.0010	NA	< 0.058	< 0.058	< 0.00024	NA	0.023	0.026	0.0045	NA	
1	PZ-2112 DUP	12/15/2020	0.086	NA	< 0.0010	NA	< 0.058	< 0.058	< 0.00024	NA	0.02	0.025	0.0046	NA	
1	MW-2113	12/14/2020	0.069	NA	< 0.0010	NA	4.9	4.9	< 0.00024	NA	<u>0.18</u>	<u>0.2</u>	0.0034	NA	
1	PZ-2113	12/14/2020	0.12	NA	< 0.0010	NA	< 0.058	< 0.058	< 0.00024	NA	<u>0.16</u>	<u>0.15</u>	0.0049	NA	
1	MW-2114	12/14/2020	0.12	NA	< 0.0010	NA	1.1	1.4	< 0.00024	NA	<u>0.16</u>	<u>0.16</u>	0.0052	NA	
1	PZ-2114	12/14/2020	0.14	NA	< 0.0010	NA	< 0.058	< 0.058	< 0.00024	NA	0.015 ^J	0.012 ^J	0.0025	NA	
1	MW-61	3/17/2017	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
	MW-61	6/15/2017	NA	0.297	NA	< 0.001	2.99	3.01	NA	< 0.0002	NA	NA	NA	< 0.0004	
	MW-61	9/13/2017	NA	0.294	NA	< 0.001	1.8	1.59	NA	< 0.0002	NA	NA	NA	< 0.0004	
	MW-61	3/21/2018	NA	0.322	NA	< 0.001	2.25	2.22	NA	0.00046 ^J	NA	NA	NA	< 0.0004	
	MW-61	12/11/2020	0.25	NA	< 0.0010	NA	2	1.8	< 0.00024	NA	<u>0.14</u>	<u>0.13</u>	0.00055 ^J	NA	
1	MW-61 DUP	6/15/2017	NA	0.298	NA	< 0.001	2.93	3.1	NA	< 0.0002	NA	NA	NA	< 0.0004	
	MW-61 DUP	3/21/2018	NA	0.339	NA	< 0.001	2.3	2.24	NA	< 0.0002	NA	NA	NA	< 0.0004	

Table 2B
Metals and Geochemical Results
KEP Monitoring Wells and Piezometers

Treatment Area	Sample Location	Analyte	Dissolved Barium	Total Barium	Dissolved Chromium	Total Chromium	Dissolved Iron	Total Iron	Dissolved Lead	Total Lead	Dissolved Manganese	Total Manganese	Dissolved Nickel	Total Nickel	
		Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		ES PAL	2 0.4	2 0.4	0.1 0.01	0.1 0.01	0.3 0.15	0.3 0.15	0.015 0.0015	0.015 0.0015	0.3 0.06	0.3 0.06	0.1 0.02	0.1 0.02	
	Date														
1	PZ-61	6/15/2017	NA	<u>0.549</u>	NA	<u>0.0116</u> ^J	296	312	NA	0.00098 ^J	NA	NA	NA	0.007	
	PZ-61	9/13/2017	NA	<u>1.67</u>	NA	< 0.0102	896	968	NA	< 0.00098	NA	NA	NA	0.0044 ^J	
	PZ-61	3/21/2018	NA	<u>1.26</u>	NA	< 0.0102	756	570	NA	<u>0.0065</u> ^J	NA	NA	NA	0.0048 ^J	
	PZ-61	12/11/2020	<u>1.2</u>	NA	< 0.020	NA	57.8	50.8	< 0.00024	NA	<u>0.092</u>	<u>0.088</u>	0.019 ^J	NA	
1	PZ-75	3/17/2017	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
	PZ-75	6/14/2017	NA	0.249	NA	< 0.001	< 0.0155	3.02	NA	0.00023 ^J	NA	NA	NA	0.0025	
	PZ-75	9/14/2017	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
	PZ-75	9/14/2017	NA	0.236	NA	< 0.001	4.09	3.89	NA	< 0.0002	NA	NA	NA	0.0063	
	PZ-75	3/22/2018	NA	0.223	NA	< 0.001	0.4	0.614	NA	0.00075 ^J	NA	NA	NA	0.0102	
	PZ-75	12/11/2020	0.049	NA	< 0.0010	NA	1.9	1.9	< 0.00024	NA	0.41	0.41	0.0014	NA	
2	MW-31	12/10/2020	0.026	NA	< 0.0010	NA	< 0.058	< 0.058	< 0.00024	NA	0.019	0.018	0.001	NA	
2	MW-113	12/10/2020	0.15	NA	< 0.0010	NA	0.36	<u>0.23</u> ^J	< 0.00024	NA	0.046 ^J	0.028 ^J	0.0012	NA	
2	MW-114	12/10/2020	0.038	NA	< 0.0010	NA	2.4	2.3	< 0.00024	NA	<u>0.066</u>	0.059	< 0.00028	NA	
2	PZ-118	12/10/2020	0.051	NA	< 0.0010	NA	3.7	3.3	< 0.00024	NA	<u>0.16</u>	<u>0.15</u>	0.0014	NA	
2	MW-2201	12/9/2020	0.05	NA	< 0.0010	NA	3.7	3.6	< 0.00024	NA	<u>0.23</u>	<u>0.23</u>	0.00036 ^J	NA	
2	MW-2201 DUP	12/9/2020	0.05	NA	0.0014 ^J	NA	3.9	3.7	< 0.00024	NA	<u>0.22</u>	<u>0.22</u>	0.00076 ^J	NA	
2	MW-2202	12/8/2020	0.077	NA	< 0.0010	NA	1.5 ^{J+}	6.1	< 0.00024	NA	<u>0.15</u>	<u>0.18</u>	0.0015	NA	
2	PZ-2202	12/8/2020	0.057	NA	< 0.0010	NA	1.2 ^{J+}	1	< 0.00024	NA	<u>0.06</u>	<u>0.063</u>	0.00075 ^J	NA	
2	MW-2203	12/8/2020	0.052	NA	0.0011 ^J	NA	0.68	0.86	< 0.00024	NA	<u>0.24</u>	<u>0.22</u>	0.019	NA	
2	PZ-2203	12/8/2020	0.13	NA	< 0.0010	NA	< 0.058	0.61 ^{J+}	< 0.00024	NA	0.055	<u>0.06</u>	0.0033	NA	

**Table 2B
Metals and Geochemical Results
KEP Monitoring Wells and Piezometers**

Treatment Area	Sample Location	Analyte	Dissolved Barium	Total Barium	Dissolved Chromium	Total Chromium	Dissolved Iron	Total Iron	Dissolved Lead	Total Lead	Dissolved Manganese	Total Manganese	Dissolved Nickel	Total Nickel	
		Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		ES PAL	2 0.4	2 0.4	0.1 0.01	0.1 0.01	0.3 0.15	0.3 0.15	0.015 0.0015	0.015 0.0015	0.3 0.06	0.3 0.06	0.1 0.02	0.1 0.02	
Date															
3	MW-2301	12/7/2020	0.072	NA	0.0028 ^J	NA	0.94	0.89	< 0.00024	NA	<u>0.19</u>	<u>0.17</u>	0.0014	NA	
3	PZ-2301	12/7/2020	0.093	NA	0.0013 ^J	NA	< 0.058	2.2	< 0.00024	NA	<u>0.18</u>	<u>0.18</u>	0.0032	NA	
3	MW-2302	12/7/2020	0.05	NA	0.0063	NA	0.85^{J+}	1.6	< 0.00024	NA	<u>0.11</u>	<u>0.11</u>	0.0011	NA	
3	PZ-2302	12/7/2020	0.18	NA	0.0028 ^J	NA	0.96	1.8	< 0.00024	NA	<u>0.21</u>	<u>0.18</u>	0.0022	NA	
3	MW-2303	12/8/2020	0.13	NA	0.006	NA	4.5	7.2	<i>0.0054</i>	NA	0.6	0.66	0.0074	NA	
3	PZ-2303	12/8/2020	0.18	NA	< 0.0010	NA	1.6^{J+}	1.6	< 0.00024	NA	0.36	0.35	0.0012	NA	
4	MW-44	12/10/2020	0.033	NA	< 0.0010	NA	< 0.058	0.42	< 0.00024	NA	0.037	<u>0.076</u>	0.001	NA	
4	MW-65	12/10/2020	0.3	NA	< 0.0010	NA	0.76	1.1	< 0.00024	NA	<u>0.12</u>	<u>0.12</u>	0.0032	NA	
4	MW-108	12/10/2020	0.12	NA	< 0.0010	NA	< 0.058	0.062 ^J	< 0.00024	NA	< 0.0012	0.012	0.0021	NA	

Notes:

mg/L = milli = Not Analyzed

^J = Estimated value (+/- indicated the direction of bias)

^U = Qualified nondetect due to contamination

PAL - Preventive Action Limit,
Wisconsin Administrative Code NR
140.10 Table 1, January 2020
exceedances are underlined italics.

ES - Enforcement Standard,
Wisconsin Administrative Code NR
140.10 Table 1, January 2020
exceedances are **bold**.

Table 2B
Metals and Geochemical Results
KEP Monitoring Wells and Piezometers

Treatment Area	Sample Location	Analyte	Alkalinity, Total as CaCO3	Chemical Oxygen Demand	Chloride	Sulfate	Sulfide	Total organic carbon	Ethane	Ethene	Methane
		Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		ES PAL Date	-- --	-- --	250 125	250 125	-- --	-- --	-- --	-- --	-- --
1	MW-2101	12/9/2020	380	25.0 ^J	86.5	<u>192</u>	< 1.2	7.7	0.0045 ^J	< 0.0012	0.182
1	PZ-2101	12/9/2020	357	48.4 ^J	396	426	< 1.2	8	0.0017 ^J	0.0102	0.102
1	MW-2102	12/15/2020	347	41.7 ^J	88.5	400^{J-}	< 1.2	10.9	< 0.0012	0.0022 ^J	0.0155
1	MW-2103	12/14/2020	366 ^{J-}	15.5 ^J	<u>134</u>	<u>163</u>	< 1.2	5.3	0.0045 ^J	0.044	0.12
1	MW-2103 DUP	12/14/2020	364 ^{J-}	25.0 ^J	<u>130</u>	<u>173</u>	< 1.2	5	0.0050 ^J	0.0517	0.129
1	PZ-2103	12/14/2020	296	32.7 ^J	<u>224</u>	<u>208</u>	< 1.2	3.7	0.0013 ^J	0.0068	0.0212
1	PZ-2103 DUP	12/14/2020	297	35.0 ^J	<u>232</u>	<u>216</u>	< 1.2	3.7	< 0.0012	0.0045 ^J	0.0174
1	MW-2104	12/14/2020	418	48.4 ^J	438	302	< 1.2	10.6	< 0.0012	< 0.0012	0.215
1	MW-2105	12/14/2020	493	91.1	251	107	< 1.2	25.9	0.0079	< 0.0012	1.11
1	PZ-2105	12/14/2020	188	17.0 ^J	<u>164</u>	<u>219</u>	< 1.2	4.1	< 0.0012	< 0.0012	0.0018 ^J
1	MW-2106	12/14/2020	612	219	40.3	<u>187</u>	< 1.2	59.7	0.0079	0.179	1.01
1	MW-2107	12/9/2020	292	52.9	40.3	<u>161</u>	< 1.2	16.3	0.0082	0.0178	0.493
1	PZ-2107	12/9/2020	356	41.7 ^J	431	532	< 1.2	11.9	0.0042 ^J	0.0428	0.0725
1	MW-2108	12/9/2020	159	28.2 ^J	20	<u>144</u>	1.6 ^J	8.8	0.0032 ^J	< 0.0012	0.114
1	MW-2109	12/9/2020	520	26.0 ^J	377	118	< 1.2	4.4	< 0.0012	0.0014 ^J	0.161
1	PZ-2109	12/9/2020	429	84.3	2020	95.6	< 1.2	3.2	0.0020 ^J	< 0.0012	0.241

Table 2B
Metals and Geochemical Results
KEP Monitoring Wells and Piezometers

Treatment Area	Sample Location	Analyte	Alkalinity, Total as CaCO3	Chemical Oxygen Demand	Chloride	Sulfate	Sulfide	Total organic carbon	Ethane	Ethene	Methane
		Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		ES PAL Date	-- --	-- --	250 125	250 125	-- --	-- --	-- --	-- --	-- --
1	MW-2110	12/15/2020	359	19.3 ^J	<u>189</u>	260	< 1.2	2.9	< 0.0012	< 0.0012	0.0104
1	PZ-2110	12/8/2020	346	30.5 ^J	512	315	< 1.2 ^{UJ}	3.5	< 0.0012	< 0.0012	0.0034 ^{J+}
1	MW-2111	12/11/2020	363	17.0 ^J	38.9	313	< 1.2	4.6	< 0.0012	< 0.0012	0.0051
1	PZ-2111	12/11/2020	271	14.8 ^J	71.5	343	< 1.2	3.5	< 0.0012	< 0.0012	0.0221
1	MW-2112	12/15/2020	341	39.5 ^J	79.3	284	< 1.2	8	< 0.0012	0.0302 ^{J+}	0.0485 ^{J+}
1	MW-2112 DUP	12/15/2020	351	35.0 ^J	78.1	270	< 1.2	7.2	< 0.0012	0.0098 ^{J+}	0.0162 ^{J+}
1	PZ-2112	12/15/2020	422	35.0 ^J	<u>231</u>	840	< 1.2	6.6	< 0.0012	< 0.0012	0.0015 ^J
1	PZ-2112 DUP	12/15/2020	422	35.0 ^J	<u>226</u>	816	< 1.2	6.6	< 0.0012	< 0.0012	0.00070 ^J
1	MW-2113	12/14/2020	380	59.7	32.6	308	< 1.2	16.7	0.0037 ^J	0.0261	0.57
1	PZ-2113	12/14/2020	320	23.7 ^J	262	322	< 1.2	4.5	< 0.0012	0.0023 ^J	0.084
1	MW-2114	12/14/2020	412	91.1	60.5	31.8	< 1.2	22.8	0.0116	< 0.0012	1.09
1	PZ-2114	12/14/2020	213	28.2 ^J	<u>137</u>	110	< 1.2	5.8	< 0.0012	< 0.0012	0.0025 ^J
1	MW-61	3/17/2017	NA	NA	NA	NA	NA	4.1	NA	NA	NA
	MW-61	6/15/2017	397	NA	431	5.7 ^J	NA	1.9 ^J	0.0309	0.244	2.72
	MW-61	9/13/2017	428	NA	350	25.8	< 1.2	2.5	0.0236	0.195	1.87
	MW-61	3/21/2018	389	NA	551	29.4 ^J	NA	0.94	0.07	0.0741	1.39
	MW-61	12/11/2020	435	17.0 ^J	<u>236</u>	27.4	< 1.2	4.9	0.0216	0.0429	0.703
1	MW-61 DUP	6/15/2017	NA	NA	NA	NA	NA	NA	NA	NA	NA
	MW-61 DUP	3/21/2018	418	NA	599	32.5 ^J	NA	0.98	0.0823	0.0872	1.24

Table 2B
Metals and Geochemical Results
KEP Monitoring Wells and Piezometers

Treatment Area	Sample Location	Analyte	Alkalinity, Total as CaCO3	Chemical Oxygen Demand	Chloride	Sulfate	Sulfide	Total organic carbon	Ethane	Ethene	Methane
		Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		ES	--	--	250	250	--	--	--	--	--
		PAL	--	--	125	125	--	--	--	--	--
		Date									
1	PZ-61	6/15/2017	1660	NA	1750	< 100	NA	4840	0.0083	0.0271	0.279
	PZ-61	9/13/2017	1320	NA	1020	13.4 ^J	< 1.2	5680	0.0348	0.054	0.403
	PZ-61	3/21/2018	1460	NA	360	< 20	NA	2050	0.0092	0.0689	4.46
	PZ-61	12/11/2020	1150 ^J	531	1050	< 4.4	< 1.2 ^{UJ}	169	0.0114	0.0065	5.76
1	PZ-75	3/17/2017	NA	NA	NA	NA	NA	0.52 ^J	NA	NA	NA
	PZ-75	6/14/2017	399	NA	539	102	NA	1.1 ^J	0.0155	0.0024 ^J	0.436
	PZ-75	9/14/2017	NA	NA	NA	NA	NA	NA	NA	NA	NA
	PZ-75	9/14/2017	397	NA	506	118	< 1.2	10.3	0.0121	0.0233	0.542
	PZ-75	3/22/2018	417	NA	542	103	NA	3.1	0.0117	0.0521	0.716
	PZ-75	12/11/2020	206	75.4	2.8 ^J	6.1 ^J	< 1.2 ^{UJ}	10.4	< 0.0012	< 0.0012	1.24
2	MW-31	12/10/2020	399	19.3 ^J	6	316	< 1.2	6.9	< 0.0012	< 0.0012	0.052
2	MW-113	12/10/2020	479	23.7 ^J	679	<u>146</u>	< 1.2	1.8	< 0.0012	< 0.0012	0.0014 ^J
2	MW-114	12/10/2020	362	< 14.7	55.7	<u>146</u>	< 1.2	2.3	< 0.0012	< 0.0012	0.0639
2	PZ-118	12/10/2020	461	< 14.7	<u>137</u>	365	< 1.2	3.5	< 0.0012	< 0.0012	0.0349
2	MW-2201	12/9/2020	365	< 14.7	33.6	<u>249</u>	< 1.2	4.4	< 0.0012	< 0.0012	0.0498
2	MW-2201 DUP	12/9/2020	350	20.3 ^J	35.7	<u>249</u>	< 1.2	4.6	< 0.0012	< 0.0012	0.0455
2	MW-2202	12/8/2020	401	< 14.7	30.3	<u>226</u>	< 1.2	3.1	< 0.0012	< 0.0012	0.143
2	PZ-2202	12/8/2020	351	< 14.7	<u>126</u>	252	< 1.2 ^{UJ}	2.6	< 0.0012	< 0.0012	0.174
2	MW-2203	12/8/2020	436	26.0 ^J	11.8	501	< 1.2 ^{UJ}	8.5	< 0.0012	< 0.0012	0.0086
2	PZ-2203	12/8/2020	338	17.0 ^J	117	<u>233</u>	< 1.2 ^{UJ}	4	< 0.0012	< 0.0012	< 0.0016 ^U

**Table 2B
Metals and Geochemical Results
KEP Monitoring Wells and Piezometers**

Treatment Area	Sample Location	Analyte	Alkalinity, Total as CaCO ₃	Chemical Oxygen Demand	Chloride	Sulfate	Sulfide	Total organic carbon	Ethane	Ethene	Methane
		Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		ES PAL Date	-- --	-- --	250 125	250 125	-- --	-- --	-- --	-- --	-- --
3	MW-2301	12/7/2020	369	< 14.7	10.4	94.7	< 1.2 ^{UJ}	2.5	< 0.0012	< 0.0012	< 0.0018 ^U
3	PZ-2301	12/7/2020	338	17.0 ^J	64	<u>130</u>	< 1.2 ^{UJ}	3.9	< 0.0012	0.0053	0.0323
3	MW-2302	12/7/2020	733	107	28.1	60.1	< 1.2 ^{UJ}	22.9	0.0202	0.0020 ^J	1.92
3	PZ-2302	12/7/2020	483 ^{J-}	14.8 ^J	324	291	< 1.2 ^{UJ}	3.6	< 0.0012	< 0.0012	0.082
3	MW-2303	12/8/2020	354	57.4	64.1	<u>201</u>	< 1.2 ^{UJ}	3	< 0.0012	< 0.0012	0.0062
3	PZ-2303	12/8/2020	453 ^{J-}	< 14.7	51.5	<u>230</u>	< 1.2 ^{UJ}	2.6	< 0.0012	< 0.0012	0.0050 ^{J+}
4	MW-44	12/10/2020	388	< 14.7	339	<u>163</u>	< 1.2 ^{UJ}	1.3	< 0.0012	< 0.0012	0.00096 ^J
4	MW-65	12/10/2020	451	41.7 ^J	1080	109	< 1.2 ^{UJ}	3.8	< 0.0012	< 0.0012	0.0673
4	MW-108	12/10/2020	452 ^{J-}	43.9 ^J	1110	116	< 1.2 ^{UJ}	1.1	< 0.0012	< 0.0012	0.00075 ^J

Notes:

mg/L = milli = Not Analyzed

^J = Estimated value (+/- indicated the direction of bias)

^U = Qualified nondetect due to contaminatic

PAL - Preventive Action Limit,
Wisconsin Administrative Code NR
140.10 Table 1, January 2020
exceedances are underlined italics.

ES - Enforcement Standard,
Wisconsin Administrative Code NR
140.10 Table 1, January 2020
exceedances are **bold**.

Table 2C
Detected Volatile Organic Compounds in Groundwater
KEP Replacement Monitoring Wells and Piezometer

Sample Date	Analyte	1,1,1-Trichloro ethane	1,1-Dichloro ethane	1,1-Dichloro ethene	Benzene	Chloro ethane	cis-1,2-Dichloro ethene	Ethyl benzene	Methylene Chloride	Tetra chloro ethene	Toluene	trans-1,2-Dichloro ethene	Trichloro ethene	Vinyl chloride	Xylene (Total)
		ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l
	ES	200	850	7	5	400	70	700	5	5	800	100	5	0.2	2000
	PAL	40	85	0.7	0.5	80	7	140	0.5	0.5	160	20	0.5	0.02	400
	Location														
12/7/2020	MW-69R	< 0.24	< 0.27	< 0.24	< 0.25	< 1.3	< 0.27	< 0.32	< 0.58	< 0.33	< 0.27	< 0.46	< 0.26	< 0.17	< 1.5
12/7/2020	PZ-69R	< 0.24	< 0.27	< 0.24	< 0.25	< 1.3	< 0.27	< 0.32	< 0.58	< 0.33	< 0.27	< 0.46	< 0.26	< 0.17	< 1.5
12/7/2020	MW-70R	< 0.24	< 0.27	< 0.24	< 0.25	< 1.3	< 0.27	< 0.32	< 0.58	< 0.33	< 0.27	< 0.46	< 0.26	< 0.17	< 1.5
12/7/2020	MW-71R	< 0.24	< 0.27	< 0.24	< 0.25	< 1.3	< 0.27	< 0.32	< 0.58	< 0.33	< 0.27	< 0.46	< 0.26	< 0.17	< 1.5

Notes:

ug/L = micrograms per liter

^J = Estimated value (+/- indicated the direction of bias)

^U = Qualified nondetect due to contamination

PAL - Preventive Action Limit, Wisconsin Administrative Code NR 140.10 Table 1, January 2020 exceedances are underlined italics.

ES - Enforcement Standard, Wisconsin Administrative Code NR 140.10 Table 1, January 2020 exceedances are **bold**.

December 17, 2020

Lanette Altenbach
AECOM, Inc.
1555 N River Center Drive
Suite 214
Milwaukee, WI 53212

RE: Project: 60646104 KEP
Pace Project No.: 40219623

Dear Lanette Altenbach:

Enclosed are the analytical results for sample(s) received by the laboratory on December 10, 2020. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise noted in the body of the report.

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

- Pace Analytical Services - Green Bay

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

Sincerely,



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

Enclosures

cc: Joel Mackinney, AECOM



REPORT OF LABORATORY ANALYSIS

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CERTIFICATIONS

Project: 60646104 KEP

Pace Project No.: 40219623

Pace Analytical Services Green Bay

1241 Bellevue Street, Green Bay, WI 54302

Florida/NELAP Certification #: E87948

Illinois Certification #: 200050

Kentucky UST Certification #: 82

Louisiana Certification #: 04168

Minnesota Certification #: 055-999-334

New York Certification #: 12064

North Dakota Certification #: R-150

Virginia VELAP ID: 460263

South Carolina Certification #: 83006001

Texas Certification #: T104704529-14-1

Wisconsin Certification #: 405132750

Wisconsin DATCP Certification #: 105-444

USDA Soil Permit #: P330-16-00157

Federal Fish & Wildlife Permit #: LE51774A-0

REPORT OF LABORATORY ANALYSIS

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SAMPLE SUMMARY

Project: 60646104 KEP

Pace Project No.: 40219623

Lab ID	Sample ID	Matrix	Date Collected	Date Received
40219623001	MW-70R	Water	12/07/20 13:12	12/10/20 10:10
40219623002	MW-69R	Water	12/07/20 15:25	12/10/20 10:10
40219623003	PZ-69R	Water	12/07/20 16:35	12/10/20 10:10
40219623004	PZ-2203	Water	12/08/20 09:45	12/10/20 10:10
40219623005	MW-2203	Water	12/08/20 10:55	12/10/20 10:10
40219623006	PZ-2202	Water	12/08/20 12:35	12/10/20 10:10
40219623007	MW-2202	Water	12/08/20 13:55	12/10/20 10:10
40219623008	PZ-2302	Water	12/07/20 12:20	12/10/20 10:10
40219623009	MW-2302	Water	12/07/20 13:20	12/10/20 10:10
40219623010	PZ-2301	Water	12/07/20 14:35	12/10/20 10:10
40219623011	MW-2301	Water	12/07/20 15:40	12/10/20 10:10
40219623012	MW-71R	Water	12/07/20 16:30	12/10/20 10:10
40219623013	PZ-2303	Water	12/08/20 10:30	12/10/20 10:10
40219623014	MW-2303	Water	12/08/20 12:00	12/10/20 10:10
40219623015	PZ-2110	Water	12/08/20 14:00	12/10/20 10:10
40219623016	TRIP BLANK	Water	12/08/20 16:35	12/10/20 10:10
40219623017	TB-2	Water	12/08/20 16:40	12/10/20 10:10
40219623018	TB-3	Water	12/08/20 16:45	12/10/20 10:10

REPORT OF LABORATORY ANALYSIS

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SAMPLE ANALYTE COUNT

Project: 60646104 KEP

Pace Project No.: 40219623

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
40219623001	MW-70R	EPA 8015B Modified	ALD	3	PASI-G
		EPA 6020	KXS	2	PASI-G
		EPA 6020	DS1	6	PASI-G
		EPA 8260	HNW	63	PASI-G
		SM 4500-S F (2000)	DEY	1	PASI-G
		EPA 300.0	HMB	2	PASI-G
		EPA 310.2	DAW	1	PASI-G
		EPA 410.4	TJJ	1	PASI-G
		SM 5310C	TJJ	1	PASI-G
40219623002	MW-69R	EPA 8015B Modified	ALD	3	PASI-G
		EPA 6020	KXS	2	PASI-G
		EPA 6020	DS1	6	PASI-G
		EPA 8260	HNW	63	PASI-G
		SM 4500-S F (2000)	DEY	1	PASI-G
		EPA 300.0	HMB	2	PASI-G
		EPA 310.2	DAW	1	PASI-G
		EPA 410.4	TJJ	1	PASI-G
		SM 5310C	TJJ	1	PASI-G
40219623003	PZ-69R	EPA 8015B Modified	ALD	3	PASI-G
		EPA 6020	KXS	2	PASI-G
		EPA 6020	DS1	6	PASI-G
		EPA 8260	HNW	63	PASI-G
		SM 4500-S F (2000)	DEY	1	PASI-G
		EPA 300.0	HMB	2	PASI-G
		EPA 310.2	DAW	1	PASI-G
		EPA 410.4	TJJ	1	PASI-G
		SM 5310C	TJJ	1	PASI-G
40219623004	PZ-2203	EPA 8015B Modified	ALD	3	PASI-G
		EPA 6020	KXS	2	PASI-G
		EPA 6020	DS1	6	PASI-G
		EPA 8260	HNW	63	PASI-G
		SM 4500-S F (2000)	DEY	1	PASI-G
		EPA 300.0	HMB	2	PASI-G
		EPA 310.2	DAW	1	PASI-G
		EPA 410.4	TJJ	1	PASI-G
		SM 5310C	TJJ	1	PASI-G
40219623005	MW-2203	EPA 8015B Modified	ALD	3	PASI-G

REPORT OF LABORATORY ANALYSIS

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SAMPLE ANALYTE COUNT

Project: 60646104 KEP
Pace Project No.: 40219623

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
		EPA 6020	KXS	2	PASI-G
		EPA 6020	DS1, KXS	6	PASI-G
		EPA 8260	HNW	63	PASI-G
		SM 4500-S F (2000)	DEY	1	PASI-G
		EPA 300.0	HMB	2	PASI-G
		EPA 310.2	DAW	1	PASI-G
		EPA 410.4	TJJ	1	PASI-G
		SM 5310C	TJJ	1	PASI-G
40219623006	PZ-2202	EPA 8015B Modified	ALD	3	PASI-G
		EPA 6020	KXS	2	PASI-G
		EPA 6020	DS1	6	PASI-G
		EPA 8260	HNW	63	PASI-G
		SM 4500-S F (2000)	DEY	1	PASI-G
		EPA 300.0	HMB	2	PASI-G
		EPA 310.2	DAW	1	PASI-G
		EPA 410.4	TJJ	1	PASI-G
		SM 5310C	TJJ	1	PASI-G
40219623007	MW-2202	EPA 8015B Modified	ALD	3	PASI-G
		EPA 6020	KXS	2	PASI-G
		EPA 6020	DS1	6	PASI-G
		EPA 8260	HNW	63	PASI-G
		SM 4500-S F (2000)	DEY	1	PASI-G
		EPA 300.0	HMB	2	PASI-G
		EPA 310.2	DAW	1	PASI-G
		EPA 410.4	TJJ	1	PASI-G
		SM 5310C	TJJ	1	PASI-G
40219623008	PZ-2302	EPA 8015B Modified	ALD	3	PASI-G
		EPA 6020	KXS	2	PASI-G
		EPA 6020	DS1, KXS	6	PASI-G
		EPA 8260	HNW	63	PASI-G
		SM 4500-S F (2000)	DEY	1	PASI-G
		EPA 300.0	HMB	2	PASI-G
		EPA 310.2	DAW	1	PASI-G
		EPA 410.4	TJJ	1	PASI-G
		SM 5310C	TJJ	1	PASI-G
40219623009	MW-2302	EPA 8015B Modified	ALD	3	PASI-G
		EPA 6020	KXS	2	PASI-G

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SAMPLE ANALYTE COUNT

Project: 60646104 KEP
Pace Project No.: 40219623

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory		
40219623010	PZ-2301	EPA 6020	DS1	6	PASI-G		
		EPA 8260	HNW	63	PASI-G		
		SM 4500-S F (2000)	DEY	1	PASI-G		
		EPA 300.0	HMB	2	PASI-G		
		EPA 310.2	DAW	1	PASI-G		
		EPA 410.4	TJJ	1	PASI-G		
		SM 5310C	TJJ	1	PASI-G		
		EPA 8015B Modified	ALD	3	PASI-G		
		EPA 6020	KXS	2	PASI-G		
		EPA 6020	DS1, KXS	6	PASI-G		
		EPA 8260	HNW	63	PASI-G		
		SM 4500-S F (2000)	DEY	1	PASI-G		
		EPA 300.0	HMB	2	PASI-G		
		EPA 310.2	DAW	1	PASI-G		
40219623011	MW-2301	EPA 410.4	TJJ	1	PASI-G		
		SM 5310C	TJJ	1	PASI-G		
		EPA 8015B Modified	ALD	3	PASI-G		
		EPA 6020	KXS	2	PASI-G		
		EPA 6020	DS1, KXS	6	PASI-G		
		EPA 8260	HNW	63	PASI-G		
		SM 4500-S F (2000)	DEY	1	PASI-G		
		EPA 300.0	HMB	2	PASI-G		
		EPA 310.2	DAW	1	PASI-G		
		EPA 410.4	TJJ	1	PASI-G		
		SM 5310C	TJJ	1	PASI-G		
		40219623012	MW-71R	EPA 8015B Modified	ALD	3	PASI-G
				EPA 6020	KXS	2	PASI-G
				EPA 6020	DS1	6	PASI-G
EPA 8260	HNW			63	PASI-G		
SM 4500-S F (2000)	DEY			1	PASI-G		
EPA 300.0	HMB			2	PASI-G		
EPA 310.2	DAW			1	PASI-G		
EPA 410.4	TJJ			1	PASI-G		
SM 5310C	TJJ			1	PASI-G		
40219623013	PZ-2303			EPA 8015B Modified	ALD	3	PASI-G
				EPA 6020	KXS	2	PASI-G
				EPA 6020	DS1	6	PASI-G

REPORT OF LABORATORY ANALYSIS

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SAMPLE ANALYTE COUNT

Project: 60646104 KEP
Pace Project No.: 40219623

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
		EPA 8260	HNW	63	PASI-G
		SM 4500-S F (2000)	DEY	1	PASI-G
		EPA 300.0	HMB	2	PASI-G
		EPA 310.2	DAW	1	PASI-G
		EPA 410.4	TJJ	1	PASI-G
		SM 5310C	TJJ	1	PASI-G
40219623014	MW-2303	EPA 8015B Modified	ALD	3	PASI-G
		EPA 6020	KXS	2	PASI-G
		EPA 6020	DS1	6	PASI-G
		EPA 8260	HNW	63	PASI-G
		SM 4500-S F (2000)	DEY	1	PASI-G
		EPA 300.0	HMB	2	PASI-G
		EPA 310.2	DAW	1	PASI-G
		EPA 410.4	TJJ	1	PASI-G
		SM 5310C	TJJ	1	PASI-G
40219623015	PZ-2110	EPA 8015B Modified	ALD	3	PASI-G
		EPA 6020	KXS	2	PASI-G
		EPA 6020	DS1	6	PASI-G
		EPA 8260	HNW	63	PASI-G
		SM 4500-S F (2000)	DEY	1	PASI-G
		EPA 300.0	HMB	2	PASI-G
		EPA 310.2	DAW	1	PASI-G
		EPA 410.4	TJJ	1	PASI-G
		SM 5310C	TJJ	1	PASI-G
40219623016	TRIP BLANK	EPA 8260	HNW	63	PASI-G
40219623017	TB-2	EPA 8260	HNW	63	PASI-G
40219623018	TB-3	EPA 8260	HNW	63	PASI-G

PASI-G = Pace Analytical Services - Green Bay

REPORT OF LABORATORY ANALYSIS

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SUMMARY OF DETECTION

Project: 60646104 KEP
Pace Project No.: 40219623

Lab Sample ID	Client Sample ID	Result	Units	Report Limit	Analyzed	Qualifiers
Method	Parameters					
40219623001	MW-70R					
EPA 8015B Modified	Methane	1.9J	ug/L	2.8	12/15/20 09:52	B
EPA 6020	Iron	0.31	mg/L	0.25	12/15/20 00:52	B
EPA 6020	Manganese	0.20	mg/L	0.0040	12/15/20 00:52	
EPA 6020	Barium, Dissolved	0.10	mg/L	0.0023	12/12/20 04:37	
EPA 6020	Iron, Dissolved	0.27	mg/L	0.25	12/12/20 04:37	B,M0,R1
EPA 6020	Manganese, Dissolved	0.19	mg/L	0.0040	12/12/20 04:37	
EPA 6020	Nickel, Dissolved	0.0038	mg/L	0.0010	12/12/20 04:37	
EPA 300.0	Chloride	101	mg/L	20.0	12/15/20 16:53	
EPA 300.0	Sulfate	276	mg/L	20.0	12/15/20 16:53	
EPA 310.2	Alkalinity, Total as CaCO3	521	mg/L	124	12/16/20 13:28	
EPA 410.4	Chemical Oxygen Demand	22.6J	mg/L	52.6	12/16/20 21:38	
SM 5310C	Total Organic Carbon	6.9	mg/L	3.0	12/14/20 18:07	
40219623002	MW-69R					
EPA 8015B Modified	Methane	2.4J	ug/L	2.8	12/15/20 09:59	B
EPA 6020	Iron	1.2	mg/L	0.25	12/15/20 01:19	
EPA 6020	Manganese	0.18	mg/L	0.0040	12/15/20 01:19	
EPA 6020	Barium, Dissolved	0.045	mg/L	0.0023	12/12/20 05:04	
EPA 6020	Iron, Dissolved	1.1	mg/L	0.25	12/12/20 05:04	B
EPA 6020	Manganese, Dissolved	0.17	mg/L	0.0040	12/12/20 05:04	
EPA 300.0	Chloride	33.0	mg/L	2.0	12/14/20 21:01	
EPA 300.0	Sulfate	136	mg/L	20.0	12/15/20 17:08	
EPA 310.2	Alkalinity, Total as CaCO3	286	mg/L	24.8	12/16/20 12:01	
SM 5310C	Total Organic Carbon	2.8	mg/L	1.0	12/14/20 18:51	
40219623003	PZ-69R					
EPA 8015B Modified	Methane	11.4	ug/L	2.8	12/15/20 10:06	
EPA 6020	Iron	2.8	mg/L	0.25	12/15/20 01:46	
EPA 6020	Manganese	0.15	mg/L	0.0040	12/15/20 01:46	
EPA 6020	Barium, Dissolved	0.10	mg/L	0.0023	12/12/20 05:18	
EPA 6020	Iron, Dissolved	2.9	mg/L	0.25	12/12/20 05:18	D9
EPA 6020	Manganese, Dissolved	0.15	mg/L	0.0040	12/12/20 05:18	
EPA 6020	Nickel, Dissolved	0.00081J	mg/L	0.0010	12/12/20 05:18	
EPA 300.0	Chloride	938	mg/L	200	12/15/20 18:28	
EPA 300.0	Sulfate	224	mg/L	20.0	12/15/20 17:23	
EPA 310.2	Alkalinity, Total as CaCO3	392	mg/L	49.6	12/16/20 12:02	
EPA 410.4	Chemical Oxygen Demand	28.2J	mg/L	50.0	12/16/20 21:39	
SM 5310C	Total Organic Carbon	2.6	mg/L	0.50	12/14/20 20:01	
40219623004	PZ-2203					
EPA 8015B Modified	Methane	1.6J	ug/L	2.8	12/15/20 10:13	B
EPA 6020	Iron	0.61	mg/L	0.25	12/15/20 01:53	B
EPA 6020	Manganese	0.060	mg/L	0.0040	12/15/20 01:53	
EPA 6020	Barium, Dissolved	0.13	mg/L	0.0023	12/12/20 05:25	
EPA 6020	Manganese, Dissolved	0.055	mg/L	0.0040	12/12/20 05:25	
EPA 6020	Nickel, Dissolved	0.0033	mg/L	0.0010	12/12/20 05:25	
EPA 300.0	Chloride	117	mg/L	20.0	12/15/20 18:43	
EPA 300.0	Sulfate	233	mg/L	20.0	12/15/20 18:43	
EPA 310.2	Alkalinity, Total as CaCO3	338	mg/L	49.6	12/16/20 12:03	M0

REPORT OF LABORATORY ANALYSIS

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SUMMARY OF DETECTION

Project: 60646104 KEP
Pace Project No.: 40219623

Lab Sample ID	Client Sample ID	Result	Units	Report Limit	Analyzed	Qualifiers
Method	Parameters					
40219623004	PZ-2203					
EPA 410.4	Chemical Oxygen Demand	17.0J	mg/L	50.0	12/16/20 21:39	
SM 5310C	Total Organic Carbon	4.0	mg/L	1.0	12/14/20 20:19	
40219623005	MW-2203					
EPA 8015B Modified	Methane	8.6	ug/L	2.8	12/15/20 10:20	B
EPA 6020	Iron	0.86	mg/L	0.25	12/15/20 02:00	
EPA 6020	Manganese	0.22	mg/L	0.0040	12/15/20 02:00	
EPA 6020	Barium, Dissolved	0.052	mg/L	0.0023	12/12/20 05:45	
EPA 6020	Chromium, Dissolved	0.0011J	mg/L	0.0034	12/12/20 05:45	
EPA 6020	Iron, Dissolved	0.68	mg/L	0.25	12/17/20 03:39	
EPA 6020	Manganese, Dissolved	0.24	mg/L	0.0040	12/12/20 05:45	D9
EPA 6020	Nickel, Dissolved	0.019	mg/L	0.0010	12/12/20 05:45	
EPA 300.0	Chloride	11.8	mg/L	2.0	12/14/20 21:46	
EPA 300.0	Sulfate	501	mg/L	40.0	12/15/20 18:58	
EPA 310.2	Alkalinity, Total as CaCO3	436	mg/L	24.8	12/16/20 12:07	
EPA 410.4	Chemical Oxygen Demand	26.0J	mg/L	50.0	12/16/20 21:39	
SM 5310C	Total Organic Carbon	8.5	mg/L	3.0	12/14/20 20:33	
40219623006	PZ-2202					
EPA 8015B Modified	Methane	174	ug/L	2.8	12/15/20 10:27	
EPA 6020	Iron	1.0	mg/L	0.25	12/15/20 02:07	
EPA 6020	Manganese	0.063	mg/L	0.0040	12/15/20 02:07	
EPA 6020	Barium, Dissolved	0.057	mg/L	0.0023	12/12/20 05:52	
EPA 6020	Iron, Dissolved	1.2	mg/L	0.25	12/12/20 05:52	B, D9
EPA 6020	Manganese, Dissolved	0.060	mg/L	0.0040	12/12/20 05:52	
EPA 6020	Nickel, Dissolved	0.00075J	mg/L	0.0010	12/12/20 05:52	
EPA 8260	cis-1,2-Dichloroethene	19.2	ug/L	1.0	12/14/20 11:05	
EPA 8260	trans-1,2-Dichloroethene	3.9	ug/L	1.5	12/14/20 11:05	
EPA 300.0	Chloride	126	mg/L	20.0	12/15/20 19:13	
EPA 300.0	Sulfate	252	mg/L	20.0	12/15/20 19:13	
EPA 310.2	Alkalinity, Total as CaCO3	351	mg/L	24.8	12/16/20 12:08	
SM 5310C	Total Organic Carbon	2.6	mg/L	0.50	12/14/20 20:48	
40219623007	MW-2202					
EPA 8015B Modified	Methane	143	ug/L	5.6	12/15/20 12:56	
EPA 6020	Iron	6.1	mg/L	0.25	12/15/20 02:14	
EPA 6020	Manganese	0.18	mg/L	0.0040	12/15/20 02:14	
EPA 6020	Barium, Dissolved	0.077	mg/L	0.0023	12/12/20 05:59	
EPA 6020	Iron, Dissolved	1.5	mg/L	0.25	12/12/20 05:59	B
EPA 6020	Manganese, Dissolved	0.15	mg/L	0.0040	12/12/20 05:59	
EPA 6020	Nickel, Dissolved	0.0015	mg/L	0.0010	12/12/20 05:59	
EPA 8260	cis-1,2-Dichloroethene	19.2	ug/L	1.0	12/14/20 11:26	
EPA 8260	trans-1,2-Dichloroethene	2.6	ug/L	1.5	12/14/20 11:26	
EPA 8260	Vinyl chloride	3.5	ug/L	1.0	12/14/20 11:26	
EPA 300.0	Chloride	30.3	mg/L	2.0	12/14/20 23:00	
EPA 300.0	Sulfate	226	mg/L	20.0	12/15/20 19:27	
EPA 310.2	Alkalinity, Total as CaCO3	401	mg/L	24.8	12/16/20 12:09	
SM 5310C	Total Organic Carbon	3.1	mg/L	0.50	12/14/20 21:04	

REPORT OF LABORATORY ANALYSIS

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SUMMARY OF DETECTION

Project: 60646104 KEP

Pace Project No.: 40219623

Lab Sample ID	Client Sample ID	Result	Units	Report Limit	Analyzed	Qualifiers
Method	Parameters					
40219623008	PZ-2302					
EPA 8015B Modified	Methane	82.0	ug/L	2.8	12/15/20 10:40	
EPA 6020	Iron	1.8	mg/L	0.25	12/15/20 02:20	
EPA 6020	Manganese	0.18	mg/L	0.0040	12/15/20 02:20	
EPA 6020	Barium, Dissolved	0.18	mg/L	0.0023	12/12/20 06:05	
EPA 6020	Chromium, Dissolved	0.0028J	mg/L	0.0034	12/12/20 06:05	
EPA 6020	Iron, Dissolved	0.96	mg/L	0.25	12/17/20 04:06	
EPA 6020	Manganese, Dissolved	0.21	mg/L	0.0040	12/12/20 06:05	D9
EPA 6020	Nickel, Dissolved	0.0022	mg/L	0.0010	12/12/20 06:05	
EPA 8260	1,1-Dichloroethane	0.47J	ug/L	1.0	12/14/20 11:55	
EPA 8260	Vinyl chloride	5.7	ug/L	1.0	12/14/20 11:55	
EPA 300.0	Chloride	324	mg/L	20.0	12/15/20 20:27	
EPA 300.0	Sulfate	291	mg/L	20.0	12/15/20 20:27	
EPA 310.2	Alkalinity, Total as CaCO3	483	mg/L	24.8	12/16/20 12:13	
EPA 410.4	Chemical Oxygen Demand	14.8J	mg/L	50.0	12/16/20 21:40	
SM 5310C	Total Organic Carbon	3.6	mg/L	1.5	12/14/20 21:19	
40219623009	MW-2302					
EPA 8015B Modified	Ethane	20.2	ug/L	5.6	12/15/20 10:47	
EPA 8015B Modified	Ethene	2.0J	ug/L	5.0	12/15/20 10:47	
EPA 8015B Modified	Methane	1920	ug/L	70.0	12/15/20 13:03	
EPA 6020	Iron	1.6	mg/L	0.25	12/15/20 02:27	
EPA 6020	Manganese	0.11	mg/L	0.0040	12/15/20 02:27	
EPA 6020	Barium, Dissolved	0.050	mg/L	0.0023	12/12/20 06:12	
EPA 6020	Chromium, Dissolved	0.0063	mg/L	0.0034	12/12/20 06:12	
EPA 6020	Iron, Dissolved	0.85	mg/L	0.25	12/12/20 06:12	B
EPA 6020	Manganese, Dissolved	0.11	mg/L	0.0040	12/12/20 06:12	
EPA 6020	Nickel, Dissolved	0.0011	mg/L	0.0010	12/12/20 06:12	
EPA 8260	Benzene	0.42J	ug/L	1.0	12/14/20 12:16	
EPA 8260	Chloroethane	19.1	ug/L	5.0	12/14/20 12:16	
EPA 8260	1,1-Dichloroethane	47.9	ug/L	1.0	12/14/20 12:16	
EPA 8260	cis-1,2-Dichloroethene	17.2	ug/L	1.0	12/14/20 12:16	
EPA 8260	trans-1,2-Dichloroethene	0.70J	ug/L	1.5	12/14/20 12:16	
EPA 8260	Methylene Chloride	25.3	ug/L	5.0	12/14/20 12:16	
EPA 8260	1,1,1-Trichloroethane	0.43J	ug/L	1.0	12/14/20 12:16	
EPA 8260	Trichloroethene	0.38J	ug/L	1.0	12/14/20 12:16	
EPA 8260	Vinyl chloride	4.9	ug/L	1.0	12/14/20 12:16	
EPA 300.0	Chloride	28.1	mg/L	2.0	12/14/20 23:30	
EPA 300.0	Sulfate	60.1	mg/L	10.0	12/15/20 20:42	
EPA 310.2	Alkalinity, Total as CaCO3	733	mg/L	124	12/16/20 13:29	
EPA 410.4	Chemical Oxygen Demand	107	mg/L	50.0	12/16/20 21:40	
SM 5310C	Total Organic Carbon	22.9	mg/L	3.0	12/14/20 21:34	
40219623010	PZ-2301					
EPA 8015B Modified	Ethene	5.3	ug/L	5.0	12/15/20 10:54	
EPA 8015B Modified	Methane	32.3	ug/L	2.8	12/15/20 10:54	
EPA 6020	Iron	2.2	mg/L	0.25	12/15/20 02:34	
EPA 6020	Manganese	0.18	mg/L	0.0040	12/15/20 02:34	
EPA 6020	Barium, Dissolved	0.093	mg/L	0.0023	12/12/20 06:19	

REPORT OF LABORATORY ANALYSIS

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SUMMARY OF DETECTION

Project: 60646104 KEP

Pace Project No.: 40219623

Lab Sample ID	Client Sample ID	Result	Units	Report Limit	Analyzed	Qualifiers
Method	Parameters					
40219623010	PZ-2301					
EPA 6020	Chromium, Dissolved	0.0013J	mg/L	0.0034	12/12/20 06:19	
EPA 6020	Manganese, Dissolved	0.18	mg/L	0.0040	12/12/20 06:19	
EPA 6020	Nickel, Dissolved	0.0032	mg/L	0.0010	12/12/20 06:19	
EPA 8260	Benzene	2.4	ug/L	1.0	12/14/20 12:37	
EPA 8260	cis-1,2-Dichloroethene	0.51J	ug/L	1.0	12/14/20 12:37	
EPA 8260	Toluene	1.2	ug/L	1.0	12/14/20 12:37	
EPA 8260	Vinyl chloride	0.80J	ug/L	1.0	12/14/20 12:37	
EPA 300.0	Chloride	64.0	mg/L	10.0	12/15/20 20:57	
EPA 300.0	Sulfate	130	mg/L	10.0	12/15/20 20:57	
EPA 310.2	Alkalinity, Total as CaCO3	338	mg/L	24.8	12/16/20 12:15	
EPA 410.4	Chemical Oxygen Demand	17.0J	mg/L	50.0	12/16/20 21:40	
SM 5310C	Total Organic Carbon	3.9	mg/L	1.5	12/14/20 21:48	
40219623011	MW-2301					
EPA 8015B Modified	Methane	1.8J	ug/L	2.8	12/15/20 11:31	B
EPA 6020	Iron	0.89	mg/L	0.25	12/15/20 02:54	
EPA 6020	Manganese	0.17	mg/L	0.0040	12/15/20 02:54	
EPA 6020	Barium, Dissolved	0.072	mg/L	0.0023	12/12/20 06:26	
EPA 6020	Chromium, Dissolved	0.0028J	mg/L	0.0034	12/12/20 06:26	
EPA 6020	Iron, Dissolved	0.94	mg/L	0.25	12/17/20 04:40	D9
EPA 6020	Manganese, Dissolved	0.19	mg/L	0.0040	12/12/20 06:26	D9
EPA 6020	Nickel, Dissolved	0.0014	mg/L	0.0010	12/12/20 06:26	
EPA 8260	1,1-Dichloroethene	11.0	ug/L	1.0	12/14/20 12:59	
EPA 8260	cis-1,2-Dichloroethene	1270	ug/L	20.0	12/14/20 17:49	
EPA 8260	trans-1,2-Dichloroethene	316	ug/L	30.9	12/14/20 17:49	
EPA 8260	Trichloroethene	285	ug/L	20.0	12/14/20 17:49	
EPA 8260	Vinyl chloride	2.2	ug/L	1.0	12/14/20 12:59	
EPA 300.0	Chloride	10.4	mg/L	2.0	12/14/20 23:59	
EPA 300.0	Sulfate	94.7	mg/L	10.0	12/15/20 21:11	
EPA 310.2	Alkalinity, Total as CaCO3	369	mg/L	24.8	12/16/20 12:16	
SM 5310C	Total Organic Carbon	2.5	mg/L	0.50	12/14/20 22:22	
40219623012	MW-71R					
EPA 8015B Modified	Ethane	5.7	ug/L	5.6	12/15/20 11:38	
EPA 8015B Modified	Methane	1.6J	ug/L	2.8	12/15/20 11:38	B
EPA 6020	Iron	0.47	mg/L	0.25	12/17/20 02:38	
EPA 6020	Manganese	0.65	mg/L	0.0040	12/15/20 03:01	
EPA 6020	Barium, Dissolved	0.12	mg/L	0.0023	12/12/20 06:33	
EPA 6020	Iron, Dissolved	0.31	mg/L	0.25	12/12/20 06:33	B
EPA 6020	Lead, Dissolved	0.00029J	mg/L	0.0010	12/12/20 06:33	
EPA 6020	Manganese, Dissolved	0.55	mg/L	0.0040	12/12/20 06:33	
EPA 6020	Nickel, Dissolved	0.0041	mg/L	0.0010	12/12/20 06:33	
EPA 300.0	Chloride	310	mg/L	20.0	12/15/20 21:26	
EPA 300.0	Sulfate	199	mg/L	20.0	12/15/20 21:26	
EPA 310.2	Alkalinity, Total as CaCO3	472	mg/L	24.8	12/16/20 12:18	
EPA 410.4	Chemical Oxygen Demand	19.3J	mg/L	50.0	12/16/20 21:40	
SM 5310C	Total Organic Carbon	4.3	mg/L	1.5	12/14/20 22:37	

REPORT OF LABORATORY ANALYSIS

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SUMMARY OF DETECTION

Project: 60646104 KEP
Pace Project No.: 40219623

Lab Sample ID	Client Sample ID	Result	Units	Report Limit	Analyzed	Qualifiers
Method	Parameters					
40219623013	PZ-2303					
EPA 8015B Modified	Methane	5.0	ug/L	2.8	12/15/20 11:45	B
EPA 6020	Iron	1.6	mg/L	0.25	12/15/20 03:08	
EPA 6020	Manganese	0.35	mg/L	0.0040	12/15/20 03:08	
EPA 6020	Barium, Dissolved	0.18	mg/L	0.0023	12/12/20 06:39	
EPA 6020	Iron, Dissolved	1.6	mg/L	0.25	12/12/20 06:39	B
EPA 6020	Manganese, Dissolved	0.36	mg/L	0.0040	12/12/20 06:39	D9
EPA 6020	Nickel, Dissolved	0.0012	mg/L	0.0010	12/12/20 06:39	
EPA 8260	cis-1,2-Dichloroethene	4.6	ug/L	1.0	12/14/20 17:07	
EPA 8260	Vinyl chloride	8.7	ug/L	1.0	12/14/20 17:07	
EPA 300.0	Chloride	51.5	mg/L	2.0	12/15/20 00:29	
EPA 300.0	Sulfate	230	mg/L	20.0	12/15/20 21:41	
EPA 310.2	Alkalinity, Total as CaCO3	453	mg/L	24.8	12/16/20 12:19	
SM 5310C	Total Organic Carbon	2.6	mg/L	0.50	12/14/20 22:50	
40219623014	MW-2303					
EPA 8015B Modified	Methane	6.2	ug/L	2.8	12/15/20 11:52	B
EPA 6020	Iron	7.2	mg/L	0.50	12/15/20 03:15	
EPA 6020	Manganese	0.66	mg/L	0.0081	12/15/20 03:15	
EPA 6020	Barium, Dissolved	0.13	mg/L	0.0023	12/12/20 06:46	
EPA 6020	Chromium, Dissolved	0.0060	mg/L	0.0034	12/12/20 06:46	
EPA 6020	Iron, Dissolved	4.5	mg/L	0.25	12/12/20 06:46	
EPA 6020	Lead, Dissolved	0.0054	mg/L	0.0010	12/12/20 06:46	
EPA 6020	Manganese, Dissolved	0.60	mg/L	0.0040	12/12/20 06:46	
EPA 6020	Nickel, Dissolved	0.0074	mg/L	0.0010	12/12/20 06:46	
EPA 8260	1,1-Dichloroethane	1.9J	ug/L	2.0	12/14/20 09:39	
EPA 8260	1,1-Dichloroethene	1.5J	ug/L	2.0	12/14/20 09:39	
EPA 8260	cis-1,2-Dichloroethene	279	ug/L	2.0	12/14/20 09:39	
EPA 8260	trans-1,2-Dichloroethene	23.7	ug/L	3.1	12/14/20 09:39	
EPA 8260	1,1,1-Trichloroethane	0.63J	ug/L	2.0	12/14/20 09:39	
EPA 8260	Trichloroethene	241	ug/L	2.0	12/14/20 09:39	
EPA 8260	Vinyl chloride	12.4	ug/L	2.0	12/14/20 09:39	
EPA 300.0	Chloride	64.1	mg/L	10.0	12/15/20 00:44	
EPA 300.0	Sulfate	201	mg/L	10.0	12/15/20 00:44	
EPA 310.2	Alkalinity, Total as CaCO3	354	mg/L	49.6	12/16/20 12:20	M0
EPA 410.4	Chemical Oxygen Demand	57.4	mg/L	50.0	12/16/20 21:40	
SM 5310C	Total Organic Carbon	3.0	mg/L	0.50	12/14/20 23:07	
40219623015	PZ-2110					
EPA 8015B Modified	Methane	3.4	ug/L	2.8	12/15/20 11:58	B
EPA 6020	Iron	0.23J	mg/L	0.25	12/15/20 03:22	B
EPA 6020	Manganese	0.099	mg/L	0.0040	12/15/20 03:22	
EPA 6020	Barium, Dissolved	0.094	mg/L	0.0023	12/12/20 07:07	
EPA 6020	Manganese, Dissolved	0.12	mg/L	0.0040	12/12/20 07:07	CR
EPA 6020	Nickel, Dissolved	0.0031	mg/L	0.0010	12/12/20 07:07	
EPA 300.0	Chloride	512	mg/L	40.0	12/15/20 21:56	
EPA 300.0	Sulfate	315	mg/L	40.0	12/15/20 21:56	
EPA 310.2	Alkalinity, Total as CaCO3	346	mg/L	24.8	12/16/20 12:29	
EPA 410.4	Chemical Oxygen Demand	30.5J	mg/L	50.0	12/16/20 21:40	

REPORT OF LABORATORY ANALYSIS

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SUMMARY OF DETECTION

Project: 60646104 KEP
Pace Project No.: 40219623

Lab Sample ID Method	Client Sample ID Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
40219623015	PZ-2110					
SM 5310C	Total Organic Carbon	3.5	mg/L	1.5	12/14/20 23:22	
40219623017	TB-2					
EPA 8260	Vinyl chloride	0.46J	ug/L	1.0	12/14/20 16:02	
40219623018	TB-3					
EPA 8260	Vinyl chloride	0.22J	ug/L	1.0	12/14/20 16:24	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 60646104 KEP

Pace Project No.: 40219623

Sample: MW-70R **Lab ID: 40219623001** Collected: 12/07/20 13:12 Received: 12/10/20 10:10 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	<1.2	ug/L	5.6	1.2	1		12/15/20 09:52	74-84-0	
Ethene	<1.2	ug/L	5.0	1.2	1		12/15/20 09:52	74-85-1	
Methane	1.9J	ug/L	2.8	0.66	1		12/15/20 09:52	74-82-8	B
6020 MET ICPMS									
Analytical Method: EPA 6020 Preparation Method: EPA 3010 Pace Analytical Services - Green Bay									
Iron	0.31	mg/L	0.25	0.058	1	12/11/20 05:34	12/15/20 00:52	7439-89-6	B
Manganese	0.20	mg/L	0.0040	0.0012	1	12/11/20 05:34	12/15/20 00:52	7439-96-5	
6020 MET ICPMS, Dissolved									
Analytical Method: EPA 6020 Preparation Method: EPA 3010 Pace Analytical Services - Green Bay									
Barium, Dissolved	0.10	mg/L	0.0023	0.00070	1	12/11/20 05:36	12/12/20 04:37	7440-39-3	
Chromium, Dissolved	<0.0010	mg/L	0.0034	0.0010	1	12/11/20 05:36	12/12/20 04:37	7440-47-3	
Iron, Dissolved	0.27	mg/L	0.25	0.058	1	12/11/20 05:36	12/12/20 04:37	7439-89-6	B, M0, R1
Lead, Dissolved	<0.00024	mg/L	0.0010	0.00024	1	12/11/20 05:36	12/12/20 04:37	7439-92-1	
Manganese, Dissolved	0.19	mg/L	0.0040	0.0012	1	12/11/20 05:36	12/12/20 04:37	7439-96-5	
Nickel, Dissolved	0.0038	mg/L	0.0010	0.00028	1	12/11/20 05:36	12/12/20 04:37	7440-02-0	
8260 MSV									
Analytical Method: EPA 8260 Pace Analytical Services - Green Bay									
Benzene	<0.25	ug/L	1.0	0.25	1		12/11/20 17:23	71-43-2	
Bromobenzene	<0.24	ug/L	1.0	0.24	1		12/11/20 17:23	108-86-1	
Bromochloromethane	<0.36	ug/L	5.0	0.36	1		12/11/20 17:23	74-97-5	
Bromodichloromethane	<0.36	ug/L	1.2	0.36	1		12/11/20 17:23	75-27-4	
Bromoform	<4.0	ug/L	13.2	4.0	1		12/11/20 17:23	75-25-2	
Bromomethane	<0.97	ug/L	5.0	0.97	1		12/11/20 17:23	74-83-9	
n-Butylbenzene	<0.71	ug/L	2.4	0.71	1		12/11/20 17:23	104-51-8	
sec-Butylbenzene	<0.85	ug/L	5.0	0.85	1		12/11/20 17:23	135-98-8	
tert-Butylbenzene	<0.30	ug/L	1.0	0.30	1		12/11/20 17:23	98-06-6	
Carbon tetrachloride	<1.1	ug/L	3.6	1.1	1		12/11/20 17:23	56-23-5	
Chlorobenzene	<0.71	ug/L	2.4	0.71	1		12/11/20 17:23	108-90-7	
Chloroethane	<1.3	ug/L	5.0	1.3	1		12/11/20 17:23	75-00-3	
Chloroform	<1.3	ug/L	5.0	1.3	1		12/11/20 17:23	67-66-3	
Chloromethane	<2.2	ug/L	7.3	2.2	1		12/11/20 17:23	74-87-3	
2-Chlorotoluene	<0.93	ug/L	5.0	0.93	1		12/11/20 17:23	95-49-8	
4-Chlorotoluene	<0.76	ug/L	2.5	0.76	1		12/11/20 17:23	106-43-4	
1,2-Dibromo-3-chloropropane	<1.8	ug/L	5.9	1.8	1		12/11/20 17:23	96-12-8	
Dibromochloromethane	<2.6	ug/L	8.7	2.6	1		12/11/20 17:23	124-48-1	
1,2-Dibromoethane (EDB)	<0.83	ug/L	2.8	0.83	1		12/11/20 17:23	106-93-4	
Dibromomethane	<0.94	ug/L	3.1	0.94	1		12/11/20 17:23	74-95-3	
1,2-Dichlorobenzene	<0.71	ug/L	2.4	0.71	1		12/11/20 17:23	95-50-1	
1,3-Dichlorobenzene	<0.63	ug/L	2.1	0.63	1		12/11/20 17:23	541-73-1	
1,4-Dichlorobenzene	<0.94	ug/L	3.1	0.94	1		12/11/20 17:23	106-46-7	
Dichlorodifluoromethane	<0.50	ug/L	5.0	0.50	1		12/11/20 17:23	75-71-8	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 60646104 KEP
Pace Project No.: 40219623

Sample: MW-70R **Lab ID: 40219623001** Collected: 12/07/20 13:12 Received: 12/10/20 10:10 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-Dichloroethane	<0.27	ug/L	1.0	0.27	1		12/11/20 17:23	75-34-3	
1,2-Dichloroethane	<0.28	ug/L	1.0	0.28	1		12/11/20 17:23	107-06-2	
1,1-Dichloroethene	<0.24	ug/L	1.0	0.24	1		12/11/20 17:23	75-35-4	
cis-1,2-Dichloroethene	<0.27	ug/L	1.0	0.27	1		12/11/20 17:23	156-59-2	
trans-1,2-Dichloroethene	<0.46	ug/L	1.5	0.46	1		12/11/20 17:23	156-60-5	
1,2-Dichloropropane	<0.28	ug/L	1.0	0.28	1		12/11/20 17:23	78-87-5	
1,3-Dichloropropane	<0.83	ug/L	2.8	0.83	1		12/11/20 17:23	142-28-9	
2,2-Dichloropropane	<2.3	ug/L	7.6	2.3	1		12/11/20 17:23	594-20-7	
1,1-Dichloropropene	<0.54	ug/L	1.8	0.54	1		12/11/20 17:23	563-58-6	
cis-1,3-Dichloropropene	<3.6	ug/L	12.1	3.6	1		12/11/20 17:23	10061-01-5	
trans-1,3-Dichloropropene	<4.4	ug/L	14.6	4.4	1		12/11/20 17:23	10061-02-6	
Diisopropyl ether	<1.9	ug/L	6.3	1.9	1		12/11/20 17:23	108-20-3	
Ethylbenzene	<0.32	ug/L	1.1	0.32	1		12/11/20 17:23	100-41-4	
Hexachloro-1,3-butadiene	<1.5	ug/L	4.9	1.5	1		12/11/20 17:23	87-68-3	
Isopropylbenzene (Cumene)	<1.7	ug/L	5.6	1.7	1		12/11/20 17:23	98-82-8	
p-Isopropyltoluene	<0.80	ug/L	2.7	0.80	1		12/11/20 17:23	99-87-6	
Methylene Chloride	<0.58	ug/L	5.0	0.58	1		12/11/20 17:23	75-09-2	
Methyl-tert-butyl ether	<1.2	ug/L	4.2	1.2	1		12/11/20 17:23	1634-04-4	
Naphthalene	<1.2	ug/L	5.0	1.2	1		12/11/20 17:23	91-20-3	
n-Propylbenzene	<0.81	ug/L	5.0	0.81	1		12/11/20 17:23	103-65-1	
Styrene	<3.0	ug/L	10.0	3.0	1		12/11/20 17:23	100-42-5	
1,1,1,2-Tetrachloroethane	<0.27	ug/L	1.0	0.27	1		12/11/20 17:23	630-20-6	
1,1,2,2-Tetrachloroethane	<0.28	ug/L	1.0	0.28	1		12/11/20 17:23	79-34-5	
Tetrachloroethene	<0.33	ug/L	1.1	0.33	1		12/11/20 17:23	127-18-4	
Toluene	<0.27	ug/L	1.0	0.27	1		12/11/20 17:23	108-88-3	
1,2,3-Trichlorobenzene	<2.2	ug/L	7.4	2.2	1		12/11/20 17:23	87-61-6	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		12/11/20 17:23	120-82-1	
1,1,1-Trichloroethane	<0.24	ug/L	1.0	0.24	1		12/11/20 17:23	71-55-6	
1,1,2-Trichloroethane	<0.55	ug/L	5.0	0.55	1		12/11/20 17:23	79-00-5	
Trichloroethene	<0.26	ug/L	1.0	0.26	1		12/11/20 17:23	79-01-6	
Trichlorofluoromethane	<0.21	ug/L	1.0	0.21	1		12/11/20 17:23	75-69-4	
1,2,3-Trichloropropane	<0.59	ug/L	5.0	0.59	1		12/11/20 17:23	96-18-4	
1,2,4-Trimethylbenzene	<0.84	ug/L	2.8	0.84	1		12/11/20 17:23	95-63-6	
1,3,5-Trimethylbenzene	<0.87	ug/L	2.9	0.87	1		12/11/20 17:23	108-67-8	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		12/11/20 17:23	75-01-4	
Xylene (Total)	<1.5	ug/L	3.0	1.5	1		12/11/20 17:23	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	96	%	70-130		1		12/11/20 17:23	460-00-4	
Dibromofluoromethane (S)	102	%	70-130		1		12/11/20 17:23	1868-53-7	
Toluene-d8 (S)	97	%	70-130		1		12/11/20 17:23	2037-26-5	
4500S2F Sulfide, Iodometric									
Analytical Method: SM 4500-S F (2000)									
Pace Analytical Services - Green Bay									
Sulfide	<1.2	mg/L	4.0	1.2	1		12/10/20 15:34		1q

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 60646104 KEP
Pace Project No.: 40219623

Sample: MW-70R **Lab ID: 40219623001** Collected: 12/07/20 13:12 Received: 12/10/20 10:10 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
300.0 IC Anions									
Analytical Method: EPA 300.0 Pace Analytical Services - Green Bay									
Chloride	101	mg/L	20.0	4.3	10		12/15/20 16:53	16887-00-6	
Sulfate	276	mg/L	20.0	4.4	10		12/15/20 16:53	14808-79-8	
310.2 Alkalinity									
Analytical Method: EPA 310.2 Pace Analytical Services - Green Bay									
Alkalinity, Total as CaCO ₃	521	mg/L	124	37.2	5		12/16/20 13:28		
410.4 COD									
Analytical Method: EPA 410.4 Preparation Method: EPA 410.4 Pace Analytical Services - Green Bay									
Chemical Oxygen Demand	22.6J	mg/L	52.6	15.5	1	12/16/20 17:17	12/16/20 21:38		
5310C TOC									
Analytical Method: SM 5310C Pace Analytical Services - Green Bay									
Total Organic Carbon	6.9	mg/L	3.0	0.83	6		12/14/20 18:07	7440-44-0	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 60646104 KEP

Pace Project No.: 40219623

Sample: MW-69R **Lab ID: 40219623002** Collected: 12/07/20 15:25 Received: 12/10/20 10:10 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	<1.2	ug/L	5.6	1.2	1		12/15/20 09:59	74-84-0	
Ethene	<1.2	ug/L	5.0	1.2	1		12/15/20 09:59	74-85-1	
Methane	2.4J	ug/L	2.8	0.66	1		12/15/20 09:59	74-82-8	B
6020 MET ICPMS									
Analytical Method: EPA 6020 Preparation Method: EPA 3010									
Pace Analytical Services - Green Bay									
Iron	1.2	mg/L	0.25	0.058	1	12/11/20 05:34	12/15/20 01:19	7439-89-6	
Manganese	0.18	mg/L	0.0040	0.0012	1	12/11/20 05:34	12/15/20 01:19	7439-96-5	
6020 MET ICPMS, Dissolved									
Analytical Method: EPA 6020 Preparation Method: EPA 3010									
Pace Analytical Services - Green Bay									
Barium, Dissolved	0.045	mg/L	0.0023	0.00070	1	12/11/20 05:36	12/12/20 05:04	7440-39-3	
Chromium, Dissolved	<0.0010	mg/L	0.0034	0.0010	1	12/11/20 05:36	12/12/20 05:04	7440-47-3	
Iron, Dissolved	1.1	mg/L	0.25	0.058	1	12/11/20 05:36	12/12/20 05:04	7439-89-6	B
Lead, Dissolved	<0.00024	mg/L	0.0010	0.00024	1	12/11/20 05:36	12/12/20 05:04	7439-92-1	
Manganese, Dissolved	0.17	mg/L	0.0040	0.0012	1	12/11/20 05:36	12/12/20 05:04	7439-96-5	
Nickel, Dissolved	<0.00028	mg/L	0.0010	0.00028	1	12/11/20 05:36	12/12/20 05:04	7440-02-0	
8260 MSV									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
Benzene	<0.25	ug/L	1.0	0.25	1		12/11/20 17:45	71-43-2	
Bromobenzene	<0.24	ug/L	1.0	0.24	1		12/11/20 17:45	108-86-1	
Bromochloromethane	<0.36	ug/L	5.0	0.36	1		12/11/20 17:45	74-97-5	
Bromodichloromethane	<0.36	ug/L	1.2	0.36	1		12/11/20 17:45	75-27-4	
Bromoform	<4.0	ug/L	13.2	4.0	1		12/11/20 17:45	75-25-2	
Bromomethane	<0.97	ug/L	5.0	0.97	1		12/11/20 17:45	74-83-9	
n-Butylbenzene	<0.71	ug/L	2.4	0.71	1		12/11/20 17:45	104-51-8	
sec-Butylbenzene	<0.85	ug/L	5.0	0.85	1		12/11/20 17:45	135-98-8	
tert-Butylbenzene	<0.30	ug/L	1.0	0.30	1		12/11/20 17:45	98-06-6	
Carbon tetrachloride	<1.1	ug/L	3.6	1.1	1		12/11/20 17:45	56-23-5	
Chlorobenzene	<0.71	ug/L	2.4	0.71	1		12/11/20 17:45	108-90-7	
Chloroethane	<1.3	ug/L	5.0	1.3	1		12/11/20 17:45	75-00-3	
Chloroform	<1.3	ug/L	5.0	1.3	1		12/11/20 17:45	67-66-3	
Chloromethane	<2.2	ug/L	7.3	2.2	1		12/11/20 17:45	74-87-3	
2-Chlorotoluene	<0.93	ug/L	5.0	0.93	1		12/11/20 17:45	95-49-8	
4-Chlorotoluene	<0.76	ug/L	2.5	0.76	1		12/11/20 17:45	106-43-4	
1,2-Dibromo-3-chloropropane	<1.8	ug/L	5.9	1.8	1		12/11/20 17:45	96-12-8	
Dibromochloromethane	<2.6	ug/L	8.7	2.6	1		12/11/20 17:45	124-48-1	
1,2-Dibromoethane (EDB)	<0.83	ug/L	2.8	0.83	1		12/11/20 17:45	106-93-4	
Dibromomethane	<0.94	ug/L	3.1	0.94	1		12/11/20 17:45	74-95-3	
1,2-Dichlorobenzene	<0.71	ug/L	2.4	0.71	1		12/11/20 17:45	95-50-1	
1,3-Dichlorobenzene	<0.63	ug/L	2.1	0.63	1		12/11/20 17:45	541-73-1	
1,4-Dichlorobenzene	<0.94	ug/L	3.1	0.94	1		12/11/20 17:45	106-46-7	
Dichlorodifluoromethane	<0.50	ug/L	5.0	0.50	1		12/11/20 17:45	75-71-8	
1,1-Dichloroethane	<0.27	ug/L	1.0	0.27	1		12/11/20 17:45	75-34-3	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 60646104 KEP

Pace Project No.: 40219623

Sample: MW-69R **Lab ID: 40219623002** Collected: 12/07/20 15:25 Received: 12/10/20 10:10 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-Dichloroethane	<0.28	ug/L	1.0	0.28	1		12/11/20 17:45	107-06-2	
1,1-Dichloroethene	<0.24	ug/L	1.0	0.24	1		12/11/20 17:45	75-35-4	
cis-1,2-Dichloroethene	<0.27	ug/L	1.0	0.27	1		12/11/20 17:45	156-59-2	
trans-1,2-Dichloroethene	<0.46	ug/L	1.5	0.46	1		12/11/20 17:45	156-60-5	
1,2-Dichloropropane	<0.28	ug/L	1.0	0.28	1		12/11/20 17:45	78-87-5	
1,3-Dichloropropane	<0.83	ug/L	2.8	0.83	1		12/11/20 17:45	142-28-9	
2,2-Dichloropropane	<2.3	ug/L	7.6	2.3	1		12/11/20 17:45	594-20-7	
1,1-Dichloropropene	<0.54	ug/L	1.8	0.54	1		12/11/20 17:45	563-58-6	
cis-1,3-Dichloropropene	<3.6	ug/L	12.1	3.6	1		12/11/20 17:45	10061-01-5	
trans-1,3-Dichloropropene	<4.4	ug/L	14.6	4.4	1		12/11/20 17:45	10061-02-6	
Diisopropyl ether	<1.9	ug/L	6.3	1.9	1		12/11/20 17:45	108-20-3	
Ethylbenzene	<0.32	ug/L	1.1	0.32	1		12/11/20 17:45	100-41-4	
Hexachloro-1,3-butadiene	<1.5	ug/L	4.9	1.5	1		12/11/20 17:45	87-68-3	
Isopropylbenzene (Cumene)	<1.7	ug/L	5.6	1.7	1		12/11/20 17:45	98-82-8	
p-Isopropyltoluene	<0.80	ug/L	2.7	0.80	1		12/11/20 17:45	99-87-6	
Methylene Chloride	<0.58	ug/L	5.0	0.58	1		12/11/20 17:45	75-09-2	
Methyl-tert-butyl ether	<1.2	ug/L	4.2	1.2	1		12/11/20 17:45	1634-04-4	
Naphthalene	<1.2	ug/L	5.0	1.2	1		12/11/20 17:45	91-20-3	
n-Propylbenzene	<0.81	ug/L	5.0	0.81	1		12/11/20 17:45	103-65-1	
Styrene	<3.0	ug/L	10.0	3.0	1		12/11/20 17:45	100-42-5	
1,1,1,2-Tetrachloroethane	<0.27	ug/L	1.0	0.27	1		12/11/20 17:45	630-20-6	
1,1,1,2,2-Tetrachloroethane	<0.28	ug/L	1.0	0.28	1		12/11/20 17:45	79-34-5	
Tetrachloroethene	<0.33	ug/L	1.1	0.33	1		12/11/20 17:45	127-18-4	
Toluene	<0.27	ug/L	1.0	0.27	1		12/11/20 17:45	108-88-3	
1,2,3-Trichlorobenzene	<2.2	ug/L	7.4	2.2	1		12/11/20 17:45	87-61-6	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		12/11/20 17:45	120-82-1	
1,1,1-Trichloroethane	<0.24	ug/L	1.0	0.24	1		12/11/20 17:45	71-55-6	
1,1,2-Trichloroethane	<0.55	ug/L	5.0	0.55	1		12/11/20 17:45	79-00-5	
Trichloroethene	<0.26	ug/L	1.0	0.26	1		12/11/20 17:45	79-01-6	
Trichlorofluoromethane	<0.21	ug/L	1.0	0.21	1		12/11/20 17:45	75-69-4	
1,2,3-Trichloropropane	<0.59	ug/L	5.0	0.59	1		12/11/20 17:45	96-18-4	
1,2,4-Trimethylbenzene	<0.84	ug/L	2.8	0.84	1		12/11/20 17:45	95-63-6	
1,3,5-Trimethylbenzene	<0.87	ug/L	2.9	0.87	1		12/11/20 17:45	108-67-8	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		12/11/20 17:45	75-01-4	
Xylene (Total)	<1.5	ug/L	3.0	1.5	1		12/11/20 17:45	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	97	%	70-130		1		12/11/20 17:45	460-00-4	
Dibromofluoromethane (S)	102	%	70-130		1		12/11/20 17:45	1868-53-7	
Toluene-d8 (S)	98	%	70-130		1		12/11/20 17:45	2037-26-5	
4500S2F Sulfide, Iodometric									
Analytical Method: SM 4500-S F (2000)									
Pace Analytical Services - Green Bay									
Sulfide	<1.2	mg/L	4.0	1.2	1		12/10/20 15:40		

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ANALYTICAL RESULTS

Project: 60646104 KEP

Pace Project No.: 40219623

Sample: MW-69R **Lab ID: 40219623002** Collected: 12/07/20 15:25 Received: 12/10/20 10:10 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
300.0 IC Anions									
Analytical Method: EPA 300.0 Pace Analytical Services - Green Bay									
Chloride	33.0	mg/L	2.0	0.43	1		12/14/20 21:01	16887-00-6	
Sulfate	136	mg/L	20.0	4.4	10		12/15/20 17:08	14808-79-8	
310.2 Alkalinity									
Analytical Method: EPA 310.2 Pace Analytical Services - Green Bay									
Alkalinity, Total as CaCO ₃	286	mg/L	24.8	7.4	1		12/16/20 12:01		
410.4 COD									
Analytical Method: EPA 410.4 Preparation Method: EPA 410.4 Pace Analytical Services - Green Bay									
Chemical Oxygen Demand	<15.5	mg/L	52.6	15.5	1	12/16/20 17:17	12/16/20 21:39		
5310C TOC									
Analytical Method: SM 5310C Pace Analytical Services - Green Bay									
Total Organic Carbon	2.8	mg/L	1.0	0.28	2		12/14/20 18:51	7440-44-0	

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ANALYTICAL RESULTS

Project: 60646104 KEP
Pace Project No.: 40219623

Sample: PZ-69R **Lab ID: 40219623003** Collected: 12/07/20 16:35 Received: 12/10/20 10:10 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	<1.2	ug/L	5.6	1.2	1		12/15/20 10:06	74-84-0	
Ethene	<1.2	ug/L	5.0	1.2	1		12/15/20 10:06	74-85-1	
Methane	11.4	ug/L	2.8	0.66	1		12/15/20 10:06	74-82-8	
6020 MET ICPMS									
Analytical Method: EPA 6020 Preparation Method: EPA 3010 Pace Analytical Services - Green Bay									
Iron	2.8	mg/L	0.25	0.058	1	12/11/20 05:34	12/15/20 01:46	7439-89-6	
Manganese	0.15	mg/L	0.0040	0.0012	1	12/11/20 05:34	12/15/20 01:46	7439-96-5	
6020 MET ICPMS, Dissolved									
Analytical Method: EPA 6020 Preparation Method: EPA 3010 Pace Analytical Services - Green Bay									
Barium, Dissolved	0.10	mg/L	0.0023	0.00070	1	12/11/20 05:36	12/12/20 05:18	7440-39-3	
Chromium, Dissolved	<0.0010	mg/L	0.0034	0.0010	1	12/11/20 05:36	12/12/20 05:18	7440-47-3	
Iron, Dissolved	2.9	mg/L	0.25	0.058	1	12/11/20 05:36	12/12/20 05:18	7439-89-6	D9
Lead, Dissolved	<0.00024	mg/L	0.0010	0.00024	1	12/11/20 05:36	12/12/20 05:18	7439-92-1	
Manganese, Dissolved	0.15	mg/L	0.0040	0.0012	1	12/11/20 05:36	12/12/20 05:18	7439-96-5	
Nickel, Dissolved	0.00081J	mg/L	0.0010	0.00028	1	12/11/20 05:36	12/12/20 05:18	7440-02-0	
8260 MSV									
Analytical Method: EPA 8260 Pace Analytical Services - Green Bay									
Benzene	<0.25	ug/L	1.0	0.25	1		12/11/20 18:08	71-43-2	
Bromobenzene	<0.24	ug/L	1.0	0.24	1		12/11/20 18:08	108-86-1	
Bromochloromethane	<0.36	ug/L	5.0	0.36	1		12/11/20 18:08	74-97-5	
Bromodichloromethane	<0.36	ug/L	1.2	0.36	1		12/11/20 18:08	75-27-4	
Bromoform	<4.0	ug/L	13.2	4.0	1		12/11/20 18:08	75-25-2	
Bromomethane	<0.97	ug/L	5.0	0.97	1		12/11/20 18:08	74-83-9	
n-Butylbenzene	<0.71	ug/L	2.4	0.71	1		12/11/20 18:08	104-51-8	
sec-Butylbenzene	<0.85	ug/L	5.0	0.85	1		12/11/20 18:08	135-98-8	
tert-Butylbenzene	<0.30	ug/L	1.0	0.30	1		12/11/20 18:08	98-06-6	
Carbon tetrachloride	<1.1	ug/L	3.6	1.1	1		12/11/20 18:08	56-23-5	
Chlorobenzene	<0.71	ug/L	2.4	0.71	1		12/11/20 18:08	108-90-7	
Chloroethane	<1.3	ug/L	5.0	1.3	1		12/11/20 18:08	75-00-3	
Chloroform	<1.3	ug/L	5.0	1.3	1		12/11/20 18:08	67-66-3	
Chloromethane	<2.2	ug/L	7.3	2.2	1		12/11/20 18:08	74-87-3	
2-Chlorotoluene	<0.93	ug/L	5.0	0.93	1		12/11/20 18:08	95-49-8	
4-Chlorotoluene	<0.76	ug/L	2.5	0.76	1		12/11/20 18:08	106-43-4	
1,2-Dibromo-3-chloropropane	<1.8	ug/L	5.9	1.8	1		12/11/20 18:08	96-12-8	
Dibromochloromethane	<2.6	ug/L	8.7	2.6	1		12/11/20 18:08	124-48-1	
1,2-Dibromoethane (EDB)	<0.83	ug/L	2.8	0.83	1		12/11/20 18:08	106-93-4	
Dibromomethane	<0.94	ug/L	3.1	0.94	1		12/11/20 18:08	74-95-3	
1,2-Dichlorobenzene	<0.71	ug/L	2.4	0.71	1		12/11/20 18:08	95-50-1	
1,3-Dichlorobenzene	<0.63	ug/L	2.1	0.63	1		12/11/20 18:08	541-73-1	
1,4-Dichlorobenzene	<0.94	ug/L	3.1	0.94	1		12/11/20 18:08	106-46-7	
Dichlorodifluoromethane	<0.50	ug/L	5.0	0.50	1		12/11/20 18:08	75-71-8	
1,1-Dichloroethane	<0.27	ug/L	1.0	0.27	1		12/11/20 18:08	75-34-3	

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ANALYTICAL RESULTS

Project: 60646104 KEP

Pace Project No.: 40219623

Sample: PZ-69R **Lab ID: 40219623003** Collected: 12/07/20 16:35 Received: 12/10/20 10:10 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-Dichloroethane	<0.28	ug/L	1.0	0.28	1		12/11/20 18:08	107-06-2	
1,1-Dichloroethene	<0.24	ug/L	1.0	0.24	1		12/11/20 18:08	75-35-4	
cis-1,2-Dichloroethene	<0.27	ug/L	1.0	0.27	1		12/11/20 18:08	156-59-2	
trans-1,2-Dichloroethene	<0.46	ug/L	1.5	0.46	1		12/11/20 18:08	156-60-5	
1,2-Dichloropropane	<0.28	ug/L	1.0	0.28	1		12/11/20 18:08	78-87-5	
1,3-Dichloropropane	<0.83	ug/L	2.8	0.83	1		12/11/20 18:08	142-28-9	
2,2-Dichloropropane	<2.3	ug/L	7.6	2.3	1		12/11/20 18:08	594-20-7	
1,1-Dichloropropene	<0.54	ug/L	1.8	0.54	1		12/11/20 18:08	563-58-6	
cis-1,3-Dichloropropene	<3.6	ug/L	12.1	3.6	1		12/11/20 18:08	10061-01-5	
trans-1,3-Dichloropropene	<4.4	ug/L	14.6	4.4	1		12/11/20 18:08	10061-02-6	
Diisopropyl ether	<1.9	ug/L	6.3	1.9	1		12/11/20 18:08	108-20-3	
Ethylbenzene	<0.32	ug/L	1.1	0.32	1		12/11/20 18:08	100-41-4	
Hexachloro-1,3-butadiene	<1.5	ug/L	4.9	1.5	1		12/11/20 18:08	87-68-3	
Isopropylbenzene (Cumene)	<1.7	ug/L	5.6	1.7	1		12/11/20 18:08	98-82-8	
p-Isopropyltoluene	<0.80	ug/L	2.7	0.80	1		12/11/20 18:08	99-87-6	
Methylene Chloride	<0.58	ug/L	5.0	0.58	1		12/11/20 18:08	75-09-2	
Methyl-tert-butyl ether	<1.2	ug/L	4.2	1.2	1		12/11/20 18:08	1634-04-4	
Naphthalene	<1.2	ug/L	5.0	1.2	1		12/11/20 18:08	91-20-3	
n-Propylbenzene	<0.81	ug/L	5.0	0.81	1		12/11/20 18:08	103-65-1	
Styrene	<3.0	ug/L	10.0	3.0	1		12/11/20 18:08	100-42-5	
1,1,1,2-Tetrachloroethane	<0.27	ug/L	1.0	0.27	1		12/11/20 18:08	630-20-6	
1,1,2,2-Tetrachloroethane	<0.28	ug/L	1.0	0.28	1		12/11/20 18:08	79-34-5	
Tetrachloroethene	<0.33	ug/L	1.1	0.33	1		12/11/20 18:08	127-18-4	
Toluene	<0.27	ug/L	1.0	0.27	1		12/11/20 18:08	108-88-3	
1,2,3-Trichlorobenzene	<2.2	ug/L	7.4	2.2	1		12/11/20 18:08	87-61-6	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		12/11/20 18:08	120-82-1	
1,1,1-Trichloroethane	<0.24	ug/L	1.0	0.24	1		12/11/20 18:08	71-55-6	
1,1,2-Trichloroethane	<0.55	ug/L	5.0	0.55	1		12/11/20 18:08	79-00-5	
Trichloroethene	<0.26	ug/L	1.0	0.26	1		12/11/20 18:08	79-01-6	
Trichlorofluoromethane	<0.21	ug/L	1.0	0.21	1		12/11/20 18:08	75-69-4	
1,2,3-Trichloropropane	<0.59	ug/L	5.0	0.59	1		12/11/20 18:08	96-18-4	
1,2,4-Trimethylbenzene	<0.84	ug/L	2.8	0.84	1		12/11/20 18:08	95-63-6	
1,3,5-Trimethylbenzene	<0.87	ug/L	2.9	0.87	1		12/11/20 18:08	108-67-8	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		12/11/20 18:08	75-01-4	
Xylene (Total)	<1.5	ug/L	3.0	1.5	1		12/11/20 18:08	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	97	%	70-130		1		12/11/20 18:08	460-00-4	
Dibromofluoromethane (S)	102	%	70-130		1		12/11/20 18:08	1868-53-7	
Toluene-d8 (S)	98	%	70-130		1		12/11/20 18:08	2037-26-5	
4500S2F Sulfide, Iodometric									
Analytical Method: SM 4500-S F (2000)									
Pace Analytical Services - Green Bay									
Sulfide	<1.2	mg/L	4.0	1.2	1		12/10/20 15:41		1q

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ANALYTICAL RESULTS

Project: 60646104 KEP
Pace Project No.: 40219623

Sample: PZ-69R **Lab ID: 40219623003** Collected: 12/07/20 16:35 Received: 12/10/20 10:10 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
300.0 IC Anions									
Analytical Method: EPA 300.0 Pace Analytical Services - Green Bay									
Chloride	938	mg/L	200	43.1	100		12/15/20 18:28	16887-00-6	
Sulfate	224	mg/L	20.0	4.4	10		12/15/20 17:23	14808-79-8	
310.2 Alkalinity									
Analytical Method: EPA 310.2 Pace Analytical Services - Green Bay									
Alkalinity, Total as CaCO ₃	392	mg/L	49.6	14.9	2		12/16/20 12:02		
410.4 COD									
Analytical Method: EPA 410.4 Preparation Method: EPA 410.4 Pace Analytical Services - Green Bay									
Chemical Oxygen Demand	28.2J	mg/L	50.0	14.7	1	12/16/20 17:17	12/16/20 21:39		
5310C TOC									
Analytical Method: SM 5310C Pace Analytical Services - Green Bay									
Total Organic Carbon	2.6	mg/L	0.50	0.14	1		12/14/20 20:01	7440-44-0	

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ANALYTICAL RESULTS

Project: 60646104 KEP
Pace Project No.: 40219623

Sample: PZ-2203 **Lab ID: 40219623004** Collected: 12/08/20 09:45 Received: 12/10/20 10:10 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	<1.2	ug/L	5.6	1.2	1		12/15/20 10:13	74-84-0	
Ethene	<1.2	ug/L	5.0	1.2	1		12/15/20 10:13	74-85-1	
Methane	1.6J	ug/L	2.8	0.66	1		12/15/20 10:13	74-82-8	B
6020 MET ICPMS									
Analytical Method: EPA 6020 Preparation Method: EPA 3010 Pace Analytical Services - Green Bay									
Iron	0.61	mg/L	0.25	0.058	1	12/11/20 05:34	12/15/20 01:53	7439-89-6	B
Manganese	0.060	mg/L	0.0040	0.0012	1	12/11/20 05:34	12/15/20 01:53	7439-96-5	
6020 MET ICPMS, Dissolved									
Analytical Method: EPA 6020 Preparation Method: EPA 3010 Pace Analytical Services - Green Bay									
Barium, Dissolved	0.13	mg/L	0.0023	0.00070	1	12/11/20 05:36	12/12/20 05:25	7440-39-3	
Chromium, Dissolved	<0.0010	mg/L	0.0034	0.0010	1	12/11/20 05:36	12/12/20 05:25	7440-47-3	
Iron, Dissolved	<0.058	mg/L	0.25	0.058	1	12/11/20 05:36	12/12/20 05:25	7439-89-6	
Lead, Dissolved	<0.00024	mg/L	0.0010	0.00024	1	12/11/20 05:36	12/12/20 05:25	7439-92-1	
Manganese, Dissolved	0.055	mg/L	0.0040	0.0012	1	12/11/20 05:36	12/12/20 05:25	7439-96-5	
Nickel, Dissolved	0.0033	mg/L	0.0010	0.00028	1	12/11/20 05:36	12/12/20 05:25	7440-02-0	
8260 MSV									
Analytical Method: EPA 8260 Pace Analytical Services - Green Bay									
Benzene	<0.25	ug/L	1.0	0.25	1		12/11/20 18:30	71-43-2	
Bromobenzene	<0.24	ug/L	1.0	0.24	1		12/11/20 18:30	108-86-1	
Bromochloromethane	<0.36	ug/L	5.0	0.36	1		12/11/20 18:30	74-97-5	
Bromodichloromethane	<0.36	ug/L	1.2	0.36	1		12/11/20 18:30	75-27-4	
Bromoform	<4.0	ug/L	13.2	4.0	1		12/11/20 18:30	75-25-2	
Bromomethane	<0.97	ug/L	5.0	0.97	1		12/11/20 18:30	74-83-9	
n-Butylbenzene	<0.71	ug/L	2.4	0.71	1		12/11/20 18:30	104-51-8	
sec-Butylbenzene	<0.85	ug/L	5.0	0.85	1		12/11/20 18:30	135-98-8	
tert-Butylbenzene	<0.30	ug/L	1.0	0.30	1		12/11/20 18:30	98-06-6	
Carbon tetrachloride	<1.1	ug/L	3.6	1.1	1		12/11/20 18:30	56-23-5	
Chlorobenzene	<0.71	ug/L	2.4	0.71	1		12/11/20 18:30	108-90-7	
Chloroethane	<1.3	ug/L	5.0	1.3	1		12/11/20 18:30	75-00-3	
Chloroform	<1.3	ug/L	5.0	1.3	1		12/11/20 18:30	67-66-3	
Chloromethane	<2.2	ug/L	7.3	2.2	1		12/11/20 18:30	74-87-3	
2-Chlorotoluene	<0.93	ug/L	5.0	0.93	1		12/11/20 18:30	95-49-8	
4-Chlorotoluene	<0.76	ug/L	2.5	0.76	1		12/11/20 18:30	106-43-4	
1,2-Dibromo-3-chloropropane	<1.8	ug/L	5.9	1.8	1		12/11/20 18:30	96-12-8	
Dibromochloromethane	<2.6	ug/L	8.7	2.6	1		12/11/20 18:30	124-48-1	
1,2-Dibromoethane (EDB)	<0.83	ug/L	2.8	0.83	1		12/11/20 18:30	106-93-4	
Dibromomethane	<0.94	ug/L	3.1	0.94	1		12/11/20 18:30	74-95-3	
1,2-Dichlorobenzene	<0.71	ug/L	2.4	0.71	1		12/11/20 18:30	95-50-1	
1,3-Dichlorobenzene	<0.63	ug/L	2.1	0.63	1		12/11/20 18:30	541-73-1	
1,4-Dichlorobenzene	<0.94	ug/L	3.1	0.94	1		12/11/20 18:30	106-46-7	
Dichlorodifluoromethane	<0.50	ug/L	5.0	0.50	1		12/11/20 18:30	75-71-8	
1,1-Dichloroethane	<0.27	ug/L	1.0	0.27	1		12/11/20 18:30	75-34-3	

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ANALYTICAL RESULTS

Project: 60646104 KEP

Pace Project No.: 40219623

Sample: PZ-2203 **Lab ID: 40219623004** Collected: 12/08/20 09:45 Received: 12/10/20 10:10 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-Dichloroethane	<0.28	ug/L	1.0	0.28	1		12/11/20 18:30	107-06-2	
1,1-Dichloroethane	<0.24	ug/L	1.0	0.24	1		12/11/20 18:30	75-35-4	
cis-1,2-Dichloroethene	<0.27	ug/L	1.0	0.27	1		12/11/20 18:30	156-59-2	
trans-1,2-Dichloroethene	<0.46	ug/L	1.5	0.46	1		12/11/20 18:30	156-60-5	
1,2-Dichloropropane	<0.28	ug/L	1.0	0.28	1		12/11/20 18:30	78-87-5	
1,3-Dichloropropane	<0.83	ug/L	2.8	0.83	1		12/11/20 18:30	142-28-9	
2,2-Dichloropropane	<2.3	ug/L	7.6	2.3	1		12/11/20 18:30	594-20-7	
1,1-Dichloropropene	<0.54	ug/L	1.8	0.54	1		12/11/20 18:30	563-58-6	
cis-1,3-Dichloropropene	<3.6	ug/L	12.1	3.6	1		12/11/20 18:30	10061-01-5	
trans-1,3-Dichloropropene	<4.4	ug/L	14.6	4.4	1		12/11/20 18:30	10061-02-6	
Diisopropyl ether	<1.9	ug/L	6.3	1.9	1		12/11/20 18:30	108-20-3	
Ethylbenzene	<0.32	ug/L	1.1	0.32	1		12/11/20 18:30	100-41-4	
Hexachloro-1,3-butadiene	<1.5	ug/L	4.9	1.5	1		12/11/20 18:30	87-68-3	
Isopropylbenzene (Cumene)	<1.7	ug/L	5.6	1.7	1		12/11/20 18:30	98-82-8	
p-Isopropyltoluene	<0.80	ug/L	2.7	0.80	1		12/11/20 18:30	99-87-6	
Methylene Chloride	<0.58	ug/L	5.0	0.58	1		12/11/20 18:30	75-09-2	
Methyl-tert-butyl ether	<1.2	ug/L	4.2	1.2	1		12/11/20 18:30	1634-04-4	
Naphthalene	<1.2	ug/L	5.0	1.2	1		12/11/20 18:30	91-20-3	
n-Propylbenzene	<0.81	ug/L	5.0	0.81	1		12/11/20 18:30	103-65-1	
Styrene	<3.0	ug/L	10.0	3.0	1		12/11/20 18:30	100-42-5	
1,1,1,2-Tetrachloroethane	<0.27	ug/L	1.0	0.27	1		12/11/20 18:30	630-20-6	
1,1,2,2-Tetrachloroethane	<0.28	ug/L	1.0	0.28	1		12/11/20 18:30	79-34-5	
Tetrachloroethene	<0.33	ug/L	1.1	0.33	1		12/11/20 18:30	127-18-4	
Toluene	<0.27	ug/L	1.0	0.27	1		12/11/20 18:30	108-88-3	
1,2,3-Trichlorobenzene	<2.2	ug/L	7.4	2.2	1		12/11/20 18:30	87-61-6	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		12/11/20 18:30	120-82-1	
1,1,1-Trichloroethane	<0.24	ug/L	1.0	0.24	1		12/11/20 18:30	71-55-6	
1,1,2-Trichloroethane	<0.55	ug/L	5.0	0.55	1		12/11/20 18:30	79-00-5	
Trichloroethene	<0.26	ug/L	1.0	0.26	1		12/11/20 18:30	79-01-6	
Trichlorofluoromethane	<0.21	ug/L	1.0	0.21	1		12/11/20 18:30	75-69-4	
1,2,3-Trichloropropane	<0.59	ug/L	5.0	0.59	1		12/11/20 18:30	96-18-4	
1,2,4-Trimethylbenzene	<0.84	ug/L	2.8	0.84	1		12/11/20 18:30	95-63-6	
1,3,5-Trimethylbenzene	<0.87	ug/L	2.9	0.87	1		12/11/20 18:30	108-67-8	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		12/11/20 18:30	75-01-4	
Xylene (Total)	<1.5	ug/L	3.0	1.5	1		12/11/20 18:30	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	97	%	70-130		1		12/11/20 18:30	460-00-4	
Dibromofluoromethane (S)	102	%	70-130		1		12/11/20 18:30	1868-53-7	
Toluene-d8 (S)	98	%	70-130		1		12/11/20 18:30	2037-26-5	

4500S2F Sulfide, Iodometric

Analytical Method: SM 4500-S F (2000)

Pace Analytical Services - Green Bay

Sulfide	<1.2	mg/L	4.0	1.2	1		12/10/20 15:45		1q
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ANALYTICAL RESULTS

Project: 60646104 KEP

Pace Project No.: 40219623

Sample: PZ-2203 **Lab ID: 40219623004** Collected: 12/08/20 09:45 Received: 12/10/20 10:10 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
300.0 IC Anions									
Analytical Method: EPA 300.0 Pace Analytical Services - Green Bay									
Chloride	117	mg/L	20.0	4.3	10		12/15/20 18:43	16887-00-6	
Sulfate	233	mg/L	20.0	4.4	10		12/15/20 18:43	14808-79-8	
310.2 Alkalinity									
Analytical Method: EPA 310.2 Pace Analytical Services - Green Bay									
Alkalinity, Total as CaCO ₃	338	mg/L	49.6	14.9	2		12/16/20 12:03		M0
410.4 COD									
Analytical Method: EPA 410.4 Preparation Method: EPA 410.4 Pace Analytical Services - Green Bay									
Chemical Oxygen Demand	17.0J	mg/L	50.0	14.7	1	12/16/20 17:17	12/16/20 21:39		
5310C TOC									
Analytical Method: SM 5310C Pace Analytical Services - Green Bay									
Total Organic Carbon	4.0	mg/L	1.0	0.28	2		12/14/20 20:19	7440-44-0	

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ANALYTICAL RESULTS

Project: 60646104 KEP

Pace Project No.: 40219623

Sample: MW-2203 **Lab ID: 40219623005** Collected: 12/08/20 10:55 Received: 12/10/20 10:10 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	<1.2	ug/L	5.6	1.2	1		12/15/20 10:20	74-84-0	
Ethene	<1.2	ug/L	5.0	1.2	1		12/15/20 10:20	74-85-1	
Methane	8.6	ug/L	2.8	0.66	1		12/15/20 10:20	74-82-8	B
6020 MET ICPMS									
Analytical Method: EPA 6020 Preparation Method: EPA 3010									
Pace Analytical Services - Green Bay									
Iron	0.86	mg/L	0.25	0.058	1	12/11/20 05:34	12/15/20 02:00	7439-89-6	
Manganese	0.22	mg/L	0.0040	0.0012	1	12/11/20 05:34	12/15/20 02:00	7439-96-5	
6020 MET ICPMS, Dissolved									
Analytical Method: EPA 6020 Preparation Method: EPA 3010									
Pace Analytical Services - Green Bay									
Barium, Dissolved	0.052	mg/L	0.0023	0.00070	1	12/11/20 05:36	12/12/20 05:45	7440-39-3	
Chromium, Dissolved	0.0011J	mg/L	0.0034	0.0010	1	12/11/20 05:36	12/12/20 05:45	7440-47-3	
Iron, Dissolved	0.68	mg/L	0.25	0.058	1	12/16/20 05:28	12/17/20 03:39	7439-89-6	
Lead, Dissolved	<0.00024	mg/L	0.0010	0.00024	1	12/11/20 05:36	12/12/20 05:45	7439-92-1	
Manganese, Dissolved	0.24	mg/L	0.0040	0.0012	1	12/11/20 05:36	12/12/20 05:45	7439-96-5	D9
Nickel, Dissolved	0.019	mg/L	0.0010	0.00028	1	12/11/20 05:36	12/12/20 05:45	7440-02-0	
8260 MSV									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
Benzene	<0.25	ug/L	1.0	0.25	1		12/14/20 10:43	71-43-2	
Bromobenzene	<0.24	ug/L	1.0	0.24	1		12/14/20 10:43	108-86-1	
Bromochloromethane	<0.36	ug/L	5.0	0.36	1		12/14/20 10:43	74-97-5	
Bromodichloromethane	<0.36	ug/L	1.2	0.36	1		12/14/20 10:43	75-27-4	
Bromoform	<4.0	ug/L	13.2	4.0	1		12/14/20 10:43	75-25-2	
Bromomethane	<0.97	ug/L	5.0	0.97	1		12/14/20 10:43	74-83-9	
n-Butylbenzene	<0.71	ug/L	2.4	0.71	1		12/14/20 10:43	104-51-8	
sec-Butylbenzene	<0.85	ug/L	5.0	0.85	1		12/14/20 10:43	135-98-8	
tert-Butylbenzene	<0.30	ug/L	1.0	0.30	1		12/14/20 10:43	98-06-6	
Carbon tetrachloride	<1.1	ug/L	3.6	1.1	1		12/14/20 10:43	56-23-5	
Chlorobenzene	<0.71	ug/L	2.4	0.71	1		12/14/20 10:43	108-90-7	
Chloroethane	<1.3	ug/L	5.0	1.3	1		12/14/20 10:43	75-00-3	
Chloroform	<1.3	ug/L	5.0	1.3	1		12/14/20 10:43	67-66-3	
Chloromethane	<2.2	ug/L	7.3	2.2	1		12/14/20 10:43	74-87-3	
2-Chlorotoluene	<0.93	ug/L	5.0	0.93	1		12/14/20 10:43	95-49-8	
4-Chlorotoluene	<0.76	ug/L	2.5	0.76	1		12/14/20 10:43	106-43-4	
1,2-Dibromo-3-chloropropane	<1.8	ug/L	5.9	1.8	1		12/14/20 10:43	96-12-8	
Dibromochloromethane	<2.6	ug/L	8.7	2.6	1		12/14/20 10:43	124-48-1	
1,2-Dibromoethane (EDB)	<0.83	ug/L	2.8	0.83	1		12/14/20 10:43	106-93-4	
Dibromomethane	<0.94	ug/L	3.1	0.94	1		12/14/20 10:43	74-95-3	
1,2-Dichlorobenzene	<0.71	ug/L	2.4	0.71	1		12/14/20 10:43	95-50-1	
1,3-Dichlorobenzene	<0.63	ug/L	2.1	0.63	1		12/14/20 10:43	541-73-1	
1,4-Dichlorobenzene	<0.94	ug/L	3.1	0.94	1		12/14/20 10:43	106-46-7	
Dichlorodifluoromethane	<0.50	ug/L	5.0	0.50	1		12/14/20 10:43	75-71-8	
1,1-Dichloroethane	<0.27	ug/L	1.0	0.27	1		12/14/20 10:43	75-34-3	

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ANALYTICAL RESULTS

Project: 60646104 KEP

Pace Project No.: 40219623

Sample: MW-2203 **Lab ID: 40219623005** Collected: 12/08/20 10:55 Received: 12/10/20 10:10 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-Dichloroethane	<0.28	ug/L	1.0	0.28	1		12/14/20 10:43	107-06-2	
1,1-Dichloroethane	<0.24	ug/L	1.0	0.24	1		12/14/20 10:43	75-35-4	
cis-1,2-Dichloroethene	<0.27	ug/L	1.0	0.27	1		12/14/20 10:43	156-59-2	
trans-1,2-Dichloroethene	<0.46	ug/L	1.5	0.46	1		12/14/20 10:43	156-60-5	
1,2-Dichloropropane	<0.28	ug/L	1.0	0.28	1		12/14/20 10:43	78-87-5	
1,3-Dichloropropane	<0.83	ug/L	2.8	0.83	1		12/14/20 10:43	142-28-9	
2,2-Dichloropropane	<2.3	ug/L	7.6	2.3	1		12/14/20 10:43	594-20-7	
1,1-Dichloropropene	<0.54	ug/L	1.8	0.54	1		12/14/20 10:43	563-58-6	
cis-1,3-Dichloropropene	<3.6	ug/L	12.1	3.6	1		12/14/20 10:43	10061-01-5	
trans-1,3-Dichloropropene	<4.4	ug/L	14.6	4.4	1		12/14/20 10:43	10061-02-6	
Diisopropyl ether	<1.9	ug/L	6.3	1.9	1		12/14/20 10:43	108-20-3	
Ethylbenzene	<0.32	ug/L	1.1	0.32	1		12/14/20 10:43	100-41-4	
Hexachloro-1,3-butadiene	<1.5	ug/L	4.9	1.5	1		12/14/20 10:43	87-68-3	
Isopropylbenzene (Cumene)	<1.7	ug/L	5.6	1.7	1		12/14/20 10:43	98-82-8	
p-Isopropyltoluene	<0.80	ug/L	2.7	0.80	1		12/14/20 10:43	99-87-6	
Methylene Chloride	<0.58	ug/L	5.0	0.58	1		12/14/20 10:43	75-09-2	
Methyl-tert-butyl ether	<1.2	ug/L	4.2	1.2	1		12/14/20 10:43	1634-04-4	
Naphthalene	<1.2	ug/L	5.0	1.2	1		12/14/20 10:43	91-20-3	
n-Propylbenzene	<0.81	ug/L	5.0	0.81	1		12/14/20 10:43	103-65-1	
Styrene	<3.0	ug/L	10.0	3.0	1		12/14/20 10:43	100-42-5	
1,1,1,2-Tetrachloroethane	<0.27	ug/L	1.0	0.27	1		12/14/20 10:43	630-20-6	
1,1,1,2,2-Tetrachloroethane	<0.28	ug/L	1.0	0.28	1		12/14/20 10:43	79-34-5	
Tetrachloroethene	<0.33	ug/L	1.1	0.33	1		12/14/20 10:43	127-18-4	
Toluene	<0.27	ug/L	1.0	0.27	1		12/14/20 10:43	108-88-3	
1,2,3-Trichlorobenzene	<2.2	ug/L	7.4	2.2	1		12/14/20 10:43	87-61-6	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		12/14/20 10:43	120-82-1	
1,1,1-Trichloroethane	<0.24	ug/L	1.0	0.24	1		12/14/20 10:43	71-55-6	
1,1,2-Trichloroethane	<0.55	ug/L	5.0	0.55	1		12/14/20 10:43	79-00-5	
Trichloroethene	<0.26	ug/L	1.0	0.26	1		12/14/20 10:43	79-01-6	
Trichlorofluoromethane	<0.21	ug/L	1.0	0.21	1		12/14/20 10:43	75-69-4	
1,2,3-Trichloropropane	<0.59	ug/L	5.0	0.59	1		12/14/20 10:43	96-18-4	
1,2,4-Trimethylbenzene	<0.84	ug/L	2.8	0.84	1		12/14/20 10:43	95-63-6	
1,3,5-Trimethylbenzene	<0.87	ug/L	2.9	0.87	1		12/14/20 10:43	108-67-8	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		12/14/20 10:43	75-01-4	
Xylene (Total)	<1.5	ug/L	3.0	1.5	1		12/14/20 10:43	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	95	%	70-130		1		12/14/20 10:43	460-00-4	
Dibromofluoromethane (S)	96	%	70-130		1		12/14/20 10:43	1868-53-7	
Toluene-d8 (S)	99	%	70-130		1		12/14/20 10:43	2037-26-5	

4500S2F Sulfide, Iodometric

Analytical Method: SM 4500-S F (2000)

Pace Analytical Services - Green Bay

Sulfide	<1.2	mg/L	4.0	1.2	1		12/10/20 15:47		1q
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ANALYTICAL RESULTS

Project: 60646104 KEP
Pace Project No.: 40219623

Sample: MW-2203 **Lab ID: 40219623005** Collected: 12/08/20 10:55 Received: 12/10/20 10:10 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
300.0 IC Anions									
Analytical Method: EPA 300.0 Pace Analytical Services - Green Bay									
Chloride	11.8	mg/L	2.0	0.43	1		12/14/20 21:46	16887-00-6	
Sulfate	501	mg/L	40.0	8.9	20		12/15/20 18:58	14808-79-8	
310.2 Alkalinity									
Analytical Method: EPA 310.2 Pace Analytical Services - Green Bay									
Alkalinity, Total as CaCO ₃	436	mg/L	24.8	7.4	1		12/16/20 12:07		
410.4 COD									
Analytical Method: EPA 410.4 Preparation Method: EPA 410.4 Pace Analytical Services - Green Bay									
Chemical Oxygen Demand	26.0J	mg/L	50.0	14.7	1	12/16/20 17:17	12/16/20 21:39		
5310C TOC									
Analytical Method: SM 5310C Pace Analytical Services - Green Bay									
Total Organic Carbon	8.5	mg/L	3.0	0.83	6		12/14/20 20:33	7440-44-0	

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ANALYTICAL RESULTS

Project: 60646104 KEP
Pace Project No.: 40219623

Sample: PZ-2202 **Lab ID: 40219623006** Collected: 12/08/20 12:35 Received: 12/10/20 10:10 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	<1.2	ug/L	5.6	1.2	1		12/15/20 10:27	74-84-0	
Ethene	<1.2	ug/L	5.0	1.2	1		12/15/20 10:27	74-85-1	
Methane	174	ug/L	2.8	0.66	1		12/15/20 10:27	74-82-8	
6020 MET ICPMS									
Analytical Method: EPA 6020 Preparation Method: EPA 3010 Pace Analytical Services - Green Bay									
Iron	1.0	mg/L	0.25	0.058	1	12/11/20 05:34	12/15/20 02:07	7439-89-6	
Manganese	0.063	mg/L	0.0040	0.0012	1	12/11/20 05:34	12/15/20 02:07	7439-96-5	
6020 MET ICPMS, Dissolved									
Analytical Method: EPA 6020 Preparation Method: EPA 3010 Pace Analytical Services - Green Bay									
Barium, Dissolved	0.057	mg/L	0.0023	0.00070	1	12/11/20 05:36	12/12/20 05:52	7440-39-3	
Chromium, Dissolved	<0.0010	mg/L	0.0034	0.0010	1	12/11/20 05:36	12/12/20 05:52	7440-47-3	
Iron, Dissolved	1.2	mg/L	0.25	0.058	1	12/11/20 05:36	12/12/20 05:52	7439-89-6	B,D9
Lead, Dissolved	<0.00024	mg/L	0.0010	0.00024	1	12/11/20 05:36	12/12/20 05:52	7439-92-1	
Manganese, Dissolved	0.060	mg/L	0.0040	0.0012	1	12/11/20 05:36	12/12/20 05:52	7439-96-5	
Nickel, Dissolved	0.00075J	mg/L	0.0010	0.00028	1	12/11/20 05:36	12/12/20 05:52	7440-02-0	
8260 MSV									
Analytical Method: EPA 8260 Pace Analytical Services - Green Bay									
Benzene	<0.25	ug/L	1.0	0.25	1		12/14/20 11:05	71-43-2	
Bromobenzene	<0.24	ug/L	1.0	0.24	1		12/14/20 11:05	108-86-1	
Bromochloromethane	<0.36	ug/L	5.0	0.36	1		12/14/20 11:05	74-97-5	
Bromodichloromethane	<0.36	ug/L	1.2	0.36	1		12/14/20 11:05	75-27-4	
Bromoform	<4.0	ug/L	13.2	4.0	1		12/14/20 11:05	75-25-2	
Bromomethane	<0.97	ug/L	5.0	0.97	1		12/14/20 11:05	74-83-9	
n-Butylbenzene	<0.71	ug/L	2.4	0.71	1		12/14/20 11:05	104-51-8	
sec-Butylbenzene	<0.85	ug/L	5.0	0.85	1		12/14/20 11:05	135-98-8	
tert-Butylbenzene	<0.30	ug/L	1.0	0.30	1		12/14/20 11:05	98-06-6	
Carbon tetrachloride	<1.1	ug/L	3.6	1.1	1		12/14/20 11:05	56-23-5	
Chlorobenzene	<0.71	ug/L	2.4	0.71	1		12/14/20 11:05	108-90-7	
Chloroethane	<1.3	ug/L	5.0	1.3	1		12/14/20 11:05	75-00-3	
Chloroform	<1.3	ug/L	5.0	1.3	1		12/14/20 11:05	67-66-3	
Chloromethane	<2.2	ug/L	7.3	2.2	1		12/14/20 11:05	74-87-3	
2-Chlorotoluene	<0.93	ug/L	5.0	0.93	1		12/14/20 11:05	95-49-8	
4-Chlorotoluene	<0.76	ug/L	2.5	0.76	1		12/14/20 11:05	106-43-4	
1,2-Dibromo-3-chloropropane	<1.8	ug/L	5.9	1.8	1		12/14/20 11:05	96-12-8	
Dibromochloromethane	<2.6	ug/L	8.7	2.6	1		12/14/20 11:05	124-48-1	
1,2-Dibromoethane (EDB)	<0.83	ug/L	2.8	0.83	1		12/14/20 11:05	106-93-4	
Dibromomethane	<0.94	ug/L	3.1	0.94	1		12/14/20 11:05	74-95-3	
1,2-Dichlorobenzene	<0.71	ug/L	2.4	0.71	1		12/14/20 11:05	95-50-1	
1,3-Dichlorobenzene	<0.63	ug/L	2.1	0.63	1		12/14/20 11:05	541-73-1	
1,4-Dichlorobenzene	<0.94	ug/L	3.1	0.94	1		12/14/20 11:05	106-46-7	
Dichlorodifluoromethane	<0.50	ug/L	5.0	0.50	1		12/14/20 11:05	75-71-8	
1,1-Dichloroethane	<0.27	ug/L	1.0	0.27	1		12/14/20 11:05	75-34-3	

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ANALYTICAL RESULTS

Project: 60646104 KEP
Pace Project No.: 40219623

Sample: PZ-2202 **Lab ID: 40219623006** Collected: 12/08/20 12:35 Received: 12/10/20 10:10 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-Dichloroethane	<0.28	ug/L	1.0	0.28	1		12/14/20 11:05	107-06-2	
1,1-Dichloroethane	<0.24	ug/L	1.0	0.24	1		12/14/20 11:05	75-35-4	
cis-1,2-Dichloroethene	19.2	ug/L	1.0	0.27	1		12/14/20 11:05	156-59-2	
trans-1,2-Dichloroethene	3.9	ug/L	1.5	0.46	1		12/14/20 11:05	156-60-5	
1,2-Dichloropropane	<0.28	ug/L	1.0	0.28	1		12/14/20 11:05	78-87-5	
1,3-Dichloropropane	<0.83	ug/L	2.8	0.83	1		12/14/20 11:05	142-28-9	
2,2-Dichloropropane	<2.3	ug/L	7.6	2.3	1		12/14/20 11:05	594-20-7	
1,1-Dichloropropene	<0.54	ug/L	1.8	0.54	1		12/14/20 11:05	563-58-6	
cis-1,3-Dichloropropene	<3.6	ug/L	12.1	3.6	1		12/14/20 11:05	10061-01-5	
trans-1,3-Dichloropropene	<4.4	ug/L	14.6	4.4	1		12/14/20 11:05	10061-02-6	
Diisopropyl ether	<1.9	ug/L	6.3	1.9	1		12/14/20 11:05	108-20-3	
Ethylbenzene	<0.32	ug/L	1.1	0.32	1		12/14/20 11:05	100-41-4	
Hexachloro-1,3-butadiene	<1.5	ug/L	4.9	1.5	1		12/14/20 11:05	87-68-3	
Isopropylbenzene (Cumene)	<1.7	ug/L	5.6	1.7	1		12/14/20 11:05	98-82-8	
p-Isopropyltoluene	<0.80	ug/L	2.7	0.80	1		12/14/20 11:05	99-87-6	
Methylene Chloride	<0.58	ug/L	5.0	0.58	1		12/14/20 11:05	75-09-2	
Methyl-tert-butyl ether	<1.2	ug/L	4.2	1.2	1		12/14/20 11:05	1634-04-4	
Naphthalene	<1.2	ug/L	5.0	1.2	1		12/14/20 11:05	91-20-3	
n-Propylbenzene	<0.81	ug/L	5.0	0.81	1		12/14/20 11:05	103-65-1	
Styrene	<3.0	ug/L	10.0	3.0	1		12/14/20 11:05	100-42-5	
1,1,1,2-Tetrachloroethane	<0.27	ug/L	1.0	0.27	1		12/14/20 11:05	630-20-6	
1,1,2,2-Tetrachloroethane	<0.28	ug/L	1.0	0.28	1		12/14/20 11:05	79-34-5	
Tetrachloroethene	<0.33	ug/L	1.1	0.33	1		12/14/20 11:05	127-18-4	
Toluene	<0.27	ug/L	1.0	0.27	1		12/14/20 11:05	108-88-3	
1,2,3-Trichlorobenzene	<2.2	ug/L	7.4	2.2	1		12/14/20 11:05	87-61-6	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		12/14/20 11:05	120-82-1	
1,1,1-Trichloroethane	<0.24	ug/L	1.0	0.24	1		12/14/20 11:05	71-55-6	
1,1,2-Trichloroethane	<0.55	ug/L	5.0	0.55	1		12/14/20 11:05	79-00-5	
Trichloroethene	<0.26	ug/L	1.0	0.26	1		12/14/20 11:05	79-01-6	
Trichlorofluoromethane	<0.21	ug/L	1.0	0.21	1		12/14/20 11:05	75-69-4	
1,2,3-Trichloropropane	<0.59	ug/L	5.0	0.59	1		12/14/20 11:05	96-18-4	
1,2,4-Trimethylbenzene	<0.84	ug/L	2.8	0.84	1		12/14/20 11:05	95-63-6	
1,3,5-Trimethylbenzene	<0.87	ug/L	2.9	0.87	1		12/14/20 11:05	108-67-8	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		12/14/20 11:05	75-01-4	
Xylene (Total)	<1.5	ug/L	3.0	1.5	1		12/14/20 11:05	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	91	%	70-130		1		12/14/20 11:05	460-00-4	
Dibromofluoromethane (S)	97	%	70-130		1		12/14/20 11:05	1868-53-7	
Toluene-d8 (S)	97	%	70-130		1		12/14/20 11:05	2037-26-5	
4500S2F Sulfide, Iodometric									
Analytical Method: SM 4500-S F (2000)									
Pace Analytical Services - Green Bay									
Sulfide	<1.2	mg/L	4.0	1.2	1		12/10/20 15:48		1q

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ANALYTICAL RESULTS

Project: 60646104 KEP

Pace Project No.: 40219623

Sample: PZ-2202 **Lab ID: 40219623006** Collected: 12/08/20 12:35 Received: 12/10/20 10:10 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
300.0 IC Anions									
Analytical Method: EPA 300.0 Pace Analytical Services - Green Bay									
Chloride	126	mg/L	20.0	4.3	10		12/15/20 19:13	16887-00-6	
Sulfate	252	mg/L	20.0	4.4	10		12/15/20 19:13	14808-79-8	
310.2 Alkalinity									
Analytical Method: EPA 310.2 Pace Analytical Services - Green Bay									
Alkalinity, Total as CaCO ₃	351	mg/L	24.8	7.4	1		12/16/20 12:08		
410.4 COD									
Analytical Method: EPA 410.4 Preparation Method: EPA 410.4 Pace Analytical Services - Green Bay									
Chemical Oxygen Demand	<14.7	mg/L	50.0	14.7	1	12/16/20 17:17	12/16/20 21:39		
5310C TOC									
Analytical Method: SM 5310C Pace Analytical Services - Green Bay									
Total Organic Carbon	2.6	mg/L	0.50	0.14	1		12/14/20 20:48	7440-44-0	

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ANALYTICAL RESULTS

Project: 60646104 KEP
Pace Project No.: 40219623

Sample: MW-2202 **Lab ID: 40219623007** Collected: 12/08/20 13:55 Received: 12/10/20 10:10 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	<1.2	ug/L	5.6	1.2	1		12/15/20 10:33	74-84-0	
Ethene	<1.2	ug/L	5.0	1.2	1		12/15/20 10:33	74-85-1	
Methane	143	ug/L	5.6	1.3	2		12/15/20 12:56	74-82-8	
6020 MET ICPMS									
Analytical Method: EPA 6020 Preparation Method: EPA 3010 Pace Analytical Services - Green Bay									
Iron	6.1	mg/L	0.25	0.058	1	12/11/20 05:34	12/15/20 02:14	7439-89-6	
Manganese	0.18	mg/L	0.0040	0.0012	1	12/11/20 05:34	12/15/20 02:14	7439-96-5	
6020 MET ICPMS, Dissolved									
Analytical Method: EPA 6020 Preparation Method: EPA 3010 Pace Analytical Services - Green Bay									
Barium, Dissolved	0.077	mg/L	0.0023	0.00070	1	12/11/20 05:36	12/12/20 05:59	7440-39-3	
Chromium, Dissolved	<0.0010	mg/L	0.0034	0.0010	1	12/11/20 05:36	12/12/20 05:59	7440-47-3	
Iron, Dissolved	1.5	mg/L	0.25	0.058	1	12/11/20 05:36	12/12/20 05:59	7439-89-6	B
Lead, Dissolved	<0.00024	mg/L	0.0010	0.00024	1	12/11/20 05:36	12/12/20 05:59	7439-92-1	
Manganese, Dissolved	0.15	mg/L	0.0040	0.0012	1	12/11/20 05:36	12/12/20 05:59	7439-96-5	
Nickel, Dissolved	0.0015	mg/L	0.0010	0.00028	1	12/11/20 05:36	12/12/20 05:59	7440-02-0	
8260 MSV									
Analytical Method: EPA 8260 Pace Analytical Services - Green Bay									
Benzene	<0.25	ug/L	1.0	0.25	1		12/14/20 11:26	71-43-2	
Bromobenzene	<0.24	ug/L	1.0	0.24	1		12/14/20 11:26	108-86-1	
Bromochloromethane	<0.36	ug/L	5.0	0.36	1		12/14/20 11:26	74-97-5	
Bromodichloromethane	<0.36	ug/L	1.2	0.36	1		12/14/20 11:26	75-27-4	
Bromoform	<4.0	ug/L	13.2	4.0	1		12/14/20 11:26	75-25-2	
Bromomethane	<0.97	ug/L	5.0	0.97	1		12/14/20 11:26	74-83-9	
n-Butylbenzene	<0.71	ug/L	2.4	0.71	1		12/14/20 11:26	104-51-8	
sec-Butylbenzene	<0.85	ug/L	5.0	0.85	1		12/14/20 11:26	135-98-8	
tert-Butylbenzene	<0.30	ug/L	1.0	0.30	1		12/14/20 11:26	98-06-6	
Carbon tetrachloride	<1.1	ug/L	3.6	1.1	1		12/14/20 11:26	56-23-5	
Chlorobenzene	<0.71	ug/L	2.4	0.71	1		12/14/20 11:26	108-90-7	
Chloroethane	<1.3	ug/L	5.0	1.3	1		12/14/20 11:26	75-00-3	
Chloroform	<1.3	ug/L	5.0	1.3	1		12/14/20 11:26	67-66-3	
Chloromethane	<2.2	ug/L	7.3	2.2	1		12/14/20 11:26	74-87-3	
2-Chlorotoluene	<0.93	ug/L	5.0	0.93	1		12/14/20 11:26	95-49-8	
4-Chlorotoluene	<0.76	ug/L	2.5	0.76	1		12/14/20 11:26	106-43-4	
1,2-Dibromo-3-chloropropane	<1.8	ug/L	5.9	1.8	1		12/14/20 11:26	96-12-8	
Dibromochloromethane	<2.6	ug/L	8.7	2.6	1		12/14/20 11:26	124-48-1	
1,2-Dibromoethane (EDB)	<0.83	ug/L	2.8	0.83	1		12/14/20 11:26	106-93-4	
Dibromomethane	<0.94	ug/L	3.1	0.94	1		12/14/20 11:26	74-95-3	
1,2-Dichlorobenzene	<0.71	ug/L	2.4	0.71	1		12/14/20 11:26	95-50-1	
1,3-Dichlorobenzene	<0.63	ug/L	2.1	0.63	1		12/14/20 11:26	541-73-1	
1,4-Dichlorobenzene	<0.94	ug/L	3.1	0.94	1		12/14/20 11:26	106-46-7	
Dichlorodifluoromethane	<0.50	ug/L	5.0	0.50	1		12/14/20 11:26	75-71-8	
1,1-Dichloroethane	<0.27	ug/L	1.0	0.27	1		12/14/20 11:26	75-34-3	

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ANALYTICAL RESULTS

Project: 60646104 KEP

Pace Project No.: 40219623

Sample: MW-2202 **Lab ID: 40219623007** Collected: 12/08/20 13:55 Received: 12/10/20 10:10 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-Dichloroethane	<0.28	ug/L	1.0	0.28	1		12/14/20 11:26	107-06-2	
1,1-Dichloroethane	<0.24	ug/L	1.0	0.24	1		12/14/20 11:26	75-35-4	
cis-1,2-Dichloroethene	19.2	ug/L	1.0	0.27	1		12/14/20 11:26	156-59-2	
trans-1,2-Dichloroethene	2.6	ug/L	1.5	0.46	1		12/14/20 11:26	156-60-5	
1,2-Dichloropropane	<0.28	ug/L	1.0	0.28	1		12/14/20 11:26	78-87-5	
1,3-Dichloropropane	<0.83	ug/L	2.8	0.83	1		12/14/20 11:26	142-28-9	
2,2-Dichloropropane	<2.3	ug/L	7.6	2.3	1		12/14/20 11:26	594-20-7	
1,1-Dichloropropene	<0.54	ug/L	1.8	0.54	1		12/14/20 11:26	563-58-6	
cis-1,3-Dichloropropene	<3.6	ug/L	12.1	3.6	1		12/14/20 11:26	10061-01-5	
trans-1,3-Dichloropropene	<4.4	ug/L	14.6	4.4	1		12/14/20 11:26	10061-02-6	
Diisopropyl ether	<1.9	ug/L	6.3	1.9	1		12/14/20 11:26	108-20-3	
Ethylbenzene	<0.32	ug/L	1.1	0.32	1		12/14/20 11:26	100-41-4	
Hexachloro-1,3-butadiene	<1.5	ug/L	4.9	1.5	1		12/14/20 11:26	87-68-3	
Isopropylbenzene (Cumene)	<1.7	ug/L	5.6	1.7	1		12/14/20 11:26	98-82-8	
p-Isopropyltoluene	<0.80	ug/L	2.7	0.80	1		12/14/20 11:26	99-87-6	
Methylene Chloride	<0.58	ug/L	5.0	0.58	1		12/14/20 11:26	75-09-2	
Methyl-tert-butyl ether	<1.2	ug/L	4.2	1.2	1		12/14/20 11:26	1634-04-4	
Naphthalene	<1.2	ug/L	5.0	1.2	1		12/14/20 11:26	91-20-3	
n-Propylbenzene	<0.81	ug/L	5.0	0.81	1		12/14/20 11:26	103-65-1	
Styrene	<3.0	ug/L	10.0	3.0	1		12/14/20 11:26	100-42-5	
1,1,1,2-Tetrachloroethane	<0.27	ug/L	1.0	0.27	1		12/14/20 11:26	630-20-6	
1,1,2,2-Tetrachloroethane	<0.28	ug/L	1.0	0.28	1		12/14/20 11:26	79-34-5	
Tetrachloroethene	<0.33	ug/L	1.1	0.33	1		12/14/20 11:26	127-18-4	
Toluene	<0.27	ug/L	1.0	0.27	1		12/14/20 11:26	108-88-3	
1,2,3-Trichlorobenzene	<2.2	ug/L	7.4	2.2	1		12/14/20 11:26	87-61-6	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		12/14/20 11:26	120-82-1	
1,1,1-Trichloroethane	<0.24	ug/L	1.0	0.24	1		12/14/20 11:26	71-55-6	
1,1,2-Trichloroethane	<0.55	ug/L	5.0	0.55	1		12/14/20 11:26	79-00-5	
Trichloroethene	<0.26	ug/L	1.0	0.26	1		12/14/20 11:26	79-01-6	
Trichlorofluoromethane	<0.21	ug/L	1.0	0.21	1		12/14/20 11:26	75-69-4	
1,2,3-Trichloropropane	<0.59	ug/L	5.0	0.59	1		12/14/20 11:26	96-18-4	
1,2,4-Trimethylbenzene	<0.84	ug/L	2.8	0.84	1		12/14/20 11:26	95-63-6	
1,3,5-Trimethylbenzene	<0.87	ug/L	2.9	0.87	1		12/14/20 11:26	108-67-8	
Vinyl chloride	3.5	ug/L	1.0	0.17	1		12/14/20 11:26	75-01-4	
Xylene (Total)	<1.5	ug/L	3.0	1.5	1		12/14/20 11:26	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	94	%	70-130		1		12/14/20 11:26	460-00-4	
Dibromofluoromethane (S)	94	%	70-130		1		12/14/20 11:26	1868-53-7	
Toluene-d8 (S)	98	%	70-130		1		12/14/20 11:26	2037-26-5	

4500S2F Sulfide, Iodometric

Analytical Method: SM 4500-S F (2000)

Pace Analytical Services - Green Bay

Sulfide	<1.2	mg/L	4.0	1.2	1		12/10/20 15:49		
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ANALYTICAL RESULTS

Project: 60646104 KEP

Pace Project No.: 40219623

Sample: MW-2202 **Lab ID: 40219623007** Collected: 12/08/20 13:55 Received: 12/10/20 10:10 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
300.0 IC Anions									
Analytical Method: EPA 300.0 Pace Analytical Services - Green Bay									
Chloride	30.3	mg/L	2.0	0.43	1		12/14/20 23:00	16887-00-6	
Sulfate	226	mg/L	20.0	4.4	10		12/15/20 19:27	14808-79-8	
310.2 Alkalinity									
Analytical Method: EPA 310.2 Pace Analytical Services - Green Bay									
Alkalinity, Total as CaCO ₃	401	mg/L	24.8	7.4	1		12/16/20 12:09		
410.4 COD									
Analytical Method: EPA 410.4 Preparation Method: EPA 410.4 Pace Analytical Services - Green Bay									
Chemical Oxygen Demand	<14.7	mg/L	50.0	14.7	1	12/16/20 17:17	12/16/20 21:40		
5310C TOC									
Analytical Method: SM 5310C Pace Analytical Services - Green Bay									
Total Organic Carbon	3.1	mg/L	0.50	0.14	1		12/14/20 21:04	7440-44-0	

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ANALYTICAL RESULTS

Project: 60646104 KEP

Pace Project No.: 40219623

Sample: PZ-2302 **Lab ID: 40219623008** Collected: 12/07/20 12:20 Received: 12/10/20 10:10 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	<1.2	ug/L	5.6	1.2	1		12/15/20 10:40	74-84-0	
Ethene	<1.2	ug/L	5.0	1.2	1		12/15/20 10:40	74-85-1	
Methane	82.0	ug/L	2.8	0.66	1		12/15/20 10:40	74-82-8	
6020 MET ICPMS									
Analytical Method: EPA 6020 Preparation Method: EPA 3010									
Pace Analytical Services - Green Bay									
Iron	1.8	mg/L	0.25	0.058	1	12/11/20 05:34	12/15/20 02:20	7439-89-6	
Manganese	0.18	mg/L	0.0040	0.0012	1	12/11/20 05:34	12/15/20 02:20	7439-96-5	
6020 MET ICPMS, Dissolved									
Analytical Method: EPA 6020 Preparation Method: EPA 3010									
Pace Analytical Services - Green Bay									
Barium, Dissolved	0.18	mg/L	0.0023	0.00070	1	12/11/20 05:36	12/12/20 06:05	7440-39-3	
Chromium, Dissolved	0.0028J	mg/L	0.0034	0.0010	1	12/11/20 05:36	12/12/20 06:05	7440-47-3	
Iron, Dissolved	0.96	mg/L	0.25	0.058	1	12/16/20 05:28	12/17/20 04:06	7439-89-6	
Lead, Dissolved	<0.00024	mg/L	0.0010	0.00024	1	12/11/20 05:36	12/12/20 06:05	7439-92-1	
Manganese, Dissolved	0.21	mg/L	0.0040	0.0012	1	12/11/20 05:36	12/12/20 06:05	7439-96-5	D9
Nickel, Dissolved	0.0022	mg/L	0.0010	0.00028	1	12/11/20 05:36	12/12/20 06:05	7440-02-0	
8260 MSV									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
Benzene	<0.25	ug/L	1.0	0.25	1		12/14/20 11:55	71-43-2	
Bromobenzene	<0.24	ug/L	1.0	0.24	1		12/14/20 11:55	108-86-1	
Bromochloromethane	<0.36	ug/L	5.0	0.36	1		12/14/20 11:55	74-97-5	
Bromodichloromethane	<0.36	ug/L	1.2	0.36	1		12/14/20 11:55	75-27-4	
Bromoform	<4.0	ug/L	13.2	4.0	1		12/14/20 11:55	75-25-2	
Bromomethane	<0.97	ug/L	5.0	0.97	1		12/14/20 11:55	74-83-9	
n-Butylbenzene	<0.71	ug/L	2.4	0.71	1		12/14/20 11:55	104-51-8	
sec-Butylbenzene	<0.85	ug/L	5.0	0.85	1		12/14/20 11:55	135-98-8	
tert-Butylbenzene	<0.30	ug/L	1.0	0.30	1		12/14/20 11:55	98-06-6	
Carbon tetrachloride	<1.1	ug/L	3.6	1.1	1		12/14/20 11:55	56-23-5	
Chlorobenzene	<0.71	ug/L	2.4	0.71	1		12/14/20 11:55	108-90-7	
Chloroethane	<1.3	ug/L	5.0	1.3	1		12/14/20 11:55	75-00-3	
Chloroform	<1.3	ug/L	5.0	1.3	1		12/14/20 11:55	67-66-3	
Chloromethane	<2.2	ug/L	7.3	2.2	1		12/14/20 11:55	74-87-3	
2-Chlorotoluene	<0.93	ug/L	5.0	0.93	1		12/14/20 11:55	95-49-8	
4-Chlorotoluene	<0.76	ug/L	2.5	0.76	1		12/14/20 11:55	106-43-4	
1,2-Dibromo-3-chloropropane	<1.8	ug/L	5.9	1.8	1		12/14/20 11:55	96-12-8	
Dibromochloromethane	<2.6	ug/L	8.7	2.6	1		12/14/20 11:55	124-48-1	
1,2-Dibromoethane (EDB)	<0.83	ug/L	2.8	0.83	1		12/14/20 11:55	106-93-4	
Dibromomethane	<0.94	ug/L	3.1	0.94	1		12/14/20 11:55	74-95-3	
1,2-Dichlorobenzene	<0.71	ug/L	2.4	0.71	1		12/14/20 11:55	95-50-1	
1,3-Dichlorobenzene	<0.63	ug/L	2.1	0.63	1		12/14/20 11:55	541-73-1	
1,4-Dichlorobenzene	<0.94	ug/L	3.1	0.94	1		12/14/20 11:55	106-46-7	
Dichlorodifluoromethane	<0.50	ug/L	5.0	0.50	1		12/14/20 11:55	75-71-8	
1,1-Dichloroethane	0.47J	ug/L	1.0	0.27	1		12/14/20 11:55	75-34-3	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 60646104 KEP
Pace Project No.: 40219623

Sample: PZ-2302 **Lab ID: 40219623008** Collected: 12/07/20 12:20 Received: 12/10/20 10:10 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-Dichloroethane	<0.28	ug/L	1.0	0.28	1		12/14/20 11:55	107-06-2	
1,1-Dichloroethene	<0.24	ug/L	1.0	0.24	1		12/14/20 11:55	75-35-4	
cis-1,2-Dichloroethene	<0.27	ug/L	1.0	0.27	1		12/14/20 11:55	156-59-2	
trans-1,2-Dichloroethene	<0.46	ug/L	1.5	0.46	1		12/14/20 11:55	156-60-5	
1,2-Dichloropropane	<0.28	ug/L	1.0	0.28	1		12/14/20 11:55	78-87-5	
1,3-Dichloropropane	<0.83	ug/L	2.8	0.83	1		12/14/20 11:55	142-28-9	
2,2-Dichloropropane	<2.3	ug/L	7.6	2.3	1		12/14/20 11:55	594-20-7	
1,1-Dichloropropene	<0.54	ug/L	1.8	0.54	1		12/14/20 11:55	563-58-6	
cis-1,3-Dichloropropene	<3.6	ug/L	12.1	3.6	1		12/14/20 11:55	10061-01-5	
trans-1,3-Dichloropropene	<4.4	ug/L	14.6	4.4	1		12/14/20 11:55	10061-02-6	
Diisopropyl ether	<1.9	ug/L	6.3	1.9	1		12/14/20 11:55	108-20-3	
Ethylbenzene	<0.32	ug/L	1.1	0.32	1		12/14/20 11:55	100-41-4	
Hexachloro-1,3-butadiene	<1.5	ug/L	4.9	1.5	1		12/14/20 11:55	87-68-3	
Isopropylbenzene (Cumene)	<1.7	ug/L	5.6	1.7	1		12/14/20 11:55	98-82-8	
p-Isopropyltoluene	<0.80	ug/L	2.7	0.80	1		12/14/20 11:55	99-87-6	
Methylene Chloride	<0.58	ug/L	5.0	0.58	1		12/14/20 11:55	75-09-2	
Methyl-tert-butyl ether	<1.2	ug/L	4.2	1.2	1		12/14/20 11:55	1634-04-4	
Naphthalene	<1.2	ug/L	5.0	1.2	1		12/14/20 11:55	91-20-3	
n-Propylbenzene	<0.81	ug/L	5.0	0.81	1		12/14/20 11:55	103-65-1	
Styrene	<3.0	ug/L	10.0	3.0	1		12/14/20 11:55	100-42-5	
1,1,1,2-Tetrachloroethane	<0.27	ug/L	1.0	0.27	1		12/14/20 11:55	630-20-6	
1,1,2,2-Tetrachloroethane	<0.28	ug/L	1.0	0.28	1		12/14/20 11:55	79-34-5	
Tetrachloroethene	<0.33	ug/L	1.1	0.33	1		12/14/20 11:55	127-18-4	
Toluene	<0.27	ug/L	1.0	0.27	1		12/14/20 11:55	108-88-3	
1,2,3-Trichlorobenzene	<2.2	ug/L	7.4	2.2	1		12/14/20 11:55	87-61-6	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		12/14/20 11:55	120-82-1	
1,1,1-Trichloroethane	<0.24	ug/L	1.0	0.24	1		12/14/20 11:55	71-55-6	
1,1,2-Trichloroethane	<0.55	ug/L	5.0	0.55	1		12/14/20 11:55	79-00-5	
Trichloroethene	<0.26	ug/L	1.0	0.26	1		12/14/20 11:55	79-01-6	
Trichlorofluoromethane	<0.21	ug/L	1.0	0.21	1		12/14/20 11:55	75-69-4	
1,2,3-Trichloropropane	<0.59	ug/L	5.0	0.59	1		12/14/20 11:55	96-18-4	
1,2,4-Trimethylbenzene	<0.84	ug/L	2.8	0.84	1		12/14/20 11:55	95-63-6	
1,3,5-Trimethylbenzene	<0.87	ug/L	2.9	0.87	1		12/14/20 11:55	108-67-8	
Vinyl chloride	5.7	ug/L	1.0	0.17	1		12/14/20 11:55	75-01-4	
Xylene (Total)	<1.5	ug/L	3.0	1.5	1		12/14/20 11:55	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	93	%	70-130		1		12/14/20 11:55	460-00-4	
Dibromofluoromethane (S)	93	%	70-130		1		12/14/20 11:55	1868-53-7	
Toluene-d8 (S)	98	%	70-130		1		12/14/20 11:55	2037-26-5	
4500S2F Sulfide, Iodometric									
Analytical Method: SM 4500-S F (2000)									
Pace Analytical Services - Green Bay									
Sulfide	<1.2	mg/L	4.0	1.2	1		12/10/20 15:53		1q

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ANALYTICAL RESULTS

Project: 60646104 KEP

Pace Project No.: 40219623

Sample: PZ-2302 **Lab ID: 40219623008** Collected: 12/07/20 12:20 Received: 12/10/20 10:10 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
300.0 IC Anions									
Analytical Method: EPA 300.0 Pace Analytical Services - Green Bay									
Chloride	324	mg/L	20.0	4.3	10		12/15/20 20:27	16887-00-6	
Sulfate	291	mg/L	20.0	4.4	10		12/15/20 20:27	14808-79-8	
310.2 Alkalinity									
Analytical Method: EPA 310.2 Pace Analytical Services - Green Bay									
Alkalinity, Total as CaCO ₃	483	mg/L	24.8	7.4	1		12/16/20 12:13		
410.4 COD									
Analytical Method: EPA 410.4 Preparation Method: EPA 410.4 Pace Analytical Services - Green Bay									
Chemical Oxygen Demand	14.8J	mg/L	50.0	14.7	1	12/16/20 17:17	12/16/20 21:40		
5310C TOC									
Analytical Method: SM 5310C Pace Analytical Services - Green Bay									
Total Organic Carbon	3.6	mg/L	1.5	0.42	3		12/14/20 21:19	7440-44-0	

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ANALYTICAL RESULTS

Project: 60646104 KEP
Pace Project No.: 40219623

Sample: MW-2302 **Lab ID: 40219623009** Collected: 12/07/20 13:20 Received: 12/10/20 10:10 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	20.2	ug/L	5.6	1.2	1		12/15/20 10:47	74-84-0	
Ethene	2.0J	ug/L	5.0	1.2	1		12/15/20 10:47	74-85-1	
Methane	1920	ug/L	70.0	16.6	25		12/15/20 13:03	74-82-8	
6020 MET ICPMS									
Analytical Method: EPA 6020 Preparation Method: EPA 3010 Pace Analytical Services - Green Bay									
Iron	1.6	mg/L	0.25	0.058	1	12/11/20 05:34	12/15/20 02:27	7439-89-6	
Manganese	0.11	mg/L	0.0040	0.0012	1	12/11/20 05:34	12/15/20 02:27	7439-96-5	
6020 MET ICPMS, Dissolved									
Analytical Method: EPA 6020 Preparation Method: EPA 3010 Pace Analytical Services - Green Bay									
Barium, Dissolved	0.050	mg/L	0.0023	0.00070	1	12/11/20 05:36	12/12/20 06:12	7440-39-3	
Chromium, Dissolved	0.0063	mg/L	0.0034	0.0010	1	12/11/20 05:36	12/12/20 06:12	7440-47-3	
Iron, Dissolved	0.85	mg/L	0.25	0.058	1	12/11/20 05:36	12/12/20 06:12	7439-89-6	B
Lead, Dissolved	<0.00024	mg/L	0.0010	0.00024	1	12/11/20 05:36	12/12/20 06:12	7439-92-1	
Manganese, Dissolved	0.11	mg/L	0.0040	0.0012	1	12/11/20 05:36	12/12/20 06:12	7439-96-5	
Nickel, Dissolved	0.0011	mg/L	0.0010	0.00028	1	12/11/20 05:36	12/12/20 06:12	7440-02-0	
8260 MSV									
Analytical Method: EPA 8260 Pace Analytical Services - Green Bay									
Benzene	0.42J	ug/L	1.0	0.25	1		12/14/20 12:16	71-43-2	
Bromobenzene	<0.24	ug/L	1.0	0.24	1		12/14/20 12:16	108-86-1	
Bromochloromethane	<0.36	ug/L	5.0	0.36	1		12/14/20 12:16	74-97-5	
Bromodichloromethane	<0.36	ug/L	1.2	0.36	1		12/14/20 12:16	75-27-4	
Bromoform	<4.0	ug/L	13.2	4.0	1		12/14/20 12:16	75-25-2	
Bromomethane	<0.97	ug/L	5.0	0.97	1		12/14/20 12:16	74-83-9	
n-Butylbenzene	<0.71	ug/L	2.4	0.71	1		12/14/20 12:16	104-51-8	
sec-Butylbenzene	<0.85	ug/L	5.0	0.85	1		12/14/20 12:16	135-98-8	
tert-Butylbenzene	<0.30	ug/L	1.0	0.30	1		12/14/20 12:16	98-06-6	
Carbon tetrachloride	<1.1	ug/L	3.6	1.1	1		12/14/20 12:16	56-23-5	
Chlorobenzene	<0.71	ug/L	2.4	0.71	1		12/14/20 12:16	108-90-7	
Chloroethane	19.1	ug/L	5.0	1.3	1		12/14/20 12:16	75-00-3	
Chloroform	<1.3	ug/L	5.0	1.3	1		12/14/20 12:16	67-66-3	
Chloromethane	<2.2	ug/L	7.3	2.2	1		12/14/20 12:16	74-87-3	
2-Chlorotoluene	<0.93	ug/L	5.0	0.93	1		12/14/20 12:16	95-49-8	
4-Chlorotoluene	<0.76	ug/L	2.5	0.76	1		12/14/20 12:16	106-43-4	
1,2-Dibromo-3-chloropropane	<1.8	ug/L	5.9	1.8	1		12/14/20 12:16	96-12-8	
Dibromochloromethane	<2.6	ug/L	8.7	2.6	1		12/14/20 12:16	124-48-1	
1,2-Dibromoethane (EDB)	<0.83	ug/L	2.8	0.83	1		12/14/20 12:16	106-93-4	
Dibromomethane	<0.94	ug/L	3.1	0.94	1		12/14/20 12:16	74-95-3	
1,2-Dichlorobenzene	<0.71	ug/L	2.4	0.71	1		12/14/20 12:16	95-50-1	
1,3-Dichlorobenzene	<0.63	ug/L	2.1	0.63	1		12/14/20 12:16	541-73-1	
1,4-Dichlorobenzene	<0.94	ug/L	3.1	0.94	1		12/14/20 12:16	106-46-7	
Dichlorodifluoromethane	<0.50	ug/L	5.0	0.50	1		12/14/20 12:16	75-71-8	
1,1-Dichloroethane	47.9	ug/L	1.0	0.27	1		12/14/20 12:16	75-34-3	

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ANALYTICAL RESULTS

Project: 60646104 KEP
Pace Project No.: 40219623

Sample: MW-2302 **Lab ID: 40219623009** Collected: 12/07/20 13:20 Received: 12/10/20 10:10 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-Dichloroethane	<0.28	ug/L	1.0	0.28	1		12/14/20 12:16	107-06-2	
1,1-Dichloroethene	<0.24	ug/L	1.0	0.24	1		12/14/20 12:16	75-35-4	
cis-1,2-Dichloroethene	17.2	ug/L	1.0	0.27	1		12/14/20 12:16	156-59-2	
trans-1,2-Dichloroethene	0.70J	ug/L	1.5	0.46	1		12/14/20 12:16	156-60-5	
1,2-Dichloropropane	<0.28	ug/L	1.0	0.28	1		12/14/20 12:16	78-87-5	
1,3-Dichloropropane	<0.83	ug/L	2.8	0.83	1		12/14/20 12:16	142-28-9	
2,2-Dichloropropane	<2.3	ug/L	7.6	2.3	1		12/14/20 12:16	594-20-7	
1,1-Dichloropropene	<0.54	ug/L	1.8	0.54	1		12/14/20 12:16	563-58-6	
cis-1,3-Dichloropropene	<3.6	ug/L	12.1	3.6	1		12/14/20 12:16	10061-01-5	
trans-1,3-Dichloropropene	<4.4	ug/L	14.6	4.4	1		12/14/20 12:16	10061-02-6	
Diisopropyl ether	<1.9	ug/L	6.3	1.9	1		12/14/20 12:16	108-20-3	
Ethylbenzene	<0.32	ug/L	1.1	0.32	1		12/14/20 12:16	100-41-4	
Hexachloro-1,3-butadiene	<1.5	ug/L	4.9	1.5	1		12/14/20 12:16	87-68-3	
Isopropylbenzene (Cumene)	<1.7	ug/L	5.6	1.7	1		12/14/20 12:16	98-82-8	
p-Isopropyltoluene	<0.80	ug/L	2.7	0.80	1		12/14/20 12:16	99-87-6	
Methylene Chloride	25.3	ug/L	5.0	0.58	1		12/14/20 12:16	75-09-2	
Methyl-tert-butyl ether	<1.2	ug/L	4.2	1.2	1		12/14/20 12:16	1634-04-4	
Naphthalene	<1.2	ug/L	5.0	1.2	1		12/14/20 12:16	91-20-3	
n-Propylbenzene	<0.81	ug/L	5.0	0.81	1		12/14/20 12:16	103-65-1	
Styrene	<3.0	ug/L	10.0	3.0	1		12/14/20 12:16	100-42-5	
1,1,1,2-Tetrachloroethane	<0.27	ug/L	1.0	0.27	1		12/14/20 12:16	630-20-6	
1,1,2,2-Tetrachloroethane	<0.28	ug/L	1.0	0.28	1		12/14/20 12:16	79-34-5	
Tetrachloroethene	<0.33	ug/L	1.1	0.33	1		12/14/20 12:16	127-18-4	
Toluene	<0.27	ug/L	1.0	0.27	1		12/14/20 12:16	108-88-3	
1,2,3-Trichlorobenzene	<2.2	ug/L	7.4	2.2	1		12/14/20 12:16	87-61-6	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		12/14/20 12:16	120-82-1	
1,1,1-Trichloroethane	0.43J	ug/L	1.0	0.24	1		12/14/20 12:16	71-55-6	
1,1,2-Trichloroethane	<0.55	ug/L	5.0	0.55	1		12/14/20 12:16	79-00-5	
Trichloroethene	0.38J	ug/L	1.0	0.26	1		12/14/20 12:16	79-01-6	
Trichlorofluoromethane	<0.21	ug/L	1.0	0.21	1		12/14/20 12:16	75-69-4	
1,2,3-Trichloropropane	<0.59	ug/L	5.0	0.59	1		12/14/20 12:16	96-18-4	
1,2,4-Trimethylbenzene	<0.84	ug/L	2.8	0.84	1		12/14/20 12:16	95-63-6	
1,3,5-Trimethylbenzene	<0.87	ug/L	2.9	0.87	1		12/14/20 12:16	108-67-8	
Vinyl chloride	4.9	ug/L	1.0	0.17	1		12/14/20 12:16	75-01-4	
Xylene (Total)	<1.5	ug/L	3.0	1.5	1		12/14/20 12:16	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	96	%	70-130		1		12/14/20 12:16	460-00-4	
Dibromofluoromethane (S)	98	%	70-130		1		12/14/20 12:16	1868-53-7	
Toluene-d8 (S)	101	%	70-130		1		12/14/20 12:16	2037-26-5	
4500S2F Sulfide, Iodometric									
Analytical Method: SM 4500-S F (2000)									
Pace Analytical Services - Green Bay									
Sulfide	<1.2	mg/L	4.0	1.2	1		12/10/20 15:54		1q

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ANALYTICAL RESULTS

Project: 60646104 KEP

Pace Project No.: 40219623

Sample: MW-2302 **Lab ID: 40219623009** Collected: 12/07/20 13:20 Received: 12/10/20 10:10 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
300.0 IC Anions									
Analytical Method: EPA 300.0 Pace Analytical Services - Green Bay									
Chloride	28.1	mg/L	2.0	0.43	1		12/14/20 23:30	16887-00-6	
Sulfate	60.1	mg/L	10.0	2.2	5		12/15/20 20:42	14808-79-8	
310.2 Alkalinity									
Analytical Method: EPA 310.2 Pace Analytical Services - Green Bay									
Alkalinity, Total as CaCO ₃	733	mg/L	124	37.2	5		12/16/20 13:29		
410.4 COD									
Analytical Method: EPA 410.4 Preparation Method: EPA 410.4 Pace Analytical Services - Green Bay									
Chemical Oxygen Demand	107	mg/L	50.0	14.7	1	12/16/20 17:17	12/16/20 21:40		
5310C TOC									
Analytical Method: SM 5310C Pace Analytical Services - Green Bay									
Total Organic Carbon	22.9	mg/L	3.0	0.83	6		12/14/20 21:34	7440-44-0	

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ANALYTICAL RESULTS

Project: 60646104 KEP
Pace Project No.: 40219623

Sample: PZ-2301 **Lab ID: 40219623010** Collected: 12/07/20 14:35 Received: 12/10/20 10:10 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	<1.2	ug/L	5.6	1.2	1		12/15/20 10:54	74-84-0	
Ethene	5.3	ug/L	5.0	1.2	1		12/15/20 10:54	74-85-1	
Methane	32.3	ug/L	2.8	0.66	1		12/15/20 10:54	74-82-8	
6020 MET ICPMS									
Analytical Method: EPA 6020 Preparation Method: EPA 3010 Pace Analytical Services - Green Bay									
Iron	2.2	mg/L	0.25	0.058	1	12/11/20 05:34	12/15/20 02:34	7439-89-6	
Manganese	0.18	mg/L	0.0040	0.0012	1	12/11/20 05:34	12/15/20 02:34	7439-96-5	
6020 MET ICPMS, Dissolved									
Analytical Method: EPA 6020 Preparation Method: EPA 3010 Pace Analytical Services - Green Bay									
Barium, Dissolved	0.093	mg/L	0.0023	0.00070	1	12/11/20 05:36	12/12/20 06:19	7440-39-3	
Chromium, Dissolved	0.0013J	mg/L	0.0034	0.0010	1	12/11/20 05:36	12/12/20 06:19	7440-47-3	
Iron, Dissolved	<0.058	mg/L	0.25	0.058	1	12/16/20 05:28	12/17/20 04:20	7439-89-6	
Lead, Dissolved	<0.00024	mg/L	0.0010	0.00024	1	12/11/20 05:36	12/12/20 06:19	7439-92-1	
Manganese, Dissolved	0.18	mg/L	0.0040	0.0012	1	12/11/20 05:36	12/12/20 06:19	7439-96-5	
Nickel, Dissolved	0.0032	mg/L	0.0010	0.00028	1	12/11/20 05:36	12/12/20 06:19	7440-02-0	
8260 MSV									
Analytical Method: EPA 8260 Pace Analytical Services - Green Bay									
Benzene	2.4	ug/L	1.0	0.25	1		12/14/20 12:37	71-43-2	
Bromobenzene	<0.24	ug/L	1.0	0.24	1		12/14/20 12:37	108-86-1	
Bromochloromethane	<0.36	ug/L	5.0	0.36	1		12/14/20 12:37	74-97-5	
Bromodichloromethane	<0.36	ug/L	1.2	0.36	1		12/14/20 12:37	75-27-4	
Bromoform	<4.0	ug/L	13.2	4.0	1		12/14/20 12:37	75-25-2	
Bromomethane	<0.97	ug/L	5.0	0.97	1		12/14/20 12:37	74-83-9	
n-Butylbenzene	<0.71	ug/L	2.4	0.71	1		12/14/20 12:37	104-51-8	
sec-Butylbenzene	<0.85	ug/L	5.0	0.85	1		12/14/20 12:37	135-98-8	
tert-Butylbenzene	<0.30	ug/L	1.0	0.30	1		12/14/20 12:37	98-06-6	
Carbon tetrachloride	<1.1	ug/L	3.6	1.1	1		12/14/20 12:37	56-23-5	
Chlorobenzene	<0.71	ug/L	2.4	0.71	1		12/14/20 12:37	108-90-7	
Chloroethane	<1.3	ug/L	5.0	1.3	1		12/14/20 12:37	75-00-3	
Chloroform	<1.3	ug/L	5.0	1.3	1		12/14/20 12:37	67-66-3	
Chloromethane	<2.2	ug/L	7.3	2.2	1		12/14/20 12:37	74-87-3	
2-Chlorotoluene	<0.93	ug/L	5.0	0.93	1		12/14/20 12:37	95-49-8	
4-Chlorotoluene	<0.76	ug/L	2.5	0.76	1		12/14/20 12:37	106-43-4	
1,2-Dibromo-3-chloropropane	<1.8	ug/L	5.9	1.8	1		12/14/20 12:37	96-12-8	
Dibromochloromethane	<2.6	ug/L	8.7	2.6	1		12/14/20 12:37	124-48-1	
1,2-Dibromoethane (EDB)	<0.83	ug/L	2.8	0.83	1		12/14/20 12:37	106-93-4	
Dibromomethane	<0.94	ug/L	3.1	0.94	1		12/14/20 12:37	74-95-3	
1,2-Dichlorobenzene	<0.71	ug/L	2.4	0.71	1		12/14/20 12:37	95-50-1	
1,3-Dichlorobenzene	<0.63	ug/L	2.1	0.63	1		12/14/20 12:37	541-73-1	
1,4-Dichlorobenzene	<0.94	ug/L	3.1	0.94	1		12/14/20 12:37	106-46-7	
Dichlorodifluoromethane	<0.50	ug/L	5.0	0.50	1		12/14/20 12:37	75-71-8	
1,1-Dichloroethane	<0.27	ug/L	1.0	0.27	1		12/14/20 12:37	75-34-3	

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ANALYTICAL RESULTS

Project: 60646104 KEP

Pace Project No.: 40219623

Sample: PZ-2301 **Lab ID: 40219623010** Collected: 12/07/20 14:35 Received: 12/10/20 10:10 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-Dichloroethane	<0.28	ug/L	1.0	0.28	1		12/14/20 12:37	107-06-2	
1,1-Dichloroethene	<0.24	ug/L	1.0	0.24	1		12/14/20 12:37	75-35-4	
cis-1,2-Dichloroethene	0.51J	ug/L	1.0	0.27	1		12/14/20 12:37	156-59-2	
trans-1,2-Dichloroethene	<0.46	ug/L	1.5	0.46	1		12/14/20 12:37	156-60-5	
1,2-Dichloropropane	<0.28	ug/L	1.0	0.28	1		12/14/20 12:37	78-87-5	
1,3-Dichloropropane	<0.83	ug/L	2.8	0.83	1		12/14/20 12:37	142-28-9	
2,2-Dichloropropane	<2.3	ug/L	7.6	2.3	1		12/14/20 12:37	594-20-7	
1,1-Dichloropropene	<0.54	ug/L	1.8	0.54	1		12/14/20 12:37	563-58-6	
cis-1,3-Dichloropropene	<3.6	ug/L	12.1	3.6	1		12/14/20 12:37	10061-01-5	
trans-1,3-Dichloropropene	<4.4	ug/L	14.6	4.4	1		12/14/20 12:37	10061-02-6	
Diisopropyl ether	<1.9	ug/L	6.3	1.9	1		12/14/20 12:37	108-20-3	
Ethylbenzene	<0.32	ug/L	1.1	0.32	1		12/14/20 12:37	100-41-4	
Hexachloro-1,3-butadiene	<1.5	ug/L	4.9	1.5	1		12/14/20 12:37	87-68-3	
Isopropylbenzene (Cumene)	<1.7	ug/L	5.6	1.7	1		12/14/20 12:37	98-82-8	
p-Isopropyltoluene	<0.80	ug/L	2.7	0.80	1		12/14/20 12:37	99-87-6	
Methylene Chloride	<0.58	ug/L	5.0	0.58	1		12/14/20 12:37	75-09-2	
Methyl-tert-butyl ether	<1.2	ug/L	4.2	1.2	1		12/14/20 12:37	1634-04-4	
Naphthalene	<1.2	ug/L	5.0	1.2	1		12/14/20 12:37	91-20-3	
n-Propylbenzene	<0.81	ug/L	5.0	0.81	1		12/14/20 12:37	103-65-1	
Styrene	<3.0	ug/L	10.0	3.0	1		12/14/20 12:37	100-42-5	
1,1,1,2-Tetrachloroethane	<0.27	ug/L	1.0	0.27	1		12/14/20 12:37	630-20-6	
1,1,2,2-Tetrachloroethane	<0.28	ug/L	1.0	0.28	1		12/14/20 12:37	79-34-5	
Tetrachloroethene	<0.33	ug/L	1.1	0.33	1		12/14/20 12:37	127-18-4	
Toluene	1.2	ug/L	1.0	0.27	1		12/14/20 12:37	108-88-3	
1,2,3-Trichlorobenzene	<2.2	ug/L	7.4	2.2	1		12/14/20 12:37	87-61-6	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		12/14/20 12:37	120-82-1	
1,1,1-Trichloroethane	<0.24	ug/L	1.0	0.24	1		12/14/20 12:37	71-55-6	
1,1,2-Trichloroethane	<0.55	ug/L	5.0	0.55	1		12/14/20 12:37	79-00-5	
Trichloroethene	<0.26	ug/L	1.0	0.26	1		12/14/20 12:37	79-01-6	
Trichlorofluoromethane	<0.21	ug/L	1.0	0.21	1		12/14/20 12:37	75-69-4	
1,2,3-Trichloropropane	<0.59	ug/L	5.0	0.59	1		12/14/20 12:37	96-18-4	
1,2,4-Trimethylbenzene	<0.84	ug/L	2.8	0.84	1		12/14/20 12:37	95-63-6	
1,3,5-Trimethylbenzene	<0.87	ug/L	2.9	0.87	1		12/14/20 12:37	108-67-8	
Vinyl chloride	0.80J	ug/L	1.0	0.17	1		12/14/20 12:37	75-01-4	
Xylene (Total)	<1.5	ug/L	3.0	1.5	1		12/14/20 12:37	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	92	%	70-130		1		12/14/20 12:37	460-00-4	
Dibromofluoromethane (S)	99	%	70-130		1		12/14/20 12:37	1868-53-7	
Toluene-d8 (S)	98	%	70-130		1		12/14/20 12:37	2037-26-5	
4500S2F Sulfide, Iodometric									
Analytical Method: SM 4500-S F (2000)									
Pace Analytical Services - Green Bay									
Sulfide	<1.2	mg/L	4.0	1.2	1		12/10/20 15:57		1q

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ANALYTICAL RESULTS

Project: 60646104 KEP
Pace Project No.: 40219623

Sample: PZ-2301 **Lab ID: 40219623010** Collected: 12/07/20 14:35 Received: 12/10/20 10:10 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
300.0 IC Anions									
Analytical Method: EPA 300.0 Pace Analytical Services - Green Bay									
Chloride	64.0	mg/L	10.0	2.2	5		12/15/20 20:57	16887-00-6	
Sulfate	130	mg/L	10.0	2.2	5		12/15/20 20:57	14808-79-8	
310.2 Alkalinity									
Analytical Method: EPA 310.2 Pace Analytical Services - Green Bay									
Alkalinity, Total as CaCO ₃	338	mg/L	24.8	7.4	1		12/16/20 12:15		
410.4 COD									
Analytical Method: EPA 410.4 Preparation Method: EPA 410.4 Pace Analytical Services - Green Bay									
Chemical Oxygen Demand	17.0J	mg/L	50.0	14.7	1	12/16/20 17:17	12/16/20 21:40		
5310C TOC									
Analytical Method: SM 5310C Pace Analytical Services - Green Bay									
Total Organic Carbon	3.9	mg/L	1.5	0.42	3		12/14/20 21:48	7440-44-0	

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ANALYTICAL RESULTS

Project: 60646104 KEP
Pace Project No.: 40219623

Sample: MW-2301 **Lab ID: 40219623011** Collected: 12/07/20 15:40 Received: 12/10/20 10:10 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	<1.2	ug/L	5.6	1.2	1		12/15/20 11:31	74-84-0	
Ethene	<1.2	ug/L	5.0	1.2	1		12/15/20 11:31	74-85-1	
Methane	1.8J	ug/L	2.8	0.66	1		12/15/20 11:31	74-82-8	B
6020 MET ICPMS									
Analytical Method: EPA 6020 Preparation Method: EPA 3010 Pace Analytical Services - Green Bay									
Iron	0.89	mg/L	0.25	0.058	1	12/11/20 05:34	12/15/20 02:54	7439-89-6	
Manganese	0.17	mg/L	0.0040	0.0012	1	12/11/20 05:34	12/15/20 02:54	7439-96-5	
6020 MET ICPMS, Dissolved									
Analytical Method: EPA 6020 Preparation Method: EPA 3010 Pace Analytical Services - Green Bay									
Barium, Dissolved	0.072	mg/L	0.0023	0.00070	1	12/11/20 05:36	12/12/20 06:26	7440-39-3	
Chromium, Dissolved	0.0028J	mg/L	0.0034	0.0010	1	12/11/20 05:36	12/12/20 06:26	7440-47-3	
Iron, Dissolved	0.94	mg/L	0.25	0.058	1	12/16/20 05:28	12/17/20 04:40	7439-89-6	D9
Lead, Dissolved	<0.00024	mg/L	0.0010	0.00024	1	12/11/20 05:36	12/12/20 06:26	7439-92-1	
Manganese, Dissolved	0.19	mg/L	0.0040	0.0012	1	12/11/20 05:36	12/12/20 06:26	7439-96-5	D9
Nickel, Dissolved	0.0014	mg/L	0.0010	0.00028	1	12/11/20 05:36	12/12/20 06:26	7440-02-0	
8260 MSV									
Analytical Method: EPA 8260 Pace Analytical Services - Green Bay									
Benzene	<0.25	ug/L	1.0	0.25	1		12/14/20 12:59	71-43-2	
Bromobenzene	<0.24	ug/L	1.0	0.24	1		12/14/20 12:59	108-86-1	
Bromochloromethane	<0.36	ug/L	5.0	0.36	1		12/14/20 12:59	74-97-5	
Bromodichloromethane	<0.36	ug/L	1.2	0.36	1		12/14/20 12:59	75-27-4	
Bromoform	<4.0	ug/L	13.2	4.0	1		12/14/20 12:59	75-25-2	
Bromomethane	<0.97	ug/L	5.0	0.97	1		12/14/20 12:59	74-83-9	
n-Butylbenzene	<0.71	ug/L	2.4	0.71	1		12/14/20 12:59	104-51-8	
sec-Butylbenzene	<0.85	ug/L	5.0	0.85	1		12/14/20 12:59	135-98-8	
tert-Butylbenzene	<0.30	ug/L	1.0	0.30	1		12/14/20 12:59	98-06-6	
Carbon tetrachloride	<1.1	ug/L	3.6	1.1	1		12/14/20 12:59	56-23-5	
Chlorobenzene	<0.71	ug/L	2.4	0.71	1		12/14/20 12:59	108-90-7	
Chloroethane	<1.3	ug/L	5.0	1.3	1		12/14/20 12:59	75-00-3	
Chloroform	<1.3	ug/L	5.0	1.3	1		12/14/20 12:59	67-66-3	
Chloromethane	<2.2	ug/L	7.3	2.2	1		12/14/20 12:59	74-87-3	
2-Chlorotoluene	<0.93	ug/L	5.0	0.93	1		12/14/20 12:59	95-49-8	
4-Chlorotoluene	<0.76	ug/L	2.5	0.76	1		12/14/20 12:59	106-43-4	
1,2-Dibromo-3-chloropropane	<1.8	ug/L	5.9	1.8	1		12/14/20 12:59	96-12-8	
Dibromochloromethane	<2.6	ug/L	8.7	2.6	1		12/14/20 12:59	124-48-1	
1,2-Dibromoethane (EDB)	<0.83	ug/L	2.8	0.83	1		12/14/20 12:59	106-93-4	
Dibromomethane	<0.94	ug/L	3.1	0.94	1		12/14/20 12:59	74-95-3	
1,2-Dichlorobenzene	<0.71	ug/L	2.4	0.71	1		12/14/20 12:59	95-50-1	
1,3-Dichlorobenzene	<0.63	ug/L	2.1	0.63	1		12/14/20 12:59	541-73-1	
1,4-Dichlorobenzene	<0.94	ug/L	3.1	0.94	1		12/14/20 12:59	106-46-7	
Dichlorodifluoromethane	<0.50	ug/L	5.0	0.50	1		12/14/20 12:59	75-71-8	
1,1-Dichloroethane	<0.27	ug/L	1.0	0.27	1		12/14/20 12:59	75-34-3	

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ANALYTICAL RESULTS

Project: 60646104 KEP
Pace Project No.: 40219623

Sample: MW-2301 **Lab ID: 40219623011** Collected: 12/07/20 15:40 Received: 12/10/20 10:10 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-Dichloroethane	<0.28	ug/L	1.0	0.28	1		12/14/20 12:59	107-06-2	
1,1-Dichloroethene	11.0	ug/L	1.0	0.24	1		12/14/20 12:59	75-35-4	
cis-1,2-Dichloroethene	1270	ug/L	20.0	5.4	20		12/14/20 17:49	156-59-2	
trans-1,2-Dichloroethene	316	ug/L	30.9	9.3	20		12/14/20 17:49	156-60-5	
1,2-Dichloropropane	<0.28	ug/L	1.0	0.28	1		12/14/20 12:59	78-87-5	
1,3-Dichloropropane	<0.83	ug/L	2.8	0.83	1		12/14/20 12:59	142-28-9	
2,2-Dichloropropane	<2.3	ug/L	7.6	2.3	1		12/14/20 12:59	594-20-7	
1,1-Dichloropropene	<0.54	ug/L	1.8	0.54	1		12/14/20 12:59	563-58-6	
cis-1,3-Dichloropropene	<3.6	ug/L	12.1	3.6	1		12/14/20 12:59	10061-01-5	
trans-1,3-Dichloropropene	<4.4	ug/L	14.6	4.4	1		12/14/20 12:59	10061-02-6	
Diisopropyl ether	<1.9	ug/L	6.3	1.9	1		12/14/20 12:59	108-20-3	
Ethylbenzene	<0.32	ug/L	1.1	0.32	1		12/14/20 12:59	100-41-4	
Hexachloro-1,3-butadiene	<1.5	ug/L	4.9	1.5	1		12/14/20 12:59	87-68-3	
Isopropylbenzene (Cumene)	<1.7	ug/L	5.6	1.7	1		12/14/20 12:59	98-82-8	
p-Isopropyltoluene	<0.80	ug/L	2.7	0.80	1		12/14/20 12:59	99-87-6	
Methylene Chloride	<0.58	ug/L	5.0	0.58	1		12/14/20 12:59	75-09-2	
Methyl-tert-butyl ether	<1.2	ug/L	4.2	1.2	1		12/14/20 12:59	1634-04-4	
Naphthalene	<1.2	ug/L	5.0	1.2	1		12/14/20 12:59	91-20-3	
n-Propylbenzene	<0.81	ug/L	5.0	0.81	1		12/14/20 12:59	103-65-1	
Styrene	<3.0	ug/L	10.0	3.0	1		12/14/20 12:59	100-42-5	
1,1,1,2-Tetrachloroethane	<0.27	ug/L	1.0	0.27	1		12/14/20 12:59	630-20-6	
1,1,2,2-Tetrachloroethane	<0.28	ug/L	1.0	0.28	1		12/14/20 12:59	79-34-5	
Tetrachloroethene	<0.33	ug/L	1.1	0.33	1		12/14/20 12:59	127-18-4	
Toluene	<0.27	ug/L	1.0	0.27	1		12/14/20 12:59	108-88-3	
1,2,3-Trichlorobenzene	<2.2	ug/L	7.4	2.2	1		12/14/20 12:59	87-61-6	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		12/14/20 12:59	120-82-1	
1,1,1-Trichloroethane	<0.24	ug/L	1.0	0.24	1		12/14/20 12:59	71-55-6	
1,1,2-Trichloroethane	<0.55	ug/L	5.0	0.55	1		12/14/20 12:59	79-00-5	
Trichloroethene	285	ug/L	20.0	5.1	20		12/14/20 17:49	79-01-6	
Trichlorofluoromethane	<0.21	ug/L	1.0	0.21	1		12/14/20 12:59	75-69-4	
1,2,3-Trichloropropane	<0.59	ug/L	5.0	0.59	1		12/14/20 12:59	96-18-4	
1,2,4-Trimethylbenzene	<0.84	ug/L	2.8	0.84	1		12/14/20 12:59	95-63-6	
1,3,5-Trimethylbenzene	<0.87	ug/L	2.9	0.87	1		12/14/20 12:59	108-67-8	
Vinyl chloride	2.2	ug/L	1.0	0.17	1		12/14/20 12:59	75-01-4	
Xylene (Total)	<1.5	ug/L	3.0	1.5	1		12/14/20 12:59	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	91	%	70-130		1		12/14/20 12:59	460-00-4	
Dibromofluoromethane (S)	98	%	70-130		1		12/14/20 12:59	1868-53-7	
Toluene-d8 (S)	98	%	70-130		1		12/14/20 12:59	2037-26-5	
4500S2F Sulfide, Iodometric									
Analytical Method: SM 4500-S F (2000)									
Pace Analytical Services - Green Bay									
Sulfide	<1.2	mg/L	4.0	1.2	1		12/10/20 15:58		1q

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ANALYTICAL RESULTS

Project: 60646104 KEP
Pace Project No.: 40219623

Sample: MW-2301 **Lab ID: 40219623011** Collected: 12/07/20 15:40 Received: 12/10/20 10:10 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
300.0 IC Anions									
Analytical Method: EPA 300.0 Pace Analytical Services - Green Bay									
Chloride	10.4	mg/L	2.0	0.43	1		12/14/20 23:59	16887-00-6	
Sulfate	94.7	mg/L	10.0	2.2	5		12/15/20 21:11	14808-79-8	
310.2 Alkalinity									
Analytical Method: EPA 310.2 Pace Analytical Services - Green Bay									
Alkalinity, Total as CaCO ₃	369	mg/L	24.8	7.4	1		12/16/20 12:16		
410.4 COD									
Analytical Method: EPA 410.4 Preparation Method: EPA 410.4 Pace Analytical Services - Green Bay									
Chemical Oxygen Demand	<14.7	mg/L	50.0	14.7	1	12/16/20 17:17	12/16/20 21:40		
5310C TOC									
Analytical Method: SM 5310C Pace Analytical Services - Green Bay									
Total Organic Carbon	2.5	mg/L	0.50	0.14	1		12/14/20 22:22	7440-44-0	

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ANALYTICAL RESULTS

Project: 60646104 KEP
Pace Project No.: 40219623

Sample: MW-71R **Lab ID: 40219623012** Collected: 12/07/20 16:30 Received: 12/10/20 10:10 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	5.7	ug/L	5.6	1.2	1		12/15/20 11:38	74-84-0	
Ethene	<1.2	ug/L	5.0	1.2	1		12/15/20 11:38	74-85-1	
Methane	1.6J	ug/L	2.8	0.66	1		12/15/20 11:38	74-82-8	B
6020 MET ICPMS									
Analytical Method: EPA 6020 Preparation Method: EPA 3010 Pace Analytical Services - Green Bay									
Iron	0.47	mg/L	0.25	0.058	1	12/16/20 05:28	12/17/20 02:38	7439-89-6	
Manganese	0.65	mg/L	0.0040	0.0012	1	12/11/20 05:34	12/15/20 03:01	7439-96-5	
6020 MET ICPMS, Dissolved									
Analytical Method: EPA 6020 Preparation Method: EPA 3010 Pace Analytical Services - Green Bay									
Barium, Dissolved	0.12	mg/L	0.0023	0.00070	1	12/11/20 05:36	12/12/20 06:33	7440-39-3	
Chromium, Dissolved	<0.0010	mg/L	0.0034	0.0010	1	12/11/20 05:36	12/12/20 06:33	7440-47-3	
Iron, Dissolved	0.31	mg/L	0.25	0.058	1	12/11/20 05:36	12/12/20 06:33	7439-89-6	B
Lead, Dissolved	0.00029J	mg/L	0.0010	0.00024	1	12/11/20 05:36	12/12/20 06:33	7439-92-1	
Manganese, Dissolved	0.55	mg/L	0.0040	0.0012	1	12/11/20 05:36	12/12/20 06:33	7439-96-5	
Nickel, Dissolved	0.0041	mg/L	0.0010	0.00028	1	12/11/20 05:36	12/12/20 06:33	7440-02-0	
8260 MSV									
Analytical Method: EPA 8260 Pace Analytical Services - Green Bay									
Benzene	<0.25	ug/L	1.0	0.25	1		12/14/20 16:45	71-43-2	
Bromobenzene	<0.24	ug/L	1.0	0.24	1		12/14/20 16:45	108-86-1	
Bromochloromethane	<0.36	ug/L	5.0	0.36	1		12/14/20 16:45	74-97-5	
Bromodichloromethane	<0.36	ug/L	1.2	0.36	1		12/14/20 16:45	75-27-4	
Bromoform	<4.0	ug/L	13.2	4.0	1		12/14/20 16:45	75-25-2	
Bromomethane	<0.97	ug/L	5.0	0.97	1		12/14/20 16:45	74-83-9	
n-Butylbenzene	<0.71	ug/L	2.4	0.71	1		12/14/20 16:45	104-51-8	
sec-Butylbenzene	<0.85	ug/L	5.0	0.85	1		12/14/20 16:45	135-98-8	
tert-Butylbenzene	<0.30	ug/L	1.0	0.30	1		12/14/20 16:45	98-06-6	
Carbon tetrachloride	<1.1	ug/L	3.6	1.1	1		12/14/20 16:45	56-23-5	
Chlorobenzene	<0.71	ug/L	2.4	0.71	1		12/14/20 16:45	108-90-7	
Chloroethane	<1.3	ug/L	5.0	1.3	1		12/14/20 16:45	75-00-3	
Chloroform	<1.3	ug/L	5.0	1.3	1		12/14/20 16:45	67-66-3	
Chloromethane	<2.2	ug/L	7.3	2.2	1		12/14/20 16:45	74-87-3	
2-Chlorotoluene	<0.93	ug/L	5.0	0.93	1		12/14/20 16:45	95-49-8	
4-Chlorotoluene	<0.76	ug/L	2.5	0.76	1		12/14/20 16:45	106-43-4	
1,2-Dibromo-3-chloropropane	<1.8	ug/L	5.9	1.8	1		12/14/20 16:45	96-12-8	
Dibromochloromethane	<2.6	ug/L	8.7	2.6	1		12/14/20 16:45	124-48-1	
1,2-Dibromoethane (EDB)	<0.83	ug/L	2.8	0.83	1		12/14/20 16:45	106-93-4	
Dibromomethane	<0.94	ug/L	3.1	0.94	1		12/14/20 16:45	74-95-3	
1,2-Dichlorobenzene	<0.71	ug/L	2.4	0.71	1		12/14/20 16:45	95-50-1	
1,3-Dichlorobenzene	<0.63	ug/L	2.1	0.63	1		12/14/20 16:45	541-73-1	
1,4-Dichlorobenzene	<0.94	ug/L	3.1	0.94	1		12/14/20 16:45	106-46-7	
Dichlorodifluoromethane	<0.50	ug/L	5.0	0.50	1		12/14/20 16:45	75-71-8	
1,1-Dichloroethane	<0.27	ug/L	1.0	0.27	1		12/14/20 16:45	75-34-3	

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ANALYTICAL RESULTS

Project: 60646104 KEP
Pace Project No.: 40219623

Sample: MW-71R **Lab ID: 40219623012** Collected: 12/07/20 16:30 Received: 12/10/20 10:10 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-Dichloroethane	<0.28	ug/L	1.0	0.28	1		12/14/20 16:45	107-06-2	
1,1-Dichloroethane	<0.24	ug/L	1.0	0.24	1		12/14/20 16:45	75-35-4	
cis-1,2-Dichloroethene	<0.27	ug/L	1.0	0.27	1		12/14/20 16:45	156-59-2	
trans-1,2-Dichloroethene	<0.46	ug/L	1.5	0.46	1		12/14/20 16:45	156-60-5	
1,2-Dichloropropane	<0.28	ug/L	1.0	0.28	1		12/14/20 16:45	78-87-5	
1,3-Dichloropropane	<0.83	ug/L	2.8	0.83	1		12/14/20 16:45	142-28-9	
2,2-Dichloropropane	<2.3	ug/L	7.6	2.3	1		12/14/20 16:45	594-20-7	
1,1-Dichloropropene	<0.54	ug/L	1.8	0.54	1		12/14/20 16:45	563-58-6	
cis-1,3-Dichloropropene	<3.6	ug/L	12.1	3.6	1		12/14/20 16:45	10061-01-5	
trans-1,3-Dichloropropene	<4.4	ug/L	14.6	4.4	1		12/14/20 16:45	10061-02-6	
Diisopropyl ether	<1.9	ug/L	6.3	1.9	1		12/14/20 16:45	108-20-3	
Ethylbenzene	<0.32	ug/L	1.1	0.32	1		12/14/20 16:45	100-41-4	
Hexachloro-1,3-butadiene	<1.5	ug/L	4.9	1.5	1		12/14/20 16:45	87-68-3	
Isopropylbenzene (Cumene)	<1.7	ug/L	5.6	1.7	1		12/14/20 16:45	98-82-8	
p-Isopropyltoluene	<0.80	ug/L	2.7	0.80	1		12/14/20 16:45	99-87-6	
Methylene Chloride	<0.58	ug/L	5.0	0.58	1		12/14/20 16:45	75-09-2	
Methyl-tert-butyl ether	<1.2	ug/L	4.2	1.2	1		12/14/20 16:45	1634-04-4	
Naphthalene	<1.2	ug/L	5.0	1.2	1		12/14/20 16:45	91-20-3	
n-Propylbenzene	<0.81	ug/L	5.0	0.81	1		12/14/20 16:45	103-65-1	
Styrene	<3.0	ug/L	10.0	3.0	1		12/14/20 16:45	100-42-5	
1,1,1,2-Tetrachloroethane	<0.27	ug/L	1.0	0.27	1		12/14/20 16:45	630-20-6	
1,1,2,2-Tetrachloroethane	<0.28	ug/L	1.0	0.28	1		12/14/20 16:45	79-34-5	
Tetrachloroethene	<0.33	ug/L	1.1	0.33	1		12/14/20 16:45	127-18-4	
Toluene	<0.27	ug/L	1.0	0.27	1		12/14/20 16:45	108-88-3	
1,2,3-Trichlorobenzene	<2.2	ug/L	7.4	2.2	1		12/14/20 16:45	87-61-6	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		12/14/20 16:45	120-82-1	
1,1,1-Trichloroethane	<0.24	ug/L	1.0	0.24	1		12/14/20 16:45	71-55-6	
1,1,2-Trichloroethane	<0.55	ug/L	5.0	0.55	1		12/14/20 16:45	79-00-5	
Trichloroethene	<0.26	ug/L	1.0	0.26	1		12/14/20 16:45	79-01-6	
Trichlorofluoromethane	<0.21	ug/L	1.0	0.21	1		12/14/20 16:45	75-69-4	
1,2,3-Trichloropropane	<0.59	ug/L	5.0	0.59	1		12/14/20 16:45	96-18-4	
1,2,4-Trimethylbenzene	<0.84	ug/L	2.8	0.84	1		12/14/20 16:45	95-63-6	
1,3,5-Trimethylbenzene	<0.87	ug/L	2.9	0.87	1		12/14/20 16:45	108-67-8	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		12/14/20 16:45	75-01-4	
Xylene (Total)	<1.5	ug/L	3.0	1.5	1		12/14/20 16:45	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	91	%	70-130		1		12/14/20 16:45	460-00-4	
Dibromofluoromethane (S)	95	%	70-130		1		12/14/20 16:45	1868-53-7	
Toluene-d8 (S)	96	%	70-130		1		12/14/20 16:45	2037-26-5	
4500S2F Sulfide, Iodometric									
Analytical Method: SM 4500-S F (2000)									
Pace Analytical Services - Green Bay									
Sulfide	<1.2	mg/L	4.0	1.2	1		12/10/20 16:01		1q

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ANALYTICAL RESULTS

Project: 60646104 KEP
Pace Project No.: 40219623

Sample: MW-71R **Lab ID: 40219623012** Collected: 12/07/20 16:30 Received: 12/10/20 10:10 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
300.0 IC Anions									
Analytical Method: EPA 300.0 Pace Analytical Services - Green Bay									
Chloride	310	mg/L	20.0	4.3	10		12/15/20 21:26	16887-00-6	
Sulfate	199	mg/L	20.0	4.4	10		12/15/20 21:26	14808-79-8	
310.2 Alkalinity									
Analytical Method: EPA 310.2 Pace Analytical Services - Green Bay									
Alkalinity, Total as CaCO ₃	472	mg/L	24.8	7.4	1		12/16/20 12:18		
410.4 COD									
Analytical Method: EPA 410.4 Preparation Method: EPA 410.4 Pace Analytical Services - Green Bay									
Chemical Oxygen Demand	19.3J	mg/L	50.0	14.7	1	12/16/20 17:17	12/16/20 21:40		
5310C TOC									
Analytical Method: SM 5310C Pace Analytical Services - Green Bay									
Total Organic Carbon	4.3	mg/L	1.5	0.42	3		12/14/20 22:37	7440-44-0	

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ANALYTICAL RESULTS

Project: 60646104 KEP
Pace Project No.: 40219623

Sample: PZ-2303 **Lab ID: 40219623013** Collected: 12/08/20 10:30 Received: 12/10/20 10:10 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	<1.2	ug/L	5.6	1.2	1		12/15/20 11:45	74-84-0	
Ethene	<1.2	ug/L	5.0	1.2	1		12/15/20 11:45	74-85-1	
Methane	5.0	ug/L	2.8	0.66	1		12/15/20 11:45	74-82-8	B
6020 MET ICPMS									
Analytical Method: EPA 6020 Preparation Method: EPA 3010 Pace Analytical Services - Green Bay									
Iron	1.6	mg/L	0.25	0.058	1	12/11/20 05:34	12/15/20 03:08	7439-89-6	
Manganese	0.35	mg/L	0.0040	0.0012	1	12/11/20 05:34	12/15/20 03:08	7439-96-5	
6020 MET ICPMS, Dissolved									
Analytical Method: EPA 6020 Preparation Method: EPA 3010 Pace Analytical Services - Green Bay									
Barium, Dissolved	0.18	mg/L	0.0023	0.00070	1	12/11/20 05:36	12/12/20 06:39	7440-39-3	
Chromium, Dissolved	<0.0010	mg/L	0.0034	0.0010	1	12/11/20 05:36	12/12/20 06:39	7440-47-3	
Iron, Dissolved	1.6	mg/L	0.25	0.058	1	12/11/20 05:36	12/12/20 06:39	7439-89-6	B
Lead, Dissolved	<0.00024	mg/L	0.0010	0.00024	1	12/11/20 05:36	12/12/20 06:39	7439-92-1	
Manganese, Dissolved	0.36	mg/L	0.0040	0.0012	1	12/11/20 05:36	12/12/20 06:39	7439-96-5	D9
Nickel, Dissolved	0.0012	mg/L	0.0010	0.00028	1	12/11/20 05:36	12/12/20 06:39	7440-02-0	
8260 MSV									
Analytical Method: EPA 8260 Pace Analytical Services - Green Bay									
Benzene	<0.25	ug/L	1.0	0.25	1		12/14/20 17:07	71-43-2	
Bromobenzene	<0.24	ug/L	1.0	0.24	1		12/14/20 17:07	108-86-1	
Bromochloromethane	<0.36	ug/L	5.0	0.36	1		12/14/20 17:07	74-97-5	
Bromodichloromethane	<0.36	ug/L	1.2	0.36	1		12/14/20 17:07	75-27-4	
Bromoform	<4.0	ug/L	13.2	4.0	1		12/14/20 17:07	75-25-2	
Bromomethane	<0.97	ug/L	5.0	0.97	1		12/14/20 17:07	74-83-9	
n-Butylbenzene	<0.71	ug/L	2.4	0.71	1		12/14/20 17:07	104-51-8	
sec-Butylbenzene	<0.85	ug/L	5.0	0.85	1		12/14/20 17:07	135-98-8	
tert-Butylbenzene	<0.30	ug/L	1.0	0.30	1		12/14/20 17:07	98-06-6	
Carbon tetrachloride	<1.1	ug/L	3.6	1.1	1		12/14/20 17:07	56-23-5	
Chlorobenzene	<0.71	ug/L	2.4	0.71	1		12/14/20 17:07	108-90-7	
Chloroethane	<1.3	ug/L	5.0	1.3	1		12/14/20 17:07	75-00-3	
Chloroform	<1.3	ug/L	5.0	1.3	1		12/14/20 17:07	67-66-3	
Chloromethane	<2.2	ug/L	7.3	2.2	1		12/14/20 17:07	74-87-3	
2-Chlorotoluene	<0.93	ug/L	5.0	0.93	1		12/14/20 17:07	95-49-8	
4-Chlorotoluene	<0.76	ug/L	2.5	0.76	1		12/14/20 17:07	106-43-4	
1,2-Dibromo-3-chloropropane	<1.8	ug/L	5.9	1.8	1		12/14/20 17:07	96-12-8	
Dibromochloromethane	<2.6	ug/L	8.7	2.6	1		12/14/20 17:07	124-48-1	
1,2-Dibromoethane (EDB)	<0.83	ug/L	2.8	0.83	1		12/14/20 17:07	106-93-4	
Dibromomethane	<0.94	ug/L	3.1	0.94	1		12/14/20 17:07	74-95-3	
1,2-Dichlorobenzene	<0.71	ug/L	2.4	0.71	1		12/14/20 17:07	95-50-1	
1,3-Dichlorobenzene	<0.63	ug/L	2.1	0.63	1		12/14/20 17:07	541-73-1	
1,4-Dichlorobenzene	<0.94	ug/L	3.1	0.94	1		12/14/20 17:07	106-46-7	
Dichlorodifluoromethane	<0.50	ug/L	5.0	0.50	1		12/14/20 17:07	75-71-8	
1,1-Dichloroethane	<0.27	ug/L	1.0	0.27	1		12/14/20 17:07	75-34-3	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 60646104 KEP

Pace Project No.: 40219623

Sample: PZ-2303 **Lab ID: 40219623013** Collected: 12/08/20 10:30 Received: 12/10/20 10:10 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-Dichloroethane	<0.28	ug/L	1.0	0.28	1		12/14/20 17:07	107-06-2	
1,1-Dichloroethene	<0.24	ug/L	1.0	0.24	1		12/14/20 17:07	75-35-4	
cis-1,2-Dichloroethene	4.6	ug/L	1.0	0.27	1		12/14/20 17:07	156-59-2	
trans-1,2-Dichloroethene	<0.46	ug/L	1.5	0.46	1		12/14/20 17:07	156-60-5	
1,2-Dichloropropane	<0.28	ug/L	1.0	0.28	1		12/14/20 17:07	78-87-5	
1,3-Dichloropropane	<0.83	ug/L	2.8	0.83	1		12/14/20 17:07	142-28-9	
2,2-Dichloropropane	<2.3	ug/L	7.6	2.3	1		12/14/20 17:07	594-20-7	
1,1-Dichloropropene	<0.54	ug/L	1.8	0.54	1		12/14/20 17:07	563-58-6	
cis-1,3-Dichloropropene	<3.6	ug/L	12.1	3.6	1		12/14/20 17:07	10061-01-5	
trans-1,3-Dichloropropene	<4.4	ug/L	14.6	4.4	1		12/14/20 17:07	10061-02-6	
Diisopropyl ether	<1.9	ug/L	6.3	1.9	1		12/14/20 17:07	108-20-3	
Ethylbenzene	<0.32	ug/L	1.1	0.32	1		12/14/20 17:07	100-41-4	
Hexachloro-1,3-butadiene	<1.5	ug/L	4.9	1.5	1		12/14/20 17:07	87-68-3	
Isopropylbenzene (Cumene)	<1.7	ug/L	5.6	1.7	1		12/14/20 17:07	98-82-8	
p-Isopropyltoluene	<0.80	ug/L	2.7	0.80	1		12/14/20 17:07	99-87-6	
Methylene Chloride	<0.58	ug/L	5.0	0.58	1		12/14/20 17:07	75-09-2	
Methyl-tert-butyl ether	<1.2	ug/L	4.2	1.2	1		12/14/20 17:07	1634-04-4	
Naphthalene	<1.2	ug/L	5.0	1.2	1		12/14/20 17:07	91-20-3	
n-Propylbenzene	<0.81	ug/L	5.0	0.81	1		12/14/20 17:07	103-65-1	
Styrene	<3.0	ug/L	10.0	3.0	1		12/14/20 17:07	100-42-5	
1,1,1,2-Tetrachloroethane	<0.27	ug/L	1.0	0.27	1		12/14/20 17:07	630-20-6	
1,1,2,2-Tetrachloroethane	<0.28	ug/L	1.0	0.28	1		12/14/20 17:07	79-34-5	
Tetrachloroethene	<0.33	ug/L	1.1	0.33	1		12/14/20 17:07	127-18-4	
Toluene	<0.27	ug/L	1.0	0.27	1		12/14/20 17:07	108-88-3	
1,2,3-Trichlorobenzene	<2.2	ug/L	7.4	2.2	1		12/14/20 17:07	87-61-6	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		12/14/20 17:07	120-82-1	
1,1,1-Trichloroethane	<0.24	ug/L	1.0	0.24	1		12/14/20 17:07	71-55-6	
1,1,2-Trichloroethane	<0.55	ug/L	5.0	0.55	1		12/14/20 17:07	79-00-5	
Trichloroethene	<0.26	ug/L	1.0	0.26	1		12/14/20 17:07	79-01-6	
Trichlorofluoromethane	<0.21	ug/L	1.0	0.21	1		12/14/20 17:07	75-69-4	
1,2,3-Trichloropropane	<0.59	ug/L	5.0	0.59	1		12/14/20 17:07	96-18-4	
1,2,4-Trimethylbenzene	<0.84	ug/L	2.8	0.84	1		12/14/20 17:07	95-63-6	
1,3,5-Trimethylbenzene	<0.87	ug/L	2.9	0.87	1		12/14/20 17:07	108-67-8	
Vinyl chloride	8.7	ug/L	1.0	0.17	1		12/14/20 17:07	75-01-4	
Xylene (Total)	<1.5	ug/L	3.0	1.5	1		12/14/20 17:07	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	91	%	70-130		1		12/14/20 17:07	460-00-4	
Dibromofluoromethane (S)	96	%	70-130		1		12/14/20 17:07	1868-53-7	
Toluene-d8 (S)	96	%	70-130		1		12/14/20 17:07	2037-26-5	
4500S2F Sulfide, Iodometric									
Analytical Method: SM 4500-S F (2000)									
Pace Analytical Services - Green Bay									
Sulfide	<1.2	mg/L	4.0	1.2	1		12/10/20 16:02		1q

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ANALYTICAL RESULTS

Project: 60646104 KEP

Pace Project No.: 40219623

Sample: PZ-2303 **Lab ID: 40219623013** Collected: 12/08/20 10:30 Received: 12/10/20 10:10 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
300.0 IC Anions									
Analytical Method: EPA 300.0 Pace Analytical Services - Green Bay									
Chloride	51.5	mg/L	2.0	0.43	1		12/15/20 00:29	16887-00-6	
Sulfate	230	mg/L	20.0	4.4	10		12/15/20 21:41	14808-79-8	
310.2 Alkalinity									
Analytical Method: EPA 310.2 Pace Analytical Services - Green Bay									
Alkalinity, Total as CaCO ₃	453	mg/L	24.8	7.4	1		12/16/20 12:19		
410.4 COD									
Analytical Method: EPA 410.4 Preparation Method: EPA 410.4 Pace Analytical Services - Green Bay									
Chemical Oxygen Demand	<14.7	mg/L	50.0	14.7	1	12/16/20 17:17	12/16/20 21:40		
5310C TOC									
Analytical Method: SM 5310C Pace Analytical Services - Green Bay									
Total Organic Carbon	2.6	mg/L	0.50	0.14	1		12/14/20 22:50	7440-44-0	

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ANALYTICAL RESULTS

Project: 60646104 KEP
Pace Project No.: 40219623

Sample: MW-2303 **Lab ID: 40219623014** Collected: 12/08/20 12:00 Received: 12/10/20 10:10 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	<1.2	ug/L	5.6	1.2	1		12/15/20 11:52	74-84-0	
Ethene	<1.2	ug/L	5.0	1.2	1		12/15/20 11:52	74-85-1	
Methane	6.2	ug/L	2.8	0.66	1		12/15/20 11:52	74-82-8	B
6020 MET ICPMS									
Analytical Method: EPA 6020 Preparation Method: EPA 3010 Pace Analytical Services - Green Bay									
Iron	7.2	mg/L	0.50	0.12	2	12/11/20 05:34	12/15/20 03:15	7439-89-6	
Manganese	0.66	mg/L	0.0081	0.0024	2	12/11/20 05:34	12/15/20 03:15	7439-96-5	
6020 MET ICPMS, Dissolved									
Analytical Method: EPA 6020 Preparation Method: EPA 3010 Pace Analytical Services - Green Bay									
Barium, Dissolved	0.13	mg/L	0.0023	0.00070	1	12/11/20 05:36	12/12/20 06:46	7440-39-3	
Chromium, Dissolved	0.0060	mg/L	0.0034	0.0010	1	12/11/20 05:36	12/12/20 06:46	7440-47-3	
Iron, Dissolved	4.5	mg/L	0.25	0.058	1	12/11/20 05:36	12/12/20 06:46	7439-89-6	
Lead, Dissolved	0.0054	mg/L	0.0010	0.00024	1	12/11/20 05:36	12/12/20 06:46	7439-92-1	
Manganese, Dissolved	0.60	mg/L	0.0040	0.0012	1	12/11/20 05:36	12/12/20 06:46	7439-96-5	
Nickel, Dissolved	0.0074	mg/L	0.0010	0.00028	1	12/11/20 05:36	12/12/20 06:46	7440-02-0	
8260 MSV									
Analytical Method: EPA 8260 Pace Analytical Services - Green Bay									
Benzene	<0.49	ug/L	2.0	0.49	2		12/14/20 09:39	71-43-2	
Bromobenzene	<0.48	ug/L	2.0	0.48	2		12/14/20 09:39	108-86-1	
Bromochloromethane	<0.72	ug/L	10.0	0.72	2		12/14/20 09:39	74-97-5	
Bromodichloromethane	<0.73	ug/L	2.4	0.73	2		12/14/20 09:39	75-27-4	
Bromoform	<7.9	ug/L	26.5	7.9	2		12/14/20 09:39	75-25-2	
Bromomethane	<1.9	ug/L	10.0	1.9	2		12/14/20 09:39	74-83-9	
n-Butylbenzene	<1.4	ug/L	4.7	1.4	2		12/14/20 09:39	104-51-8	
sec-Butylbenzene	<1.7	ug/L	10.0	1.7	2		12/14/20 09:39	135-98-8	
tert-Butylbenzene	<0.61	ug/L	2.0	0.61	2		12/14/20 09:39	98-06-6	
Carbon tetrachloride	<2.2	ug/L	7.2	2.2	2		12/14/20 09:39	56-23-5	
Chlorobenzene	<1.4	ug/L	4.7	1.4	2		12/14/20 09:39	108-90-7	
Chloroethane	<2.7	ug/L	10.0	2.7	2		12/14/20 09:39	75-00-3	
Chloroform	<2.5	ug/L	10.0	2.5	2		12/14/20 09:39	67-66-3	
Chloromethane	<4.4	ug/L	14.6	4.4	2		12/14/20 09:39	74-87-3	
2-Chlorotoluene	<1.9	ug/L	10.0	1.9	2		12/14/20 09:39	95-49-8	
4-Chlorotoluene	<1.5	ug/L	5.0	1.5	2		12/14/20 09:39	106-43-4	
1,2-Dibromo-3-chloropropane	<3.5	ug/L	11.8	3.5	2		12/14/20 09:39	96-12-8	
Dibromochloromethane	<5.2	ug/L	17.3	5.2	2		12/14/20 09:39	124-48-1	
1,2-Dibromoethane (EDB)	<1.7	ug/L	5.5	1.7	2		12/14/20 09:39	106-93-4	
Dibromomethane	<1.9	ug/L	6.2	1.9	2		12/14/20 09:39	74-95-3	
1,2-Dichlorobenzene	<1.4	ug/L	4.7	1.4	2		12/14/20 09:39	95-50-1	
1,3-Dichlorobenzene	<1.3	ug/L	4.2	1.3	2		12/14/20 09:39	541-73-1	
1,4-Dichlorobenzene	<1.9	ug/L	6.3	1.9	2		12/14/20 09:39	106-46-7	
Dichlorodifluoromethane	<1.0	ug/L	10.0	1.0	2		12/14/20 09:39	75-71-8	
1,1-Dichloroethane	1.9J	ug/L	2.0	0.55	2		12/14/20 09:39	75-34-3	

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ANALYTICAL RESULTS

Project: 60646104 KEP
Pace Project No.: 40219623

Sample: MW-2303 **Lab ID: 40219623014** Collected: 12/08/20 12:00 Received: 12/10/20 10:10 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-Dichloroethane	<0.56	ug/L	2.0	0.56	2		12/14/20 09:39	107-06-2	
1,1-Dichloroethene	1.5J	ug/L	2.0	0.49	2		12/14/20 09:39	75-35-4	
cis-1,2-Dichloroethene	279	ug/L	2.0	0.54	2		12/14/20 09:39	156-59-2	
trans-1,2-Dichloroethene	23.7	ug/L	3.1	0.93	2		12/14/20 09:39	156-60-5	
1,2-Dichloropropane	<0.57	ug/L	2.0	0.57	2		12/14/20 09:39	78-87-5	
1,3-Dichloropropane	<1.7	ug/L	5.5	1.7	2		12/14/20 09:39	142-28-9	
2,2-Dichloropropane	<4.5	ug/L	15.1	4.5	2		12/14/20 09:39	594-20-7	
1,1-Dichloropropene	<1.1	ug/L	3.6	1.1	2		12/14/20 09:39	563-58-6	
cis-1,3-Dichloropropene	<7.3	ug/L	24.2	7.3	2		12/14/20 09:39	10061-01-5	
trans-1,3-Dichloropropene	<8.7	ug/L	29.1	8.7	2		12/14/20 09:39	10061-02-6	
Diisopropyl ether	<3.8	ug/L	12.6	3.8	2		12/14/20 09:39	108-20-3	
Ethylbenzene	<0.64	ug/L	2.1	0.64	2		12/14/20 09:39	100-41-4	
Hexachloro-1,3-butadiene	<2.9	ug/L	9.8	2.9	2		12/14/20 09:39	87-68-3	
Isopropylbenzene (Cumene)	<3.4	ug/L	11.2	3.4	2		12/14/20 09:39	98-82-8	
p-Isopropyltoluene	<1.6	ug/L	5.3	1.6	2		12/14/20 09:39	99-87-6	
Methylene Chloride	<1.2	ug/L	10.0	1.2	2		12/14/20 09:39	75-09-2	
Methyl-tert-butyl ether	<2.5	ug/L	8.3	2.5	2		12/14/20 09:39	1634-04-4	
Naphthalene	<2.4	ug/L	10.0	2.4	2		12/14/20 09:39	91-20-3	
n-Propylbenzene	<1.6	ug/L	10.0	1.6	2		12/14/20 09:39	103-65-1	
Styrene	<6.0	ug/L	20.1	6.0	2		12/14/20 09:39	100-42-5	
1,1,1,2-Tetrachloroethane	<0.54	ug/L	2.0	0.54	2		12/14/20 09:39	630-20-6	
1,1,2,2-Tetrachloroethane	<0.55	ug/L	2.0	0.55	2		12/14/20 09:39	79-34-5	
Tetrachloroethene	<0.65	ug/L	2.2	0.65	2		12/14/20 09:39	127-18-4	
Toluene	<0.54	ug/L	2.0	0.54	2		12/14/20 09:39	108-88-3	
1,2,3-Trichlorobenzene	<4.4	ug/L	14.7	4.4	2		12/14/20 09:39	87-61-6	
1,2,4-Trichlorobenzene	<1.9	ug/L	10.0	1.9	2		12/14/20 09:39	120-82-1	
1,1,1-Trichloroethane	0.63J	ug/L	2.0	0.49	2		12/14/20 09:39	71-55-6	
1,1,2-Trichloroethane	<1.1	ug/L	10.0	1.1	2		12/14/20 09:39	79-00-5	
Trichloroethene	241	ug/L	2.0	0.51	2		12/14/20 09:39	79-01-6	
Trichlorofluoromethane	<0.43	ug/L	2.0	0.43	2		12/14/20 09:39	75-69-4	
1,2,3-Trichloropropane	<1.2	ug/L	10.0	1.2	2		12/14/20 09:39	96-18-4	
1,2,4-Trimethylbenzene	<1.7	ug/L	5.6	1.7	2		12/14/20 09:39	95-63-6	
1,3,5-Trimethylbenzene	<1.7	ug/L	5.8	1.7	2		12/14/20 09:39	108-67-8	
Vinyl chloride	12.4	ug/L	2.0	0.35	2		12/14/20 09:39	75-01-4	
Xylene (Total)	<3.0	ug/L	6.0	3.0	2		12/14/20 09:39	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	89	%	70-130		2		12/14/20 09:39	460-00-4	
Dibromofluoromethane (S)	96	%	70-130		2		12/14/20 09:39	1868-53-7	
Toluene-d8 (S)	97	%	70-130		2		12/14/20 09:39	2037-26-5	

4500S2F Sulfide, Iodometric

Analytical Method: SM 4500-S F (2000)
Pace Analytical Services - Green Bay

Sulfide	<1.2	mg/L	4.0	1.2	1		12/10/20 16:04		1q
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ANALYTICAL RESULTS

Project: 60646104 KEP
Pace Project No.: 40219623

Sample: MW-2303 **Lab ID: 40219623014** Collected: 12/08/20 12:00 Received: 12/10/20 10:10 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
300.0 IC Anions									
Analytical Method: EPA 300.0 Pace Analytical Services - Green Bay									
Chloride	64.1	mg/L	10.0	2.2	5		12/15/20 00:44	16887-00-6	
Sulfate	201	mg/L	10.0	2.2	5		12/15/20 00:44	14808-79-8	
310.2 Alkalinity									
Analytical Method: EPA 310.2 Pace Analytical Services - Green Bay									
Alkalinity, Total as CaCO ₃	354	mg/L	49.6	14.9	2		12/16/20 12:20		M0
410.4 COD									
Analytical Method: EPA 410.4 Preparation Method: EPA 410.4 Pace Analytical Services - Green Bay									
Chemical Oxygen Demand	57.4	mg/L	50.0	14.7	1	12/16/20 17:17	12/16/20 21:40		
5310C TOC									
Analytical Method: SM 5310C Pace Analytical Services - Green Bay									
Total Organic Carbon	3.0	mg/L	0.50	0.14	1		12/14/20 23:07	7440-44-0	

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ANALYTICAL RESULTS

Project: 60646104 KEP

Pace Project No.: 40219623

Sample: PZ-2110 **Lab ID: 40219623015** Collected: 12/08/20 14:00 Received: 12/10/20 10:10 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	<1.2	ug/L	5.6	1.2	1		12/15/20 11:58	74-84-0	
Ethene	<1.2	ug/L	5.0	1.2	1		12/15/20 11:58	74-85-1	
Methane	3.4	ug/L	2.8	0.66	1		12/15/20 11:58	74-82-8	B
6020 MET ICPMS									
Analytical Method: EPA 6020 Preparation Method: EPA 3010									
Pace Analytical Services - Green Bay									
Iron	0.23J	mg/L	0.25	0.058	1	12/11/20 05:34	12/15/20 03:22	7439-89-6	B
Manganese	0.099	mg/L	0.0040	0.0012	1	12/11/20 05:34	12/15/20 03:22	7439-96-5	
6020 MET ICPMS, Dissolved									
Analytical Method: EPA 6020 Preparation Method: EPA 3010									
Pace Analytical Services - Green Bay									
Barium, Dissolved	0.094	mg/L	0.0023	0.00070	1	12/11/20 05:36	12/12/20 07:07	7440-39-3	
Chromium, Dissolved	<0.0010	mg/L	0.0034	0.0010	1	12/11/20 05:36	12/12/20 07:07	7440-47-3	
Iron, Dissolved	<0.058	mg/L	0.25	0.058	1	12/11/20 05:36	12/12/20 07:07	7439-89-6	
Lead, Dissolved	<0.00024	mg/L	0.0010	0.00024	1	12/11/20 05:36	12/12/20 07:07	7439-92-1	
Manganese, Dissolved	0.12	mg/L	0.0040	0.0012	1	12/11/20 05:36	12/12/20 07:07	7439-96-5	CR
Nickel, Dissolved	0.0031	mg/L	0.0010	0.00028	1	12/11/20 05:36	12/12/20 07:07	7440-02-0	
8260 MSV									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
Benzene	<0.25	ug/L	1.0	0.25	1		12/14/20 17:28	71-43-2	
Bromobenzene	<0.24	ug/L	1.0	0.24	1		12/14/20 17:28	108-86-1	
Bromochloromethane	<0.36	ug/L	5.0	0.36	1		12/14/20 17:28	74-97-5	
Bromodichloromethane	<0.36	ug/L	1.2	0.36	1		12/14/20 17:28	75-27-4	
Bromoform	<4.0	ug/L	13.2	4.0	1		12/14/20 17:28	75-25-2	
Bromomethane	<0.97	ug/L	5.0	0.97	1		12/14/20 17:28	74-83-9	
n-Butylbenzene	<0.71	ug/L	2.4	0.71	1		12/14/20 17:28	104-51-8	
sec-Butylbenzene	<0.85	ug/L	5.0	0.85	1		12/14/20 17:28	135-98-8	
tert-Butylbenzene	<0.30	ug/L	1.0	0.30	1		12/14/20 17:28	98-06-6	
Carbon tetrachloride	<1.1	ug/L	3.6	1.1	1		12/14/20 17:28	56-23-5	
Chlorobenzene	<0.71	ug/L	2.4	0.71	1		12/14/20 17:28	108-90-7	
Chloroethane	<1.3	ug/L	5.0	1.3	1		12/14/20 17:28	75-00-3	
Chloroform	<1.3	ug/L	5.0	1.3	1		12/14/20 17:28	67-66-3	
Chloromethane	<2.2	ug/L	7.3	2.2	1		12/14/20 17:28	74-87-3	
2-Chlorotoluene	<0.93	ug/L	5.0	0.93	1		12/14/20 17:28	95-49-8	
4-Chlorotoluene	<0.76	ug/L	2.5	0.76	1		12/14/20 17:28	106-43-4	
1,2-Dibromo-3-chloropropane	<1.8	ug/L	5.9	1.8	1		12/14/20 17:28	96-12-8	
Dibromochloromethane	<2.6	ug/L	8.7	2.6	1		12/14/20 17:28	124-48-1	
1,2-Dibromoethane (EDB)	<0.83	ug/L	2.8	0.83	1		12/14/20 17:28	106-93-4	
Dibromomethane	<0.94	ug/L	3.1	0.94	1		12/14/20 17:28	74-95-3	
1,2-Dichlorobenzene	<0.71	ug/L	2.4	0.71	1		12/14/20 17:28	95-50-1	
1,3-Dichlorobenzene	<0.63	ug/L	2.1	0.63	1		12/14/20 17:28	541-73-1	
1,4-Dichlorobenzene	<0.94	ug/L	3.1	0.94	1		12/14/20 17:28	106-46-7	
Dichlorodifluoromethane	<0.50	ug/L	5.0	0.50	1		12/14/20 17:28	75-71-8	
1,1-Dichloroethane	<0.27	ug/L	1.0	0.27	1		12/14/20 17:28	75-34-3	

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ANALYTICAL RESULTS

Project: 60646104 KEP

Pace Project No.: 40219623

Sample: PZ-2110 Lab ID: 40219623015 Collected: 12/08/20 14:00 Received: 12/10/20 10:10 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-Dichloroethane	<0.28	ug/L	1.0	0.28	1		12/14/20 17:28	107-06-2	
1,1-Dichloroethane	<0.24	ug/L	1.0	0.24	1		12/14/20 17:28	75-35-4	
cis-1,2-Dichloroethene	<0.27	ug/L	1.0	0.27	1		12/14/20 17:28	156-59-2	
trans-1,2-Dichloroethene	<0.46	ug/L	1.5	0.46	1		12/14/20 17:28	156-60-5	
1,2-Dichloropropane	<0.28	ug/L	1.0	0.28	1		12/14/20 17:28	78-87-5	
1,3-Dichloropropane	<0.83	ug/L	2.8	0.83	1		12/14/20 17:28	142-28-9	
2,2-Dichloropropane	<2.3	ug/L	7.6	2.3	1		12/14/20 17:28	594-20-7	
1,1-Dichloropropene	<0.54	ug/L	1.8	0.54	1		12/14/20 17:28	563-58-6	
cis-1,3-Dichloropropene	<3.6	ug/L	12.1	3.6	1		12/14/20 17:28	10061-01-5	
trans-1,3-Dichloropropene	<4.4	ug/L	14.6	4.4	1		12/14/20 17:28	10061-02-6	
Diisopropyl ether	<1.9	ug/L	6.3	1.9	1		12/14/20 17:28	108-20-3	
Ethylbenzene	<0.32	ug/L	1.1	0.32	1		12/14/20 17:28	100-41-4	
Hexachloro-1,3-butadiene	<1.5	ug/L	4.9	1.5	1		12/14/20 17:28	87-68-3	
Isopropylbenzene (Cumene)	<1.7	ug/L	5.6	1.7	1		12/14/20 17:28	98-82-8	
p-Isopropyltoluene	<0.80	ug/L	2.7	0.80	1		12/14/20 17:28	99-87-6	
Methylene Chloride	<0.58	ug/L	5.0	0.58	1		12/14/20 17:28	75-09-2	
Methyl-tert-butyl ether	<1.2	ug/L	4.2	1.2	1		12/14/20 17:28	1634-04-4	
Naphthalene	<1.2	ug/L	5.0	1.2	1		12/14/20 17:28	91-20-3	
n-Propylbenzene	<0.81	ug/L	5.0	0.81	1		12/14/20 17:28	103-65-1	
Styrene	<3.0	ug/L	10.0	3.0	1		12/14/20 17:28	100-42-5	
1,1,1,2-Tetrachloroethane	<0.27	ug/L	1.0	0.27	1		12/14/20 17:28	630-20-6	
1,1,2,2-Tetrachloroethane	<0.28	ug/L	1.0	0.28	1		12/14/20 17:28	79-34-5	
Tetrachloroethene	<0.33	ug/L	1.1	0.33	1		12/14/20 17:28	127-18-4	
Toluene	<0.27	ug/L	1.0	0.27	1		12/14/20 17:28	108-88-3	
1,2,3-Trichlorobenzene	<2.2	ug/L	7.4	2.2	1		12/14/20 17:28	87-61-6	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		12/14/20 17:28	120-82-1	
1,1,1-Trichloroethane	<0.24	ug/L	1.0	0.24	1		12/14/20 17:28	71-55-6	
1,1,2-Trichloroethane	<0.55	ug/L	5.0	0.55	1		12/14/20 17:28	79-00-5	
Trichloroethene	<0.26	ug/L	1.0	0.26	1		12/14/20 17:28	79-01-6	
Trichlorofluoromethane	<0.21	ug/L	1.0	0.21	1		12/14/20 17:28	75-69-4	
1,2,3-Trichloropropane	<0.59	ug/L	5.0	0.59	1		12/14/20 17:28	96-18-4	
1,2,4-Trimethylbenzene	<0.84	ug/L	2.8	0.84	1		12/14/20 17:28	95-63-6	
1,3,5-Trimethylbenzene	<0.87	ug/L	2.9	0.87	1		12/14/20 17:28	108-67-8	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		12/14/20 17:28	75-01-4	
Xylene (Total)	<1.5	ug/L	3.0	1.5	1		12/14/20 17:28	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	91	%	70-130		1		12/14/20 17:28	460-00-4	
Dibromofluoromethane (S)	96	%	70-130		1		12/14/20 17:28	1868-53-7	
Toluene-d8 (S)	98	%	70-130		1		12/14/20 17:28	2037-26-5	
4500S2F Sulfide, Iodometric									
Analytical Method: SM 4500-S F (2000)									
Pace Analytical Services - Green Bay									
Sulfide	<1.2	mg/L	4.0	1.2	1		12/10/20 16:06		1q

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ANALYTICAL RESULTS

Project: 60646104 KEP
Pace Project No.: 40219623

Sample: PZ-2110 **Lab ID: 40219623015** Collected: 12/08/20 14:00 Received: 12/10/20 10:10 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
300.0 IC Anions									
Analytical Method: EPA 300.0 Pace Analytical Services - Green Bay									
Chloride	512	mg/L	40.0	8.6	20		12/15/20 21:56	16887-00-6	
Sulfate	315	mg/L	40.0	8.9	20		12/15/20 21:56	14808-79-8	
310.2 Alkalinity									
Analytical Method: EPA 310.2 Pace Analytical Services - Green Bay									
Alkalinity, Total as CaCO ₃	346	mg/L	24.8	7.4	1		12/16/20 12:29		
410.4 COD									
Analytical Method: EPA 410.4 Preparation Method: EPA 410.4 Pace Analytical Services - Green Bay									
Chemical Oxygen Demand	30.5J	mg/L	50.0	14.7	1	12/16/20 17:17	12/16/20 21:40		
5310C TOC									
Analytical Method: SM 5310C Pace Analytical Services - Green Bay									
Total Organic Carbon	3.5	mg/L	1.5	0.42	3		12/14/20 23:22	7440-44-0	

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ANALYTICAL RESULTS

Project: 60646104 KEP
Pace Project No.: 40219623

Sample: TRIP BLANK **Lab ID: 40219623016** Collected: 12/08/20 16:35 Received: 12/10/20 10:10 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
Benzene	<0.25	ug/L	1.0	0.25	1		12/14/20 15:41	71-43-2	
Bromobenzene	<0.24	ug/L	1.0	0.24	1		12/14/20 15:41	108-86-1	
Bromochloromethane	<0.36	ug/L	5.0	0.36	1		12/14/20 15:41	74-97-5	
Bromodichloromethane	<0.36	ug/L	1.2	0.36	1		12/14/20 15:41	75-27-4	
Bromoform	<4.0	ug/L	13.2	4.0	1		12/14/20 15:41	75-25-2	
Bromomethane	<0.97	ug/L	5.0	0.97	1		12/14/20 15:41	74-83-9	
n-Butylbenzene	<0.71	ug/L	2.4	0.71	1		12/14/20 15:41	104-51-8	
sec-Butylbenzene	<0.85	ug/L	5.0	0.85	1		12/14/20 15:41	135-98-8	
tert-Butylbenzene	<0.30	ug/L	1.0	0.30	1		12/14/20 15:41	98-06-6	
Carbon tetrachloride	<1.1	ug/L	3.6	1.1	1		12/14/20 15:41	56-23-5	
Chlorobenzene	<0.71	ug/L	2.4	0.71	1		12/14/20 15:41	108-90-7	
Chloroethane	<1.3	ug/L	5.0	1.3	1		12/14/20 15:41	75-00-3	
Chloroform	<1.3	ug/L	5.0	1.3	1		12/14/20 15:41	67-66-3	
Chloromethane	<2.2	ug/L	7.3	2.2	1		12/14/20 15:41	74-87-3	
2-Chlorotoluene	<0.93	ug/L	5.0	0.93	1		12/14/20 15:41	95-49-8	
4-Chlorotoluene	<0.76	ug/L	2.5	0.76	1		12/14/20 15:41	106-43-4	
1,2-Dibromo-3-chloropropane	<1.8	ug/L	5.9	1.8	1		12/14/20 15:41	96-12-8	
Dibromochloromethane	<2.6	ug/L	8.7	2.6	1		12/14/20 15:41	124-48-1	
1,2-Dibromoethane (EDB)	<0.83	ug/L	2.8	0.83	1		12/14/20 15:41	106-93-4	
Dibromomethane	<0.94	ug/L	3.1	0.94	1		12/14/20 15:41	74-95-3	
1,2-Dichlorobenzene	<0.71	ug/L	2.4	0.71	1		12/14/20 15:41	95-50-1	
1,3-Dichlorobenzene	<0.63	ug/L	2.1	0.63	1		12/14/20 15:41	541-73-1	
1,4-Dichlorobenzene	<0.94	ug/L	3.1	0.94	1		12/14/20 15:41	106-46-7	
Dichlorodifluoromethane	<0.50	ug/L	5.0	0.50	1		12/14/20 15:41	75-71-8	
1,1-Dichloroethane	<0.27	ug/L	1.0	0.27	1		12/14/20 15:41	75-34-3	
1,2-Dichloroethane	<0.28	ug/L	1.0	0.28	1		12/14/20 15:41	107-06-2	
1,1-Dichloroethene	<0.24	ug/L	1.0	0.24	1		12/14/20 15:41	75-35-4	
cis-1,2-Dichloroethene	<0.27	ug/L	1.0	0.27	1		12/14/20 15:41	156-59-2	
trans-1,2-Dichloroethene	<0.46	ug/L	1.5	0.46	1		12/14/20 15:41	156-60-5	
1,2-Dichloropropane	<0.28	ug/L	1.0	0.28	1		12/14/20 15:41	78-87-5	
1,3-Dichloropropane	<0.83	ug/L	2.8	0.83	1		12/14/20 15:41	142-28-9	
2,2-Dichloropropane	<2.3	ug/L	7.6	2.3	1		12/14/20 15:41	594-20-7	
1,1-Dichloropropene	<0.54	ug/L	1.8	0.54	1		12/14/20 15:41	563-58-6	
cis-1,3-Dichloropropene	<3.6	ug/L	12.1	3.6	1		12/14/20 15:41	10061-01-5	
trans-1,3-Dichloropropene	<4.4	ug/L	14.6	4.4	1		12/14/20 15:41	10061-02-6	
Diisopropyl ether	<1.9	ug/L	6.3	1.9	1		12/14/20 15:41	108-20-3	
Ethylbenzene	<0.32	ug/L	1.1	0.32	1		12/14/20 15:41	100-41-4	
Hexachloro-1,3-butadiene	<1.5	ug/L	4.9	1.5	1		12/14/20 15:41	87-68-3	
Isopropylbenzene (Cumene)	<1.7	ug/L	5.6	1.7	1		12/14/20 15:41	98-82-8	
p-Isopropyltoluene	<0.80	ug/L	2.7	0.80	1		12/14/20 15:41	99-87-6	
Methylene Chloride	<0.58	ug/L	5.0	0.58	1		12/14/20 15:41	75-09-2	
Methyl-tert-butyl ether	<1.2	ug/L	4.2	1.2	1		12/14/20 15:41	1634-04-4	
Naphthalene	<1.2	ug/L	5.0	1.2	1		12/14/20 15:41	91-20-3	
n-Propylbenzene	<0.81	ug/L	5.0	0.81	1		12/14/20 15:41	103-65-1	
Styrene	<3.0	ug/L	10.0	3.0	1		12/14/20 15:41	100-42-5	

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ANALYTICAL RESULTS

Project: 60646104 KEP
Pace Project No.: 40219623

Sample: TRIP BLANK **Lab ID: 40219623016** Collected: 12/08/20 16:35 Received: 12/10/20 10:10 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	<0.27	ug/L	1.0	0.27	1		12/14/20 15:41	630-20-6	
1,1,2,2-Tetrachloroethane	<0.28	ug/L	1.0	0.28	1		12/14/20 15:41	79-34-5	
Tetrachloroethene	<0.33	ug/L	1.1	0.33	1		12/14/20 15:41	127-18-4	
Toluene	<0.27	ug/L	1.0	0.27	1		12/14/20 15:41	108-88-3	
1,2,3-Trichlorobenzene	<2.2	ug/L	7.4	2.2	1		12/14/20 15:41	87-61-6	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		12/14/20 15:41	120-82-1	
1,1,1-Trichloroethane	<0.24	ug/L	1.0	0.24	1		12/14/20 15:41	71-55-6	
1,1,2-Trichloroethane	<0.55	ug/L	5.0	0.55	1		12/14/20 15:41	79-00-5	
Trichloroethene	<0.26	ug/L	1.0	0.26	1		12/14/20 15:41	79-01-6	
Trichlorofluoromethane	<0.21	ug/L	1.0	0.21	1		12/14/20 15:41	75-69-4	
1,2,3-Trichloropropane	<0.59	ug/L	5.0	0.59	1		12/14/20 15:41	96-18-4	
1,2,4-Trimethylbenzene	<0.84	ug/L	2.8	0.84	1		12/14/20 15:41	95-63-6	
1,3,5-Trimethylbenzene	<0.87	ug/L	2.9	0.87	1		12/14/20 15:41	108-67-8	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		12/14/20 15:41	75-01-4	
Xylene (Total)	<1.5	ug/L	3.0	1.5	1		12/14/20 15:41	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	94	%	70-130		1		12/14/20 15:41	460-00-4	
Dibromofluoromethane (S)	96	%	70-130		1		12/14/20 15:41	1868-53-7	
Toluene-d8 (S)	96	%	70-130		1		12/14/20 15:41	2037-26-5	

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ANALYTICAL RESULTS

Project: 60646104 KEP
Pace Project No.: 40219623

Sample: TB-2 **Lab ID: 40219623017** Collected: 12/08/20 16:40 Received: 12/10/20 10:10 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
Benzene	<0.25	ug/L	1.0	0.25	1		12/14/20 16:02	71-43-2	
Bromobenzene	<0.24	ug/L	1.0	0.24	1		12/14/20 16:02	108-86-1	
Bromochloromethane	<0.36	ug/L	5.0	0.36	1		12/14/20 16:02	74-97-5	
Bromodichloromethane	<0.36	ug/L	1.2	0.36	1		12/14/20 16:02	75-27-4	
Bromoform	<4.0	ug/L	13.2	4.0	1		12/14/20 16:02	75-25-2	
Bromomethane	<0.97	ug/L	5.0	0.97	1		12/14/20 16:02	74-83-9	
n-Butylbenzene	<0.71	ug/L	2.4	0.71	1		12/14/20 16:02	104-51-8	
sec-Butylbenzene	<0.85	ug/L	5.0	0.85	1		12/14/20 16:02	135-98-8	
tert-Butylbenzene	<0.30	ug/L	1.0	0.30	1		12/14/20 16:02	98-06-6	
Carbon tetrachloride	<1.1	ug/L	3.6	1.1	1		12/14/20 16:02	56-23-5	
Chlorobenzene	<0.71	ug/L	2.4	0.71	1		12/14/20 16:02	108-90-7	
Chloroethane	<1.3	ug/L	5.0	1.3	1		12/14/20 16:02	75-00-3	
Chloroform	<1.3	ug/L	5.0	1.3	1		12/14/20 16:02	67-66-3	
Chloromethane	<2.2	ug/L	7.3	2.2	1		12/14/20 16:02	74-87-3	
2-Chlorotoluene	<0.93	ug/L	5.0	0.93	1		12/14/20 16:02	95-49-8	
4-Chlorotoluene	<0.76	ug/L	2.5	0.76	1		12/14/20 16:02	106-43-4	
1,2-Dibromo-3-chloropropane	<1.8	ug/L	5.9	1.8	1		12/14/20 16:02	96-12-8	
Dibromochloromethane	<2.6	ug/L	8.7	2.6	1		12/14/20 16:02	124-48-1	
1,2-Dibromoethane (EDB)	<0.83	ug/L	2.8	0.83	1		12/14/20 16:02	106-93-4	
Dibromomethane	<0.94	ug/L	3.1	0.94	1		12/14/20 16:02	74-95-3	
1,2-Dichlorobenzene	<0.71	ug/L	2.4	0.71	1		12/14/20 16:02	95-50-1	
1,3-Dichlorobenzene	<0.63	ug/L	2.1	0.63	1		12/14/20 16:02	541-73-1	
1,4-Dichlorobenzene	<0.94	ug/L	3.1	0.94	1		12/14/20 16:02	106-46-7	
Dichlorodifluoromethane	<0.50	ug/L	5.0	0.50	1		12/14/20 16:02	75-71-8	
1,1-Dichloroethane	<0.27	ug/L	1.0	0.27	1		12/14/20 16:02	75-34-3	
1,2-Dichloroethane	<0.28	ug/L	1.0	0.28	1		12/14/20 16:02	107-06-2	
1,1-Dichloroethene	<0.24	ug/L	1.0	0.24	1		12/14/20 16:02	75-35-4	
cis-1,2-Dichloroethene	<0.27	ug/L	1.0	0.27	1		12/14/20 16:02	156-59-2	
trans-1,2-Dichloroethene	<0.46	ug/L	1.5	0.46	1		12/14/20 16:02	156-60-5	
1,2-Dichloropropane	<0.28	ug/L	1.0	0.28	1		12/14/20 16:02	78-87-5	
1,3-Dichloropropane	<0.83	ug/L	2.8	0.83	1		12/14/20 16:02	142-28-9	
2,2-Dichloropropane	<2.3	ug/L	7.6	2.3	1		12/14/20 16:02	594-20-7	
1,1-Dichloropropene	<0.54	ug/L	1.8	0.54	1		12/14/20 16:02	563-58-6	
cis-1,3-Dichloropropene	<3.6	ug/L	12.1	3.6	1		12/14/20 16:02	10061-01-5	
trans-1,3-Dichloropropene	<4.4	ug/L	14.6	4.4	1		12/14/20 16:02	10061-02-6	
Diisopropyl ether	<1.9	ug/L	6.3	1.9	1		12/14/20 16:02	108-20-3	
Ethylbenzene	<0.32	ug/L	1.1	0.32	1		12/14/20 16:02	100-41-4	
Hexachloro-1,3-butadiene	<1.5	ug/L	4.9	1.5	1		12/14/20 16:02	87-68-3	
Isopropylbenzene (Cumene)	<1.7	ug/L	5.6	1.7	1		12/14/20 16:02	98-82-8	
p-Isopropyltoluene	<0.80	ug/L	2.7	0.80	1		12/14/20 16:02	99-87-6	
Methylene Chloride	<0.58	ug/L	5.0	0.58	1		12/14/20 16:02	75-09-2	
Methyl-tert-butyl ether	<1.2	ug/L	4.2	1.2	1		12/14/20 16:02	1634-04-4	
Naphthalene	<1.2	ug/L	5.0	1.2	1		12/14/20 16:02	91-20-3	
n-Propylbenzene	<0.81	ug/L	5.0	0.81	1		12/14/20 16:02	103-65-1	
Styrene	<3.0	ug/L	10.0	3.0	1		12/14/20 16:02	100-42-5	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 60646104 KEP

Pace Project No.: 40219623

Sample: TB-2 **Lab ID: 40219623017** Collected: 12/08/20 16:40 Received: 12/10/20 10:10 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	<0.27	ug/L	1.0	0.27	1		12/14/20 16:02	630-20-6	
1,1,2,2-Tetrachloroethane	<0.28	ug/L	1.0	0.28	1		12/14/20 16:02	79-34-5	
Tetrachloroethene	<0.33	ug/L	1.1	0.33	1		12/14/20 16:02	127-18-4	
Toluene	<0.27	ug/L	1.0	0.27	1		12/14/20 16:02	108-88-3	
1,2,3-Trichlorobenzene	<2.2	ug/L	7.4	2.2	1		12/14/20 16:02	87-61-6	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		12/14/20 16:02	120-82-1	
1,1,1-Trichloroethane	<0.24	ug/L	1.0	0.24	1		12/14/20 16:02	71-55-6	
1,1,2-Trichloroethane	<0.55	ug/L	5.0	0.55	1		12/14/20 16:02	79-00-5	
Trichloroethene	<0.26	ug/L	1.0	0.26	1		12/14/20 16:02	79-01-6	
Trichlorofluoromethane	<0.21	ug/L	1.0	0.21	1		12/14/20 16:02	75-69-4	
1,2,3-Trichloropropane	<0.59	ug/L	5.0	0.59	1		12/14/20 16:02	96-18-4	
1,2,4-Trimethylbenzene	<0.84	ug/L	2.8	0.84	1		12/14/20 16:02	95-63-6	
1,3,5-Trimethylbenzene	<0.87	ug/L	2.9	0.87	1		12/14/20 16:02	108-67-8	
Vinyl chloride	0.46J	ug/L	1.0	0.17	1		12/14/20 16:02	75-01-4	
Xylene (Total)	<1.5	ug/L	3.0	1.5	1		12/14/20 16:02	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	90	%	70-130		1		12/14/20 16:02	460-00-4	
Dibromofluoromethane (S)	95	%	70-130		1		12/14/20 16:02	1868-53-7	
Toluene-d8 (S)	96	%	70-130		1		12/14/20 16:02	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 60646104 KEP

Pace Project No.: 40219623

Sample: TB-3 **Lab ID: 40219623018** Collected: 12/08/20 16:45 Received: 12/10/20 10:10 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
Benzene	<0.25	ug/L	1.0	0.25	1		12/14/20 16:24	71-43-2	
Bromobenzene	<0.24	ug/L	1.0	0.24	1		12/14/20 16:24	108-86-1	
Bromochloromethane	<0.36	ug/L	5.0	0.36	1		12/14/20 16:24	74-97-5	
Bromodichloromethane	<0.36	ug/L	1.2	0.36	1		12/14/20 16:24	75-27-4	
Bromoform	<4.0	ug/L	13.2	4.0	1		12/14/20 16:24	75-25-2	
Bromomethane	<0.97	ug/L	5.0	0.97	1		12/14/20 16:24	74-83-9	
n-Butylbenzene	<0.71	ug/L	2.4	0.71	1		12/14/20 16:24	104-51-8	
sec-Butylbenzene	<0.85	ug/L	5.0	0.85	1		12/14/20 16:24	135-98-8	
tert-Butylbenzene	<0.30	ug/L	1.0	0.30	1		12/14/20 16:24	98-06-6	
Carbon tetrachloride	<1.1	ug/L	3.6	1.1	1		12/14/20 16:24	56-23-5	
Chlorobenzene	<0.71	ug/L	2.4	0.71	1		12/14/20 16:24	108-90-7	
Chloroethane	<1.3	ug/L	5.0	1.3	1		12/14/20 16:24	75-00-3	
Chloroform	<1.3	ug/L	5.0	1.3	1		12/14/20 16:24	67-66-3	
Chloromethane	<2.2	ug/L	7.3	2.2	1		12/14/20 16:24	74-87-3	
2-Chlorotoluene	<0.93	ug/L	5.0	0.93	1		12/14/20 16:24	95-49-8	
4-Chlorotoluene	<0.76	ug/L	2.5	0.76	1		12/14/20 16:24	106-43-4	
1,2-Dibromo-3-chloropropane	<1.8	ug/L	5.9	1.8	1		12/14/20 16:24	96-12-8	
Dibromochloromethane	<2.6	ug/L	8.7	2.6	1		12/14/20 16:24	124-48-1	
1,2-Dibromoethane (EDB)	<0.83	ug/L	2.8	0.83	1		12/14/20 16:24	106-93-4	
Dibromomethane	<0.94	ug/L	3.1	0.94	1		12/14/20 16:24	74-95-3	
1,2-Dichlorobenzene	<0.71	ug/L	2.4	0.71	1		12/14/20 16:24	95-50-1	
1,3-Dichlorobenzene	<0.63	ug/L	2.1	0.63	1		12/14/20 16:24	541-73-1	
1,4-Dichlorobenzene	<0.94	ug/L	3.1	0.94	1		12/14/20 16:24	106-46-7	
Dichlorodifluoromethane	<0.50	ug/L	5.0	0.50	1		12/14/20 16:24	75-71-8	
1,1-Dichloroethane	<0.27	ug/L	1.0	0.27	1		12/14/20 16:24	75-34-3	
1,2-Dichloroethane	<0.28	ug/L	1.0	0.28	1		12/14/20 16:24	107-06-2	
1,1-Dichloroethene	<0.24	ug/L	1.0	0.24	1		12/14/20 16:24	75-35-4	
cis-1,2-Dichloroethene	<0.27	ug/L	1.0	0.27	1		12/14/20 16:24	156-59-2	
trans-1,2-Dichloroethene	<0.46	ug/L	1.5	0.46	1		12/14/20 16:24	156-60-5	
1,2-Dichloropropane	<0.28	ug/L	1.0	0.28	1		12/14/20 16:24	78-87-5	
1,3-Dichloropropane	<0.83	ug/L	2.8	0.83	1		12/14/20 16:24	142-28-9	
2,2-Dichloropropane	<2.3	ug/L	7.6	2.3	1		12/14/20 16:24	594-20-7	
1,1-Dichloropropene	<0.54	ug/L	1.8	0.54	1		12/14/20 16:24	563-58-6	
cis-1,3-Dichloropropene	<3.6	ug/L	12.1	3.6	1		12/14/20 16:24	10061-01-5	
trans-1,3-Dichloropropene	<4.4	ug/L	14.6	4.4	1		12/14/20 16:24	10061-02-6	
Diisopropyl ether	<1.9	ug/L	6.3	1.9	1		12/14/20 16:24	108-20-3	
Ethylbenzene	<0.32	ug/L	1.1	0.32	1		12/14/20 16:24	100-41-4	
Hexachloro-1,3-butadiene	<1.5	ug/L	4.9	1.5	1		12/14/20 16:24	87-68-3	
Isopropylbenzene (Cumene)	<1.7	ug/L	5.6	1.7	1		12/14/20 16:24	98-82-8	
p-Isopropyltoluene	<0.80	ug/L	2.7	0.80	1		12/14/20 16:24	99-87-6	
Methylene Chloride	<0.58	ug/L	5.0	0.58	1		12/14/20 16:24	75-09-2	
Methyl-tert-butyl ether	<1.2	ug/L	4.2	1.2	1		12/14/20 16:24	1634-04-4	
Naphthalene	<1.2	ug/L	5.0	1.2	1		12/14/20 16:24	91-20-3	
n-Propylbenzene	<0.81	ug/L	5.0	0.81	1		12/14/20 16:24	103-65-1	
Styrene	<3.0	ug/L	10.0	3.0	1		12/14/20 16:24	100-42-5	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 60646104 KEP
Pace Project No.: 40219623

Sample: TB-3 **Lab ID: 40219623018** Collected: 12/08/20 16:45 Received: 12/10/20 10:10 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	<0.27	ug/L	1.0	0.27	1		12/14/20 16:24	630-20-6	
1,1,1,2-Tetrachloroethane	<0.28	ug/L	1.0	0.28	1		12/14/20 16:24	79-34-5	
Tetrachloroethene	<0.33	ug/L	1.1	0.33	1		12/14/20 16:24	127-18-4	
Toluene	<0.27	ug/L	1.0	0.27	1		12/14/20 16:24	108-88-3	
1,2,3-Trichlorobenzene	<2.2	ug/L	7.4	2.2	1		12/14/20 16:24	87-61-6	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		12/14/20 16:24	120-82-1	
1,1,1-Trichloroethane	<0.24	ug/L	1.0	0.24	1		12/14/20 16:24	71-55-6	
1,1,2-Trichloroethane	<0.55	ug/L	5.0	0.55	1		12/14/20 16:24	79-00-5	
Trichloroethene	<0.26	ug/L	1.0	0.26	1		12/14/20 16:24	79-01-6	
Trichlorofluoromethane	<0.21	ug/L	1.0	0.21	1		12/14/20 16:24	75-69-4	
1,2,3-Trichloropropane	<0.59	ug/L	5.0	0.59	1		12/14/20 16:24	96-18-4	
1,2,4-Trimethylbenzene	<0.84	ug/L	2.8	0.84	1		12/14/20 16:24	95-63-6	
1,3,5-Trimethylbenzene	<0.87	ug/L	2.9	0.87	1		12/14/20 16:24	108-67-8	
Vinyl chloride	0.22J	ug/L	1.0	0.17	1		12/14/20 16:24	75-01-4	
Xylene (Total)	<1.5	ug/L	3.0	1.5	1		12/14/20 16:24	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	93	%	70-130		1		12/14/20 16:24	460-00-4	
Dibromofluoromethane (S)	100	%	70-130		1		12/14/20 16:24	1868-53-7	
Toluene-d8 (S)	97	%	70-130		1		12/14/20 16:24	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 60646104 KEP
Pace Project No.: 40219623

QC Batch:	373770	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: 40219623001, 40219623002, 40219623003, 40219623004, 40219623005, 40219623006, 40219623007, 40219623008, 40219623009, 40219623010, 40219623011, 40219623012, 40219623013, 40219623014, 40219623015

METHOD BLANK: 2160154 Matrix: Water
Associated Lab Samples: 40219623001, 40219623002, 40219623003, 40219623004, 40219623005, 40219623006, 40219623007, 40219623008, 40219623009, 40219623010, 40219623011, 40219623012, 40219623013, 40219623014, 40219623015

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Ethane	ug/L	<1.2	5.6	12/15/20 09:31	
Ethene	ug/L	<1.2	5.0	12/15/20 09:31	
Methane	ug/L	1.1J	2.8	12/15/20 09:31	

LABORATORY CONTROL SAMPLE & LCSD: 2160155 2160156

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Ethane	ug/L	53.6	59.4	59.1	111	110	80-120	0	20	
Ethene	ug/L	50	54.3	53.5	109	107	80-120	1	20	
Methane	ug/L	28.6	32.0	31.8	112	111	79-120	1	20	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2160409 2160410

Parameter	Units	MS		MSD		MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		40219623005 Result	Spike Conc.	Spike Conc.	MS Result						
Ethane	ug/L	<1.2	53.6	53.6	57.9	59.0	108	110	79-120	2	20
Ethene	ug/L	<1.2	50	50	52.6	53.6	105	107	79-120	2	20
Methane	ug/L	8.6	28.6	28.6	35.7	36.3	95	97	10-200	2	20

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 60646104 KEP
Pace Project No.: 40219623

QC Batch:	373536	Analysis Method:	EPA 6020
QC Batch Method:	EPA 3010	Analysis Description:	6020 MET
		Laboratory:	Pace Analytical Services - Green Bay

Associated Lab Samples: 40219623001, 40219623002, 40219623003, 40219623004, 40219623005, 40219623006, 40219623007, 40219623008, 40219623009, 40219623010, 40219623011, 40219623012, 40219623013, 40219623014, 40219623015

METHOD BLANK: 2158794 Matrix: Water
Associated Lab Samples: 40219623001, 40219623002, 40219623003, 40219623004, 40219623005, 40219623006, 40219623007, 40219623008, 40219623009, 40219623010, 40219623011, 40219623012, 40219623013, 40219623014, 40219623015

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Iron	mg/L	0.079J	0.25	12/15/20 00:31	
Manganese	mg/L	<0.0012	0.0040	12/15/20 00:31	

LABORATORY CONTROL SAMPLE: 2158795

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Iron	mg/L	5	5.2	105	80-120	
Manganese	mg/L	0.5	0.48	97	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2158796 2158797

Parameter	Units	40219623001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Iron	mg/L	0.31	5	5	5.7	5.7	108	108	75-125	0	20	
Manganese	mg/L	0.20	0.5	0.5	0.67	0.67	94	94	75-125	0	20	

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

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 60646104 KEP

Pace Project No.: 40219623

QC Batch: 373877	Analysis Method: EPA 6020
QC Batch Method: EPA 3010	Analysis Description: 6020 MET
	Laboratory: Pace Analytical Services - Green Bay

Associated Lab Samples: 40219623012

METHOD BLANK: 2160780 Matrix: Water

Associated Lab Samples: 40219623012

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Iron	mg/L	<0.058	0.25	12/17/20 02:24	

LABORATORY CONTROL SAMPLE: 2160781

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Iron	mg/L	5	5.5	110	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2160782 2160783

Parameter	Units	2160782		2160783		MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		40219623012 Result	MS Spike Conc.	MSD Spike Conc.	MS Result						
Iron	mg/L	0.47	5	5	6.0	5.9	110	108	75-125	2	20

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 60646104 KEP
Pace Project No.: 40219623

QC Batch: 373878 Analysis Method: EPA 6020
QC Batch Method: EPA 3010 Analysis Description: 6020 MET Dissolved
Laboratory: Pace Analytical Services - Green Bay

Associated Lab Samples: 40219623005, 40219623008, 40219623010, 40219623011

METHOD BLANK: 2160784 Matrix: Water
Associated Lab Samples: 40219623005, 40219623008, 40219623010, 40219623011

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Iron, Dissolved	mg/L	<0.058	0.25	12/17/20 03:25	

LABORATORY CONTROL SAMPLE: 2160785

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Iron, Dissolved	mg/L	5	5.4	107	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2160786 2160787

Parameter	Units	2160786		2160787		MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		40219623005 Result	MS Spike Conc.	MSD Spike Conc.	MS Result						
Iron, Dissolved	mg/L	0.68	5	5	6.1	6.0	108	107	75-125	1	20

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QUALITY CONTROL DATA

Project: 60646104 KEP
Pace Project No.: 40219623

QC Batch: 373534 Analysis Method: EPA 8260
QC Batch Method: EPA 8260 Analysis Description: 8260 MSV
Laboratory: Pace Analytical Services - Green Bay
Associated Lab Samples: 40219623001, 40219623002, 40219623003, 40219623004

METHOD BLANK: 2158790 Matrix: Water
Associated Lab Samples: 40219623001, 40219623002, 40219623003, 40219623004

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	<0.27	1.0	12/11/20 07:12	
1,1,1-Trichloroethane	ug/L	<0.24	1.0	12/11/20 07:12	
1,1,2,2-Tetrachloroethane	ug/L	<0.28	1.0	12/11/20 07:12	
1,1,2-Trichloroethane	ug/L	<0.55	5.0	12/11/20 07:12	
1,1-Dichloroethane	ug/L	<0.27	1.0	12/11/20 07:12	
1,1-Dichloroethene	ug/L	<0.24	1.0	12/11/20 07:12	
1,1-Dichloropropene	ug/L	<0.54	1.8	12/11/20 07:12	
1,2,3-Trichlorobenzene	ug/L	<2.2	7.4	12/11/20 07:12	
1,2,3-Trichloropropane	ug/L	<0.59	5.0	12/11/20 07:12	
1,2,4-Trichlorobenzene	ug/L	<0.95	5.0	12/11/20 07:12	
1,2,4-Trimethylbenzene	ug/L	<0.84	2.8	12/11/20 07:12	
1,2-Dibromo-3-chloropropane	ug/L	<1.8	5.9	12/11/20 07:12	
1,2-Dibromoethane (EDB)	ug/L	<0.83	2.8	12/11/20 07:12	
1,2-Dichlorobenzene	ug/L	<0.71	2.4	12/11/20 07:12	
1,2-Dichloroethane	ug/L	<0.28	1.0	12/11/20 07:12	
1,2-Dichloropropane	ug/L	<0.28	1.0	12/11/20 07:12	
1,3,5-Trimethylbenzene	ug/L	<0.87	2.9	12/11/20 07:12	
1,3-Dichlorobenzene	ug/L	<0.63	2.1	12/11/20 07:12	
1,3-Dichloropropane	ug/L	<0.83	2.8	12/11/20 07:12	
1,4-Dichlorobenzene	ug/L	<0.94	3.1	12/11/20 07:12	
2,2-Dichloropropane	ug/L	<2.3	7.6	12/11/20 07:12	
2-Chlorotoluene	ug/L	<0.93	5.0	12/11/20 07:12	
4-Chlorotoluene	ug/L	<0.76	2.5	12/11/20 07:12	
Benzene	ug/L	<0.25	1.0	12/11/20 07:12	
Bromobenzene	ug/L	<0.24	1.0	12/11/20 07:12	
Bromochloromethane	ug/L	<0.36	5.0	12/11/20 07:12	
Bromodichloromethane	ug/L	<0.36	1.2	12/11/20 07:12	
Bromoform	ug/L	<4.0	13.2	12/11/20 07:12	
Bromomethane	ug/L	<0.97	5.0	12/11/20 07:12	
Carbon tetrachloride	ug/L	<1.1	3.6	12/11/20 07:12	
Chlorobenzene	ug/L	<0.71	2.4	12/11/20 07:12	
Chloroethane	ug/L	<1.3	5.0	12/11/20 07:12	
Chloroform	ug/L	<1.3	5.0	12/11/20 07:12	
Chloromethane	ug/L	<2.2	7.3	12/11/20 07:12	
cis-1,2-Dichloroethene	ug/L	<0.27	1.0	12/11/20 07:12	
cis-1,3-Dichloropropene	ug/L	<3.6	12.1	12/11/20 07:12	
Dibromochloromethane	ug/L	<2.6	8.7	12/11/20 07:12	
Dibromomethane	ug/L	<0.94	3.1	12/11/20 07:12	
Dichlorodifluoromethane	ug/L	<0.50	5.0	12/11/20 07:12	
Diisopropyl ether	ug/L	<1.9	6.3	12/11/20 07:12	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 60646104 KEP

Pace Project No.: 40219623

METHOD BLANK: 2158790

Matrix: Water

Associated Lab Samples: 40219623001, 40219623002, 40219623003, 40219623004

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Ethylbenzene	ug/L	<0.32	1.1	12/11/20 07:12	
Hexachloro-1,3-butadiene	ug/L	<1.5	4.9	12/11/20 07:12	
Isopropylbenzene (Cumene)	ug/L	<1.7	5.6	12/11/20 07:12	
Methyl-tert-butyl ether	ug/L	<1.2	4.2	12/11/20 07:12	
Methylene Chloride	ug/L	<0.58	5.0	12/11/20 07:12	
n-Butylbenzene	ug/L	<0.71	2.4	12/11/20 07:12	
n-Propylbenzene	ug/L	<0.81	5.0	12/11/20 07:12	
Naphthalene	ug/L	<1.2	5.0	12/11/20 07:12	
p-Isopropyltoluene	ug/L	<0.80	2.7	12/11/20 07:12	
sec-Butylbenzene	ug/L	<0.85	5.0	12/11/20 07:12	
Styrene	ug/L	<3.0	10.0	12/11/20 07:12	
tert-Butylbenzene	ug/L	<0.30	1.0	12/11/20 07:12	
Tetrachloroethene	ug/L	<0.33	1.1	12/11/20 07:12	
Toluene	ug/L	<0.27	1.0	12/11/20 07:12	
trans-1,2-Dichloroethene	ug/L	<0.46	1.5	12/11/20 07:12	
trans-1,3-Dichloropropene	ug/L	<4.4	14.6	12/11/20 07:12	
Trichloroethene	ug/L	<0.26	1.0	12/11/20 07:12	
Trichlorofluoromethane	ug/L	<0.21	1.0	12/11/20 07:12	
Vinyl chloride	ug/L	<0.17	1.0	12/11/20 07:12	
Xylene (Total)	ug/L	<1.5	3.0	12/11/20 07:12	
4-Bromofluorobenzene (S)	%	98	70-130	12/11/20 07:12	
Dibromofluoromethane (S)	%	104	70-130	12/11/20 07:12	
Toluene-d8 (S)	%	98	70-130	12/11/20 07:12	

LABORATORY CONTROL SAMPLE: 2158791

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/L	50	50.3	101	70-130	
1,1,2,2-Tetrachloroethane	ug/L	50	45.6	91	64-131	
1,1,2-Trichloroethane	ug/L	50	49.1	98	70-130	
1,1-Dichloroethane	ug/L	50	49.7	99	69-163	
1,1-Dichloroethene	ug/L	50	55.4	111	77-123	
1,2,4-Trichlorobenzene	ug/L	50	48.8	98	68-130	
1,2-Dibromo-3-chloropropane	ug/L	50	36.2	72	63-130	
1,2-Dibromoethane (EDB)	ug/L	50	49.5	99	70-130	
1,2-Dichlorobenzene	ug/L	50	50.1	100	70-130	
1,2-Dichloroethane	ug/L	50	54.0	108	78-142	
1,2-Dichloropropane	ug/L	50	51.7	103	86-134	
1,3-Dichlorobenzene	ug/L	50	51.0	102	70-130	
1,4-Dichlorobenzene	ug/L	50	50.7	101	70-130	
Benzene	ug/L	50	50.5	101	70-130	
Bromodichloromethane	ug/L	50	49.6	99	70-130	
Bromoform	ug/L	50	40.6	81	70-130	
Bromomethane	ug/L	50	53.7	107	39-129	

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QUALITY CONTROL DATA

Project: 60646104 KEP
Pace Project No.: 40219623

LABORATORY CONTROL SAMPLE: 2158791

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Carbon tetrachloride	ug/L	50	46.1	92	70-132	
Chlorobenzene	ug/L	50	52.1	104	70-130	
Chloroethane	ug/L	50	53.7	107	66-140	
Chloroform	ug/L	50	51.6	103	75-132	
Chloromethane	ug/L	50	45.5	91	32-143	
cis-1,2-Dichloroethene	ug/L	50	51.0	102	70-130	
cis-1,3-Dichloropropene	ug/L	50	46.6	93	70-130	
Dibromochloromethane	ug/L	50	47.2	94	70-130	
Dichlorodifluoromethane	ug/L	50	42.8	86	10-141	
Ethylbenzene	ug/L	50	51.4	103	80-120	
Isopropylbenzene (Cumene)	ug/L	50	52.0	104	70-130	
Methyl-tert-butyl ether	ug/L	50	47.8	96	61-129	
Methylene Chloride	ug/L	50	54.0	108	70-130	
Styrene	ug/L	50	51.6	103	70-130	
Tetrachloroethene	ug/L	50	50.8	102	70-130	
Toluene	ug/L	50	50.5	101	80-120	
trans-1,2-Dichloroethene	ug/L	50	56.2	112	70-130	
trans-1,3-Dichloropropene	ug/L	50	42.2	84	69-130	
Trichloroethene	ug/L	50	54.0	108	70-130	
Trichlorofluoromethane	ug/L	50	61.2	122	75-145	
Vinyl chloride	ug/L	50	52.3	105	51-140	
Xylene (Total)	ug/L	150	154	103	70-130	
4-Bromofluorobenzene (S)	%			98	70-130	
Dibromofluoromethane (S)	%			105	70-130	
Toluene-d8 (S)	%			98	70-130	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2158819 2158820

Parameter	Units	MS		MSD		MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	Max RPD	Qual
		40219600002	Spike Conc.	Spike Conc.	Result							
1,1,1-Trichloroethane	ug/L	<0.24	50	50	50.3	51.6	101	103	70-130	2	20	
1,1,2,2-Tetrachloroethane	ug/L	<0.28	50	50	46.1	48.6	92	97	64-137	5	20	
1,1,2-Trichloroethane	ug/L	<0.55	50	50	48.8	50.8	98	102	70-137	4	20	
1,1-Dichloroethane	ug/L	<0.27	50	50	48.3	49.3	97	99	69-163	2	20	
1,1-Dichloroethene	ug/L	<0.24	50	50	54.7	56.1	109	112	77-129	3	20	
1,2,4-Trichlorobenzene	ug/L	<0.95	50	50	50.4	51.9	101	104	68-130	3	20	
1,2-Dibromo-3-chloropropane	ug/L	<1.8	50	50	37.5	40.3	75	81	60-130	7	20	
1,2-Dibromoethane (EDB)	ug/L	<0.83	50	50	50.4	52.0	101	104	70-130	3	20	
1,2-Dichlorobenzene	ug/L	<0.71	50	50	50.4	51.3	101	103	70-130	2	20	
1,2-Dichloroethane	ug/L	<0.28	50	50	53.8	55.4	108	111	78-145	3	20	
1,2-Dichloropropane	ug/L	<0.28	50	50	51.3	52.4	103	105	86-135	2	20	
1,3-Dichlorobenzene	ug/L	<0.63	50	50	51.1	52.0	102	104	70-130	2	20	
1,4-Dichlorobenzene	ug/L	<0.94	50	50	50.8	51.8	102	104	70-130	2	20	
Benzene	ug/L	<0.25	50	50	49.9	50.7	100	101	70-136	2	20	

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QUALITY CONTROL DATA

Project: 60646104 KEP
Pace Project No.: 40219623

Parameter	Units	2158819		2158820		MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		4021960002 Result	MS Spike Conc.	MSD Spike Conc.	MS Result								
Bromodichloromethane	ug/L	<0.36	50	50	49.7	51.2	99	102	70-130	3	20		
Bromoform	ug/L	<4.0	50	50	42.2	44.6	84	89	69-130	6	20		
Bromomethane	ug/L	<0.97	50	50	59.1	56.6	118	113	39-138	4	20		
Carbon tetrachloride	ug/L	<1.1	50	50	46.8	47.7	94	95	70-142	2	20		
Chlorobenzene	ug/L	<0.71	50	50	51.7	53.3	103	107	70-130	3	20		
Chloroethane	ug/L	<1.3	50	50	51.8	52.8	104	106	61-149	2	20		
Chloroform	ug/L	<1.3	50	50	51.1	52.1	102	104	75-133	2	20		
Chloromethane	ug/L	<2.2	50	50	43.6	45.1	87	90	32-143	3	20		
cis-1,2-Dichloroethene	ug/L	<0.27	50	50	50.2	51.4	100	103	70-130	2	20		
cis-1,3-Dichloropropene	ug/L	<3.6	50	50	46.4	48.1	93	96	70-130	4	20		
Dibromochloromethane	ug/L	<2.6	50	50	48.5	50.5	97	101	70-130	4	20		
Dichlorodifluoromethane	ug/L	<0.50	50	50	40.6	40.7	81	81	10-141	0	20		
Ethylbenzene	ug/L	<0.32	50	50	51.2	52.6	102	105	80-120	3	20		
Isopropylbenzene (Cumene)	ug/L	<1.7	50	50	51.9	53.2	104	106	70-130	2	20		
Methyl-tert-butyl ether	ug/L	<1.2	50	50	48.0	50.0	96	100	61-136	4	20		
Methylene Chloride	ug/L	<0.58	50	50	53.3	53.7	107	107	68-137	1	20		
Styrene	ug/L	<3.0	50	50	51.3	51.6	103	103	70-130	1	20		
Tetrachloroethene	ug/L	<0.33	50	50	50.9	52.1	102	104	70-130	2	20		
Toluene	ug/L	<0.27	50	50	50.1	51.2	100	102	80-120	2	20		
trans-1,2-Dichloroethene	ug/L	<0.46	50	50	55.4	57.1	111	114	70-130	3	20		
trans-1,3-Dichloropropene	ug/L	<4.4	50	50	42.8	44.6	86	89	69-130	4	20		
Trichloroethene	ug/L	<0.26	50	50	53.8	55.1	108	110	70-130	2	20		
Trichlorofluoromethane	ug/L	<0.21	50	50	60.5	61.9	121	124	74-157	2	20		
Vinyl chloride	ug/L	<0.17	50	50	50.8	51.2	102	102	51-140	1	20		
Xylene (Total)	ug/L	<1.5	150	150	153	157	102	105	70-130	3	20		
4-Bromofluorobenzene (S)	%						98	97	70-130				
Dibromofluoromethane (S)	%						105	103	70-130				
Toluene-d8 (S)	%						98	98	70-130				

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QUALITY CONTROL DATA

Project: 60646104 KEP
Pace Project No.: 40219623

METHOD BLANK: 2158917

Matrix: Water

Associated Lab Samples: 40219623005, 40219623006, 40219623007, 40219623008, 40219623009, 40219623010, 40219623011, 40219623012, 40219623013, 40219623014, 40219623015, 40219623016, 40219623017, 40219623018

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Diisopropyl ether	ug/L	<1.9	6.3	12/14/20 06:48	
Ethylbenzene	ug/L	<0.32	1.1	12/14/20 06:48	
Hexachloro-1,3-butadiene	ug/L	<1.5	4.9	12/14/20 06:48	
Isopropylbenzene (Cumene)	ug/L	<1.7	5.6	12/14/20 06:48	
Methyl-tert-butyl ether	ug/L	<1.2	4.2	12/14/20 06:48	
Methylene Chloride	ug/L	<0.58	5.0	12/14/20 06:48	
n-Butylbenzene	ug/L	<0.71	2.4	12/14/20 06:48	
n-Propylbenzene	ug/L	<0.81	5.0	12/14/20 06:48	
Naphthalene	ug/L	<1.2	5.0	12/14/20 06:48	
p-Isopropyltoluene	ug/L	<0.80	2.7	12/14/20 06:48	
sec-Butylbenzene	ug/L	<0.85	5.0	12/14/20 06:48	
Styrene	ug/L	<3.0	10.0	12/14/20 06:48	
tert-Butylbenzene	ug/L	<0.30	1.0	12/14/20 06:48	
Tetrachloroethene	ug/L	<0.33	1.1	12/14/20 06:48	
Toluene	ug/L	<0.27	1.0	12/14/20 06:48	
trans-1,2-Dichloroethene	ug/L	<0.46	1.5	12/14/20 06:48	
trans-1,3-Dichloropropene	ug/L	<4.4	14.6	12/14/20 06:48	
Trichloroethene	ug/L	<0.26	1.0	12/14/20 06:48	
Trichlorofluoromethane	ug/L	<0.21	1.0	12/14/20 06:48	
Vinyl chloride	ug/L	<0.17	1.0	12/14/20 06:48	
Xylene (Total)	ug/L	<1.5	3.0	12/14/20 06:48	
4-Bromofluorobenzene (S)	%	92	70-130	12/14/20 06:48	
Dibromofluoromethane (S)	%	99	70-130	12/14/20 06:48	
Toluene-d8 (S)	%	99	70-130	12/14/20 06:48	

LABORATORY CONTROL SAMPLE: 2158918

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/L	50	52.9	106	70-130	
1,1,2,2-Tetrachloroethane	ug/L	50	52.6	105	64-131	
1,1,2-Trichloroethane	ug/L	50	48.6	97	70-130	
1,1-Dichloroethane	ug/L	50	50.2	100	69-163	
1,1-Dichloroethene	ug/L	50	52.2	104	77-123	
1,2,4-Trichlorobenzene	ug/L	50	48.3	97	68-130	
1,2-Dibromo-3-chloropropane	ug/L	50	48.1	96	63-130	
1,2-Dibromoethane (EDB)	ug/L	50	47.7	95	70-130	
1,2-Dichlorobenzene	ug/L	50	49.9	100	70-130	
1,2-Dichloroethane	ug/L	50	51.0	102	78-142	
1,2-Dichloropropane	ug/L	50	51.4	103	86-134	
1,3-Dichlorobenzene	ug/L	50	49.3	99	70-130	
1,4-Dichlorobenzene	ug/L	50	47.9	96	70-130	
Benzene	ug/L	50	49.8	100	70-130	
Bromodichloromethane	ug/L	50	51.3	103	70-130	

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QUALITY CONTROL DATA

Project: 60646104 KEP
Pace Project No.: 40219623

LABORATORY CONTROL SAMPLE: 2158918

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Bromoform	ug/L	50	46.4	93	70-130	
Bromomethane	ug/L	50	41.2	82	39-129	
Carbon tetrachloride	ug/L	50	47.6	95	70-132	
Chlorobenzene	ug/L	50	50.9	102	70-130	
Chloroethane	ug/L	50	55.7	111	66-140	
Chloroform	ug/L	50	50.2	100	75-132	
Chloromethane	ug/L	50	53.4	107	32-143	
cis-1,2-Dichloroethene	ug/L	50	47.0	94	70-130	
cis-1,3-Dichloropropene	ug/L	50	52.8	106	70-130	
Dibromochloromethane	ug/L	50	45.3	91	70-130	
Dichlorodifluoromethane	ug/L	50	51.4	103	10-141	
Ethylbenzene	ug/L	50	54.4	109	80-120	
Isopropylbenzene (Cumene)	ug/L	50	55.8	112	70-130	
Methyl-tert-butyl ether	ug/L	50	49.6	99	61-129	
Methylene Chloride	ug/L	50	49.7	99	70-130	
Styrene	ug/L	50	55.6	111	70-130	
Tetrachloroethene	ug/L	50	48.1	96	70-130	
Toluene	ug/L	50	51.4	103	80-120	
trans-1,2-Dichloroethene	ug/L	50	51.5	103	70-130	
trans-1,3-Dichloropropene	ug/L	50	51.8	104	69-130	
Trichloroethene	ug/L	50	50.6	101	70-130	
Trichlorofluoromethane	ug/L	50	56.7	113	75-145	
Vinyl chloride	ug/L	50	56.8	114	51-140	
Xylene (Total)	ug/L	150	161	107	70-130	
4-Bromofluorobenzene (S)	%			105	70-130	
Dibromofluoromethane (S)	%			97	70-130	
Toluene-d8 (S)	%			97	70-130	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 60646104 KEP
Pace Project No.: 40219623

QC Batch:	373495	Analysis Method:	SM 4500-S F (2000)
QC Batch Method:	SM 4500-S F (2000)	Analysis Description:	4500S2F Sulfide, Iodometric
		Laboratory:	Pace Analytical Services - Green Bay

Associated Lab Samples: 40219623001, 40219623002, 40219623003, 40219623004, 40219623005, 40219623006, 40219623007, 40219623008, 40219623009, 40219623010, 40219623011, 40219623012, 40219623013, 40219623014, 40219623015

METHOD BLANK: 2158499 Matrix: Water

Associated Lab Samples: 40219623001, 40219623002, 40219623003, 40219623004, 40219623005, 40219623006, 40219623007, 40219623008, 40219623009, 40219623010, 40219623011, 40219623012, 40219623013, 40219623014, 40219623015

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Sulfide	mg/L	<1.2	4.0	12/10/20 16:31	

LABORATORY CONTROL SAMPLE: 2158500

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Sulfide	mg/L	48.8	44.8	92	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2158501 2158502

Parameter	Units	40219623001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Sulfide	mg/L	<1.2	48.8	48.8	44.0	45.6	90	93	80-120	4	10	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 60646104 KEP

Pace Project No.: 40219623

QC Batch:	373591	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: 40219623001, 40219623002, 40219623003, 40219623004, 40219623005, 40219623006, 40219623007, 40219623008, 40219623009, 40219623010, 40219623011, 40219623012, 40219623013, 40219623014, 40219623015

METHOD BLANK: 2159061 Matrix: Water

Associated Lab Samples: 40219623001, 40219623002, 40219623003, 40219623004, 40219623005, 40219623006, 40219623007, 40219623008, 40219623009, 40219623010, 40219623011, 40219623012, 40219623013, 40219623014, 40219623015

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Chloride	mg/L	<0.43	2.0	12/14/20 18:47	
Sulfate	mg/L	<0.44	2.0	12/14/20 18:47	

LABORATORY CONTROL SAMPLE: 2159062

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Chloride	mg/L	20	20.3	101	90-110	
Sulfate	mg/L	20	20.5	103	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2159063 2159064

Parameter	Units	40219568004 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Chloride	mg/L	139	200	200	350	349	106	105	90-110	0	15	
Sulfate	mg/L	50.9	200	200	263	261	106	105	90-110	1	15	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2159065 2159066

Parameter	Units	40219336002 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Chloride	mg/L	3460	2000	2000	5670	5620	110	108	90-110	1	15	
Sulfate	mg/L	<44.4	2000	2000	2120	2110	105	104	90-110	0	15	

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QUALITY CONTROL DATA

Project: 60646104 KEP
Pace Project No.: 40219623

QC Batch:	373866	Analysis Method:	EPA 310.2
QC Batch Method:	EPA 310.2	Analysis Description:	310.2 Alkalinity
		Laboratory:	Pace Analytical Services - Green Bay

Associated Lab Samples: 40219623001, 40219623002, 40219623003, 40219623004, 40219623005, 40219623006, 40219623007, 40219623008, 40219623009, 40219623010, 40219623011, 40219623012, 40219623013, 40219623014

METHOD BLANK: 2160726 Matrix: Water
Associated Lab Samples: 40219623001, 40219623002, 40219623003, 40219623004, 40219623005, 40219623006, 40219623007, 40219623008, 40219623009, 40219623010, 40219623011, 40219623012, 40219623013, 40219623014

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Alkalinity, Total as CaCO3	mg/L	<7.4	24.8	12/16/20 11:48	

LABORATORY CONTROL SAMPLE: 2160727

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Alkalinity, Total as CaCO3	mg/L	100	107	107	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2160728 2160729

Parameter	Units	40219623004 Result	MS		MSD		MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
			Spike Conc.	MS Result	MSD Result							
Alkalinity, Total as CaCO3	mg/L	338	200	494	492	78	77	90-110	1	20	M0	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2160730 2160731

Parameter	Units	40219623014 Result	MS		MSD		MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
			Spike Conc.	MS Result	MSD Result							
Alkalinity, Total as CaCO3	mg/L	354	200	485	476	65	61	90-110	2	20	M0	

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QUALITY CONTROL DATA

Project: 60646104 KEP
Pace Project No.: 40219623

QC Batch: 373867	Analysis Method: EPA 310.2
QC Batch Method: EPA 310.2	Analysis Description: 310.2 Alkalinity
	Laboratory: Pace Analytical Services - Green Bay

Associated Lab Samples: 40219623015

METHOD BLANK: 2160732 Matrix: Water
Associated Lab Samples: 40219623015

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Alkalinity, Total as CaCO3	mg/L	<7.4	24.8	12/16/20 12:23	

LABORATORY CONTROL SAMPLE: 2160733

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Alkalinity, Total as CaCO3	mg/L	100	106	106	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2160734 2160735

Parameter	Units	40219790009		2160734		2160735		% Rec Limits	RPD	Max RPD	Qual		
		MS Result	MSD Spike Conc.	MS Result	MSD Spike Conc.	MS % Rec	MSD % Rec						
Alkalinity, Total as CaCO3	mg/L	452	200	200	200	602	603	75	76	90-110	0	20	M0

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2160736 2160737

Parameter	Units	40219790019		2160736		2160737		% Rec Limits	RPD	Max RPD	Qual		
		MS Result	MSD Spike Conc.	MS Result	MSD Spike Conc.	MS % Rec	MSD % Rec						
Alkalinity, Total as CaCO3	mg/L	1150	500	500	500	1580	1580	87	86	90-110	0	20	M0

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QUALITY CONTROL DATA

Project: 60646104 KEP
Pace Project No.: 40219623

QC Batch:	373516	Analysis Method:	SM 5310C
QC Batch Method:	SM 5310C	Analysis Description:	5310C Total Organic Carbon
		Laboratory:	Pace Analytical Services - Green Bay

Associated Lab Samples: 40219623001, 40219623002, 40219623003, 40219623004, 40219623005, 40219623006, 40219623007, 40219623008, 40219623009, 40219623010, 40219623011, 40219623012, 40219623013, 40219623014, 40219623015

METHOD BLANK: 2158709 Matrix: Water

Associated Lab Samples: 40219623001, 40219623002, 40219623003, 40219623004, 40219623005, 40219623006, 40219623007, 40219623008, 40219623009, 40219623010, 40219623011, 40219623012, 40219623013, 40219623014, 40219623015

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Total Organic Carbon	mg/L	<0.14	0.50	12/14/20 16:43	

LABORATORY CONTROL SAMPLE: 2158710

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Total Organic Carbon	mg/L	12.5	12.9	103	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2158711 2158712

Parameter	Units	40219623001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Total Organic Carbon	mg/L	6.9	36	36	44.2	43.9	104	103	80-120	1	10	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2158713 2158714

Parameter	Units	40219623002 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Total Organic Carbon	mg/L	2.8	12	12	15.7	15.7	108	108	80-120	0	10	

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QUALIFIERS

Project: 60646104 KEP

Pace Project No.: 40219623

DEFINITIONS

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

ND - Not Detected at or above LOD.

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

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

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

S - Surrogate

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

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

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

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

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

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

TNI - The NELAC Institute.

ANALYTE QUALIFIERS

- | | |
|----|--|
| 1q | Sample was received with headspace. |
| B | Analyte was detected in the associated method blank. |
| CR | The dissolved metal result was greater than the total metal result for this element. Results were confirmed by reanalysis. |
| D9 | Dissolved result is greater than the total. Data is within laboratory control limits. |
| M0 | Matrix spike recovery and/or matrix spike duplicate recovery was outside laboratory control limits. |
| R1 | RPD value was outside control limits. |

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 60646104 KEP
Pace Project No.: 40219623

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
40219623001	MW-70R	EPA 8015B Modified	373770		
40219623002	MW-69R	EPA 8015B Modified	373770		
40219623003	PZ-69R	EPA 8015B Modified	373770		
40219623004	PZ-2203	EPA 8015B Modified	373770		
40219623005	MW-2203	EPA 8015B Modified	373770		
40219623006	PZ-2202	EPA 8015B Modified	373770		
40219623007	MW-2202	EPA 8015B Modified	373770		
40219623008	PZ-2302	EPA 8015B Modified	373770		
40219623009	MW-2302	EPA 8015B Modified	373770		
40219623010	PZ-2301	EPA 8015B Modified	373770		
40219623011	MW-2301	EPA 8015B Modified	373770		
40219623012	MW-71R	EPA 8015B Modified	373770		
40219623013	PZ-2303	EPA 8015B Modified	373770		
40219623014	MW-2303	EPA 8015B Modified	373770		
40219623015	PZ-2110	EPA 8015B Modified	373770		
40219623001	MW-70R	EPA 3010	373536	EPA 6020	373603
40219623002	MW-69R	EPA 3010	373536	EPA 6020	373603
40219623003	PZ-69R	EPA 3010	373536	EPA 6020	373603
40219623004	PZ-2203	EPA 3010	373536	EPA 6020	373603
40219623005	MW-2203	EPA 3010	373536	EPA 6020	373603
40219623006	PZ-2202	EPA 3010	373536	EPA 6020	373603
40219623007	MW-2202	EPA 3010	373536	EPA 6020	373603
40219623008	PZ-2302	EPA 3010	373536	EPA 6020	373603
40219623009	MW-2302	EPA 3010	373536	EPA 6020	373603
40219623010	PZ-2301	EPA 3010	373536	EPA 6020	373603
40219623011	MW-2301	EPA 3010	373536	EPA 6020	373603
40219623012	MW-71R	EPA 3010	373536	EPA 6020	373603
40219623012	MW-71R	EPA 3010	373877	EPA 6020	373956
40219623013	PZ-2303	EPA 3010	373536	EPA 6020	373603
40219623014	MW-2303	EPA 3010	373536	EPA 6020	373603
40219623015	PZ-2110	EPA 3010	373536	EPA 6020	373603
40219623001	MW-70R	EPA 3010	373538	EPA 6020	373604
40219623002	MW-69R	EPA 3010	373538	EPA 6020	373604
40219623003	PZ-69R	EPA 3010	373538	EPA 6020	373604
40219623004	PZ-2203	EPA 3010	373538	EPA 6020	373604
40219623005	MW-2203	EPA 3010	373538	EPA 6020	373604
40219623005	MW-2203	EPA 3010	373878	EPA 6020	373957
40219623006	PZ-2202	EPA 3010	373538	EPA 6020	373604
40219623007	MW-2202	EPA 3010	373538	EPA 6020	373604
40219623008	PZ-2302	EPA 3010	373538	EPA 6020	373604
40219623008	PZ-2302	EPA 3010	373878	EPA 6020	373957
40219623009	MW-2302	EPA 3010	373538	EPA 6020	373604
40219623010	PZ-2301	EPA 3010	373538	EPA 6020	373604
40219623010	PZ-2301	EPA 3010	373878	EPA 6020	373957

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 60646104 KEP
Pace Project No.: 40219623

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
40219623011	MW-2301	EPA 3010	373538	EPA 6020	373604
40219623011	MW-2301	EPA 3010	373878	EPA 6020	373957
40219623012	MW-71R	EPA 3010	373538	EPA 6020	373604
40219623013	PZ-2303	EPA 3010	373538	EPA 6020	373604
40219623014	MW-2303	EPA 3010	373538	EPA 6020	373604
40219623015	PZ-2110	EPA 3010	373538	EPA 6020	373604
40219623001	MW-70R	EPA 8260	373534		
40219623002	MW-69R	EPA 8260	373534		
40219623003	PZ-69R	EPA 8260	373534		
40219623004	PZ-2203	EPA 8260	373534		
40219623005	MW-2203	EPA 8260	373563		
40219623006	PZ-2202	EPA 8260	373563		
40219623007	MW-2202	EPA 8260	373563		
40219623008	PZ-2302	EPA 8260	373563		
40219623009	MW-2302	EPA 8260	373563		
40219623010	PZ-2301	EPA 8260	373563		
40219623011	MW-2301	EPA 8260	373563		
40219623012	MW-71R	EPA 8260	373563		
40219623013	PZ-2303	EPA 8260	373563		
40219623014	MW-2303	EPA 8260	373563		
40219623015	PZ-2110	EPA 8260	373563		
40219623016	TRIP BLANK	EPA 8260	373563		
40219623017	TB-2	EPA 8260	373563		
40219623018	TB-3	EPA 8260	373563		
40219623001	MW-70R	SM 4500-S F (2000)	373495		
40219623002	MW-69R	SM 4500-S F (2000)	373495		
40219623003	PZ-69R	SM 4500-S F (2000)	373495		
40219623004	PZ-2203	SM 4500-S F (2000)	373495		
40219623005	MW-2203	SM 4500-S F (2000)	373495		
40219623006	PZ-2202	SM 4500-S F (2000)	373495		
40219623007	MW-2202	SM 4500-S F (2000)	373495		
40219623008	PZ-2302	SM 4500-S F (2000)	373495		
40219623009	MW-2302	SM 4500-S F (2000)	373495		
40219623010	PZ-2301	SM 4500-S F (2000)	373495		
40219623011	MW-2301	SM 4500-S F (2000)	373495		
40219623012	MW-71R	SM 4500-S F (2000)	373495		
40219623013	PZ-2303	SM 4500-S F (2000)	373495		
40219623014	MW-2303	SM 4500-S F (2000)	373495		
40219623015	PZ-2110	SM 4500-S F (2000)	373495		
40219623001	MW-70R	EPA 300.0	373591		
40219623002	MW-69R	EPA 300.0	373591		
40219623003	PZ-69R	EPA 300.0	373591		
40219623004	PZ-2203	EPA 300.0	373591		
40219623005	MW-2203	EPA 300.0	373591		
40219623006	PZ-2202	EPA 300.0	373591		
40219623007	MW-2202	EPA 300.0	373591		

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 60646104 KEP
Pace Project No.: 40219623

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
40219623008	PZ-2302	EPA 300.0	373591		
40219623009	MW-2302	EPA 300.0	373591		
40219623010	PZ-2301	EPA 300.0	373591		
40219623011	MW-2301	EPA 300.0	373591		
40219623012	MW-71R	EPA 300.0	373591		
40219623013	PZ-2303	EPA 300.0	373591		
40219623014	MW-2303	EPA 300.0	373591		
40219623015	PZ-2110	EPA 300.0	373591		
40219623001	MW-70R	EPA 310.2	373866		
40219623002	MW-69R	EPA 310.2	373866		
40219623003	PZ-69R	EPA 310.2	373866		
40219623004	PZ-2203	EPA 310.2	373866		
40219623005	MW-2203	EPA 310.2	373866		
40219623006	PZ-2202	EPA 310.2	373866		
40219623007	MW-2202	EPA 310.2	373866		
40219623008	PZ-2302	EPA 310.2	373866		
40219623009	MW-2302	EPA 310.2	373866		
40219623010	PZ-2301	EPA 310.2	373866		
40219623011	MW-2301	EPA 310.2	373866		
40219623012	MW-71R	EPA 310.2	373866		
40219623013	PZ-2303	EPA 310.2	373866		
40219623014	MW-2303	EPA 310.2	373866		
40219623015	PZ-2110	EPA 310.2	373867		
40219623001	MW-70R	EPA 410.4	373995	EPA 410.4	374013
40219623002	MW-69R	EPA 410.4	373995	EPA 410.4	374013
40219623003	PZ-69R	EPA 410.4	373995	EPA 410.4	374013
40219623004	PZ-2203	EPA 410.4	373995	EPA 410.4	374013
40219623005	MW-2203	EPA 410.4	373995	EPA 410.4	374013
40219623006	PZ-2202	EPA 410.4	373995	EPA 410.4	374013
40219623007	MW-2202	EPA 410.4	373995	EPA 410.4	374013
40219623008	PZ-2302	EPA 410.4	373995	EPA 410.4	374013
40219623009	MW-2302	EPA 410.4	373995	EPA 410.4	374013
40219623010	PZ-2301	EPA 410.4	373995	EPA 410.4	374013
40219623011	MW-2301	EPA 410.4	373995	EPA 410.4	374013
40219623012	MW-71R	EPA 410.4	373995	EPA 410.4	374013
40219623013	PZ-2303	EPA 410.4	373995	EPA 410.4	374013
40219623014	MW-2303	EPA 410.4	373995	EPA 410.4	374013
40219623015	PZ-2110	EPA 410.4	373995	EPA 410.4	374013
40219623001	MW-70R	SM 5310C	373516		
40219623002	MW-69R	SM 5310C	373516		
40219623003	PZ-69R	SM 5310C	373516		
40219623004	PZ-2203	SM 5310C	373516		
40219623005	MW-2203	SM 5310C	373516		
40219623006	PZ-2202	SM 5310C	373516		
40219623007	MW-2202	SM 5310C	373516		
40219623008	PZ-2302	SM 5310C	373516		
40219623009	MW-2302	SM 5310C	373516		

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 60646104 KEP

Pace Project No.: 40219623

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
40219623010	PZ-2301	SM 5310C	373516		
40219623011	MW-2301	SM 5310C	373516		
40219623012	MW-71R	SM 5310C	373516		
40219623013	PZ-2303	SM 5310C	373516		
40219623014	MW-2303	SM 5310C	373516		
40219623015	PZ-2110	SM 5310C	373516		

REPORT OF LABORATORY ANALYSIS

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CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

4019423

Page: 2 of 2

Section A Required Client Information:	Section B Required Project Information:	Section C Invoice Information:
Company: AECOM - Milw	Report To: Lanette Altenbach	Attention: Accounts Payable/Finance Department
Address: 1555 N. River Center Dr., Suite 214	Copy To:	Company Name: City of Kenosha
Milwaukee, WI 53212		Address: 652 52nd St., Kenosha, WI 53140
Email To: Lanette.Altentbach@aecom.com	Purchase Order No.: 200476	Pace Quote Reference:
Phone: 414-577-1363 Fax:	Project Name: KEP	Pace Project Manager: Chris Hyska
Requested Due Date/TAT: Standard	Project Number: 60646104	Pace Profile #: (2430) Kenosha work


REGULATORY AGENCY	
<input type="checkbox"/> NPDES	<input checked="" type="checkbox"/> GROUND WATER <input type="checkbox"/> DRINKING WATER
<input type="checkbox"/> UST	<input type="checkbox"/> RCRA <input type="checkbox"/> OTHER
SITE	<input type="checkbox"/> GA <input type="checkbox"/> IL <input type="checkbox"/> IN <input type="checkbox"/> MI <input type="checkbox"/> NC
LOCATION	<input type="checkbox"/> OH <input type="checkbox"/> SC <input checked="" type="checkbox"/> WI <input type="checkbox"/> OTHER

ITEM #	Section D Required Client Information SAMPLE ID One Character per box. (A-Z, 0-9 / . -) Samples IDs MUST BE UNIQUE	Valid Matrix Codes MATRIX DRINKING WATER DW WATER WT WASTE WATER WW PRODUCT P SOIL/SOIL S OIL OL WIPE WP AIR AR OTHER OT TISSUE TS	MATRIX CODE	SAMPLE TYPE G=GRAB C=COMP	COLLECTED				SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives								Filtered (Y/N)	Requested An:	Pace Project Number Lab I.D.													
					COMPOSITE START		COMPOSITE END/GRAB				Unpreserved	H ₂ SO ₄	HNO ₃	HCl	NaOH	Na ₂ S ₂ O ₃	Methanol	Other				VOCs B2B0	TOC	Alkalinity, Cl, SO ₄	Methane, Ethane, Ethene	Total Metals	Dist. Metals	Sulfide	COD	Residual Chlorine (Y/N)				
					DATE	TIME	DATE	TIME																										
1	PZ-2302		WT	G			12/7/10	1220	12	1	2	2	6	1										X	X	X	X	X	X	X	X	X	0058	
2	MW-2302		WT					1320	12	1	2	2	6	1																				009
3	PZ-2301		WT					1435	12	1	2	2	6	1																				010
4	MW-2301		WT					1540	12	1	2	2	6	1																				011
5	MW-71R		WT					1630	12	1	2	2	6	1																				012
6	PZ-2303		WT				12/8/10	1030	12	1	2	2	6	1																				013
7	MW-2303		WT					1200	12	1	2	2	6	1																				014
8	PZ-2110		WT					1400	12	1	2	2	6	1																				015
9	Trip Blank		WT				12/8/10	1635	2																X								016	
10	TB-2		WT				12/8/10	1640	2																X								017	
11	TB-3		WT				12/8/10	1645	2																X								018	
12			WT																															

Additional Comments:
Total Metals: Fe, Mn
Dissolved Metals: Fe, Mn, Ba, Cr, Pb, Ni

RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS		
<i>[Signature]</i> AECOM	12/8/10	1700				Y/N	Y/N	Y/N
FedEx Express	12-10-10	1010	<i>[Signature]</i> Michelle J. Kelleher	12-10-10	1010	Y/N	Y/N	Y/N
						Y/N	Y/N	Y/N
						Y/N	Y/N	Y/N

SAMPLER NAME AND SIGNATURE		Temp in °C	Received on Ice	Custody Sealed Cooler	Samples intact
PRINT Name of SAMPLER:	<i>Connor Mulcahy</i>				
SIGNATURE of SAMPLER:	<i>[Signature]</i>				
DATE Signed (MM/DD/YY)					
		12/10/10			

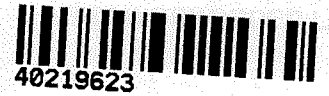
 1241 Bellevue Street, Green Bay, WI 54302	Document Name: Sample Condition Upon Receipt (SCUR)	Document Revised: 26Mar2020
	Document No.: ENV-FRM-GBAY-0014-Rev.00	Author: Pace Green Bay Quality Office

Sample Condition Upon Receipt Form (SCUR)

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

Project #: _____

WO#: 40219623



40219623

Tracking #: 7811 6554 2389 - Mstr #
Custody Seal on Cooler/Box Present: Yes No Seals intact: Yes No
Custody Seal on Samples Present: Yes No Seals intact: Yes No
Packing Material: Bubble Wrap Bubble Bags None Other
Thermometer Used: SR - n/a **Type of Ice:** Wet Blue Dry None

Cooler Temperature: Uncorr: 601 Corr: _____ Samples on ice, cooling process has begun
Temp Blank Present: Yes No **Biological Tissue is Frozen:** Yes No

Person examining contents:
 Date: 12-10-20 Initials: MUR
 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 type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	2. <u>copy to info</u>
Chain of Custody Relinquished:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	3.
Sampler Name & Signature on COC:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	4.
Samples Arrived within Hold Time:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	5.
- VOA Samples frozen upon receipt	<input type="checkbox"/> Yes <input type="checkbox"/> No	Date/Time:
Short Hold Time Analysis (<72hr):	<input 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:	For Analysis: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No MS/MSD: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	8. <u>CI 008 MEE V691H received empty w/ client label + PM informed - disposed upon receipt</u>
Correct Containers Used:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	9. <u>upon receipt</u>
-Pace Containers Used:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	<u>MUR 12-10-20</u>
-Pace IR Containers Used:	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
Containers Intact:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	10.
Filtered volume received for Dissolved tests	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	11.
Sample Labels match COC:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	12. <u>003 BP35: unlegible date + no time. 010 GN: partially unlegible ID</u>
-Includes date/time/ID/Analysis Matrix: <u>WT</u>		<u>MUR 12-10-20</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>455, 8027701VB</u>		

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

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

December 21, 2020

Lanette Altenbach
AECOM, Inc.
1555 N River Center Drive
Suite 214
Milwaukee, WI 53212

RE: Project: 60646104 KEP
Pace Project No.: 40219790

Dear Lanette Altenbach:

Enclosed are the analytical results for sample(s) received by the laboratory on December 12, 2020. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise noted in the body of the report.

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

- Pace Analytical Services - Green Bay

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

Sincerely,



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

Enclosures

cc: Joel Mackinney, AECOM



REPORT OF LABORATORY ANALYSIS

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CERTIFICATIONS

Project: 60646104 KEP

Pace Project No.: 40219790

Pace Analytical Services Green Bay

1241 Bellevue Street, Green Bay, WI 54302

Florida/NELAP Certification #: E87948

Illinois Certification #: 200050

Kentucky UST Certification #: 82

Louisiana Certification #: 04168

Minnesota Certification #: 055-999-334

New York Certification #: 12064

North Dakota Certification #: R-150

Virginia VELAP ID: 460263

South Carolina Certification #: 83006001

Texas Certification #: T104704529-14-1

Wisconsin Certification #: 405132750

Wisconsin DATCP Certification #: 105-444

USDA Soil Permit #: P330-16-00157

Federal Fish & Wildlife Permit #: LE51774A-0

REPORT OF LABORATORY ANALYSIS

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SAMPLE SUMMARY

Project: 60646104 KEP

Pace Project No.: 40219790

Lab ID	Sample ID	Matrix	Date Collected	Date Received
40219790001	MW-2201	Water	12/09/20 10:55	12/12/20 10:45
40219790002	MW-2201D	Water	12/09/20 11:00	12/12/20 10:45
40219790003	MW-2101	Water	12/09/20 12:45	12/12/20 10:45
40219790004	PZ-2101	Water	12/09/20 14:00	12/12/20 10:45
40219790005	MW-31	Water	12/10/20 10:50	12/12/20 10:45
40219790006	PZ-118	Water	12/10/20 13:30	12/12/20 10:45
40219790007	MW-2111	Water	12/11/20 11:15	12/12/20 10:45
40219790008	PZ-2111	Water	12/11/20 10:25	12/12/20 10:45
40219790009	MW-108	Water	12/10/20 11:00	12/12/20 10:45
40219790010	MW-44	Water	12/10/20 11:30	12/12/20 10:45
40219790011	MW-65	Water	12/10/20 14:05	12/12/20 10:45
40219790012	MW-113	Water	12/10/20 15:00	12/12/20 10:45
40219790013	MW-2109	Water	12/09/20 10:55	12/12/20 10:45
40219790014	PZ-2109	Water	12/09/20 11:55	12/12/20 10:45
40219790015	MW-2108	Water	12/09/20 13:10	12/12/20 10:45
40219790016	MW-2107	Water	12/09/20 14:25	12/12/20 10:45
40219790017	PZ-2107	Water	12/09/20 15:15	12/12/20 10:45
40219790018	MW-61	Water	12/11/20 10:06	12/12/20 10:45
40219790019	PZ-61	Water	12/11/20 10:06	12/12/20 10:45
40219790020	PZ-75	Water	12/11/20 12:45	12/12/20 10:45
40219790021	MW-114	Water	12/10/20 14:35	12/12/20 10:45
40219790022	TRIP BLANK	Water	12/11/20 15:00	12/12/20 10:45
40219790023	TB-121120-2	Water	12/11/20 15:10	12/12/20 10:45
40219790024	TB-121120-1	Water	12/11/20 15:10	12/12/20 10:45

REPORT OF LABORATORY ANALYSIS

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SAMPLE ANALYTE COUNT

Project: 60646104 KEP
Pace Project No.: 40219790

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
40219790001	MW-2201	EPA 8015B Modified	ALD	3	PASI-G
		EPA 6020	KXS	2	PASI-G
		EPA 6020	KXS	6	PASI-G
		EPA 8260	HNW	63	PASI-G
		SM 4500-S F (2000)	DEY	1	PASI-G
		EPA 300.0	HMB	2	PASI-G
		EPA 310.2	DAW	1	PASI-G
		EPA 410.4	TJJ	1	PASI-G
		SM 5310C	TJJ	1	PASI-G
40219790002	MW-2201D	EPA 8015B Modified	ALD	3	PASI-G
		EPA 6020	KXS	2	PASI-G
		EPA 6020	KXS	6	PASI-G
		EPA 8260	HNW	63	PASI-G
		SM 4500-S F (2000)	DEY	1	PASI-G
		EPA 300.0	HMB	2	PASI-G
		EPA 310.2	DAW	1	PASI-G
		EPA 410.4	TJJ	1	PASI-G
		SM 5310C	TJJ	1	PASI-G
40219790003	MW-2101	EPA 8015B Modified	ALD	3	PASI-G
		EPA 6020	KXS	2	PASI-G
		EPA 6020	KXS	6	PASI-G
		EPA 8260	HNW	63	PASI-G
		SM 4500-S F (2000)	DEY	1	PASI-G
		EPA 300.0	HMB	2	PASI-G
		EPA 310.2	DAW	1	PASI-G
		EPA 410.4	TJJ	1	PASI-G
		SM 5310C	TJJ	1	PASI-G
40219790004	PZ-2101	EPA 8015B Modified	ALD	3	PASI-G
		EPA 6020	KXS	2	PASI-G
		EPA 6020	KXS	6	PASI-G
		EPA 8260	HNW	63	PASI-G
		SM 4500-S F (2000)	DEY	1	PASI-G
		EPA 300.0	HMB	2	PASI-G
		EPA 310.2	DAW	1	PASI-G
		EPA 410.4	TJJ	1	PASI-G
		SM 5310C	TJJ	1	PASI-G
40219790005	MW-31	EPA 8015B Modified	ALD	3	PASI-G

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SAMPLE ANALYTE COUNT

Project: 60646104 KEP
Pace Project No.: 40219790

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory		
40219790006	PZ-118	EPA 6020	KXS	2	PASI-G		
		EPA 6020	KXS	6	PASI-G		
		SM 4500-S F (2000)	DEY	1	PASI-G		
		EPA 300.0	HMB	2	PASI-G		
		EPA 310.2	DAW	1	PASI-G		
		EPA 410.4	TJJ	1	PASI-G		
		SM 5310C	TJJ	1	PASI-G		
		EPA 8015B Modified	ALD	3	PASI-G		
		EPA 6020	KXS	2	PASI-G		
		EPA 6020	KXS	6	PASI-G		
		SM 4500-S F (2000)	DEY	1	PASI-G		
		EPA 300.0	HMB	2	PASI-G		
		EPA 310.2	DAW	1	PASI-G		
40219790007	MW-2111	EPA 410.4	TJJ	1	PASI-G		
		SM 5310C	TJJ	1	PASI-G		
		EPA 8015B Modified	ALD	3	PASI-G		
		EPA 6020	KXS	2	PASI-G		
		EPA 6020	KXS	6	PASI-G		
		EPA 8260	HNW	63	PASI-G		
		SM 4500-S F (2000)	DEY	1	PASI-G		
		EPA 300.0	HMB	2	PASI-G		
		EPA 310.2	DAW	1	PASI-G		
		EPA 410.4	TJJ	1	PASI-G		
		SM 5310C	TJJ	1	PASI-G		
		40219790008	PZ-2111	EPA 8015B Modified	ALD	3	PASI-G
				EPA 6020	KXS	2	PASI-G
EPA 6020	KXS			6	PASI-G		
EPA 8260	HNW			63	PASI-G		
SM 4500-S F (2000)	DEY			1	PASI-G		
EPA 300.0	HMB			2	PASI-G		
EPA 310.2	DAW			1	PASI-G		
EPA 410.4	TJJ			1	PASI-G		
SM 5310C	TJJ			1	PASI-G		
40219790009	MW-108			EPA 8015B Modified	ALD	3	PASI-G
				EPA 6020	KXS	2	PASI-G
				EPA 6020	KXS	6	PASI-G
				SM 4500-S F (2000)	DEY	1	PASI-G

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SAMPLE ANALYTE COUNT

Project: 60646104 KEP
Pace Project No.: 40219790

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
40219790010	MW-44	EPA 300.0	HMB	2	PASI-G
		EPA 310.2	DAW	1	PASI-G
		EPA 410.4	TJJ	1	PASI-G
		SM 5310C	TJJ	1	PASI-G
		EPA 8015B Modified	ALD	3	PASI-G
		EPA 6020	KXS	2	PASI-G
		EPA 6020	KXS	6	PASI-G
		SM 4500-S F (2000)	DEY	1	PASI-G
		EPA 300.0	HMB	2	PASI-G
		EPA 310.2	DAW	1	PASI-G
40219790011	MW-65	EPA 410.4	TJJ	1	PASI-G
		SM 5310C	TJJ	1	PASI-G
		EPA 8015B Modified	ALD	3	PASI-G
		EPA 6020	KXS	2	PASI-G
		EPA 6020	KXS	6	PASI-G
		EPA 8260	HNW	63	PASI-G
		SM 4500-S F (2000)	DEY	1	PASI-G
		EPA 300.0	HMB	2	PASI-G
		EPA 310.2	DAW	1	PASI-G
		EPA 410.4	TJJ	1	PASI-G
40219790012	MW-113	SM 5310C	TJJ	1	PASI-G
		EPA 8015B Modified	ALD	3	PASI-G
		EPA 6020	KXS	2	PASI-G
		EPA 6020	KXS	6	PASI-G
		SM 4500-S F (2000)	DEY	1	PASI-G
		EPA 300.0	HMB	2	PASI-G
		EPA 310.2	DAW	1	PASI-G
		EPA 410.4	TJJ	1	PASI-G
		SM 5310C	TJJ	1	PASI-G
		EPA 8015B Modified	ALD	3	PASI-G
40219790013	MW-2109	EPA 6020	KXS	2	PASI-G
		EPA 6020	KXS	6	PASI-G
		EPA 8260	HNW	63	PASI-G
		SM 4500-S F (2000)	DEY	1	PASI-G
		EPA 300.0	HMB	2	PASI-G
		EPA 310.2	DAW	1	PASI-G
		EPA 410.4	TJJ	1	PASI-G

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SAMPLE ANALYTE COUNT

Project: 60646104 KEP
Pace Project No.: 40219790

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
40219790014	PZ-2109	SM 5310C	TJJ	1	PASI-G
		EPA 8015B Modified	ALD	3	PASI-G
		EPA 6020	KXS	2	PASI-G
		EPA 6020	KXS	6	PASI-G
		EPA 8260	HNW	63	PASI-G
		SM 4500-S F (2000)	DEY	1	PASI-G
		EPA 300.0	HMB	2	PASI-G
		EPA 310.2	DAW	1	PASI-G
		EPA 410.4	TJJ	1	PASI-G
40219790015	MW-2108	SM 5310C	TJJ	1	PASI-G
		EPA 8015B Modified	ALD	3	PASI-G
		EPA 6020	KXS	2	PASI-G
		EPA 6020	KXS	6	PASI-G
		EPA 8260	HNW	63	PASI-G
		SM 4500-S F (2000)	DEY	1	PASI-G
		EPA 300.0	HMB	2	PASI-G
		EPA 310.2	DAW	1	PASI-G
		EPA 410.4	TJJ	1	PASI-G
40219790016	MW-2107	SM 5310C	TJJ	1	PASI-G
		EPA 8015B Modified	ALD	3	PASI-G
		EPA 6020	KXS	2	PASI-G
		EPA 6020	KXS	6	PASI-G
		EPA 8260	HNW	63	PASI-G
		SM 4500-S F (2000)	DEY	1	PASI-G
		EPA 300.0	HMB	2	PASI-G
		EPA 310.2	DAW	1	PASI-G
		EPA 410.4	TJJ	1	PASI-G
40219790017	PZ-2107	SM 5310C	TJJ	1	PASI-G
		EPA 8015B Modified	ALD	3	PASI-G
		EPA 6020	KXS	2	PASI-G
		EPA 6020	KXS	6	PASI-G
		EPA 8260	HNW	63	PASI-G
		SM 4500-S F (2000)	DEY	1	PASI-G
		EPA 300.0	HMB	2	PASI-G
		EPA 310.2	DAW	1	PASI-G
		EPA 410.4	TJJ	1	PASI-G
SM 5310C	TJJ	1	PASI-G		

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SAMPLE ANALYTE COUNT

Project: 60646104 KEP

Pace Project No.: 40219790

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
40219790018	MW-61	EPA 8015B Modified	ALD	3	PASI-G
		EPA 6020	KXS	2	PASI-G
		EPA 6020	KXS	6	PASI-G
		EPA 8260	HNW	63	PASI-G
		SM 4500-S F (2000)	DEY	1	PASI-G
		EPA 300.0	HMB	2	PASI-G
		EPA 310.2	DAW	1	PASI-G
		EPA 410.4	TJJ	1	PASI-G
		SM 5310C	TJJ	1	PASI-G
40219790019	PZ-61	EPA 8015B Modified	ALD	3	PASI-G
		EPA 6020	KXS	2	PASI-G
		EPA 6020	KXS	6	PASI-G
		EPA 8260	HNW	63	PASI-G
		SM 4500-S F (2000)	DEY	1	PASI-G
		EPA 300.0	HMB	2	PASI-G
		EPA 310.2	DAW	1	PASI-G
		EPA 410.4	TJJ	1	PASI-G
		SM 5310C	TJJ	1	PASI-G
40219790020	PZ-75	EPA 8015B Modified	ALD	3	PASI-G
		EPA 6020	KXS	2	PASI-G
		EPA 6020	KXS	6	PASI-G
		EPA 8260	HNW	63	PASI-G
		SM 4500-S F (2000)	DEY	1	PASI-G
		EPA 300.0	HMB	2	PASI-G
		EPA 310.2	DAW	1	PASI-G
		EPA 410.4	TJJ	1	PASI-G
		SM 5310C	TJJ	1	PASI-G
40219790021	MW-114	EPA 8015B Modified	ALD	3	PASI-G
		EPA 6020	KXS	2	PASI-G
		EPA 6020	KXS	6	PASI-G
		SM 4500-S F (2000)	DEY	1	PASI-G
		EPA 300.0	HMB	2	PASI-G
		EPA 310.2	DAW	1	PASI-G
		EPA 410.4	TJJ	1	PASI-G
		SM 5310C	TJJ	1	PASI-G
		EPA 8260	HNW	63	PASI-G
40219790022	TRIP BLANK	EPA 8260	HNW	63	PASI-G
40219790023	TB-121120-2	EPA 8260	HNW	63	PASI-G

REPORT OF LABORATORY ANALYSIS

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SAMPLE ANALYTE COUNT

Project: 60646104 KEP

Pace Project No.: 40219790

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
40219790024	TB-121120-1	EPA 8260	HNW	63	PASI-G

PASI-G = Pace Analytical Services - Green Bay

REPORT OF LABORATORY ANALYSIS

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SUMMARY OF DETECTION

Project: 60646104 KEP
Pace Project No.: 40219790

Lab Sample ID	Client Sample ID	Result	Units	Report Limit	Analyzed	Qualifiers
Method	Parameters					
40219790001	MW-2201					
EPA 8015B Modified	Methane	49.8	ug/L	2.8	12/15/20 12:05	
EPA 6020	Iron	3.6	mg/L	0.25	12/17/20 19:17	
EPA 6020	Manganese	0.23	mg/L	0.0040	12/17/20 19:17	
EPA 6020	Barium, Dissolved	0.050	mg/L	0.0023	12/17/20 12:53	
EPA 6020	Iron, Dissolved	3.7	mg/L	0.25	12/17/20 12:53	D9
EPA 6020	Manganese, Dissolved	0.23	mg/L	0.0040	12/17/20 12:53	
EPA 6020	Nickel, Dissolved	0.00036J	mg/L	0.0010	12/17/20 12:53	
EPA 8260	1,1-Dichloroethane	9.6	ug/L	1.0	12/15/20 14:25	
EPA 8260	1,1-Dichloroethene	0.53J	ug/L	1.0	12/15/20 14:25	
EPA 8260	cis-1,2-Dichloroethene	289	ug/L	1.0	12/15/20 14:25	
EPA 8260	trans-1,2-Dichloroethene	35.3	ug/L	1.5	12/15/20 14:25	
EPA 8260	Trichloroethene	16.1	ug/L	1.0	12/15/20 14:25	
EPA 8260	Vinyl chloride	11.6	ug/L	1.0	12/15/20 14:25	
EPA 300.0	Chloride	33.6	mg/L	2.0	12/14/20 14:39	
EPA 300.0	Sulfate	249	mg/L	20.0	12/15/20 13:39	
EPA 310.2	Alkalinity, Total as CaCO3	365	mg/L	49.6	12/16/20 12:30	
SM 5310C	Total Organic Carbon	4.4	mg/L	0.50	12/15/20 04:32	
40219790002	MW-2201D					
EPA 8015B Modified	Methane	45.5	ug/L	2.8	12/15/20 12:12	
EPA 6020	Iron	3.7	mg/L	0.25	12/17/20 19:44	
EPA 6020	Manganese	0.22	mg/L	0.0040	12/17/20 19:44	
EPA 6020	Barium, Dissolved	0.050	mg/L	0.0023	12/17/20 13:20	
EPA 6020	Chromium, Dissolved	0.0014J	mg/L	0.0034	12/17/20 13:20	
EPA 6020	Iron, Dissolved	3.9	mg/L	0.25	12/17/20 13:20	D9
EPA 6020	Manganese, Dissolved	0.22	mg/L	0.0040	12/17/20 13:20	
EPA 6020	Nickel, Dissolved	0.00076J	mg/L	0.0010	12/17/20 13:20	
EPA 8260	1,1-Dichloroethane	8.6	ug/L	2.0	12/15/20 11:25	
EPA 8260	cis-1,2-Dichloroethene	276	ug/L	2.0	12/15/20 11:25	
EPA 8260	trans-1,2-Dichloroethene	32.6	ug/L	3.1	12/15/20 11:25	
EPA 8260	Trichloroethene	13.1	ug/L	2.0	12/15/20 11:25	
EPA 8260	Vinyl chloride	10.5	ug/L	2.0	12/15/20 11:25	
EPA 300.0	Chloride	35.7	mg/L	2.0	12/14/20 16:34	
EPA 300.0	Sulfate	249	mg/L	20.0	12/15/20 13:54	
EPA 310.2	Alkalinity, Total as CaCO3	350	mg/L	24.8	12/16/20 12:31	
EPA 410.4	Chemical Oxygen Demand	20.3J	mg/L	52.6	12/16/20 21:42	
SM 5310C	Total Organic Carbon	4.6	mg/L	0.50	12/15/20 05:20	
40219790003	MW-2101					
EPA 8015B Modified	Ethane	4.5J	ug/L	5.6	12/15/20 12:19	
EPA 8015B Modified	Methane	182	ug/L	7.0	12/15/20 13:10	
EPA 6020	Iron	1.2	mg/L	0.25	12/17/20 20:11	
EPA 6020	Manganese	0.20	mg/L	0.0040	12/17/20 20:11	
EPA 6020	Barium, Dissolved	0.078	mg/L	0.0023	12/17/20 13:34	
EPA 6020	Iron, Dissolved	1.2	mg/L	0.25	12/17/20 13:34	
EPA 6020	Manganese, Dissolved	0.21	mg/L	0.0040	12/17/20 13:34	D9
EPA 6020	Nickel, Dissolved	0.0011	mg/L	0.0010	12/17/20 13:34	
EPA 8260	cis-1,2-Dichloroethene	19.0	ug/L	1.0	12/15/20 14:47	

REPORT OF LABORATORY ANALYSIS

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SUMMARY OF DETECTION

Project: 60646104 KEP

Pace Project No.: 40219790

Lab Sample ID	Client Sample ID	Result	Units	Report Limit	Analyzed	Qualifiers
Method	Parameters					
40219790003	MW-2101					
EPA 8260	Trichloroethene	0.74J	ug/L	1.0	12/15/20 14:47	
EPA 8260	Vinyl chloride	249	ug/L	1.0	12/15/20 14:47	
EPA 300.0	Chloride	86.5	mg/L	20.0	12/15/20 14:09	
EPA 300.0	Sulfate	192	mg/L	20.0	12/15/20 14:09	
EPA 310.2	Alkalinity, Total as CaCO3	380	mg/L	24.8	12/16/20 12:32	
EPA 410.4	Chemical Oxygen Demand	25.0J	mg/L	52.6	12/16/20 21:42	
SM 5310C	Total Organic Carbon	7.7	mg/L	3.0	12/15/20 06:07	
40219790004	PZ-2101					
EPA 8015B Modified	Ethane	1.7J	ug/L	5.6	12/15/20 12:26	
EPA 8015B Modified	Ethene	10.2	ug/L	5.0	12/15/20 12:26	
EPA 8015B Modified	Methane	102	ug/L	2.8	12/15/20 12:26	
EPA 6020	Iron	1.5	mg/L	0.25	12/17/20 20:18	
EPA 6020	Manganese	0.15	mg/L	0.0040	12/17/20 20:18	
EPA 6020	Barium, Dissolved	0.069	mg/L	0.0023	12/17/20 13:41	
EPA 6020	Iron, Dissolved	1.5	mg/L	0.25	12/17/20 13:41	
EPA 6020	Manganese, Dissolved	0.16	mg/L	0.0040	12/17/20 13:41	D9
EPA 6020	Nickel, Dissolved	0.0027	mg/L	0.0010	12/17/20 13:41	
EPA 8260	cis-1,2-Dichloroethene	17600	ug/L	500	12/15/20 11:48	
EPA 8260	Trichloroethene	40300	ug/L	500	12/15/20 11:48	
EPA 8260	Vinyl chloride	258J	ug/L	500	12/15/20 11:48	
EPA 300.0	Chloride	396	mg/L	20.0	12/15/20 14:24	
EPA 300.0	Sulfate	426	mg/L	20.0	12/15/20 14:24	
EPA 310.2	Alkalinity, Total as CaCO3	357	mg/L	24.8	12/16/20 12:33	
EPA 410.4	Chemical Oxygen Demand	48.4J	mg/L	50.0	12/16/20 21:42	
SM 5310C	Total Organic Carbon	8.0	mg/L	3.0	12/15/20 06:21	
40219790005	MW-31					
EPA 8015B Modified	Methane	52.0	ug/L	2.8	12/15/20 12:33	
EPA 6020	Manganese	0.018	mg/L	0.0040	12/17/20 20:25	
EPA 6020	Barium, Dissolved	0.026	mg/L	0.0023	12/17/20 13:48	
EPA 6020	Manganese, Dissolved	0.019	mg/L	0.0040	12/17/20 13:48	D9
EPA 6020	Nickel, Dissolved	0.0010	mg/L	0.0010	12/17/20 13:48	
EPA 300.0	Chloride	6.0	mg/L	2.0	12/14/20 17:18	
EPA 300.0	Sulfate	316	mg/L	20.0	12/15/20 14:39	
EPA 310.2	Alkalinity, Total as CaCO3	399	mg/L	24.8	12/16/20 12:34	
EPA 410.4	Chemical Oxygen Demand	19.3J	mg/L	50.0	12/16/20 21:42	
SM 5310C	Total Organic Carbon	6.9	mg/L	3.0	12/15/20 06:55	
40219790006	PZ-118					
EPA 8015B Modified	Methane	34.9	ug/L	2.8	12/18/20 10:18	
EPA 6020	Iron	3.3	mg/L	0.25	12/17/20 20:31	
EPA 6020	Manganese	0.15	mg/L	0.0040	12/17/20 20:31	
EPA 6020	Barium, Dissolved	0.051	mg/L	0.0023	12/17/20 14:08	
EPA 6020	Iron, Dissolved	3.7	mg/L	0.25	12/17/20 14:08	D9
EPA 6020	Manganese, Dissolved	0.16	mg/L	0.0040	12/17/20 14:08	D9
EPA 6020	Nickel, Dissolved	0.0014	mg/L	0.0010	12/17/20 14:08	
EPA 300.0	Chloride	137	mg/L	20.0	12/15/20 14:54	
EPA 300.0	Sulfate	365	mg/L	20.0	12/15/20 14:54	

REPORT OF LABORATORY ANALYSIS

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SUMMARY OF DETECTION

Project: 60646104 KEP
Pace Project No.: 40219790

Lab Sample ID	Client Sample ID	Result	Units	Report Limit	Analyzed	Qualifiers
Method	Parameters					
40219790006	PZ-118					
EPA 310.2	Alkalinity, Total as CaCO3	461	mg/L	24.8	12/16/20 12:35	
SM 5310C	Total Organic Carbon	3.5	mg/L	1.0	12/15/20 07:09	
40219790007	MW-2111					
EPA 8015B Modified	Methane	5.1	ug/L	2.8	12/18/20 10:25	
EPA 6020	Iron	0.34	mg/L	0.25	12/17/20 20:38	
EPA 6020	Manganese	0.42	mg/L	0.0040	12/17/20 20:38	
EPA 6020	Barium, Dissolved	0.033	mg/L	0.0023	12/17/20 14:15	
EPA 6020	Iron, Dissolved	0.34	mg/L	0.25	12/17/20 14:15	
EPA 6020	Manganese, Dissolved	0.44	mg/L	0.0040	12/17/20 14:15	D9
EPA 6020	Nickel, Dissolved	0.0034	mg/L	0.0010	12/17/20 14:15	
EPA 8260	cis-1,2-Dichloroethene	742	ug/L	125	12/15/20 12:10	
EPA 8260	trans-1,2-Dichloroethene	80.9J	ug/L	193	12/15/20 12:10	
EPA 8260	Trichloroethene	8210	ug/L	125	12/15/20 12:10	
EPA 300.0	Chloride	38.9	mg/L	2.0	12/14/20 17:48	
EPA 300.0	Sulfate	313	mg/L	20.0	12/15/20 15:09	
EPA 310.2	Alkalinity, Total as CaCO3	363	mg/L	24.8	12/16/20 12:36	
EPA 410.4	Chemical Oxygen Demand	17.0J	mg/L	50.0	12/16/20 21:42	
SM 5310C	Total Organic Carbon	4.6	mg/L	1.0	12/15/20 07:24	
40219790008	PZ-2111					
EPA 8015B Modified	Methane	22.1	ug/L	2.8	12/18/20 10:32	
EPA 6020	Iron	0.53	mg/L	0.25	12/17/20 20:45	
EPA 6020	Manganese	0.088	mg/L	0.0040	12/17/20 20:45	
EPA 6020	Barium, Dissolved	0.090	mg/L	0.0023	12/17/20 14:22	
EPA 6020	Chromium, Dissolved	0.0014J	mg/L	0.0034	12/17/20 14:22	
EPA 6020	Iron, Dissolved	0.66	mg/L	0.25	12/17/20 14:22	D9
EPA 6020	Manganese, Dissolved	0.095	mg/L	0.0040	12/17/20 14:22	D9
EPA 6020	Nickel, Dissolved	0.0026	mg/L	0.0010	12/17/20 14:22	
EPA 8260	1,1-Dichloroethene	3.7J	ug/L	10.0	12/15/20 13:40	
EPA 8260	cis-1,2-Dichloroethene	2810	ug/L	10.0	12/15/20 13:40	
EPA 8260	trans-1,2-Dichloroethene	248	ug/L	15.5	12/15/20 13:40	
EPA 8260	Trichloroethene	1550	ug/L	10.0	12/15/20 13:40	
EPA 8260	Vinyl chloride	77.8	ug/L	10.0	12/15/20 13:40	
EPA 300.0	Chloride	71.5	mg/L	20.0	12/15/20 15:24	
EPA 300.0	Sulfate	343	mg/L	20.0	12/15/20 15:24	
EPA 310.2	Alkalinity, Total as CaCO3	271	mg/L	24.8	12/16/20 12:37	
EPA 410.4	Chemical Oxygen Demand	14.8J	mg/L	50.0	12/16/20 21:43	
SM 5310C	Total Organic Carbon	3.5	mg/L	0.50	12/15/20 07:39	
40219790009	MW-108					
EPA 8015B Modified	Methane	0.75J	ug/L	2.8	12/18/20 10:38	
EPA 6020	Iron	0.062J	mg/L	0.25	12/17/20 20:52	
EPA 6020	Manganese	0.012	mg/L	0.0040	12/17/20 20:52	
EPA 6020	Barium, Dissolved	0.12	mg/L	0.0023	12/17/20 14:28	
EPA 6020	Nickel, Dissolved	0.0021	mg/L	0.0010	12/17/20 14:28	
EPA 300.0	Chloride	1110	mg/L	200	12/15/20 12:34	
EPA 300.0	Sulfate	116	mg/L	10.0	12/15/20 14:00	
EPA 310.2	Alkalinity, Total as CaCO3	452	mg/L	49.6	12/16/20 12:42	M0

REPORT OF LABORATORY ANALYSIS

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SUMMARY OF DETECTION

Project: 60646104 KEP

Pace Project No.: 40219790

Lab Sample ID Method	Client Sample ID Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
40219790009	MW-108					
EPA 410.4	Chemical Oxygen Demand	43.9J	mg/L	50.0	12/16/20 21:43	
SM 5310C	Total Organic Carbon	1.1	mg/L	0.50	12/15/20 07:56	
40219790010	MW-44					
EPA 8015B Modified	Methane	0.96J	ug/L	2.8	12/18/20 10:45	
EPA 6020	Iron	0.42	mg/L	0.25	12/17/20 20:59	
EPA 6020	Manganese	0.076	mg/L	0.0040	12/17/20 20:59	
EPA 6020	Barium, Dissolved	0.033	mg/L	0.0023	12/17/20 14:35	
EPA 6020	Manganese, Dissolved	0.037	mg/L	0.0040	12/17/20 14:35	
EPA 6020	Nickel, Dissolved	0.0010	mg/L	0.0010	12/17/20 14:35	
EPA 300.0	Chloride	339	mg/L	20.0	12/15/20 14:43	
EPA 300.0	Sulfate	163	mg/L	20.0	12/15/20 14:43	
EPA 310.2	Alkalinity, Total as CaCO ₃	388	mg/L	24.8	12/16/20 12:45	
SM 5310C	Total Organic Carbon	1.3	mg/L	0.50	12/15/20 08:15	
40219790011	MW-65					
EPA 8015B Modified	Methane	67.3	ug/L	2.8	12/18/20 10:52	
EPA 6020	Iron	1.1	mg/L	0.25	12/17/20 21:05	
EPA 6020	Manganese	0.12	mg/L	0.0040	12/17/20 21:05	
EPA 6020	Barium, Dissolved	0.30	mg/L	0.0023	12/17/20 14:42	
EPA 6020	Iron, Dissolved	0.76	mg/L	0.25	12/17/20 14:42	
EPA 6020	Manganese, Dissolved	0.12	mg/L	0.0040	12/17/20 14:42	
EPA 6020	Nickel, Dissolved	0.0032	mg/L	0.0010	12/17/20 14:42	
EPA 8260	cis-1,2-Dichloroethene	870	ug/L	10.0	12/15/20 14:02	
EPA 8260	trans-1,2-Dichloroethene	25.5	ug/L	15.5	12/15/20 14:02	
EPA 8260	Trichloroethene	521	ug/L	10.0	12/15/20 14:02	
EPA 8260	Vinyl chloride	4.4J	ug/L	10.0	12/15/20 14:02	
EPA 300.0	Chloride	1080	mg/L	200	12/15/20 15:12	
EPA 300.0	Sulfate	109	mg/L	10.0	12/15/20 14:57	
EPA 310.2	Alkalinity, Total as CaCO ₃	451	mg/L	24.8	12/16/20 12:46	
EPA 410.4	Chemical Oxygen Demand	41.7J	mg/L	50.0	12/16/20 21:43	
SM 5310C	Total Organic Carbon	3.8	mg/L	1.5	12/15/20 08:32	
40219790012	MW-113					
EPA 8015B Modified	Methane	1.4J	ug/L	2.8	12/18/20 10:59	
EPA 6020	Iron	0.23J	mg/L	0.25	12/17/20 21:12	
EPA 6020	Manganese	0.028	mg/L	0.0040	12/17/20 21:12	
EPA 6020	Barium, Dissolved	0.15	mg/L	0.0023	12/17/20 14:49	
EPA 6020	Iron, Dissolved	0.36	mg/L	0.25	12/17/20 14:49	D9
EPA 6020	Manganese, Dissolved	0.046	mg/L	0.0040	12/17/20 14:49	CR
EPA 6020	Nickel, Dissolved	0.0012	mg/L	0.0010	12/17/20 14:49	
EPA 300.0	Chloride	679	mg/L	40.0	12/15/20 15:26	
EPA 300.0	Sulfate	146	mg/L	40.0	12/15/20 15:26	
EPA 310.2	Alkalinity, Total as CaCO ₃	479	mg/L	24.8	12/16/20 12:47	
EPA 410.4	Chemical Oxygen Demand	23.7J	mg/L	50.0	12/16/20 21:43	
SM 5310C	Total Organic Carbon	1.8	mg/L	0.50	12/15/20 08:51	
40219790013	MW-2109					
EPA 8015B Modified	Ethene	1.4J	ug/L	5.0	12/18/20 11:06	

REPORT OF LABORATORY ANALYSIS

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SUMMARY OF DETECTION

Project: 60646104 KEP
Pace Project No.: 40219790

Lab Sample ID	Client Sample ID	Result	Units	Report Limit	Analyzed	Qualifiers
Method	Parameters					
40219790013	MW-2109					
EPA 8015B Modified	Methane	161	ug/L	2.8	12/18/20 11:06	
EPA 6020	Iron	0.34	mg/L	0.25	12/17/20 21:33	
EPA 6020	Manganese	0.24	mg/L	0.0040	12/17/20 21:33	
EPA 6020	Barium, Dissolved	0.13	mg/L	0.0023	12/17/20 14:56	
EPA 6020	Iron, Dissolved	0.43	mg/L	0.25	12/17/20 14:56	D9
EPA 6020	Manganese, Dissolved	0.26	mg/L	0.0040	12/17/20 14:56	D9
EPA 6020	Nickel, Dissolved	0.0014	mg/L	0.0010	12/17/20 14:56	
EPA 8260	cis-1,2-Dichloroethene	87.4	ug/L	1.0	12/15/20 15:10	
EPA 8260	trans-1,2-Dichloroethene	1.3J	ug/L	1.5	12/15/20 15:10	
EPA 8260	Vinyl chloride	27.7	ug/L	1.0	12/15/20 15:10	
EPA 300.0	Chloride	377	mg/L	20.0	12/15/20 15:40	
EPA 300.0	Sulfate	118	mg/L	20.0	12/15/20 15:40	
EPA 310.2	Alkalinity, Total as CaCO3	520	mg/L	124	12/16/20 13:30	
EPA 410.4	Chemical Oxygen Demand	26.0J	mg/L	50.0	12/16/20 21:43	
SM 5310C	Total Organic Carbon	4.4	mg/L	1.5	12/15/20 09:09	
40219790014	PZ-2109					
EPA 8015B Modified	Ethane	2.0J	ug/L	5.6	12/18/20 11:13	
EPA 8015B Modified	Methane	241	ug/L	2.8	12/18/20 11:13	
EPA 6020	Iron	5.4	mg/L	0.25	12/17/20 21:40	
EPA 6020	Manganese	0.27	mg/L	0.0040	12/17/20 21:40	
EPA 6020	Barium, Dissolved	0.27	mg/L	0.0023	12/17/20 15:03	
EPA 6020	Iron, Dissolved	6.0	mg/L	2.5	12/18/20 15:31	D9
EPA 6020	Manganese, Dissolved	0.29	mg/L	0.040	12/18/20 15:31	D9
EPA 8260	cis-1,2-Dichloroethene	11.3	ug/L	1.0	12/15/20 15:32	
EPA 8260	Vinyl chloride	9.3	ug/L	1.0	12/15/20 15:32	
EPA 300.0	Chloride	2020	mg/L	100	12/15/20 15:55	
EPA 300.0	Sulfate	95.6	mg/L	10.0	12/15/20 05:09	
EPA 310.2	Alkalinity, Total as CaCO3	429	mg/L	49.6	12/16/20 12:49	
EPA 410.4	Chemical Oxygen Demand	84.3	mg/L	50.0	12/16/20 21:43	
SM 5310C	Total Organic Carbon	3.2	mg/L	1.5	12/15/20 09:26	
40219790015	MW-2108					
EPA 8015B Modified	Ethane	3.2J	ug/L	5.6	12/18/20 11:20	
EPA 8015B Modified	Methane	114	ug/L	2.8	12/18/20 11:20	
EPA 6020	Iron	0.41	mg/L	0.25	12/17/20 21:46	
EPA 6020	Manganese	0.18	mg/L	0.0040	12/17/20 21:46	
EPA 6020	Barium, Dissolved	0.053	mg/L	0.0023	12/17/20 15:09	
EPA 6020	Iron, Dissolved	0.45	mg/L	0.25	12/17/20 15:09	D9
EPA 6020	Manganese, Dissolved	0.17	mg/L	0.0040	12/17/20 15:09	
EPA 6020	Nickel, Dissolved	0.0015	mg/L	0.0010	12/17/20 15:09	
EPA 8260	Benzene	0.27J	ug/L	1.0	12/15/20 15:55	
EPA 8260	Ethylbenzene	2.1	ug/L	1.1	12/15/20 15:55	
EPA 8260	Toluene	0.74J	ug/L	1.0	12/15/20 15:55	
EPA 8260	Vinyl chloride	2.3	ug/L	1.0	12/15/20 15:55	
EPA 8260	Xylene (Total)	3.4	ug/L	3.0	12/15/20 15:55	
SM 4500-S F (2000)	Sulfide	1.6J	mg/L	4.0	12/16/20 15:07	
EPA 300.0	Chloride	20.0	mg/L	2.0	12/15/20 05:23	

REPORT OF LABORATORY ANALYSIS

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SUMMARY OF DETECTION

Project: 60646104 KEP

Pace Project No.: 40219790

Lab Sample ID	Client Sample ID	Result	Units	Report Limit	Analyzed	Qualifiers
Method	Parameters					
40219790015	MW-2108					
EPA 300.0	Sulfate	144	mg/L	10.0	12/15/20 16:52	
EPA 310.2	Alkalinity, Total as CaCO3	159	mg/L	24.8	12/16/20 12:51	
EPA 410.4	Chemical Oxygen Demand	28.2J	mg/L	50.0	12/16/20 21:43	
SM 5310C	Total Organic Carbon	8.8	mg/L	5.0	12/15/20 10:03	
40219790016	MW-2107					
EPA 8015B Modified	Ethane	8.2	ug/L	5.6	12/18/20 11:43	
EPA 8015B Modified	Ethene	17.8	ug/L	5.0	12/18/20 11:43	
EPA 8015B Modified	Methane	493	ug/L	11.2	12/18/20 13:08	
EPA 6020	Iron	1.0	mg/L	0.25	12/17/20 21:53	
EPA 6020	Manganese	0.17	mg/L	0.0040	12/17/20 21:53	
EPA 6020	Barium, Dissolved	0.24	mg/L	0.0023	12/17/20 15:30	
EPA 6020	Iron, Dissolved	1.1	mg/L	0.25	12/17/20 15:30	D9
EPA 6020	Manganese, Dissolved	0.18	mg/L	0.0040	12/17/20 15:30	D9
EPA 6020	Nickel, Dissolved	0.0024	mg/L	0.0010	12/17/20 15:30	
EPA 8260	Chloroethane	8.6J	ug/L	12.5	12/15/20 12:32	
EPA 8260	cis-1,2-Dichloroethene	8.8	ug/L	2.5	12/15/20 12:32	
EPA 8260	Vinyl chloride	293	ug/L	2.5	12/15/20 12:32	
EPA 300.0	Chloride	40.3	mg/L	2.0	12/15/20 05:37	
EPA 300.0	Sulfate	161	mg/L	20.0	12/15/20 17:07	
EPA 310.2	Alkalinity, Total as CaCO3	292	mg/L	24.8	12/16/20 12:52	
EPA 410.4	Chemical Oxygen Demand	52.9	mg/L	50.0	12/16/20 21:44	
SM 5310C	Total Organic Carbon	16.3	mg/L	15.0	12/15/20 10:17	
40219790017	PZ-2107					
EPA 8015B Modified	Ethane	4.2J	ug/L	5.6	12/18/20 11:50	
EPA 8015B Modified	Ethene	42.8	ug/L	5.0	12/18/20 11:50	
EPA 8015B Modified	Methane	72.5	ug/L	2.8	12/18/20 11:50	
EPA 6020	Manganese	0.085	mg/L	0.0040	12/17/20 22:00	
EPA 6020	Barium, Dissolved	0.10	mg/L	0.0023	12/17/20 15:37	
EPA 6020	Manganese, Dissolved	0.086	mg/L	0.0040	12/17/20 15:37	D9
EPA 6020	Nickel, Dissolved	0.0069	mg/L	0.0010	12/17/20 15:37	
EPA 8260	cis-1,2-Dichloroethene	3680	ug/L	50.0	12/16/20 08:45	
EPA 8260	trans-1,2-Dichloroethene	51.9	ug/L	15.5	12/15/20 12:55	
EPA 8260	Vinyl chloride	1340	ug/L	10.0	12/15/20 12:55	
EPA 300.0	Chloride	431	mg/L	40.0	12/15/20 17:21	
EPA 300.0	Sulfate	532	mg/L	40.0	12/15/20 17:21	
EPA 310.2	Alkalinity, Total as CaCO3	356	mg/L	24.8	12/16/20 12:56	
EPA 410.4	Chemical Oxygen Demand	41.7J	mg/L	50.0	12/16/20 21:44	
SM 5310C	Total Organic Carbon	11.9	mg/L	3.0	12/15/20 10:31	
40219790018	MW-61					
EPA 8015B Modified	Ethane	21.6	ug/L	5.6	12/18/20 11:57	
EPA 8015B Modified	Ethene	42.9	ug/L	5.0	12/18/20 11:57	
EPA 8015B Modified	Methane	703	ug/L	28.0	12/18/20 13:15	
EPA 6020	Iron	1.8	mg/L	0.25	12/17/20 22:07	
EPA 6020	Manganese	0.13	mg/L	0.0040	12/17/20 22:07	
EPA 6020	Barium, Dissolved	0.25	mg/L	0.0023	12/17/20 15:43	
EPA 6020	Iron, Dissolved	2.0	mg/L	0.25	12/17/20 15:43	D9

REPORT OF LABORATORY ANALYSIS

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SUMMARY OF DETECTION

Project: 60646104 KEP

Pace Project No.: 40219790

Lab Sample ID	Client Sample ID	Result	Units	Report Limit	Analyzed	Qualifiers
Method	Parameters					
40219790018	MW-61					
EPA 6020	Manganese, Dissolved	0.14	mg/L	0.0040	12/17/20 15:43	D9
EPA 6020	Nickel, Dissolved	0.00055J	mg/L	0.0010	12/17/20 15:43	
EPA 8260	Benzene	12.4	ug/L	10.0	12/15/20 13:17	
EPA 8260	1,1-Dichloroethene	5.3J	ug/L	10.0	12/15/20 13:17	
EPA 8260	cis-1,2-Dichloroethene	1850	ug/L	10.0	12/15/20 13:17	
EPA 8260	trans-1,2-Dichloroethene	37.2	ug/L	15.5	12/15/20 13:17	
EPA 8260	Trichloroethene	124	ug/L	10.0	12/15/20 13:17	
EPA 8260	Vinyl chloride	1150	ug/L	10.0	12/15/20 13:17	
EPA 300.0	Chloride	236	mg/L	20.0	12/15/20 17:35	
EPA 300.0	Sulfate	27.4	mg/L	2.0	12/15/20 06:06	
EPA 310.2	Alkalinity, Total as CaCO3	435	mg/L	49.6	12/16/20 12:57	
EPA 410.4	Chemical Oxygen Demand	17.0J	mg/L	50.0	12/16/20 21:44	
SM 5310C	Total Organic Carbon	4.9	mg/L	3.0	12/15/20 10:45	
40219790019	PZ-61					
EPA 8015B Modified	Ethane	11.4	ug/L	5.6	12/18/20 12:04	
EPA 8015B Modified	Ethene	6.5	ug/L	5.0	12/18/20 12:04	
EPA 8015B Modified	Methane	5760	ug/L	140	12/18/20 13:21	
EPA 6020	Iron	50.8	mg/L	0.25	12/17/20 22:13	
EPA 6020	Manganese	0.088	mg/L	0.0040	12/17/20 22:13	
EPA 6020	Barium, Dissolved	1.2	mg/L	0.0023	12/17/20 15:50	
EPA 6020	Iron, Dissolved	57.8	mg/L	5.0	12/18/20 15:38	D9
EPA 6020	Manganese, Dissolved	0.092	mg/L	0.081	12/18/20 15:38	D9
EPA 6020	Nickel, Dissolved	0.019J	mg/L	0.020	12/18/20 15:38	D3
EPA 8260	cis-1,2-Dichloroethene	0.61J	ug/L	1.0	12/15/20 16:17	
EPA 8260	Toluene	1.5	ug/L	1.0	12/15/20 16:17	
EPA 8260	Vinyl chloride	0.34J	ug/L	1.0	12/15/20 16:17	
EPA 300.0	Chloride	1050	mg/L	100	12/16/20 12:52	
EPA 310.2	Alkalinity, Total as CaCO3	1150	mg/L	124	12/16/20 12:58	M0
EPA 410.4	Chemical Oxygen Demand	531	mg/L	50.0	12/16/20 21:44	
SM 5310C	Total Organic Carbon	169	mg/L	30.0	12/15/20 10:59	
40219790020	PZ-75					
EPA 8015B Modified	Methane	1240	ug/L	28.0	12/18/20 13:29	
EPA 6020	Iron	1.9	mg/L	0.25	12/17/20 22:20	
EPA 6020	Manganese	0.41	mg/L	0.0040	12/17/20 22:20	
EPA 6020	Barium, Dissolved	0.049	mg/L	0.0023	12/17/20 15:57	
EPA 6020	Iron, Dissolved	1.9	mg/L	0.25	12/17/20 15:57	
EPA 6020	Manganese, Dissolved	0.41	mg/L	0.0040	12/17/20 15:57	
EPA 6020	Nickel, Dissolved	0.0014	mg/L	0.0010	12/17/20 15:57	
EPA 300.0	Chloride	2.8J	mg/L	10.0	12/16/20 13:07	D3
EPA 300.0	Sulfate	6.1J	mg/L	10.0	12/16/20 13:07	D3
EPA 310.2	Alkalinity, Total as CaCO3	206	mg/L	124	12/16/20 13:31	
EPA 410.4	Chemical Oxygen Demand	75.4	mg/L	50.0	12/16/20 21:44	
SM 5310C	Total Organic Carbon	10.4	mg/L	1.0	12/15/20 11:14	
40219790021	MW-114					
EPA 8015B Modified	Methane	63.9	ug/L	2.8	12/18/20 12:18	
EPA 6020	Iron	2.3	mg/L	0.25	12/17/20 05:41	

REPORT OF LABORATORY ANALYSIS

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SUMMARY OF DETECTION

Project: 60646104 KEP
Pace Project No.: 40219790

Lab Sample ID Method	Client Sample ID Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
40219790021	MW-114					
EPA 6020	Manganese	0.059	mg/L	0.0040	12/17/20 05:41	
EPA 6020	Barium, Dissolved	0.038	mg/L	0.0023	12/17/20 10:23	
EPA 6020	Iron, Dissolved	2.4	mg/L	0.25	12/17/20 10:23	D9
EPA 6020	Manganese, Dissolved	0.066	mg/L	0.0040	12/17/20 10:23	D9
EPA 300.0	Chloride	55.7	mg/L	20.0	12/16/20 00:54	
EPA 300.0	Sulfate	146	mg/L	20.0	12/16/20 00:54	
EPA 310.2	Alkalinity, Total as CaCO3	362	mg/L	49.6	12/16/20 13:05	
SM 5310C	Total Organic Carbon	2.3	mg/L	0.50	12/17/20 23:09	
40219790023	TB-121120-2					
EPA 8260	Chlorobenzene	1.4J	ug/L	2.4	12/15/20 10:31	
EPA 8260	Ethylbenzene	0.54J	ug/L	1.1	12/15/20 10:31	
EPA 8260	Vinyl chloride	0.65J	ug/L	1.0	12/15/20 10:31	
40219790024	TB-121120-1					
EPA 8260	Chlorobenzene	1.4J	ug/L	2.4	12/15/20 10:53	
EPA 8260	Ethylbenzene	0.53J	ug/L	1.1	12/15/20 10:53	
EPA 8260	Vinyl chloride	0.88J	ug/L	1.0	12/15/20 10:53	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 60646104 KEP
Pace Project No.: 40219790

Sample: MW-2201 **Lab ID: 40219790001** Collected: 12/09/20 10:55 Received: 12/12/20 10:45 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	<1.2	ug/L	5.6	1.2	1		12/15/20 12:05	74-84-0	
Ethene	<1.2	ug/L	5.0	1.2	1		12/15/20 12:05	74-85-1	
Methane	49.8	ug/L	2.8	0.66	1		12/15/20 12:05	74-82-8	
6020 MET ICPMS									
Analytical Method: EPA 6020 Preparation Method: EPA 3010 Pace Analytical Services - Green Bay									
Iron	3.6	mg/L	0.25	0.058	1	12/15/20 05:32	12/17/20 19:17	7439-89-6	
Manganese	0.23	mg/L	0.0040	0.0012	1	12/15/20 05:32	12/17/20 19:17	7439-96-5	
6020 MET ICPMS, Dissolved									
Analytical Method: EPA 6020 Preparation Method: EPA 3010 Pace Analytical Services - Green Bay									
Barium, Dissolved	0.050	mg/L	0.0023	0.00070	1	12/15/20 05:44	12/17/20 12:53	7440-39-3	
Chromium, Dissolved	<0.0010	mg/L	0.0034	0.0010	1	12/15/20 05:44	12/17/20 12:53	7440-47-3	
Iron, Dissolved	3.7	mg/L	0.25	0.058	1	12/15/20 05:44	12/17/20 12:53	7439-89-6	D9
Lead, Dissolved	<0.00024	mg/L	0.0010	0.00024	1	12/15/20 05:44	12/17/20 12:53	7439-92-1	
Manganese, Dissolved	0.23	mg/L	0.0040	0.0012	1	12/15/20 05:44	12/17/20 12:53	7439-96-5	
Nickel, Dissolved	0.00036J	mg/L	0.0010	0.00028	1	12/15/20 05:44	12/17/20 12:53	7440-02-0	
8260 MSV									
Analytical Method: EPA 8260 Pace Analytical Services - Green Bay									
Benzene	<0.25	ug/L	1.0	0.25	1		12/15/20 14:25	71-43-2	
Bromobenzene	<0.24	ug/L	1.0	0.24	1		12/15/20 14:25	108-86-1	
Bromochloromethane	<0.36	ug/L	5.0	0.36	1		12/15/20 14:25	74-97-5	
Bromodichloromethane	<0.36	ug/L	1.2	0.36	1		12/15/20 14:25	75-27-4	
Bromoform	<4.0	ug/L	13.2	4.0	1		12/15/20 14:25	75-25-2	
Bromomethane	<0.97	ug/L	5.0	0.97	1		12/15/20 14:25	74-83-9	
n-Butylbenzene	<0.71	ug/L	2.4	0.71	1		12/15/20 14:25	104-51-8	
sec-Butylbenzene	<0.85	ug/L	5.0	0.85	1		12/15/20 14:25	135-98-8	
tert-Butylbenzene	<0.30	ug/L	1.0	0.30	1		12/15/20 14:25	98-06-6	
Carbon tetrachloride	<1.1	ug/L	3.6	1.1	1		12/15/20 14:25	56-23-5	
Chlorobenzene	<0.71	ug/L	2.4	0.71	1		12/15/20 14:25	108-90-7	
Chloroethane	<1.3	ug/L	5.0	1.3	1		12/15/20 14:25	75-00-3	
Chloroform	<1.3	ug/L	5.0	1.3	1		12/15/20 14:25	67-66-3	
Chloromethane	<2.2	ug/L	7.3	2.2	1		12/15/20 14:25	74-87-3	
2-Chlorotoluene	<0.93	ug/L	5.0	0.93	1		12/15/20 14:25	95-49-8	
4-Chlorotoluene	<0.76	ug/L	2.5	0.76	1		12/15/20 14:25	106-43-4	
1,2-Dibromo-3-chloropropane	<1.8	ug/L	5.9	1.8	1		12/15/20 14:25	96-12-8	L2
Dibromochloromethane	<2.6	ug/L	8.7	2.6	1		12/15/20 14:25	124-48-1	
1,2-Dibromoethane (EDB)	<0.83	ug/L	2.8	0.83	1		12/15/20 14:25	106-93-4	
Dibromomethane	<0.94	ug/L	3.1	0.94	1		12/15/20 14:25	74-95-3	
1,2-Dichlorobenzene	<0.71	ug/L	2.4	0.71	1		12/15/20 14:25	95-50-1	
1,3-Dichlorobenzene	<0.63	ug/L	2.1	0.63	1		12/15/20 14:25	541-73-1	
1,4-Dichlorobenzene	<0.94	ug/L	3.1	0.94	1		12/15/20 14:25	106-46-7	
Dichlorodifluoromethane	<0.50	ug/L	5.0	0.50	1		12/15/20 14:25	75-71-8	
1,1-Dichloroethane	9.6	ug/L	1.0	0.27	1		12/15/20 14:25	75-34-3	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 60646104 KEP

Pace Project No.: 40219790

Sample: MW-2201 **Lab ID: 40219790001** Collected: 12/09/20 10:55 Received: 12/12/20 10:45 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-Dichloroethane	<0.28	ug/L	1.0	0.28	1		12/15/20 14:25	107-06-2	
1,1-Dichloroethene	0.53J	ug/L	1.0	0.24	1		12/15/20 14:25	75-35-4	
cis-1,2-Dichloroethene	289	ug/L	1.0	0.27	1		12/15/20 14:25	156-59-2	
trans-1,2-Dichloroethene	35.3	ug/L	1.5	0.46	1		12/15/20 14:25	156-60-5	
1,2-Dichloropropane	<0.28	ug/L	1.0	0.28	1		12/15/20 14:25	78-87-5	
1,3-Dichloropropane	<0.83	ug/L	2.8	0.83	1		12/15/20 14:25	142-28-9	
2,2-Dichloropropane	<2.3	ug/L	7.6	2.3	1		12/15/20 14:25	594-20-7	
1,1-Dichloropropene	<0.54	ug/L	1.8	0.54	1		12/15/20 14:25	563-58-6	
cis-1,3-Dichloropropene	<3.6	ug/L	12.1	3.6	1		12/15/20 14:25	10061-01-5	
trans-1,3-Dichloropropene	<4.4	ug/L	14.6	4.4	1		12/15/20 14:25	10061-02-6	
Diisopropyl ether	<1.9	ug/L	6.3	1.9	1		12/15/20 14:25	108-20-3	
Ethylbenzene	<0.32	ug/L	1.1	0.32	1		12/15/20 14:25	100-41-4	
Hexachloro-1,3-butadiene	<1.5	ug/L	4.9	1.5	1		12/15/20 14:25	87-68-3	
Isopropylbenzene (Cumene)	<1.7	ug/L	5.6	1.7	1		12/15/20 14:25	98-82-8	
p-Isopropyltoluene	<0.80	ug/L	2.7	0.80	1		12/15/20 14:25	99-87-6	
Methylene Chloride	<0.58	ug/L	5.0	0.58	1		12/15/20 14:25	75-09-2	
Methyl-tert-butyl ether	<1.2	ug/L	4.2	1.2	1		12/15/20 14:25	1634-04-4	
Naphthalene	<1.2	ug/L	5.0	1.2	1		12/15/20 14:25	91-20-3	
n-Propylbenzene	<0.81	ug/L	5.0	0.81	1		12/15/20 14:25	103-65-1	
Styrene	<3.0	ug/L	10.0	3.0	1		12/15/20 14:25	100-42-5	
1,1,1,2-Tetrachloroethane	<0.27	ug/L	1.0	0.27	1		12/15/20 14:25	630-20-6	
1,1,2,2-Tetrachloroethane	<0.28	ug/L	1.0	0.28	1		12/15/20 14:25	79-34-5	
Tetrachloroethene	<0.33	ug/L	1.1	0.33	1		12/15/20 14:25	127-18-4	
Toluene	<0.27	ug/L	1.0	0.27	1		12/15/20 14:25	108-88-3	
1,2,3-Trichlorobenzene	<2.2	ug/L	7.4	2.2	1		12/15/20 14:25	87-61-6	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		12/15/20 14:25	120-82-1	
1,1,1-Trichloroethane	<0.24	ug/L	1.0	0.24	1		12/15/20 14:25	71-55-6	
1,1,2-Trichloroethane	<0.55	ug/L	5.0	0.55	1		12/15/20 14:25	79-00-5	
Trichloroethene	16.1	ug/L	1.0	0.26	1		12/15/20 14:25	79-01-6	
Trichlorofluoromethane	<0.21	ug/L	1.0	0.21	1		12/15/20 14:25	75-69-4	
1,2,3-Trichloropropane	<0.59	ug/L	5.0	0.59	1		12/15/20 14:25	96-18-4	
1,2,4-Trimethylbenzene	<0.84	ug/L	2.8	0.84	1		12/15/20 14:25	95-63-6	
1,3,5-Trimethylbenzene	<0.87	ug/L	2.9	0.87	1		12/15/20 14:25	108-67-8	
Vinyl chloride	11.6	ug/L	1.0	0.17	1		12/15/20 14:25	75-01-4	
Xylene (Total)	<1.5	ug/L	3.0	1.5	1		12/15/20 14:25	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	96	%	70-130		1		12/15/20 14:25	460-00-4	
Dibromofluoromethane (S)	99	%	70-130		1		12/15/20 14:25	1868-53-7	
Toluene-d8 (S)	96	%	70-130		1		12/15/20 14:25	2037-26-5	
4500S2F Sulfide, Iodometric									
Analytical Method: SM 4500-S F (2000)									
Pace Analytical Services - Green Bay									
Sulfide	<1.2	mg/L	4.0	1.2	1		12/16/20 14:16		

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 60646104 KEP
Pace Project No.: 40219790

Sample: MW-2201 **Lab ID: 40219790001** Collected: 12/09/20 10:55 Received: 12/12/20 10:45 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
300.0 IC Anions									
Analytical Method: EPA 300.0 Pace Analytical Services - Green Bay									
Chloride	33.6	mg/L	2.0	0.43	1		12/14/20 14:39	16887-00-6	
Sulfate	249	mg/L	20.0	4.4	10		12/15/20 13:39	14808-79-8	
310.2 Alkalinity									
Analytical Method: EPA 310.2 Pace Analytical Services - Green Bay									
Alkalinity, Total as CaCO ₃	365	mg/L	49.6	14.9	2		12/16/20 12:30		
410.4 COD									
Analytical Method: EPA 410.4 Preparation Method: EPA 410.4 Pace Analytical Services - Green Bay									
Chemical Oxygen Demand	<14.7	mg/L	50.0	14.7	1	12/16/20 17:17	12/16/20 21:40		
5310C TOC									
Analytical Method: SM 5310C Pace Analytical Services - Green Bay									
Total Organic Carbon	4.4	mg/L	0.50	0.14	1		12/15/20 04:32	7440-44-0	

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ANALYTICAL RESULTS

Project: 60646104 KEP

Pace Project No.: 40219790

Sample: MW-2201D **Lab ID: 40219790002** Collected: 12/09/20 11:00 Received: 12/12/20 10:45 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	<1.2	ug/L	5.6	1.2	1		12/15/20 12:12	74-84-0	
Ethene	<1.2	ug/L	5.0	1.2	1		12/15/20 12:12	74-85-1	
Methane	45.5	ug/L	2.8	0.66	1		12/15/20 12:12	74-82-8	
6020 MET ICPMS									
Analytical Method: EPA 6020 Preparation Method: EPA 3010 Pace Analytical Services - Green Bay									
Iron	3.7	mg/L	0.25	0.058	1	12/15/20 05:32	12/17/20 19:44	7439-89-6	
Manganese	0.22	mg/L	0.0040	0.0012	1	12/15/20 05:32	12/17/20 19:44	7439-96-5	
6020 MET ICPMS, Dissolved									
Analytical Method: EPA 6020 Preparation Method: EPA 3010 Pace Analytical Services - Green Bay									
Barium, Dissolved	0.050	mg/L	0.0023	0.00070	1	12/15/20 05:44	12/17/20 13:20	7440-39-3	
Chromium, Dissolved	0.0014J	mg/L	0.0034	0.0010	1	12/15/20 05:44	12/17/20 13:20	7440-47-3	
Iron, Dissolved	3.9	mg/L	0.25	0.058	1	12/15/20 05:44	12/17/20 13:20	7439-89-6	D9
Lead, Dissolved	<0.00024	mg/L	0.0010	0.00024	1	12/15/20 05:44	12/17/20 13:20	7439-92-1	
Manganese, Dissolved	0.22	mg/L	0.0040	0.0012	1	12/15/20 05:44	12/17/20 13:20	7439-96-5	
Nickel, Dissolved	0.00076J	mg/L	0.0010	0.00028	1	12/15/20 05:44	12/17/20 13:20	7440-02-0	
8260 MSV									
Analytical Method: EPA 8260 Pace Analytical Services - Green Bay									
Benzene	<0.49	ug/L	2.0	0.49	2		12/15/20 11:25	71-43-2	
Bromobenzene	<0.48	ug/L	2.0	0.48	2		12/15/20 11:25	108-86-1	
Bromochloromethane	<0.72	ug/L	10.0	0.72	2		12/15/20 11:25	74-97-5	
Bromodichloromethane	<0.73	ug/L	2.4	0.73	2		12/15/20 11:25	75-27-4	
Bromoform	<7.9	ug/L	26.5	7.9	2		12/15/20 11:25	75-25-2	
Bromomethane	<1.9	ug/L	10.0	1.9	2		12/15/20 11:25	74-83-9	
n-Butylbenzene	<1.4	ug/L	4.7	1.4	2		12/15/20 11:25	104-51-8	
sec-Butylbenzene	<1.7	ug/L	10.0	1.7	2		12/15/20 11:25	135-98-8	
tert-Butylbenzene	<0.61	ug/L	2.0	0.61	2		12/15/20 11:25	98-06-6	
Carbon tetrachloride	<2.2	ug/L	7.2	2.2	2		12/15/20 11:25	56-23-5	
Chlorobenzene	<1.4	ug/L	4.7	1.4	2		12/15/20 11:25	108-90-7	
Chloroethane	<2.7	ug/L	10.0	2.7	2		12/15/20 11:25	75-00-3	
Chloroform	<2.5	ug/L	10.0	2.5	2		12/15/20 11:25	67-66-3	
Chloromethane	<4.4	ug/L	14.6	4.4	2		12/15/20 11:25	74-87-3	
2-Chlorotoluene	<1.9	ug/L	10.0	1.9	2		12/15/20 11:25	95-49-8	
4-Chlorotoluene	<1.5	ug/L	5.0	1.5	2		12/15/20 11:25	106-43-4	
1,2-Dibromo-3-chloropropane	<3.5	ug/L	11.8	3.5	2		12/15/20 11:25	96-12-8	L2
Dibromochloromethane	<5.2	ug/L	17.3	5.2	2		12/15/20 11:25	124-48-1	
1,2-Dibromoethane (EDB)	<1.7	ug/L	5.5	1.7	2		12/15/20 11:25	106-93-4	
Dibromomethane	<1.9	ug/L	6.2	1.9	2		12/15/20 11:25	74-95-3	
1,2-Dichlorobenzene	<1.4	ug/L	4.7	1.4	2		12/15/20 11:25	95-50-1	
1,3-Dichlorobenzene	<1.3	ug/L	4.2	1.3	2		12/15/20 11:25	541-73-1	
1,4-Dichlorobenzene	<1.9	ug/L	6.3	1.9	2		12/15/20 11:25	106-46-7	
Dichlorodifluoromethane	<1.0	ug/L	10.0	1.0	2		12/15/20 11:25	75-71-8	
1,1-Dichloroethane	8.6	ug/L	2.0	0.55	2		12/15/20 11:25	75-34-3	

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ANALYTICAL RESULTS

Project: 60646104 KEP

Pace Project No.: 40219790

Sample: MW-2201D **Lab ID: 40219790002** Collected: 12/09/20 11:00 Received: 12/12/20 10:45 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-Dichloroethane	<0.56	ug/L	2.0	0.56	2		12/15/20 11:25	107-06-2	
1,1-Dichloroethane	<0.49	ug/L	2.0	0.49	2		12/15/20 11:25	75-35-4	
cis-1,2-Dichloroethene	276	ug/L	2.0	0.54	2		12/15/20 11:25	156-59-2	
trans-1,2-Dichloroethene	32.6	ug/L	3.1	0.93	2		12/15/20 11:25	156-60-5	
1,2-Dichloropropane	<0.57	ug/L	2.0	0.57	2		12/15/20 11:25	78-87-5	
1,3-Dichloropropane	<1.7	ug/L	5.5	1.7	2		12/15/20 11:25	142-28-9	
2,2-Dichloropropane	<4.5	ug/L	15.1	4.5	2		12/15/20 11:25	594-20-7	
1,1-Dichloropropene	<1.1	ug/L	3.6	1.1	2		12/15/20 11:25	563-58-6	
cis-1,3-Dichloropropene	<7.3	ug/L	24.2	7.3	2		12/15/20 11:25	10061-01-5	
trans-1,3-Dichloropropene	<8.7	ug/L	29.1	8.7	2		12/15/20 11:25	10061-02-6	
Diisopropyl ether	<3.8	ug/L	12.6	3.8	2		12/15/20 11:25	108-20-3	
Ethylbenzene	<0.64	ug/L	2.1	0.64	2		12/15/20 11:25	100-41-4	
Hexachloro-1,3-butadiene	<2.9	ug/L	9.8	2.9	2		12/15/20 11:25	87-68-3	
Isopropylbenzene (Cumene)	<3.4	ug/L	11.2	3.4	2		12/15/20 11:25	98-82-8	
p-Isopropyltoluene	<1.6	ug/L	5.3	1.6	2		12/15/20 11:25	99-87-6	
Methylene Chloride	<1.2	ug/L	10.0	1.2	2		12/15/20 11:25	75-09-2	
Methyl-tert-butyl ether	<2.5	ug/L	8.3	2.5	2		12/15/20 11:25	1634-04-4	
Naphthalene	<2.4	ug/L	10.0	2.4	2		12/15/20 11:25	91-20-3	
n-Propylbenzene	<1.6	ug/L	10.0	1.6	2		12/15/20 11:25	103-65-1	
Styrene	<6.0	ug/L	20.1	6.0	2		12/15/20 11:25	100-42-5	
1,1,1,2-Tetrachloroethane	<0.54	ug/L	2.0	0.54	2		12/15/20 11:25	630-20-6	
1,1,2,2-Tetrachloroethane	<0.55	ug/L	2.0	0.55	2		12/15/20 11:25	79-34-5	
Tetrachloroethene	<0.65	ug/L	2.2	0.65	2		12/15/20 11:25	127-18-4	
Toluene	<0.54	ug/L	2.0	0.54	2		12/15/20 11:25	108-88-3	
1,2,3-Trichlorobenzene	<4.4	ug/L	14.7	4.4	2		12/15/20 11:25	87-61-6	
1,2,4-Trichlorobenzene	<1.9	ug/L	10.0	1.9	2		12/15/20 11:25	120-82-1	
1,1,1-Trichloroethane	<0.49	ug/L	2.0	0.49	2		12/15/20 11:25	71-55-6	
1,1,2-Trichloroethane	<1.1	ug/L	10.0	1.1	2		12/15/20 11:25	79-00-5	
Trichloroethene	13.1	ug/L	2.0	0.51	2		12/15/20 11:25	79-01-6	
Trichlorofluoromethane	<0.43	ug/L	2.0	0.43	2		12/15/20 11:25	75-69-4	
1,2,3-Trichloropropane	<1.2	ug/L	10.0	1.2	2		12/15/20 11:25	96-18-4	
1,2,4-Trimethylbenzene	<1.7	ug/L	5.6	1.7	2		12/15/20 11:25	95-63-6	
1,3,5-Trimethylbenzene	<1.7	ug/L	5.8	1.7	2		12/15/20 11:25	108-67-8	
Vinyl chloride	10.5	ug/L	2.0	0.35	2		12/15/20 11:25	75-01-4	
Xylene (Total)	<3.0	ug/L	6.0	3.0	2		12/15/20 11:25	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	96	%	70-130		2		12/15/20 11:25	460-00-4	
Dibromofluoromethane (S)	101	%	70-130		2		12/15/20 11:25	1868-53-7	
Toluene-d8 (S)	95	%	70-130		2		12/15/20 11:25	2037-26-5	

4500S2F Sulfide, Iodometric

Analytical Method: SM 4500-S F (2000)

Pace Analytical Services - Green Bay

Sulfide	<1.2	mg/L	4.0	1.2	1		12/16/20 14:31		
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ANALYTICAL RESULTS

Project: 60646104 KEP
Pace Project No.: 40219790

Sample: MW-2201D **Lab ID: 40219790002** Collected: 12/09/20 11:00 Received: 12/12/20 10:45 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
300.0 IC Anions									
Analytical Method: EPA 300.0 Pace Analytical Services - Green Bay									
Chloride	35.7	mg/L	2.0	0.43	1		12/14/20 16:34	16887-00-6	
Sulfate	249	mg/L	20.0	4.4	10		12/15/20 13:54	14808-79-8	
310.2 Alkalinity									
Analytical Method: EPA 310.2 Pace Analytical Services - Green Bay									
Alkalinity, Total as CaCO ₃	350	mg/L	24.8	7.4	1		12/16/20 12:31		
410.4 COD									
Analytical Method: EPA 410.4 Preparation Method: EPA 410.4 Pace Analytical Services - Green Bay									
Chemical Oxygen Demand	20.3J	mg/L	52.6	15.5	1	12/16/20 17:17	12/16/20 21:42		
5310C TOC									
Analytical Method: SM 5310C Pace Analytical Services - Green Bay									
Total Organic Carbon	4.6	mg/L	0.50	0.14	1		12/15/20 05:20	7440-44-0	

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ANALYTICAL RESULTS

Project: 60646104 KEP

Pace Project No.: 40219790

Sample: MW-2101 **Lab ID: 40219790003** Collected: 12/09/20 12:45 Received: 12/12/20 10:45 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	4.5J	ug/L	5.6	1.2	1		12/15/20 12:19	74-84-0	
Ethene	<1.2	ug/L	5.0	1.2	1		12/15/20 12:19	74-85-1	
Methane	182	ug/L	7.0	1.7	2.5		12/15/20 13:10	74-82-8	
6020 MET ICPMS									
Analytical Method: EPA 6020 Preparation Method: EPA 3010									
Pace Analytical Services - Green Bay									
Iron	1.2	mg/L	0.25	0.058	1	12/15/20 05:32	12/17/20 20:11	7439-89-6	
Manganese	0.20	mg/L	0.0040	0.0012	1	12/15/20 05:32	12/17/20 20:11	7439-96-5	
6020 MET ICPMS, Dissolved									
Analytical Method: EPA 6020 Preparation Method: EPA 3010									
Pace Analytical Services - Green Bay									
Barium, Dissolved	0.078	mg/L	0.0023	0.00070	1	12/15/20 05:44	12/17/20 13:34	7440-39-3	
Chromium, Dissolved	<0.0010	mg/L	0.0034	0.0010	1	12/15/20 05:44	12/17/20 13:34	7440-47-3	
Iron, Dissolved	1.2	mg/L	0.25	0.058	1	12/15/20 05:44	12/17/20 13:34	7439-89-6	
Lead, Dissolved	<0.00024	mg/L	0.0010	0.00024	1	12/15/20 05:44	12/17/20 13:34	7439-92-1	
Manganese, Dissolved	0.21	mg/L	0.0040	0.0012	1	12/15/20 05:44	12/17/20 13:34	7439-96-5	D9
Nickel, Dissolved	0.0011	mg/L	0.0010	0.00028	1	12/15/20 05:44	12/17/20 13:34	7440-02-0	
8260 MSV									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
Benzene	<0.25	ug/L	1.0	0.25	1		12/15/20 14:47	71-43-2	
Bromobenzene	<0.24	ug/L	1.0	0.24	1		12/15/20 14:47	108-86-1	
Bromochloromethane	<0.36	ug/L	5.0	0.36	1		12/15/20 14:47	74-97-5	
Bromodichloromethane	<0.36	ug/L	1.2	0.36	1		12/15/20 14:47	75-27-4	
Bromoform	<4.0	ug/L	13.2	4.0	1		12/15/20 14:47	75-25-2	
Bromomethane	<0.97	ug/L	5.0	0.97	1		12/15/20 14:47	74-83-9	
n-Butylbenzene	<0.71	ug/L	2.4	0.71	1		12/15/20 14:47	104-51-8	
sec-Butylbenzene	<0.85	ug/L	5.0	0.85	1		12/15/20 14:47	135-98-8	
tert-Butylbenzene	<0.30	ug/L	1.0	0.30	1		12/15/20 14:47	98-06-6	
Carbon tetrachloride	<1.1	ug/L	3.6	1.1	1		12/15/20 14:47	56-23-5	
Chlorobenzene	<0.71	ug/L	2.4	0.71	1		12/15/20 14:47	108-90-7	
Chloroethane	<1.3	ug/L	5.0	1.3	1		12/15/20 14:47	75-00-3	
Chloroform	<1.3	ug/L	5.0	1.3	1		12/15/20 14:47	67-66-3	
Chloromethane	<2.2	ug/L	7.3	2.2	1		12/15/20 14:47	74-87-3	
2-Chlorotoluene	<0.93	ug/L	5.0	0.93	1		12/15/20 14:47	95-49-8	
4-Chlorotoluene	<0.76	ug/L	2.5	0.76	1		12/15/20 14:47	106-43-4	
1,2-Dibromo-3-chloropropane	<1.8	ug/L	5.9	1.8	1		12/15/20 14:47	96-12-8	L2
Dibromochloromethane	<2.6	ug/L	8.7	2.6	1		12/15/20 14:47	124-48-1	
1,2-Dibromoethane (EDB)	<0.83	ug/L	2.8	0.83	1		12/15/20 14:47	106-93-4	
Dibromomethane	<0.94	ug/L	3.1	0.94	1		12/15/20 14:47	74-95-3	
1,2-Dichlorobenzene	<0.71	ug/L	2.4	0.71	1		12/15/20 14:47	95-50-1	
1,3-Dichlorobenzene	<0.63	ug/L	2.1	0.63	1		12/15/20 14:47	541-73-1	
1,4-Dichlorobenzene	<0.94	ug/L	3.1	0.94	1		12/15/20 14:47	106-46-7	
Dichlorodifluoromethane	<0.50	ug/L	5.0	0.50	1		12/15/20 14:47	75-71-8	
1,1-Dichloroethane	<0.27	ug/L	1.0	0.27	1		12/15/20 14:47	75-34-3	

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ANALYTICAL RESULTS

Project: 60646104 KEP

Pace Project No.: 40219790

Sample: MW-2101 **Lab ID: 40219790003** Collected: 12/09/20 12:45 Received: 12/12/20 10:45 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-Dichloroethane	<0.28	ug/L	1.0	0.28	1		12/15/20 14:47	107-06-2	
1,1-Dichloroethane	<0.24	ug/L	1.0	0.24	1		12/15/20 14:47	75-35-4	
cis-1,2-Dichloroethene	19.0	ug/L	1.0	0.27	1		12/15/20 14:47	156-59-2	
trans-1,2-Dichloroethene	<0.46	ug/L	1.5	0.46	1		12/15/20 14:47	156-60-5	
1,2-Dichloropropane	<0.28	ug/L	1.0	0.28	1		12/15/20 14:47	78-87-5	
1,3-Dichloropropane	<0.83	ug/L	2.8	0.83	1		12/15/20 14:47	142-28-9	
2,2-Dichloropropane	<2.3	ug/L	7.6	2.3	1		12/15/20 14:47	594-20-7	
1,1-Dichloropropene	<0.54	ug/L	1.8	0.54	1		12/15/20 14:47	563-58-6	
cis-1,3-Dichloropropene	<3.6	ug/L	12.1	3.6	1		12/15/20 14:47	10061-01-5	
trans-1,3-Dichloropropene	<4.4	ug/L	14.6	4.4	1		12/15/20 14:47	10061-02-6	
Diisopropyl ether	<1.9	ug/L	6.3	1.9	1		12/15/20 14:47	108-20-3	
Ethylbenzene	<0.32	ug/L	1.1	0.32	1		12/15/20 14:47	100-41-4	
Hexachloro-1,3-butadiene	<1.5	ug/L	4.9	1.5	1		12/15/20 14:47	87-68-3	
Isopropylbenzene (Cumene)	<1.7	ug/L	5.6	1.7	1		12/15/20 14:47	98-82-8	
p-Isopropyltoluene	<0.80	ug/L	2.7	0.80	1		12/15/20 14:47	99-87-6	
Methylene Chloride	<0.58	ug/L	5.0	0.58	1		12/15/20 14:47	75-09-2	
Methyl-tert-butyl ether	<1.2	ug/L	4.2	1.2	1		12/15/20 14:47	1634-04-4	
Naphthalene	<1.2	ug/L	5.0	1.2	1		12/15/20 14:47	91-20-3	
n-Propylbenzene	<0.81	ug/L	5.0	0.81	1		12/15/20 14:47	103-65-1	
Styrene	<3.0	ug/L	10.0	3.0	1		12/15/20 14:47	100-42-5	
1,1,1,2-Tetrachloroethane	<0.27	ug/L	1.0	0.27	1		12/15/20 14:47	630-20-6	
1,1,2,2-Tetrachloroethane	<0.28	ug/L	1.0	0.28	1		12/15/20 14:47	79-34-5	
Tetrachloroethene	<0.33	ug/L	1.1	0.33	1		12/15/20 14:47	127-18-4	
Toluene	<0.27	ug/L	1.0	0.27	1		12/15/20 14:47	108-88-3	
1,2,3-Trichlorobenzene	<2.2	ug/L	7.4	2.2	1		12/15/20 14:47	87-61-6	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		12/15/20 14:47	120-82-1	
1,1,1-Trichloroethane	<0.24	ug/L	1.0	0.24	1		12/15/20 14:47	71-55-6	
1,1,2-Trichloroethane	<0.55	ug/L	5.0	0.55	1		12/15/20 14:47	79-00-5	
Trichloroethene	0.74J	ug/L	1.0	0.26	1		12/15/20 14:47	79-01-6	
Trichlorofluoromethane	<0.21	ug/L	1.0	0.21	1		12/15/20 14:47	75-69-4	
1,2,3-Trichloropropane	<0.59	ug/L	5.0	0.59	1		12/15/20 14:47	96-18-4	
1,2,4-Trimethylbenzene	<0.84	ug/L	2.8	0.84	1		12/15/20 14:47	95-63-6	
1,3,5-Trimethylbenzene	<0.87	ug/L	2.9	0.87	1		12/15/20 14:47	108-67-8	
Vinyl chloride	249	ug/L	1.0	0.17	1		12/15/20 14:47	75-01-4	
Xylene (Total)	<1.5	ug/L	3.0	1.5	1		12/15/20 14:47	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	96	%	70-130		1		12/15/20 14:47	460-00-4	
Dibromofluoromethane (S)	99	%	70-130		1		12/15/20 14:47	1868-53-7	
Toluene-d8 (S)	96	%	70-130		1		12/15/20 14:47	2037-26-5	

4500S2F Sulfide, Iodometric

Analytical Method: SM 4500-S F (2000)

Pace Analytical Services - Green Bay

Sulfide	<1.2	mg/L	4.0	1.2	1		12/16/20 14:33		
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REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 60646104 KEP
Pace Project No.: 40219790

Sample: MW-2101 **Lab ID: 40219790003** Collected: 12/09/20 12:45 Received: 12/12/20 10:45 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
300.0 IC Anions									
Analytical Method: EPA 300.0 Pace Analytical Services - Green Bay									
Chloride	86.5	mg/L	20.0	4.3	10		12/15/20 14:09	16887-00-6	
Sulfate	192	mg/L	20.0	4.4	10		12/15/20 14:09	14808-79-8	
310.2 Alkalinity									
Analytical Method: EPA 310.2 Pace Analytical Services - Green Bay									
Alkalinity, Total as CaCO ₃	380	mg/L	24.8	7.4	1		12/16/20 12:32		
410.4 COD									
Analytical Method: EPA 410.4 Preparation Method: EPA 410.4 Pace Analytical Services - Green Bay									
Chemical Oxygen Demand	25.0J	mg/L	52.6	15.5	1	12/16/20 17:17	12/16/20 21:42		
5310C TOC									
Analytical Method: SM 5310C Pace Analytical Services - Green Bay									
Total Organic Carbon	7.7	mg/L	3.0	0.83	6		12/15/20 06:07	7440-44-0	

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ANALYTICAL RESULTS

Project: 60646104 KEP
Pace Project No.: 40219790

Sample: PZ-2101 **Lab ID: 40219790004** Collected: 12/09/20 14:00 Received: 12/12/20 10:45 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	1.7J	ug/L	5.6	1.2	1		12/15/20 12:26	74-84-0	
Ethene	10.2	ug/L	5.0	1.2	1		12/15/20 12:26	74-85-1	
Methane	102	ug/L	2.8	0.66	1		12/15/20 12:26	74-82-8	
6020 MET ICPMS									
Analytical Method: EPA 6020 Preparation Method: EPA 3010 Pace Analytical Services - Green Bay									
Iron	1.5	mg/L	0.25	0.058	1	12/15/20 05:32	12/17/20 20:18	7439-89-6	
Manganese	0.15	mg/L	0.0040	0.0012	1	12/15/20 05:32	12/17/20 20:18	7439-96-5	
6020 MET ICPMS, Dissolved									
Analytical Method: EPA 6020 Preparation Method: EPA 3010 Pace Analytical Services - Green Bay									
Barium, Dissolved	0.069	mg/L	0.0023	0.00070	1	12/15/20 05:44	12/17/20 13:41	7440-39-3	
Chromium, Dissolved	<0.0010	mg/L	0.0034	0.0010	1	12/15/20 05:44	12/17/20 13:41	7440-47-3	
Iron, Dissolved	1.5	mg/L	0.25	0.058	1	12/15/20 05:44	12/17/20 13:41	7439-89-6	
Lead, Dissolved	<0.00024	mg/L	0.0010	0.00024	1	12/15/20 05:44	12/17/20 13:41	7439-92-1	
Manganese, Dissolved	0.16	mg/L	0.0040	0.0012	1	12/15/20 05:44	12/17/20 13:41	7439-96-5	D9
Nickel, Dissolved	0.0027	mg/L	0.0010	0.00028	1	12/15/20 05:44	12/17/20 13:41	7440-02-0	
8260 MSV									
Analytical Method: EPA 8260 Pace Analytical Services - Green Bay									
Benzene	<123	ug/L	500	123	500		12/15/20 11:48	71-43-2	
Bromobenzene	<121	ug/L	500	121	500		12/15/20 11:48	108-86-1	
Bromochloromethane	<181	ug/L	2500	181	500		12/15/20 11:48	74-97-5	
Bromodichloromethane	<182	ug/L	606	182	500		12/15/20 11:48	75-27-4	
Bromoform	<1990	ug/L	6620	1990	500		12/15/20 11:48	75-25-2	
Bromomethane	<486	ug/L	2500	486	500		12/15/20 11:48	74-83-9	
n-Butylbenzene	<354	ug/L	1180	354	500		12/15/20 11:48	104-51-8	
sec-Butylbenzene	<424	ug/L	2500	424	500		12/15/20 11:48	135-98-8	
tert-Butylbenzene	<152	ug/L	506	152	500		12/15/20 11:48	98-06-6	
Carbon tetrachloride	<538	ug/L	1790	538	500		12/15/20 11:48	56-23-5	
Chlorobenzene	<355	ug/L	1180	355	500		12/15/20 11:48	108-90-7	
Chloroethane	<671	ug/L	2500	671	500		12/15/20 11:48	75-00-3	
Chloroform	<637	ug/L	2500	637	500		12/15/20 11:48	67-66-3	
Chloromethane	<1090	ug/L	3650	1090	500		12/15/20 11:48	74-87-3	
2-Chlorotoluene	<463	ug/L	2500	463	500		12/15/20 11:48	95-49-8	
4-Chlorotoluene	<378	ug/L	1260	378	500		12/15/20 11:48	106-43-4	
1,2-Dibromo-3-chloropropane	<882	ug/L	2940	882	500		12/15/20 11:48	96-12-8	L2
Dibromochloromethane	<1300	ug/L	4340	1300	500		12/15/20 11:48	124-48-1	
1,2-Dibromoethane (EDB)	<415	ug/L	1380	415	500		12/15/20 11:48	106-93-4	
Dibromomethane	<468	ug/L	1560	468	500		12/15/20 11:48	74-95-3	
1,2-Dichlorobenzene	<353	ug/L	1180	353	500		12/15/20 11:48	95-50-1	
1,3-Dichlorobenzene	<314	ug/L	1050	314	500		12/15/20 11:48	541-73-1	
1,4-Dichlorobenzene	<472	ug/L	1570	472	500		12/15/20 11:48	106-46-7	
Dichlorodifluoromethane	<250	ug/L	2500	250	500		12/15/20 11:48	75-71-8	
1,1-Dichloroethane	<136	ug/L	500	136	500		12/15/20 11:48	75-34-3	

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ANALYTICAL RESULTS

Project: 60646104 KEP
Pace Project No.: 40219790

Sample: PZ-2101 **Lab ID: 40219790004** Collected: 12/09/20 14:00 Received: 12/12/20 10:45 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-Dichloroethane	<140	ug/L	500	140	500		12/15/20 11:48	107-06-2	
1,1-Dichloroethene	<122	ug/L	500	122	500		12/15/20 11:48	75-35-4	
cis-1,2-Dichloroethene	17600	ug/L	500	136	500		12/15/20 11:48	156-59-2	
trans-1,2-Dichloroethene	<232	ug/L	774	232	500		12/15/20 11:48	156-60-5	
1,2-Dichloropropane	<141	ug/L	500	141	500		12/15/20 11:48	78-87-5	
1,3-Dichloropropane	<413	ug/L	1380	413	500		12/15/20 11:48	142-28-9	
2,2-Dichloropropane	<1130	ug/L	3780	1130	500		12/15/20 11:48	594-20-7	
1,1-Dichloropropene	<270	ug/L	900	270	500		12/15/20 11:48	563-58-6	
cis-1,3-Dichloropropene	<1810	ug/L	6050	1810	500		12/15/20 11:48	10061-01-5	
trans-1,3-Dichloropropene	<2190	ug/L	7280	2190	500		12/15/20 11:48	10061-02-6	
Diisopropyl ether	<944	ug/L	3150	944	500		12/15/20 11:48	108-20-3	
Ethylbenzene	<159	ug/L	531	159	500		12/15/20 11:48	100-41-4	
Hexachloro-1,3-butadiene	<731	ug/L	2440	731	500		12/15/20 11:48	87-68-3	
Isopropylbenzene (Cumene)	<843	ug/L	2810	843	500		12/15/20 11:48	98-82-8	
p-Isopropyltoluene	<400	ug/L	1330	400	500		12/15/20 11:48	99-87-6	
Methylene Chloride	<290	ug/L	2500	290	500		12/15/20 11:48	75-09-2	
Methyl-tert-butyl ether	<623	ug/L	2080	623	500		12/15/20 11:48	1634-04-4	
Naphthalene	<588	ug/L	2500	588	500		12/15/20 11:48	91-20-3	
n-Propylbenzene	<405	ug/L	2500	405	500		12/15/20 11:48	103-65-1	
Styrene	<1500	ug/L	5020	1500	500		12/15/20 11:48	100-42-5	
1,1,1,2-Tetrachloroethane	<135	ug/L	500	135	500		12/15/20 11:48	630-20-6	
1,1,2,2-Tetrachloroethane	<138	ug/L	500	138	500		12/15/20 11:48	79-34-5	
Tetrachloroethene	<163	ug/L	544	163	500		12/15/20 11:48	127-18-4	
Toluene	<135	ug/L	500	135	500		12/15/20 11:48	108-88-3	
1,2,3-Trichlorobenzene	<1110	ug/L	3680	1110	500		12/15/20 11:48	87-61-6	
1,2,4-Trichlorobenzene	<476	ug/L	2500	476	500		12/15/20 11:48	120-82-1	
1,1,1-Trichloroethane	<122	ug/L	500	122	500		12/15/20 11:48	71-55-6	
1,1,2-Trichloroethane	<276	ug/L	2500	276	500		12/15/20 11:48	79-00-5	
Trichloroethene	40300	ug/L	500	128	500		12/15/20 11:48	79-01-6	
Trichlorofluoromethane	<107	ug/L	500	107	500		12/15/20 11:48	75-69-4	
1,2,3-Trichloropropane	<295	ug/L	2500	295	500		12/15/20 11:48	96-18-4	
1,2,4-Trimethylbenzene	<420	ug/L	1400	420	500		12/15/20 11:48	95-63-6	
1,3,5-Trimethylbenzene	<437	ug/L	1460	437	500		12/15/20 11:48	108-67-8	
Vinyl chloride	258J	ug/L	500	87.3	500		12/15/20 11:48	75-01-4	
Xylene (Total)	<750	ug/L	1500	750	500		12/15/20 11:48	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	97	%	70-130		500		12/15/20 11:48	460-00-4	
Dibromofluoromethane (S)	98	%	70-130		500		12/15/20 11:48	1868-53-7	
Toluene-d8 (S)	96	%	70-130		500		12/15/20 11:48	2037-26-5	
4500S2F Sulfide, Iodometric									
Analytical Method: SM 4500-S F (2000)									
Pace Analytical Services - Green Bay									
Sulfide	<1.2	mg/L	4.0	1.2	1		12/16/20 14:36		

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ANALYTICAL RESULTS

Project: 60646104 KEP

Pace Project No.: 40219790

Sample: PZ-2101 **Lab ID: 40219790004** Collected: 12/09/20 14:00 Received: 12/12/20 10:45 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
300.0 IC Anions									
Analytical Method: EPA 300.0									
Pace Analytical Services - Green Bay									
Chloride	396	mg/L	20.0	4.3	10		12/15/20 14:24	16887-00-6	
Sulfate	426	mg/L	20.0	4.4	10		12/15/20 14:24	14808-79-8	
310.2 Alkalinity									
Analytical Method: EPA 310.2									
Pace Analytical Services - Green Bay									
Alkalinity, Total as CaCO ₃	357	mg/L	24.8	7.4	1		12/16/20 12:33		
410.4 COD									
Analytical Method: EPA 410.4 Preparation Method: EPA 410.4									
Pace Analytical Services - Green Bay									
Chemical Oxygen Demand	48.4J	mg/L	50.0	14.7	1	12/16/20 17:17	12/16/20 21:42		
5310C TOC									
Analytical Method: SM 5310C									
Pace Analytical Services - Green Bay									
Total Organic Carbon	8.0	mg/L	3.0	0.83	6		12/15/20 06:21	7440-44-0	

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ANALYTICAL RESULTS

Project: 60646104 KEP
Pace Project No.: 40219790

Sample: MW-31 **Lab ID: 40219790005** Collected: 12/10/20 10:50 Received: 12/12/20 10:45 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	<1.2	ug/L	5.6	1.2	1		12/15/20 12:33	74-84-0	
Ethene	<1.2	ug/L	5.0	1.2	1		12/15/20 12:33	74-85-1	
Methane	52.0	ug/L	2.8	0.66	1		12/15/20 12:33	74-82-8	
6020 MET ICPMS									
Analytical Method: EPA 6020 Preparation Method: EPA 3010 Pace Analytical Services - Green Bay									
Iron	<0.058	mg/L	0.25	0.058	1	12/15/20 05:32	12/17/20 20:25	7439-89-6	
Manganese	0.018	mg/L	0.0040	0.0012	1	12/15/20 05:32	12/17/20 20:25	7439-96-5	
6020 MET ICPMS, Dissolved									
Analytical Method: EPA 6020 Preparation Method: EPA 3010 Pace Analytical Services - Green Bay									
Barium, Dissolved	0.026	mg/L	0.0023	0.00070	1	12/15/20 05:44	12/17/20 13:48	7440-39-3	
Chromium, Dissolved	<0.0010	mg/L	0.0034	0.0010	1	12/15/20 05:44	12/17/20 13:48	7440-47-3	
Iron, Dissolved	<0.058	mg/L	0.25	0.058	1	12/15/20 05:44	12/17/20 13:48	7439-89-6	
Lead, Dissolved	<0.00024	mg/L	0.0010	0.00024	1	12/15/20 05:44	12/17/20 13:48	7439-92-1	
Manganese, Dissolved	0.019	mg/L	0.0040	0.0012	1	12/15/20 05:44	12/17/20 13:48	7439-96-5	D9
Nickel, Dissolved	0.0010	mg/L	0.0010	0.00028	1	12/15/20 05:44	12/17/20 13:48	7440-02-0	
4500S2F Sulfide, Iodometric									
Analytical Method: SM 4500-S F (2000) Pace Analytical Services - Green Bay									
Sulfide	<1.2	mg/L	4.0	1.2	1		12/16/20 14:39		
300.0 IC Anions									
Analytical Method: EPA 300.0 Pace Analytical Services - Green Bay									
Chloride	6.0	mg/L	2.0	0.43	1		12/14/20 17:18	16887-00-6	
Sulfate	316	mg/L	20.0	4.4	10		12/15/20 14:39	14808-79-8	
310.2 Alkalinity									
Analytical Method: EPA 310.2 Pace Analytical Services - Green Bay									
Alkalinity, Total as CaCO3	399	mg/L	24.8	7.4	1		12/16/20 12:34		
410.4 COD									
Analytical Method: EPA 410.4 Preparation Method: EPA 410.4 Pace Analytical Services - Green Bay									
Chemical Oxygen Demand	19.3J	mg/L	50.0	14.7	1	12/16/20 17:17	12/16/20 21:42		
5310C TOC									
Analytical Method: SM 5310C Pace Analytical Services - Green Bay									
Total Organic Carbon	6.9	mg/L	3.0	0.83	6		12/15/20 06:55	7440-44-0	

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ANALYTICAL RESULTS

Project: 60646104 KEP
Pace Project No.: 40219790

Sample: PZ-118 **Lab ID: 40219790006** Collected: 12/10/20 13:30 Received: 12/12/20 10:45 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	<1.2	ug/L	5.6	1.2	1		12/18/20 10:18	74-84-0	
Ethene	<1.2	ug/L	5.0	1.2	1		12/18/20 10:18	74-85-1	
Methane	34.9	ug/L	2.8	0.66	1		12/18/20 10:18	74-82-8	
6020 MET ICPMS									
Analytical Method: EPA 6020 Preparation Method: EPA 3010 Pace Analytical Services - Green Bay									
Iron	3.3	mg/L	0.25	0.058	1	12/15/20 05:32	12/17/20 20:31	7439-89-6	
Manganese	0.15	mg/L	0.0040	0.0012	1	12/15/20 05:32	12/17/20 20:31	7439-96-5	
6020 MET ICPMS, Dissolved									
Analytical Method: EPA 6020 Preparation Method: EPA 3010 Pace Analytical Services - Green Bay									
Barium, Dissolved	0.051	mg/L	0.0023	0.00070	1	12/15/20 05:44	12/17/20 14:08	7440-39-3	
Chromium, Dissolved	<0.0010	mg/L	0.0034	0.0010	1	12/15/20 05:44	12/17/20 14:08	7440-47-3	
Iron, Dissolved	3.7	mg/L	0.25	0.058	1	12/15/20 05:44	12/17/20 14:08	7439-89-6	D9
Lead, Dissolved	<0.00024	mg/L	0.0010	0.00024	1	12/15/20 05:44	12/17/20 14:08	7439-92-1	
Manganese, Dissolved	0.16	mg/L	0.0040	0.0012	1	12/15/20 05:44	12/17/20 14:08	7439-96-5	D9
Nickel, Dissolved	0.0014	mg/L	0.0010	0.00028	1	12/15/20 05:44	12/17/20 14:08	7440-02-0	
4500S2F Sulfide, Iodometric									
Analytical Method: SM 4500-S F (2000) Pace Analytical Services - Green Bay									
Sulfide	<1.2	mg/L	4.0	1.2	1		12/16/20 14:41		
300.0 IC Anions									
Analytical Method: EPA 300.0 Pace Analytical Services - Green Bay									
Chloride	137	mg/L	20.0	4.3	10		12/15/20 14:54	16887-00-6	
Sulfate	365	mg/L	20.0	4.4	10		12/15/20 14:54	14808-79-8	
310.2 Alkalinity									
Analytical Method: EPA 310.2 Pace Analytical Services - Green Bay									
Alkalinity, Total as CaCO3	461	mg/L	24.8	7.4	1		12/16/20 12:35		
410.4 COD									
Analytical Method: EPA 410.4 Preparation Method: EPA 410.4 Pace Analytical Services - Green Bay									
Chemical Oxygen Demand	<14.7	mg/L	50.0	14.7	1	12/16/20 17:17	12/16/20 21:42		
5310C TOC									
Analytical Method: SM 5310C Pace Analytical Services - Green Bay									
Total Organic Carbon	3.5	mg/L	1.0	0.28	2		12/15/20 07:09	7440-44-0	

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ANALYTICAL RESULTS

Project: 60646104 KEP

Pace Project No.: 40219790

Sample: MW-2111 **Lab ID: 40219790007** Collected: 12/11/20 11:15 Received: 12/12/20 10:45 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	<1.2	ug/L	5.6	1.2	1		12/18/20 10:25	74-84-0	
Ethene	<1.2	ug/L	5.0	1.2	1		12/18/20 10:25	74-85-1	
Methane	5.1	ug/L	2.8	0.66	1		12/18/20 10:25	74-82-8	
6020 MET ICPMS									
Analytical Method: EPA 6020 Preparation Method: EPA 3010									
Pace Analytical Services - Green Bay									
Iron	0.34	mg/L	0.25	0.058	1	12/15/20 05:32	12/17/20 20:38	7439-89-6	
Manganese	0.42	mg/L	0.0040	0.0012	1	12/15/20 05:32	12/17/20 20:38	7439-96-5	
6020 MET ICPMS, Dissolved									
Analytical Method: EPA 6020 Preparation Method: EPA 3010									
Pace Analytical Services - Green Bay									
Barium, Dissolved	0.033	mg/L	0.0023	0.00070	1	12/15/20 05:44	12/17/20 14:15	7440-39-3	
Chromium, Dissolved	<0.0010	mg/L	0.0034	0.0010	1	12/15/20 05:44	12/17/20 14:15	7440-47-3	
Iron, Dissolved	0.34	mg/L	0.25	0.058	1	12/15/20 05:44	12/17/20 14:15	7439-89-6	
Lead, Dissolved	<0.00024	mg/L	0.0010	0.00024	1	12/15/20 05:44	12/17/20 14:15	7439-92-1	
Manganese, Dissolved	0.44	mg/L	0.0040	0.0012	1	12/15/20 05:44	12/17/20 14:15	7439-96-5	D9
Nickel, Dissolved	0.0034	mg/L	0.0010	0.00028	1	12/15/20 05:44	12/17/20 14:15	7440-02-0	
8260 MSV									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
Benzene	<30.8	ug/L	125	30.8	125		12/15/20 12:10	71-43-2	
Bromobenzene	<30.1	ug/L	125	30.1	125		12/15/20 12:10	108-86-1	
Bromochloromethane	<45.3	ug/L	625	45.3	125		12/15/20 12:10	74-97-5	
Bromodichloromethane	<45.5	ug/L	152	45.5	125		12/15/20 12:10	75-27-4	
Bromoform	<496	ug/L	1650	496	125		12/15/20 12:10	75-25-2	
Bromomethane	<121	ug/L	625	121	125		12/15/20 12:10	74-83-9	
n-Butylbenzene	<88.5	ug/L	295	88.5	125		12/15/20 12:10	104-51-8	
sec-Butylbenzene	<106	ug/L	625	106	125		12/15/20 12:10	135-98-8	
tert-Butylbenzene	<38.0	ug/L	127	38.0	125		12/15/20 12:10	98-06-6	
Carbon tetrachloride	<135	ug/L	449	135	125		12/15/20 12:10	56-23-5	
Chlorobenzene	<88.9	ug/L	296	88.9	125		12/15/20 12:10	108-90-7	
Chloroethane	<168	ug/L	625	168	125		12/15/20 12:10	75-00-3	
Chloroform	<159	ug/L	625	159	125		12/15/20 12:10	67-66-3	
Chloromethane	<274	ug/L	912	274	125		12/15/20 12:10	74-87-3	
2-Chlorotoluene	<116	ug/L	625	116	125		12/15/20 12:10	95-49-8	
4-Chlorotoluene	<94.5	ug/L	315	94.5	125		12/15/20 12:10	106-43-4	
1,2-Dibromo-3-chloropropane	<220	ug/L	735	220	125		12/15/20 12:10	96-12-8	L2
Dibromochloromethane	<325	ug/L	1080	325	125		12/15/20 12:10	124-48-1	
1,2-Dibromoethane (EDB)	<104	ug/L	346	104	125		12/15/20 12:10	106-93-4	
Dibromomethane	<117	ug/L	390	117	125		12/15/20 12:10	74-95-3	
1,2-Dichlorobenzene	<88.2	ug/L	294	88.2	125		12/15/20 12:10	95-50-1	
1,3-Dichlorobenzene	<78.5	ug/L	262	78.5	125		12/15/20 12:10	541-73-1	
1,4-Dichlorobenzene	<118	ug/L	393	118	125		12/15/20 12:10	106-46-7	
Dichlorodifluoromethane	<62.4	ug/L	625	62.4	125		12/15/20 12:10	75-71-8	
1,1-Dichloroethane	<34.1	ug/L	125	34.1	125		12/15/20 12:10	75-34-3	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 60646104 KEP

Pace Project No.: 40219790

Sample: MW-2111 **Lab ID: 40219790007** Collected: 12/11/20 11:15 Received: 12/12/20 10:45 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-Dichloroethane	<35.0	ug/L	125	35.0	125		12/15/20 12:10	107-06-2	
1,1-Dichloroethene	<30.6	ug/L	125	30.6	125		12/15/20 12:10	75-35-4	
cis-1,2-Dichloroethene	742	ug/L	125	33.9	125		12/15/20 12:10	156-59-2	
trans-1,2-Dichloroethene	80.9J	ug/L	193	58.0	125		12/15/20 12:10	156-60-5	
1,2-Dichloropropane	<35.3	ug/L	125	35.3	125		12/15/20 12:10	78-87-5	
1,3-Dichloropropane	<103	ug/L	344	103	125		12/15/20 12:10	142-28-9	
2,2-Dichloropropane	<283	ug/L	944	283	125		12/15/20 12:10	594-20-7	
1,1-Dichloropropene	<67.6	ug/L	225	67.6	125		12/15/20 12:10	563-58-6	
cis-1,3-Dichloropropene	<454	ug/L	1510	454	125		12/15/20 12:10	10061-01-5	
trans-1,3-Dichloropropene	<546	ug/L	1820	546	125		12/15/20 12:10	10061-02-6	
Diisopropyl ether	<236	ug/L	787	236	125		12/15/20 12:10	108-20-3	
Ethylbenzene	<39.8	ug/L	133	39.8	125		12/15/20 12:10	100-41-4	
Hexachloro-1,3-butadiene	<183	ug/L	610	183	125		12/15/20 12:10	87-68-3	
Isopropylbenzene (Cumene)	<211	ug/L	702	211	125		12/15/20 12:10	98-82-8	
p-Isopropyltoluene	<100	ug/L	333	100	125		12/15/20 12:10	99-87-6	
Methylene Chloride	<72.6	ug/L	625	72.6	125		12/15/20 12:10	75-09-2	
Methyl-tert-butyl ether	<156	ug/L	519	156	125		12/15/20 12:10	1634-04-4	
Naphthalene	<147	ug/L	625	147	125		12/15/20 12:10	91-20-3	
n-Propylbenzene	<101	ug/L	625	101	125		12/15/20 12:10	103-65-1	
Styrene	<376	ug/L	1250	376	125		12/15/20 12:10	100-42-5	
1,1,1,2-Tetrachloroethane	<33.6	ug/L	125	33.6	125		12/15/20 12:10	630-20-6	
1,1,2,2-Tetrachloroethane	<34.4	ug/L	125	34.4	125		12/15/20 12:10	79-34-5	
Tetrachloroethene	<40.8	ug/L	136	40.8	125		12/15/20 12:10	127-18-4	
Toluene	<33.7	ug/L	125	33.7	125		12/15/20 12:10	108-88-3	
1,2,3-Trichlorobenzene	<276	ug/L	921	276	125		12/15/20 12:10	87-61-6	
1,2,4-Trichlorobenzene	<119	ug/L	625	119	125		12/15/20 12:10	120-82-1	
1,1,1-Trichloroethane	<30.6	ug/L	125	30.6	125		12/15/20 12:10	71-55-6	
1,1,2-Trichloroethane	<69.0	ug/L	625	69.0	125		12/15/20 12:10	79-00-5	
Trichloroethene	8210	ug/L	125	31.9	125		12/15/20 12:10	79-01-6	
Trichlorofluoromethane	<26.9	ug/L	125	26.9	125		12/15/20 12:10	75-69-4	
1,2,3-Trichloropropane	<73.8	ug/L	625	73.8	125		12/15/20 12:10	96-18-4	
1,2,4-Trimethylbenzene	<105	ug/L	350	105	125		12/15/20 12:10	95-63-6	
1,3,5-Trimethylbenzene	<109	ug/L	364	109	125		12/15/20 12:10	108-67-8	
Vinyl chloride	<21.8	ug/L	125	21.8	125		12/15/20 12:10	75-01-4	
Xylene (Total)	<188	ug/L	375	188	125		12/15/20 12:10	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	97	%	70-130		125		12/15/20 12:10	460-00-4	
Dibromofluoromethane (S)	99	%	70-130		125		12/15/20 12:10	1868-53-7	
Toluene-d8 (S)	96	%	70-130		125		12/15/20 12:10	2037-26-5	
4500S2F Sulfide, Iodometric									
Analytical Method: SM 4500-S F (2000)									
Pace Analytical Services - Green Bay									
Sulfide	<1.2	mg/L	4.0	1.2	1		12/17/20 15:42		

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 60646104 KEP
Pace Project No.: 40219790

Sample: MW-2111 **Lab ID: 40219790007** Collected: 12/11/20 11:15 Received: 12/12/20 10:45 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
300.0 IC Anions									
Analytical Method: EPA 300.0 Pace Analytical Services - Green Bay									
Chloride	38.9	mg/L	2.0	0.43	1		12/14/20 17:48	16887-00-6	
Sulfate	313	mg/L	20.0	4.4	10		12/15/20 15:09	14808-79-8	
310.2 Alkalinity									
Analytical Method: EPA 310.2 Pace Analytical Services - Green Bay									
Alkalinity, Total as CaCO ₃	363	mg/L	24.8	7.4	1		12/16/20 12:36		
410.4 COD									
Analytical Method: EPA 410.4 Preparation Method: EPA 410.4 Pace Analytical Services - Green Bay									
Chemical Oxygen Demand	17.0J	mg/L	50.0	14.7	1	12/16/20 17:17	12/16/20 21:42		
5310C TOC									
Analytical Method: SM 5310C Pace Analytical Services - Green Bay									
Total Organic Carbon	4.6	mg/L	1.0	0.28	2		12/15/20 07:24	7440-44-0	

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ANALYTICAL RESULTS

Project: 60646104 KEP

Pace Project No.: 40219790

Sample: PZ-2111 Lab ID: **40219790008** Collected: 12/11/20 10:25 Received: 12/12/20 10:45 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	<1.2	ug/L	5.6	1.2	1		12/18/20 10:32	74-84-0	
Ethene	<1.2	ug/L	5.0	1.2	1		12/18/20 10:32	74-85-1	
Methane	22.1	ug/L	2.8	0.66	1		12/18/20 10:32	74-82-8	
6020 MET ICPMS									
Analytical Method: EPA 6020 Preparation Method: EPA 3010									
Pace Analytical Services - Green Bay									
Iron	0.53	mg/L	0.25	0.058	1	12/15/20 05:32	12/17/20 20:45	7439-89-6	
Manganese	0.088	mg/L	0.0040	0.0012	1	12/15/20 05:32	12/17/20 20:45	7439-96-5	
6020 MET ICPMS, Dissolved									
Analytical Method: EPA 6020 Preparation Method: EPA 3010									
Pace Analytical Services - Green Bay									
Barium, Dissolved	0.090	mg/L	0.0023	0.00070	1	12/15/20 05:44	12/17/20 14:22	7440-39-3	
Chromium, Dissolved	0.0014J	mg/L	0.0034	0.0010	1	12/15/20 05:44	12/17/20 14:22	7440-47-3	
Iron, Dissolved	0.66	mg/L	0.25	0.058	1	12/15/20 05:44	12/17/20 14:22	7439-89-6	D9
Lead, Dissolved	<0.00024	mg/L	0.0010	0.00024	1	12/15/20 05:44	12/17/20 14:22	7439-92-1	
Manganese, Dissolved	0.095	mg/L	0.0040	0.0012	1	12/15/20 05:44	12/17/20 14:22	7439-96-5	D9
Nickel, Dissolved	0.0026	mg/L	0.0010	0.00028	1	12/15/20 05:44	12/17/20 14:22	7440-02-0	
8260 MSV									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
Benzene	<2.5	ug/L	10.0	2.5	10		12/15/20 13:40	71-43-2	
Bromobenzene	<2.4	ug/L	10.0	2.4	10		12/15/20 13:40	108-86-1	
Bromochloromethane	<3.6	ug/L	50.0	3.6	10		12/15/20 13:40	74-97-5	
Bromodichloromethane	<3.6	ug/L	12.1	3.6	10		12/15/20 13:40	75-27-4	
Bromoform	<39.7	ug/L	132	39.7	10		12/15/20 13:40	75-25-2	
Bromomethane	<9.7	ug/L	50.0	9.7	10		12/15/20 13:40	74-83-9	
n-Butylbenzene	<7.1	ug/L	23.6	7.1	10		12/15/20 13:40	104-51-8	
sec-Butylbenzene	<8.5	ug/L	50.0	8.5	10		12/15/20 13:40	135-98-8	
tert-Butylbenzene	<3.0	ug/L	10.1	3.0	10		12/15/20 13:40	98-06-6	
Carbon tetrachloride	<10.8	ug/L	35.9	10.8	10		12/15/20 13:40	56-23-5	
Chlorobenzene	<7.1	ug/L	23.7	7.1	10		12/15/20 13:40	108-90-7	
Chloroethane	<13.4	ug/L	50.0	13.4	10		12/15/20 13:40	75-00-3	
Chloroform	<12.7	ug/L	50.0	12.7	10		12/15/20 13:40	67-66-3	
Chloromethane	<21.9	ug/L	73.0	21.9	10		12/15/20 13:40	74-87-3	
2-Chlorotoluene	<9.3	ug/L	50.0	9.3	10		12/15/20 13:40	95-49-8	
4-Chlorotoluene	<7.6	ug/L	25.2	7.6	10		12/15/20 13:40	106-43-4	
1,2-Dibromo-3-chloropropane	<17.6	ug/L	58.8	17.6	10		12/15/20 13:40	96-12-8	L2
Dibromochloromethane	<26.0	ug/L	86.7	26.0	10		12/15/20 13:40	124-48-1	
1,2-Dibromoethane (EDB)	<8.3	ug/L	27.6	8.3	10		12/15/20 13:40	106-93-4	
Dibromomethane	<9.4	ug/L	31.2	9.4	10		12/15/20 13:40	74-95-3	
1,2-Dichlorobenzene	<7.1	ug/L	23.5	7.1	10		12/15/20 13:40	95-50-1	
1,3-Dichlorobenzene	<6.3	ug/L	20.9	6.3	10		12/15/20 13:40	541-73-1	
1,4-Dichlorobenzene	<9.4	ug/L	31.5	9.4	10		12/15/20 13:40	106-46-7	
Dichlorodifluoromethane	<5.0	ug/L	50.0	5.0	10		12/15/20 13:40	75-71-8	
1,1-Dichloroethane	<2.7	ug/L	10.0	2.7	10		12/15/20 13:40	75-34-3	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 60646104 KEP

Pace Project No.: 40219790

Sample: PZ-2111 **Lab ID: 40219790008** Collected: 12/11/20 10:25 Received: 12/12/20 10:45 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-Dichloroethane	<2.8	ug/L	10.0	2.8	10		12/15/20 13:40	107-06-2	
1,1-Dichloroethane	3.7J	ug/L	10.0	2.4	10		12/15/20 13:40	75-35-4	
cis-1,2-Dichloroethene	2810	ug/L	10.0	2.7	10		12/15/20 13:40	156-59-2	
trans-1,2-Dichloroethene	248	ug/L	15.5	4.6	10		12/15/20 13:40	156-60-5	
1,2-Dichloropropane	<2.8	ug/L	10.0	2.8	10		12/15/20 13:40	78-87-5	
1,3-Dichloropropane	<8.3	ug/L	27.5	8.3	10		12/15/20 13:40	142-28-9	
2,2-Dichloropropane	<22.7	ug/L	75.5	22.7	10		12/15/20 13:40	594-20-7	
1,1-Dichloropropene	<5.4	ug/L	18.0	5.4	10		12/15/20 13:40	563-58-6	
cis-1,3-Dichloropropene	<36.3	ug/L	121	36.3	10		12/15/20 13:40	10061-01-5	
trans-1,3-Dichloropropene	<43.7	ug/L	146	43.7	10		12/15/20 13:40	10061-02-6	
Diisopropyl ether	<18.9	ug/L	62.9	18.9	10		12/15/20 13:40	108-20-3	
Ethylbenzene	<3.2	ug/L	10.6	3.2	10		12/15/20 13:40	100-41-4	
Hexachloro-1,3-butadiene	<14.6	ug/L	48.8	14.6	10		12/15/20 13:40	87-68-3	
Isopropylbenzene (Cumene)	<16.9	ug/L	56.2	16.9	10		12/15/20 13:40	98-82-8	
p-Isopropyltoluene	<8.0	ug/L	26.7	8.0	10		12/15/20 13:40	99-87-6	
Methylene Chloride	<5.8	ug/L	50.0	5.8	10		12/15/20 13:40	75-09-2	
Methyl-tert-butyl ether	<12.5	ug/L	41.5	12.5	10		12/15/20 13:40	1634-04-4	
Naphthalene	<11.8	ug/L	50.0	11.8	10		12/15/20 13:40	91-20-3	
n-Propylbenzene	<8.1	ug/L	50.0	8.1	10		12/15/20 13:40	103-65-1	
Styrene	<30.1	ug/L	100	30.1	10		12/15/20 13:40	100-42-5	
1,1,1,2-Tetrachloroethane	<2.7	ug/L	10.0	2.7	10		12/15/20 13:40	630-20-6	
1,1,2,2-Tetrachloroethane	<2.8	ug/L	10.0	2.8	10		12/15/20 13:40	79-34-5	
Tetrachloroethene	<3.3	ug/L	10.9	3.3	10		12/15/20 13:40	127-18-4	
Toluene	<2.7	ug/L	10.0	2.7	10		12/15/20 13:40	108-88-3	
1,2,3-Trichlorobenzene	<22.1	ug/L	73.7	22.1	10		12/15/20 13:40	87-61-6	
1,2,4-Trichlorobenzene	<9.5	ug/L	50.0	9.5	10		12/15/20 13:40	120-82-1	
1,1,1-Trichloroethane	<2.4	ug/L	10.0	2.4	10		12/15/20 13:40	71-55-6	
1,1,2-Trichloroethane	<5.5	ug/L	50.0	5.5	10		12/15/20 13:40	79-00-5	
Trichloroethene	1550	ug/L	10.0	2.6	10		12/15/20 13:40	79-01-6	
Trichlorofluoromethane	<2.1	ug/L	10.0	2.1	10		12/15/20 13:40	75-69-4	
1,2,3-Trichloropropane	<5.9	ug/L	50.0	5.9	10		12/15/20 13:40	96-18-4	
1,2,4-Trimethylbenzene	<8.4	ug/L	28.0	8.4	10		12/15/20 13:40	95-63-6	
1,3,5-Trimethylbenzene	<8.7	ug/L	29.1	8.7	10		12/15/20 13:40	108-67-8	
Vinyl chloride	77.8	ug/L	10.0	1.7	10		12/15/20 13:40	75-01-4	
Xylene (Total)	<15.0	ug/L	30.0	15.0	10		12/15/20 13:40	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	96	%	70-130		10		12/15/20 13:40	460-00-4	
Dibromofluoromethane (S)	99	%	70-130		10		12/15/20 13:40	1868-53-7	
Toluene-d8 (S)	95	%	70-130		10		12/15/20 13:40	2037-26-5	

4500S2F Sulfide, Iodometric

Analytical Method: SM 4500-S F (2000)

Pace Analytical Services - Green Bay

Sulfide	<1.2	mg/L	4.0	1.2	1		12/17/20 15:52		
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ANALYTICAL RESULTS

Project: 60646104 KEP
Pace Project No.: 40219790

Sample: PZ-2111 **Lab ID: 40219790008** Collected: 12/11/20 10:25 Received: 12/12/20 10:45 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
300.0 IC Anions									
Analytical Method: EPA 300.0 Pace Analytical Services - Green Bay									
Chloride	71.5	mg/L	20.0	4.3	10		12/15/20 15:24	16887-00-6	
Sulfate	343	mg/L	20.0	4.4	10		12/15/20 15:24	14808-79-8	
310.2 Alkalinity									
Analytical Method: EPA 310.2 Pace Analytical Services - Green Bay									
Alkalinity, Total as CaCO ₃	271	mg/L	24.8	7.4	1		12/16/20 12:37		
410.4 COD									
Analytical Method: EPA 410.4 Preparation Method: EPA 410.4 Pace Analytical Services - Green Bay									
Chemical Oxygen Demand	14.8J	mg/L	50.0	14.7	1	12/16/20 17:17	12/16/20 21:43		
5310C TOC									
Analytical Method: SM 5310C Pace Analytical Services - Green Bay									
Total Organic Carbon	3.5	mg/L	0.50	0.14	1		12/15/20 07:39	7440-44-0	

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ANALYTICAL RESULTS

Project: 60646104 KEP
Pace Project No.: 40219790

Sample: MW-108 **Lab ID: 40219790009** Collected: 12/10/20 11:00 Received: 12/12/20 10:45 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	<1.2	ug/L	5.6	1.2	1		12/18/20 10:38	74-84-0	
Ethene	<1.2	ug/L	5.0	1.2	1		12/18/20 10:38	74-85-1	
Methane	0.75J	ug/L	2.8	0.66	1		12/18/20 10:38	74-82-8	
6020 MET ICPMS									
Analytical Method: EPA 6020 Preparation Method: EPA 3010 Pace Analytical Services - Green Bay									
Iron	0.062J	mg/L	0.25	0.058	1	12/15/20 05:32	12/17/20 20:52	7439-89-6	
Manganese	0.012	mg/L	0.0040	0.0012	1	12/15/20 05:32	12/17/20 20:52	7439-96-5	
6020 MET ICPMS, Dissolved									
Analytical Method: EPA 6020 Preparation Method: EPA 3010 Pace Analytical Services - Green Bay									
Barium, Dissolved	0.12	mg/L	0.0023	0.00070	1	12/15/20 05:44	12/17/20 14:28	7440-39-3	
Chromium, Dissolved	<0.0010	mg/L	0.0034	0.0010	1	12/15/20 05:44	12/17/20 14:28	7440-47-3	
Iron, Dissolved	<0.058	mg/L	0.25	0.058	1	12/15/20 05:44	12/17/20 14:28	7439-89-6	
Lead, Dissolved	<0.00024	mg/L	0.0010	0.00024	1	12/15/20 05:44	12/17/20 14:28	7439-92-1	
Manganese, Dissolved	<0.0012	mg/L	0.0040	0.0012	1	12/15/20 05:44	12/17/20 14:28	7439-96-5	
Nickel, Dissolved	0.0021	mg/L	0.0010	0.00028	1	12/15/20 05:44	12/17/20 14:28	7440-02-0	
4500S2F Sulfide, Iodometric									
Analytical Method: SM 4500-S F (2000) Pace Analytical Services - Green Bay									
Sulfide	<1.2	mg/L	4.0	1.2	1		12/16/20 14:46		1q
300.0 IC Anions									
Analytical Method: EPA 300.0 Pace Analytical Services - Green Bay									
Chloride	1110	mg/L	200	43.1	100		12/15/20 12:34	16887-00-6	
Sulfate	116	mg/L	10.0	2.2	5		12/15/20 14:00	14808-79-8	
310.2 Alkalinity									
Analytical Method: EPA 310.2 Pace Analytical Services - Green Bay									
Alkalinity, Total as CaCO3	452	mg/L	49.6	14.9	2		12/16/20 12:42		M0
410.4 COD									
Analytical Method: EPA 410.4 Preparation Method: EPA 410.4 Pace Analytical Services - Green Bay									
Chemical Oxygen Demand	43.9J	mg/L	50.0	14.7	1	12/16/20 17:17	12/16/20 21:43		
5310C TOC									
Analytical Method: SM 5310C Pace Analytical Services - Green Bay									
Total Organic Carbon	1.1	mg/L	0.50	0.14	1		12/15/20 07:56	7440-44-0	

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ANALYTICAL RESULTS

Project: 60646104 KEP
Pace Project No.: 40219790

Sample: MW-44 **Lab ID: 40219790010** Collected: 12/10/20 11:30 Received: 12/12/20 10:45 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	<1.2	ug/L	5.6	1.2	1		12/18/20 10:45	74-84-0	
Ethene	<1.2	ug/L	5.0	1.2	1		12/18/20 10:45	74-85-1	
Methane	0.96J	ug/L	2.8	0.66	1		12/18/20 10:45	74-82-8	
6020 MET ICPMS									
Analytical Method: EPA 6020 Preparation Method: EPA 3010 Pace Analytical Services - Green Bay									
Iron	0.42	mg/L	0.25	0.058	1	12/15/20 05:32	12/17/20 20:59	7439-89-6	
Manganese	0.076	mg/L	0.0040	0.0012	1	12/15/20 05:32	12/17/20 20:59	7439-96-5	
6020 MET ICPMS, Dissolved									
Analytical Method: EPA 6020 Preparation Method: EPA 3010 Pace Analytical Services - Green Bay									
Barium, Dissolved	0.033	mg/L	0.0023	0.00070	1	12/15/20 05:44	12/17/20 14:35	7440-39-3	
Chromium, Dissolved	<0.0010	mg/L	0.0034	0.0010	1	12/15/20 05:44	12/17/20 14:35	7440-47-3	
Iron, Dissolved	<0.058	mg/L	0.25	0.058	1	12/15/20 05:44	12/17/20 14:35	7439-89-6	
Lead, Dissolved	<0.00024	mg/L	0.0010	0.00024	1	12/15/20 05:44	12/17/20 14:35	7439-92-1	
Manganese, Dissolved	0.037	mg/L	0.0040	0.0012	1	12/15/20 05:44	12/17/20 14:35	7439-96-5	
Nickel, Dissolved	0.0010	mg/L	0.0010	0.00028	1	12/15/20 05:44	12/17/20 14:35	7440-02-0	
4500S2F Sulfide, Iodometric									
Analytical Method: SM 4500-S F (2000) Pace Analytical Services - Green Bay									
Sulfide	<1.2	mg/L	4.0	1.2	1		12/16/20 14:51		1q
300.0 IC Anions									
Analytical Method: EPA 300.0 Pace Analytical Services - Green Bay									
Chloride	339	mg/L	20.0	4.3	10		12/15/20 14:43	16887-00-6	
Sulfate	163	mg/L	20.0	4.4	10		12/15/20 14:43	14808-79-8	
310.2 Alkalinity									
Analytical Method: EPA 310.2 Pace Analytical Services - Green Bay									
Alkalinity, Total as CaCO3	388	mg/L	24.8	7.4	1		12/16/20 12:45		
410.4 COD									
Analytical Method: EPA 410.4 Preparation Method: EPA 410.4 Pace Analytical Services - Green Bay									
Chemical Oxygen Demand	<14.7	mg/L	50.0	14.7	1	12/16/20 17:17	12/16/20 21:43		
5310C TOC									
Analytical Method: SM 5310C Pace Analytical Services - Green Bay									
Total Organic Carbon	1.3	mg/L	0.50	0.14	1		12/15/20 08:15	7440-44-0	

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ANALYTICAL RESULTS

Project: 60646104 KEP

Pace Project No.: 40219790

Sample: MW-65 **Lab ID: 40219790011** Collected: 12/10/20 14:05 Received: 12/12/20 10:45 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	<1.2	ug/L	5.6	1.2	1		12/18/20 10:52	74-84-0	
Ethene	<1.2	ug/L	5.0	1.2	1		12/18/20 10:52	74-85-1	
Methane	67.3	ug/L	2.8	0.66	1		12/18/20 10:52	74-82-8	
6020 MET ICPMS									
Analytical Method: EPA 6020 Preparation Method: EPA 3010									
Pace Analytical Services - Green Bay									
Iron	1.1	mg/L	0.25	0.058	1	12/15/20 05:32	12/17/20 21:05	7439-89-6	
Manganese	0.12	mg/L	0.0040	0.0012	1	12/15/20 05:32	12/17/20 21:05	7439-96-5	
6020 MET ICPMS, Dissolved									
Analytical Method: EPA 6020 Preparation Method: EPA 3010									
Pace Analytical Services - Green Bay									
Barium, Dissolved	0.30	mg/L	0.0023	0.00070	1	12/15/20 05:44	12/17/20 14:42	7440-39-3	
Chromium, Dissolved	<0.0010	mg/L	0.0034	0.0010	1	12/15/20 05:44	12/17/20 14:42	7440-47-3	
Iron, Dissolved	0.76	mg/L	0.25	0.058	1	12/15/20 05:44	12/17/20 14:42	7439-89-6	
Lead, Dissolved	<0.00024	mg/L	0.0010	0.00024	1	12/15/20 05:44	12/17/20 14:42	7439-92-1	
Manganese, Dissolved	0.12	mg/L	0.0040	0.0012	1	12/15/20 05:44	12/17/20 14:42	7439-96-5	
Nickel, Dissolved	0.0032	mg/L	0.0010	0.00028	1	12/15/20 05:44	12/17/20 14:42	7440-02-0	
8260 MSV									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
Benzene	<2.5	ug/L	10.0	2.5	10		12/15/20 14:02	71-43-2	
Bromobenzene	<2.4	ug/L	10.0	2.4	10		12/15/20 14:02	108-86-1	
Bromochloromethane	<3.6	ug/L	50.0	3.6	10		12/15/20 14:02	74-97-5	
Bromodichloromethane	<3.6	ug/L	12.1	3.6	10		12/15/20 14:02	75-27-4	
Bromoform	<39.7	ug/L	132	39.7	10		12/15/20 14:02	75-25-2	
Bromomethane	<9.7	ug/L	50.0	9.7	10		12/15/20 14:02	74-83-9	
n-Butylbenzene	<7.1	ug/L	23.6	7.1	10		12/15/20 14:02	104-51-8	
sec-Butylbenzene	<8.5	ug/L	50.0	8.5	10		12/15/20 14:02	135-98-8	
tert-Butylbenzene	<3.0	ug/L	10.1	3.0	10		12/15/20 14:02	98-06-6	
Carbon tetrachloride	<10.8	ug/L	35.9	10.8	10		12/15/20 14:02	56-23-5	
Chlorobenzene	<7.1	ug/L	23.7	7.1	10		12/15/20 14:02	108-90-7	
Chloroethane	<13.4	ug/L	50.0	13.4	10		12/15/20 14:02	75-00-3	
Chloroform	<12.7	ug/L	50.0	12.7	10		12/15/20 14:02	67-66-3	
Chloromethane	<21.9	ug/L	73.0	21.9	10		12/15/20 14:02	74-87-3	
2-Chlorotoluene	<9.3	ug/L	50.0	9.3	10		12/15/20 14:02	95-49-8	
4-Chlorotoluene	<7.6	ug/L	25.2	7.6	10		12/15/20 14:02	106-43-4	
1,2-Dibromo-3-chloropropane	<17.6	ug/L	58.8	17.6	10		12/15/20 14:02	96-12-8	L2
Dibromochloromethane	<26.0	ug/L	86.7	26.0	10		12/15/20 14:02	124-48-1	
1,2-Dibromoethane (EDB)	<8.3	ug/L	27.6	8.3	10		12/15/20 14:02	106-93-4	
Dibromomethane	<9.4	ug/L	31.2	9.4	10		12/15/20 14:02	74-95-3	
1,2-Dichlorobenzene	<7.1	ug/L	23.5	7.1	10		12/15/20 14:02	95-50-1	
1,3-Dichlorobenzene	<6.3	ug/L	20.9	6.3	10		12/15/20 14:02	541-73-1	
1,4-Dichlorobenzene	<9.4	ug/L	31.5	9.4	10		12/15/20 14:02	106-46-7	
Dichlorodifluoromethane	<5.0	ug/L	50.0	5.0	10		12/15/20 14:02	75-71-8	
1,1-Dichloroethane	<2.7	ug/L	10.0	2.7	10		12/15/20 14:02	75-34-3	

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ANALYTICAL RESULTS

Project: 60646104 KEP
Pace Project No.: 40219790

Sample: MW-65 **Lab ID: 40219790011** Collected: 12/10/20 14:05 Received: 12/12/20 10:45 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-Dichloroethane	<2.8	ug/L	10.0	2.8	10		12/15/20 14:02	107-06-2	
1,1-Dichloroethene	<2.4	ug/L	10.0	2.4	10		12/15/20 14:02	75-35-4	
cis-1,2-Dichloroethene	870	ug/L	10.0	2.7	10		12/15/20 14:02	156-59-2	
trans-1,2-Dichloroethene	25.5	ug/L	15.5	4.6	10		12/15/20 14:02	156-60-5	
1,2-Dichloropropane	<2.8	ug/L	10.0	2.8	10		12/15/20 14:02	78-87-5	
1,3-Dichloropropane	<8.3	ug/L	27.5	8.3	10		12/15/20 14:02	142-28-9	
2,2-Dichloropropane	<22.7	ug/L	75.5	22.7	10		12/15/20 14:02	594-20-7	
1,1-Dichloropropene	<5.4	ug/L	18.0	5.4	10		12/15/20 14:02	563-58-6	
cis-1,3-Dichloropropene	<36.3	ug/L	121	36.3	10		12/15/20 14:02	10061-01-5	
trans-1,3-Dichloropropene	<43.7	ug/L	146	43.7	10		12/15/20 14:02	10061-02-6	
Diisopropyl ether	<18.9	ug/L	62.9	18.9	10		12/15/20 14:02	108-20-3	
Ethylbenzene	<3.2	ug/L	10.6	3.2	10		12/15/20 14:02	100-41-4	
Hexachloro-1,3-butadiene	<14.6	ug/L	48.8	14.6	10		12/15/20 14:02	87-68-3	
Isopropylbenzene (Cumene)	<16.9	ug/L	56.2	16.9	10		12/15/20 14:02	98-82-8	
p-Isopropyltoluene	<8.0	ug/L	26.7	8.0	10		12/15/20 14:02	99-87-6	
Methylene Chloride	<5.8	ug/L	50.0	5.8	10		12/15/20 14:02	75-09-2	
Methyl-tert-butyl ether	<12.5	ug/L	41.5	12.5	10		12/15/20 14:02	1634-04-4	
Naphthalene	<11.8	ug/L	50.0	11.8	10		12/15/20 14:02	91-20-3	
n-Propylbenzene	<8.1	ug/L	50.0	8.1	10		12/15/20 14:02	103-65-1	
Styrene	<30.1	ug/L	100	30.1	10		12/15/20 14:02	100-42-5	
1,1,1,2-Tetrachloroethane	<2.7	ug/L	10.0	2.7	10		12/15/20 14:02	630-20-6	
1,1,2,2-Tetrachloroethane	<2.8	ug/L	10.0	2.8	10		12/15/20 14:02	79-34-5	
Tetrachloroethene	<3.3	ug/L	10.9	3.3	10		12/15/20 14:02	127-18-4	
Toluene	<2.7	ug/L	10.0	2.7	10		12/15/20 14:02	108-88-3	
1,2,3-Trichlorobenzene	<22.1	ug/L	73.7	22.1	10		12/15/20 14:02	87-61-6	
1,2,4-Trichlorobenzene	<9.5	ug/L	50.0	9.5	10		12/15/20 14:02	120-82-1	
1,1,1-Trichloroethane	<2.4	ug/L	10.0	2.4	10		12/15/20 14:02	71-55-6	
1,1,2-Trichloroethane	<5.5	ug/L	50.0	5.5	10		12/15/20 14:02	79-00-5	
Trichloroethene	521	ug/L	10.0	2.6	10		12/15/20 14:02	79-01-6	
Trichlorofluoromethane	<2.1	ug/L	10.0	2.1	10		12/15/20 14:02	75-69-4	
1,2,3-Trichloropropane	<5.9	ug/L	50.0	5.9	10		12/15/20 14:02	96-18-4	
1,2,4-Trimethylbenzene	<8.4	ug/L	28.0	8.4	10		12/15/20 14:02	95-63-6	
1,3,5-Trimethylbenzene	<8.7	ug/L	29.1	8.7	10		12/15/20 14:02	108-67-8	
Vinyl chloride	4.4J	ug/L	10.0	1.7	10		12/15/20 14:02	75-01-4	
Xylene (Total)	<15.0	ug/L	30.0	15.0	10		12/15/20 14:02	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	95	%	70-130		10		12/15/20 14:02	460-00-4	
Dibromofluoromethane (S)	99	%	70-130		10		12/15/20 14:02	1868-53-7	
Toluene-d8 (S)	95	%	70-130		10		12/15/20 14:02	2037-26-5	
4500S2F Sulfide, Iodometric									
Analytical Method: SM 4500-S F (2000)									
Pace Analytical Services - Green Bay									
Sulfide	<1.2	mg/L	4.0	1.2	1		12/16/20 14:53		1q

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 60646104 KEP
Pace Project No.: 40219790

Sample: MW-65 **Lab ID: 40219790011** Collected: 12/10/20 14:05 Received: 12/12/20 10:45 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
300.0 IC Anions									
Analytical Method: EPA 300.0 Pace Analytical Services - Green Bay									
Chloride	1080	mg/L	200	43.1	100		12/15/20 15:12	16887-00-6	
Sulfate	109	mg/L	10.0	2.2	5		12/15/20 14:57	14808-79-8	
310.2 Alkalinity									
Analytical Method: EPA 310.2 Pace Analytical Services - Green Bay									
Alkalinity, Total as CaCO ₃	451	mg/L	24.8	7.4	1		12/16/20 12:46		
410.4 COD									
Analytical Method: EPA 410.4 Preparation Method: EPA 410.4 Pace Analytical Services - Green Bay									
Chemical Oxygen Demand	41.7J	mg/L	50.0	14.7	1	12/16/20 17:17	12/16/20 21:43		
5310C TOC									
Analytical Method: SM 5310C Pace Analytical Services - Green Bay									
Total Organic Carbon	3.8	mg/L	1.5	0.42	3		12/15/20 08:32	7440-44-0	

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ANALYTICAL RESULTS

Project: 60646104 KEP
Pace Project No.: 40219790

Sample: MW-113 **Lab ID: 40219790012** Collected: 12/10/20 15:00 Received: 12/12/20 10:45 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	<1.2	ug/L	5.6	1.2	1		12/18/20 10:59	74-84-0	
Ethene	<1.2	ug/L	5.0	1.2	1		12/18/20 10:59	74-85-1	
Methane	1.4J	ug/L	2.8	0.66	1		12/18/20 10:59	74-82-8	
6020 MET ICPMS									
Analytical Method: EPA 6020 Preparation Method: EPA 3010 Pace Analytical Services - Green Bay									
Iron	0.23J	mg/L	0.25	0.058	1	12/15/20 05:32	12/17/20 21:12	7439-89-6	
Manganese	0.028	mg/L	0.0040	0.0012	1	12/15/20 05:32	12/17/20 21:12	7439-96-5	
6020 MET ICPMS, Dissolved									
Analytical Method: EPA 6020 Preparation Method: EPA 3010 Pace Analytical Services - Green Bay									
Barium, Dissolved	0.15	mg/L	0.0023	0.00070	1	12/15/20 05:44	12/17/20 14:49	7440-39-3	
Chromium, Dissolved	<0.0010	mg/L	0.0034	0.0010	1	12/15/20 05:44	12/17/20 14:49	7440-47-3	
Iron, Dissolved	0.36	mg/L	0.25	0.058	1	12/15/20 05:44	12/17/20 14:49	7439-89-6	D9
Lead, Dissolved	<0.00024	mg/L	0.0010	0.00024	1	12/15/20 05:44	12/17/20 14:49	7439-92-1	
Manganese, Dissolved	0.046	mg/L	0.0040	0.0012	1	12/15/20 05:44	12/17/20 14:49	7439-96-5	CR
Nickel, Dissolved	0.0012	mg/L	0.0010	0.00028	1	12/15/20 05:44	12/17/20 14:49	7440-02-0	
4500S2F Sulfide, Iodometric									
Analytical Method: SM 4500-S F (2000) Pace Analytical Services - Green Bay									
Sulfide	<1.2	mg/L	4.0	1.2	1		12/16/20 14:54		
300.0 IC Anions									
Analytical Method: EPA 300.0 Pace Analytical Services - Green Bay									
Chloride	679	mg/L	40.0	8.6	20		12/15/20 15:26	16887-00-6	
Sulfate	146	mg/L	40.0	8.9	20		12/15/20 15:26	14808-79-8	
310.2 Alkalinity									
Analytical Method: EPA 310.2 Pace Analytical Services - Green Bay									
Alkalinity, Total as CaCO3	479	mg/L	24.8	7.4	1		12/16/20 12:47		
410.4 COD									
Analytical Method: EPA 410.4 Preparation Method: EPA 410.4 Pace Analytical Services - Green Bay									
Chemical Oxygen Demand	23.7J	mg/L	50.0	14.7	1	12/16/20 17:17	12/16/20 21:43		
5310C TOC									
Analytical Method: SM 5310C Pace Analytical Services - Green Bay									
Total Organic Carbon	1.8	mg/L	0.50	0.14	1		12/15/20 08:51	7440-44-0	

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ANALYTICAL RESULTS

Project: 60646104 KEP
Pace Project No.: 40219790

Sample: MW-2109 **Lab ID: 40219790013** Collected: 12/09/20 10:55 Received: 12/12/20 10:45 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	<1.2	ug/L	5.6	1.2	1		12/18/20 11:06	74-84-0	
Ethene	1.4J	ug/L	5.0	1.2	1		12/18/20 11:06	74-85-1	
Methane	161	ug/L	2.8	0.66	1		12/18/20 11:06	74-82-8	
6020 MET ICPMS									
Analytical Method: EPA 6020 Preparation Method: EPA 3010 Pace Analytical Services - Green Bay									
Iron	0.34	mg/L	0.25	0.058	1	12/15/20 05:32	12/17/20 21:33	7439-89-6	
Manganese	0.24	mg/L	0.0040	0.0012	1	12/15/20 05:32	12/17/20 21:33	7439-96-5	
6020 MET ICPMS, Dissolved									
Analytical Method: EPA 6020 Preparation Method: EPA 3010 Pace Analytical Services - Green Bay									
Barium, Dissolved	0.13	mg/L	0.0023	0.00070	1	12/15/20 05:44	12/17/20 14:56	7440-39-3	
Chromium, Dissolved	<0.0010	mg/L	0.0034	0.0010	1	12/15/20 05:44	12/17/20 14:56	7440-47-3	
Iron, Dissolved	0.43	mg/L	0.25	0.058	1	12/15/20 05:44	12/17/20 14:56	7439-89-6	D9
Lead, Dissolved	<0.00024	mg/L	0.0010	0.00024	1	12/15/20 05:44	12/17/20 14:56	7439-92-1	
Manganese, Dissolved	0.26	mg/L	0.0040	0.0012	1	12/15/20 05:44	12/17/20 14:56	7439-96-5	D9
Nickel, Dissolved	0.0014	mg/L	0.0010	0.00028	1	12/15/20 05:44	12/17/20 14:56	7440-02-0	
8260 MSV									
Analytical Method: EPA 8260 Pace Analytical Services - Green Bay									
Benzene	<0.25	ug/L	1.0	0.25	1		12/15/20 15:10	71-43-2	
Bromobenzene	<0.24	ug/L	1.0	0.24	1		12/15/20 15:10	108-86-1	
Bromochloromethane	<0.36	ug/L	5.0	0.36	1		12/15/20 15:10	74-97-5	
Bromodichloromethane	<0.36	ug/L	1.2	0.36	1		12/15/20 15:10	75-27-4	
Bromoform	<4.0	ug/L	13.2	4.0	1		12/15/20 15:10	75-25-2	
Bromomethane	<0.97	ug/L	5.0	0.97	1		12/15/20 15:10	74-83-9	
n-Butylbenzene	<0.71	ug/L	2.4	0.71	1		12/15/20 15:10	104-51-8	
sec-Butylbenzene	<0.85	ug/L	5.0	0.85	1		12/15/20 15:10	135-98-8	
tert-Butylbenzene	<0.30	ug/L	1.0	0.30	1		12/15/20 15:10	98-06-6	
Carbon tetrachloride	<1.1	ug/L	3.6	1.1	1		12/15/20 15:10	56-23-5	
Chlorobenzene	<0.71	ug/L	2.4	0.71	1		12/15/20 15:10	108-90-7	
Chloroethane	<1.3	ug/L	5.0	1.3	1		12/15/20 15:10	75-00-3	
Chloroform	<1.3	ug/L	5.0	1.3	1		12/15/20 15:10	67-66-3	
Chloromethane	<2.2	ug/L	7.3	2.2	1		12/15/20 15:10	74-87-3	
2-Chlorotoluene	<0.93	ug/L	5.0	0.93	1		12/15/20 15:10	95-49-8	
4-Chlorotoluene	<0.76	ug/L	2.5	0.76	1		12/15/20 15:10	106-43-4	
1,2-Dibromo-3-chloropropane	<1.8	ug/L	5.9	1.8	1		12/15/20 15:10	96-12-8	L2
Dibromochloromethane	<2.6	ug/L	8.7	2.6	1		12/15/20 15:10	124-48-1	
1,2-Dibromoethane (EDB)	<0.83	ug/L	2.8	0.83	1		12/15/20 15:10	106-93-4	
Dibromomethane	<0.94	ug/L	3.1	0.94	1		12/15/20 15:10	74-95-3	
1,2-Dichlorobenzene	<0.71	ug/L	2.4	0.71	1		12/15/20 15:10	95-50-1	
1,3-Dichlorobenzene	<0.63	ug/L	2.1	0.63	1		12/15/20 15:10	541-73-1	
1,4-Dichlorobenzene	<0.94	ug/L	3.1	0.94	1		12/15/20 15:10	106-46-7	
Dichlorodifluoromethane	<0.50	ug/L	5.0	0.50	1		12/15/20 15:10	75-71-8	
1,1-Dichloroethane	<0.27	ug/L	1.0	0.27	1		12/15/20 15:10	75-34-3	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 60646104 KEP
Pace Project No.: 40219790

Sample: MW-2109 **Lab ID: 40219790013** Collected: 12/09/20 10:55 Received: 12/12/20 10:45 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-Dichloroethane	<0.28	ug/L	1.0	0.28	1		12/15/20 15:10	107-06-2	
1,1-Dichloroethane	<0.24	ug/L	1.0	0.24	1		12/15/20 15:10	75-35-4	
cis-1,2-Dichloroethene	87.4	ug/L	1.0	0.27	1		12/15/20 15:10	156-59-2	
trans-1,2-Dichloroethene	1.3J	ug/L	1.5	0.46	1		12/15/20 15:10	156-60-5	
1,2-Dichloropropane	<0.28	ug/L	1.0	0.28	1		12/15/20 15:10	78-87-5	
1,3-Dichloropropane	<0.83	ug/L	2.8	0.83	1		12/15/20 15:10	142-28-9	
2,2-Dichloropropane	<2.3	ug/L	7.6	2.3	1		12/15/20 15:10	594-20-7	
1,1-Dichloropropene	<0.54	ug/L	1.8	0.54	1		12/15/20 15:10	563-58-6	
cis-1,3-Dichloropropene	<3.6	ug/L	12.1	3.6	1		12/15/20 15:10	10061-01-5	
trans-1,3-Dichloropropene	<4.4	ug/L	14.6	4.4	1		12/15/20 15:10	10061-02-6	
Diisopropyl ether	<1.9	ug/L	6.3	1.9	1		12/15/20 15:10	108-20-3	
Ethylbenzene	<0.32	ug/L	1.1	0.32	1		12/15/20 15:10	100-41-4	
Hexachloro-1,3-butadiene	<1.5	ug/L	4.9	1.5	1		12/15/20 15:10	87-68-3	
Isopropylbenzene (Cumene)	<1.7	ug/L	5.6	1.7	1		12/15/20 15:10	98-82-8	
p-Isopropyltoluene	<0.80	ug/L	2.7	0.80	1		12/15/20 15:10	99-87-6	
Methylene Chloride	<0.58	ug/L	5.0	0.58	1		12/15/20 15:10	75-09-2	
Methyl-tert-butyl ether	<1.2	ug/L	4.2	1.2	1		12/15/20 15:10	1634-04-4	
Naphthalene	<1.2	ug/L	5.0	1.2	1		12/15/20 15:10	91-20-3	
n-Propylbenzene	<0.81	ug/L	5.0	0.81	1		12/15/20 15:10	103-65-1	
Styrene	<3.0	ug/L	10.0	3.0	1		12/15/20 15:10	100-42-5	
1,1,1,2-Tetrachloroethane	<0.27	ug/L	1.0	0.27	1		12/15/20 15:10	630-20-6	
1,1,2,2-Tetrachloroethane	<0.28	ug/L	1.0	0.28	1		12/15/20 15:10	79-34-5	
Tetrachloroethene	<0.33	ug/L	1.1	0.33	1		12/15/20 15:10	127-18-4	
Toluene	<0.27	ug/L	1.0	0.27	1		12/15/20 15:10	108-88-3	
1,2,3-Trichlorobenzene	<2.2	ug/L	7.4	2.2	1		12/15/20 15:10	87-61-6	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		12/15/20 15:10	120-82-1	
1,1,1-Trichloroethane	<0.24	ug/L	1.0	0.24	1		12/15/20 15:10	71-55-6	
1,1,2-Trichloroethane	<0.55	ug/L	5.0	0.55	1		12/15/20 15:10	79-00-5	
Trichloroethene	<0.26	ug/L	1.0	0.26	1		12/15/20 15:10	79-01-6	
Trichlorofluoromethane	<0.21	ug/L	1.0	0.21	1		12/15/20 15:10	75-69-4	
1,2,3-Trichloropropane	<0.59	ug/L	5.0	0.59	1		12/15/20 15:10	96-18-4	
1,2,4-Trimethylbenzene	<0.84	ug/L	2.8	0.84	1		12/15/20 15:10	95-63-6	
1,3,5-Trimethylbenzene	<0.87	ug/L	2.9	0.87	1		12/15/20 15:10	108-67-8	
Vinyl chloride	27.7	ug/L	1.0	0.17	1		12/15/20 15:10	75-01-4	
Xylene (Total)	<1.5	ug/L	3.0	1.5	1		12/15/20 15:10	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	96	%	70-130		1		12/15/20 15:10	460-00-4	
Dibromofluoromethane (S)	99	%	70-130		1		12/15/20 15:10	1868-53-7	
Toluene-d8 (S)	96	%	70-130		1		12/15/20 15:10	2037-26-5	
4500S2F Sulfide, Iodometric									
Analytical Method: SM 4500-S F (2000)									
Pace Analytical Services - Green Bay									
Sulfide	<1.2	mg/L	4.0	1.2	1		12/16/20 14:56		

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 60646104 KEP
Pace Project No.: 40219790

Sample: MW-2109 **Lab ID: 40219790013** Collected: 12/09/20 10:55 Received: 12/12/20 10:45 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
300.0 IC Anions									
Analytical Method: EPA 300.0 Pace Analytical Services - Green Bay									
Chloride	377	mg/L	20.0	4.3	10		12/15/20 15:40	16887-00-6	
Sulfate	118	mg/L	20.0	4.4	10		12/15/20 15:40	14808-79-8	
310.2 Alkalinity									
Analytical Method: EPA 310.2 Pace Analytical Services - Green Bay									
Alkalinity, Total as CaCO ₃	520	mg/L	124	37.2	5		12/16/20 13:30		
410.4 COD									
Analytical Method: EPA 410.4 Preparation Method: EPA 410.4 Pace Analytical Services - Green Bay									
Chemical Oxygen Demand	26.0J	mg/L	50.0	14.7	1	12/16/20 17:17	12/16/20 21:43		
5310C TOC									
Analytical Method: SM 5310C Pace Analytical Services - Green Bay									
Total Organic Carbon	4.4	mg/L	1.5	0.42	3		12/15/20 09:09	7440-44-0	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 60646104 KEP

Pace Project No.: 40219790

Sample: PZ-2109 **Lab ID: 40219790014** Collected: 12/09/20 11:55 Received: 12/12/20 10:45 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	2.0J	ug/L	5.6	1.2	1		12/18/20 11:13	74-84-0	
Ethene	<1.2	ug/L	5.0	1.2	1		12/18/20 11:13	74-85-1	
Methane	241	ug/L	2.8	0.66	1		12/18/20 11:13	74-82-8	
6020 MET ICPMS									
Analytical Method: EPA 6020 Preparation Method: EPA 3010 Pace Analytical Services - Green Bay									
Iron	5.4	mg/L	0.25	0.058	1	12/15/20 05:32	12/17/20 21:40	7439-89-6	
Manganese	0.27	mg/L	0.0040	0.0012	1	12/15/20 05:32	12/17/20 21:40	7439-96-5	
6020 MET ICPMS, Dissolved									
Analytical Method: EPA 6020 Preparation Method: EPA 3010 Pace Analytical Services - Green Bay									
Barium, Dissolved	0.27	mg/L	0.0023	0.00070	1	12/15/20 05:44	12/17/20 15:03	7440-39-3	
Chromium, Dissolved	<0.010	mg/L	0.034	0.010	10	12/15/20 05:44	12/18/20 15:31	7440-47-3	D3
Iron, Dissolved	6.0	mg/L	2.5	0.58	10	12/15/20 05:44	12/18/20 15:31	7439-89-6	D9
Lead, Dissolved	<0.00024	mg/L	0.0010	0.00024	1	12/15/20 05:44	12/17/20 15:03	7439-92-1	
Manganese, Dissolved	0.29	mg/L	0.040	0.012	10	12/15/20 05:44	12/18/20 15:31	7439-96-5	D9
Nickel, Dissolved	<0.0028	mg/L	0.010	0.0028	10	12/15/20 05:44	12/18/20 15:31	7440-02-0	D3
8260 MSV									
Analytical Method: EPA 8260 Pace Analytical Services - Green Bay									
Benzene	<0.25	ug/L	1.0	0.25	1		12/15/20 15:32	71-43-2	
Bromobenzene	<0.24	ug/L	1.0	0.24	1		12/15/20 15:32	108-86-1	
Bromochloromethane	<0.36	ug/L	5.0	0.36	1		12/15/20 15:32	74-97-5	
Bromodichloromethane	<0.36	ug/L	1.2	0.36	1		12/15/20 15:32	75-27-4	
Bromoform	<4.0	ug/L	13.2	4.0	1		12/15/20 15:32	75-25-2	
Bromomethane	<0.97	ug/L	5.0	0.97	1		12/15/20 15:32	74-83-9	
n-Butylbenzene	<0.71	ug/L	2.4	0.71	1		12/15/20 15:32	104-51-8	
sec-Butylbenzene	<0.85	ug/L	5.0	0.85	1		12/15/20 15:32	135-98-8	
tert-Butylbenzene	<0.30	ug/L	1.0	0.30	1		12/15/20 15:32	98-06-6	
Carbon tetrachloride	<1.1	ug/L	3.6	1.1	1		12/15/20 15:32	56-23-5	
Chlorobenzene	<0.71	ug/L	2.4	0.71	1		12/15/20 15:32	108-90-7	
Chloroethane	<1.3	ug/L	5.0	1.3	1		12/15/20 15:32	75-00-3	
Chloroform	<1.3	ug/L	5.0	1.3	1		12/15/20 15:32	67-66-3	
Chloromethane	<2.2	ug/L	7.3	2.2	1		12/15/20 15:32	74-87-3	
2-Chlorotoluene	<0.93	ug/L	5.0	0.93	1		12/15/20 15:32	95-49-8	
4-Chlorotoluene	<0.76	ug/L	2.5	0.76	1		12/15/20 15:32	106-43-4	
1,2-Dibromo-3-chloropropane	<1.8	ug/L	5.9	1.8	1		12/15/20 15:32	96-12-8	L2
Dibromochloromethane	<2.6	ug/L	8.7	2.6	1		12/15/20 15:32	124-48-1	
1,2-Dibromoethane (EDB)	<0.83	ug/L	2.8	0.83	1		12/15/20 15:32	106-93-4	
Dibromomethane	<0.94	ug/L	3.1	0.94	1		12/15/20 15:32	74-95-3	
1,2-Dichlorobenzene	<0.71	ug/L	2.4	0.71	1		12/15/20 15:32	95-50-1	
1,3-Dichlorobenzene	<0.63	ug/L	2.1	0.63	1		12/15/20 15:32	541-73-1	
1,4-Dichlorobenzene	<0.94	ug/L	3.1	0.94	1		12/15/20 15:32	106-46-7	
Dichlorodifluoromethane	<0.50	ug/L	5.0	0.50	1		12/15/20 15:32	75-71-8	
1,1-Dichloroethane	<0.27	ug/L	1.0	0.27	1		12/15/20 15:32	75-34-3	

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ANALYTICAL RESULTS

Project: 60646104 KEP

Pace Project No.: 40219790

Sample: PZ-2109 **Lab ID: 40219790014** Collected: 12/09/20 11:55 Received: 12/12/20 10:45 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-Dichloroethane	<0.28	ug/L	1.0	0.28	1		12/15/20 15:32	107-06-2	
1,1-Dichloroethane	<0.24	ug/L	1.0	0.24	1		12/15/20 15:32	75-35-4	
cis-1,2-Dichloroethene	11.3	ug/L	1.0	0.27	1		12/15/20 15:32	156-59-2	
trans-1,2-Dichloroethene	<0.46	ug/L	1.5	0.46	1		12/15/20 15:32	156-60-5	
1,2-Dichloropropane	<0.28	ug/L	1.0	0.28	1		12/15/20 15:32	78-87-5	
1,3-Dichloropropane	<0.83	ug/L	2.8	0.83	1		12/15/20 15:32	142-28-9	
2,2-Dichloropropane	<2.3	ug/L	7.6	2.3	1		12/15/20 15:32	594-20-7	
1,1-Dichloropropene	<0.54	ug/L	1.8	0.54	1		12/15/20 15:32	563-58-6	
cis-1,3-Dichloropropene	<3.6	ug/L	12.1	3.6	1		12/15/20 15:32	10061-01-5	
trans-1,3-Dichloropropene	<4.4	ug/L	14.6	4.4	1		12/15/20 15:32	10061-02-6	
Diisopropyl ether	<1.9	ug/L	6.3	1.9	1		12/15/20 15:32	108-20-3	
Ethylbenzene	<0.32	ug/L	1.1	0.32	1		12/15/20 15:32	100-41-4	
Hexachloro-1,3-butadiene	<1.5	ug/L	4.9	1.5	1		12/15/20 15:32	87-68-3	
Isopropylbenzene (Cumene)	<1.7	ug/L	5.6	1.7	1		12/15/20 15:32	98-82-8	
p-Isopropyltoluene	<0.80	ug/L	2.7	0.80	1		12/15/20 15:32	99-87-6	
Methylene Chloride	<0.58	ug/L	5.0	0.58	1		12/15/20 15:32	75-09-2	
Methyl-tert-butyl ether	<1.2	ug/L	4.2	1.2	1		12/15/20 15:32	1634-04-4	
Naphthalene	<1.2	ug/L	5.0	1.2	1		12/15/20 15:32	91-20-3	
n-Propylbenzene	<0.81	ug/L	5.0	0.81	1		12/15/20 15:32	103-65-1	
Styrene	<3.0	ug/L	10.0	3.0	1		12/15/20 15:32	100-42-5	
1,1,1,2-Tetrachloroethane	<0.27	ug/L	1.0	0.27	1		12/15/20 15:32	630-20-6	
1,1,2,2-Tetrachloroethane	<0.28	ug/L	1.0	0.28	1		12/15/20 15:32	79-34-5	
Tetrachloroethene	<0.33	ug/L	1.1	0.33	1		12/15/20 15:32	127-18-4	
Toluene	<0.27	ug/L	1.0	0.27	1		12/15/20 15:32	108-88-3	
1,2,3-Trichlorobenzene	<2.2	ug/L	7.4	2.2	1		12/15/20 15:32	87-61-6	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		12/15/20 15:32	120-82-1	
1,1,1-Trichloroethane	<0.24	ug/L	1.0	0.24	1		12/15/20 15:32	71-55-6	
1,1,2-Trichloroethane	<0.55	ug/L	5.0	0.55	1		12/15/20 15:32	79-00-5	
Trichloroethene	<0.26	ug/L	1.0	0.26	1		12/15/20 15:32	79-01-6	
Trichlorofluoromethane	<0.21	ug/L	1.0	0.21	1		12/15/20 15:32	75-69-4	
1,2,3-Trichloropropane	<0.59	ug/L	5.0	0.59	1		12/15/20 15:32	96-18-4	
1,2,4-Trimethylbenzene	<0.84	ug/L	2.8	0.84	1		12/15/20 15:32	95-63-6	
1,3,5-Trimethylbenzene	<0.87	ug/L	2.9	0.87	1		12/15/20 15:32	108-67-8	
Vinyl chloride	9.3	ug/L	1.0	0.17	1		12/15/20 15:32	75-01-4	
Xylene (Total)	<1.5	ug/L	3.0	1.5	1		12/15/20 15:32	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	95	%	70-130		1		12/15/20 15:32	460-00-4	
Dibromofluoromethane (S)	101	%	70-130		1		12/15/20 15:32	1868-53-7	
Toluene-d8 (S)	95	%	70-130		1		12/15/20 15:32	2037-26-5	

4500S2F Sulfide, Iodometric

Analytical Method: SM 4500-S F (2000)

Pace Analytical Services - Green Bay

Sulfide	<1.2	mg/L	4.0	1.2	1		12/16/20 14:59		
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ANALYTICAL RESULTS

Project: 60646104 KEP
Pace Project No.: 40219790

Sample: PZ-2109 **Lab ID: 40219790014** Collected: 12/09/20 11:55 Received: 12/12/20 10:45 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
300.0 IC Anions									
Analytical Method: EPA 300.0 Pace Analytical Services - Green Bay									
Chloride	2020	mg/L	100	21.6	50		12/15/20 15:55	16887-00-6	
Sulfate	95.6	mg/L	10.0	2.2	5		12/15/20 05:09	14808-79-8	
310.2 Alkalinity									
Analytical Method: EPA 310.2 Pace Analytical Services - Green Bay									
Alkalinity, Total as CaCO ₃	429	mg/L	49.6	14.9	2		12/16/20 12:49		
410.4 COD									
Analytical Method: EPA 410.4 Preparation Method: EPA 410.4 Pace Analytical Services - Green Bay									
Chemical Oxygen Demand	84.3	mg/L	50.0	14.7	1	12/16/20 17:17	12/16/20 21:43		
5310C TOC									
Analytical Method: SM 5310C Pace Analytical Services - Green Bay									
Total Organic Carbon	3.2	mg/L	1.5	0.42	3		12/15/20 09:26	7440-44-0	

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ANALYTICAL RESULTS

Project: 60646104 KEP

Pace Project No.: 40219790

Sample: MW-2108 **Lab ID: 40219790015** Collected: 12/09/20 13:10 Received: 12/12/20 10:45 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	3.2J	ug/L	5.6	1.2	1		12/18/20 11:20	74-84-0	
Ethene	<1.2	ug/L	5.0	1.2	1		12/18/20 11:20	74-85-1	
Methane	114	ug/L	2.8	0.66	1		12/18/20 11:20	74-82-8	
6020 MET ICPMS									
Analytical Method: EPA 6020 Preparation Method: EPA 3010									
Pace Analytical Services - Green Bay									
Iron	0.41	mg/L	0.25	0.058	1	12/15/20 05:32	12/17/20 21:46	7439-89-6	
Manganese	0.18	mg/L	0.0040	0.0012	1	12/15/20 05:32	12/17/20 21:46	7439-96-5	
6020 MET ICPMS, Dissolved									
Analytical Method: EPA 6020 Preparation Method: EPA 3010									
Pace Analytical Services - Green Bay									
Barium, Dissolved	0.053	mg/L	0.0023	0.00070	1	12/15/20 05:44	12/17/20 15:09	7440-39-3	
Chromium, Dissolved	<0.0010	mg/L	0.0034	0.0010	1	12/15/20 05:44	12/17/20 15:09	7440-47-3	
Iron, Dissolved	0.45	mg/L	0.25	0.058	1	12/15/20 05:44	12/17/20 15:09	7439-89-6	D9
Lead, Dissolved	<0.00024	mg/L	0.0010	0.00024	1	12/15/20 05:44	12/17/20 15:09	7439-92-1	
Manganese, Dissolved	0.17	mg/L	0.0040	0.0012	1	12/15/20 05:44	12/17/20 15:09	7439-96-5	
Nickel, Dissolved	0.0015	mg/L	0.0010	0.00028	1	12/15/20 05:44	12/17/20 15:09	7440-02-0	
8260 MSV									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
Benzene	0.27J	ug/L	1.0	0.25	1		12/15/20 15:55	71-43-2	
Bromobenzene	<0.24	ug/L	1.0	0.24	1		12/15/20 15:55	108-86-1	
Bromochloromethane	<0.36	ug/L	5.0	0.36	1		12/15/20 15:55	74-97-5	
Bromodichloromethane	<0.36	ug/L	1.2	0.36	1		12/15/20 15:55	75-27-4	
Bromoform	<4.0	ug/L	13.2	4.0	1		12/15/20 15:55	75-25-2	
Bromomethane	<0.97	ug/L	5.0	0.97	1		12/15/20 15:55	74-83-9	
n-Butylbenzene	<0.71	ug/L	2.4	0.71	1		12/15/20 15:55	104-51-8	
sec-Butylbenzene	<0.85	ug/L	5.0	0.85	1		12/15/20 15:55	135-98-8	
tert-Butylbenzene	<0.30	ug/L	1.0	0.30	1		12/15/20 15:55	98-06-6	
Carbon tetrachloride	<1.1	ug/L	3.6	1.1	1		12/15/20 15:55	56-23-5	
Chlorobenzene	<0.71	ug/L	2.4	0.71	1		12/15/20 15:55	108-90-7	
Chloroethane	<1.3	ug/L	5.0	1.3	1		12/15/20 15:55	75-00-3	
Chloroform	<1.3	ug/L	5.0	1.3	1		12/15/20 15:55	67-66-3	
Chloromethane	<2.2	ug/L	7.3	2.2	1		12/15/20 15:55	74-87-3	
2-Chlorotoluene	<0.93	ug/L	5.0	0.93	1		12/15/20 15:55	95-49-8	
4-Chlorotoluene	<0.76	ug/L	2.5	0.76	1		12/15/20 15:55	106-43-4	
1,2-Dibromo-3-chloropropane	<1.8	ug/L	5.9	1.8	1		12/15/20 15:55	96-12-8	L2
Dibromochloromethane	<2.6	ug/L	8.7	2.6	1		12/15/20 15:55	124-48-1	
1,2-Dibromoethane (EDB)	<0.83	ug/L	2.8	0.83	1		12/15/20 15:55	106-93-4	
Dibromomethane	<0.94	ug/L	3.1	0.94	1		12/15/20 15:55	74-95-3	
1,2-Dichlorobenzene	<0.71	ug/L	2.4	0.71	1		12/15/20 15:55	95-50-1	
1,3-Dichlorobenzene	<0.63	ug/L	2.1	0.63	1		12/15/20 15:55	541-73-1	
1,4-Dichlorobenzene	<0.94	ug/L	3.1	0.94	1		12/15/20 15:55	106-46-7	
Dichlorodifluoromethane	<0.50	ug/L	5.0	0.50	1		12/15/20 15:55	75-71-8	
1,1-Dichloroethane	<0.27	ug/L	1.0	0.27	1		12/15/20 15:55	75-34-3	

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ANALYTICAL RESULTS

Project: 60646104 KEP
Pace Project No.: 40219790

Sample: MW-2108 **Lab ID: 40219790015** Collected: 12/09/20 13:10 Received: 12/12/20 10:45 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-Dichloroethane	<0.28	ug/L	1.0	0.28	1		12/15/20 15:55	107-06-2	
1,1-Dichloroethane	<0.24	ug/L	1.0	0.24	1		12/15/20 15:55	75-35-4	
cis-1,2-Dichloroethene	<0.27	ug/L	1.0	0.27	1		12/15/20 15:55	156-59-2	
trans-1,2-Dichloroethene	<0.46	ug/L	1.5	0.46	1		12/15/20 15:55	156-60-5	
1,2-Dichloropropane	<0.28	ug/L	1.0	0.28	1		12/15/20 15:55	78-87-5	
1,3-Dichloropropane	<0.83	ug/L	2.8	0.83	1		12/15/20 15:55	142-28-9	
2,2-Dichloropropane	<2.3	ug/L	7.6	2.3	1		12/15/20 15:55	594-20-7	
1,1-Dichloropropene	<0.54	ug/L	1.8	0.54	1		12/15/20 15:55	563-58-6	
cis-1,3-Dichloropropene	<3.6	ug/L	12.1	3.6	1		12/15/20 15:55	10061-01-5	
trans-1,3-Dichloropropene	<4.4	ug/L	14.6	4.4	1		12/15/20 15:55	10061-02-6	
Diisopropyl ether	<1.9	ug/L	6.3	1.9	1		12/15/20 15:55	108-20-3	
Ethylbenzene	2.1	ug/L	1.1	0.32	1		12/15/20 15:55	100-41-4	
Hexachloro-1,3-butadiene	<1.5	ug/L	4.9	1.5	1		12/15/20 15:55	87-68-3	
Isopropylbenzene (Cumene)	<1.7	ug/L	5.6	1.7	1		12/15/20 15:55	98-82-8	
p-Isopropyltoluene	<0.80	ug/L	2.7	0.80	1		12/15/20 15:55	99-87-6	
Methylene Chloride	<0.58	ug/L	5.0	0.58	1		12/15/20 15:55	75-09-2	
Methyl-tert-butyl ether	<1.2	ug/L	4.2	1.2	1		12/15/20 15:55	1634-04-4	
Naphthalene	<1.2	ug/L	5.0	1.2	1		12/15/20 15:55	91-20-3	
n-Propylbenzene	<0.81	ug/L	5.0	0.81	1		12/15/20 15:55	103-65-1	
Styrene	<3.0	ug/L	10.0	3.0	1		12/15/20 15:55	100-42-5	
1,1,1,2-Tetrachloroethane	<0.27	ug/L	1.0	0.27	1		12/15/20 15:55	630-20-6	
1,1,2,2-Tetrachloroethane	<0.28	ug/L	1.0	0.28	1		12/15/20 15:55	79-34-5	
Tetrachloroethene	<0.33	ug/L	1.1	0.33	1		12/15/20 15:55	127-18-4	
Toluene	0.74J	ug/L	1.0	0.27	1		12/15/20 15:55	108-88-3	
1,2,3-Trichlorobenzene	<2.2	ug/L	7.4	2.2	1		12/15/20 15:55	87-61-6	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		12/15/20 15:55	120-82-1	
1,1,1-Trichloroethane	<0.24	ug/L	1.0	0.24	1		12/15/20 15:55	71-55-6	
1,1,2-Trichloroethane	<0.55	ug/L	5.0	0.55	1		12/15/20 15:55	79-00-5	
Trichloroethene	<0.26	ug/L	1.0	0.26	1		12/15/20 15:55	79-01-6	
Trichlorofluoromethane	<0.21	ug/L	1.0	0.21	1		12/15/20 15:55	75-69-4	
1,2,3-Trichloropropane	<0.59	ug/L	5.0	0.59	1		12/15/20 15:55	96-18-4	
1,2,4-Trimethylbenzene	<0.84	ug/L	2.8	0.84	1		12/15/20 15:55	95-63-6	
1,3,5-Trimethylbenzene	<0.87	ug/L	2.9	0.87	1		12/15/20 15:55	108-67-8	
Vinyl chloride	2.3	ug/L	1.0	0.17	1		12/15/20 15:55	75-01-4	
Xylene (Total)	3.4	ug/L	3.0	1.5	1		12/15/20 15:55	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	95	%	70-130		1		12/15/20 15:55	460-00-4	
Dibromofluoromethane (S)	99	%	70-130		1		12/15/20 15:55	1868-53-7	
Toluene-d8 (S)	96	%	70-130		1		12/15/20 15:55	2037-26-5	
4500S2F Sulfide, Iodometric									
Analytical Method: SM 4500-S F (2000)									
Pace Analytical Services - Green Bay									
Sulfide	1.6J	mg/L	4.0	1.2	1		12/16/20 15:07		

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ANALYTICAL RESULTS

Project: 60646104 KEP

Pace Project No.: 40219790

Sample: MW-2108 **Lab ID: 40219790015** Collected: 12/09/20 13:10 Received: 12/12/20 10:45 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
300.0 IC Anions									
Analytical Method: EPA 300.0 Pace Analytical Services - Green Bay									
Chloride	20.0	mg/L	2.0	0.43	1		12/15/20 05:23	16887-00-6	
Sulfate	144	mg/L	10.0	2.2	5		12/15/20 16:52	14808-79-8	
310.2 Alkalinity									
Analytical Method: EPA 310.2 Pace Analytical Services - Green Bay									
Alkalinity, Total as CaCO ₃	159	mg/L	24.8	7.4	1		12/16/20 12:51		
410.4 COD									
Analytical Method: EPA 410.4 Preparation Method: EPA 410.4 Pace Analytical Services - Green Bay									
Chemical Oxygen Demand	28.2J	mg/L	50.0	14.7	1	12/16/20 17:17	12/16/20 21:43		
5310C TOC									
Analytical Method: SM 5310C Pace Analytical Services - Green Bay									
Total Organic Carbon	8.8	mg/L	5.0	1.4	10		12/15/20 10:03	7440-44-0	

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ANALYTICAL RESULTS

Project: 60646104 KEP
Pace Project No.: 40219790

Sample: MW-2107 **Lab ID: 40219790016** Collected: 12/09/20 14:25 Received: 12/12/20 10:45 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	8.2	ug/L	5.6	1.2	1		12/18/20 11:43	74-84-0	
Ethene	17.8	ug/L	5.0	1.2	1		12/18/20 11:43	74-85-1	
Methane	493	ug/L	11.2	2.7	4		12/18/20 13:08	74-82-8	
6020 MET ICPMS									
Analytical Method: EPA 6020 Preparation Method: EPA 3010 Pace Analytical Services - Green Bay									
Iron	1.0	mg/L	0.25	0.058	1	12/15/20 05:32	12/17/20 21:53	7439-89-6	
Manganese	0.17	mg/L	0.0040	0.0012	1	12/15/20 05:32	12/17/20 21:53	7439-96-5	
6020 MET ICPMS, Dissolved									
Analytical Method: EPA 6020 Preparation Method: EPA 3010 Pace Analytical Services - Green Bay									
Barium, Dissolved	0.24	mg/L	0.0023	0.00070	1	12/15/20 05:44	12/17/20 15:30	7440-39-3	
Chromium, Dissolved	<0.0010	mg/L	0.0034	0.0010	1	12/15/20 05:44	12/17/20 15:30	7440-47-3	
Iron, Dissolved	1.1	mg/L	0.25	0.058	1	12/15/20 05:44	12/17/20 15:30	7439-89-6	D9
Lead, Dissolved	<0.00024	mg/L	0.0010	0.00024	1	12/15/20 05:44	12/17/20 15:30	7439-92-1	
Manganese, Dissolved	0.18	mg/L	0.0040	0.0012	1	12/15/20 05:44	12/17/20 15:30	7439-96-5	D9
Nickel, Dissolved	0.0024	mg/L	0.0010	0.00028	1	12/15/20 05:44	12/17/20 15:30	7440-02-0	
8260 MSV									
Analytical Method: EPA 8260 Pace Analytical Services - Green Bay									
Benzene	<0.62	ug/L	2.5	0.62	2.5		12/15/20 12:32	71-43-2	
Bromobenzene	<0.60	ug/L	2.5	0.60	2.5		12/15/20 12:32	108-86-1	
Bromochloromethane	<0.91	ug/L	12.5	0.91	2.5		12/15/20 12:32	74-97-5	
Bromodichloromethane	<0.91	ug/L	3.0	0.91	2.5		12/15/20 12:32	75-27-4	
Bromoform	<9.9	ug/L	33.1	9.9	2.5		12/15/20 12:32	75-25-2	
Bromomethane	<2.4	ug/L	12.5	2.4	2.5		12/15/20 12:32	74-83-9	
n-Butylbenzene	<1.8	ug/L	5.9	1.8	2.5		12/15/20 12:32	104-51-8	
sec-Butylbenzene	<2.1	ug/L	12.5	2.1	2.5		12/15/20 12:32	135-98-8	
tert-Butylbenzene	<0.76	ug/L	2.5	0.76	2.5		12/15/20 12:32	98-06-6	
Carbon tetrachloride	<2.7	ug/L	9.0	2.7	2.5		12/15/20 12:32	56-23-5	
Chlorobenzene	<1.8	ug/L	5.9	1.8	2.5		12/15/20 12:32	108-90-7	
Chloroethane	8.6J	ug/L	12.5	3.4	2.5		12/15/20 12:32	75-00-3	
Chloroform	<3.2	ug/L	12.5	3.2	2.5		12/15/20 12:32	67-66-3	
Chloromethane	<5.5	ug/L	18.2	5.5	2.5		12/15/20 12:32	74-87-3	
2-Chlorotoluene	<2.3	ug/L	12.5	2.3	2.5		12/15/20 12:32	95-49-8	
4-Chlorotoluene	<1.9	ug/L	6.3	1.9	2.5		12/15/20 12:32	106-43-4	
1,2-Dibromo-3-chloropropane	<4.4	ug/L	14.7	4.4	2.5		12/15/20 12:32	96-12-8	L2
Dibromochloromethane	<6.5	ug/L	21.7	6.5	2.5		12/15/20 12:32	124-48-1	
1,2-Dibromoethane (EDB)	<2.1	ug/L	6.9	2.1	2.5		12/15/20 12:32	106-93-4	
Dibromomethane	<2.3	ug/L	7.8	2.3	2.5		12/15/20 12:32	74-95-3	
1,2-Dichlorobenzene	<1.8	ug/L	5.9	1.8	2.5		12/15/20 12:32	95-50-1	
1,3-Dichlorobenzene	<1.6	ug/L	5.2	1.6	2.5		12/15/20 12:32	541-73-1	
1,4-Dichlorobenzene	<2.4	ug/L	7.9	2.4	2.5		12/15/20 12:32	106-46-7	
Dichlorodifluoromethane	<1.2	ug/L	12.5	1.2	2.5		12/15/20 12:32	75-71-8	
1,1-Dichloroethane	<0.68	ug/L	2.5	0.68	2.5		12/15/20 12:32	75-34-3	

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ANALYTICAL RESULTS

Project: 60646104 KEP
Pace Project No.: 40219790

Sample: MW-2107 **Lab ID: 40219790016** Collected: 12/09/20 14:25 Received: 12/12/20 10:45 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-Dichloroethane	<0.70	ug/L	2.5	0.70	2.5		12/15/20 12:32	107-06-2	
1,1-Dichloroethane	<0.61	ug/L	2.5	0.61	2.5		12/15/20 12:32	75-35-4	
cis-1,2-Dichloroethene	8.8	ug/L	2.5	0.68	2.5		12/15/20 12:32	156-59-2	
trans-1,2-Dichloroethene	<1.2	ug/L	3.9	1.2	2.5		12/15/20 12:32	156-60-5	
1,2-Dichloropropane	<0.71	ug/L	2.5	0.71	2.5		12/15/20 12:32	78-87-5	
1,3-Dichloropropane	<2.1	ug/L	6.9	2.1	2.5		12/15/20 12:32	142-28-9	
2,2-Dichloropropane	<5.7	ug/L	18.9	5.7	2.5		12/15/20 12:32	594-20-7	
1,1-Dichloropropene	<1.4	ug/L	4.5	1.4	2.5		12/15/20 12:32	563-58-6	
cis-1,3-Dichloropropene	<9.1	ug/L	30.2	9.1	2.5		12/15/20 12:32	10061-01-5	
trans-1,3-Dichloropropene	<10.9	ug/L	36.4	10.9	2.5		12/15/20 12:32	10061-02-6	
Diisopropyl ether	<4.7	ug/L	15.7	4.7	2.5		12/15/20 12:32	108-20-3	
Ethylbenzene	<0.80	ug/L	2.7	0.80	2.5		12/15/20 12:32	100-41-4	
Hexachloro-1,3-butadiene	<3.7	ug/L	12.2	3.7	2.5		12/15/20 12:32	87-68-3	
Isopropylbenzene (Cumene)	<4.2	ug/L	14.0	4.2	2.5		12/15/20 12:32	98-82-8	
p-Isopropyltoluene	<2.0	ug/L	6.7	2.0	2.5		12/15/20 12:32	99-87-6	
Methylene Chloride	<1.5	ug/L	12.5	1.5	2.5		12/15/20 12:32	75-09-2	
Methyl-tert-butyl ether	<3.1	ug/L	10.4	3.1	2.5		12/15/20 12:32	1634-04-4	
Naphthalene	<2.9	ug/L	12.5	2.9	2.5		12/15/20 12:32	91-20-3	
n-Propylbenzene	<2.0	ug/L	12.5	2.0	2.5		12/15/20 12:32	103-65-1	
Styrene	<7.5	ug/L	25.1	7.5	2.5		12/15/20 12:32	100-42-5	
1,1,1,2-Tetrachloroethane	<0.67	ug/L	2.5	0.67	2.5		12/15/20 12:32	630-20-6	
1,1,1,2,2-Tetrachloroethane	<0.69	ug/L	2.5	0.69	2.5		12/15/20 12:32	79-34-5	
Tetrachloroethene	<0.82	ug/L	2.7	0.82	2.5		12/15/20 12:32	127-18-4	
Toluene	<0.67	ug/L	2.5	0.67	2.5		12/15/20 12:32	108-88-3	
1,2,3-Trichlorobenzene	<5.5	ug/L	18.4	5.5	2.5		12/15/20 12:32	87-61-6	
1,2,4-Trichlorobenzene	<2.4	ug/L	12.5	2.4	2.5		12/15/20 12:32	120-82-1	
1,1,1-Trichloroethane	<0.61	ug/L	2.5	0.61	2.5		12/15/20 12:32	71-55-6	
1,1,2-Trichloroethane	<1.4	ug/L	12.5	1.4	2.5		12/15/20 12:32	79-00-5	
Trichloroethene	<0.64	ug/L	2.5	0.64	2.5		12/15/20 12:32	79-01-6	
Trichlorofluoromethane	<0.54	ug/L	2.5	0.54	2.5		12/15/20 12:32	75-69-4	
1,2,3-Trichloropropane	<1.5	ug/L	12.5	1.5	2.5		12/15/20 12:32	96-18-4	
1,2,4-Trimethylbenzene	<2.1	ug/L	7.0	2.1	2.5		12/15/20 12:32	95-63-6	
1,3,5-Trimethylbenzene	<2.2	ug/L	7.3	2.2	2.5		12/15/20 12:32	108-67-8	
Vinyl chloride	293	ug/L	2.5	0.44	2.5		12/15/20 12:32	75-01-4	
Xylene (Total)	<3.8	ug/L	7.5	3.8	2.5		12/15/20 12:32	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	94	%	70-130		2.5		12/15/20 12:32	460-00-4	
Dibromofluoromethane (S)	97	%	70-130		2.5		12/15/20 12:32	1868-53-7	
Toluene-d8 (S)	97	%	70-130		2.5		12/15/20 12:32	2037-26-5	
4500S2F Sulfide, Iodometric									
Analytical Method: SM 4500-S F (2000)									
Pace Analytical Services - Green Bay									
Sulfide	<1.2	mg/L	4.0	1.2	1		12/16/20 15:09		

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ANALYTICAL RESULTS

Project: 60646104 KEP
Pace Project No.: 40219790

Sample: MW-2107 **Lab ID: 40219790016** Collected: 12/09/20 14:25 Received: 12/12/20 10:45 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
300.0 IC Anions									
Analytical Method: EPA 300.0 Pace Analytical Services - Green Bay									
Chloride	40.3	mg/L	2.0	0.43	1		12/15/20 05:37	16887-00-6	
Sulfate	161	mg/L	20.0	4.4	10		12/15/20 17:07	14808-79-8	
310.2 Alkalinity									
Analytical Method: EPA 310.2 Pace Analytical Services - Green Bay									
Alkalinity, Total as CaCO ₃	292	mg/L	24.8	7.4	1		12/16/20 12:52		
410.4 COD									
Analytical Method: EPA 410.4 Preparation Method: EPA 410.4 Pace Analytical Services - Green Bay									
Chemical Oxygen Demand	52.9	mg/L	50.0	14.7	1	12/16/20 17:17	12/16/20 21:44		
5310C TOC									
Analytical Method: SM 5310C Pace Analytical Services - Green Bay									
Total Organic Carbon	16.3	mg/L	15.0	4.2	30		12/15/20 10:17	7440-44-0	

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ANALYTICAL RESULTS

Project: 60646104 KEP

Pace Project No.: 40219790

Sample: PZ-2107 **Lab ID: 40219790017** Collected: 12/09/20 15:15 Received: 12/12/20 10:45 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	4.2J	ug/L	5.6	1.2	1		12/18/20 11:50	74-84-0	
Ethene	42.8	ug/L	5.0	1.2	1		12/18/20 11:50	74-85-1	
Methane	72.5	ug/L	2.8	0.66	1		12/18/20 11:50	74-82-8	
6020 MET ICPMS									
Analytical Method: EPA 6020 Preparation Method: EPA 3010									
Pace Analytical Services - Green Bay									
Iron	<0.058	mg/L	0.25	0.058	1	12/15/20 05:32	12/17/20 22:00	7439-89-6	
Manganese	0.085	mg/L	0.0040	0.0012	1	12/15/20 05:32	12/17/20 22:00	7439-96-5	
6020 MET ICPMS, Dissolved									
Analytical Method: EPA 6020 Preparation Method: EPA 3010									
Pace Analytical Services - Green Bay									
Barium, Dissolved	0.10	mg/L	0.0023	0.00070	1	12/15/20 05:44	12/17/20 15:37	7440-39-3	
Chromium, Dissolved	<0.0010	mg/L	0.0034	0.0010	1	12/15/20 05:44	12/17/20 15:37	7440-47-3	
Iron, Dissolved	<0.058	mg/L	0.25	0.058	1	12/15/20 05:44	12/17/20 15:37	7439-89-6	
Lead, Dissolved	<0.00024	mg/L	0.0010	0.00024	1	12/15/20 05:44	12/17/20 15:37	7439-92-1	
Manganese, Dissolved	0.086	mg/L	0.0040	0.0012	1	12/15/20 05:44	12/17/20 15:37	7439-96-5	D9
Nickel, Dissolved	0.0069	mg/L	0.0010	0.00028	1	12/15/20 05:44	12/17/20 15:37	7440-02-0	
8260 MSV									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
Benzene	<2.5	ug/L	10.0	2.5	10		12/15/20 12:55	71-43-2	
Bromobenzene	<2.4	ug/L	10.0	2.4	10		12/15/20 12:55	108-86-1	
Bromochloromethane	<3.6	ug/L	50.0	3.6	10		12/15/20 12:55	74-97-5	
Bromodichloromethane	<3.6	ug/L	12.1	3.6	10		12/15/20 12:55	75-27-4	
Bromoform	<39.7	ug/L	132	39.7	10		12/15/20 12:55	75-25-2	
Bromomethane	<9.7	ug/L	50.0	9.7	10		12/15/20 12:55	74-83-9	
n-Butylbenzene	<7.1	ug/L	23.6	7.1	10		12/15/20 12:55	104-51-8	
sec-Butylbenzene	<8.5	ug/L	50.0	8.5	10		12/15/20 12:55	135-98-8	
tert-Butylbenzene	<3.0	ug/L	10.1	3.0	10		12/15/20 12:55	98-06-6	
Carbon tetrachloride	<10.8	ug/L	35.9	10.8	10		12/15/20 12:55	56-23-5	
Chlorobenzene	<7.1	ug/L	23.7	7.1	10		12/15/20 12:55	108-90-7	
Chloroethane	<13.4	ug/L	50.0	13.4	10		12/15/20 12:55	75-00-3	
Chloroform	<12.7	ug/L	50.0	12.7	10		12/15/20 12:55	67-66-3	
Chloromethane	<21.9	ug/L	73.0	21.9	10		12/15/20 12:55	74-87-3	
2-Chlorotoluene	<9.3	ug/L	50.0	9.3	10		12/15/20 12:55	95-49-8	
4-Chlorotoluene	<7.6	ug/L	25.2	7.6	10		12/15/20 12:55	106-43-4	
1,2-Dibromo-3-chloropropane	<17.6	ug/L	58.8	17.6	10		12/15/20 12:55	96-12-8	L2
Dibromochloromethane	<26.0	ug/L	86.7	26.0	10		12/15/20 12:55	124-48-1	
1,2-Dibromoethane (EDB)	<8.3	ug/L	27.6	8.3	10		12/15/20 12:55	106-93-4	
Dibromomethane	<9.4	ug/L	31.2	9.4	10		12/15/20 12:55	74-95-3	
1,2-Dichlorobenzene	<7.1	ug/L	23.5	7.1	10		12/15/20 12:55	95-50-1	
1,3-Dichlorobenzene	<6.3	ug/L	20.9	6.3	10		12/15/20 12:55	541-73-1	
1,4-Dichlorobenzene	<9.4	ug/L	31.5	9.4	10		12/15/20 12:55	106-46-7	
Dichlorodifluoromethane	<5.0	ug/L	50.0	5.0	10		12/15/20 12:55	75-71-8	
1,1-Dichloroethane	<2.7	ug/L	10.0	2.7	10		12/15/20 12:55	75-34-3	

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ANALYTICAL RESULTS

Project: 60646104 KEP
Pace Project No.: 40219790

Sample: PZ-2107 **Lab ID: 40219790017** Collected: 12/09/20 15:15 Received: 12/12/20 10:45 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-Dichloroethane	<2.8	ug/L	10.0	2.8	10		12/15/20 12:55	107-06-2	
1,1-Dichloroethene	<2.4	ug/L	10.0	2.4	10		12/15/20 12:55	75-35-4	
cis-1,2-Dichloroethene	3680	ug/L	50.0	13.6	50		12/16/20 08:45	156-59-2	
trans-1,2-Dichloroethene	51.9	ug/L	15.5	4.6	10		12/15/20 12:55	156-60-5	
1,2-Dichloropropane	<2.8	ug/L	10.0	2.8	10		12/15/20 12:55	78-87-5	
1,3-Dichloropropane	<8.3	ug/L	27.5	8.3	10		12/15/20 12:55	142-28-9	
2,2-Dichloropropane	<22.7	ug/L	75.5	22.7	10		12/15/20 12:55	594-20-7	
1,1-Dichloropropene	<5.4	ug/L	18.0	5.4	10		12/15/20 12:55	563-58-6	
cis-1,3-Dichloropropene	<36.3	ug/L	121	36.3	10		12/15/20 12:55	10061-01-5	
trans-1,3-Dichloropropene	<43.7	ug/L	146	43.7	10		12/15/20 12:55	10061-02-6	
Diisopropyl ether	<18.9	ug/L	62.9	18.9	10		12/15/20 12:55	108-20-3	
Ethylbenzene	<3.2	ug/L	10.6	3.2	10		12/15/20 12:55	100-41-4	
Hexachloro-1,3-butadiene	<14.6	ug/L	48.8	14.6	10		12/15/20 12:55	87-68-3	
Isopropylbenzene (Cumene)	<16.9	ug/L	56.2	16.9	10		12/15/20 12:55	98-82-8	
p-Isopropyltoluene	<8.0	ug/L	26.7	8.0	10		12/15/20 12:55	99-87-6	
Methylene Chloride	<5.8	ug/L	50.0	5.8	10		12/15/20 12:55	75-09-2	
Methyl-tert-butyl ether	<12.5	ug/L	41.5	12.5	10		12/15/20 12:55	1634-04-4	
Naphthalene	<11.8	ug/L	50.0	11.8	10		12/15/20 12:55	91-20-3	
n-Propylbenzene	<8.1	ug/L	50.0	8.1	10		12/15/20 12:55	103-65-1	
Styrene	<30.1	ug/L	100	30.1	10		12/15/20 12:55	100-42-5	
1,1,1,2-Tetrachloroethane	<2.7	ug/L	10.0	2.7	10		12/15/20 12:55	630-20-6	
1,1,2,2-Tetrachloroethane	<2.8	ug/L	10.0	2.8	10		12/15/20 12:55	79-34-5	
Tetrachloroethene	<3.3	ug/L	10.9	3.3	10		12/15/20 12:55	127-18-4	
Toluene	<2.7	ug/L	10.0	2.7	10		12/15/20 12:55	108-88-3	
1,2,3-Trichlorobenzene	<22.1	ug/L	73.7	22.1	10		12/15/20 12:55	87-61-6	
1,2,4-Trichlorobenzene	<9.5	ug/L	50.0	9.5	10		12/15/20 12:55	120-82-1	
1,1,1-Trichloroethane	<2.4	ug/L	10.0	2.4	10		12/15/20 12:55	71-55-6	
1,1,2-Trichloroethane	<5.5	ug/L	50.0	5.5	10		12/15/20 12:55	79-00-5	
Trichloroethene	<2.6	ug/L	10.0	2.6	10		12/15/20 12:55	79-01-6	
Trichlorofluoromethane	<2.1	ug/L	10.0	2.1	10		12/15/20 12:55	75-69-4	
1,2,3-Trichloropropane	<5.9	ug/L	50.0	5.9	10		12/15/20 12:55	96-18-4	
1,2,4-Trimethylbenzene	<8.4	ug/L	28.0	8.4	10		12/15/20 12:55	95-63-6	
1,3,5-Trimethylbenzene	<8.7	ug/L	29.1	8.7	10		12/15/20 12:55	108-67-8	
Vinyl chloride	1340	ug/L	10.0	1.7	10		12/15/20 12:55	75-01-4	
Xylene (Total)	<15.0	ug/L	30.0	15.0	10		12/15/20 12:55	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	95	%	70-130		10		12/15/20 12:55	460-00-4	
Dibromofluoromethane (S)	99	%	70-130		10		12/15/20 12:55	1868-53-7	
Toluene-d8 (S)	96	%	70-130		10		12/15/20 12:55	2037-26-5	
4500S2F Sulfide, Iodometric									
Analytical Method: SM 4500-S F (2000)									
Pace Analytical Services - Green Bay									
Sulfide	<1.2	mg/L	4.0	1.2	1		12/16/20 15:11		

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ANALYTICAL RESULTS

Project: 60646104 KEP
Pace Project No.: 40219790

Sample: PZ-2107 **Lab ID: 40219790017** Collected: 12/09/20 15:15 Received: 12/12/20 10:45 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
300.0 IC Anions									
Analytical Method: EPA 300.0 Pace Analytical Services - Green Bay									
Chloride	431	mg/L	40.0	8.6	20		12/15/20 17:21	16887-00-6	
Sulfate	532	mg/L	40.0	8.9	20		12/15/20 17:21	14808-79-8	
310.2 Alkalinity									
Analytical Method: EPA 310.2 Pace Analytical Services - Green Bay									
Alkalinity, Total as CaCO ₃	356	mg/L	24.8	7.4	1		12/16/20 12:56		
410.4 COD									
Analytical Method: EPA 410.4 Preparation Method: EPA 410.4 Pace Analytical Services - Green Bay									
Chemical Oxygen Demand	41.7J	mg/L	50.0	14.7	1	12/16/20 17:17	12/16/20 21:44		
5310C TOC									
Analytical Method: SM 5310C Pace Analytical Services - Green Bay									
Total Organic Carbon	11.9	mg/L	3.0	0.83	6		12/15/20 10:31	7440-44-0	

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ANALYTICAL RESULTS

Project: 60646104 KEP
Pace Project No.: 40219790

Sample: MW-61 **Lab ID: 40219790018** Collected: 12/11/20 10:06 Received: 12/12/20 10:45 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	21.6	ug/L	5.6	1.2	1		12/18/20 11:57	74-84-0	
Ethene	42.9	ug/L	5.0	1.2	1		12/18/20 11:57	74-85-1	
Methane	703	ug/L	28.0	6.6	10		12/18/20 13:15	74-82-8	
6020 MET ICPMS									
Analytical Method: EPA 6020 Preparation Method: EPA 3010 Pace Analytical Services - Green Bay									
Iron	1.8	mg/L	0.25	0.058	1	12/15/20 05:32	12/17/20 22:07	7439-89-6	
Manganese	0.13	mg/L	0.0040	0.0012	1	12/15/20 05:32	12/17/20 22:07	7439-96-5	
6020 MET ICPMS, Dissolved									
Analytical Method: EPA 6020 Preparation Method: EPA 3010 Pace Analytical Services - Green Bay									
Barium, Dissolved	0.25	mg/L	0.0023	0.00070	1	12/15/20 05:44	12/17/20 15:43	7440-39-3	
Chromium, Dissolved	<0.0010	mg/L	0.0034	0.0010	1	12/15/20 05:44	12/17/20 15:43	7440-47-3	
Iron, Dissolved	2.0	mg/L	0.25	0.058	1	12/15/20 05:44	12/17/20 15:43	7439-89-6	D9
Lead, Dissolved	<0.00024	mg/L	0.0010	0.00024	1	12/15/20 05:44	12/17/20 15:43	7439-92-1	
Manganese, Dissolved	0.14	mg/L	0.0040	0.0012	1	12/15/20 05:44	12/17/20 15:43	7439-96-5	D9
Nickel, Dissolved	0.00055J	mg/L	0.0010	0.00028	1	12/15/20 05:44	12/17/20 15:43	7440-02-0	
8260 MSV									
Analytical Method: EPA 8260 Pace Analytical Services - Green Bay									
Benzene	12.4	ug/L	10.0	2.5	10		12/15/20 13:17	71-43-2	
Bromobenzene	<2.4	ug/L	10.0	2.4	10		12/15/20 13:17	108-86-1	
Bromochloromethane	<3.6	ug/L	50.0	3.6	10		12/15/20 13:17	74-97-5	
Bromodichloromethane	<3.6	ug/L	12.1	3.6	10		12/15/20 13:17	75-27-4	
Bromoform	<39.7	ug/L	132	39.7	10		12/15/20 13:17	75-25-2	
Bromomethane	<9.7	ug/L	50.0	9.7	10		12/15/20 13:17	74-83-9	
n-Butylbenzene	<7.1	ug/L	23.6	7.1	10		12/15/20 13:17	104-51-8	
sec-Butylbenzene	<8.5	ug/L	50.0	8.5	10		12/15/20 13:17	135-98-8	
tert-Butylbenzene	<3.0	ug/L	10.1	3.0	10		12/15/20 13:17	98-06-6	
Carbon tetrachloride	<10.8	ug/L	35.9	10.8	10		12/15/20 13:17	56-23-5	
Chlorobenzene	<7.1	ug/L	23.7	7.1	10		12/15/20 13:17	108-90-7	
Chloroethane	<13.4	ug/L	50.0	13.4	10		12/15/20 13:17	75-00-3	
Chloroform	<12.7	ug/L	50.0	12.7	10		12/15/20 13:17	67-66-3	
Chloromethane	<21.9	ug/L	73.0	21.9	10		12/15/20 13:17	74-87-3	
2-Chlorotoluene	<9.3	ug/L	50.0	9.3	10		12/15/20 13:17	95-49-8	
4-Chlorotoluene	<7.6	ug/L	25.2	7.6	10		12/15/20 13:17	106-43-4	
1,2-Dibromo-3-chloropropane	<17.6	ug/L	58.8	17.6	10		12/15/20 13:17	96-12-8	L2
Dibromochloromethane	<26.0	ug/L	86.7	26.0	10		12/15/20 13:17	124-48-1	
1,2-Dibromoethane (EDB)	<8.3	ug/L	27.6	8.3	10		12/15/20 13:17	106-93-4	
Dibromomethane	<9.4	ug/L	31.2	9.4	10		12/15/20 13:17	74-95-3	
1,2-Dichlorobenzene	<7.1	ug/L	23.5	7.1	10		12/15/20 13:17	95-50-1	
1,3-Dichlorobenzene	<6.3	ug/L	20.9	6.3	10		12/15/20 13:17	541-73-1	
1,4-Dichlorobenzene	<9.4	ug/L	31.5	9.4	10		12/15/20 13:17	106-46-7	
Dichlorodifluoromethane	<5.0	ug/L	50.0	5.0	10		12/15/20 13:17	75-71-8	
1,1-Dichloroethane	<2.7	ug/L	10.0	2.7	10		12/15/20 13:17	75-34-3	

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ANALYTICAL RESULTS

Project: 60646104 KEP
Pace Project No.: 40219790

Sample: MW-61 **Lab ID: 40219790018** Collected: 12/11/20 10:06 Received: 12/12/20 10:45 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-Dichloroethane	<2.8	ug/L	10.0	2.8	10		12/15/20 13:17	107-06-2	
1,1-Dichloroethene	5.3J	ug/L	10.0	2.4	10		12/15/20 13:17	75-35-4	
cis-1,2-Dichloroethene	1850	ug/L	10.0	2.7	10		12/15/20 13:17	156-59-2	
trans-1,2-Dichloroethene	37.2	ug/L	15.5	4.6	10		12/15/20 13:17	156-60-5	
1,2-Dichloropropane	<2.8	ug/L	10.0	2.8	10		12/15/20 13:17	78-87-5	
1,3-Dichloropropane	<8.3	ug/L	27.5	8.3	10		12/15/20 13:17	142-28-9	
2,2-Dichloropropane	<22.7	ug/L	75.5	22.7	10		12/15/20 13:17	594-20-7	
1,1-Dichloropropene	<5.4	ug/L	18.0	5.4	10		12/15/20 13:17	563-58-6	
cis-1,3-Dichloropropene	<36.3	ug/L	121	36.3	10		12/15/20 13:17	10061-01-5	
trans-1,3-Dichloropropene	<43.7	ug/L	146	43.7	10		12/15/20 13:17	10061-02-6	
Diisopropyl ether	<18.9	ug/L	62.9	18.9	10		12/15/20 13:17	108-20-3	
Ethylbenzene	<3.2	ug/L	10.6	3.2	10		12/15/20 13:17	100-41-4	
Hexachloro-1,3-butadiene	<14.6	ug/L	48.8	14.6	10		12/15/20 13:17	87-68-3	
Isopropylbenzene (Cumene)	<16.9	ug/L	56.2	16.9	10		12/15/20 13:17	98-82-8	
p-Isopropyltoluene	<8.0	ug/L	26.7	8.0	10		12/15/20 13:17	99-87-6	
Methylene Chloride	<5.8	ug/L	50.0	5.8	10		12/15/20 13:17	75-09-2	
Methyl-tert-butyl ether	<12.5	ug/L	41.5	12.5	10		12/15/20 13:17	1634-04-4	
Naphthalene	<11.8	ug/L	50.0	11.8	10		12/15/20 13:17	91-20-3	
n-Propylbenzene	<8.1	ug/L	50.0	8.1	10		12/15/20 13:17	103-65-1	
Styrene	<30.1	ug/L	100	30.1	10		12/15/20 13:17	100-42-5	
1,1,1,2-Tetrachloroethane	<2.7	ug/L	10.0	2.7	10		12/15/20 13:17	630-20-6	
1,1,2,2-Tetrachloroethane	<2.8	ug/L	10.0	2.8	10		12/15/20 13:17	79-34-5	
Tetrachloroethene	<3.3	ug/L	10.9	3.3	10		12/15/20 13:17	127-18-4	
Toluene	<2.7	ug/L	10.0	2.7	10		12/15/20 13:17	108-88-3	
1,2,3-Trichlorobenzene	<22.1	ug/L	73.7	22.1	10		12/15/20 13:17	87-61-6	
1,2,4-Trichlorobenzene	<9.5	ug/L	50.0	9.5	10		12/15/20 13:17	120-82-1	
1,1,1-Trichloroethane	<2.4	ug/L	10.0	2.4	10		12/15/20 13:17	71-55-6	
1,1,2-Trichloroethane	<5.5	ug/L	50.0	5.5	10		12/15/20 13:17	79-00-5	
Trichloroethene	124	ug/L	10.0	2.6	10		12/15/20 13:17	79-01-6	
Trichlorofluoromethane	<2.1	ug/L	10.0	2.1	10		12/15/20 13:17	75-69-4	
1,2,3-Trichloropropane	<5.9	ug/L	50.0	5.9	10		12/15/20 13:17	96-18-4	
1,2,4-Trimethylbenzene	<8.4	ug/L	28.0	8.4	10		12/15/20 13:17	95-63-6	
1,3,5-Trimethylbenzene	<8.7	ug/L	29.1	8.7	10		12/15/20 13:17	108-67-8	
Vinyl chloride	1150	ug/L	10.0	1.7	10		12/15/20 13:17	75-01-4	
Xylene (Total)	<15.0	ug/L	30.0	15.0	10		12/15/20 13:17	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	95	%	70-130		10		12/15/20 13:17	460-00-4	
Dibromofluoromethane (S)	100	%	70-130		10		12/15/20 13:17	1868-53-7	
Toluene-d8 (S)	96	%	70-130		10		12/15/20 13:17	2037-26-5	
4500S2F Sulfide, Iodometric									
Analytical Method: SM 4500-S F (2000)									
Pace Analytical Services - Green Bay									
Sulfide	<1.2	mg/L	4.0	1.2	1		12/17/20 15:54		

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ANALYTICAL RESULTS

Project: 60646104 KEP
Pace Project No.: 40219790

Sample: MW-61 **Lab ID: 40219790018** Collected: 12/11/20 10:06 Received: 12/12/20 10:45 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
300.0 IC Anions									
Analytical Method: EPA 300.0 Pace Analytical Services - Green Bay									
Chloride	236	mg/L	20.0	4.3	10		12/15/20 17:35	16887-00-6	
Sulfate	27.4	mg/L	2.0	0.44	1		12/15/20 06:06	14808-79-8	
310.2 Alkalinity									
Analytical Method: EPA 310.2 Pace Analytical Services - Green Bay									
Alkalinity, Total as CaCO ₃	435	mg/L	49.6	14.9	2		12/16/20 12:57		
410.4 COD									
Analytical Method: EPA 410.4 Preparation Method: EPA 410.4 Pace Analytical Services - Green Bay									
Chemical Oxygen Demand	17.0J	mg/L	50.0	14.7	1	12/16/20 17:17	12/16/20 21:44		
5310C TOC									
Analytical Method: SM 5310C Pace Analytical Services - Green Bay									
Total Organic Carbon	4.9	mg/L	3.0	0.83	6		12/15/20 10:45	7440-44-0	

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ANALYTICAL RESULTS

Project: 60646104 KEP

Pace Project No.: 40219790

Sample: PZ-61 **Lab ID: 40219790019** Collected: 12/11/20 10:06 Received: 12/12/20 10:45 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	11.4	ug/L	5.6	1.2	1		12/18/20 12:04	74-84-0	
Ethene	6.5	ug/L	5.0	1.2	1		12/18/20 12:04	74-85-1	
Methane	5760	ug/L	140	33.2	50		12/18/20 13:21	74-82-8	
6020 MET ICPMS									
Analytical Method: EPA 6020 Preparation Method: EPA 3010									
Pace Analytical Services - Green Bay									
Iron	50.8	mg/L	0.25	0.058	1	12/15/20 05:32	12/17/20 22:13	7439-89-6	
Manganese	0.088	mg/L	0.0040	0.0012	1	12/15/20 05:32	12/17/20 22:13	7439-96-5	
6020 MET ICPMS, Dissolved									
Analytical Method: EPA 6020 Preparation Method: EPA 3010									
Pace Analytical Services - Green Bay									
Barium, Dissolved	1.2	mg/L	0.0023	0.00070	1	12/15/20 05:44	12/17/20 15:50	7440-39-3	
Chromium, Dissolved	<0.020	mg/L	0.068	0.020	20	12/15/20 05:44	12/18/20 15:38	7440-47-3	D3
Iron, Dissolved	57.8	mg/L	5.0	1.2	20	12/15/20 05:44	12/18/20 15:38	7439-89-6	D9
Lead, Dissolved	<0.00024	mg/L	0.0010	0.00024	1	12/15/20 05:44	12/17/20 15:50	7439-92-1	
Manganese, Dissolved	0.092	mg/L	0.081	0.024	20	12/15/20 05:44	12/18/20 15:38	7439-96-5	D9
Nickel, Dissolved	0.019J	mg/L	0.020	0.0057	20	12/15/20 05:44	12/18/20 15:38	7440-02-0	D3
8260 MSV									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
Benzene	<0.25	ug/L	1.0	0.25	1		12/15/20 16:17	71-43-2	
Bromobenzene	<0.24	ug/L	1.0	0.24	1		12/15/20 16:17	108-86-1	
Bromochloromethane	<0.36	ug/L	5.0	0.36	1		12/15/20 16:17	74-97-5	
Bromodichloromethane	<0.36	ug/L	1.2	0.36	1		12/15/20 16:17	75-27-4	
Bromoform	<4.0	ug/L	13.2	4.0	1		12/15/20 16:17	75-25-2	
Bromomethane	<0.97	ug/L	5.0	0.97	1		12/15/20 16:17	74-83-9	
n-Butylbenzene	<0.71	ug/L	2.4	0.71	1		12/15/20 16:17	104-51-8	
sec-Butylbenzene	<0.85	ug/L	5.0	0.85	1		12/15/20 16:17	135-98-8	
tert-Butylbenzene	<0.30	ug/L	1.0	0.30	1		12/15/20 16:17	98-06-6	
Carbon tetrachloride	<1.1	ug/L	3.6	1.1	1		12/15/20 16:17	56-23-5	
Chlorobenzene	<0.71	ug/L	2.4	0.71	1		12/15/20 16:17	108-90-7	
Chloroethane	<1.3	ug/L	5.0	1.3	1		12/15/20 16:17	75-00-3	
Chloroform	<1.3	ug/L	5.0	1.3	1		12/15/20 16:17	67-66-3	
Chloromethane	<2.2	ug/L	7.3	2.2	1		12/15/20 16:17	74-87-3	
2-Chlorotoluene	<0.93	ug/L	5.0	0.93	1		12/15/20 16:17	95-49-8	
4-Chlorotoluene	<0.76	ug/L	2.5	0.76	1		12/15/20 16:17	106-43-4	
1,2-Dibromo-3-chloropropane	<1.8	ug/L	5.9	1.8	1		12/15/20 16:17	96-12-8	L2
Dibromochloromethane	<2.6	ug/L	8.7	2.6	1		12/15/20 16:17	124-48-1	
1,2-Dibromoethane (EDB)	<0.83	ug/L	2.8	0.83	1		12/15/20 16:17	106-93-4	
Dibromomethane	<0.94	ug/L	3.1	0.94	1		12/15/20 16:17	74-95-3	
1,2-Dichlorobenzene	<0.71	ug/L	2.4	0.71	1		12/15/20 16:17	95-50-1	
1,3-Dichlorobenzene	<0.63	ug/L	2.1	0.63	1		12/15/20 16:17	541-73-1	
1,4-Dichlorobenzene	<0.94	ug/L	3.1	0.94	1		12/15/20 16:17	106-46-7	
Dichlorodifluoromethane	<0.50	ug/L	5.0	0.50	1		12/15/20 16:17	75-71-8	
1,1-Dichloroethane	<0.27	ug/L	1.0	0.27	1		12/15/20 16:17	75-34-3	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 60646104 KEP
Pace Project No.: 40219790

Sample: PZ-61 **Lab ID: 40219790019** Collected: 12/11/20 10:06 Received: 12/12/20 10:45 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-Dichloroethane	<0.28	ug/L	1.0	0.28	1		12/15/20 16:17	107-06-2	
1,1-Dichloroethene	<0.24	ug/L	1.0	0.24	1		12/15/20 16:17	75-35-4	
cis-1,2-Dichloroethene	0.61J	ug/L	1.0	0.27	1		12/15/20 16:17	156-59-2	
trans-1,2-Dichloroethene	<0.46	ug/L	1.5	0.46	1		12/15/20 16:17	156-60-5	
1,2-Dichloropropane	<0.28	ug/L	1.0	0.28	1		12/15/20 16:17	78-87-5	
1,3-Dichloropropane	<0.83	ug/L	2.8	0.83	1		12/15/20 16:17	142-28-9	
2,2-Dichloropropane	<2.3	ug/L	7.6	2.3	1		12/15/20 16:17	594-20-7	
1,1-Dichloropropene	<0.54	ug/L	1.8	0.54	1		12/15/20 16:17	563-58-6	
cis-1,3-Dichloropropene	<3.6	ug/L	12.1	3.6	1		12/15/20 16:17	10061-01-5	
trans-1,3-Dichloropropene	<4.4	ug/L	14.6	4.4	1		12/15/20 16:17	10061-02-6	
Diisopropyl ether	<1.9	ug/L	6.3	1.9	1		12/15/20 16:17	108-20-3	
Ethylbenzene	<0.32	ug/L	1.1	0.32	1		12/15/20 16:17	100-41-4	
Hexachloro-1,3-butadiene	<1.5	ug/L	4.9	1.5	1		12/15/20 16:17	87-68-3	
Isopropylbenzene (Cumene)	<1.7	ug/L	5.6	1.7	1		12/15/20 16:17	98-82-8	
p-Isopropyltoluene	<0.80	ug/L	2.7	0.80	1		12/15/20 16:17	99-87-6	
Methylene Chloride	<0.58	ug/L	5.0	0.58	1		12/15/20 16:17	75-09-2	
Methyl-tert-butyl ether	<1.2	ug/L	4.2	1.2	1		12/15/20 16:17	1634-04-4	
Naphthalene	<1.2	ug/L	5.0	1.2	1		12/15/20 16:17	91-20-3	
n-Propylbenzene	<0.81	ug/L	5.0	0.81	1		12/15/20 16:17	103-65-1	
Styrene	<3.0	ug/L	10.0	3.0	1		12/15/20 16:17	100-42-5	
1,1,1,2-Tetrachloroethane	<0.27	ug/L	1.0	0.27	1		12/15/20 16:17	630-20-6	
1,1,2,2-Tetrachloroethane	<0.28	ug/L	1.0	0.28	1		12/15/20 16:17	79-34-5	
Tetrachloroethene	<0.33	ug/L	1.1	0.33	1		12/15/20 16:17	127-18-4	
Toluene	1.5	ug/L	1.0	0.27	1		12/15/20 16:17	108-88-3	
1,2,3-Trichlorobenzene	<2.2	ug/L	7.4	2.2	1		12/15/20 16:17	87-61-6	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		12/15/20 16:17	120-82-1	
1,1,1-Trichloroethane	<0.24	ug/L	1.0	0.24	1		12/15/20 16:17	71-55-6	
1,1,2-Trichloroethane	<0.55	ug/L	5.0	0.55	1		12/15/20 16:17	79-00-5	
Trichloroethene	<0.26	ug/L	1.0	0.26	1		12/15/20 16:17	79-01-6	
Trichlorofluoromethane	<0.21	ug/L	1.0	0.21	1		12/15/20 16:17	75-69-4	
1,2,3-Trichloropropane	<0.59	ug/L	5.0	0.59	1		12/15/20 16:17	96-18-4	
1,2,4-Trimethylbenzene	<0.84	ug/L	2.8	0.84	1		12/15/20 16:17	95-63-6	
1,3,5-Trimethylbenzene	<0.87	ug/L	2.9	0.87	1		12/15/20 16:17	108-67-8	
Vinyl chloride	0.34J	ug/L	1.0	0.17	1		12/15/20 16:17	75-01-4	
Xylene (Total)	<1.5	ug/L	3.0	1.5	1		12/15/20 16:17	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	94	%	70-130		1		12/15/20 16:17	460-00-4	
Dibromofluoromethane (S)	97	%	70-130		1		12/15/20 16:17	1868-53-7	
Toluene-d8 (S)	96	%	70-130		1		12/15/20 16:17	2037-26-5	
4500S2F Sulfide, Iodometric									
Analytical Method: SM 4500-S F (2000)									
Pace Analytical Services - Green Bay									
Sulfide	<1.2	mg/L	4.0	1.2	1		12/17/20 15:56		1q

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ANALYTICAL RESULTS

Project: 60646104 KEP
Pace Project No.: 40219790

Sample: PZ-61 **Lab ID: 40219790019** Collected: 12/11/20 10:06 Received: 12/12/20 10:45 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
300.0 IC Anions									
Analytical Method: EPA 300.0 Pace Analytical Services - Green Bay									
Chloride	1050	mg/L	100	21.6	50		12/16/20 12:52	16887-00-6	
Sulfate	<4.4	mg/L	20.0	4.4	10		12/16/20 00:25	14808-79-8	D3
310.2 Alkalinity									
Analytical Method: EPA 310.2 Pace Analytical Services - Green Bay									
Alkalinity, Total as CaCO ₃	1150	mg/L	124	37.2	5		12/16/20 12:58		M0
410.4 COD									
Analytical Method: EPA 410.4 Preparation Method: EPA 410.4 Pace Analytical Services - Green Bay									
Chemical Oxygen Demand	531	mg/L	50.0	14.7	1	12/16/20 17:17	12/16/20 21:44		
5310C TOC									
Analytical Method: SM 5310C Pace Analytical Services - Green Bay									
Total Organic Carbon	169	mg/L	30.0	8.3	60		12/15/20 10:59	7440-44-0	

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ANALYTICAL RESULTS

Project: 60646104 KEP
Pace Project No.: 40219790

Sample: PZ-75 **Lab ID: 40219790020** Collected: 12/11/20 12:45 Received: 12/12/20 10:45 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	<1.2	ug/L	5.6	1.2	1		12/18/20 12:11	74-84-0	
Ethene	<1.2	ug/L	5.0	1.2	1		12/18/20 12:11	74-85-1	
Methane	1240	ug/L	28.0	6.6	10		12/18/20 13:29	74-82-8	
6020 MET ICPMS									
Analytical Method: EPA 6020 Preparation Method: EPA 3010 Pace Analytical Services - Green Bay									
Iron	1.9	mg/L	0.25	0.058	1	12/15/20 05:32	12/17/20 22:20	7439-89-6	
Manganese	0.41	mg/L	0.0040	0.0012	1	12/15/20 05:32	12/17/20 22:20	7439-96-5	
6020 MET ICPMS, Dissolved									
Analytical Method: EPA 6020 Preparation Method: EPA 3010 Pace Analytical Services - Green Bay									
Barium, Dissolved	0.049	mg/L	0.0023	0.00070	1	12/15/20 05:44	12/17/20 15:57	7440-39-3	
Chromium, Dissolved	<0.0010	mg/L	0.0034	0.0010	1	12/15/20 05:44	12/17/20 15:57	7440-47-3	
Iron, Dissolved	1.9	mg/L	0.25	0.058	1	12/15/20 05:44	12/17/20 15:57	7439-89-6	
Lead, Dissolved	<0.00024	mg/L	0.0010	0.00024	1	12/15/20 05:44	12/17/20 15:57	7439-92-1	
Manganese, Dissolved	0.41	mg/L	0.0040	0.0012	1	12/15/20 05:44	12/17/20 15:57	7439-96-5	
Nickel, Dissolved	0.0014	mg/L	0.0010	0.00028	1	12/15/20 05:44	12/17/20 15:57	7440-02-0	
8260 MSV									
Analytical Method: EPA 8260 Pace Analytical Services - Green Bay									
Benzene	<0.25	ug/L	1.0	0.25	1		12/15/20 16:40	71-43-2	
Bromobenzene	<0.24	ug/L	1.0	0.24	1		12/15/20 16:40	108-86-1	
Bromochloromethane	<0.36	ug/L	5.0	0.36	1		12/15/20 16:40	74-97-5	
Bromodichloromethane	<0.36	ug/L	1.2	0.36	1		12/15/20 16:40	75-27-4	
Bromoform	<4.0	ug/L	13.2	4.0	1		12/15/20 16:40	75-25-2	
Bromomethane	<0.97	ug/L	5.0	0.97	1		12/15/20 16:40	74-83-9	
n-Butylbenzene	<0.71	ug/L	2.4	0.71	1		12/15/20 16:40	104-51-8	
sec-Butylbenzene	<0.85	ug/L	5.0	0.85	1		12/15/20 16:40	135-98-8	
tert-Butylbenzene	<0.30	ug/L	1.0	0.30	1		12/15/20 16:40	98-06-6	
Carbon tetrachloride	<1.1	ug/L	3.6	1.1	1		12/15/20 16:40	56-23-5	
Chlorobenzene	<0.71	ug/L	2.4	0.71	1		12/15/20 16:40	108-90-7	
Chloroethane	<1.3	ug/L	5.0	1.3	1		12/15/20 16:40	75-00-3	
Chloroform	<1.3	ug/L	5.0	1.3	1		12/15/20 16:40	67-66-3	
Chloromethane	<2.2	ug/L	7.3	2.2	1		12/15/20 16:40	74-87-3	
2-Chlorotoluene	<0.93	ug/L	5.0	0.93	1		12/15/20 16:40	95-49-8	
4-Chlorotoluene	<0.76	ug/L	2.5	0.76	1		12/15/20 16:40	106-43-4	
1,2-Dibromo-3-chloropropane	<1.8	ug/L	5.9	1.8	1		12/15/20 16:40	96-12-8	L2
Dibromochloromethane	<2.6	ug/L	8.7	2.6	1		12/15/20 16:40	124-48-1	
1,2-Dibromoethane (EDB)	<0.83	ug/L	2.8	0.83	1		12/15/20 16:40	106-93-4	
Dibromomethane	<0.94	ug/L	3.1	0.94	1		12/15/20 16:40	74-95-3	
1,2-Dichlorobenzene	<0.71	ug/L	2.4	0.71	1		12/15/20 16:40	95-50-1	
1,3-Dichlorobenzene	<0.63	ug/L	2.1	0.63	1		12/15/20 16:40	541-73-1	
1,4-Dichlorobenzene	<0.94	ug/L	3.1	0.94	1		12/15/20 16:40	106-46-7	
Dichlorodifluoromethane	<0.50	ug/L	5.0	0.50	1		12/15/20 16:40	75-71-8	
1,1-Dichloroethane	<0.27	ug/L	1.0	0.27	1		12/15/20 16:40	75-34-3	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 60646104 KEP
Pace Project No.: 40219790

Sample: PZ-75 **Lab ID: 40219790020** Collected: 12/11/20 12:45 Received: 12/12/20 10:45 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-Dichloroethane	<0.28	ug/L	1.0	0.28	1		12/15/20 16:40	107-06-2	
1,1-Dichloroethane	<0.24	ug/L	1.0	0.24	1		12/15/20 16:40	75-35-4	
cis-1,2-Dichloroethene	<0.27	ug/L	1.0	0.27	1		12/15/20 16:40	156-59-2	
trans-1,2-Dichloroethene	<0.46	ug/L	1.5	0.46	1		12/15/20 16:40	156-60-5	
1,2-Dichloropropane	<0.28	ug/L	1.0	0.28	1		12/15/20 16:40	78-87-5	
1,3-Dichloropropane	<0.83	ug/L	2.8	0.83	1		12/15/20 16:40	142-28-9	
2,2-Dichloropropane	<2.3	ug/L	7.6	2.3	1		12/15/20 16:40	594-20-7	
1,1-Dichloropropene	<0.54	ug/L	1.8	0.54	1		12/15/20 16:40	563-58-6	
cis-1,3-Dichloropropene	<3.6	ug/L	12.1	3.6	1		12/15/20 16:40	10061-01-5	
trans-1,3-Dichloropropene	<4.4	ug/L	14.6	4.4	1		12/15/20 16:40	10061-02-6	
Diisopropyl ether	<1.9	ug/L	6.3	1.9	1		12/15/20 16:40	108-20-3	
Ethylbenzene	<0.32	ug/L	1.1	0.32	1		12/15/20 16:40	100-41-4	
Hexachloro-1,3-butadiene	<1.5	ug/L	4.9	1.5	1		12/15/20 16:40	87-68-3	
Isopropylbenzene (Cumene)	<1.7	ug/L	5.6	1.7	1		12/15/20 16:40	98-82-8	
p-Isopropyltoluene	<0.80	ug/L	2.7	0.80	1		12/15/20 16:40	99-87-6	
Methylene Chloride	<0.58	ug/L	5.0	0.58	1		12/15/20 16:40	75-09-2	
Methyl-tert-butyl ether	<1.2	ug/L	4.2	1.2	1		12/15/20 16:40	1634-04-4	
Naphthalene	<1.2	ug/L	5.0	1.2	1		12/15/20 16:40	91-20-3	
n-Propylbenzene	<0.81	ug/L	5.0	0.81	1		12/15/20 16:40	103-65-1	
Styrene	<3.0	ug/L	10.0	3.0	1		12/15/20 16:40	100-42-5	
1,1,1,2-Tetrachloroethane	<0.27	ug/L	1.0	0.27	1		12/15/20 16:40	630-20-6	
1,1,2,2-Tetrachloroethane	<0.28	ug/L	1.0	0.28	1		12/15/20 16:40	79-34-5	
Tetrachloroethene	<0.33	ug/L	1.1	0.33	1		12/15/20 16:40	127-18-4	
Toluene	<0.27	ug/L	1.0	0.27	1		12/15/20 16:40	108-88-3	
1,2,3-Trichlorobenzene	<2.2	ug/L	7.4	2.2	1		12/15/20 16:40	87-61-6	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		12/15/20 16:40	120-82-1	
1,1,1-Trichloroethane	<0.24	ug/L	1.0	0.24	1		12/15/20 16:40	71-55-6	
1,1,2-Trichloroethane	<0.55	ug/L	5.0	0.55	1		12/15/20 16:40	79-00-5	
Trichloroethene	<0.26	ug/L	1.0	0.26	1		12/15/20 16:40	79-01-6	
Trichlorofluoromethane	<0.21	ug/L	1.0	0.21	1		12/15/20 16:40	75-69-4	
1,2,3-Trichloropropane	<0.59	ug/L	5.0	0.59	1		12/15/20 16:40	96-18-4	
1,2,4-Trimethylbenzene	<0.84	ug/L	2.8	0.84	1		12/15/20 16:40	95-63-6	
1,3,5-Trimethylbenzene	<0.87	ug/L	2.9	0.87	1		12/15/20 16:40	108-67-8	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		12/15/20 16:40	75-01-4	
Xylene (Total)	<1.5	ug/L	3.0	1.5	1		12/15/20 16:40	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	95	%	70-130		1		12/15/20 16:40	460-00-4	
Dibromofluoromethane (S)	101	%	70-130		1		12/15/20 16:40	1868-53-7	
Toluene-d8 (S)	95	%	70-130		1		12/15/20 16:40	2037-26-5	
4500S2F Sulfide, Iodometric									
Analytical Method: SM 4500-S F (2000)									
Pace Analytical Services - Green Bay									
Sulfide	<1.2	mg/L	4.0	1.2	1		12/17/20 15:58		1q

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ANALYTICAL RESULTS

Project: 60646104 KEP
Pace Project No.: 40219790

Sample: PZ-75 **Lab ID: 40219790020** Collected: 12/11/20 12:45 Received: 12/12/20 10:45 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
300.0 IC Anions									
Analytical Method: EPA 300.0 Pace Analytical Services - Green Bay									
Chloride	2.8J	mg/L	10.0	2.2	5		12/16/20 13:07	16887-00-6	D3
Sulfate	6.1J	mg/L	10.0	2.2	5		12/16/20 13:07	14808-79-8	D3
310.2 Alkalinity									
Analytical Method: EPA 310.2 Pace Analytical Services - Green Bay									
Alkalinity, Total as CaCO3	206	mg/L	124	37.2	5		12/16/20 13:31		
410.4 COD									
Analytical Method: EPA 410.4 Preparation Method: EPA 410.4 Pace Analytical Services - Green Bay									
Chemical Oxygen Demand	75.4	mg/L	50.0	14.7	1	12/16/20 17:17	12/16/20 21:44		
5310C TOC									
Analytical Method: SM 5310C Pace Analytical Services - Green Bay									
Total Organic Carbon	10.4	mg/L	1.0	0.28	2		12/15/20 11:14	7440-44-0	

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ANALYTICAL RESULTS

Project: 60646104 KEP
Pace Project No.: 40219790

Sample: MW-114 **Lab ID: 40219790021** Collected: 12/10/20 14:35 Received: 12/12/20 10:45 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	<1.2	ug/L	5.6	1.2	1		12/18/20 12:18	74-84-0	
Ethene	<1.2	ug/L	5.0	1.2	1		12/18/20 12:18	74-85-1	
Methane	63.9	ug/L	2.8	0.66	1		12/18/20 12:18	74-82-8	
6020 MET ICPMS									
Analytical Method: EPA 6020 Preparation Method: EPA 3010 Pace Analytical Services - Green Bay									
Iron	2.3	mg/L	0.25	0.058	1	12/15/20 06:18	12/17/20 05:41	7439-89-6	
Manganese	0.059	mg/L	0.0040	0.0012	1	12/15/20 06:18	12/17/20 05:41	7439-96-5	
6020 MET ICPMS, Dissolved									
Analytical Method: EPA 6020 Preparation Method: EPA 3010 Pace Analytical Services - Green Bay									
Barium, Dissolved	0.038	mg/L	0.0023	0.00070	1	12/15/20 06:25	12/17/20 10:23	7440-39-3	
Chromium, Dissolved	<0.0010	mg/L	0.0034	0.0010	1	12/15/20 06:25	12/17/20 10:23	7440-47-3	
Iron, Dissolved	2.4	mg/L	0.25	0.058	1	12/15/20 06:25	12/17/20 10:23	7439-89-6	D9
Lead, Dissolved	<0.00024	mg/L	0.0010	0.00024	1	12/15/20 06:25	12/17/20 10:23	7439-92-1	
Manganese, Dissolved	0.066	mg/L	0.0040	0.0012	1	12/15/20 06:25	12/17/20 10:23	7439-96-5	D9
Nickel, Dissolved	<0.00028	mg/L	0.0010	0.00028	1	12/15/20 06:25	12/17/20 10:23	7440-02-0	
4500S2F Sulfide, Iodometric									
Analytical Method: SM 4500-S F (2000) Pace Analytical Services - Green Bay									
Sulfide	<1.2	mg/L	4.0	1.2	1		12/17/20 16:00		
300.0 IC Anions									
Analytical Method: EPA 300.0 Pace Analytical Services - Green Bay									
Chloride	55.7	mg/L	20.0	4.3	10		12/16/20 00:54	16887-00-6	
Sulfate	146	mg/L	20.0	4.4	10		12/16/20 00:54	14808-79-8	
310.2 Alkalinity									
Analytical Method: EPA 310.2 Pace Analytical Services - Green Bay									
Alkalinity, Total as CaCO3	362	mg/L	49.6	14.9	2		12/16/20 13:05		
410.4 COD									
Analytical Method: EPA 410.4 Preparation Method: EPA 410.4 Pace Analytical Services - Green Bay									
Chemical Oxygen Demand	<14.7	mg/L	50.0	14.7	1	12/16/20 17:17	12/16/20 21:44		
5310C TOC									
Analytical Method: SM 5310C Pace Analytical Services - Green Bay									
Total Organic Carbon	2.3	mg/L	0.50	0.14	1		12/17/20 23:09	7440-44-0	

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ANALYTICAL RESULTS

Project: 60646104 KEP

Pace Project No.: 40219790

Sample: TRIP BLANK **Lab ID: 40219790022** Collected: 12/11/20 15:00 Received: 12/12/20 10:45 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
Benzene	<0.25	ug/L	1.0	0.25	1		12/15/20 10:10	71-43-2	
Bromobenzene	<0.24	ug/L	1.0	0.24	1		12/15/20 10:10	108-86-1	
Bromochloromethane	<0.36	ug/L	5.0	0.36	1		12/15/20 10:10	74-97-5	
Bromodichloromethane	<0.36	ug/L	1.2	0.36	1		12/15/20 10:10	75-27-4	
Bromoform	<4.0	ug/L	13.2	4.0	1		12/15/20 10:10	75-25-2	
Bromomethane	<0.97	ug/L	5.0	0.97	1		12/15/20 10:10	74-83-9	
n-Butylbenzene	<0.71	ug/L	2.4	0.71	1		12/15/20 10:10	104-51-8	
sec-Butylbenzene	<0.85	ug/L	5.0	0.85	1		12/15/20 10:10	135-98-8	
tert-Butylbenzene	<0.30	ug/L	1.0	0.30	1		12/15/20 10:10	98-06-6	
Carbon tetrachloride	<1.1	ug/L	3.6	1.1	1		12/15/20 10:10	56-23-5	
Chlorobenzene	<0.71	ug/L	2.4	0.71	1		12/15/20 10:10	108-90-7	
Chloroethane	<1.3	ug/L	5.0	1.3	1		12/15/20 10:10	75-00-3	
Chloroform	<1.3	ug/L	5.0	1.3	1		12/15/20 10:10	67-66-3	
Chloromethane	<2.2	ug/L	7.3	2.2	1		12/15/20 10:10	74-87-3	
2-Chlorotoluene	<0.93	ug/L	5.0	0.93	1		12/15/20 10:10	95-49-8	
4-Chlorotoluene	<0.76	ug/L	2.5	0.76	1		12/15/20 10:10	106-43-4	
1,2-Dibromo-3-chloropropane	<1.8	ug/L	5.9	1.8	1		12/15/20 10:10	96-12-8	
Dibromochloromethane	<2.6	ug/L	8.7	2.6	1		12/15/20 10:10	124-48-1	
1,2-Dibromoethane (EDB)	<0.83	ug/L	2.8	0.83	1		12/15/20 10:10	106-93-4	
Dibromomethane	<0.94	ug/L	3.1	0.94	1		12/15/20 10:10	74-95-3	
1,2-Dichlorobenzene	<0.71	ug/L	2.4	0.71	1		12/15/20 10:10	95-50-1	
1,3-Dichlorobenzene	<0.63	ug/L	2.1	0.63	1		12/15/20 10:10	541-73-1	
1,4-Dichlorobenzene	<0.94	ug/L	3.1	0.94	1		12/15/20 10:10	106-46-7	
Dichlorodifluoromethane	<0.50	ug/L	5.0	0.50	1		12/15/20 10:10	75-71-8	
1,1-Dichloroethane	<0.27	ug/L	1.0	0.27	1		12/15/20 10:10	75-34-3	
1,2-Dichloroethane	<0.28	ug/L	1.0	0.28	1		12/15/20 10:10	107-06-2	
1,1-Dichloroethene	<0.24	ug/L	1.0	0.24	1		12/15/20 10:10	75-35-4	
cis-1,2-Dichloroethene	<0.27	ug/L	1.0	0.27	1		12/15/20 10:10	156-59-2	
trans-1,2-Dichloroethene	<0.46	ug/L	1.5	0.46	1		12/15/20 10:10	156-60-5	
1,2-Dichloropropane	<0.28	ug/L	1.0	0.28	1		12/15/20 10:10	78-87-5	
1,3-Dichloropropane	<0.83	ug/L	2.8	0.83	1		12/15/20 10:10	142-28-9	
2,2-Dichloropropane	<2.3	ug/L	7.6	2.3	1		12/15/20 10:10	594-20-7	
1,1-Dichloropropene	<0.54	ug/L	1.8	0.54	1		12/15/20 10:10	563-58-6	
cis-1,3-Dichloropropene	<3.6	ug/L	12.1	3.6	1		12/15/20 10:10	10061-01-5	
trans-1,3-Dichloropropene	<4.4	ug/L	14.6	4.4	1		12/15/20 10:10	10061-02-6	
Diisopropyl ether	<1.9	ug/L	6.3	1.9	1		12/15/20 10:10	108-20-3	
Ethylbenzene	<0.32	ug/L	1.1	0.32	1		12/15/20 10:10	100-41-4	
Hexachloro-1,3-butadiene	<1.5	ug/L	4.9	1.5	1		12/15/20 10:10	87-68-3	
Isopropylbenzene (Cumene)	<1.7	ug/L	5.6	1.7	1		12/15/20 10:10	98-82-8	
p-Isopropyltoluene	<0.80	ug/L	2.7	0.80	1		12/15/20 10:10	99-87-6	
Methylene Chloride	<0.58	ug/L	5.0	0.58	1		12/15/20 10:10	75-09-2	
Methyl-tert-butyl ether	<1.2	ug/L	4.2	1.2	1		12/15/20 10:10	1634-04-4	
Naphthalene	<1.2	ug/L	5.0	1.2	1		12/15/20 10:10	91-20-3	
n-Propylbenzene	<0.81	ug/L	5.0	0.81	1		12/15/20 10:10	103-65-1	
Styrene	<3.0	ug/L	10.0	3.0	1		12/15/20 10:10	100-42-5	

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ANALYTICAL RESULTS

Project: 60646104 KEP

Pace Project No.: 40219790

Sample: TRIP BLANK **Lab ID: 40219790022** Collected: 12/11/20 15:00 Received: 12/12/20 10:45 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	<0.27	ug/L	1.0	0.27	1		12/15/20 10:10	630-20-6	
1,1,2,2-Tetrachloroethane	<0.28	ug/L	1.0	0.28	1		12/15/20 10:10	79-34-5	
Tetrachloroethene	<0.33	ug/L	1.1	0.33	1		12/15/20 10:10	127-18-4	
Toluene	<0.27	ug/L	1.0	0.27	1		12/15/20 10:10	108-88-3	
1,2,3-Trichlorobenzene	<2.2	ug/L	7.4	2.2	1		12/15/20 10:10	87-61-6	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		12/15/20 10:10	120-82-1	
1,1,1-Trichloroethane	<0.24	ug/L	1.0	0.24	1		12/15/20 10:10	71-55-6	
1,1,2-Trichloroethane	<0.55	ug/L	5.0	0.55	1		12/15/20 10:10	79-00-5	
Trichloroethene	<0.26	ug/L	1.0	0.26	1		12/15/20 10:10	79-01-6	
Trichlorofluoromethane	<0.21	ug/L	1.0	0.21	1		12/15/20 10:10	75-69-4	
1,2,3-Trichloropropane	<0.59	ug/L	5.0	0.59	1		12/15/20 10:10	96-18-4	
1,2,4-Trimethylbenzene	<0.84	ug/L	2.8	0.84	1		12/15/20 10:10	95-63-6	
1,3,5-Trimethylbenzene	<0.87	ug/L	2.9	0.87	1		12/15/20 10:10	108-67-8	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		12/15/20 10:10	75-01-4	
Xylene (Total)	<1.5	ug/L	3.0	1.5	1		12/15/20 10:10	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	96	%	70-130		1		12/15/20 10:10	460-00-4	
Dibromofluoromethane (S)	96	%	70-130		1		12/15/20 10:10	1868-53-7	
Toluene-d8 (S)	98	%	70-130		1		12/15/20 10:10	2037-26-5	

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ANALYTICAL RESULTS

Project: 60646104 KEP

Pace Project No.: 40219790

Sample: TB-121120-2 **Lab ID:** 40219790023 Collected: 12/11/20 15:10 Received: 12/12/20 10:45 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
Benzene	<0.25	ug/L	1.0	0.25	1		12/15/20 10:31	71-43-2	
Bromobenzene	<0.24	ug/L	1.0	0.24	1		12/15/20 10:31	108-86-1	
Bromochloromethane	<0.36	ug/L	5.0	0.36	1		12/15/20 10:31	74-97-5	
Bromodichloromethane	<0.36	ug/L	1.2	0.36	1		12/15/20 10:31	75-27-4	
Bromoform	<4.0	ug/L	13.2	4.0	1		12/15/20 10:31	75-25-2	
Bromomethane	<0.97	ug/L	5.0	0.97	1		12/15/20 10:31	74-83-9	
n-Butylbenzene	<0.71	ug/L	2.4	0.71	1		12/15/20 10:31	104-51-8	
sec-Butylbenzene	<0.85	ug/L	5.0	0.85	1		12/15/20 10:31	135-98-8	
tert-Butylbenzene	<0.30	ug/L	1.0	0.30	1		12/15/20 10:31	98-06-6	
Carbon tetrachloride	<1.1	ug/L	3.6	1.1	1		12/15/20 10:31	56-23-5	
Chlorobenzene	1.4J	ug/L	2.4	0.71	1		12/15/20 10:31	108-90-7	
Chloroethane	<1.3	ug/L	5.0	1.3	1		12/15/20 10:31	75-00-3	
Chloroform	<1.3	ug/L	5.0	1.3	1		12/15/20 10:31	67-66-3	
Chloromethane	<2.2	ug/L	7.3	2.2	1		12/15/20 10:31	74-87-3	
2-Chlorotoluene	<0.93	ug/L	5.0	0.93	1		12/15/20 10:31	95-49-8	
4-Chlorotoluene	<0.76	ug/L	2.5	0.76	1		12/15/20 10:31	106-43-4	
1,2-Dibromo-3-chloropropane	<1.8	ug/L	5.9	1.8	1		12/15/20 10:31	96-12-8	
Dibromochloromethane	<2.6	ug/L	8.7	2.6	1		12/15/20 10:31	124-48-1	
1,2-Dibromoethane (EDB)	<0.83	ug/L	2.8	0.83	1		12/15/20 10:31	106-93-4	
Dibromomethane	<0.94	ug/L	3.1	0.94	1		12/15/20 10:31	74-95-3	
1,2-Dichlorobenzene	<0.71	ug/L	2.4	0.71	1		12/15/20 10:31	95-50-1	
1,3-Dichlorobenzene	<0.63	ug/L	2.1	0.63	1		12/15/20 10:31	541-73-1	
1,4-Dichlorobenzene	<0.94	ug/L	3.1	0.94	1		12/15/20 10:31	106-46-7	
Dichlorodifluoromethane	<0.50	ug/L	5.0	0.50	1		12/15/20 10:31	75-71-8	
1,1-Dichloroethane	<0.27	ug/L	1.0	0.27	1		12/15/20 10:31	75-34-3	
1,2-Dichloroethane	<0.28	ug/L	1.0	0.28	1		12/15/20 10:31	107-06-2	
1,1-Dichloroethene	<0.24	ug/L	1.0	0.24	1		12/15/20 10:31	75-35-4	
cis-1,2-Dichloroethene	<0.27	ug/L	1.0	0.27	1		12/15/20 10:31	156-59-2	
trans-1,2-Dichloroethene	<0.46	ug/L	1.5	0.46	1		12/15/20 10:31	156-60-5	
1,2-Dichloropropane	<0.28	ug/L	1.0	0.28	1		12/15/20 10:31	78-87-5	
1,3-Dichloropropane	<0.83	ug/L	2.8	0.83	1		12/15/20 10:31	142-28-9	
2,2-Dichloropropane	<2.3	ug/L	7.6	2.3	1		12/15/20 10:31	594-20-7	
1,1-Dichloropropene	<0.54	ug/L	1.8	0.54	1		12/15/20 10:31	563-58-6	
cis-1,3-Dichloropropene	<3.6	ug/L	12.1	3.6	1		12/15/20 10:31	10061-01-5	
trans-1,3-Dichloropropene	<4.4	ug/L	14.6	4.4	1		12/15/20 10:31	10061-02-6	
Diisopropyl ether	<1.9	ug/L	6.3	1.9	1		12/15/20 10:31	108-20-3	
Ethylbenzene	0.54J	ug/L	1.1	0.32	1		12/15/20 10:31	100-41-4	
Hexachloro-1,3-butadiene	<1.5	ug/L	4.9	1.5	1		12/15/20 10:31	87-68-3	
Isopropylbenzene (Cumene)	<1.7	ug/L	5.6	1.7	1		12/15/20 10:31	98-82-8	
p-Isopropyltoluene	<0.80	ug/L	2.7	0.80	1		12/15/20 10:31	99-87-6	
Methylene Chloride	<0.58	ug/L	5.0	0.58	1		12/15/20 10:31	75-09-2	
Methyl-tert-butyl ether	<1.2	ug/L	4.2	1.2	1		12/15/20 10:31	1634-04-4	
Naphthalene	<1.2	ug/L	5.0	1.2	1		12/15/20 10:31	91-20-3	
n-Propylbenzene	<0.81	ug/L	5.0	0.81	1		12/15/20 10:31	103-65-1	
Styrene	<3.0	ug/L	10.0	3.0	1		12/15/20 10:31	100-42-5	

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ANALYTICAL RESULTS

Project: 60646104 KEP

Pace Project No.: 40219790

Sample: TB-121120-2 **Lab ID:** 40219790023 Collected: 12/11/20 15:10 Received: 12/12/20 10:45 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	<0.27	ug/L	1.0	0.27	1		12/15/20 10:31	630-20-6	
1,1,1,2-Tetrachloroethane	<0.28	ug/L	1.0	0.28	1		12/15/20 10:31	79-34-5	
Tetrachloroethene	<0.33	ug/L	1.1	0.33	1		12/15/20 10:31	127-18-4	
Toluene	<0.27	ug/L	1.0	0.27	1		12/15/20 10:31	108-88-3	
1,2,3-Trichlorobenzene	<2.2	ug/L	7.4	2.2	1		12/15/20 10:31	87-61-6	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		12/15/20 10:31	120-82-1	
1,1,1-Trichloroethane	<0.24	ug/L	1.0	0.24	1		12/15/20 10:31	71-55-6	
1,1,2-Trichloroethane	<0.55	ug/L	5.0	0.55	1		12/15/20 10:31	79-00-5	
Trichloroethene	<0.26	ug/L	1.0	0.26	1		12/15/20 10:31	79-01-6	
Trichlorofluoromethane	<0.21	ug/L	1.0	0.21	1		12/15/20 10:31	75-69-4	
1,2,3-Trichloropropane	<0.59	ug/L	5.0	0.59	1		12/15/20 10:31	96-18-4	
1,2,4-Trimethylbenzene	<0.84	ug/L	2.8	0.84	1		12/15/20 10:31	95-63-6	
1,3,5-Trimethylbenzene	<0.87	ug/L	2.9	0.87	1		12/15/20 10:31	108-67-8	
Vinyl chloride	0.65J	ug/L	1.0	0.17	1		12/15/20 10:31	75-01-4	
Xylene (Total)	<1.5	ug/L	3.0	1.5	1		12/15/20 10:31	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	96	%	70-130		1		12/15/20 10:31	460-00-4	
Dibromofluoromethane (S)	97	%	70-130		1		12/15/20 10:31	1868-53-7	
Toluene-d8 (S)	98	%	70-130		1		12/15/20 10:31	2037-26-5	

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ANALYTICAL RESULTS

Project: 60646104 KEP

Pace Project No.: 40219790

Sample: TB-121120-1 **Lab ID:** 40219790024 Collected: 12/11/20 15:10 Received: 12/12/20 10:45 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
Benzene	<0.25	ug/L	1.0	0.25	1		12/15/20 10:53	71-43-2	
Bromobenzene	<0.24	ug/L	1.0	0.24	1		12/15/20 10:53	108-86-1	
Bromochloromethane	<0.36	ug/L	5.0	0.36	1		12/15/20 10:53	74-97-5	
Bromodichloromethane	<0.36	ug/L	1.2	0.36	1		12/15/20 10:53	75-27-4	
Bromoform	<4.0	ug/L	13.2	4.0	1		12/15/20 10:53	75-25-2	
Bromomethane	<0.97	ug/L	5.0	0.97	1		12/15/20 10:53	74-83-9	
n-Butylbenzene	<0.71	ug/L	2.4	0.71	1		12/15/20 10:53	104-51-8	
sec-Butylbenzene	<0.85	ug/L	5.0	0.85	1		12/15/20 10:53	135-98-8	
tert-Butylbenzene	<0.30	ug/L	1.0	0.30	1		12/15/20 10:53	98-06-6	
Carbon tetrachloride	<1.1	ug/L	3.6	1.1	1		12/15/20 10:53	56-23-5	
Chlorobenzene	1.4J	ug/L	2.4	0.71	1		12/15/20 10:53	108-90-7	
Chloroethane	<1.3	ug/L	5.0	1.3	1		12/15/20 10:53	75-00-3	
Chloroform	<1.3	ug/L	5.0	1.3	1		12/15/20 10:53	67-66-3	
Chloromethane	<2.2	ug/L	7.3	2.2	1		12/15/20 10:53	74-87-3	
2-Chlorotoluene	<0.93	ug/L	5.0	0.93	1		12/15/20 10:53	95-49-8	
4-Chlorotoluene	<0.76	ug/L	2.5	0.76	1		12/15/20 10:53	106-43-4	
1,2-Dibromo-3-chloropropane	<1.8	ug/L	5.9	1.8	1		12/15/20 10:53	96-12-8	
Dibromochloromethane	<2.6	ug/L	8.7	2.6	1		12/15/20 10:53	124-48-1	
1,2-Dibromoethane (EDB)	<0.83	ug/L	2.8	0.83	1		12/15/20 10:53	106-93-4	
Dibromomethane	<0.94	ug/L	3.1	0.94	1		12/15/20 10:53	74-95-3	
1,2-Dichlorobenzene	<0.71	ug/L	2.4	0.71	1		12/15/20 10:53	95-50-1	
1,3-Dichlorobenzene	<0.63	ug/L	2.1	0.63	1		12/15/20 10:53	541-73-1	
1,4-Dichlorobenzene	<0.94	ug/L	3.1	0.94	1		12/15/20 10:53	106-46-7	
Dichlorodifluoromethane	<0.50	ug/L	5.0	0.50	1		12/15/20 10:53	75-71-8	
1,1-Dichloroethane	<0.27	ug/L	1.0	0.27	1		12/15/20 10:53	75-34-3	
1,2-Dichloroethane	<0.28	ug/L	1.0	0.28	1		12/15/20 10:53	107-06-2	
1,1-Dichloroethene	<0.24	ug/L	1.0	0.24	1		12/15/20 10:53	75-35-4	
cis-1,2-Dichloroethene	<0.27	ug/L	1.0	0.27	1		12/15/20 10:53	156-59-2	
trans-1,2-Dichloroethene	<0.46	ug/L	1.5	0.46	1		12/15/20 10:53	156-60-5	
1,2-Dichloropropane	<0.28	ug/L	1.0	0.28	1		12/15/20 10:53	78-87-5	
1,3-Dichloropropane	<0.83	ug/L	2.8	0.83	1		12/15/20 10:53	142-28-9	
2,2-Dichloropropane	<2.3	ug/L	7.6	2.3	1		12/15/20 10:53	594-20-7	
1,1-Dichloropropene	<0.54	ug/L	1.8	0.54	1		12/15/20 10:53	563-58-6	
cis-1,3-Dichloropropene	<3.6	ug/L	12.1	3.6	1		12/15/20 10:53	10061-01-5	
trans-1,3-Dichloropropene	<4.4	ug/L	14.6	4.4	1		12/15/20 10:53	10061-02-6	
Diisopropyl ether	<1.9	ug/L	6.3	1.9	1		12/15/20 10:53	108-20-3	
Ethylbenzene	0.53J	ug/L	1.1	0.32	1		12/15/20 10:53	100-41-4	
Hexachloro-1,3-butadiene	<1.5	ug/L	4.9	1.5	1		12/15/20 10:53	87-68-3	
Isopropylbenzene (Cumene)	<1.7	ug/L	5.6	1.7	1		12/15/20 10:53	98-82-8	
p-Isopropyltoluene	<0.80	ug/L	2.7	0.80	1		12/15/20 10:53	99-87-6	
Methylene Chloride	<0.58	ug/L	5.0	0.58	1		12/15/20 10:53	75-09-2	
Methyl-tert-butyl ether	<1.2	ug/L	4.2	1.2	1		12/15/20 10:53	1634-04-4	
Naphthalene	<1.2	ug/L	5.0	1.2	1		12/15/20 10:53	91-20-3	
n-Propylbenzene	<0.81	ug/L	5.0	0.81	1		12/15/20 10:53	103-65-1	
Styrene	<3.0	ug/L	10.0	3.0	1		12/15/20 10:53	100-42-5	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 60646104 KEP
Pace Project No.: 40219790

Sample: TB-121120-1 **Lab ID:** 40219790024 Collected: 12/11/20 15:10 Received: 12/12/20 10:45 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	<0.27	ug/L	1.0	0.27	1		12/15/20 10:53	630-20-6	
1,1,1,2-Tetrachloroethane	<0.28	ug/L	1.0	0.28	1		12/15/20 10:53	79-34-5	
Tetrachloroethene	<0.33	ug/L	1.1	0.33	1		12/15/20 10:53	127-18-4	
Toluene	<0.27	ug/L	1.0	0.27	1		12/15/20 10:53	108-88-3	
1,2,3-Trichlorobenzene	<2.2	ug/L	7.4	2.2	1		12/15/20 10:53	87-61-6	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		12/15/20 10:53	120-82-1	
1,1,1-Trichloroethane	<0.24	ug/L	1.0	0.24	1		12/15/20 10:53	71-55-6	
1,1,2-Trichloroethane	<0.55	ug/L	5.0	0.55	1		12/15/20 10:53	79-00-5	
Trichloroethene	<0.26	ug/L	1.0	0.26	1		12/15/20 10:53	79-01-6	
Trichlorofluoromethane	<0.21	ug/L	1.0	0.21	1		12/15/20 10:53	75-69-4	
1,2,3-Trichloropropane	<0.59	ug/L	5.0	0.59	1		12/15/20 10:53	96-18-4	
1,2,4-Trimethylbenzene	<0.84	ug/L	2.8	0.84	1		12/15/20 10:53	95-63-6	
1,3,5-Trimethylbenzene	<0.87	ug/L	2.9	0.87	1		12/15/20 10:53	108-67-8	
Vinyl chloride	0.88J	ug/L	1.0	0.17	1		12/15/20 10:53	75-01-4	
Xylene (Total)	<1.5	ug/L	3.0	1.5	1		12/15/20 10:53	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	94	%	70-130		1		12/15/20 10:53	460-00-4	HS
Dibromofluoromethane (S)	96	%	70-130		1		12/15/20 10:53	1868-53-7	
Toluene-d8 (S)	97	%	70-130		1		12/15/20 10:53	2037-26-5	

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QUALITY CONTROL DATA

Project: 60646104 KEP
Pace Project No.: 40219790

QC Batch: 373770 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: 40219790001, 40219790002, 40219790003, 40219790004, 40219790005

METHOD BLANK: 2160154 Matrix: Water
Associated Lab Samples: 40219790001, 40219790002, 40219790003, 40219790004, 40219790005

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Ethane	ug/L	<1.2	5.6	12/15/20 09:31	
Ethene	ug/L	<1.2	5.0	12/15/20 09:31	
Methane	ug/L	1.1J	2.8	12/15/20 09:31	

LABORATORY CONTROL SAMPLE & LCSD: 2160155 2160156

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Ethane	ug/L	53.6	59.4	59.1	111	110	80-120	0	20	
Ethene	ug/L	50	54.3	53.5	109	107	80-120	1	20	
Methane	ug/L	28.6	32.0	31.8	112	111	79-120	1	20	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2160409 2160410

Parameter	Units	40219623005 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Ethane	ug/L	<1.2	53.6	53.6	57.9	59.0	108	110	79-120	2	20	
Ethene	ug/L	<1.2	50	50	52.6	53.6	105	107	79-120	2	20	
Methane	ug/L	8.6	28.6	28.6	35.7	36.3	95	97	10-200	2	20	

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QUALITY CONTROL DATA

Project: 60646104 KEP
Pace Project No.: 40219790

QC Batch:	374161	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: 40219790006, 40219790007, 40219790008, 40219790009, 40219790010, 40219790011, 40219790012, 40219790013, 40219790014, 40219790015, 40219790016, 40219790017, 40219790018, 40219790019, 40219790020, 40219790021

METHOD BLANK: 2162377 Matrix: Water

Associated Lab Samples: 40219790006, 40219790007, 40219790008, 40219790009, 40219790010, 40219790011, 40219790012, 40219790013, 40219790014, 40219790015, 40219790016, 40219790017, 40219790018, 40219790019, 40219790020, 40219790021

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Ethane	ug/L	<1.2	5.6	12/18/20 09:57	
Ethene	ug/L	<1.2	5.0	12/18/20 09:57	
Methane	ug/L	<0.66	2.8	12/18/20 09:57	

LABORATORY CONTROL SAMPLE & LCSD: 2162378 2162379

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Ethane	ug/L	53.6	57.0	56.8	106	106	80-120	0	20	
Ethene	ug/L	50	52.1	52.2	104	104	80-120	0	20	
Methane	ug/L	28.6	30.6	30.8	107	108	79-120	1	20	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2162593 2162594

Parameter	Units	MS		MSD		MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		40219790010 Result	Spike Conc.	Spike Conc.	MS Result						
Ethane	ug/L	<1.2	53.6	53.6	56.4	57.4	105	107	79-120	2	20
Ethene	ug/L	<1.2	50	50	51.9	52.5	104	105	79-120	1	20
Methane	ug/L	0.96J	28.6	28.6	30.2	30.5	102	103	10-200	1	20

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QUALITY CONTROL DATA

Project: 60646104 KEP
Pace Project No.: 40219790

QC Batch:	373747	Analysis Method:	EPA 6020
QC Batch Method:	EPA 3010	Analysis Description:	6020 MET
		Laboratory:	Pace Analytical Services - Green Bay

Associated Lab Samples: 40219790001, 40219790002, 40219790003, 40219790004, 40219790005, 40219790006, 40219790007, 40219790008, 40219790009, 40219790010, 40219790011, 40219790012, 40219790013, 40219790014, 40219790015, 40219790016, 40219790017, 40219790018, 40219790019, 40219790020

METHOD BLANK: 2160082 Matrix: Water
Associated Lab Samples: 40219790001, 40219790002, 40219790003, 40219790004, 40219790005, 40219790006, 40219790007, 40219790008, 40219790009, 40219790010, 40219790011, 40219790012, 40219790013, 40219790014, 40219790015, 40219790016, 40219790017, 40219790018, 40219790019, 40219790020

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Iron	mg/L	<0.058	0.25	12/17/20 19:03	
Manganese	mg/L	<0.0012	0.0040	12/17/20 19:03	

LABORATORY CONTROL SAMPLE: 2160083

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Iron	mg/L	5	4.9	98	80-120	
Manganese	mg/L	0.5	0.46	92	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2160084 2160085

Parameter	Units	40219790001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Iron	mg/L	3.6	5	5	8.5	8.9	98	105	75-125	4	20	
Manganese	mg/L	0.23	0.5	0.5	0.69	0.72	91	98	75-125	5	20	

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QUALITY CONTROL DATA

Project: 60646104 KEP
Pace Project No.: 40219790

QC Batch: 373754	Analysis Method: EPA 6020
QC Batch Method: EPA 3010	Analysis Description: 6020 MET
	Laboratory: Pace Analytical Services - Green Bay

Associated Lab Samples: 40219790021

METHOD BLANK: 2160102 Matrix: Water
Associated Lab Samples: 40219790021

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Iron	mg/L	<0.058	0.25	12/16/20 15:46	
Manganese	mg/L	<0.0012	0.0040	12/16/20 15:46	

LABORATORY CONTROL SAMPLE: 2160103

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Iron	mg/L	5	4.8	95	80-120	
Manganese	mg/L	0.5	0.45	90	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2160104 2160105

Parameter	Units	40219500001 Result	MS		MSD		MS		MSD		% Rec Limits	RPD	Max RPD	Qual
			Spike Conc.	Spike Conc.	Result	Result	% Rec	% Rec						
Iron	mg/L	<58.0 ug/L	5	5	4.8	4.8	96	97	75-125	1	20			
Manganese	mg/L	<1.2 ug/L	0.5	0.5	0.48	0.48	95	96	75-125	1	20			

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QUALITY CONTROL DATA

Project: 60646104 KEP
Pace Project No.: 40219790

QC Batch:	373748	Analysis Method:	EPA 6020
QC Batch Method:	EPA 3010	Analysis Description:	6020 MET Dissolved
		Laboratory:	Pace Analytical Services - Green Bay

Associated Lab Samples: 40219790001, 40219790002, 40219790003, 40219790004, 40219790005, 40219790006, 40219790007, 40219790008, 40219790009, 40219790010, 40219790011, 40219790012, 40219790013, 40219790014, 40219790015, 40219790016, 40219790017, 40219790018, 40219790019, 40219790020

METHOD BLANK: 2160086 Matrix: Water

Associated Lab Samples: 40219790001, 40219790002, 40219790003, 40219790004, 40219790005, 40219790006, 40219790007, 40219790008, 40219790009, 40219790010, 40219790011, 40219790012, 40219790013, 40219790014, 40219790015, 40219790016, 40219790017, 40219790018, 40219790019, 40219790020

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Barium, Dissolved	mg/L	<0.00070	0.0023	12/17/20 12:26	
Chromium, Dissolved	mg/L	<0.0010	0.0034	12/17/20 12:26	
Iron, Dissolved	mg/L	<0.058	0.25	12/17/20 12:26	
Lead, Dissolved	mg/L	<0.00024	0.0010	12/17/20 12:26	
Manganese, Dissolved	mg/L	<0.0012	0.0040	12/17/20 12:26	
Nickel, Dissolved	mg/L	<0.00028	0.0010	12/17/20 12:26	

LABORATORY CONTROL SAMPLE: 2160087

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Barium, Dissolved	mg/L	0.5	0.50	99	80-120	
Chromium, Dissolved	mg/L	0.5	0.48	97	80-120	
Iron, Dissolved	mg/L	5	5.2	104	80-120	
Lead, Dissolved	mg/L	0.5	0.47	95	80-120	
Manganese, Dissolved	mg/L	0.5	0.49	97	80-120	
Nickel, Dissolved	mg/L	0.5	0.48	97	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2160088 2160089

Parameter	Units	MS		MSD		MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		40219790001 Result	Spike Conc.	Spike Conc.	MS Result						
Barium, Dissolved	mg/L	0.050	0.5	0.5	0.53	0.53	96	96	75-125	0	20
Chromium, Dissolved	mg/L	<0.0010	0.5	0.5	0.47	0.47	94	93	75-125	1	20
Iron, Dissolved	mg/L	3.7	5	5	8.7	8.5	100	96	75-125	2	20
Lead, Dissolved	mg/L	<0.00024	0.5	0.5	0.47	0.47	95	95	75-125	0	20
Manganese, Dissolved	mg/L	0.23	0.5	0.5	0.70	0.69	94	92	75-125	1	20
Nickel, Dissolved	mg/L	0.00036J	0.5	0.5	0.47	0.46	93	93	75-125	1	20

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 60646104 KEP
Pace Project No.: 40219790

QC Batch: 373757 Analysis Method: EPA 6020
QC Batch Method: EPA 3010 Analysis Description: 6020 MET Dissolved
Laboratory: Pace Analytical Services - Green Bay

Associated Lab Samples: 40219790021

METHOD BLANK: 2160110 Matrix: Water
Associated Lab Samples: 40219790021

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Barium, Dissolved	mg/L	<0.00070	0.0023	12/17/20 10:10	
Chromium, Dissolved	mg/L	<0.0010	0.0034	12/17/20 10:10	
Iron, Dissolved	mg/L	<0.058	0.25	12/17/20 10:10	
Lead, Dissolved	mg/L	<0.00024	0.0010	12/17/20 10:10	
Manganese, Dissolved	mg/L	<0.0012	0.0040	12/17/20 10:10	
Nickel, Dissolved	mg/L	<0.00028	0.0010	12/17/20 10:10	

LABORATORY CONTROL SAMPLE: 2160111

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Barium, Dissolved	mg/L	0.5	0.47	94	80-120	
Chromium, Dissolved	mg/L	0.5	0.46	93	80-120	
Iron, Dissolved	mg/L	5	4.9	98	80-120	
Lead, Dissolved	mg/L	0.5	0.45	91	80-120	
Manganese, Dissolved	mg/L	0.5	0.46	93	80-120	
Nickel, Dissolved	mg/L	0.5	0.47	94	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2160112 2160113

Parameter	Units	MS		MSD		MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		40219790021 Result	Spike Conc.	Spike Conc.	Result						
Barium, Dissolved	mg/L	0.038	0.5	0.5	0.51	0.51	95	94	75-125	1	20
Chromium, Dissolved	mg/L	<0.0010	0.5	0.5	0.46	0.47	93	94	75-125	1	20
Iron, Dissolved	mg/L	2.4	5	5	7.3	7.3	97	98	75-125	1	20
Lead, Dissolved	mg/L	<0.00024	0.5	0.5	0.46	0.46	92	93	75-125	0	20
Manganese, Dissolved	mg/L	0.066	0.5	0.5	0.53	0.53	92	93	75-125	0	20
Nickel, Dissolved	mg/L	<0.00028	0.5	0.5	0.46	0.46	93	92	75-125	1	20

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QUALITY CONTROL DATA

Project: 60646104 KEP
Pace Project No.: 40219790

QC Batch: 373677 Analysis Method: EPA 8260
QC Batch Method: EPA 8260 Analysis Description: 8260 MSV
Laboratory: Pace Analytical Services - Green Bay

Associated Lab Samples: 40219790001, 40219790002, 40219790003, 40219790004, 40219790007, 40219790008, 40219790011, 40219790013, 40219790014, 40219790015, 40219790016, 40219790017, 40219790018, 40219790019, 40219790020

METHOD BLANK: 2159837 Matrix: Water

Associated Lab Samples: 40219790001, 40219790002, 40219790003, 40219790004, 40219790007, 40219790008, 40219790011, 40219790013, 40219790014, 40219790015, 40219790016, 40219790017, 40219790018, 40219790019, 40219790020

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	<0.27	1.0	12/15/20 07:17	
1,1,1-Trichloroethane	ug/L	<0.24	1.0	12/15/20 07:17	
1,1,2,2-Tetrachloroethane	ug/L	<0.28	1.0	12/15/20 07:17	
1,1,2-Trichloroethane	ug/L	<0.55	5.0	12/15/20 07:17	
1,1-Dichloroethane	ug/L	<0.27	1.0	12/15/20 07:17	
1,1-Dichloroethene	ug/L	<0.24	1.0	12/15/20 07:17	
1,1-Dichloropropene	ug/L	<0.54	1.8	12/15/20 07:17	
1,2,3-Trichlorobenzene	ug/L	<2.2	7.4	12/15/20 07:17	
1,2,3-Trichloropropane	ug/L	<0.59	5.0	12/15/20 07:17	
1,2,4-Trichlorobenzene	ug/L	<0.95	5.0	12/15/20 07:17	
1,2,4-Trimethylbenzene	ug/L	<0.84	2.8	12/15/20 07:17	
1,2-Dibromo-3-chloropropane	ug/L	<1.8	5.9	12/15/20 07:17	
1,2-Dibromoethane (EDB)	ug/L	<0.83	2.8	12/15/20 07:17	
1,2-Dichlorobenzene	ug/L	<0.71	2.4	12/15/20 07:17	
1,2-Dichloroethane	ug/L	<0.28	1.0	12/15/20 07:17	
1,2-Dichloropropane	ug/L	<0.28	1.0	12/15/20 07:17	
1,3,5-Trimethylbenzene	ug/L	<0.87	2.9	12/15/20 07:17	
1,3-Dichlorobenzene	ug/L	<0.63	2.1	12/15/20 07:17	
1,3-Dichloropropane	ug/L	<0.83	2.8	12/15/20 07:17	
1,4-Dichlorobenzene	ug/L	<0.94	3.1	12/15/20 07:17	
2,2-Dichloropropane	ug/L	<2.3	7.6	12/15/20 07:17	
2-Chlorotoluene	ug/L	<0.93	5.0	12/15/20 07:17	
4-Chlorotoluene	ug/L	<0.76	2.5	12/15/20 07:17	
Benzene	ug/L	<0.25	1.0	12/15/20 07:17	
Bromobenzene	ug/L	<0.24	1.0	12/15/20 07:17	
Bromochloromethane	ug/L	<0.36	5.0	12/15/20 07:17	
Bromodichloromethane	ug/L	<0.36	1.2	12/15/20 07:17	
Bromoform	ug/L	<4.0	13.2	12/15/20 07:17	
Bromomethane	ug/L	<0.97	5.0	12/15/20 07:17	
Carbon tetrachloride	ug/L	<1.1	3.6	12/15/20 07:17	
Chlorobenzene	ug/L	<0.71	2.4	12/15/20 07:17	
Chloroethane	ug/L	<1.3	5.0	12/15/20 07:17	
Chloroform	ug/L	<1.3	5.0	12/15/20 07:17	
Chloromethane	ug/L	<2.2	7.3	12/15/20 07:17	
cis-1,2-Dichloroethene	ug/L	<0.27	1.0	12/15/20 07:17	
cis-1,3-Dichloropropene	ug/L	<3.6	12.1	12/15/20 07:17	
Dibromochloromethane	ug/L	<2.6	8.7	12/15/20 07:17	

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QUALITY CONTROL DATA

Project: 60646104 KEP

Pace Project No.: 40219790

METHOD BLANK: 2159837

Matrix: Water

Associated Lab Samples: 40219790001, 40219790002, 40219790003, 40219790004, 40219790007, 40219790008, 40219790011, 40219790013, 40219790014, 40219790015, 40219790016, 40219790017, 40219790018, 40219790019, 40219790020

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Dibromomethane	ug/L	<0.94	3.1	12/15/20 07:17	
Dichlorodifluoromethane	ug/L	<0.50	5.0	12/15/20 07:17	
Diisopropyl ether	ug/L	<1.9	6.3	12/15/20 07:17	
Ethylbenzene	ug/L	<0.32	1.1	12/15/20 07:17	
Hexachloro-1,3-butadiene	ug/L	<1.5	4.9	12/15/20 07:17	
Isopropylbenzene (Cumene)	ug/L	<1.7	5.6	12/15/20 07:17	
Methyl-tert-butyl ether	ug/L	<1.2	4.2	12/15/20 07:17	
Methylene Chloride	ug/L	<0.58	5.0	12/15/20 07:17	
n-Butylbenzene	ug/L	<0.71	2.4	12/15/20 07:17	
n-Propylbenzene	ug/L	<0.81	5.0	12/15/20 07:17	
Naphthalene	ug/L	<1.2	5.0	12/15/20 07:17	
p-Isopropyltoluene	ug/L	<0.80	2.7	12/15/20 07:17	
sec-Butylbenzene	ug/L	<0.85	5.0	12/15/20 07:17	
Styrene	ug/L	<3.0	10.0	12/15/20 07:17	
tert-Butylbenzene	ug/L	<0.30	1.0	12/15/20 07:17	
Tetrachloroethene	ug/L	<0.33	1.1	12/15/20 07:17	
Toluene	ug/L	<0.27	1.0	12/15/20 07:17	
trans-1,2-Dichloroethene	ug/L	<0.46	1.5	12/15/20 07:17	
trans-1,3-Dichloropropene	ug/L	<4.4	14.6	12/15/20 07:17	
Trichloroethene	ug/L	<0.26	1.0	12/15/20 07:17	
Trichlorofluoromethane	ug/L	<0.21	1.0	12/15/20 07:17	
Vinyl chloride	ug/L	<0.17	1.0	12/15/20 07:17	
Xylene (Total)	ug/L	<1.5	3.0	12/15/20 07:17	
4-Bromofluorobenzene (S)	%	95	70-130	12/15/20 07:17	
Dibromofluoromethane (S)	%	98	70-130	12/15/20 07:17	
Toluene-d8 (S)	%	96	70-130	12/15/20 07:17	

LABORATORY CONTROL SAMPLE: 2159838

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/L	50	46.3	93	70-130	
1,1,2,2-Tetrachloroethane	ug/L	50	41.0	82	64-131	
1,1,2-Trichloroethane	ug/L	50	46.3	93	70-130	
1,1-Dichloroethane	ug/L	50	43.7	87	69-163	
1,1-Dichloroethene	ug/L	50	50.9	102	77-123	
1,2,4-Trichlorobenzene	ug/L	50	48.9	98	68-130	
1,2-Dibromo-3-chloropropane	ug/L	50	31.2	62	63-130	L2
1,2-Dibromoethane (EDB)	ug/L	50	48.0	96	70-130	
1,2-Dichlorobenzene	ug/L	50	48.6	97	70-130	
1,2-Dichloroethane	ug/L	50	50.4	101	78-142	
1,2-Dichloropropane	ug/L	50	47.9	96	86-134	
1,3-Dichlorobenzene	ug/L	50	49.7	99	70-130	

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QUALITY CONTROL DATA

Project: 60646104 KEP
Pace Project No.: 40219790

LABORATORY CONTROL SAMPLE: 2159838

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,4-Dichlorobenzene	ug/L	50	49.7	99	70-130	
Benzene	ug/L	50	46.1	92	70-130	
Bromodichloromethane	ug/L	50	48.4	97	70-130	
Bromoform	ug/L	50	42.3	85	70-130	
Bromomethane	ug/L	50	43.0	86	39-129	
Carbon tetrachloride	ug/L	50	44.2	88	70-132	
Chlorobenzene	ug/L	50	51.1	102	70-130	
Chloroethane	ug/L	50	44.8	90	66-140	
Chloroform	ug/L	50	48.2	96	75-132	
Chloromethane	ug/L	50	32.0	64	32-143	
cis-1,2-Dichloroethene	ug/L	50	47.1	94	70-130	
cis-1,3-Dichloropropene	ug/L	50	42.6	85	70-130	
Dibromochloromethane	ug/L	50	47.8	96	70-130	
Dichlorodifluoromethane	ug/L	50	29.6	59	10-141	
Ethylbenzene	ug/L	50	49.7	99	80-120	
Isopropylbenzene (Cumene)	ug/L	50	51.2	102	70-130	
Methyl-tert-butyl ether	ug/L	50	42.4	85	61-129	
Methylene Chloride	ug/L	50	48.7	97	70-130	
Styrene	ug/L	50	50.0	100	70-130	
Tetrachloroethene	ug/L	50	52.0	104	70-130	
Toluene	ug/L	50	48.3	97	80-120	
trans-1,2-Dichloroethene	ug/L	50	51.5	103	70-130	
trans-1,3-Dichloropropene	ug/L	50	37.8	76	69-130	
Trichloroethene	ug/L	50	52.5	105	70-130	
Trichlorofluoromethane	ug/L	50	57.7	115	75-145	
Vinyl chloride	ug/L	50	41.5	83	51-140	
Xylene (Total)	ug/L	150	151	101	70-130	
4-Bromofluorobenzene (S)	%			96	70-130	
Dibromofluoromethane (S)	%			101	70-130	
Toluene-d8 (S)	%			95	70-130	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2160136 2160137

Parameter	Units	MS		MSD		MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	Max RPD	Qual
		40219675004 Result	Spike Conc.	Spike Conc.	MS Result							
1,1,1-Trichloroethane	ug/L	<0.24	50	50	48.3	47.3	97	95	70-130	2	20	
1,1,2,2-Tetrachloroethane	ug/L	<0.28	50	50	42.6	43.2	85	86	64-137	1	20	
1,1,2-Trichloroethane	ug/L	<0.55	50	50	47.7	47.3	95	95	70-137	1	20	
1,1-Dichloroethane	ug/L	<0.27	50	50	44.3	43.3	89	87	69-163	2	20	
1,1-Dichloroethene	ug/L	<0.24	50	50	51.7	50.8	103	102	77-129	2	20	
1,2,4-Trichlorobenzene	ug/L	<0.95	50	50	51.1	51.7	102	103	68-130	1	20	
1,2-Dibromo-3-chloropropane	ug/L	<1.8	50	50	34.1	34.0	68	68	60-130	0	20	
1,2-Dibromoethane (EDB)	ug/L	<0.83	50	50	49.5	49.6	99	99	70-130	0	20	
1,2-Dichlorobenzene	ug/L	<0.71	50	50	49.8	50.2	100	100	70-130	1	20	

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QUALITY CONTROL DATA

Project: 60646104 KEP

Pace Project No.: 40219790

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2160136 2160137												
Parameter	Units	MS		MSD		MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	Max RPD	Qual
		40219675004 Result	Spike Conc.	Spike Conc.	MS Result							
1,2-Dichloroethane	ug/L	<0.28	50	50	51.6	50.9	103	102	78-145	1	20	
1,2-Dichloropropane	ug/L	<0.28	50	50	48.7	47.6	97	95	86-135	2	20	
1,3-Dichlorobenzene	ug/L	<0.63	50	50	50.9	51.2	102	102	70-130	0	20	
1,4-Dichlorobenzene	ug/L	<0.94	50	50	50.5	50.9	101	102	70-130	1	20	
Benzene	ug/L	<0.25	50	50	47.0	46.1	94	92	70-136	2	20	
Bromodichloromethane	ug/L	<0.36	50	50	49.6	49.3	99	99	70-130	1	20	
Bromoform	ug/L	<4.0	50	50	44.2	45.0	88	90	69-130	2	20	
Bromomethane	ug/L	<0.97	50	50	49.2	50.4	98	101	39-138	2	20	
Carbon tetrachloride	ug/L	<1.1	50	50	46.4	45.9	93	92	70-142	1	20	
Chlorobenzene	ug/L	<0.71	50	50	52.1	51.3	104	103	70-130	2	20	
Chloroethane	ug/L	<1.3	50	50	46.0	44.6	92	89	61-149	3	20	
Chloroform	ug/L	<1.3	50	50	49.1	48.3	98	97	75-133	2	20	
Chloromethane	ug/L	<2.2	50	50	33.4	33.8	67	68	32-143	1	20	
cis-1,2-Dichloroethene	ug/L	<0.27	50	50	48.3	47.1	97	94	70-130	2	20	
cis-1,3-Dichloropropene	ug/L	<3.6	50	50	44.5	43.9	89	88	70-130	1	20	
Dibromochloromethane	ug/L	<2.6	50	50	49.9	50.1	100	100	70-130	0	20	
Dichlorodifluoromethane	ug/L	<0.50	50	50	31.3	30.7	63	61	10-141	2	20	
Ethylbenzene	ug/L	<0.32	50	50	50.7	50.2	101	100	80-120	1	20	
Isopropylbenzene (Cumene)	ug/L	<1.7	50	50	52.0	51.4	104	103	70-130	1	20	
Methyl-tert-butyl ether	ug/L	<1.2	50	50	43.8	43.6	88	87	61-136	0	20	
Methylene Chloride	ug/L	<0.58	50	50	49.3	48.5	99	97	68-137	2	20	
Styrene	ug/L	<3.0	50	50	50.7	50.2	101	100	70-130	1	20	
Tetrachloroethene	ug/L	6.7	50	50	60.5	59.6	108	106	70-130	2	20	
Toluene	ug/L	<0.27	50	50	48.9	48.7	98	97	80-120	0	20	
trans-1,2-Dichloroethene	ug/L	<0.46	50	50	52.8	51.6	106	103	70-130	2	20	
trans-1,3-Dichloropropene	ug/L	<4.4	50	50	39.7	39.5	79	79	69-130	1	20	
Trichloroethene	ug/L	<0.26	50	50	54.1	53.1	108	106	70-130	2	20	
Trichlorofluoromethane	ug/L	<0.21	50	50	58.5	57.6	117	115	74-157	2	20	
Vinyl chloride	ug/L	<0.17	50	50	42.3	42.3	85	85	51-140	0	20	
Xylene (Total)	ug/L	<1.5	150	150	153	152	102	101	70-130	1	20	
4-Bromofluorobenzene (S)	%						96	95	70-130			
Dibromofluoromethane (S)	%						101	102	70-130			
Toluene-d8 (S)	%						95	95	70-130			

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QUALITY CONTROL DATA

Project: 60646104 KEP
Pace Project No.: 40219790

QC Batch: 373755 Analysis Method: EPA 8260
QC Batch Method: EPA 8260 Analysis Description: 8260 MSV
Laboratory: Pace Analytical Services - Green Bay
Associated Lab Samples: 40219790022, 40219790023, 40219790024

METHOD BLANK: 2160106 Matrix: Water
Associated Lab Samples: 40219790022, 40219790023, 40219790024

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	<0.27	1.0	12/15/20 07:18	
1,1,1-Trichloroethane	ug/L	<0.24	1.0	12/15/20 07:18	
1,1,2,2-Tetrachloroethane	ug/L	<0.28	1.0	12/15/20 07:18	
1,1,2-Trichloroethane	ug/L	<0.55	5.0	12/15/20 07:18	
1,1-Dichloroethane	ug/L	<0.27	1.0	12/15/20 07:18	
1,1-Dichloroethene	ug/L	<0.24	1.0	12/15/20 07:18	
1,1-Dichloropropene	ug/L	<0.54	1.8	12/15/20 07:18	
1,2,3-Trichlorobenzene	ug/L	<2.2	7.4	12/15/20 07:18	
1,2,3-Trichloropropane	ug/L	<0.59	5.0	12/15/20 07:18	
1,2,4-Trichlorobenzene	ug/L	<0.95	5.0	12/15/20 07:18	
1,2,4-Trimethylbenzene	ug/L	<0.84	2.8	12/15/20 07:18	
1,2-Dibromo-3-chloropropane	ug/L	<1.8	5.9	12/15/20 07:18	
1,2-Dibromoethane (EDB)	ug/L	<0.83	2.8	12/15/20 07:18	
1,2-Dichlorobenzene	ug/L	<0.71	2.4	12/15/20 07:18	
1,2-Dichloroethane	ug/L	<0.28	1.0	12/15/20 07:18	
1,2-Dichloropropane	ug/L	<0.28	1.0	12/15/20 07:18	
1,3,5-Trimethylbenzene	ug/L	<0.87	2.9	12/15/20 07:18	
1,3-Dichlorobenzene	ug/L	<0.63	2.1	12/15/20 07:18	
1,3-Dichloropropane	ug/L	<0.83	2.8	12/15/20 07:18	
1,4-Dichlorobenzene	ug/L	<0.94	3.1	12/15/20 07:18	
2,2-Dichloropropane	ug/L	<2.3	7.6	12/15/20 07:18	
2-Chlorotoluene	ug/L	<0.93	5.0	12/15/20 07:18	
4-Chlorotoluene	ug/L	<0.76	2.5	12/15/20 07:18	
Benzene	ug/L	<0.25	1.0	12/15/20 07:18	
Bromobenzene	ug/L	<0.24	1.0	12/15/20 07:18	
Bromochloromethane	ug/L	<0.36	5.0	12/15/20 07:18	
Bromodichloromethane	ug/L	<0.36	1.2	12/15/20 07:18	
Bromoform	ug/L	<4.0	13.2	12/15/20 07:18	
Bromomethane	ug/L	<0.97	5.0	12/15/20 07:18	
Carbon tetrachloride	ug/L	<1.1	3.6	12/15/20 07:18	
Chlorobenzene	ug/L	<0.71	2.4	12/15/20 07:18	
Chloroethane	ug/L	<1.3	5.0	12/15/20 07:18	
Chloroform	ug/L	<1.3	5.0	12/15/20 07:18	
Chloromethane	ug/L	<2.2	7.3	12/15/20 07:18	
cis-1,2-Dichloroethene	ug/L	<0.27	1.0	12/15/20 07:18	
cis-1,3-Dichloropropene	ug/L	<3.6	12.1	12/15/20 07:18	
Dibromochloromethane	ug/L	<2.6	8.7	12/15/20 07:18	
Dibromomethane	ug/L	<0.94	3.1	12/15/20 07:18	
Dichlorodifluoromethane	ug/L	<0.50	5.0	12/15/20 07:18	
Diisopropyl ether	ug/L	<1.9	6.3	12/15/20 07:18	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 60646104 KEP
Pace Project No.: 40219790

METHOD BLANK: 2160106 Matrix: Water
Associated Lab Samples: 40219790022, 40219790023, 40219790024

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Ethylbenzene	ug/L	<0.32	1.1	12/15/20 07:18	
Hexachloro-1,3-butadiene	ug/L	<1.5	4.9	12/15/20 07:18	
Isopropylbenzene (Cumene)	ug/L	<1.7	5.6	12/15/20 07:18	
Methyl-tert-butyl ether	ug/L	<1.2	4.2	12/15/20 07:18	
Methylene Chloride	ug/L	<0.58	5.0	12/15/20 07:18	
n-Butylbenzene	ug/L	<0.71	2.4	12/15/20 07:18	
n-Propylbenzene	ug/L	<0.81	5.0	12/15/20 07:18	
Naphthalene	ug/L	<1.2	5.0	12/15/20 07:18	
p-Isopropyltoluene	ug/L	<0.80	2.7	12/15/20 07:18	
sec-Butylbenzene	ug/L	<0.85	5.0	12/15/20 07:18	
Styrene	ug/L	<3.0	10.0	12/15/20 07:18	
tert-Butylbenzene	ug/L	<0.30	1.0	12/15/20 07:18	
Tetrachloroethene	ug/L	<0.33	1.1	12/15/20 07:18	
Toluene	ug/L	<0.27	1.0	12/15/20 07:18	
trans-1,2-Dichloroethene	ug/L	<0.46	1.5	12/15/20 07:18	
trans-1,3-Dichloropropene	ug/L	<4.4	14.6	12/15/20 07:18	
Trichloroethene	ug/L	<0.26	1.0	12/15/20 07:18	
Trichlorofluoromethane	ug/L	<0.21	1.0	12/15/20 07:18	
Vinyl chloride	ug/L	<0.17	1.0	12/15/20 07:18	
Xylene (Total)	ug/L	<1.5	3.0	12/15/20 07:18	
4-Bromofluorobenzene (S)	%	92	70-130	12/15/20 07:18	
Dibromofluoromethane (S)	%	97	70-130	12/15/20 07:18	
Toluene-d8 (S)	%	95	70-130	12/15/20 07:18	

LABORATORY CONTROL SAMPLE: 2160107

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/L	50	49.0	98	70-130	
1,1,1,2-Tetrachloroethane	ug/L	50	48.4	97	64-131	
1,1,2-Trichloroethane	ug/L	50	46.5	93	70-130	
1,1-Dichloroethane	ug/L	50	50.0	100	69-163	
1,1-Dichloroethene	ug/L	50	53.2	106	77-123	
1,2,4-Trichlorobenzene	ug/L	50	46.9	94	68-130	
1,2-Dibromo-3-chloropropane	ug/L	50	40.5	81	63-130	
1,2-Dibromoethane (EDB)	ug/L	50	44.5	89	70-130	
1,2-Dichlorobenzene	ug/L	50	46.1	92	70-130	
1,2-Dichloroethane	ug/L	50	49.4	99	78-142	
1,2-Dichloropropane	ug/L	50	48.1	96	86-134	
1,3-Dichlorobenzene	ug/L	50	46.1	92	70-130	
1,4-Dichlorobenzene	ug/L	50	45.4	91	70-130	
Benzene	ug/L	50	48.5	97	70-130	
Bromodichloromethane	ug/L	50	49.0	98	70-130	
Bromoform	ug/L	50	42.2	84	70-130	
Bromomethane	ug/L	50	45.2	90	39-129	

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QUALITY CONTROL DATA

Project: 60646104 KEP
Pace Project No.: 40219790

LABORATORY CONTROL SAMPLE: 2160107

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Carbon tetrachloride	ug/L	50	44.9	90	70-132	
Chlorobenzene	ug/L	50	48.2	96	70-130	
Chloroethane	ug/L	50	53.0	106	66-140	
Chloroform	ug/L	50	48.1	96	75-132	
Chloromethane	ug/L	50	49.2	98	32-143	
cis-1,2-Dichloroethene	ug/L	50	47.5	95	70-130	
cis-1,3-Dichloropropene	ug/L	50	48.8	98	70-130	
Dibromochloromethane	ug/L	50	41.6	83	70-130	
Dichlorodifluoromethane	ug/L	50	46.2	92	10-141	
Ethylbenzene	ug/L	50	52.4	105	80-120	
Isopropylbenzene (Cumene)	ug/L	50	52.6	105	70-130	
Methyl-tert-butyl ether	ug/L	50	46.8	94	61-129	
Methylene Chloride	ug/L	50	49.7	99	70-130	
Styrene	ug/L	50	51.7	103	70-130	
Tetrachloroethene	ug/L	50	47.4	95	70-130	
Toluene	ug/L	50	48.8	98	80-120	
trans-1,2-Dichloroethene	ug/L	50	51.1	102	70-130	
trans-1,3-Dichloropropene	ug/L	50	44.6	89	69-130	
Trichloroethene	ug/L	50	49.1	98	70-130	
Trichlorofluoromethane	ug/L	50	59.0	118	75-145	
Vinyl chloride	ug/L	50	55.6	111	51-140	
Xylene (Total)	ug/L	150	153	102	70-130	
4-Bromofluorobenzene (S)	%			109	70-130	
Dibromofluoromethane (S)	%			96	70-130	
Toluene-d8 (S)	%			95	70-130	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2160138 2160139

Parameter	Units	40219771002 Result	MS		MSD		MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
			Spike Conc.	MSD Spike Conc.	MS Result	MSD Result						
1,1,1-Trichloroethane	ug/L	<0.00024 mg/L	50	50	50.9	53.5	102	107	70-130	5	20	
1,1,2,2-Tetrachloroethane	ug/L	<0.00028 mg/L	50	50	49.8	51.1	100	102	64-137	3	20	
1,1,2-Trichloroethane	ug/L	<0.00055 mg/L	50	50	48.4	49.1	97	98	70-137	1	20	
1,1-Dichloroethane	ug/L	<0.00027 mg/L	50	50	51.7	52.0	103	104	69-163	1	20	
1,1-Dichloroethene	ug/L	0.00050J mg/L	50	50	54.7	56.6	108	112	77-129	3	20	
1,2,4-Trichlorobenzene	ug/L	<0.95	50	50	47.3	48.8	95	98	68-130	3	20	
1,2-Dibromo-3-chloropropane	ug/L	<1.8	50	50	45.9	46.2	92	92	60-130	1	20	
1,2-Dibromoethane (EDB)	ug/L	<0.83	50	50	47.8	48.6	96	97	70-130	2	20	
1,2-Dichlorobenzene	ug/L	<0.71	50	50	48.6	49.5	97	99	70-130	2	20	
1,2-Dichloroethane	ug/L	<0.00028 mg/L	50	50	51.9	53.7	104	107	78-145	3	20	

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QUALITY CONTROL DATA

Project: 60646104 KEP
Pace Project No.: 40219790

Parameter	Units	2160138		2160139		MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	Max RPD	Qual
		40219771002 Result	MS Spike Conc.	MSD Spike Conc.	MS Result							
1,2-Dichloropropane	ug/L	<0.00028 mg/L	50	50	50.1	51.0	100	102	86-135	2	20	
1,3-Dichlorobenzene	ug/L	<0.63	50	50	48.0	49.1	96	98	70-130	2	20	
1,4-Dichlorobenzene	ug/L	<0.94	50	50	46.2	47.9	92	96	70-130	4	20	
Benzene	ug/L	<0.00025 mg/L	50	50	50.0	51.0	100	102	70-136	2	20	
Bromodichloromethane	ug/L	<0.00036 mg/L	50	50	51.7	54.1	103	108	70-130	4	20	
Bromoform	ug/L	<0.0040 mg/L	50	50	45.7	46.9	91	94	69-130	2	20	
Bromomethane	ug/L	<0.00097 mg/L	50	50	46.4	46.1	93	92	39-138	0	20	
Carbon tetrachloride	ug/L	<0.0011 mg/L	50	50	46.7	48.4	93	97	70-142	4	20	
Chlorobenzene	ug/L	<0.00071 mg/L	50	50	50.5	51.3	101	103	70-130	2	20	
Chloroethane	ug/L	<0.0013 mg/L	50	50	54.7	56.7	109	113	61-149	4	20	
Chloroform	ug/L	<0.0013 mg/L	50	50	48.8	51.0	98	102	75-133	4	20	
Chloromethane	ug/L	<0.0022 mg/L	50	50	51.7	52.4	103	104	32-143	1	20	
cis-1,2-Dichloroethene	ug/L	0.00041J mg/L	50	50	49.8	52.1	99	103	70-130	5	20	
cis-1,3-Dichloropropene	ug/L	<0.0036 mg/L	50	50	52.3	54.1	105	108	70-130	3	20	
Dibromochloromethane	ug/L	<0.0026 mg/L	50	50	43.9	46.2	88	92	70-130	5	20	
Dichlorodifluoromethane	ug/L	<0.50	50	50	44.6	45.4	89	91	10-141	2	20	
Ethylbenzene	ug/L	<0.00032 mg/L	50	50	53.9	55.5	108	111	80-120	3	20	
Isopropylbenzene (Cumene)	ug/L	<1.7	50	50	54.4	55.9	109	112	70-130	3	20	
Methyl-tert-butyl ether	ug/L	<0.0012 mg/L	50	50	48.6	50.8	97	102	61-136	4	20	
Methylene Chloride	ug/L	<0.00058 mg/L	50	50	50.9	53.7	102	107	68-137	5	20	
Styrene	ug/L	<0.0030 mg/L	50	50	53.1	56.0	106	112	70-130	5	20	
Tetrachloroethene	ug/L	0.075 mg/L	50	50	117	119	84	89	70-130	2	20	
Toluene	ug/L	<0.00027 mg/L	50	50	50.1	51.7	100	103	80-120	3	20	
trans-1,2-Dichloroethene	ug/L	0.00049J mg/L	50	50	53.7	54.8	106	109	70-130	2	20	
trans-1,3-Dichloropropene	ug/L	<0.0044 mg/L	50	50	48.1	50.1	96	100	69-130	4	20	
Trichloroethene	ug/L	0.0056 mg/L	50	50	55.0	58.9	99	107	70-130	7	20	
Trichlorofluoromethane	ug/L	<0.21	50	50	59.7	59.3	119	119	74-157	1	20	
Vinyl chloride	ug/L	0.0020 mg/L	50	50	59.3	59.6	115	115	51-140	0	20	

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QUALITY CONTROL DATA

Project: 60646104 KEP

Pace Project No.: 40219790

Parameter	Units	MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2160138		2160139		MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	Max RPD	Qual
		40219771002 Result	MS Spike Conc.	MSD Spike Conc.	MS Result							
Xylene (Total)	ug/L	<0.0015 mg/L	150	150	158	163	105	109	70-130	3	20	
4-Bromofluorobenzene (S)	%							109	107	70-130		
Dibromofluoromethane (S)	%							96	96	70-130		
Toluene-d8 (S)	%							95	95	70-130		

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QUALITY CONTROL DATA

Project: 60646104 KEP
Pace Project No.: 40219790

QC Batch: 374107 Analysis Method: SM 4500-S F (2000)
QC Batch Method: SM 4500-S F (2000) Analysis Description: 4500S2F Sulfide, Iodometric
Laboratory: Pace Analytical Services - Green Bay

Associated Lab Samples: 40219790007, 40219790008, 40219790018, 40219790019, 40219790020, 40219790021

METHOD BLANK: 2161996 Matrix: Water
Associated Lab Samples: 40219790007, 40219790008, 40219790018, 40219790019, 40219790020, 40219790021

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Sulfide	mg/L	<1.2	4.0	12/17/20 16:27	

LABORATORY CONTROL SAMPLE: 2161997

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Sulfide	mg/L	46.8	44.0	94	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2161998 2161999

Parameter	Units	2161998		2161999		MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result						
Sulfide	mg/L	<1.2	46.8	44.4	44.0	94	93	80-120	1	10	

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QUALITY CONTROL DATA

Project: 60646104 KEP
Pace Project No.: 40219790

QC Batch:	373709	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: 40219790001, 40219790002, 40219790003, 40219790004, 40219790005, 40219790006, 40219790007, 40219790008

METHOD BLANK: 2159907 Matrix: Water
Associated Lab Samples: 40219790001, 40219790002, 40219790003, 40219790004, 40219790005, 40219790006, 40219790007, 40219790008

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Chloride	mg/L	<0.43	2.0	12/14/20 12:25	
Sulfate	mg/L	<0.44	2.0	12/14/20 12:25	

LABORATORY CONTROL SAMPLE: 2159908

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Chloride	mg/L	20	18.8	94	90-110	
Sulfate	mg/L	20	19.0	95	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2159909 2159910

Parameter	Units	MS		MSD		MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		40219790008	Result	Spike Conc.	Spike Conc.								
Chloride	mg/L	71.5	200	200	284	287	106	108	90-110	1	15		
Sulfate	mg/L	343	200	200	558	560	107	108	90-110	0	15		

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QUALITY CONTROL DATA

Project: 60646104 KEP
Pace Project No.: 40219790

QC Batch:	373718	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: 40219790009, 40219790010, 40219790011, 40219790012, 40219790013, 40219790014, 40219790015, 40219790016, 40219790017, 40219790018

METHOD BLANK: 2159955 Matrix: Water
Associated Lab Samples: 40219790009, 40219790010, 40219790011, 40219790012, 40219790013, 40219790014, 40219790015, 40219790016, 40219790017, 40219790018

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Chloride	mg/L	<0.43	2.0	12/15/20 02:16	
Sulfate	mg/L	<0.44	2.0	12/15/20 02:16	

LABORATORY CONTROL SAMPLE: 2159956

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Chloride	mg/L	20	20.1	100	90-110	
Sulfate	mg/L	20	19.9	100	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2159957 2159958

Parameter	Units	MS		MSD		MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		Result	Spike Conc.	Spike Conc.	Result								
Chloride	mg/L	1110	2000	2000	3010	3120	95	100	90-110	4	15		
Sulfate	mg/L	116	100	100	209	208	93	91	90-110	1	15		

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QUALITY CONTROL DATA

Project: 60646104 KEP
Pace Project No.: 40219790

QC Batch: 373845 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: 40219790019, 40219790020, 40219790021

METHOD BLANK: 2160498 Matrix: Water

Associated Lab Samples: 40219790019, 40219790020, 40219790021

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Chloride	mg/L	<0.43	2.0	12/15/20 23:55	
Sulfate	mg/L	<0.44	2.0	12/15/20 23:55	

LABORATORY CONTROL SAMPLE: 2160499

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Chloride	mg/L	20	20.4	102	90-110	
Sulfate	mg/L	20	20.6	103	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2160500 2160501

Parameter	Units	40219478003 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Chloride	mg/L	392	400	400	811	809	105	104	90-110	0	15	
Sulfate	mg/L	54.0	400	400	480	484	106	108	90-110	1	15	

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QUALITY CONTROL DATA

Project: 60646104 KEP
Pace Project No.: 40219790

QC Batch:	373867	Analysis Method:	EPA 310.2
QC Batch Method:	EPA 310.2	Analysis Description:	310.2 Alkalinity
		Laboratory:	Pace Analytical Services - Green Bay

Associated Lab Samples: 40219790001, 40219790002, 40219790003, 40219790004, 40219790005, 40219790006, 40219790007, 40219790008, 40219790009, 40219790010, 40219790011, 40219790012, 40219790013, 40219790014, 40219790015, 40219790016, 40219790017, 40219790018, 40219790019

METHOD BLANK: 2160732 Matrix: Water
Associated Lab Samples: 40219790001, 40219790002, 40219790003, 40219790004, 40219790005, 40219790006, 40219790007, 40219790008, 40219790009, 40219790010, 40219790011, 40219790012, 40219790013, 40219790014, 40219790015, 40219790016, 40219790017, 40219790018, 40219790019

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Alkalinity, Total as CaCO3	mg/L	<7.4	24.8	12/16/20 12:23	

LABORATORY CONTROL SAMPLE: 2160733

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Alkalinity, Total as CaCO3	mg/L	100	106	106	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2160734 2160735

Parameter	Units	40219790009 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Alkalinity, Total as CaCO3	mg/L	452	200	200	602	603	75	76	90-110	0	20	M0

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2160736 2160737

Parameter	Units	40219790019 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Alkalinity, Total as CaCO3	mg/L	1150	500	500	1580	1580	87	86	90-110	0	20	M0

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 60646104 KEP
Pace Project No.: 40219790

QC Batch: 373868 Analysis Method: EPA 310.2
QC Batch Method: EPA 310.2 Analysis Description: 310.2 Alkalinity
Laboratory: Pace Analytical Services - Green Bay
Associated Lab Samples: 40219790020, 40219790021

METHOD BLANK: 2160738 Matrix: Water
Associated Lab Samples: 40219790020, 40219790021

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Alkalinity, Total as CaCO3	mg/L	<7.4	24.8	12/16/20 13:02	

LABORATORY CONTROL SAMPLE: 2160739

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Alkalinity, Total as CaCO3	mg/L	100	104	104	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2160740 2160741

Parameter	Units	2160740		2160741		MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual	
		40219818002 Result	MS Spike Conc.	MSD Spike Conc.	MS Result							MSD Result
Alkalinity, Total as CaCO3	mg/L	6960	5000	5000	11600	11600	93	93	90-110	0	20	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 60646104 KEP
Pace Project No.: 40219790

QC Batch: 373995	Analysis Method: EPA 410.4
QC Batch Method: EPA 410.4	Analysis Description: 410.4 COD
	Laboratory: Pace Analytical Services - Green Bay

Associated Lab Samples: 40219790001

METHOD BLANK: 2161336 Matrix: Water
Associated Lab Samples: 40219790001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Chemical Oxygen Demand	mg/L	<14.7	50.0	12/16/20 21:38	

LABORATORY CONTROL SAMPLE: 2161337

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Chemical Oxygen Demand	mg/L	500	529	106	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2161338 2161339

Parameter	Units	40219623001		2161338		2161339		% Rec Limits	RPD	Max RPD	Qual	
		MS Result	MSD Spike Conc.	MS Result	MSD Spike Conc.	MS % Rec	MSD % Rec					
Chemical Oxygen Demand	mg/L	22.6J	526	526	526	587	578	107	105	90-110	2	10

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2161340 2161341

Parameter	Units	40219623002		2161340		2161341		% Rec Limits	RPD	Max RPD	Qual	
		MS Result	MSD Spike Conc.	MS Result	MSD Spike Conc.	MS % Rec	MSD % Rec					
Chemical Oxygen Demand	mg/L	<15.5	526	526	526	566	561	105	105	90-110	1	10

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QUALITY CONTROL DATA

Project: 60646104 KEP
Pace Project No.: 40219790

QC Batch:	373998	Analysis Method:	EPA 410.4
QC Batch Method:	EPA 410.4	Analysis Description:	410.4 COD
		Laboratory:	Pace Analytical Services - Green Bay
Associated Lab Samples:	40219790002, 40219790003, 40219790004, 40219790005, 40219790006, 40219790007, 40219790008, 40219790009, 40219790010, 40219790011, 40219790012, 40219790013, 40219790014, 40219790015, 40219790016, 40219790017, 40219790018, 40219790019, 40219790020, 40219790021		

METHOD BLANK: 2161353 Matrix: Water
Associated Lab Samples: 40219790002, 40219790003, 40219790004, 40219790005, 40219790006, 40219790007, 40219790008, 40219790009, 40219790010, 40219790011, 40219790012, 40219790013, 40219790014, 40219790015, 40219790016, 40219790017, 40219790018, 40219790019, 40219790020, 40219790021

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Chemical Oxygen Demand	mg/L	<14.7	50.0	12/16/20 21:41	

LABORATORY CONTROL SAMPLE: 2161354

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Chemical Oxygen Demand	mg/L	500	524	105	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2161355 2161356

Parameter	Units	40219790002 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Chemical Oxygen Demand	mg/L	20.3J	526	526	587	580	108	106	90-110	1	10	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2161357 2161358

Parameter	Units	40219790003 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Chemical Oxygen Demand	mg/L	25.0J	526	526	583	585	106	106	90-110	0	10	

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QUALITY CONTROL DATA

Project: 60646104 KEP
Pace Project No.: 40219790

QC Batch:	373735	Analysis Method:	SM 5310C
QC Batch Method:	SM 5310C	Analysis Description:	5310C Total Organic Carbon
		Laboratory:	Pace Analytical Services - Green Bay
Associated Lab Samples:	40219790001, 40219790002, 40219790003, 40219790004, 40219790005, 40219790006, 40219790007, 40219790008, 40219790009, 40219790010, 40219790011, 40219790012, 40219790013, 40219790014, 40219790015, 40219790016, 40219790017, 40219790018, 40219790019, 40219790020		

METHOD BLANK: 2160012 Matrix: Water
Associated Lab Samples: 40219790001, 40219790002, 40219790003, 40219790004, 40219790005, 40219790006, 40219790007, 40219790008, 40219790009, 40219790010, 40219790011, 40219790012, 40219790013, 40219790014, 40219790015, 40219790016, 40219790017, 40219790018, 40219790019, 40219790020

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Total Organic Carbon	mg/L	<0.14	0.50	12/15/20 04:02	

LABORATORY CONTROL SAMPLE: 2160013

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Total Organic Carbon	mg/L	12.5	13.0	104	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2160014 2160015

Parameter	Units	40219790001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Total Organic Carbon	mg/L	4.4	6	6	10.9	11.2	108	112	80-120	2	10	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2160016 2160017

Parameter	Units	40219790002 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Total Organic Carbon	mg/L	4.6	6	6	11.1	11.3	109	112	80-120	2	10	

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QUALITY CONTROL DATA

Project: 60646104 KEP
Pace Project No.: 40219790

QC Batch: 373855	Analysis Method: SM 5310C
QC Batch Method: SM 5310C	Analysis Description: 5310C Total Organic Carbon
	Laboratory: Pace Analytical Services - Green Bay

Associated Lab Samples: 40219790021

METHOD BLANK: 2160647 Matrix: Water

Associated Lab Samples: 40219790021

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Total Organic Carbon	mg/L	<0.14	0.50	12/17/20 22:38	

LABORATORY CONTROL SAMPLE: 2160648

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Total Organic Carbon	mg/L	12.5	13.2	106	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2160649 2160650

Parameter	Units	2160649		2160650		MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual	
		MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result							
Total Organic Carbon	mg/L	2.3	6	6	8.7	8.9	107	110	80-120	2	10	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2162258 2162259

Parameter	Units	2162258		2162259		MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual	
		MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result							
Total Organic Carbon	mg/L	5.3	36	36	42.6	43.1	104	105	80-120	1	10	

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QUALIFIERS

Project: 60646104 KEP

Pace Project No.: 40219790

DEFINITIONS

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

ND - Not Detected at or above LOD.

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

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

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

S - Surrogate

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

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

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

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

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

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

TNI - The NELAC Institute.

ANALYTE QUALIFIERS

1q	Sample was received with headspace.
CR	The dissolved metal result was greater than the total metal result for this element. Results were confirmed by reanalysis.
D3	Sample was diluted due to the presence of high levels of non-target analytes or other matrix interference.
D9	Dissolved result is greater than the total. Data is within laboratory control limits.
HS	Results are from sample aliquot taken from VOA vial with headspace (air bubble greater than 6 mm diameter).
L2	Analyte recovery in the laboratory control sample (LCS) was below QC limits. Results may be biased low.
M0	Matrix spike recovery and/or matrix spike duplicate recovery was outside laboratory control limits.

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 60646104 KEP
Pace Project No.: 40219790

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
40219790001	MW-2201	EPA 8015B Modified	373770		
40219790002	MW-2201D	EPA 8015B Modified	373770		
40219790003	MW-2101	EPA 8015B Modified	373770		
40219790004	PZ-2101	EPA 8015B Modified	373770		
40219790005	MW-31	EPA 8015B Modified	373770		
40219790006	PZ-118	EPA 8015B Modified	374161		
40219790007	MW-2111	EPA 8015B Modified	374161		
40219790008	PZ-2111	EPA 8015B Modified	374161		
40219790009	MW-108	EPA 8015B Modified	374161		
40219790010	MW-44	EPA 8015B Modified	374161		
40219790011	MW-65	EPA 8015B Modified	374161		
40219790012	MW-113	EPA 8015B Modified	374161		
40219790013	MW-2109	EPA 8015B Modified	374161		
40219790014	PZ-2109	EPA 8015B Modified	374161		
40219790015	MW-2108	EPA 8015B Modified	374161		
40219790016	MW-2107	EPA 8015B Modified	374161		
40219790017	PZ-2107	EPA 8015B Modified	374161		
40219790018	MW-61	EPA 8015B Modified	374161		
40219790019	PZ-61	EPA 8015B Modified	374161		
40219790020	PZ-75	EPA 8015B Modified	374161		
40219790021	MW-114	EPA 8015B Modified	374161		
40219790001	MW-2201	EPA 3010	373747	EPA 6020	373825
40219790002	MW-2201D	EPA 3010	373747	EPA 6020	373825
40219790003	MW-2101	EPA 3010	373747	EPA 6020	373825
40219790004	PZ-2101	EPA 3010	373747	EPA 6020	373825
40219790005	MW-31	EPA 3010	373747	EPA 6020	373825
40219790006	PZ-118	EPA 3010	373747	EPA 6020	373825
40219790007	MW-2111	EPA 3010	373747	EPA 6020	373825
40219790008	PZ-2111	EPA 3010	373747	EPA 6020	373825
40219790009	MW-108	EPA 3010	373747	EPA 6020	373825
40219790010	MW-44	EPA 3010	373747	EPA 6020	373825
40219790011	MW-65	EPA 3010	373747	EPA 6020	373825
40219790012	MW-113	EPA 3010	373747	EPA 6020	373825
40219790013	MW-2109	EPA 3010	373747	EPA 6020	373825
40219790014	PZ-2109	EPA 3010	373747	EPA 6020	373825
40219790015	MW-2108	EPA 3010	373747	EPA 6020	373825
40219790016	MW-2107	EPA 3010	373747	EPA 6020	373825
40219790017	PZ-2107	EPA 3010	373747	EPA 6020	373825
40219790018	MW-61	EPA 3010	373747	EPA 6020	373825
40219790019	PZ-61	EPA 3010	373747	EPA 6020	373825
40219790020	PZ-75	EPA 3010	373747	EPA 6020	373825
40219790021	MW-114	EPA 3010	373754	EPA 6020	373830
40219790001	MW-2201	EPA 3010	373748	EPA 6020	373826
40219790002	MW-2201D	EPA 3010	373748	EPA 6020	373826
40219790003	MW-2101	EPA 3010	373748	EPA 6020	373826
40219790004	PZ-2101	EPA 3010	373748	EPA 6020	373826
40219790005	MW-31	EPA 3010	373748	EPA 6020	373826

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 60646104 KEP

Pace Project No.: 40219790

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
40219790006	PZ-118	EPA 3010	373748	EPA 6020	373826
40219790007	MW-2111	EPA 3010	373748	EPA 6020	373826
40219790008	PZ-2111	EPA 3010	373748	EPA 6020	373826
40219790009	MW-108	EPA 3010	373748	EPA 6020	373826
40219790010	MW-44	EPA 3010	373748	EPA 6020	373826
40219790011	MW-65	EPA 3010	373748	EPA 6020	373826
40219790012	MW-113	EPA 3010	373748	EPA 6020	373826
40219790013	MW-2109	EPA 3010	373748	EPA 6020	373826
40219790014	PZ-2109	EPA 3010	373748	EPA 6020	373826
40219790015	MW-2108	EPA 3010	373748	EPA 6020	373826
40219790016	MW-2107	EPA 3010	373748	EPA 6020	373826
40219790017	PZ-2107	EPA 3010	373748	EPA 6020	373826
40219790018	MW-61	EPA 3010	373748	EPA 6020	373826
40219790019	PZ-61	EPA 3010	373748	EPA 6020	373826
40219790020	PZ-75	EPA 3010	373748	EPA 6020	373826
40219790021	MW-114	EPA 3010	373757	EPA 6020	373834
40219790001	MW-2201	EPA 8260	373677		
40219790002	MW-2201D	EPA 8260	373677		
40219790003	MW-2101	EPA 8260	373677		
40219790004	PZ-2101	EPA 8260	373677		
40219790007	MW-2111	EPA 8260	373677		
40219790008	PZ-2111	EPA 8260	373677		
40219790011	MW-65	EPA 8260	373677		
40219790013	MW-2109	EPA 8260	373677		
40219790014	PZ-2109	EPA 8260	373677		
40219790015	MW-2108	EPA 8260	373677		
40219790016	MW-2107	EPA 8260	373677		
40219790017	PZ-2107	EPA 8260	373677		
40219790018	MW-61	EPA 8260	373677		
40219790019	PZ-61	EPA 8260	373677		
40219790020	PZ-75	EPA 8260	373677		
40219790022	TRIP BLANK	EPA 8260	373755		
40219790023	TB-121120-2	EPA 8260	373755		
40219790024	TB-121120-1	EPA 8260	373755		
40219790001	MW-2201	SM 4500-S F (2000)	373966		
40219790002	MW-2201D	SM 4500-S F (2000)	373966		
40219790003	MW-2101	SM 4500-S F (2000)	373966		
40219790004	PZ-2101	SM 4500-S F (2000)	373966		
40219790005	MW-31	SM 4500-S F (2000)	373966		
40219790006	PZ-118	SM 4500-S F (2000)	373966		
40219790007	MW-2111	SM 4500-S F (2000)	374107		
40219790008	PZ-2111	SM 4500-S F (2000)	374107		
40219790009	MW-108	SM 4500-S F (2000)	373966		
40219790010	MW-44	SM 4500-S F (2000)	373966		
40219790011	MW-65	SM 4500-S F (2000)	373966		
40219790012	MW-113	SM 4500-S F (2000)	373966		

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 60646104 KEP
Pace Project No.: 40219790

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
40219790013	MW-2109	SM 4500-S F (2000)	373966		
40219790014	PZ-2109	SM 4500-S F (2000)	373966		
40219790015	MW-2108	SM 4500-S F (2000)	373966		
40219790016	MW-2107	SM 4500-S F (2000)	373966		
40219790017	PZ-2107	SM 4500-S F (2000)	373966		
40219790018	MW-61	SM 4500-S F (2000)	374107		
40219790019	PZ-61	SM 4500-S F (2000)	374107		
40219790020	PZ-75	SM 4500-S F (2000)	374107		
40219790021	MW-114	SM 4500-S F (2000)	374107		
40219790001	MW-2201	EPA 300.0	373709		
40219790002	MW-2201D	EPA 300.0	373709		
40219790003	MW-2101	EPA 300.0	373709		
40219790004	PZ-2101	EPA 300.0	373709		
40219790005	MW-31	EPA 300.0	373709		
40219790006	PZ-118	EPA 300.0	373709		
40219790007	MW-2111	EPA 300.0	373709		
40219790008	PZ-2111	EPA 300.0	373709		
40219790009	MW-108	EPA 300.0	373718		
40219790010	MW-44	EPA 300.0	373718		
40219790011	MW-65	EPA 300.0	373718		
40219790012	MW-113	EPA 300.0	373718		
40219790013	MW-2109	EPA 300.0	373718		
40219790014	PZ-2109	EPA 300.0	373718		
40219790015	MW-2108	EPA 300.0	373718		
40219790016	MW-2107	EPA 300.0	373718		
40219790017	PZ-2107	EPA 300.0	373718		
40219790018	MW-61	EPA 300.0	373718		
40219790019	PZ-61	EPA 300.0	373845		
40219790020	PZ-75	EPA 300.0	373845		
40219790021	MW-114	EPA 300.0	373845		
40219790001	MW-2201	EPA 310.2	373867		
40219790002	MW-2201D	EPA 310.2	373867		
40219790003	MW-2101	EPA 310.2	373867		
40219790004	PZ-2101	EPA 310.2	373867		
40219790005	MW-31	EPA 310.2	373867		
40219790006	PZ-118	EPA 310.2	373867		
40219790007	MW-2111	EPA 310.2	373867		
40219790008	PZ-2111	EPA 310.2	373867		
40219790009	MW-108	EPA 310.2	373867		
40219790010	MW-44	EPA 310.2	373867		
40219790011	MW-65	EPA 310.2	373867		
40219790012	MW-113	EPA 310.2	373867		
40219790013	MW-2109	EPA 310.2	373867		
40219790014	PZ-2109	EPA 310.2	373867		
40219790015	MW-2108	EPA 310.2	373867		
40219790016	MW-2107	EPA 310.2	373867		

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 60646104 KEP
Pace Project No.: 40219790

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
40219790017	PZ-2107	EPA 310.2	373867		
40219790018	MW-61	EPA 310.2	373867		
40219790019	PZ-61	EPA 310.2	373867		
40219790020	PZ-75	EPA 310.2	373868		
40219790021	MW-114	EPA 310.2	373868		
40219790001	MW-2201	EPA 410.4	373995	EPA 410.4	374013
40219790002	MW-2201D	EPA 410.4	373998	EPA 410.4	374014
40219790003	MW-2101	EPA 410.4	373998	EPA 410.4	374014
40219790004	PZ-2101	EPA 410.4	373998	EPA 410.4	374014
40219790005	MW-31	EPA 410.4	373998	EPA 410.4	374014
40219790006	PZ-118	EPA 410.4	373998	EPA 410.4	374014
40219790007	MW-2111	EPA 410.4	373998	EPA 410.4	374014
40219790008	PZ-2111	EPA 410.4	373998	EPA 410.4	374014
40219790009	MW-108	EPA 410.4	373998	EPA 410.4	374014
40219790010	MW-44	EPA 410.4	373998	EPA 410.4	374014
40219790011	MW-65	EPA 410.4	373998	EPA 410.4	374014
40219790012	MW-113	EPA 410.4	373998	EPA 410.4	374014
40219790013	MW-2109	EPA 410.4	373998	EPA 410.4	374014
40219790014	PZ-2109	EPA 410.4	373998	EPA 410.4	374014
40219790015	MW-2108	EPA 410.4	373998	EPA 410.4	374014
40219790016	MW-2107	EPA 410.4	373998	EPA 410.4	374014
40219790017	PZ-2107	EPA 410.4	373998	EPA 410.4	374014
40219790018	MW-61	EPA 410.4	373998	EPA 410.4	374014
40219790019	PZ-61	EPA 410.4	373998	EPA 410.4	374014
40219790020	PZ-75	EPA 410.4	373998	EPA 410.4	374014
40219790021	MW-114	EPA 410.4	373998	EPA 410.4	374014
40219790001	MW-2201	SM 5310C	373735		
40219790002	MW-2201D	SM 5310C	373735		
40219790003	MW-2101	SM 5310C	373735		
40219790004	PZ-2101	SM 5310C	373735		
40219790005	MW-31	SM 5310C	373735		
40219790006	PZ-118	SM 5310C	373735		
40219790007	MW-2111	SM 5310C	373735		
40219790008	PZ-2111	SM 5310C	373735		
40219790009	MW-108	SM 5310C	373735		
40219790010	MW-44	SM 5310C	373735		
40219790011	MW-65	SM 5310C	373735		
40219790012	MW-113	SM 5310C	373735		
40219790013	MW-2109	SM 5310C	373735		
40219790014	PZ-2109	SM 5310C	373735		
40219790015	MW-2108	SM 5310C	373735		
40219790016	MW-2107	SM 5310C	373735		
40219790017	PZ-2107	SM 5310C	373735		
40219790018	MW-61	SM 5310C	373735		
40219790019	PZ-61	SM 5310C	373735		
40219790020	PZ-75	SM 5310C	373735		

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA CROSS REFERENCE TABLE


Project: 60646104 KEP

Pace Project No.: 40219790

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
40219790021	MW-114	SM 5310C	373855		


REPORT OF LABORATORY ANALYSIS

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

Sample Condition Upon Receipt Form (SCUR)

Client Name: Accem

Project #:
WO#: 40219790

 40219790

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

Tracking #: MSR#: 7812 8173 9940

Custody Seal on Cooler/Box Present: Yes no Seals intact: Yes no

Custody Seal on Samples Present: yes no Seals intact: yes no

Packing Material: Bubble Wrap Bubble Bags None Other

Thermometer Used SR - N/A Type of Ice: Wet Blue Dry None Samples on ice, cooling process has begun

Cooler Temperature Uncorr: ROT / Corr: _____

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

Temp should be above freezing to 6°C.

Biota Samples may be received at ≤ 0°C if shipped on Dry Ice.

Person examining contents:

Date: 12-12-20 / Initials: ML

Labeled By Initials: ML

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 type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	2. <u>copy to info, pgs</u>
Chain of Custody Relinquished:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	3.
Sampler Name & Signature on COC:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	4.
Samples Arrived within Hold Time:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	5.
- VOA Samples frozen upon receipt	<input type="checkbox"/> Yes <input type="checkbox"/> No	Date/Time:
Short Hold Time Analysis (<72hr):	<input 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 type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A		
Correct Containers Used:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	9.
-Pace Containers Used:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
-Pace IR Containers Used:	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
Containers Intact:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	10.
Filtered volume received for Dissolved tests	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	11.
Sample Labels match COC:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	12. <u>Unlegible date: 010 BR3N CA, 012</u>
-Includes date/time/ID/Analysis Matrix: <u>INT</u>		<u>GN. Time 1515:023</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 checked="" type="checkbox"/> No <input type="checkbox"/> N/A	
Pace Trip Blank Lot # (if purchased): <u>455/B023201VB</u>		

Client Notification/ Resolution: _____ If checked, see attached form for additional comments

Person Contacted: _____ Date/Time: _____

Comments/ Resolution: _____

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

December 23, 2020

Lanette Altenbach
AECOM, Inc.
1555 N River Center Drive
Suite 214
Milwaukee, WI 53212

RE: Project: 60646104 KEP
Pace Project No.: 40219951

Dear Lanette Altenbach:

Enclosed are the analytical results for sample(s) received by the laboratory on December 16, 2020. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise noted in the body of the report.

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

- Pace Analytical Services - Green Bay

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

Sincerely,



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

Enclosures

cc: Joel Mackinney, AECOM



REPORT OF LABORATORY ANALYSIS

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CERTIFICATIONS

Project: 60646104 KEP

Pace Project No.: 40219951

Pace Analytical Services Green Bay

1241 Bellevue Street, Green Bay, WI 54302

Florida/NELAP Certification #: E87948

Illinois Certification #: 200050

Kentucky UST Certification #: 82

Louisiana Certification #: 04168

Minnesota Certification #: 055-999-334

New York Certification #: 12064

North Dakota Certification #: R-150

Virginia VELAP ID: 460263

South Carolina Certification #: 83006001

Texas Certification #: T104704529-14-1

Wisconsin Certification #: 405132750

Wisconsin DATCP Certification #: 105-444

USDA Soil Permit #: P330-16-00157

Federal Fish & Wildlife Permit #: LE51774A-0

REPORT OF LABORATORY ANALYSIS

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SAMPLE SUMMARY

Project: 60646104 KEP

Pace Project No.: 40219951

Lab ID	Sample ID	Matrix	Date Collected	Date Received
40219951001	MW-2103	Water	12/14/20 10:50	12/16/20 12:00
40219951002	MW-2103D	Water	12/14/20 11:00	12/16/20 12:00
40219951003	PZ-2103	Water	12/14/20 11:55	12/16/20 12:00
40219951004	PZ-2103D	Water	12/14/20 12:00	12/16/20 12:00
40219951005	MW-2114	Water	12/14/20 13:40	12/16/20 12:00
40219951006	MW-2106	Water	12/14/20 14:45	12/16/20 12:00
40219951007	PZ-2113	Water	12/14/20 10:10	12/16/20 12:00
40219951008	MW-2113	Water	12/14/20 11:10	12/16/20 12:00
40219951009	PZ-2114	Water	12/14/20 12:40	12/16/20 12:00
40219951010	MW-2104	Water	12/14/20 13:40	12/16/20 12:00
40219951011	PZ-2105	Water	12/14/20 15:30	12/16/20 12:00
40219951012	MW-2105	Water	12/14/20 16:00	12/16/20 12:00
40219951013	MW-2112	Water	12/15/20 11:40	12/16/20 12:00
40219951014	PZ-2112	Water	12/15/20 11:25	12/16/20 12:00
40219951015	MW-2112D	Water	12/15/20 11:45	12/16/20 12:00
40219951016	PZ-2112D	Water	12/15/20 11:30	12/16/20 12:00
40219951017	MW-2110	Water	12/15/20 15:00	12/16/20 12:00
40219951018	MW-2102	Water	12/15/20 14:50	12/16/20 12:00
40219951019	TRIP BLANK	Water	12/15/20 17:00	12/16/20 12:00
40219951020	TB-121520-1	Water	12/15/20 17:05	12/16/20 12:00
40219951021	TB-121520-2	Water	12/15/20 17:10	12/16/20 12:00

REPORT OF LABORATORY ANALYSIS

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SAMPLE ANALYTE COUNT

Project: 60646104 KEP
Pace Project No.: 40219951

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
40219951001	MW-2103	EPA 8015B Modified	ALD	3	PASI-G
		EPA 6020	KXS	2	PASI-G
		EPA 6020	KXS	6	PASI-G
		EPA 8260	HNW	63	PASI-G
		SM 4500-S F (2000)	DEY	1	PASI-G
		EPA 300.0	HMB	2	PASI-G
		EPA 310.2	TMK	1	PASI-G
		EPA 410.4	TJJ	1	PASI-G
		SM 5310C	TJJ	1	PASI-G
40219951002	MW-2103D	EPA 8015B Modified	ALD	3	PASI-G
		EPA 6020	KXS	2	PASI-G
		EPA 6020	KXS	6	PASI-G
		EPA 8260	HNW	63	PASI-G
		SM 4500-S F (2000)	DEY	1	PASI-G
		EPA 300.0	HMB	2	PASI-G
		EPA 310.2	TMK	1	PASI-G
		EPA 410.4	TJJ	1	PASI-G
		SM 5310C	TJJ	1	PASI-G
40219951003	PZ-2103	EPA 8015B Modified	ALD	3	PASI-G
		EPA 6020	KXS	2	PASI-G
		EPA 6020	KXS	6	PASI-G
		EPA 8260	HNW	63	PASI-G
		SM 4500-S F (2000)	DEY	1	PASI-G
		EPA 300.0	HMB	2	PASI-G
		EPA 310.2	TMK	1	PASI-G
		EPA 410.4	TJJ	1	PASI-G
		SM 5310C	TJJ	1	PASI-G
40219951004	PZ-2103D	EPA 8015B Modified	ALD	3	PASI-G
		EPA 6020	KXS	2	PASI-G
		EPA 6020	KXS	6	PASI-G
		EPA 8260	HNW	63	PASI-G
		SM 4500-S F (2000)	DEY	1	PASI-G
		EPA 300.0	HMB	2	PASI-G
		EPA 310.2	TMK	1	PASI-G
		EPA 410.4	TJJ	1	PASI-G
		SM 5310C	TJJ	1	PASI-G
40219951005	MW-2114	EPA 8015B Modified	ALD	3	PASI-G

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SAMPLE ANALYTE COUNT

Project: 60646104 KEP
Pace Project No.: 40219951

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
		EPA 6020	KXS	2	PASI-G
		EPA 6020	KXS	6	PASI-G
		EPA 8260	HNW	63	PASI-G
		SM 4500-S F (2000)	DEY	1	PASI-G
		EPA 300.0	HMB	2	PASI-G
		EPA 310.2	TMK	1	PASI-G
		EPA 410.4	TJJ	1	PASI-G
		SM 5310C	TJJ	1	PASI-G
40219951006	MW-2106	EPA 8015B Modified	ALD	3	PASI-G
		EPA 6020	KXS	2	PASI-G
		EPA 6020	KXS	6	PASI-G
		EPA 8260	HNW	63	PASI-G
		SM 4500-S F (2000)	DEY	1	PASI-G
		EPA 300.0	HMB	2	PASI-G
		EPA 310.2	TMK	1	PASI-G
		EPA 410.4	TJJ	1	PASI-G
		SM 5310C	TJJ	1	PASI-G
40219951007	PZ-2113	EPA 8015B Modified	ALD	3	PASI-G
		EPA 6020	KXS	2	PASI-G
		EPA 6020	KXS	6	PASI-G
		EPA 8260	HNW	63	PASI-G
		SM 4500-S F (2000)	DEY	1	PASI-G
		EPA 300.0	HMB	2	PASI-G
		EPA 310.2	TMK	1	PASI-G
		EPA 410.4	TJJ	1	PASI-G
		SM 5310C	TJJ	1	PASI-G
40219951008	MW-2113	EPA 8015B Modified	ALD	3	PASI-G
		EPA 6020	KXS	2	PASI-G
		EPA 6020	KXS	6	PASI-G
		EPA 8260	HNW	63	PASI-G
		SM 4500-S F (2000)	DEY	1	PASI-G
		EPA 300.0	HMB	2	PASI-G
		EPA 310.2	TMK	1	PASI-G
		EPA 410.4	TJJ	1	PASI-G
		SM 5310C	TJJ	1	PASI-G
40219951009	PZ-2114	EPA 8015B Modified	ALD	3	PASI-G
		EPA 6020	KXS	2	PASI-G

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SAMPLE ANALYTE COUNT

Project: 60646104 KEP
Pace Project No.: 40219951

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory		
40219951010	MW-2104	EPA 6020	KXS	6	PASI-G		
		EPA 8260	SMT	63	PASI-G		
		SM 4500-S F (2000)	DEY	1	PASI-G		
		EPA 300.0	HMB	2	PASI-G		
		EPA 310.2	TMK	1	PASI-G		
		EPA 410.4	TJJ	1	PASI-G		
		SM 5310C	TJJ	1	PASI-G		
		EPA 8015B Modified	ALD	3	PASI-G		
		EPA 6020	KXS	2	PASI-G		
		EPA 6020	KXS	6	PASI-G		
		EPA 8260	SMT	63	PASI-G		
		SM 4500-S F (2000)	DEY	1	PASI-G		
		EPA 300.0	HMB	2	PASI-G		
40219951011	PZ-2105	EPA 310.2	TMK	1	PASI-G		
		EPA 410.4	TJJ	1	PASI-G		
		SM 5310C	TJJ	1	PASI-G		
		EPA 8015B Modified	ALD	3	PASI-G		
		EPA 6020	KXS	2	PASI-G		
		EPA 6020	KXS	6	PASI-G		
		EPA 8260	SMT	63	PASI-G		
		SM 4500-S F (2000)	DEY	1	PASI-G		
		EPA 300.0	HMB	2	PASI-G		
		EPA 310.2	TMK	1	PASI-G		
		EPA 410.4	TJJ	1	PASI-G		
		SM 5310C	TJJ	1	PASI-G		
		40219951012	MW-2105	EPA 8015B Modified	ALD	3	PASI-G
EPA 6020	KXS			2	PASI-G		
EPA 6020	KXS			6	PASI-G		
EPA 8260	HNW			63	PASI-G		
SM 4500-S F (2000)	DEY			1	PASI-G		
EPA 300.0	HMB			2	PASI-G		
EPA 310.2	TMK			1	PASI-G		
EPA 410.4	TJJ			1	PASI-G		
SM 5310C	TJJ			1	PASI-G		
40219951013	MW-2112			EPA 8015B Modified	ALD	3	PASI-G
				EPA 6020	KXS	2	PASI-G
				EPA 6020	KXS	6	PASI-G

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SAMPLE ANALYTE COUNT

Project: 60646104 KEP
Pace Project No.: 40219951

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory		
40219951014	PZ-2112	EPA 8260	HNW, SMT	63	PASI-G		
		SM 4500-S F (2000)	DEY	1	PASI-G		
		EPA 300.0	HMB	2	PASI-G		
		EPA 310.2	TMK	1	PASI-G		
		EPA 410.4	TJJ	1	PASI-G		
		SM 5310C	TJJ	1	PASI-G		
		EPA 8015B Modified	ALD	3	PASI-G		
		EPA 6020	KXS	2	PASI-G		
		EPA 6020	KXS	6	PASI-G		
		EPA 8260	HNW	63	PASI-G		
		SM 4500-S F (2000)	DEY	1	PASI-G		
		EPA 300.0	HMB	2	PASI-G		
		EPA 310.2	TMK	1	PASI-G		
		EPA 410.4	TJJ	1	PASI-G		
40219951015	MW-2112D	SM 5310C	TJJ	1	PASI-G		
		EPA 8015B Modified	ALD	3	PASI-G		
		EPA 6020	KXS	2	PASI-G		
		EPA 6020	KXS	6	PASI-G		
		EPA 8260	HNW, SMT	63	PASI-G		
		SM 4500-S F (2000)	DEY	1	PASI-G		
		EPA 300.0	HMB	2	PASI-G		
		EPA 310.2	TMK	1	PASI-G		
		EPA 410.4	TJJ	1	PASI-G		
		SM 5310C	TJJ	1	PASI-G		
		40219951016	PZ-2112D	EPA 8015B Modified	ALD	3	PASI-G
				EPA 6020	KXS	2	PASI-G
				EPA 6020	KXS	6	PASI-G
				EPA 8260	HNW	63	PASI-G
SM 4500-S F (2000)	DEY			1	PASI-G		
EPA 300.0	HMB			2	PASI-G		
EPA 310.2	TMK			1	PASI-G		
EPA 410.4	TJJ			1	PASI-G		
SM 5310C	TJJ			1	PASI-G		
40219951017	MW-2110			EPA 8015B Modified	ALD	3	PASI-G
				EPA 6020	KXS	2	PASI-G
				EPA 6020	KXS	6	PASI-G
				EPA 8260	HNW	63	PASI-G

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SAMPLE ANALYTE COUNT

Project: 60646104 KEP
Pace Project No.: 40219951

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
		SM 4500-S F (2000)	DEY	1	PASI-G
		EPA 300.0	HMB	2	PASI-G
		EPA 310.2	TMK	1	PASI-G
		EPA 410.4	TJJ	1	PASI-G
		SM 5310C	TJJ	1	PASI-G
40219951018	MW-2102	EPA 8015B Modified	ALD	3	PASI-G
		EPA 6020	KXS	2	PASI-G
		EPA 6020	KXS	6	PASI-G
		EPA 8260	HNW, SMT	63	PASI-G
		SM 4500-S F (2000)	DEY	1	PASI-G
		EPA 300.0	HMB	2	PASI-G
		EPA 310.2	TMK	1	PASI-G
		EPA 410.4	TJJ	1	PASI-G
		SM 5310C	TJJ	1	PASI-G
40219951019	TRIP BLANK	EPA 8260	LAP	63	PASI-G
40219951020	TB-121520-1	EPA 8260	SMT	63	PASI-G
40219951021	TB-121520-2	EPA 8260	SMT	63	PASI-G

PASI-G = Pace Analytical Services - Green Bay

REPORT OF LABORATORY ANALYSIS

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SUMMARY OF DETECTION

Project: 60646104 KEP
Pace Project No.: 40219951

Lab Sample ID	Client Sample ID	Result	Units	Report Limit	Analyzed	Qualifiers
Method	Parameters					
40219951001	MW-2103					
EPA 8015B Modified	Ethane	4.5J	ug/L	5.6	12/18/20 12:24	
EPA 8015B Modified	Ethene	44.0	ug/L	5.0	12/18/20 12:24	
EPA 8015B Modified	Methane	120	ug/L	2.8	12/18/20 12:24	
EPA 6020	Iron	0.70	mg/L	0.25	12/18/20 00:32	
EPA 6020	Manganese	0.16	mg/L	0.0040	12/18/20 00:32	
EPA 6020	Barium, Dissolved	0.066	mg/L	0.0023	12/19/20 08:53	
EPA 6020	Iron, Dissolved	0.69	mg/L	0.25	12/19/20 08:53	
EPA 6020	Lead, Dissolved	0.00062J	mg/L	0.0010	12/19/20 08:53	B
EPA 6020	Manganese, Dissolved	0.16	mg/L	0.0040	12/19/20 08:53	
EPA 6020	Nickel, Dissolved	0.0025	mg/L	0.0010	12/19/20 08:53	
EPA 8260	1,1-Dichloroethene	2.9J	ug/L	5.0	12/17/20 11:19	
EPA 8260	cis-1,2-Dichloroethene	1390	ug/L	5.0	12/17/20 11:19	
EPA 8260	trans-1,2-Dichloroethene	90.1	ug/L	7.7	12/17/20 11:19	
EPA 8260	Trichloroethene	966	ug/L	5.0	12/17/20 11:19	
EPA 8260	Vinyl chloride	255	ug/L	5.0	12/17/20 11:19	
EPA 300.0	Chloride	134	mg/L	10.0	12/21/20 12:55	
EPA 300.0	Sulfate	163	mg/L	10.0	12/21/20 12:55	
EPA 310.2	Alkalinity, Total as CaCO3	366	mg/L	24.8	12/23/20 12:56	M0
EPA 410.4	Chemical Oxygen Demand	15.5J	mg/L	52.6	12/22/20 20:47	
SM 5310C	Total Organic Carbon	5.3	mg/L	3.0	12/18/20 00:56	
40219951002	MW-2103D					
EPA 8015B Modified	Ethane	5.0J	ug/L	5.6	12/18/20 12:31	
EPA 8015B Modified	Ethene	51.7	ug/L	5.0	12/18/20 12:31	
EPA 8015B Modified	Methane	129	ug/L	2.8	12/18/20 12:31	
EPA 6020	Iron	0.66	mg/L	0.25	12/18/20 00:59	
EPA 6020	Manganese	0.15	mg/L	0.0040	12/18/20 00:59	
EPA 6020	Barium, Dissolved	0.064	mg/L	0.0023	12/19/20 09:20	
EPA 6020	Iron, Dissolved	0.67	mg/L	0.25	12/19/20 09:20	D9
EPA 6020	Lead, Dissolved	0.00037J	mg/L	0.0010	12/19/20 09:20	B
EPA 6020	Manganese, Dissolved	0.15	mg/L	0.0040	12/19/20 09:20	
EPA 6020	Nickel, Dissolved	0.0025	mg/L	0.0010	12/19/20 09:20	
EPA 8260	1,1-Dichloroethene	3.7J	ug/L	5.0	12/17/20 11:45	
EPA 8260	cis-1,2-Dichloroethene	1500	ug/L	5.0	12/17/20 11:45	
EPA 8260	trans-1,2-Dichloroethene	98.7	ug/L	7.7	12/17/20 11:45	
EPA 8260	Trichloroethene	1130	ug/L	5.0	12/17/20 11:45	
EPA 8260	Vinyl chloride	257	ug/L	5.0	12/17/20 11:45	
EPA 300.0	Chloride	130	mg/L	10.0	12/21/20 13:10	
EPA 300.0	Sulfate	173	mg/L	10.0	12/21/20 13:10	
EPA 310.2	Alkalinity, Total as CaCO3	364	mg/L	24.8	12/23/20 13:00	M0
EPA 410.4	Chemical Oxygen Demand	25.0J	mg/L	52.6	12/22/20 20:47	
SM 5310C	Total Organic Carbon	5.0	mg/L	3.0	12/18/20 01:58	
40219951003	PZ-2103					
EPA 8015B Modified	Ethane	1.3J	ug/L	5.6	12/18/20 12:38	
EPA 8015B Modified	Ethene	6.8	ug/L	5.0	12/18/20 12:38	
EPA 8015B Modified	Methane	21.2	ug/L	2.8	12/18/20 12:38	
EPA 6020	Iron	0.075J	mg/L	0.25	12/18/20 01:13	

REPORT OF LABORATORY ANALYSIS

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SUMMARY OF DETECTION

Project: 60646104 KEP
Pace Project No.: 40219951

Lab Sample ID	Client Sample ID	Result	Units	Report Limit	Analyzed	Qualifiers
Method	Parameters					
40219951003	PZ-2103					
EPA 6020	Manganese	0.075	mg/L	0.0040	12/18/20 01:13	
EPA 6020	Barium, Dissolved	0.12	mg/L	0.0023	12/19/20 09:47	
EPA 6020	Iron, Dissolved	0.10J	mg/L	0.25	12/19/20 09:47	
EPA 6020	Manganese, Dissolved	0.079	mg/L	0.0040	12/19/20 09:47	D9
EPA 6020	Nickel, Dissolved	0.0020	mg/L	0.0010	12/19/20 09:47	
EPA 8260	cis-1,2-Dichloroethene	10300	ug/L	625	12/17/20 09:50	
EPA 8260	trans-1,2-Dichloroethene	957J	ug/L	967	12/17/20 09:50	
EPA 8260	Trichloroethene	176000	ug/L	625	12/17/20 09:50	
EPA 300.0	Chloride	224	mg/L	20.0	12/21/20 13:24	
EPA 300.0	Sulfate	208	mg/L	20.0	12/21/20 13:24	
EPA 310.2	Alkalinity, Total as CaCO3	296	mg/L	24.8	12/23/20 13:03	
EPA 410.4	Chemical Oxygen Demand	32.7J	mg/L	50.0	12/22/20 20:48	
SM 5310C	Total Organic Carbon	3.7	mg/L	0.50	12/18/20 02:14	
40219951004	PZ-2103D					
EPA 8015B Modified	Ethene	4.5J	ug/L	5.0	12/18/20 12:45	
EPA 8015B Modified	Methane	17.4	ug/L	2.8	12/18/20 12:45	
EPA 6020	Manganese	0.065	mg/L	0.0040	12/18/20 01:20	
EPA 6020	Barium, Dissolved	0.11	mg/L	0.0023	12/19/20 09:54	
EPA 6020	Manganese, Dissolved	0.069	mg/L	0.0040	12/19/20 09:54	D9
EPA 6020	Nickel, Dissolved	0.0021	mg/L	0.0010	12/19/20 09:54	
EPA 8260	cis-1,2-Dichloroethene	9920	ug/L	625	12/17/20 10:34	
EPA 8260	trans-1,2-Dichloroethene	898J	ug/L	967	12/17/20 10:34	
EPA 8260	Trichloroethene	180000	ug/L	625	12/17/20 10:34	
EPA 300.0	Chloride	232	mg/L	20.0	12/21/20 13:38	
EPA 300.0	Sulfate	216	mg/L	20.0	12/21/20 13:38	
EPA 310.2	Alkalinity, Total as CaCO3	297	mg/L	24.8	12/23/20 13:04	
EPA 410.4	Chemical Oxygen Demand	35.0J	mg/L	50.0	12/22/20 20:48	
SM 5310C	Total Organic Carbon	3.7	mg/L	0.50	12/18/20 02:31	
40219951005	MW-2114					
EPA 8015B Modified	Ethane	11.6	ug/L	5.6	12/21/20 09:50	
EPA 8015B Modified	Methane	1090	ug/L	28.0	12/21/20 12:48	
EPA 6020	Iron	1.4	mg/L	0.25	12/18/20 01:40	
EPA 6020	Manganese	0.16	mg/L	0.0040	12/18/20 01:40	
EPA 6020	Barium, Dissolved	0.12	mg/L	0.0023	12/19/20 10:01	
EPA 6020	Iron, Dissolved	1.1	mg/L	0.25	12/19/20 10:01	
EPA 6020	Manganese, Dissolved	0.16	mg/L	0.0040	12/19/20 10:01	
EPA 6020	Nickel, Dissolved	0.0052	mg/L	0.0010	12/19/20 10:01	
EPA 8260	cis-1,2-Dichloroethene	7.6	ug/L	1.0	12/17/20 16:37	
EPA 8260	trans-1,2-Dichloroethene	0.51J	ug/L	1.5	12/17/20 16:37	
EPA 8260	Vinyl chloride	4.7	ug/L	1.0	12/17/20 16:37	
EPA 300.0	Chloride	60.5	mg/L	10.0	12/21/20 13:53	
EPA 300.0	Sulfate	31.8	mg/L	2.0	12/18/20 17:35	
EPA 310.2	Alkalinity, Total as CaCO3	412	mg/L	24.8	12/23/20 13:08	
EPA 410.4	Chemical Oxygen Demand	91.1	mg/L	50.0	12/22/20 20:48	
SM 5310C	Total Organic Carbon	22.8	mg/L	15.0	12/18/20 02:46	

REPORT OF LABORATORY ANALYSIS

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SUMMARY OF DETECTION

Project: 60646104 KEP
Pace Project No.: 40219951

Lab Sample ID	Client Sample ID	Result	Units	Report Limit	Analyzed	Qualifiers
Method	Parameters					
40219951006	MW-2106					
EPA 8015B Modified	Ethane	7.9	ug/L	5.6	12/21/20 09:57	
EPA 8015B Modified	Ethane	179	ug/L	5.0	12/21/20 09:57	
EPA 8015B Modified	Methane	1010	ug/L	14.0	12/21/20 12:55	
EPA 6020	Iron	2.3	mg/L	0.25	12/18/20 01:47	
EPA 6020	Manganese	0.29	mg/L	0.0040	12/18/20 01:47	
EPA 6020	Barium, Dissolved	0.20	mg/L	0.0023	12/19/20 10:08	
EPA 6020	Iron, Dissolved	2.1	mg/L	0.25	12/19/20 10:08	
EPA 6020	Manganese, Dissolved	0.29	mg/L	0.0040	12/19/20 10:08	
EPA 6020	Nickel, Dissolved	0.0034	mg/L	0.0010	12/19/20 10:08	
EPA 8260	Chloroethane	27.6J	ug/L	100	12/17/20 17:22	
EPA 8260	cis-1,2-Dichloroethene	237	ug/L	20.0	12/17/20 17:22	
EPA 8260	Vinyl chloride	1630	ug/L	20.0	12/17/20 17:22	
EPA 300.0	Chloride	40.3	mg/L	2.0	12/18/20 17:50	
EPA 300.0	Sulfate	187	mg/L	20.0	12/21/20 14:07	
EPA 310.2	Alkalinity, Total as CaCO3	612	mg/L	49.6	12/23/20 14:24	
EPA 410.4	Chemical Oxygen Demand	219	mg/L	50.0	12/22/20 20:48	
SM 5310C	Total Organic Carbon	59.7	mg/L	30.0	12/18/20 03:00	
40219951007	PZ-2113					
EPA 8015B Modified	Ethane	2.3J	ug/L	5.0	12/21/20 10:04	
EPA 8015B Modified	Methane	84.0	ug/L	2.8	12/21/20 10:04	
EPA 6020	Manganese	0.15	mg/L	0.0040	12/18/20 01:54	
EPA 6020	Barium, Dissolved	0.12	mg/L	0.0023	12/19/20 10:14	
EPA 6020	Manganese, Dissolved	0.16	mg/L	0.0040	12/19/20 10:14	D9
EPA 6020	Nickel, Dissolved	0.0049	mg/L	0.0010	12/19/20 10:14	
EPA 8260	cis-1,2-Dichloroethene	16000	ug/L	100	12/17/20 10:12	M1
EPA 8260	trans-1,2-Dichloroethene	1760	ug/L	155	12/17/20 10:12	M1
EPA 8260	Trichloroethene	5060	ug/L	100	12/17/20 10:12	M1
EPA 8260	Vinyl chloride	286	ug/L	100	12/17/20 10:12	M1
EPA 300.0	Chloride	262	mg/L	20.0	12/21/20 14:22	
EPA 300.0	Sulfate	322	mg/L	20.0	12/21/20 14:22	
EPA 310.2	Alkalinity, Total as CaCO3	320	mg/L	24.8	12/23/20 13:11	
EPA 410.4	Chemical Oxygen Demand	23.7J	mg/L	50.0	12/22/20 20:48	
SM 5310C	Total Organic Carbon	4.5	mg/L	0.50	12/18/20 03:16	
40219951008	MW-2113					
EPA 8015B Modified	Ethane	3.7J	ug/L	5.6	12/21/20 10:11	
EPA 8015B Modified	Ethane	26.1	ug/L	5.0	12/21/20 10:11	
EPA 8015B Modified	Methane	570	ug/L	14.0	12/21/20 13:02	
EPA 6020	Iron	4.9	mg/L	0.25	12/18/20 02:00	
EPA 6020	Manganese	0.20	mg/L	0.0040	12/18/20 02:00	
EPA 6020	Barium, Dissolved	0.069	mg/L	0.0023	12/19/20 10:21	
EPA 6020	Iron, Dissolved	4.9	mg/L	0.25	12/19/20 10:21	
EPA 6020	Manganese, Dissolved	0.18	mg/L	0.0040	12/19/20 10:21	
EPA 6020	Nickel, Dissolved	0.0034	mg/L	0.0010	12/19/20 10:21	
EPA 8260	1,1-Dichloroethene	0.51J	ug/L	1.0	12/17/20 13:37	
EPA 8260	cis-1,2-Dichloroethene	321	ug/L	10.0	12/17/20 16:59	
EPA 8260	trans-1,2-Dichloroethene	38.7	ug/L	1.5	12/17/20 13:37	

REPORT OF LABORATORY ANALYSIS

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SUMMARY OF DETECTION

Project: 60646104 KEP

Pace Project No.: 40219951

Lab Sample ID	Client Sample ID	Result	Units	Report Limit	Analyzed	Qualifiers
Method	Parameters					
40219951008	MW-2113					
EPA 8260	Trichloroethene	2.9	ug/L	1.0	12/17/20 13:37	
EPA 8260	Vinyl chloride	706	ug/L	10.0	12/17/20 16:59	
EPA 300.0	Chloride	32.6	mg/L	2.0	12/18/20 18:18	
EPA 300.0	Sulfate	308	mg/L	20.0	12/21/20 14:36	
EPA 310.2	Alkalinity, Total as CaCO3	380	mg/L	24.8	12/23/20 13:12	
EPA 410.4	Chemical Oxygen Demand	59.7	mg/L	50.0	12/22/20 20:48	
SM 5310C	Total Organic Carbon	16.7	mg/L	15.0	12/18/20 03:32	
40219951009	PZ-2114					
EPA 8015B Modified	Methane	2.5J	ug/L	2.8	12/21/20 10:18	
EPA 6020	Manganese	0.012	mg/L	0.0040	12/18/20 02:07	
EPA 6020	Barium, Dissolved	0.14	mg/L	0.0023	12/19/20 10:28	
EPA 6020	Manganese, Dissolved	0.015	mg/L	0.0040	12/19/20 10:28	D9
EPA 6020	Nickel, Dissolved	0.0025	mg/L	0.0010	12/19/20 10:28	
EPA 8260	Vinyl chloride	0.25J	ug/L	1.0	12/18/20 10:56	
EPA 300.0	Chloride	137	mg/L	10.0	12/21/20 15:33	
EPA 300.0	Sulfate	110	mg/L	10.0	12/21/20 15:33	
EPA 310.2	Alkalinity, Total as CaCO3	213	mg/L	24.8	12/23/20 13:13	
EPA 410.4	Chemical Oxygen Demand	28.2J	mg/L	50.0	12/22/20 20:48	
SM 5310C	Total Organic Carbon	5.8	mg/L	1.0	12/18/20 03:46	
40219951010	MW-2104					
EPA 8015B Modified	Methane	215	ug/L	5.6	12/21/20 13:09	
EPA 6020	Iron	5.1	mg/L	0.25	12/18/20 02:14	
EPA 6020	Manganese	0.32	mg/L	0.0040	12/18/20 02:14	
EPA 6020	Barium, Dissolved	0.079	mg/L	0.0023	12/19/20 10:35	
EPA 6020	Iron, Dissolved	3.5	mg/L	0.25	12/19/20 10:35	
EPA 6020	Manganese, Dissolved	0.31	mg/L	0.0040	12/19/20 10:35	
EPA 6020	Nickel, Dissolved	0.0023	mg/L	0.0010	12/19/20 10:35	
EPA 8260	cis-1,2-Dichloroethene	5.4	ug/L	1.0	12/18/20 11:19	
EPA 8260	trans-1,2-Dichloroethene	0.85J	ug/L	1.5	12/18/20 11:19	
EPA 8260	Trichloroethene	0.44J	ug/L	1.0	12/18/20 11:19	
EPA 8260	Vinyl chloride	0.57J	ug/L	1.0	12/18/20 11:19	
EPA 300.0	Chloride	438	mg/L	20.0	12/21/20 15:48	
EPA 300.0	Sulfate	302	mg/L	20.0	12/21/20 15:48	
EPA 310.2	Alkalinity, Total as CaCO3	418	mg/L	24.8	12/23/20 13:14	
EPA 410.4	Chemical Oxygen Demand	48.4J	mg/L	50.0	12/22/20 20:48	
SM 5310C	Total Organic Carbon	10.6	mg/L	3.0	12/18/20 04:20	
40219951011	PZ-2105					
EPA 8015B Modified	Methane	1.8J	ug/L	2.8	12/21/20 10:32	
EPA 6020	Manganese	0.013	mg/L	0.0040	12/18/20 02:21	
EPA 6020	Barium, Dissolved	0.11	mg/L	0.0023	12/19/20 10:55	
EPA 6020	Manganese, Dissolved	0.010	mg/L	0.0040	12/19/20 10:55	
EPA 6020	Nickel, Dissolved	0.0016	mg/L	0.0010	12/19/20 10:55	
EPA 8260	cis-1,2-Dichloroethene	2.8	ug/L	1.0	12/18/20 11:42	
EPA 8260	Trichloroethene	2.5	ug/L	1.0	12/18/20 11:42	
EPA 300.0	Chloride	164	mg/L	20.0	12/21/20 16:02	
EPA 300.0	Sulfate	219	mg/L	20.0	12/21/20 16:02	

REPORT OF LABORATORY ANALYSIS

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SUMMARY OF DETECTION

Project: 60646104 KEP
Pace Project No.: 40219951

Lab Sample ID Method	Client Sample ID Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
40219951011	PZ-2105					
EPA 310.2	Alkalinity, Total as CaCO3	188	mg/L	24.8	12/23/20 13:15	
EPA 410.4	Chemical Oxygen Demand	17.0J	mg/L	50.0	12/22/20 20:48	
SM 5310C	Total Organic Carbon	4.1	mg/L	0.50	12/18/20 04:36	
40219951012	MW-2105					
EPA 8015B Modified	Ethane	7.9	ug/L	5.6	12/21/20 10:39	
EPA 8015B Modified	Methane	1110	ug/L	28.0	12/21/20 13:16	
EPA 6020	Iron	2.5	mg/L	0.25	12/18/20 02:28	
EPA 6020	Manganese	0.26	mg/L	0.0040	12/18/20 02:28	
EPA 6020	Barium, Dissolved	0.13	mg/L	0.0023	12/19/20 11:02	
EPA 6020	Iron, Dissolved	2.0	mg/L	0.25	12/19/20 11:02	
EPA 6020	Manganese, Dissolved	0.28	mg/L	0.0040	12/19/20 11:02	D9
EPA 6020	Nickel, Dissolved	0.0024	mg/L	0.0010	12/19/20 11:02	
EPA 8260	Benzene	2.0	ug/L	1.0	12/17/20 15:07	
EPA 8260	cis-1,2-Dichloroethene	12.9	ug/L	1.0	12/17/20 15:07	
EPA 8260	Trichloroethene	3.6	ug/L	1.0	12/17/20 15:07	
EPA 8260	Vinyl chloride	2.5	ug/L	1.0	12/17/20 15:07	
EPA 8260	Xylene (Total)	4.9	ug/L	3.0	12/17/20 15:07	
EPA 300.0	Chloride	251	mg/L	20.0	12/21/20 16:17	
EPA 300.0	Sulfate	107	mg/L	20.0	12/21/20 16:17	
EPA 310.2	Alkalinity, Total as CaCO3	493	mg/L	24.8	12/23/20 13:16	
EPA 410.4	Chemical Oxygen Demand	91.1	mg/L	50.0	12/22/20 20:48	
SM 5310C	Total Organic Carbon	25.9	mg/L	15.0	12/18/20 04:51	
40219951013	MW-2112					
EPA 8015B Modified	Ethene	30.2	ug/L	5.0	12/21/20 10:46	
EPA 8015B Modified	Methane	48.5	ug/L	2.8	12/21/20 10:46	
EPA 6020	Iron	3.3	mg/L	0.25	12/18/20 02:34	
EPA 6020	Manganese	0.40	mg/L	0.0040	12/18/20 02:34	
EPA 6020	Barium, Dissolved	0.060	mg/L	0.0023	12/19/20 11:09	
EPA 6020	Iron, Dissolved	3.3	mg/L	0.25	12/19/20 11:09	
EPA 6020	Manganese, Dissolved	0.38	mg/L	0.0040	12/19/20 11:09	
EPA 6020	Nickel, Dissolved	0.0015	mg/L	0.0010	12/19/20 11:09	
EPA 8260	cis-1,2-Dichloroethene	809	ug/L	10.0	12/17/20 12:07	
EPA 8260	trans-1,2-Dichloroethene	8.5J	ug/L	15.5	12/17/20 12:07	
EPA 8260	Vinyl chloride	305	ug/L	10.0	12/17/20 12:07	
EPA 300.0	Chloride	79.3	mg/L	20.0	12/21/20 16:31	
EPA 300.0	Sulfate	284	mg/L	20.0	12/21/20 16:31	
EPA 310.2	Alkalinity, Total as CaCO3	341	mg/L	24.8	12/23/20 13:17	
EPA 410.4	Chemical Oxygen Demand	39.5J	mg/L	50.0	12/22/20 20:48	
SM 5310C	Total Organic Carbon	8.0	mg/L	3.0	12/18/20 05:05	
40219951014	PZ-2112					
EPA 8015B Modified	Methane	1.5J	ug/L	2.8	12/21/20 10:53	
EPA 6020	Manganese	0.026	mg/L	0.0040	12/18/20 02:41	
EPA 6020	Barium, Dissolved	0.087	mg/L	0.0023	12/19/20 11:16	
EPA 6020	Manganese, Dissolved	0.023	mg/L	0.0040	12/19/20 11:16	
EPA 6020	Nickel, Dissolved	0.0045	mg/L	0.0010	12/19/20 11:16	
EPA 8260	cis-1,2-Dichloroethene	1.0	ug/L	1.0	12/17/20 15:29	

REPORT OF LABORATORY ANALYSIS

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SUMMARY OF DETECTION

Project: 60646104 KEP
Pace Project No.: 40219951

Lab Sample ID	Client Sample ID	Result	Units	Report Limit	Analyzed	Qualifiers
Method	Parameters					
40219951014	PZ-2112					
EPA 8260	Trichloroethene	0.27J	ug/L	1.0	12/17/20 15:29	
EPA 8260	Vinyl chloride	4.6	ug/L	1.0	12/17/20 15:29	
EPA 300.0	Chloride	231	mg/L	40.0	12/22/20 06:58	
EPA 300.0	Sulfate	840	mg/L	40.0	12/22/20 06:58	
EPA 310.2	Alkalinity, Total as CaCO3	422	mg/L	24.8	12/23/20 13:18	
EPA 410.4	Chemical Oxygen Demand	35.0J	mg/L	50.0	12/22/20 20:49	
SM 5310C	Total Organic Carbon	6.6	mg/L	1.5	12/18/20 05:20	
40219951015	MW-2112D					
EPA 8015B Modified	Ethene	9.8	ug/L	5.0	12/21/20 11:11	M1
EPA 8015B Modified	Methane	16.2	ug/L	2.8	12/21/20 11:11	M1
EPA 6020	Iron	3.5	mg/L	0.25	12/18/20 03:02	
EPA 6020	Manganese	0.38	mg/L	0.0040	12/18/20 03:02	
EPA 6020	Barium, Dissolved	0.060	mg/L	0.0023	12/19/20 11:23	
EPA 6020	Iron, Dissolved	3.3	mg/L	0.25	12/19/20 11:23	
EPA 6020	Manganese, Dissolved	0.38	mg/L	0.0040	12/19/20 11:23	
EPA 6020	Nickel, Dissolved	0.0023	mg/L	0.0010	12/19/20 11:23	
EPA 8260	cis-1,2-Dichloroethene	761	ug/L	10.0	12/17/20 12:29	
EPA 8260	trans-1,2-Dichloroethene	6.8J	ug/L	15.5	12/17/20 12:29	
EPA 8260	Vinyl chloride	302	ug/L	10.0	12/17/20 12:29	
EPA 300.0	Chloride	78.1	mg/L	20.0	12/21/20 18:35	
EPA 300.0	Sulfate	270	mg/L	20.0	12/21/20 18:35	
EPA 310.2	Alkalinity, Total as CaCO3	351	mg/L	24.8	12/23/20 13:23	
EPA 410.4	Chemical Oxygen Demand	35.0J	mg/L	50.0	12/22/20 20:49	
SM 5310C	Total Organic Carbon	7.2	mg/L	1.5	12/18/20 05:34	
40219951016	PZ-2112D					
EPA 8015B Modified	Methane	0.70J	ug/L	2.8	12/21/20 11:18	
EPA 6020	Manganese	0.025	mg/L	0.0040	12/18/20 03:08	
EPA 6020	Barium, Dissolved	0.086	mg/L	0.0023	12/19/20 11:30	
EPA 6020	Manganese, Dissolved	0.020	mg/L	0.0040	12/19/20 11:30	
EPA 6020	Nickel, Dissolved	0.0046	mg/L	0.0010	12/19/20 11:30	
EPA 8260	cis-1,2-Dichloroethene	0.84J	ug/L	1.0	12/17/20 15:52	
EPA 8260	Trichloroethene	0.26J	ug/L	1.0	12/17/20 15:52	
EPA 8260	Vinyl chloride	1.7	ug/L	1.0	12/17/20 15:52	
EPA 300.0	Chloride	226	mg/L	40.0	12/21/20 18:49	
EPA 300.0	Sulfate	816	mg/L	40.0	12/21/20 18:49	
EPA 310.2	Alkalinity, Total as CaCO3	422	mg/L	24.8	12/23/20 13:24	
EPA 410.4	Chemical Oxygen Demand	35.0J	mg/L	50.0	12/22/20 20:49	
SM 5310C	Total Organic Carbon	6.6	mg/L	1.5	12/18/20 06:18	
40219951017	MW-2110					
EPA 8015B Modified	Methane	10.4	ug/L	2.8	12/21/20 11:25	
EPA 6020	Iron	1.2	mg/L	0.25	12/18/20 03:15	
EPA 6020	Manganese	0.29	mg/L	0.0040	12/18/20 03:15	
EPA 6020	Barium, Dissolved	0.074	mg/L	0.0023	12/19/20 11:36	
EPA 6020	Iron, Dissolved	1.2	mg/L	0.25	12/19/20 11:36	
EPA 6020	Manganese, Dissolved	0.29	mg/L	0.0040	12/19/20 11:36	
EPA 6020	Nickel, Dissolved	0.0022	mg/L	0.0010	12/19/20 11:36	

REPORT OF LABORATORY ANALYSIS

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SUMMARY OF DETECTION

Project: 60646104 KEP
Pace Project No.: 40219951

Lab Sample ID Method	Client Sample ID Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
40219951017	MW-2110					
EPA 8260	cis-1,2-Dichloroethene	8.4	ug/L	1.0	12/17/20 16:14	
EPA 8260	Vinyl chloride	5.3	ug/L	1.0	12/17/20 16:14	
EPA 300.0	Chloride	189	mg/L	20.0	12/21/20 19:03	
EPA 300.0	Sulfate	260	mg/L	20.0	12/21/20 19:03	
EPA 310.2	Alkalinity, Total as CaCO3	359	mg/L	24.8	12/23/20 13:25	
EPA 410.4	Chemical Oxygen Demand	19.3J	mg/L	50.0	12/22/20 20:49	
SM 5310C	Total Organic Carbon	2.9	mg/L	0.50	12/18/20 06:34	
40219951018	MW-2102					
EPA 8015B Modified	Ethene	2.2J	ug/L	5.0	12/21/20 11:32	
EPA 8015B Modified	Methane	15.5	ug/L	2.8	12/21/20 11:32	
EPA 6020	Iron	3.4	mg/L	0.25	12/18/20 03:22	
EPA 6020	Manganese	0.32	mg/L	0.0040	12/18/20 03:22	
EPA 6020	Barium, Dissolved	0.066	mg/L	0.0023	12/19/20 11:43	
EPA 6020	Iron, Dissolved	3.2	mg/L	0.25	12/19/20 11:43	
EPA 6020	Manganese, Dissolved	0.30	mg/L	0.0040	12/19/20 11:43	
EPA 6020	Nickel, Dissolved	0.0033	mg/L	0.0010	12/19/20 11:43	
EPA 8260	cis-1,2-Dichloroethene	317	ug/L	5.0	12/17/20 12:52	
EPA 8260	trans-1,2-Dichloroethene	2.5J	ug/L	7.7	12/17/20 12:52	
EPA 8260	Vinyl chloride	218	ug/L	5.0	12/17/20 12:52	
EPA 300.0	Chloride	88.5	mg/L	20.0	12/21/20 19:18	
EPA 300.0	Sulfate	400	mg/L	20.0	12/21/20 19:18	MO
EPA 310.2	Alkalinity, Total as CaCO3	347	mg/L	24.8	12/23/20 13:26	
EPA 410.4	Chemical Oxygen Demand	41.7J	mg/L	50.0	12/22/20 20:49	
SM 5310C	Total Organic Carbon	10.9	mg/L	3.0	12/18/20 07:09	
40219951020	TB-121520-1					
EPA 8260	Chlorobenzene	1.3J	ug/L	2.4	12/18/20 10:11	
EPA 8260	Ethylbenzene	0.41J	ug/L	1.1	12/18/20 10:11	
EPA 8260	Vinyl chloride	0.48J	ug/L	1.0	12/18/20 10:11	
40219951021	TB-121520-2					
EPA 8260	Chlorobenzene	1.3J	ug/L	2.4	12/18/20 10:34	
EPA 8260	Ethylbenzene	0.42J	ug/L	1.1	12/18/20 10:34	
EPA 8260	Vinyl chloride	0.48J	ug/L	1.0	12/18/20 10:34	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 60646104 KEP
Pace Project No.: 40219951

Sample: MW-2103 **Lab ID: 40219951001** Collected: 12/14/20 10:50 Received: 12/16/20 12:00 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	4.5J	ug/L	5.6	1.2	1		12/18/20 12:24	74-84-0	
Ethene	44.0	ug/L	5.0	1.2	1		12/18/20 12:24	74-85-1	
Methane	120	ug/L	2.8	0.66	1		12/18/20 12:24	74-82-8	
6020 MET ICPMS									
Analytical Method: EPA 6020 Preparation Method: EPA 3010 Pace Analytical Services - Green Bay									
Iron	0.70	mg/L	0.25	0.058	1	12/17/20 05:33	12/18/20 00:32	7439-89-6	
Manganese	0.16	mg/L	0.0040	0.0012	1	12/17/20 05:33	12/18/20 00:32	7439-96-5	
6020 MET ICPMS, Dissolved									
Analytical Method: EPA 6020 Preparation Method: EPA 3010 Pace Analytical Services - Green Bay									
Barium, Dissolved	0.066	mg/L	0.0023	0.00070	1	12/17/20 05:50	12/19/20 08:53	7440-39-3	
Chromium, Dissolved	<0.0010	mg/L	0.0034	0.0010	1	12/17/20 05:50	12/19/20 08:53	7440-47-3	
Iron, Dissolved	0.69	mg/L	0.25	0.058	1	12/17/20 05:50	12/19/20 08:53	7439-89-6	
Lead, Dissolved	0.00062J	mg/L	0.0010	0.00024	1	12/17/20 05:50	12/19/20 08:53	7439-92-1	B
Manganese, Dissolved	0.16	mg/L	0.0040	0.0012	1	12/17/20 05:50	12/19/20 08:53	7439-96-5	
Nickel, Dissolved	0.0025	mg/L	0.0010	0.00028	1	12/17/20 05:50	12/19/20 08:53	7440-02-0	
8260 MSV									
Analytical Method: EPA 8260 Pace Analytical Services - Green Bay									
Benzene	<1.2	ug/L	5.0	1.2	5		12/17/20 11:19	71-43-2	
Bromobenzene	<1.2	ug/L	5.0	1.2	5		12/17/20 11:19	108-86-1	
Bromochloromethane	<1.8	ug/L	25.0	1.8	5		12/17/20 11:19	74-97-5	
Bromodichloromethane	<1.8	ug/L	6.1	1.8	5		12/17/20 11:19	75-27-4	
Bromoform	<19.9	ug/L	66.2	19.9	5		12/17/20 11:19	75-25-2	
Bromomethane	<4.9	ug/L	25.0	4.9	5		12/17/20 11:19	74-83-9	
n-Butylbenzene	<3.5	ug/L	11.8	3.5	5		12/17/20 11:19	104-51-8	
sec-Butylbenzene	<4.2	ug/L	25.0	4.2	5		12/17/20 11:19	135-98-8	
tert-Butylbenzene	<1.5	ug/L	5.1	1.5	5		12/17/20 11:19	98-06-6	
Carbon tetrachloride	<5.4	ug/L	17.9	5.4	5		12/17/20 11:19	56-23-5	
Chlorobenzene	<3.6	ug/L	11.8	3.6	5		12/17/20 11:19	108-90-7	
Chloroethane	<6.7	ug/L	25.0	6.7	5		12/17/20 11:19	75-00-3	
Chloroform	<6.4	ug/L	25.0	6.4	5		12/17/20 11:19	67-66-3	
Chloromethane	<10.9	ug/L	36.5	10.9	5		12/17/20 11:19	74-87-3	
2-Chlorotoluene	<4.6	ug/L	25.0	4.6	5		12/17/20 11:19	95-49-8	
4-Chlorotoluene	<3.8	ug/L	12.6	3.8	5		12/17/20 11:19	106-43-4	
1,2-Dibromo-3-chloropropane	<8.8	ug/L	29.4	8.8	5		12/17/20 11:19	96-12-8	
Dibromochloromethane	<13.0	ug/L	43.4	13.0	5		12/17/20 11:19	124-48-1	
1,2-Dibromoethane (EDB)	<4.1	ug/L	13.8	4.1	5		12/17/20 11:19	106-93-4	
Dibromomethane	<4.7	ug/L	15.6	4.7	5		12/17/20 11:19	74-95-3	
1,2-Dichlorobenzene	<3.5	ug/L	11.8	3.5	5		12/17/20 11:19	95-50-1	
1,3-Dichlorobenzene	<3.1	ug/L	10.5	3.1	5		12/17/20 11:19	541-73-1	
1,4-Dichlorobenzene	<4.7	ug/L	15.7	4.7	5		12/17/20 11:19	106-46-7	
Dichlorodifluoromethane	<2.5	ug/L	25.0	2.5	5		12/17/20 11:19	75-71-8	
1,1-Dichloroethane	<1.4	ug/L	5.0	1.4	5		12/17/20 11:19	75-34-3	

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ANALYTICAL RESULTS

Project: 60646104 KEP
Pace Project No.: 40219951

Sample: MW-2103 **Lab ID: 40219951001** Collected: 12/14/20 10:50 Received: 12/16/20 12:00 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-Dichloroethane	<1.4	ug/L	5.0	1.4	5		12/17/20 11:19	107-06-2	
1,1-Dichloroethene	2.9J	ug/L	5.0	1.2	5		12/17/20 11:19	75-35-4	
cis-1,2-Dichloroethene	1390	ug/L	5.0	1.4	5		12/17/20 11:19	156-59-2	
trans-1,2-Dichloroethene	90.1	ug/L	7.7	2.3	5		12/17/20 11:19	156-60-5	
1,2-Dichloropropane	<1.4	ug/L	5.0	1.4	5		12/17/20 11:19	78-87-5	
1,3-Dichloropropane	<4.1	ug/L	13.8	4.1	5		12/17/20 11:19	142-28-9	
2,2-Dichloropropane	<11.3	ug/L	37.8	11.3	5		12/17/20 11:19	594-20-7	
1,1-Dichloropropene	<2.7	ug/L	9.0	2.7	5		12/17/20 11:19	563-58-6	
cis-1,3-Dichloropropene	<18.1	ug/L	60.5	18.1	5		12/17/20 11:19	10061-01-5	
trans-1,3-Dichloropropene	<21.9	ug/L	72.8	21.9	5		12/17/20 11:19	10061-02-6	
Diisopropyl ether	<9.4	ug/L	31.5	9.4	5		12/17/20 11:19	108-20-3	
Ethylbenzene	<1.6	ug/L	5.3	1.6	5		12/17/20 11:19	100-41-4	
Hexachloro-1,3-butadiene	<7.3	ug/L	24.4	7.3	5		12/17/20 11:19	87-68-3	
Isopropylbenzene (Cumene)	<8.4	ug/L	28.1	8.4	5		12/17/20 11:19	98-82-8	
p-Isopropyltoluene	<4.0	ug/L	13.3	4.0	5		12/17/20 11:19	99-87-6	
Methylene Chloride	<2.9	ug/L	25.0	2.9	5		12/17/20 11:19	75-09-2	
Methyl-tert-butyl ether	<6.2	ug/L	20.8	6.2	5		12/17/20 11:19	1634-04-4	
Naphthalene	<5.9	ug/L	25.0	5.9	5		12/17/20 11:19	91-20-3	
n-Propylbenzene	<4.1	ug/L	25.0	4.1	5		12/17/20 11:19	103-65-1	
Styrene	<15.0	ug/L	50.2	15.0	5		12/17/20 11:19	100-42-5	
1,1,1,2-Tetrachloroethane	<1.3	ug/L	5.0	1.3	5		12/17/20 11:19	630-20-6	
1,1,2,2-Tetrachloroethane	<1.4	ug/L	5.0	1.4	5		12/17/20 11:19	79-34-5	
Tetrachloroethene	<1.6	ug/L	5.4	1.6	5		12/17/20 11:19	127-18-4	
Toluene	<1.3	ug/L	5.0	1.3	5		12/17/20 11:19	108-88-3	
1,2,3-Trichlorobenzene	<11.1	ug/L	36.8	11.1	5		12/17/20 11:19	87-61-6	
1,2,4-Trichlorobenzene	<4.8	ug/L	25.0	4.8	5		12/17/20 11:19	120-82-1	
1,1,1-Trichloroethane	<1.2	ug/L	5.0	1.2	5		12/17/20 11:19	71-55-6	
1,1,2-Trichloroethane	<2.8	ug/L	25.0	2.8	5		12/17/20 11:19	79-00-5	
Trichloroethene	966	ug/L	5.0	1.3	5		12/17/20 11:19	79-01-6	
Trichlorofluoromethane	<1.1	ug/L	5.0	1.1	5		12/17/20 11:19	75-69-4	
1,2,3-Trichloropropane	<3.0	ug/L	25.0	3.0	5		12/17/20 11:19	96-18-4	
1,2,4-Trimethylbenzene	<4.2	ug/L	14.0	4.2	5		12/17/20 11:19	95-63-6	
1,3,5-Trimethylbenzene	<4.4	ug/L	14.6	4.4	5		12/17/20 11:19	108-67-8	
Vinyl chloride	255	ug/L	5.0	0.87	5		12/17/20 11:19	75-01-4	
Xylene (Total)	<7.5	ug/L	15.0	7.5	5		12/17/20 11:19	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	94	%	70-130		5		12/17/20 11:19	460-00-4	
Dibromofluoromethane (S)	97	%	70-130		5		12/17/20 11:19	1868-53-7	
Toluene-d8 (S)	96	%	70-130		5		12/17/20 11:19	2037-26-5	
4500S2F Sulfide, Iodometric									
Analytical Method: SM 4500-S F (2000)									
Pace Analytical Services - Green Bay									
Sulfide	<1.2	mg/L	4.0	1.2	1		12/17/20 16:02		

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ANALYTICAL RESULTS

Project: 60646104 KEP

Pace Project No.: 40219951

Sample: MW-2103 **Lab ID: 40219951001** Collected: 12/14/20 10:50 Received: 12/16/20 12:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
300.0 IC Anions									
Analytical Method: EPA 300.0									
Pace Analytical Services - Green Bay									
Chloride	134	mg/L	10.0	2.2	5		12/21/20 12:55	16887-00-6	
Sulfate	163	mg/L	10.0	2.2	5		12/21/20 12:55	14808-79-8	
310.2 Alkalinity									
Analytical Method: EPA 310.2									
Pace Analytical Services - Green Bay									
Alkalinity, Total as CaCO ₃	366	mg/L	24.8	7.4	1		12/23/20 12:56		M0
410.4 COD									
Analytical Method: EPA 410.4 Preparation Method: EPA 410.4									
Pace Analytical Services - Green Bay									
Chemical Oxygen Demand	15.5J	mg/L	52.6	15.5	1	12/22/20 17:02	12/22/20 20:47		
5310C TOC									
Analytical Method: SM 5310C									
Pace Analytical Services - Green Bay									
Total Organic Carbon	5.3	mg/L	3.0	0.83	6		12/18/20 00:56	7440-44-0	

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ANALYTICAL RESULTS

Project: 60646104 KEP
Pace Project No.: 40219951

Sample: MW-2103D **Lab ID: 40219951002** Collected: 12/14/20 11:00 Received: 12/16/20 12:00 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	5.0J	ug/L	5.6	1.2	1		12/18/20 12:31	74-84-0	
Ethene	51.7	ug/L	5.0	1.2	1		12/18/20 12:31	74-85-1	
Methane	129	ug/L	2.8	0.66	1		12/18/20 12:31	74-82-8	
6020 MET ICPMS									
Analytical Method: EPA 6020 Preparation Method: EPA 3010 Pace Analytical Services - Green Bay									
Iron	0.66	mg/L	0.25	0.058	1	12/17/20 05:33	12/18/20 00:59	7439-89-6	
Manganese	0.15	mg/L	0.0040	0.0012	1	12/17/20 05:33	12/18/20 00:59	7439-96-5	
6020 MET ICPMS, Dissolved									
Analytical Method: EPA 6020 Preparation Method: EPA 3010 Pace Analytical Services - Green Bay									
Barium, Dissolved	0.064	mg/L	0.0023	0.00070	1	12/17/20 05:50	12/19/20 09:20	7440-39-3	
Chromium, Dissolved	<0.0010	mg/L	0.0034	0.0010	1	12/17/20 05:50	12/19/20 09:20	7440-47-3	
Iron, Dissolved	0.67	mg/L	0.25	0.058	1	12/17/20 05:50	12/19/20 09:20	7439-89-6	D9
Lead, Dissolved	0.00037J	mg/L	0.0010	0.00024	1	12/17/20 05:50	12/19/20 09:20	7439-92-1	B
Manganese, Dissolved	0.15	mg/L	0.0040	0.0012	1	12/17/20 05:50	12/19/20 09:20	7439-96-5	
Nickel, Dissolved	0.0025	mg/L	0.0010	0.00028	1	12/17/20 05:50	12/19/20 09:20	7440-02-0	
8260 MSV									
Analytical Method: EPA 8260 Pace Analytical Services - Green Bay									
Benzene	<1.2	ug/L	5.0	1.2	5		12/17/20 11:45	71-43-2	
Bromobenzene	<1.2	ug/L	5.0	1.2	5		12/17/20 11:45	108-86-1	
Bromochloromethane	<1.8	ug/L	25.0	1.8	5		12/17/20 11:45	74-97-5	
Bromodichloromethane	<1.8	ug/L	6.1	1.8	5		12/17/20 11:45	75-27-4	
Bromoform	<19.9	ug/L	66.2	19.9	5		12/17/20 11:45	75-25-2	
Bromomethane	<4.9	ug/L	25.0	4.9	5		12/17/20 11:45	74-83-9	
n-Butylbenzene	<3.5	ug/L	11.8	3.5	5		12/17/20 11:45	104-51-8	
sec-Butylbenzene	<4.2	ug/L	25.0	4.2	5		12/17/20 11:45	135-98-8	
tert-Butylbenzene	<1.5	ug/L	5.1	1.5	5		12/17/20 11:45	98-06-6	
Carbon tetrachloride	<5.4	ug/L	17.9	5.4	5		12/17/20 11:45	56-23-5	
Chlorobenzene	<3.6	ug/L	11.8	3.6	5		12/17/20 11:45	108-90-7	
Chloroethane	<6.7	ug/L	25.0	6.7	5		12/17/20 11:45	75-00-3	
Chloroform	<6.4	ug/L	25.0	6.4	5		12/17/20 11:45	67-66-3	
Chloromethane	<10.9	ug/L	36.5	10.9	5		12/17/20 11:45	74-87-3	
2-Chlorotoluene	<4.6	ug/L	25.0	4.6	5		12/17/20 11:45	95-49-8	
4-Chlorotoluene	<3.8	ug/L	12.6	3.8	5		12/17/20 11:45	106-43-4	
1,2-Dibromo-3-chloropropane	<8.8	ug/L	29.4	8.8	5		12/17/20 11:45	96-12-8	
Dibromochloromethane	<13.0	ug/L	43.4	13.0	5		12/17/20 11:45	124-48-1	
1,2-Dibromoethane (EDB)	<4.1	ug/L	13.8	4.1	5		12/17/20 11:45	106-93-4	
Dibromomethane	<4.7	ug/L	15.6	4.7	5		12/17/20 11:45	74-95-3	
1,2-Dichlorobenzene	<3.5	ug/L	11.8	3.5	5		12/17/20 11:45	95-50-1	
1,3-Dichlorobenzene	<3.1	ug/L	10.5	3.1	5		12/17/20 11:45	541-73-1	
1,4-Dichlorobenzene	<4.7	ug/L	15.7	4.7	5		12/17/20 11:45	106-46-7	
Dichlorodifluoromethane	<2.5	ug/L	25.0	2.5	5		12/17/20 11:45	75-71-8	
1,1-Dichloroethane	<1.4	ug/L	5.0	1.4	5		12/17/20 11:45	75-34-3	

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ANALYTICAL RESULTS

Project: 60646104 KEP

Pace Project No.: 40219951

Sample: MW-2103D **Lab ID: 40219951002** Collected: 12/14/20 11:00 Received: 12/16/20 12:00 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-Dichloroethane	<1.4	ug/L	5.0	1.4	5		12/17/20 11:45	107-06-2	
1,1-Dichloroethene	3.7J	ug/L	5.0	1.2	5		12/17/20 11:45	75-35-4	
cis-1,2-Dichloroethene	1500	ug/L	5.0	1.4	5		12/17/20 11:45	156-59-2	
trans-1,2-Dichloroethene	98.7	ug/L	7.7	2.3	5		12/17/20 11:45	156-60-5	
1,2-Dichloropropane	<1.4	ug/L	5.0	1.4	5		12/17/20 11:45	78-87-5	
1,3-Dichloropropane	<4.1	ug/L	13.8	4.1	5		12/17/20 11:45	142-28-9	
2,2-Dichloropropane	<11.3	ug/L	37.8	11.3	5		12/17/20 11:45	594-20-7	
1,1-Dichloropropene	<2.7	ug/L	9.0	2.7	5		12/17/20 11:45	563-58-6	
cis-1,3-Dichloropropene	<18.1	ug/L	60.5	18.1	5		12/17/20 11:45	10061-01-5	
trans-1,3-Dichloropropene	<21.9	ug/L	72.8	21.9	5		12/17/20 11:45	10061-02-6	
Diisopropyl ether	<9.4	ug/L	31.5	9.4	5		12/17/20 11:45	108-20-3	
Ethylbenzene	<1.6	ug/L	5.3	1.6	5		12/17/20 11:45	100-41-4	
Hexachloro-1,3-butadiene	<7.3	ug/L	24.4	7.3	5		12/17/20 11:45	87-68-3	
Isopropylbenzene (Cumene)	<8.4	ug/L	28.1	8.4	5		12/17/20 11:45	98-82-8	
p-Isopropyltoluene	<4.0	ug/L	13.3	4.0	5		12/17/20 11:45	99-87-6	
Methylene Chloride	<2.9	ug/L	25.0	2.9	5		12/17/20 11:45	75-09-2	
Methyl-tert-butyl ether	<6.2	ug/L	20.8	6.2	5		12/17/20 11:45	1634-04-4	
Naphthalene	<5.9	ug/L	25.0	5.9	5		12/17/20 11:45	91-20-3	
n-Propylbenzene	<4.1	ug/L	25.0	4.1	5		12/17/20 11:45	103-65-1	
Styrene	<15.0	ug/L	50.2	15.0	5		12/17/20 11:45	100-42-5	
1,1,1,2-Tetrachloroethane	<1.3	ug/L	5.0	1.3	5		12/17/20 11:45	630-20-6	
1,1,2,2-Tetrachloroethane	<1.4	ug/L	5.0	1.4	5		12/17/20 11:45	79-34-5	
Tetrachloroethene	<1.6	ug/L	5.4	1.6	5		12/17/20 11:45	127-18-4	
Toluene	<1.3	ug/L	5.0	1.3	5		12/17/20 11:45	108-88-3	
1,2,3-Trichlorobenzene	<11.1	ug/L	36.8	11.1	5		12/17/20 11:45	87-61-6	
1,2,4-Trichlorobenzene	<4.8	ug/L	25.0	4.8	5		12/17/20 11:45	120-82-1	
1,1,1-Trichloroethane	<1.2	ug/L	5.0	1.2	5		12/17/20 11:45	71-55-6	
1,1,2-Trichloroethane	<2.8	ug/L	25.0	2.8	5		12/17/20 11:45	79-00-5	
Trichloroethene	1130	ug/L	5.0	1.3	5		12/17/20 11:45	79-01-6	
Trichlorofluoromethane	<1.1	ug/L	5.0	1.1	5		12/17/20 11:45	75-69-4	
1,2,3-Trichloropropane	<3.0	ug/L	25.0	3.0	5		12/17/20 11:45	96-18-4	
1,2,4-Trimethylbenzene	<4.2	ug/L	14.0	4.2	5		12/17/20 11:45	95-63-6	
1,3,5-Trimethylbenzene	<4.4	ug/L	14.6	4.4	5		12/17/20 11:45	108-67-8	
Vinyl chloride	257	ug/L	5.0	0.87	5		12/17/20 11:45	75-01-4	
Xylene (Total)	<7.5	ug/L	15.0	7.5	5		12/17/20 11:45	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	94	%	70-130		5		12/17/20 11:45	460-00-4	
Dibromofluoromethane (S)	97	%	70-130		5		12/17/20 11:45	1868-53-7	
Toluene-d8 (S)	96	%	70-130		5		12/17/20 11:45	2037-26-5	
4500S2F Sulfide, Iodometric									
Analytical Method: SM 4500-S F (2000)									
Pace Analytical Services - Green Bay									
Sulfide	<1.2	mg/L	4.0	1.2	1		12/17/20 16:08		

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ANALYTICAL RESULTS

Project: 60646104 KEP
Pace Project No.: 40219951

Sample: MW-2103D **Lab ID: 40219951002** Collected: 12/14/20 11:00 Received: 12/16/20 12:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
300.0 IC Anions									
Analytical Method: EPA 300.0 Pace Analytical Services - Green Bay									
Chloride	130	mg/L	10.0	2.2	5		12/21/20 13:10	16887-00-6	
Sulfate	173	mg/L	10.0	2.2	5		12/21/20 13:10	14808-79-8	
310.2 Alkalinity									
Analytical Method: EPA 310.2 Pace Analytical Services - Green Bay									
Alkalinity, Total as CaCO ₃	364	mg/L	24.8	7.4	1		12/23/20 13:00		M0
410.4 COD									
Analytical Method: EPA 410.4 Preparation Method: EPA 410.4 Pace Analytical Services - Green Bay									
Chemical Oxygen Demand	25.0J	mg/L	52.6	15.5	1	12/22/20 17:02	12/22/20 20:47		
5310C TOC									
Analytical Method: SM 5310C Pace Analytical Services - Green Bay									
Total Organic Carbon	5.0	mg/L	3.0	0.83	6		12/18/20 01:58	7440-44-0	

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ANALYTICAL RESULTS

Project: 60646104 KEP

Pace Project No.: 40219951

Sample: **PZ-2103** Lab ID: **40219951003** Collected: 12/14/20 11:55 Received: 12/16/20 12:00 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	1.3J	ug/L	5.6	1.2	1		12/18/20 12:38	74-84-0	
Ethene	6.8	ug/L	5.0	1.2	1		12/18/20 12:38	74-85-1	
Methane	21.2	ug/L	2.8	0.66	1		12/18/20 12:38	74-82-8	
6020 MET ICPMS									
Analytical Method: EPA 6020 Preparation Method: EPA 3010									
Pace Analytical Services - Green Bay									
Iron	0.075J	mg/L	0.25	0.058	1	12/17/20 05:33	12/18/20 01:13	7439-89-6	
Manganese	0.075	mg/L	0.0040	0.0012	1	12/17/20 05:33	12/18/20 01:13	7439-96-5	
6020 MET ICPMS, Dissolved									
Analytical Method: EPA 6020 Preparation Method: EPA 3010									
Pace Analytical Services - Green Bay									
Barium, Dissolved	0.12	mg/L	0.0023	0.00070	1	12/17/20 05:50	12/19/20 09:47	7440-39-3	
Chromium, Dissolved	<0.0010	mg/L	0.0034	0.0010	1	12/17/20 05:50	12/19/20 09:47	7440-47-3	
Iron, Dissolved	0.10J	mg/L	0.25	0.058	1	12/17/20 05:50	12/19/20 09:47	7439-89-6	
Lead, Dissolved	<0.00024	mg/L	0.0010	0.00024	1	12/17/20 05:50	12/19/20 09:47	7439-92-1	
Manganese, Dissolved	0.079	mg/L	0.0040	0.0012	1	12/17/20 05:50	12/19/20 09:47	7439-96-5	D9
Nickel, Dissolved	0.0020	mg/L	0.0010	0.00028	1	12/17/20 05:50	12/19/20 09:47	7440-02-0	
8260 MSV									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
Benzene	<154	ug/L	625	154	625		12/17/20 09:50	71-43-2	
Bromobenzene	<151	ug/L	625	151	625		12/17/20 09:50	108-86-1	
Bromochloromethane	<226	ug/L	3120	226	625		12/17/20 09:50	74-97-5	
Bromodichloromethane	<227	ug/L	758	227	625		12/17/20 09:50	75-27-4	
Bromoform	<2480	ug/L	8270	2480	625		12/17/20 09:50	75-25-2	
Bromomethane	<607	ug/L	3120	607	625		12/17/20 09:50	74-83-9	
n-Butylbenzene	<443	ug/L	1480	443	625		12/17/20 09:50	104-51-8	
sec-Butylbenzene	<530	ug/L	3120	530	625		12/17/20 09:50	135-98-8	
tert-Butylbenzene	<190	ug/L	633	190	625		12/17/20 09:50	98-06-6	
Carbon tetrachloride	<673	ug/L	2240	673	625		12/17/20 09:50	56-23-5	
Chlorobenzene	<444	ug/L	1480	444	625		12/17/20 09:50	108-90-7	
Chloroethane	<839	ug/L	3120	839	625		12/17/20 09:50	75-00-3	
Chloroform	<796	ug/L	3120	796	625		12/17/20 09:50	67-66-3	
Chloromethane	<1370	ug/L	4560	1370	625		12/17/20 09:50	74-87-3	
2-Chlorotoluene	<579	ug/L	3120	579	625		12/17/20 09:50	95-49-8	
4-Chlorotoluene	<473	ug/L	1580	473	625		12/17/20 09:50	106-43-4	
1,2-Dibromo-3-chloropropane	<1100	ug/L	3670	1100	625		12/17/20 09:50	96-12-8	
Dibromochloromethane	<1630	ug/L	5420	1630	625		12/17/20 09:50	124-48-1	
1,2-Dibromoethane (EDB)	<518	ug/L	1730	518	625		12/17/20 09:50	106-93-4	
Dibromomethane	<586	ug/L	1950	586	625		12/17/20 09:50	74-95-3	
1,2-Dichlorobenzene	<441	ug/L	1470	441	625		12/17/20 09:50	95-50-1	
1,3-Dichlorobenzene	<392	ug/L	1310	392	625		12/17/20 09:50	541-73-1	
1,4-Dichlorobenzene	<590	ug/L	1970	590	625		12/17/20 09:50	106-46-7	
Dichlorodifluoromethane	<312	ug/L	3120	312	625		12/17/20 09:50	75-71-8	
1,1-Dichloroethane	<170	ug/L	625	170	625		12/17/20 09:50	75-34-3	

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ANALYTICAL RESULTS

Project: 60646104 KEP

Pace Project No.: 40219951

Sample: PZ-2103 **Lab ID: 40219951003** Collected: 12/14/20 11:55 Received: 12/16/20 12:00 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-Dichloroethane	<175	ug/L	625	175	625		12/17/20 09:50	107-06-2	
1,1-Dichloroethane	<153	ug/L	625	153	625		12/17/20 09:50	75-35-4	
cis-1,2-Dichloroethene	10300	ug/L	625	169	625		12/17/20 09:50	156-59-2	
trans-1,2-Dichloroethene	957J	ug/L	967	290	625		12/17/20 09:50	156-60-5	
1,2-Dichloropropane	<177	ug/L	625	177	625		12/17/20 09:50	78-87-5	
1,3-Dichloropropane	<516	ug/L	1720	516	625		12/17/20 09:50	142-28-9	
2,2-Dichloropropane	<1420	ug/L	4720	1420	625		12/17/20 09:50	594-20-7	
1,1-Dichloropropene	<338	ug/L	1130	338	625		12/17/20 09:50	563-58-6	
cis-1,3-Dichloropropene	<2270	ug/L	7560	2270	625		12/17/20 09:50	10061-01-5	
trans-1,3-Dichloropropene	<2730	ug/L	9100	2730	625		12/17/20 09:50	10061-02-6	
Diisopropyl ether	<1180	ug/L	3930	1180	625		12/17/20 09:50	108-20-3	
Ethylbenzene	<199	ug/L	664	199	625		12/17/20 09:50	100-41-4	
Hexachloro-1,3-butadiene	<914	ug/L	3050	914	625		12/17/20 09:50	87-68-3	
Isopropylbenzene (Cumene)	<1050	ug/L	3510	1050	625		12/17/20 09:50	98-82-8	
p-Isopropyltoluene	<500	ug/L	1670	500	625		12/17/20 09:50	99-87-6	
Methylene Chloride	<363	ug/L	3120	363	625		12/17/20 09:50	75-09-2	
Methyl-tert-butyl ether	<779	ug/L	2600	779	625		12/17/20 09:50	1634-04-4	
Naphthalene	<734	ug/L	3120	734	625		12/17/20 09:50	91-20-3	
n-Propylbenzene	<507	ug/L	3120	507	625		12/17/20 09:50	103-65-1	
Styrene	<1880	ug/L	6270	1880	625		12/17/20 09:50	100-42-5	
1,1,1,2-Tetrachloroethane	<168	ug/L	625	168	625		12/17/20 09:50	630-20-6	
1,1,1,2,2-Tetrachloroethane	<172	ug/L	625	172	625		12/17/20 09:50	79-34-5	
Tetrachloroethene	<204	ug/L	680	204	625		12/17/20 09:50	127-18-4	
Toluene	<168	ug/L	625	168	625		12/17/20 09:50	108-88-3	
1,2,3-Trichlorobenzene	<1380	ug/L	4610	1380	625		12/17/20 09:50	87-61-6	
1,2,4-Trichlorobenzene	<595	ug/L	3120	595	625		12/17/20 09:50	120-82-1	
1,1,1-Trichloroethane	<153	ug/L	625	153	625		12/17/20 09:50	71-55-6	
1,1,2-Trichloroethane	<345	ug/L	3120	345	625		12/17/20 09:50	79-00-5	
Trichloroethene	176000	ug/L	625	160	625		12/17/20 09:50	79-01-6	
Trichlorofluoromethane	<134	ug/L	625	134	625		12/17/20 09:50	75-69-4	
1,2,3-Trichloropropane	<369	ug/L	3120	369	625		12/17/20 09:50	96-18-4	
1,2,4-Trimethylbenzene	<525	ug/L	1750	525	625		12/17/20 09:50	95-63-6	
1,3,5-Trimethylbenzene	<546	ug/L	1820	546	625		12/17/20 09:50	108-67-8	
Vinyl chloride	<109	ug/L	625	109	625		12/17/20 09:50	75-01-4	
Xylene (Total)	<938	ug/L	1880	938	625		12/17/20 09:50	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	93	%	70-130		625		12/17/20 09:50	460-00-4	
Dibromofluoromethane (S)	92	%	70-130		625		12/17/20 09:50	1868-53-7	
Toluene-d8 (S)	97	%	70-130		625		12/17/20 09:50	2037-26-5	

4500S2F Sulfide, Iodometric

Analytical Method: SM 4500-S F (2000)

Pace Analytical Services - Green Bay

Sulfide	<1.2	mg/L	4.0	1.2	1		12/17/20 16:09		
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ANALYTICAL RESULTS

Project: 60646104 KEP
Pace Project No.: 40219951

Sample: PZ-2103 **Lab ID: 40219951003** Collected: 12/14/20 11:55 Received: 12/16/20 12:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
300.0 IC Anions									
Analytical Method: EPA 300.0 Pace Analytical Services - Green Bay									
Chloride	224	mg/L	20.0	4.3	10		12/21/20 13:24	16887-00-6	
Sulfate	208	mg/L	20.0	4.4	10		12/21/20 13:24	14808-79-8	
310.2 Alkalinity									
Analytical Method: EPA 310.2 Pace Analytical Services - Green Bay									
Alkalinity, Total as CaCO ₃	296	mg/L	24.8	7.4	1		12/23/20 13:03		
410.4 COD									
Analytical Method: EPA 410.4 Preparation Method: EPA 410.4 Pace Analytical Services - Green Bay									
Chemical Oxygen Demand	32.7J	mg/L	50.0	14.7	1	12/22/20 17:02	12/22/20 20:48		
5310C TOC									
Analytical Method: SM 5310C Pace Analytical Services - Green Bay									
Total Organic Carbon	3.7	mg/L	0.50	0.14	1		12/18/20 02:14	7440-44-0	

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ANALYTICAL RESULTS

Project: 60646104 KEP

Pace Project No.: 40219951

Sample: PZ-2103D **Lab ID: 40219951004** Collected: 12/14/20 12:00 Received: 12/16/20 12:00 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	<1.2	ug/L	5.6	1.2	1		12/18/20 12:45	74-84-0	
Ethene	4.5J	ug/L	5.0	1.2	1		12/18/20 12:45	74-85-1	
Methane	17.4	ug/L	2.8	0.66	1		12/18/20 12:45	74-82-8	
6020 MET ICPMS									
Analytical Method: EPA 6020 Preparation Method: EPA 3010 Pace Analytical Services - Green Bay									
Iron	<0.058	mg/L	0.25	0.058	1	12/17/20 05:33	12/18/20 01:20	7439-89-6	
Manganese	0.065	mg/L	0.0040	0.0012	1	12/17/20 05:33	12/18/20 01:20	7439-96-5	
6020 MET ICPMS, Dissolved									
Analytical Method: EPA 6020 Preparation Method: EPA 3010 Pace Analytical Services - Green Bay									
Barium, Dissolved	0.11	mg/L	0.0023	0.00070	1	12/17/20 05:50	12/19/20 09:54	7440-39-3	
Chromium, Dissolved	<0.0010	mg/L	0.0034	0.0010	1	12/17/20 05:50	12/19/20 09:54	7440-47-3	
Iron, Dissolved	<0.058	mg/L	0.25	0.058	1	12/17/20 05:50	12/19/20 09:54	7439-89-6	
Lead, Dissolved	<0.00024	mg/L	0.0010	0.00024	1	12/17/20 05:50	12/19/20 09:54	7439-92-1	
Manganese, Dissolved	0.069	mg/L	0.0040	0.0012	1	12/17/20 05:50	12/19/20 09:54	7439-96-5	D9
Nickel, Dissolved	0.0021	mg/L	0.0010	0.00028	1	12/17/20 05:50	12/19/20 09:54	7440-02-0	
8260 MSV									
Analytical Method: EPA 8260 Pace Analytical Services - Green Bay									
Benzene	<154	ug/L	625	154	625		12/17/20 10:34	71-43-2	
Bromobenzene	<151	ug/L	625	151	625		12/17/20 10:34	108-86-1	
Bromochloromethane	<226	ug/L	3120	226	625		12/17/20 10:34	74-97-5	
Bromodichloromethane	<227	ug/L	758	227	625		12/17/20 10:34	75-27-4	
Bromoform	<2480	ug/L	8270	2480	625		12/17/20 10:34	75-25-2	
Bromomethane	<607	ug/L	3120	607	625		12/17/20 10:34	74-83-9	
n-Butylbenzene	<443	ug/L	1480	443	625		12/17/20 10:34	104-51-8	
sec-Butylbenzene	<530	ug/L	3120	530	625		12/17/20 10:34	135-98-8	
tert-Butylbenzene	<190	ug/L	633	190	625		12/17/20 10:34	98-06-6	
Carbon tetrachloride	<673	ug/L	2240	673	625		12/17/20 10:34	56-23-5	
Chlorobenzene	<444	ug/L	1480	444	625		12/17/20 10:34	108-90-7	
Chloroethane	<839	ug/L	3120	839	625		12/17/20 10:34	75-00-3	
Chloroform	<796	ug/L	3120	796	625		12/17/20 10:34	67-66-3	
Chloromethane	<1370	ug/L	4560	1370	625		12/17/20 10:34	74-87-3	
2-Chlorotoluene	<579	ug/L	3120	579	625		12/17/20 10:34	95-49-8	
4-Chlorotoluene	<473	ug/L	1580	473	625		12/17/20 10:34	106-43-4	
1,2-Dibromo-3-chloropropane	<1100	ug/L	3670	1100	625		12/17/20 10:34	96-12-8	
Dibromochloromethane	<1630	ug/L	5420	1630	625		12/17/20 10:34	124-48-1	
1,2-Dibromoethane (EDB)	<518	ug/L	1730	518	625		12/17/20 10:34	106-93-4	
Dibromomethane	<586	ug/L	1950	586	625		12/17/20 10:34	74-95-3	
1,2-Dichlorobenzene	<441	ug/L	1470	441	625		12/17/20 10:34	95-50-1	
1,3-Dichlorobenzene	<392	ug/L	1310	392	625		12/17/20 10:34	541-73-1	
1,4-Dichlorobenzene	<590	ug/L	1970	590	625		12/17/20 10:34	106-46-7	
Dichlorodifluoromethane	<312	ug/L	3120	312	625		12/17/20 10:34	75-71-8	
1,1-Dichloroethane	<170	ug/L	625	170	625		12/17/20 10:34	75-34-3	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 60646104 KEP
Pace Project No.: 40219951

Sample: PZ-2103D **Lab ID: 40219951004** Collected: 12/14/20 12:00 Received: 12/16/20 12:00 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-Dichloroethane	<175	ug/L	625	175	625		12/17/20 10:34	107-06-2	
1,1-Dichloroethene	<153	ug/L	625	153	625		12/17/20 10:34	75-35-4	
cis-1,2-Dichloroethene	9920	ug/L	625	169	625		12/17/20 10:34	156-59-2	
trans-1,2-Dichloroethene	898J	ug/L	967	290	625		12/17/20 10:34	156-60-5	
1,2-Dichloropropane	<177	ug/L	625	177	625		12/17/20 10:34	78-87-5	
1,3-Dichloropropane	<516	ug/L	1720	516	625		12/17/20 10:34	142-28-9	
2,2-Dichloropropane	<1420	ug/L	4720	1420	625		12/17/20 10:34	594-20-7	
1,1-Dichloropropene	<338	ug/L	1130	338	625		12/17/20 10:34	563-58-6	
cis-1,3-Dichloropropene	<2270	ug/L	7560	2270	625		12/17/20 10:34	10061-01-5	
trans-1,3-Dichloropropene	<2730	ug/L	9100	2730	625		12/17/20 10:34	10061-02-6	
Diisopropyl ether	<1180	ug/L	3930	1180	625		12/17/20 10:34	108-20-3	
Ethylbenzene	<199	ug/L	664	199	625		12/17/20 10:34	100-41-4	
Hexachloro-1,3-butadiene	<914	ug/L	3050	914	625		12/17/20 10:34	87-68-3	
Isopropylbenzene (Cumene)	<1050	ug/L	3510	1050	625		12/17/20 10:34	98-82-8	
p-Isopropyltoluene	<500	ug/L	1670	500	625		12/17/20 10:34	99-87-6	
Methylene Chloride	<363	ug/L	3120	363	625		12/17/20 10:34	75-09-2	
Methyl-tert-butyl ether	<779	ug/L	2600	779	625		12/17/20 10:34	1634-04-4	
Naphthalene	<734	ug/L	3120	734	625		12/17/20 10:34	91-20-3	
n-Propylbenzene	<507	ug/L	3120	507	625		12/17/20 10:34	103-65-1	
Styrene	<1880	ug/L	6270	1880	625		12/17/20 10:34	100-42-5	
1,1,1,2-Tetrachloroethane	<168	ug/L	625	168	625		12/17/20 10:34	630-20-6	
1,1,1,2,2-Tetrachloroethane	<172	ug/L	625	172	625		12/17/20 10:34	79-34-5	
Tetrachloroethene	<204	ug/L	680	204	625		12/17/20 10:34	127-18-4	
Toluene	<168	ug/L	625	168	625		12/17/20 10:34	108-88-3	
1,2,3-Trichlorobenzene	<1380	ug/L	4610	1380	625		12/17/20 10:34	87-61-6	
1,2,4-Trichlorobenzene	<595	ug/L	3120	595	625		12/17/20 10:34	120-82-1	
1,1,1-Trichloroethane	<153	ug/L	625	153	625		12/17/20 10:34	71-55-6	
1,1,2-Trichloroethane	<345	ug/L	3120	345	625		12/17/20 10:34	79-00-5	
Trichloroethene	180000	ug/L	625	160	625		12/17/20 10:34	79-01-6	
Trichlorofluoromethane	<134	ug/L	625	134	625		12/17/20 10:34	75-69-4	
1,2,3-Trichloropropane	<369	ug/L	3120	369	625		12/17/20 10:34	96-18-4	
1,2,4-Trimethylbenzene	<525	ug/L	1750	525	625		12/17/20 10:34	95-63-6	
1,3,5-Trimethylbenzene	<546	ug/L	1820	546	625		12/17/20 10:34	108-67-8	
Vinyl chloride	<109	ug/L	625	109	625		12/17/20 10:34	75-01-4	
Xylene (Total)	<938	ug/L	1880	938	625		12/17/20 10:34	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	94	%	70-130		625		12/17/20 10:34	460-00-4	
Dibromofluoromethane (S)	95	%	70-130		625		12/17/20 10:34	1868-53-7	
Toluene-d8 (S)	97	%	70-130		625		12/17/20 10:34	2037-26-5	
4500S2F Sulfide, Iodometric									
Analytical Method: SM 4500-S F (2000)									
Pace Analytical Services - Green Bay									
Sulfide	<1.2	mg/L	4.0	1.2	1		12/17/20 16:13		

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 60646104 KEP
Pace Project No.: 40219951

Sample: PZ-2103D **Lab ID: 40219951004** Collected: 12/14/20 12:00 Received: 12/16/20 12:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
300.0 IC Anions									
Analytical Method: EPA 300.0 Pace Analytical Services - Green Bay									
Chloride	232	mg/L	20.0	4.3	10		12/21/20 13:38	16887-00-6	
Sulfate	216	mg/L	20.0	4.4	10		12/21/20 13:38	14808-79-8	
310.2 Alkalinity									
Analytical Method: EPA 310.2 Pace Analytical Services - Green Bay									
Alkalinity, Total as CaCO ₃	297	mg/L	24.8	7.4	1		12/23/20 13:04		
410.4 COD									
Analytical Method: EPA 410.4 Preparation Method: EPA 410.4 Pace Analytical Services - Green Bay									
Chemical Oxygen Demand	35.0J	mg/L	50.0	14.7	1	12/22/20 17:02	12/22/20 20:48		
5310C TOC									
Analytical Method: SM 5310C Pace Analytical Services - Green Bay									
Total Organic Carbon	3.7	mg/L	0.50	0.14	1		12/18/20 02:31	7440-44-0	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 60646104 KEP
Pace Project No.: 40219951

Sample: MW-2114 **Lab ID: 40219951005** Collected: 12/14/20 13:40 Received: 12/16/20 12:00 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	11.6	ug/L	5.6	1.2	1		12/21/20 09:50	74-84-0	
Ethene	<1.2	ug/L	5.0	1.2	1		12/21/20 09:50	74-85-1	
Methane	1090	ug/L	28.0	6.6	10		12/21/20 12:48	74-82-8	
6020 MET ICPMS									
Analytical Method: EPA 6020 Preparation Method: EPA 3010 Pace Analytical Services - Green Bay									
Iron	1.4	mg/L	0.25	0.058	1	12/17/20 05:33	12/18/20 01:40	7439-89-6	
Manganese	0.16	mg/L	0.0040	0.0012	1	12/17/20 05:33	12/18/20 01:40	7439-96-5	
6020 MET ICPMS, Dissolved									
Analytical Method: EPA 6020 Preparation Method: EPA 3010 Pace Analytical Services - Green Bay									
Barium, Dissolved	0.12	mg/L	0.0023	0.00070	1	12/17/20 05:50	12/19/20 10:01	7440-39-3	
Chromium, Dissolved	<0.0010	mg/L	0.0034	0.0010	1	12/17/20 05:50	12/19/20 10:01	7440-47-3	
Iron, Dissolved	1.1	mg/L	0.25	0.058	1	12/17/20 05:50	12/19/20 10:01	7439-89-6	
Lead, Dissolved	<0.00024	mg/L	0.0010	0.00024	1	12/17/20 05:50	12/19/20 10:01	7439-92-1	
Manganese, Dissolved	0.16	mg/L	0.0040	0.0012	1	12/17/20 05:50	12/19/20 10:01	7439-96-5	
Nickel, Dissolved	0.0052	mg/L	0.0010	0.00028	1	12/17/20 05:50	12/19/20 10:01	7440-02-0	
8260 MSV									
Analytical Method: EPA 8260 Pace Analytical Services - Green Bay									
Benzene	<0.25	ug/L	1.0	0.25	1		12/17/20 16:37	71-43-2	
Bromobenzene	<0.24	ug/L	1.0	0.24	1		12/17/20 16:37	108-86-1	
Bromochloromethane	<0.36	ug/L	5.0	0.36	1		12/17/20 16:37	74-97-5	
Bromodichloromethane	<0.36	ug/L	1.2	0.36	1		12/17/20 16:37	75-27-4	
Bromoform	<4.0	ug/L	13.2	4.0	1		12/17/20 16:37	75-25-2	
Bromomethane	<0.97	ug/L	5.0	0.97	1		12/17/20 16:37	74-83-9	
n-Butylbenzene	<0.71	ug/L	2.4	0.71	1		12/17/20 16:37	104-51-8	
sec-Butylbenzene	<0.85	ug/L	5.0	0.85	1		12/17/20 16:37	135-98-8	
tert-Butylbenzene	<0.30	ug/L	1.0	0.30	1		12/17/20 16:37	98-06-6	
Carbon tetrachloride	<1.1	ug/L	3.6	1.1	1		12/17/20 16:37	56-23-5	
Chlorobenzene	<0.71	ug/L	2.4	0.71	1		12/17/20 16:37	108-90-7	
Chloroethane	<1.3	ug/L	5.0	1.3	1		12/17/20 16:37	75-00-3	
Chloroform	<1.3	ug/L	5.0	1.3	1		12/17/20 16:37	67-66-3	
Chloromethane	<2.2	ug/L	7.3	2.2	1		12/17/20 16:37	74-87-3	
2-Chlorotoluene	<0.93	ug/L	5.0	0.93	1		12/17/20 16:37	95-49-8	
4-Chlorotoluene	<0.76	ug/L	2.5	0.76	1		12/17/20 16:37	106-43-4	
1,2-Dibromo-3-chloropropane	<1.8	ug/L	5.9	1.8	1		12/17/20 16:37	96-12-8	
Dibromochloromethane	<2.6	ug/L	8.7	2.6	1		12/17/20 16:37	124-48-1	
1,2-Dibromoethane (EDB)	<0.83	ug/L	2.8	0.83	1		12/17/20 16:37	106-93-4	
Dibromomethane	<0.94	ug/L	3.1	0.94	1		12/17/20 16:37	74-95-3	
1,2-Dichlorobenzene	<0.71	ug/L	2.4	0.71	1		12/17/20 16:37	95-50-1	
1,3-Dichlorobenzene	<0.63	ug/L	2.1	0.63	1		12/17/20 16:37	541-73-1	
1,4-Dichlorobenzene	<0.94	ug/L	3.1	0.94	1		12/17/20 16:37	106-46-7	
Dichlorodifluoromethane	<0.50	ug/L	5.0	0.50	1		12/17/20 16:37	75-71-8	
1,1-Dichloroethane	<0.27	ug/L	1.0	0.27	1		12/17/20 16:37	75-34-3	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 60646104 KEP
Pace Project No.: 40219951

Sample: MW-2114 **Lab ID: 40219951005** Collected: 12/14/20 13:40 Received: 12/16/20 12:00 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-Dichloroethane	<0.28	ug/L	1.0	0.28	1		12/17/20 16:37	107-06-2	
1,1-Dichloroethane	<0.24	ug/L	1.0	0.24	1		12/17/20 16:37	75-35-4	
cis-1,2-Dichloroethene	7.6	ug/L	1.0	0.27	1		12/17/20 16:37	156-59-2	
trans-1,2-Dichloroethene	0.51J	ug/L	1.5	0.46	1		12/17/20 16:37	156-60-5	
1,2-Dichloropropane	<0.28	ug/L	1.0	0.28	1		12/17/20 16:37	78-87-5	
1,3-Dichloropropane	<0.83	ug/L	2.8	0.83	1		12/17/20 16:37	142-28-9	
2,2-Dichloropropane	<2.3	ug/L	7.6	2.3	1		12/17/20 16:37	594-20-7	
1,1-Dichloropropene	<0.54	ug/L	1.8	0.54	1		12/17/20 16:37	563-58-6	
cis-1,3-Dichloropropene	<3.6	ug/L	12.1	3.6	1		12/17/20 16:37	10061-01-5	
trans-1,3-Dichloropropene	<4.4	ug/L	14.6	4.4	1		12/17/20 16:37	10061-02-6	
Diisopropyl ether	<1.9	ug/L	6.3	1.9	1		12/17/20 16:37	108-20-3	
Ethylbenzene	<0.32	ug/L	1.1	0.32	1		12/17/20 16:37	100-41-4	
Hexachloro-1,3-butadiene	<1.5	ug/L	4.9	1.5	1		12/17/20 16:37	87-68-3	
Isopropylbenzene (Cumene)	<1.7	ug/L	5.6	1.7	1		12/17/20 16:37	98-82-8	
p-Isopropyltoluene	<0.80	ug/L	2.7	0.80	1		12/17/20 16:37	99-87-6	
Methylene Chloride	<0.58	ug/L	5.0	0.58	1		12/17/20 16:37	75-09-2	
Methyl-tert-butyl ether	<1.2	ug/L	4.2	1.2	1		12/17/20 16:37	1634-04-4	
Naphthalene	<1.2	ug/L	5.0	1.2	1		12/17/20 16:37	91-20-3	
n-Propylbenzene	<0.81	ug/L	5.0	0.81	1		12/17/20 16:37	103-65-1	
Styrene	<3.0	ug/L	10.0	3.0	1		12/17/20 16:37	100-42-5	
1,1,1,2-Tetrachloroethane	<0.27	ug/L	1.0	0.27	1		12/17/20 16:37	630-20-6	
1,1,1,2,2-Tetrachloroethane	<0.28	ug/L	1.0	0.28	1		12/17/20 16:37	79-34-5	
Tetrachloroethene	<0.33	ug/L	1.1	0.33	1		12/17/20 16:37	127-18-4	
Toluene	<0.27	ug/L	1.0	0.27	1		12/17/20 16:37	108-88-3	
1,2,3-Trichlorobenzene	<2.2	ug/L	7.4	2.2	1		12/17/20 16:37	87-61-6	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		12/17/20 16:37	120-82-1	
1,1,1-Trichloroethane	<0.24	ug/L	1.0	0.24	1		12/17/20 16:37	71-55-6	
1,1,2-Trichloroethane	<0.55	ug/L	5.0	0.55	1		12/17/20 16:37	79-00-5	
Trichloroethene	<0.26	ug/L	1.0	0.26	1		12/17/20 16:37	79-01-6	
Trichlorofluoromethane	<0.21	ug/L	1.0	0.21	1		12/17/20 16:37	75-69-4	
1,2,3-Trichloropropane	<0.59	ug/L	5.0	0.59	1		12/17/20 16:37	96-18-4	
1,2,4-Trimethylbenzene	<0.84	ug/L	2.8	0.84	1		12/17/20 16:37	95-63-6	
1,3,5-Trimethylbenzene	<0.87	ug/L	2.9	0.87	1		12/17/20 16:37	108-67-8	
Vinyl chloride	4.7	ug/L	1.0	0.17	1		12/17/20 16:37	75-01-4	
Xylene (Total)	<1.5	ug/L	3.0	1.5	1		12/17/20 16:37	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	93	%	70-130		1		12/17/20 16:37	460-00-4	
Dibromofluoromethane (S)	97	%	70-130		1		12/17/20 16:37	1868-53-7	
Toluene-d8 (S)	96	%	70-130		1		12/17/20 16:37	2037-26-5	
4500S2F Sulfide, Iodometric									
Analytical Method: SM 4500-S F (2000)									
Pace Analytical Services - Green Bay									
Sulfide	<1.2	mg/L	4.0	1.2	1		12/17/20 16:15		

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ANALYTICAL RESULTS

Project: 60646104 KEP

Pace Project No.: 40219951

Sample: MW-2114 **Lab ID: 40219951005** Collected: 12/14/20 13:40 Received: 12/16/20 12:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
300.0 IC Anions									
Analytical Method: EPA 300.0									
Pace Analytical Services - Green Bay									
Chloride	60.5	mg/L	10.0	2.2	5		12/21/20 13:53	16887-00-6	
Sulfate	31.8	mg/L	2.0	0.44	1		12/18/20 17:35	14808-79-8	
310.2 Alkalinity									
Analytical Method: EPA 310.2									
Pace Analytical Services - Green Bay									
Alkalinity, Total as CaCO ₃	412	mg/L	24.8	7.4	1		12/23/20 13:08		
410.4 COD									
Analytical Method: EPA 410.4 Preparation Method: EPA 410.4									
Pace Analytical Services - Green Bay									
Chemical Oxygen Demand	91.1	mg/L	50.0	14.7	1	12/22/20 17:02	12/22/20 20:48		
5310C TOC									
Analytical Method: SM 5310C									
Pace Analytical Services - Green Bay									
Total Organic Carbon	22.8	mg/L	15.0	4.2	30		12/18/20 02:46	7440-44-0	

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ANALYTICAL RESULTS

Project: 60646104 KEP
Pace Project No.: 40219951

Sample: MW-2106 **Lab ID: 40219951006** Collected: 12/14/20 14:45 Received: 12/16/20 12:00 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	7.9	ug/L	5.6	1.2	1		12/21/20 09:57	74-84-0	
Ethene	179	ug/L	5.0	1.2	1		12/21/20 09:57	74-85-1	
Methane	1010	ug/L	14.0	3.3	5		12/21/20 12:55	74-82-8	
6020 MET ICPMS									
Analytical Method: EPA 6020 Preparation Method: EPA 3010 Pace Analytical Services - Green Bay									
Iron	2.3	mg/L	0.25	0.058	1	12/17/20 05:33	12/18/20 01:47	7439-89-6	
Manganese	0.29	mg/L	0.0040	0.0012	1	12/17/20 05:33	12/18/20 01:47	7439-96-5	
6020 MET ICPMS, Dissolved									
Analytical Method: EPA 6020 Preparation Method: EPA 3010 Pace Analytical Services - Green Bay									
Barium, Dissolved	0.20	mg/L	0.0023	0.00070	1	12/17/20 05:50	12/19/20 10:08	7440-39-3	
Chromium, Dissolved	<0.0010	mg/L	0.0034	0.0010	1	12/17/20 05:50	12/19/20 10:08	7440-47-3	
Iron, Dissolved	2.1	mg/L	0.25	0.058	1	12/17/20 05:50	12/19/20 10:08	7439-89-6	
Lead, Dissolved	<0.00024	mg/L	0.0010	0.00024	1	12/17/20 05:50	12/19/20 10:08	7439-92-1	
Manganese, Dissolved	0.29	mg/L	0.0040	0.0012	1	12/17/20 05:50	12/19/20 10:08	7439-96-5	
Nickel, Dissolved	0.0034	mg/L	0.0010	0.00028	1	12/17/20 05:50	12/19/20 10:08	7440-02-0	
8260 MSV									
Analytical Method: EPA 8260 Pace Analytical Services - Green Bay									
Benzene	<4.9	ug/L	20.0	4.9	20		12/17/20 17:22	71-43-2	
Bromobenzene	<4.8	ug/L	20.0	4.8	20		12/17/20 17:22	108-86-1	
Bromochloromethane	<7.2	ug/L	100	7.2	20		12/17/20 17:22	74-97-5	
Bromodichloromethane	<7.3	ug/L	24.2	7.3	20		12/17/20 17:22	75-27-4	
Bromoform	<79.4	ug/L	265	79.4	20		12/17/20 17:22	75-25-2	
Bromomethane	<19.4	ug/L	100	19.4	20		12/17/20 17:22	74-83-9	
n-Butylbenzene	<14.2	ug/L	47.2	14.2	20		12/17/20 17:22	104-51-8	
sec-Butylbenzene	<17.0	ug/L	100	17.0	20		12/17/20 17:22	135-98-8	
tert-Butylbenzene	<6.1	ug/L	20.3	6.1	20		12/17/20 17:22	98-06-6	
Carbon tetrachloride	<21.5	ug/L	71.8	21.5	20		12/17/20 17:22	56-23-5	
Chlorobenzene	<14.2	ug/L	47.4	14.2	20		12/17/20 17:22	108-90-7	
Chloroethane	27.6J	ug/L	100	26.8	20		12/17/20 17:22	75-00-3	
Chloroform	<25.5	ug/L	100	25.5	20		12/17/20 17:22	67-66-3	
Chloromethane	<43.8	ug/L	146	43.8	20		12/17/20 17:22	74-87-3	
2-Chlorotoluene	<18.5	ug/L	100	18.5	20		12/17/20 17:22	95-49-8	
4-Chlorotoluene	<15.1	ug/L	50.4	15.1	20		12/17/20 17:22	106-43-4	
1,2-Dibromo-3-chloropropane	<35.3	ug/L	118	35.3	20		12/17/20 17:22	96-12-8	
Dibromochloromethane	<52.0	ug/L	173	52.0	20		12/17/20 17:22	124-48-1	
1,2-Dibromoethane (EDB)	<16.6	ug/L	55.3	16.6	20		12/17/20 17:22	106-93-4	
Dibromomethane	<18.7	ug/L	62.5	18.7	20		12/17/20 17:22	74-95-3	
1,2-Dichlorobenzene	<14.1	ug/L	47.0	14.1	20		12/17/20 17:22	95-50-1	
1,3-Dichlorobenzene	<12.6	ug/L	41.9	12.6	20		12/17/20 17:22	541-73-1	
1,4-Dichlorobenzene	<18.9	ug/L	62.9	18.9	20		12/17/20 17:22	106-46-7	
Dichlorodifluoromethane	<10	ug/L	100	10	20		12/17/20 17:22	75-71-8	
1,1-Dichloroethane	<5.5	ug/L	20.0	5.5	20		12/17/20 17:22	75-34-3	

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ANALYTICAL RESULTS

Project: 60646104 KEP
Pace Project No.: 40219951

Sample: MW-2106 **Lab ID: 40219951006** Collected: 12/14/20 14:45 Received: 12/16/20 12:00 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-Dichloroethane	<5.6	ug/L	20.0	5.6	20		12/17/20 17:22	107-06-2	
1,1-Dichloroethene	<4.9	ug/L	20.0	4.9	20		12/17/20 17:22	75-35-4	
cis-1,2-Dichloroethene	237	ug/L	20.0	5.4	20		12/17/20 17:22	156-59-2	
trans-1,2-Dichloroethene	<9.3	ug/L	30.9	9.3	20		12/17/20 17:22	156-60-5	
1,2-Dichloropropane	<5.7	ug/L	20.0	5.7	20		12/17/20 17:22	78-87-5	
1,3-Dichloropropane	<16.5	ug/L	55.1	16.5	20		12/17/20 17:22	142-28-9	
2,2-Dichloropropane	<45.3	ug/L	151	45.3	20		12/17/20 17:22	594-20-7	
1,1-Dichloropropene	<10.8	ug/L	36.0	10.8	20		12/17/20 17:22	563-58-6	
cis-1,3-Dichloropropene	<72.6	ug/L	242	72.6	20		12/17/20 17:22	10061-01-5	
trans-1,3-Dichloropropene	<87.4	ug/L	291	87.4	20		12/17/20 17:22	10061-02-6	
Diisopropyl ether	<37.8	ug/L	126	37.8	20		12/17/20 17:22	108-20-3	
Ethylbenzene	<6.4	ug/L	21.2	6.4	20		12/17/20 17:22	100-41-4	
Hexachloro-1,3-butadiene	<29.3	ug/L	97.6	29.3	20		12/17/20 17:22	87-68-3	
Isopropylbenzene (Cumene)	<33.7	ug/L	112	33.7	20		12/17/20 17:22	98-82-8	
p-Isopropyltoluene	<16.0	ug/L	53.3	16.0	20		12/17/20 17:22	99-87-6	
Methylene Chloride	<11.6	ug/L	100	11.6	20		12/17/20 17:22	75-09-2	
Methyl-tert-butyl ether	<24.9	ug/L	83.1	24.9	20		12/17/20 17:22	1634-04-4	
Naphthalene	<23.5	ug/L	100	23.5	20		12/17/20 17:22	91-20-3	
n-Propylbenzene	<16.2	ug/L	100	16.2	20		12/17/20 17:22	103-65-1	
Styrene	<60.2	ug/L	201	60.2	20		12/17/20 17:22	100-42-5	
1,1,1,2-Tetrachloroethane	<5.4	ug/L	20.0	5.4	20		12/17/20 17:22	630-20-6	
1,1,2,2-Tetrachloroethane	<5.5	ug/L	20.0	5.5	20		12/17/20 17:22	79-34-5	
Tetrachloroethene	<6.5	ug/L	21.8	6.5	20		12/17/20 17:22	127-18-4	
Toluene	<5.4	ug/L	20.0	5.4	20		12/17/20 17:22	108-88-3	
1,2,3-Trichlorobenzene	<44.2	ug/L	147	44.2	20		12/17/20 17:22	87-61-6	
1,2,4-Trichlorobenzene	<19.0	ug/L	100	19.0	20		12/17/20 17:22	120-82-1	
1,1,1-Trichloroethane	<4.9	ug/L	20.0	4.9	20		12/17/20 17:22	71-55-6	
1,1,2-Trichloroethane	<11.0	ug/L	100	11.0	20		12/17/20 17:22	79-00-5	
Trichloroethene	<5.1	ug/L	20.0	5.1	20		12/17/20 17:22	79-01-6	
Trichlorofluoromethane	<4.3	ug/L	20.0	4.3	20		12/17/20 17:22	75-69-4	
1,2,3-Trichloropropane	<11.8	ug/L	100	11.8	20		12/17/20 17:22	96-18-4	
1,2,4-Trimethylbenzene	<16.8	ug/L	56.0	16.8	20		12/17/20 17:22	95-63-6	
1,3,5-Trimethylbenzene	<17.5	ug/L	58.2	17.5	20		12/17/20 17:22	108-67-8	
Vinyl chloride	1630	ug/L	20.0	3.5	20		12/17/20 17:22	75-01-4	
Xylene (Total)	<30.0	ug/L	60.0	30.0	20		12/17/20 17:22	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	95	%	70-130		20		12/17/20 17:22	460-00-4	
Dibromofluoromethane (S)	99	%	70-130		20		12/17/20 17:22	1868-53-7	
Toluene-d8 (S)	95	%	70-130		20		12/17/20 17:22	2037-26-5	

4500S2F Sulfide, Iodometric

Analytical Method: SM 4500-S F (2000)
Pace Analytical Services - Green Bay

Sulfide	<1.2	mg/L	4.0	1.2	1		12/17/20 16:17		
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ANALYTICAL RESULTS

Project: 60646104 KEP
Pace Project No.: 40219951

Sample: MW-2106 **Lab ID: 40219951006** Collected: 12/14/20 14:45 Received: 12/16/20 12:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
300.0 IC Anions									
Analytical Method: EPA 300.0 Pace Analytical Services - Green Bay									
Chloride	40.3	mg/L	2.0	0.43	1		12/18/20 17:50	16887-00-6	
Sulfate	187	mg/L	20.0	4.4	10		12/21/20 14:07	14808-79-8	
310.2 Alkalinity									
Analytical Method: EPA 310.2 Pace Analytical Services - Green Bay									
Alkalinity, Total as CaCO ₃	612	mg/L	49.6	14.9	2		12/23/20 14:24		
410.4 COD									
Analytical Method: EPA 410.4 Preparation Method: EPA 410.4 Pace Analytical Services - Green Bay									
Chemical Oxygen Demand	219	mg/L	50.0	14.7	1	12/22/20 17:02	12/22/20 20:48		
5310C TOC									
Analytical Method: SM 5310C Pace Analytical Services - Green Bay									
Total Organic Carbon	59.7	mg/L	30.0	8.3	60		12/18/20 03:00	7440-44-0	

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ANALYTICAL RESULTS

Project: 60646104 KEP
Pace Project No.: 40219951

Sample: PZ-2113 **Lab ID: 40219951007** Collected: 12/14/20 10:10 Received: 12/16/20 12:00 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	<1.2	ug/L	5.6	1.2	1		12/21/20 10:04	74-84-0	
Ethene	2.3J	ug/L	5.0	1.2	1		12/21/20 10:04	74-85-1	
Methane	84.0	ug/L	2.8	0.66	1		12/21/20 10:04	74-82-8	
6020 MET ICPMS									
Analytical Method: EPA 6020 Preparation Method: EPA 3010 Pace Analytical Services - Green Bay									
Iron	<0.058	mg/L	0.25	0.058	1	12/17/20 05:33	12/18/20 01:54	7439-89-6	
Manganese	0.15	mg/L	0.0040	0.0012	1	12/17/20 05:33	12/18/20 01:54	7439-96-5	
6020 MET ICPMS, Dissolved									
Analytical Method: EPA 6020 Preparation Method: EPA 3010 Pace Analytical Services - Green Bay									
Barium, Dissolved	0.12	mg/L	0.0023	0.00070	1	12/17/20 05:50	12/19/20 10:14	7440-39-3	
Chromium, Dissolved	<0.0010	mg/L	0.0034	0.0010	1	12/17/20 05:50	12/19/20 10:14	7440-47-3	
Iron, Dissolved	<0.058	mg/L	0.25	0.058	1	12/17/20 05:50	12/19/20 10:14	7439-89-6	
Lead, Dissolved	<0.00024	mg/L	0.0010	0.00024	1	12/17/20 05:50	12/19/20 10:14	7439-92-1	
Manganese, Dissolved	0.16	mg/L	0.0040	0.0012	1	12/17/20 05:50	12/19/20 10:14	7439-96-5	D9
Nickel, Dissolved	0.0049	mg/L	0.0010	0.00028	1	12/17/20 05:50	12/19/20 10:14	7440-02-0	
8260 MSV									
Analytical Method: EPA 8260 Pace Analytical Services - Green Bay									
Benzene	<24.6	ug/L	100	24.6	100		12/17/20 10:12	71-43-2	
Bromobenzene	<24.1	ug/L	100	24.1	100		12/17/20 10:12	108-86-1	
Bromochloromethane	<36.2	ug/L	500	36.2	100		12/17/20 10:12	74-97-5	
Bromodichloromethane	<36.4	ug/L	121	36.4	100		12/17/20 10:12	75-27-4	
Bromoform	<397	ug/L	1320	397	100		12/17/20 10:12	75-25-2	
Bromomethane	<97.1	ug/L	500	97.1	100		12/17/20 10:12	74-83-9	M1
n-Butylbenzene	<70.8	ug/L	236	70.8	100		12/17/20 10:12	104-51-8	
sec-Butylbenzene	<84.9	ug/L	500	84.9	100		12/17/20 10:12	135-98-8	
tert-Butylbenzene	<30.4	ug/L	101	30.4	100		12/17/20 10:12	98-06-6	
Carbon tetrachloride	<108	ug/L	359	108	100		12/17/20 10:12	56-23-5	
Chlorobenzene	<71.1	ug/L	237	71.1	100		12/17/20 10:12	108-90-7	
Chloroethane	<134	ug/L	500	134	100		12/17/20 10:12	75-00-3	
Chloroform	<127	ug/L	500	127	100		12/17/20 10:12	67-66-3	
Chloromethane	<219	ug/L	730	219	100		12/17/20 10:12	74-87-3	M1
2-Chlorotoluene	<92.6	ug/L	500	92.6	100		12/17/20 10:12	95-49-8	
4-Chlorotoluene	<75.6	ug/L	252	75.6	100		12/17/20 10:12	106-43-4	
1,2-Dibromo-3-chloropropane	<176	ug/L	588	176	100		12/17/20 10:12	96-12-8	
Dibromochloromethane	<260	ug/L	867	260	100		12/17/20 10:12	124-48-1	
1,2-Dibromoethane (EDB)	<82.9	ug/L	276	82.9	100		12/17/20 10:12	106-93-4	
Dibromomethane	<93.7	ug/L	312	93.7	100		12/17/20 10:12	74-95-3	
1,2-Dichlorobenzene	<70.5	ug/L	235	70.5	100		12/17/20 10:12	95-50-1	
1,3-Dichlorobenzene	<62.8	ug/L	209	62.8	100		12/17/20 10:12	541-73-1	
1,4-Dichlorobenzene	<94.4	ug/L	315	94.4	100		12/17/20 10:12	106-46-7	
Dichlorodifluoromethane	<50.0	ug/L	500	50.0	100		12/17/20 10:12	75-71-8	
1,1-Dichloroethane	<27.3	ug/L	100	27.3	100		12/17/20 10:12	75-34-3	

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ANALYTICAL RESULTS

Project: 60646104 KEP

Pace Project No.: 40219951

Sample: **PZ-2113** Lab ID: **40219951007** Collected: 12/14/20 10:10 Received: 12/16/20 12:00 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-Dichloroethane	<28.0	ug/L	100	28.0	100		12/17/20 10:12	107-06-2	
1,1-Dichloroethene	<24.5	ug/L	100	24.5	100		12/17/20 10:12	75-35-4	
cis-1,2-Dichloroethene	16000	ug/L	100	27.1	100		12/17/20 10:12	156-59-2	M1
trans-1,2-Dichloroethene	1760	ug/L	155	46.4	100		12/17/20 10:12	156-60-5	M1
1,2-Dichloropropane	<28.3	ug/L	100	28.3	100		12/17/20 10:12	78-87-5	
1,3-Dichloropropane	<82.6	ug/L	275	82.6	100		12/17/20 10:12	142-28-9	
2,2-Dichloropropane	<227	ug/L	755	227	100		12/17/20 10:12	594-20-7	
1,1-Dichloropropene	<54.0	ug/L	180	54.0	100		12/17/20 10:12	563-58-6	
cis-1,3-Dichloropropene	<363	ug/L	1210	363	100		12/17/20 10:12	10061-01-5	
trans-1,3-Dichloropropene	<437	ug/L	1460	437	100		12/17/20 10:12	10061-02-6	
Diisopropyl ether	<189	ug/L	629	189	100		12/17/20 10:12	108-20-3	
Ethylbenzene	<31.9	ug/L	106	31.9	100		12/17/20 10:12	100-41-4	
Hexachloro-1,3-butadiene	<146	ug/L	488	146	100		12/17/20 10:12	87-68-3	
Isopropylbenzene (Cumene)	<169	ug/L	562	169	100		12/17/20 10:12	98-82-8	
p-Isopropyltoluene	<80.0	ug/L	267	80.0	100		12/17/20 10:12	99-87-6	
Methylene Chloride	<58.1	ug/L	500	58.1	100		12/17/20 10:12	75-09-2	
Methyl-tert-butyl ether	<125	ug/L	415	125	100		12/17/20 10:12	1634-04-4	
Naphthalene	<118	ug/L	500	118	100		12/17/20 10:12	91-20-3	
n-Propylbenzene	<81.1	ug/L	500	81.1	100		12/17/20 10:12	103-65-1	
Styrene	<301	ug/L	1000	301	100		12/17/20 10:12	100-42-5	
1,1,1,2-Tetrachloroethane	<26.9	ug/L	100	26.9	100		12/17/20 10:12	630-20-6	
1,1,2,2-Tetrachloroethane	<27.5	ug/L	100	27.5	100		12/17/20 10:12	79-34-5	
Tetrachloroethene	<32.6	ug/L	109	32.6	100		12/17/20 10:12	127-18-4	
Toluene	<26.9	ug/L	100	26.9	100		12/17/20 10:12	108-88-3	
1,2,3-Trichlorobenzene	<221	ug/L	737	221	100		12/17/20 10:12	87-61-6	
1,2,4-Trichlorobenzene	<95.1	ug/L	500	95.1	100		12/17/20 10:12	120-82-1	
1,1,1-Trichloroethane	<24.5	ug/L	100	24.5	100		12/17/20 10:12	71-55-6	
1,1,2-Trichloroethane	<55.2	ug/L	500	55.2	100		12/17/20 10:12	79-00-5	
Trichloroethene	5060	ug/L	100	25.5	100		12/17/20 10:12	79-01-6	M1
Trichlorofluoromethane	<21.5	ug/L	100	21.5	100		12/17/20 10:12	75-69-4	
1,2,3-Trichloropropane	<59.1	ug/L	500	59.1	100		12/17/20 10:12	96-18-4	
1,2,4-Trimethylbenzene	<84.1	ug/L	280	84.1	100		12/17/20 10:12	95-63-6	
1,3,5-Trimethylbenzene	<87.3	ug/L	291	87.3	100		12/17/20 10:12	108-67-8	
Vinyl chloride	286	ug/L	100	17.5	100		12/17/20 10:12	75-01-4	M1
Xylene (Total)	<150	ug/L	300	150	100		12/17/20 10:12	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	93	%	70-130		100		12/17/20 10:12	460-00-4	
Dibromofluoromethane (S)	94	%	70-130		100		12/17/20 10:12	1868-53-7	
Toluene-d8 (S)	97	%	70-130		100		12/17/20 10:12	2037-26-5	
4500S2F Sulfide, Iodometric									
Analytical Method: SM 4500-S F (2000)									
Pace Analytical Services - Green Bay									
Sulfide	<1.2	mg/L	4.0	1.2	1		12/17/20 16:21		

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ANALYTICAL RESULTS

Project: 60646104 KEP

Pace Project No.: 40219951

Sample: PZ-2113 **Lab ID: 40219951007** Collected: 12/14/20 10:10 Received: 12/16/20 12:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
300.0 IC Anions									
Analytical Method: EPA 300.0 Pace Analytical Services - Green Bay									
Chloride	262	mg/L	20.0	4.3	10		12/21/20 14:22	16887-00-6	
Sulfate	322	mg/L	20.0	4.4	10		12/21/20 14:22	14808-79-8	
310.2 Alkalinity									
Analytical Method: EPA 310.2 Pace Analytical Services - Green Bay									
Alkalinity, Total as CaCO ₃	320	mg/L	24.8	7.4	1		12/23/20 13:11		
410.4 COD									
Analytical Method: EPA 410.4 Preparation Method: EPA 410.4 Pace Analytical Services - Green Bay									
Chemical Oxygen Demand	23.7J	mg/L	50.0	14.7	1	12/22/20 17:02	12/22/20 20:48		
5310C TOC									
Analytical Method: SM 5310C Pace Analytical Services - Green Bay									
Total Organic Carbon	4.5	mg/L	0.50	0.14	1		12/18/20 03:16	7440-44-0	

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ANALYTICAL RESULTS

Project: 60646104 KEP
Pace Project No.: 40219951

Sample: MW-2113 **Lab ID: 40219951008** Collected: 12/14/20 11:10 Received: 12/16/20 12:00 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	3.7J	ug/L	5.6	1.2	1		12/21/20 10:11	74-84-0	
Ethene	26.1	ug/L	5.0	1.2	1		12/21/20 10:11	74-85-1	
Methane	570	ug/L	14.0	3.3	5		12/21/20 13:02	74-82-8	
6020 MET ICPMS									
Analytical Method: EPA 6020 Preparation Method: EPA 3010 Pace Analytical Services - Green Bay									
Iron	4.9	mg/L	0.25	0.058	1	12/17/20 05:33	12/18/20 02:00	7439-89-6	
Manganese	0.20	mg/L	0.0040	0.0012	1	12/17/20 05:33	12/18/20 02:00	7439-96-5	
6020 MET ICPMS, Dissolved									
Analytical Method: EPA 6020 Preparation Method: EPA 3010 Pace Analytical Services - Green Bay									
Barium, Dissolved	0.069	mg/L	0.0023	0.00070	1	12/17/20 05:50	12/19/20 10:21	7440-39-3	
Chromium, Dissolved	<0.0010	mg/L	0.0034	0.0010	1	12/17/20 05:50	12/19/20 10:21	7440-47-3	
Iron, Dissolved	4.9	mg/L	0.25	0.058	1	12/17/20 05:50	12/19/20 10:21	7439-89-6	
Lead, Dissolved	<0.00024	mg/L	0.0010	0.00024	1	12/17/20 05:50	12/19/20 10:21	7439-92-1	
Manganese, Dissolved	0.18	mg/L	0.0040	0.0012	1	12/17/20 05:50	12/19/20 10:21	7439-96-5	
Nickel, Dissolved	0.0034	mg/L	0.0010	0.00028	1	12/17/20 05:50	12/19/20 10:21	7440-02-0	
8260 MSV									
Analytical Method: EPA 8260 Pace Analytical Services - Green Bay									
Benzene	<0.25	ug/L	1.0	0.25	1		12/17/20 13:37	71-43-2	
Bromobenzene	<0.24	ug/L	1.0	0.24	1		12/17/20 13:37	108-86-1	
Bromochloromethane	<0.36	ug/L	5.0	0.36	1		12/17/20 13:37	74-97-5	
Bromodichloromethane	<0.36	ug/L	1.2	0.36	1		12/17/20 13:37	75-27-4	
Bromoform	<4.0	ug/L	13.2	4.0	1		12/17/20 13:37	75-25-2	
Bromomethane	<0.97	ug/L	5.0	0.97	1		12/17/20 13:37	74-83-9	
n-Butylbenzene	<0.71	ug/L	2.4	0.71	1		12/17/20 13:37	104-51-8	
sec-Butylbenzene	<0.85	ug/L	5.0	0.85	1		12/17/20 13:37	135-98-8	
tert-Butylbenzene	<0.30	ug/L	1.0	0.30	1		12/17/20 13:37	98-06-6	
Carbon tetrachloride	<1.1	ug/L	3.6	1.1	1		12/17/20 13:37	56-23-5	
Chlorobenzene	<0.71	ug/L	2.4	0.71	1		12/17/20 13:37	108-90-7	
Chloroethane	<1.3	ug/L	5.0	1.3	1		12/17/20 13:37	75-00-3	
Chloroform	<1.3	ug/L	5.0	1.3	1		12/17/20 13:37	67-66-3	
Chloromethane	<2.2	ug/L	7.3	2.2	1		12/17/20 13:37	74-87-3	
2-Chlorotoluene	<0.93	ug/L	5.0	0.93	1		12/17/20 13:37	95-49-8	
4-Chlorotoluene	<0.76	ug/L	2.5	0.76	1		12/17/20 13:37	106-43-4	
1,2-Dibromo-3-chloropropane	<1.8	ug/L	5.9	1.8	1		12/17/20 13:37	96-12-8	
Dibromochloromethane	<2.6	ug/L	8.7	2.6	1		12/17/20 13:37	124-48-1	
1,2-Dibromoethane (EDB)	<0.83	ug/L	2.8	0.83	1		12/17/20 13:37	106-93-4	
Dibromomethane	<0.94	ug/L	3.1	0.94	1		12/17/20 13:37	74-95-3	
1,2-Dichlorobenzene	<0.71	ug/L	2.4	0.71	1		12/17/20 13:37	95-50-1	
1,3-Dichlorobenzene	<0.63	ug/L	2.1	0.63	1		12/17/20 13:37	541-73-1	
1,4-Dichlorobenzene	<0.94	ug/L	3.1	0.94	1		12/17/20 13:37	106-46-7	
Dichlorodifluoromethane	<0.50	ug/L	5.0	0.50	1		12/17/20 13:37	75-71-8	
1,1-Dichloroethane	<0.27	ug/L	1.0	0.27	1		12/17/20 13:37	75-34-3	

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ANALYTICAL RESULTS

Project: 60646104 KEP

Pace Project No.: 40219951

Sample: MW-2113 **Lab ID: 40219951008** Collected: 12/14/20 11:10 Received: 12/16/20 12:00 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-Dichloroethane	<0.28	ug/L	1.0	0.28	1		12/17/20 13:37	107-06-2	
1,1-Dichloroethane	0.51J	ug/L	1.0	0.24	1		12/17/20 13:37	75-35-4	
cis-1,2-Dichloroethene	321	ug/L	10.0	2.7	10		12/17/20 16:59	156-59-2	
trans-1,2-Dichloroethene	38.7	ug/L	1.5	0.46	1		12/17/20 13:37	156-60-5	
1,2-Dichloropropane	<0.28	ug/L	1.0	0.28	1		12/17/20 13:37	78-87-5	
1,3-Dichloropropane	<0.83	ug/L	2.8	0.83	1		12/17/20 13:37	142-28-9	
2,2-Dichloropropane	<2.3	ug/L	7.6	2.3	1		12/17/20 13:37	594-20-7	
1,1-Dichloropropene	<0.54	ug/L	1.8	0.54	1		12/17/20 13:37	563-58-6	
cis-1,3-Dichloropropene	<3.6	ug/L	12.1	3.6	1		12/17/20 13:37	10061-01-5	
trans-1,3-Dichloropropene	<4.4	ug/L	14.6	4.4	1		12/17/20 13:37	10061-02-6	
Diisopropyl ether	<1.9	ug/L	6.3	1.9	1		12/17/20 13:37	108-20-3	
Ethylbenzene	<0.32	ug/L	1.1	0.32	1		12/17/20 13:37	100-41-4	
Hexachloro-1,3-butadiene	<1.5	ug/L	4.9	1.5	1		12/17/20 13:37	87-68-3	
Isopropylbenzene (Cumene)	<1.7	ug/L	5.6	1.7	1		12/17/20 13:37	98-82-8	
p-Isopropyltoluene	<0.80	ug/L	2.7	0.80	1		12/17/20 13:37	99-87-6	
Methylene Chloride	<0.58	ug/L	5.0	0.58	1		12/17/20 13:37	75-09-2	
Methyl-tert-butyl ether	<1.2	ug/L	4.2	1.2	1		12/17/20 13:37	1634-04-4	
Naphthalene	<1.2	ug/L	5.0	1.2	1		12/17/20 13:37	91-20-3	
n-Propylbenzene	<0.81	ug/L	5.0	0.81	1		12/17/20 13:37	103-65-1	
Styrene	<3.0	ug/L	10.0	3.0	1		12/17/20 13:37	100-42-5	
1,1,1,2-Tetrachloroethane	<0.27	ug/L	1.0	0.27	1		12/17/20 13:37	630-20-6	
1,1,1,2,2-Tetrachloroethane	<0.28	ug/L	1.0	0.28	1		12/17/20 13:37	79-34-5	
Tetrachloroethene	<0.33	ug/L	1.1	0.33	1		12/17/20 13:37	127-18-4	
Toluene	<0.27	ug/L	1.0	0.27	1		12/17/20 13:37	108-88-3	
1,2,3-Trichlorobenzene	<2.2	ug/L	7.4	2.2	1		12/17/20 13:37	87-61-6	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		12/17/20 13:37	120-82-1	
1,1,1-Trichloroethane	<0.24	ug/L	1.0	0.24	1		12/17/20 13:37	71-55-6	
1,1,2-Trichloroethane	<0.55	ug/L	5.0	0.55	1		12/17/20 13:37	79-00-5	
Trichloroethene	2.9	ug/L	1.0	0.26	1		12/17/20 13:37	79-01-6	
Trichlorofluoromethane	<0.21	ug/L	1.0	0.21	1		12/17/20 13:37	75-69-4	
1,2,3-Trichloropropane	<0.59	ug/L	5.0	0.59	1		12/17/20 13:37	96-18-4	
1,2,4-Trimethylbenzene	<0.84	ug/L	2.8	0.84	1		12/17/20 13:37	95-63-6	
1,3,5-Trimethylbenzene	<0.87	ug/L	2.9	0.87	1		12/17/20 13:37	108-67-8	
Vinyl chloride	706	ug/L	10.0	1.7	10		12/17/20 16:59	75-01-4	
Xylene (Total)	<1.5	ug/L	3.0	1.5	1		12/17/20 13:37	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	94	%	70-130		1		12/17/20 13:37	460-00-4	
Dibromofluoromethane (S)	97	%	70-130		1		12/17/20 13:37	1868-53-7	
Toluene-d8 (S)	96	%	70-130		1		12/17/20 13:37	2037-26-5	
4500S2F Sulfide, Iodometric									
Analytical Method: SM 4500-S F (2000)									
Pace Analytical Services - Green Bay									
Sulfide	<1.2	mg/L	4.0	1.2	1		12/17/20 16:23		

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ANALYTICAL RESULTS

Project: 60646104 KEP
Pace Project No.: 40219951

Sample: MW-2113 **Lab ID: 40219951008** Collected: 12/14/20 11:10 Received: 12/16/20 12:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
300.0 IC Anions									
Analytical Method: EPA 300.0 Pace Analytical Services - Green Bay									
Chloride	32.6	mg/L	2.0	0.43	1		12/18/20 18:18	16887-00-6	
Sulfate	308	mg/L	20.0	4.4	10		12/21/20 14:36	14808-79-8	
310.2 Alkalinity									
Analytical Method: EPA 310.2 Pace Analytical Services - Green Bay									
Alkalinity, Total as CaCO ₃	380	mg/L	24.8	7.4	1		12/23/20 13:12		
410.4 COD									
Analytical Method: EPA 410.4 Preparation Method: EPA 410.4 Pace Analytical Services - Green Bay									
Chemical Oxygen Demand	59.7	mg/L	50.0	14.7	1	12/22/20 17:02	12/22/20 20:48		
5310C TOC									
Analytical Method: SM 5310C Pace Analytical Services - Green Bay									
Total Organic Carbon	16.7	mg/L	15.0	4.2	30		12/18/20 03:32	7440-44-0	

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ANALYTICAL RESULTS

Project: 60646104 KEP
Pace Project No.: 40219951

Sample: PZ-2114 **Lab ID: 40219951009** Collected: 12/14/20 12:40 Received: 12/16/20 12:00 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	<1.2	ug/L	5.6	1.2	1		12/21/20 10:18	74-84-0	
Ethene	<1.2	ug/L	5.0	1.2	1		12/21/20 10:18	74-85-1	
Methane	2.5J	ug/L	2.8	0.66	1		12/21/20 10:18	74-82-8	
6020 MET ICPMS									
Analytical Method: EPA 6020 Preparation Method: EPA 3010 Pace Analytical Services - Green Bay									
Iron	<0.058	mg/L	0.25	0.058	1	12/17/20 05:33	12/18/20 02:07	7439-89-6	
Manganese	0.012	mg/L	0.0040	0.0012	1	12/17/20 05:33	12/18/20 02:07	7439-96-5	
6020 MET ICPMS, Dissolved									
Analytical Method: EPA 6020 Preparation Method: EPA 3010 Pace Analytical Services - Green Bay									
Barium, Dissolved	0.14	mg/L	0.0023	0.00070	1	12/17/20 05:50	12/19/20 10:28	7440-39-3	
Chromium, Dissolved	<0.0010	mg/L	0.0034	0.0010	1	12/17/20 05:50	12/19/20 10:28	7440-47-3	
Iron, Dissolved	<0.058	mg/L	0.25	0.058	1	12/17/20 05:50	12/19/20 10:28	7439-89-6	
Lead, Dissolved	<0.00024	mg/L	0.0010	0.00024	1	12/17/20 05:50	12/19/20 10:28	7439-92-1	
Manganese, Dissolved	0.015	mg/L	0.0040	0.0012	1	12/17/20 05:50	12/19/20 10:28	7439-96-5	D9
Nickel, Dissolved	0.0025	mg/L	0.0010	0.00028	1	12/17/20 05:50	12/19/20 10:28	7440-02-0	
8260 MSV									
Analytical Method: EPA 8260 Pace Analytical Services - Green Bay									
Benzene	<0.25	ug/L	1.0	0.25	1		12/18/20 10:56	71-43-2	
Bromobenzene	<0.24	ug/L	1.0	0.24	1		12/18/20 10:56	108-86-1	
Bromochloromethane	<0.36	ug/L	5.0	0.36	1		12/18/20 10:56	74-97-5	
Bromodichloromethane	<0.36	ug/L	1.2	0.36	1		12/18/20 10:56	75-27-4	
Bromoform	<4.0	ug/L	13.2	4.0	1		12/18/20 10:56	75-25-2	
Bromomethane	<0.97	ug/L	5.0	0.97	1		12/18/20 10:56	74-83-9	
n-Butylbenzene	<0.71	ug/L	2.4	0.71	1		12/18/20 10:56	104-51-8	
sec-Butylbenzene	<0.85	ug/L	5.0	0.85	1		12/18/20 10:56	135-98-8	
tert-Butylbenzene	<0.30	ug/L	1.0	0.30	1		12/18/20 10:56	98-06-6	
Carbon tetrachloride	<1.1	ug/L	3.6	1.1	1		12/18/20 10:56	56-23-5	
Chlorobenzene	<0.71	ug/L	2.4	0.71	1		12/18/20 10:56	108-90-7	
Chloroethane	<1.3	ug/L	5.0	1.3	1		12/18/20 10:56	75-00-3	
Chloroform	<1.3	ug/L	5.0	1.3	1		12/18/20 10:56	67-66-3	
Chloromethane	<2.2	ug/L	7.3	2.2	1		12/18/20 10:56	74-87-3	
2-Chlorotoluene	<0.93	ug/L	5.0	0.93	1		12/18/20 10:56	95-49-8	
4-Chlorotoluene	<0.76	ug/L	2.5	0.76	1		12/18/20 10:56	106-43-4	
1,2-Dibromo-3-chloropropane	<1.8	ug/L	5.9	1.8	1		12/18/20 10:56	96-12-8	
Dibromochloromethane	<2.6	ug/L	8.7	2.6	1		12/18/20 10:56	124-48-1	
1,2-Dibromoethane (EDB)	<0.83	ug/L	2.8	0.83	1		12/18/20 10:56	106-93-4	
Dibromomethane	<0.94	ug/L	3.1	0.94	1		12/18/20 10:56	74-95-3	
1,2-Dichlorobenzene	<0.71	ug/L	2.4	0.71	1		12/18/20 10:56	95-50-1	
1,3-Dichlorobenzene	<0.63	ug/L	2.1	0.63	1		12/18/20 10:56	541-73-1	
1,4-Dichlorobenzene	<0.94	ug/L	3.1	0.94	1		12/18/20 10:56	106-46-7	
Dichlorodifluoromethane	<0.50	ug/L	5.0	0.50	1		12/18/20 10:56	75-71-8	
1,1-Dichloroethane	<0.27	ug/L	1.0	0.27	1		12/18/20 10:56	75-34-3	

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ANALYTICAL RESULTS

Project: 60646104 KEP
Pace Project No.: 40219951

Sample: PZ-2114 **Lab ID: 40219951009** Collected: 12/14/20 12:40 Received: 12/16/20 12:00 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-Dichloroethane	<0.28	ug/L	1.0	0.28	1		12/18/20 10:56	107-06-2	
1,1-Dichloroethene	<0.24	ug/L	1.0	0.24	1		12/18/20 10:56	75-35-4	
cis-1,2-Dichloroethene	<0.27	ug/L	1.0	0.27	1		12/18/20 10:56	156-59-2	
trans-1,2-Dichloroethene	<0.46	ug/L	1.5	0.46	1		12/18/20 10:56	156-60-5	
1,2-Dichloropropane	<0.28	ug/L	1.0	0.28	1		12/18/20 10:56	78-87-5	
1,3-Dichloropropane	<0.83	ug/L	2.8	0.83	1		12/18/20 10:56	142-28-9	
2,2-Dichloropropane	<2.3	ug/L	7.6	2.3	1		12/18/20 10:56	594-20-7	
1,1-Dichloropropene	<0.54	ug/L	1.8	0.54	1		12/18/20 10:56	563-58-6	
cis-1,3-Dichloropropene	<3.6	ug/L	12.1	3.6	1		12/18/20 10:56	10061-01-5	
trans-1,3-Dichloropropene	<4.4	ug/L	14.6	4.4	1		12/18/20 10:56	10061-02-6	
Diisopropyl ether	<1.9	ug/L	6.3	1.9	1		12/18/20 10:56	108-20-3	
Ethylbenzene	<0.32	ug/L	1.1	0.32	1		12/18/20 10:56	100-41-4	
Hexachloro-1,3-butadiene	<1.5	ug/L	4.9	1.5	1		12/18/20 10:56	87-68-3	
Isopropylbenzene (Cumene)	<1.7	ug/L	5.6	1.7	1		12/18/20 10:56	98-82-8	
p-Isopropyltoluene	<0.80	ug/L	2.7	0.80	1		12/18/20 10:56	99-87-6	
Methylene Chloride	<0.58	ug/L	5.0	0.58	1		12/18/20 10:56	75-09-2	
Methyl-tert-butyl ether	<1.2	ug/L	4.2	1.2	1		12/18/20 10:56	1634-04-4	
Naphthalene	<1.2	ug/L	5.0	1.2	1		12/18/20 10:56	91-20-3	
n-Propylbenzene	<0.81	ug/L	5.0	0.81	1		12/18/20 10:56	103-65-1	
Styrene	<3.0	ug/L	10.0	3.0	1		12/18/20 10:56	100-42-5	
1,1,1,2-Tetrachloroethane	<0.27	ug/L	1.0	0.27	1		12/18/20 10:56	630-20-6	
1,1,2,2-Tetrachloroethane	<0.28	ug/L	1.0	0.28	1		12/18/20 10:56	79-34-5	
Tetrachloroethene	<0.33	ug/L	1.1	0.33	1		12/18/20 10:56	127-18-4	
Toluene	<0.27	ug/L	1.0	0.27	1		12/18/20 10:56	108-88-3	
1,2,3-Trichlorobenzene	<2.2	ug/L	7.4	2.2	1		12/18/20 10:56	87-61-6	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		12/18/20 10:56	120-82-1	
1,1,1-Trichloroethane	<0.24	ug/L	1.0	0.24	1		12/18/20 10:56	71-55-6	
1,1,2-Trichloroethane	<0.55	ug/L	5.0	0.55	1		12/18/20 10:56	79-00-5	
Trichloroethene	<0.26	ug/L	1.0	0.26	1		12/18/20 10:56	79-01-6	
Trichlorofluoromethane	<0.21	ug/L	1.0	0.21	1		12/18/20 10:56	75-69-4	
1,2,3-Trichloropropane	<0.59	ug/L	5.0	0.59	1		12/18/20 10:56	96-18-4	
1,2,4-Trimethylbenzene	<0.84	ug/L	2.8	0.84	1		12/18/20 10:56	95-63-6	
1,3,5-Trimethylbenzene	<0.87	ug/L	2.9	0.87	1		12/18/20 10:56	108-67-8	
Vinyl chloride	0.25J	ug/L	1.0	0.17	1		12/18/20 10:56	75-01-4	
Xylene (Total)	<1.5	ug/L	3.0	1.5	1		12/18/20 10:56	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	94	%	70-130		1		12/18/20 10:56	460-00-4	
Dibromofluoromethane (S)	98	%	70-130		1		12/18/20 10:56	1868-53-7	
Toluene-d8 (S)	95	%	70-130		1		12/18/20 10:56	2037-26-5	
4500S2F Sulfide, Iodometric									
Analytical Method: SM 4500-S F (2000)									
Pace Analytical Services - Green Bay									
Sulfide	<1.2	mg/L	4.0	1.2	1		12/18/20 14:34		

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ANALYTICAL RESULTS

Project: 60646104 KEP
Pace Project No.: 40219951

Sample: PZ-2114 **Lab ID: 40219951009** Collected: 12/14/20 12:40 Received: 12/16/20 12:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
300.0 IC Anions									
Analytical Method: EPA 300.0 Pace Analytical Services - Green Bay									
Chloride	137	mg/L	10.0	2.2	5		12/21/20 15:33	16887-00-6	
Sulfate	110	mg/L	10.0	2.2	5		12/21/20 15:33	14808-79-8	
310.2 Alkalinity									
Analytical Method: EPA 310.2 Pace Analytical Services - Green Bay									
Alkalinity, Total as CaCO ₃	213	mg/L	24.8	7.4	1		12/23/20 13:13		
410.4 COD									
Analytical Method: EPA 410.4 Preparation Method: EPA 410.4 Pace Analytical Services - Green Bay									
Chemical Oxygen Demand	28.2J	mg/L	50.0	14.7	1	12/22/20 17:02	12/22/20 20:48		
5310C TOC									
Analytical Method: SM 5310C Pace Analytical Services - Green Bay									
Total Organic Carbon	5.8	mg/L	1.0	0.28	2		12/18/20 03:46	7440-44-0	

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ANALYTICAL RESULTS

Project: 60646104 KEP
Pace Project No.: 40219951

Sample: MW-2104 **Lab ID: 40219951010** Collected: 12/14/20 13:40 Received: 12/16/20 12:00 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	<1.2	ug/L	5.6	1.2	1		12/21/20 10:25	74-84-0	
Ethene	<1.2	ug/L	5.0	1.2	1		12/21/20 10:25	74-85-1	
Methane	215	ug/L	5.6	1.3	2		12/21/20 13:09	74-82-8	
6020 MET ICPMS									
Analytical Method: EPA 6020 Preparation Method: EPA 3010 Pace Analytical Services - Green Bay									
Iron	5.1	mg/L	0.25	0.058	1	12/17/20 05:33	12/18/20 02:14	7439-89-6	
Manganese	0.32	mg/L	0.0040	0.0012	1	12/17/20 05:33	12/18/20 02:14	7439-96-5	
6020 MET ICPMS, Dissolved									
Analytical Method: EPA 6020 Preparation Method: EPA 3010 Pace Analytical Services - Green Bay									
Barium, Dissolved	0.079	mg/L	0.0023	0.00070	1	12/17/20 05:50	12/19/20 10:35	7440-39-3	
Chromium, Dissolved	<0.0010	mg/L	0.0034	0.0010	1	12/17/20 05:50	12/19/20 10:35	7440-47-3	
Iron, Dissolved	3.5	mg/L	0.25	0.058	1	12/17/20 05:50	12/19/20 10:35	7439-89-6	
Lead, Dissolved	<0.00024	mg/L	0.0010	0.00024	1	12/17/20 05:50	12/19/20 10:35	7439-92-1	
Manganese, Dissolved	0.31	mg/L	0.0040	0.0012	1	12/17/20 05:50	12/19/20 10:35	7439-96-5	
Nickel, Dissolved	0.0023	mg/L	0.0010	0.00028	1	12/17/20 05:50	12/19/20 10:35	7440-02-0	
8260 MSV									
Analytical Method: EPA 8260 Pace Analytical Services - Green Bay									
Benzene	<0.25	ug/L	1.0	0.25	1		12/18/20 11:19	71-43-2	
Bromobenzene	<0.24	ug/L	1.0	0.24	1		12/18/20 11:19	108-86-1	
Bromochloromethane	<0.36	ug/L	5.0	0.36	1		12/18/20 11:19	74-97-5	
Bromodichloromethane	<0.36	ug/L	1.2	0.36	1		12/18/20 11:19	75-27-4	
Bromoform	<4.0	ug/L	13.2	4.0	1		12/18/20 11:19	75-25-2	
Bromomethane	<0.97	ug/L	5.0	0.97	1		12/18/20 11:19	74-83-9	
n-Butylbenzene	<0.71	ug/L	2.4	0.71	1		12/18/20 11:19	104-51-8	
sec-Butylbenzene	<0.85	ug/L	5.0	0.85	1		12/18/20 11:19	135-98-8	
tert-Butylbenzene	<0.30	ug/L	1.0	0.30	1		12/18/20 11:19	98-06-6	
Carbon tetrachloride	<1.1	ug/L	3.6	1.1	1		12/18/20 11:19	56-23-5	
Chlorobenzene	<0.71	ug/L	2.4	0.71	1		12/18/20 11:19	108-90-7	
Chloroethane	<1.3	ug/L	5.0	1.3	1		12/18/20 11:19	75-00-3	
Chloroform	<1.3	ug/L	5.0	1.3	1		12/18/20 11:19	67-66-3	
Chloromethane	<2.2	ug/L	7.3	2.2	1		12/18/20 11:19	74-87-3	
2-Chlorotoluene	<0.93	ug/L	5.0	0.93	1		12/18/20 11:19	95-49-8	
4-Chlorotoluene	<0.76	ug/L	2.5	0.76	1		12/18/20 11:19	106-43-4	
1,2-Dibromo-3-chloropropane	<1.8	ug/L	5.9	1.8	1		12/18/20 11:19	96-12-8	
Dibromochloromethane	<2.6	ug/L	8.7	2.6	1		12/18/20 11:19	124-48-1	
1,2-Dibromoethane (EDB)	<0.83	ug/L	2.8	0.83	1		12/18/20 11:19	106-93-4	
Dibromomethane	<0.94	ug/L	3.1	0.94	1		12/18/20 11:19	74-95-3	
1,2-Dichlorobenzene	<0.71	ug/L	2.4	0.71	1		12/18/20 11:19	95-50-1	
1,3-Dichlorobenzene	<0.63	ug/L	2.1	0.63	1		12/18/20 11:19	541-73-1	
1,4-Dichlorobenzene	<0.94	ug/L	3.1	0.94	1		12/18/20 11:19	106-46-7	
Dichlorodifluoromethane	<0.50	ug/L	5.0	0.50	1		12/18/20 11:19	75-71-8	
1,1-Dichloroethane	<0.27	ug/L	1.0	0.27	1		12/18/20 11:19	75-34-3	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 60646104 KEP

Pace Project No.: 40219951

Sample: MW-2104 **Lab ID: 40219951010** Collected: 12/14/20 13:40 Received: 12/16/20 12:00 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-Dichloroethane	<0.28	ug/L	1.0	0.28	1		12/18/20 11:19	107-06-2	
1,1-Dichloroethane	<0.24	ug/L	1.0	0.24	1		12/18/20 11:19	75-35-4	
cis-1,2-Dichloroethene	5.4	ug/L	1.0	0.27	1		12/18/20 11:19	156-59-2	
trans-1,2-Dichloroethene	0.85J	ug/L	1.5	0.46	1		12/18/20 11:19	156-60-5	
1,2-Dichloropropane	<0.28	ug/L	1.0	0.28	1		12/18/20 11:19	78-87-5	
1,3-Dichloropropane	<0.83	ug/L	2.8	0.83	1		12/18/20 11:19	142-28-9	
2,2-Dichloropropane	<2.3	ug/L	7.6	2.3	1		12/18/20 11:19	594-20-7	
1,1-Dichloropropene	<0.54	ug/L	1.8	0.54	1		12/18/20 11:19	563-58-6	
cis-1,3-Dichloropropene	<3.6	ug/L	12.1	3.6	1		12/18/20 11:19	10061-01-5	
trans-1,3-Dichloropropene	<4.4	ug/L	14.6	4.4	1		12/18/20 11:19	10061-02-6	
Diisopropyl ether	<1.9	ug/L	6.3	1.9	1		12/18/20 11:19	108-20-3	
Ethylbenzene	<0.32	ug/L	1.1	0.32	1		12/18/20 11:19	100-41-4	
Hexachloro-1,3-butadiene	<1.5	ug/L	4.9	1.5	1		12/18/20 11:19	87-68-3	
Isopropylbenzene (Cumene)	<1.7	ug/L	5.6	1.7	1		12/18/20 11:19	98-82-8	
p-Isopropyltoluene	<0.80	ug/L	2.7	0.80	1		12/18/20 11:19	99-87-6	
Methylene Chloride	<0.58	ug/L	5.0	0.58	1		12/18/20 11:19	75-09-2	
Methyl-tert-butyl ether	<1.2	ug/L	4.2	1.2	1		12/18/20 11:19	1634-04-4	
Naphthalene	<1.2	ug/L	5.0	1.2	1		12/18/20 11:19	91-20-3	
n-Propylbenzene	<0.81	ug/L	5.0	0.81	1		12/18/20 11:19	103-65-1	
Styrene	<3.0	ug/L	10.0	3.0	1		12/18/20 11:19	100-42-5	
1,1,1,2-Tetrachloroethane	<0.27	ug/L	1.0	0.27	1		12/18/20 11:19	630-20-6	
1,1,2,2-Tetrachloroethane	<0.28	ug/L	1.0	0.28	1		12/18/20 11:19	79-34-5	
Tetrachloroethene	<0.33	ug/L	1.1	0.33	1		12/18/20 11:19	127-18-4	
Toluene	<0.27	ug/L	1.0	0.27	1		12/18/20 11:19	108-88-3	
1,2,3-Trichlorobenzene	<2.2	ug/L	7.4	2.2	1		12/18/20 11:19	87-61-6	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		12/18/20 11:19	120-82-1	
1,1,1-Trichloroethane	<0.24	ug/L	1.0	0.24	1		12/18/20 11:19	71-55-6	
1,1,2-Trichloroethane	<0.55	ug/L	5.0	0.55	1		12/18/20 11:19	79-00-5	
Trichloroethene	0.44J	ug/L	1.0	0.26	1		12/18/20 11:19	79-01-6	
Trichlorofluoromethane	<0.21	ug/L	1.0	0.21	1		12/18/20 11:19	75-69-4	
1,2,3-Trichloropropane	<0.59	ug/L	5.0	0.59	1		12/18/20 11:19	96-18-4	
1,2,4-Trimethylbenzene	<0.84	ug/L	2.8	0.84	1		12/18/20 11:19	95-63-6	
1,3,5-Trimethylbenzene	<0.87	ug/L	2.9	0.87	1		12/18/20 11:19	108-67-8	
Vinyl chloride	0.57J	ug/L	1.0	0.17	1		12/18/20 11:19	75-01-4	
Xylene (Total)	<1.5	ug/L	3.0	1.5	1		12/18/20 11:19	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	94	%	70-130		1		12/18/20 11:19	460-00-4	
Dibromofluoromethane (S)	97	%	70-130		1		12/18/20 11:19	1868-53-7	
Toluene-d8 (S)	95	%	70-130		1		12/18/20 11:19	2037-26-5	

4500S2F Sulfide, Iodometric

Analytical Method: SM 4500-S F (2000)

Pace Analytical Services - Green Bay

Sulfide	<1.2	mg/L	4.0	1.2	1		12/18/20 14:43		
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ANALYTICAL RESULTS

Project: 60646104 KEP

Pace Project No.: 40219951

Sample: MW-2104 **Lab ID: 40219951010** Collected: 12/14/20 13:40 Received: 12/16/20 12:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
300.0 IC Anions									
Analytical Method: EPA 300.0									
Pace Analytical Services - Green Bay									
Chloride	438	mg/L	20.0	4.3	10		12/21/20 15:48	16887-00-6	
Sulfate	302	mg/L	20.0	4.4	10		12/21/20 15:48	14808-79-8	
310.2 Alkalinity									
Analytical Method: EPA 310.2									
Pace Analytical Services - Green Bay									
Alkalinity, Total as CaCO ₃	418	mg/L	24.8	7.4	1		12/23/20 13:14		
410.4 COD									
Analytical Method: EPA 410.4 Preparation Method: EPA 410.4									
Pace Analytical Services - Green Bay									
Chemical Oxygen Demand	48.4J	mg/L	50.0	14.7	1	12/22/20 17:02	12/22/20 20:48		
5310C TOC									
Analytical Method: SM 5310C									
Pace Analytical Services - Green Bay									
Total Organic Carbon	10.6	mg/L	3.0	0.83	6		12/18/20 04:20	7440-44-0	

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ANALYTICAL RESULTS

Project: 60646104 KEP
Pace Project No.: 40219951

Sample: PZ-2105 **Lab ID: 40219951011** Collected: 12/14/20 15:30 Received: 12/16/20 12:00 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	<1.2	ug/L	5.6	1.2	1		12/21/20 10:32	74-84-0	
Ethene	<1.2	ug/L	5.0	1.2	1		12/21/20 10:32	74-85-1	
Methane	1.8J	ug/L	2.8	0.66	1		12/21/20 10:32	74-82-8	
6020 MET ICPMS									
Analytical Method: EPA 6020 Preparation Method: EPA 3010 Pace Analytical Services - Green Bay									
Iron	<0.058	mg/L	0.25	0.058	1	12/17/20 05:33	12/18/20 02:21	7439-89-6	
Manganese	0.013	mg/L	0.0040	0.0012	1	12/17/20 05:33	12/18/20 02:21	7439-96-5	
6020 MET ICPMS, Dissolved									
Analytical Method: EPA 6020 Preparation Method: EPA 3010 Pace Analytical Services - Green Bay									
Barium, Dissolved	0.11	mg/L	0.0023	0.00070	1	12/17/20 05:50	12/19/20 10:55	7440-39-3	
Chromium, Dissolved	<0.0010	mg/L	0.0034	0.0010	1	12/17/20 05:50	12/19/20 10:55	7440-47-3	
Iron, Dissolved	<0.058	mg/L	0.25	0.058	1	12/17/20 05:50	12/19/20 10:55	7439-89-6	
Lead, Dissolved	<0.00024	mg/L	0.0010	0.00024	1	12/17/20 05:50	12/19/20 10:55	7439-92-1	
Manganese, Dissolved	0.010	mg/L	0.0040	0.0012	1	12/17/20 05:50	12/19/20 10:55	7439-96-5	
Nickel, Dissolved	0.0016	mg/L	0.0010	0.00028	1	12/17/20 05:50	12/19/20 10:55	7440-02-0	
8260 MSV									
Analytical Method: EPA 8260 Pace Analytical Services - Green Bay									
Benzene	<0.25	ug/L	1.0	0.25	1		12/18/20 11:42	71-43-2	
Bromobenzene	<0.24	ug/L	1.0	0.24	1		12/18/20 11:42	108-86-1	
Bromochloromethane	<0.36	ug/L	5.0	0.36	1		12/18/20 11:42	74-97-5	
Bromodichloromethane	<0.36	ug/L	1.2	0.36	1		12/18/20 11:42	75-27-4	
Bromoform	<4.0	ug/L	13.2	4.0	1		12/18/20 11:42	75-25-2	
Bromomethane	<0.97	ug/L	5.0	0.97	1		12/18/20 11:42	74-83-9	
n-Butylbenzene	<0.71	ug/L	2.4	0.71	1		12/18/20 11:42	104-51-8	
sec-Butylbenzene	<0.85	ug/L	5.0	0.85	1		12/18/20 11:42	135-98-8	
tert-Butylbenzene	<0.30	ug/L	1.0	0.30	1		12/18/20 11:42	98-06-6	
Carbon tetrachloride	<1.1	ug/L	3.6	1.1	1		12/18/20 11:42	56-23-5	
Chlorobenzene	<0.71	ug/L	2.4	0.71	1		12/18/20 11:42	108-90-7	
Chloroethane	<1.3	ug/L	5.0	1.3	1		12/18/20 11:42	75-00-3	
Chloroform	<1.3	ug/L	5.0	1.3	1		12/18/20 11:42	67-66-3	
Chloromethane	<2.2	ug/L	7.3	2.2	1		12/18/20 11:42	74-87-3	
2-Chlorotoluene	<0.93	ug/L	5.0	0.93	1		12/18/20 11:42	95-49-8	
4-Chlorotoluene	<0.76	ug/L	2.5	0.76	1		12/18/20 11:42	106-43-4	
1,2-Dibromo-3-chloropropane	<1.8	ug/L	5.9	1.8	1		12/18/20 11:42	96-12-8	
Dibromochloromethane	<2.6	ug/L	8.7	2.6	1		12/18/20 11:42	124-48-1	
1,2-Dibromoethane (EDB)	<0.83	ug/L	2.8	0.83	1		12/18/20 11:42	106-93-4	
Dibromomethane	<0.94	ug/L	3.1	0.94	1		12/18/20 11:42	74-95-3	
1,2-Dichlorobenzene	<0.71	ug/L	2.4	0.71	1		12/18/20 11:42	95-50-1	
1,3-Dichlorobenzene	<0.63	ug/L	2.1	0.63	1		12/18/20 11:42	541-73-1	
1,4-Dichlorobenzene	<0.94	ug/L	3.1	0.94	1		12/18/20 11:42	106-46-7	
Dichlorodifluoromethane	<0.50	ug/L	5.0	0.50	1		12/18/20 11:42	75-71-8	
1,1-Dichloroethane	<0.27	ug/L	1.0	0.27	1		12/18/20 11:42	75-34-3	

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ANALYTICAL RESULTS

Project: 60646104 KEP
Pace Project No.: 40219951

Sample: PZ-2105 **Lab ID: 40219951011** Collected: 12/14/20 15:30 Received: 12/16/20 12:00 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-Dichloroethane	<0.28	ug/L	1.0	0.28	1		12/18/20 11:42	107-06-2	
1,1-Dichloroethane	<0.24	ug/L	1.0	0.24	1		12/18/20 11:42	75-35-4	
cis-1,2-Dichloroethene	2.8	ug/L	1.0	0.27	1		12/18/20 11:42	156-59-2	
trans-1,2-Dichloroethene	<0.46	ug/L	1.5	0.46	1		12/18/20 11:42	156-60-5	
1,2-Dichloropropane	<0.28	ug/L	1.0	0.28	1		12/18/20 11:42	78-87-5	
1,3-Dichloropropane	<0.83	ug/L	2.8	0.83	1		12/18/20 11:42	142-28-9	
2,2-Dichloropropane	<2.3	ug/L	7.6	2.3	1		12/18/20 11:42	594-20-7	
1,1-Dichloropropene	<0.54	ug/L	1.8	0.54	1		12/18/20 11:42	563-58-6	
cis-1,3-Dichloropropene	<3.6	ug/L	12.1	3.6	1		12/18/20 11:42	10061-01-5	
trans-1,3-Dichloropropene	<4.4	ug/L	14.6	4.4	1		12/18/20 11:42	10061-02-6	
Diisopropyl ether	<1.9	ug/L	6.3	1.9	1		12/18/20 11:42	108-20-3	
Ethylbenzene	<0.32	ug/L	1.1	0.32	1		12/18/20 11:42	100-41-4	
Hexachloro-1,3-butadiene	<1.5	ug/L	4.9	1.5	1		12/18/20 11:42	87-68-3	
Isopropylbenzene (Cumene)	<1.7	ug/L	5.6	1.7	1		12/18/20 11:42	98-82-8	
p-Isopropyltoluene	<0.80	ug/L	2.7	0.80	1		12/18/20 11:42	99-87-6	
Methylene Chloride	<0.58	ug/L	5.0	0.58	1		12/18/20 11:42	75-09-2	
Methyl-tert-butyl ether	<1.2	ug/L	4.2	1.2	1		12/18/20 11:42	1634-04-4	
Naphthalene	<1.2	ug/L	5.0	1.2	1		12/18/20 11:42	91-20-3	
n-Propylbenzene	<0.81	ug/L	5.0	0.81	1		12/18/20 11:42	103-65-1	
Styrene	<3.0	ug/L	10.0	3.0	1		12/18/20 11:42	100-42-5	
1,1,1,2-Tetrachloroethane	<0.27	ug/L	1.0	0.27	1		12/18/20 11:42	630-20-6	
1,1,2,2-Tetrachloroethane	<0.28	ug/L	1.0	0.28	1		12/18/20 11:42	79-34-5	
Tetrachloroethene	<0.33	ug/L	1.1	0.33	1		12/18/20 11:42	127-18-4	
Toluene	<0.27	ug/L	1.0	0.27	1		12/18/20 11:42	108-88-3	
1,2,3-Trichlorobenzene	<2.2	ug/L	7.4	2.2	1		12/18/20 11:42	87-61-6	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		12/18/20 11:42	120-82-1	
1,1,1-Trichloroethane	<0.24	ug/L	1.0	0.24	1		12/18/20 11:42	71-55-6	
1,1,2-Trichloroethane	<0.55	ug/L	5.0	0.55	1		12/18/20 11:42	79-00-5	
Trichloroethene	2.5	ug/L	1.0	0.26	1		12/18/20 11:42	79-01-6	
Trichlorofluoromethane	<0.21	ug/L	1.0	0.21	1		12/18/20 11:42	75-69-4	
1,2,3-Trichloropropane	<0.59	ug/L	5.0	0.59	1		12/18/20 11:42	96-18-4	
1,2,4-Trimethylbenzene	<0.84	ug/L	2.8	0.84	1		12/18/20 11:42	95-63-6	
1,3,5-Trimethylbenzene	<0.87	ug/L	2.9	0.87	1		12/18/20 11:42	108-67-8	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		12/18/20 11:42	75-01-4	
Xylene (Total)	<1.5	ug/L	3.0	1.5	1		12/18/20 11:42	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	94	%	70-130		1		12/18/20 11:42	460-00-4	
Dibromofluoromethane (S)	99	%	70-130		1		12/18/20 11:42	1868-53-7	
Toluene-d8 (S)	94	%	70-130		1		12/18/20 11:42	2037-26-5	

4500S2F Sulfide, Iodometric

Analytical Method: SM 4500-S F (2000)
Pace Analytical Services - Green Bay

Sulfide	<1.2	mg/L	4.0	1.2	1		12/18/20 14:45		
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ANALYTICAL RESULTS

Project: 60646104 KEP
Pace Project No.: 40219951

Sample: PZ-2105 **Lab ID: 40219951011** Collected: 12/14/20 15:30 Received: 12/16/20 12:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
300.0 IC Anions									
Analytical Method: EPA 300.0 Pace Analytical Services - Green Bay									
Chloride	164	mg/L	20.0	4.3	10		12/21/20 16:02	16887-00-6	
Sulfate	219	mg/L	20.0	4.4	10		12/21/20 16:02	14808-79-8	
310.2 Alkalinity									
Analytical Method: EPA 310.2 Pace Analytical Services - Green Bay									
Alkalinity, Total as CaCO ₃	188	mg/L	24.8	7.4	1		12/23/20 13:15		
410.4 COD									
Analytical Method: EPA 410.4 Preparation Method: EPA 410.4 Pace Analytical Services - Green Bay									
Chemical Oxygen Demand	17.0J	mg/L	50.0	14.7	1	12/22/20 17:02	12/22/20 20:48		
5310C TOC									
Analytical Method: SM 5310C Pace Analytical Services - Green Bay									
Total Organic Carbon	4.1	mg/L	0.50	0.14	1		12/18/20 04:36	7440-44-0	

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ANALYTICAL RESULTS

Project: 60646104 KEP
Pace Project No.: 40219951

Sample: MW-2105 **Lab ID: 40219951012** Collected: 12/14/20 16:00 Received: 12/16/20 12:00 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	7.9	ug/L	5.6	1.2	1		12/21/20 10:39	74-84-0	
Ethene	<1.2	ug/L	5.0	1.2	1		12/21/20 10:39	74-85-1	
Methane	1110	ug/L	28.0	6.6	10		12/21/20 13:16	74-82-8	
6020 MET ICPMS									
Analytical Method: EPA 6020 Preparation Method: EPA 3010 Pace Analytical Services - Green Bay									
Iron	2.5	mg/L	0.25	0.058	1	12/17/20 05:33	12/18/20 02:28	7439-89-6	
Manganese	0.26	mg/L	0.0040	0.0012	1	12/17/20 05:33	12/18/20 02:28	7439-96-5	
6020 MET ICPMS, Dissolved									
Analytical Method: EPA 6020 Preparation Method: EPA 3010 Pace Analytical Services - Green Bay									
Barium, Dissolved	0.13	mg/L	0.0023	0.00070	1	12/17/20 05:50	12/19/20 11:02	7440-39-3	
Chromium, Dissolved	<0.0010	mg/L	0.0034	0.0010	1	12/17/20 05:50	12/19/20 11:02	7440-47-3	
Iron, Dissolved	2.0	mg/L	0.25	0.058	1	12/17/20 05:50	12/19/20 11:02	7439-89-6	
Lead, Dissolved	<0.00024	mg/L	0.0010	0.00024	1	12/17/20 05:50	12/19/20 11:02	7439-92-1	
Manganese, Dissolved	0.28	mg/L	0.0040	0.0012	1	12/17/20 05:50	12/19/20 11:02	7439-96-5	D9
Nickel, Dissolved	0.0024	mg/L	0.0010	0.00028	1	12/17/20 05:50	12/19/20 11:02	7440-02-0	
8260 MSV									
Analytical Method: EPA 8260 Pace Analytical Services - Green Bay									
Benzene	2.0	ug/L	1.0	0.25	1		12/17/20 15:07	71-43-2	
Bromobenzene	<0.24	ug/L	1.0	0.24	1		12/17/20 15:07	108-86-1	
Bromochloromethane	<0.36	ug/L	5.0	0.36	1		12/17/20 15:07	74-97-5	
Bromodichloromethane	<0.36	ug/L	1.2	0.36	1		12/17/20 15:07	75-27-4	
Bromoform	<4.0	ug/L	13.2	4.0	1		12/17/20 15:07	75-25-2	
Bromomethane	<0.97	ug/L	5.0	0.97	1		12/17/20 15:07	74-83-9	
n-Butylbenzene	<0.71	ug/L	2.4	0.71	1		12/17/20 15:07	104-51-8	
sec-Butylbenzene	<0.85	ug/L	5.0	0.85	1		12/17/20 15:07	135-98-8	
tert-Butylbenzene	<0.30	ug/L	1.0	0.30	1		12/17/20 15:07	98-06-6	
Carbon tetrachloride	<1.1	ug/L	3.6	1.1	1		12/17/20 15:07	56-23-5	
Chlorobenzene	<0.71	ug/L	2.4	0.71	1		12/17/20 15:07	108-90-7	
Chloroethane	<1.3	ug/L	5.0	1.3	1		12/17/20 15:07	75-00-3	
Chloroform	<1.3	ug/L	5.0	1.3	1		12/17/20 15:07	67-66-3	
Chloromethane	<2.2	ug/L	7.3	2.2	1		12/17/20 15:07	74-87-3	
2-Chlorotoluene	<0.93	ug/L	5.0	0.93	1		12/17/20 15:07	95-49-8	
4-Chlorotoluene	<0.76	ug/L	2.5	0.76	1		12/17/20 15:07	106-43-4	
1,2-Dibromo-3-chloropropane	<1.8	ug/L	5.9	1.8	1		12/17/20 15:07	96-12-8	
Dibromochloromethane	<2.6	ug/L	8.7	2.6	1		12/17/20 15:07	124-48-1	
1,2-Dibromoethane (EDB)	<0.83	ug/L	2.8	0.83	1		12/17/20 15:07	106-93-4	
Dibromomethane	<0.94	ug/L	3.1	0.94	1		12/17/20 15:07	74-95-3	
1,2-Dichlorobenzene	<0.71	ug/L	2.4	0.71	1		12/17/20 15:07	95-50-1	
1,3-Dichlorobenzene	<0.63	ug/L	2.1	0.63	1		12/17/20 15:07	541-73-1	
1,4-Dichlorobenzene	<0.94	ug/L	3.1	0.94	1		12/17/20 15:07	106-46-7	
Dichlorodifluoromethane	<0.50	ug/L	5.0	0.50	1		12/17/20 15:07	75-71-8	
1,1-Dichloroethane	<0.27	ug/L	1.0	0.27	1		12/17/20 15:07	75-34-3	

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ANALYTICAL RESULTS

Project: 60646104 KEP
Pace Project No.: 40219951

Sample: MW-2105 **Lab ID: 40219951012** Collected: 12/14/20 16:00 Received: 12/16/20 12:00 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-Dichloroethane	<0.28	ug/L	1.0	0.28	1		12/17/20 15:07	107-06-2	
1,1-Dichloroethane	<0.24	ug/L	1.0	0.24	1		12/17/20 15:07	75-35-4	
cis-1,2-Dichloroethene	12.9	ug/L	1.0	0.27	1		12/17/20 15:07	156-59-2	
trans-1,2-Dichloroethene	<0.46	ug/L	1.5	0.46	1		12/17/20 15:07	156-60-5	
1,2-Dichloropropane	<0.28	ug/L	1.0	0.28	1		12/17/20 15:07	78-87-5	
1,3-Dichloropropane	<0.83	ug/L	2.8	0.83	1		12/17/20 15:07	142-28-9	
2,2-Dichloropropane	<2.3	ug/L	7.6	2.3	1		12/17/20 15:07	594-20-7	
1,1-Dichloropropene	<0.54	ug/L	1.8	0.54	1		12/17/20 15:07	563-58-6	
cis-1,3-Dichloropropene	<3.6	ug/L	12.1	3.6	1		12/17/20 15:07	10061-01-5	
trans-1,3-Dichloropropene	<4.4	ug/L	14.6	4.4	1		12/17/20 15:07	10061-02-6	
Diisopropyl ether	<1.9	ug/L	6.3	1.9	1		12/17/20 15:07	108-20-3	
Ethylbenzene	<0.32	ug/L	1.1	0.32	1		12/17/20 15:07	100-41-4	
Hexachloro-1,3-butadiene	<1.5	ug/L	4.9	1.5	1		12/17/20 15:07	87-68-3	
Isopropylbenzene (Cumene)	<1.7	ug/L	5.6	1.7	1		12/17/20 15:07	98-82-8	
p-Isopropyltoluene	<0.80	ug/L	2.7	0.80	1		12/17/20 15:07	99-87-6	
Methylene Chloride	<0.58	ug/L	5.0	0.58	1		12/17/20 15:07	75-09-2	
Methyl-tert-butyl ether	<1.2	ug/L	4.2	1.2	1		12/17/20 15:07	1634-04-4	
Naphthalene	<1.2	ug/L	5.0	1.2	1		12/17/20 15:07	91-20-3	
n-Propylbenzene	<0.81	ug/L	5.0	0.81	1		12/17/20 15:07	103-65-1	
Styrene	<3.0	ug/L	10.0	3.0	1		12/17/20 15:07	100-42-5	
1,1,1,2-Tetrachloroethane	<0.27	ug/L	1.0	0.27	1		12/17/20 15:07	630-20-6	
1,1,2,2-Tetrachloroethane	<0.28	ug/L	1.0	0.28	1		12/17/20 15:07	79-34-5	
Tetrachloroethene	<0.33	ug/L	1.1	0.33	1		12/17/20 15:07	127-18-4	
Toluene	<0.27	ug/L	1.0	0.27	1		12/17/20 15:07	108-88-3	
1,2,3-Trichlorobenzene	<2.2	ug/L	7.4	2.2	1		12/17/20 15:07	87-61-6	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		12/17/20 15:07	120-82-1	
1,1,1-Trichloroethane	<0.24	ug/L	1.0	0.24	1		12/17/20 15:07	71-55-6	
1,1,2-Trichloroethane	<0.55	ug/L	5.0	0.55	1		12/17/20 15:07	79-00-5	
Trichloroethene	3.6	ug/L	1.0	0.26	1		12/17/20 15:07	79-01-6	
Trichlorofluoromethane	<0.21	ug/L	1.0	0.21	1		12/17/20 15:07	75-69-4	
1,2,3-Trichloropropane	<0.59	ug/L	5.0	0.59	1		12/17/20 15:07	96-18-4	
1,2,4-Trimethylbenzene	<0.84	ug/L	2.8	0.84	1		12/17/20 15:07	95-63-6	
1,3,5-Trimethylbenzene	<0.87	ug/L	2.9	0.87	1		12/17/20 15:07	108-67-8	
Vinyl chloride	2.5	ug/L	1.0	0.17	1		12/17/20 15:07	75-01-4	
Xylene (Total)	4.9	ug/L	3.0	1.5	1		12/17/20 15:07	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	94	%	70-130		1		12/17/20 15:07	460-00-4	
Dibromofluoromethane (S)	96	%	70-130		1		12/17/20 15:07	1868-53-7	
Toluene-d8 (S)	95	%	70-130		1		12/17/20 15:07	2037-26-5	
4500S2F Sulfide, Iodometric									
Analytical Method: SM 4500-S F (2000)									
Pace Analytical Services - Green Bay									
Sulfide	<1.2	mg/L	4.0	1.2	1		12/18/20 14:47		

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ANALYTICAL RESULTS

Project: 60646104 KEP
Pace Project No.: 40219951

Sample: MW-2105 **Lab ID: 40219951012** Collected: 12/14/20 16:00 Received: 12/16/20 12:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
300.0 IC Anions									
Analytical Method: EPA 300.0 Pace Analytical Services - Green Bay									
Chloride	251	mg/L	20.0	4.3	10		12/21/20 16:17	16887-00-6	
Sulfate	107	mg/L	20.0	4.4	10		12/21/20 16:17	14808-79-8	
310.2 Alkalinity									
Analytical Method: EPA 310.2 Pace Analytical Services - Green Bay									
Alkalinity, Total as CaCO ₃	493	mg/L	24.8	7.4	1		12/23/20 13:16		
410.4 COD									
Analytical Method: EPA 410.4 Preparation Method: EPA 410.4 Pace Analytical Services - Green Bay									
Chemical Oxygen Demand	91.1	mg/L	50.0	14.7	1	12/22/20 17:02	12/22/20 20:48		
5310C TOC									
Analytical Method: SM 5310C Pace Analytical Services - Green Bay									
Total Organic Carbon	25.9	mg/L	15.0	4.2	30		12/18/20 04:51	7440-44-0	

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ANALYTICAL RESULTS

Project: 60646104 KEP
Pace Project No.: 40219951

Sample: MW-2112 **Lab ID: 40219951013** Collected: 12/15/20 11:40 Received: 12/16/20 12:00 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	<1.2	ug/L	5.6	1.2	1		12/21/20 10:46	74-84-0	
Ethene	30.2	ug/L	5.0	1.2	1		12/21/20 10:46	74-85-1	
Methane	48.5	ug/L	2.8	0.66	1		12/21/20 10:46	74-82-8	
6020 MET ICPMS									
Analytical Method: EPA 6020 Preparation Method: EPA 3010 Pace Analytical Services - Green Bay									
Iron	3.3	mg/L	0.25	0.058	1	12/17/20 05:33	12/18/20 02:34	7439-89-6	
Manganese	0.40	mg/L	0.0040	0.0012	1	12/17/20 05:33	12/18/20 02:34	7439-96-5	
6020 MET ICPMS, Dissolved									
Analytical Method: EPA 6020 Preparation Method: EPA 3010 Pace Analytical Services - Green Bay									
Barium, Dissolved	0.060	mg/L	0.0023	0.00070	1	12/17/20 05:50	12/19/20 11:09	7440-39-3	
Chromium, Dissolved	<0.0010	mg/L	0.0034	0.0010	1	12/17/20 05:50	12/19/20 11:09	7440-47-3	
Iron, Dissolved	3.3	mg/L	0.25	0.058	1	12/17/20 05:50	12/19/20 11:09	7439-89-6	
Lead, Dissolved	<0.00024	mg/L	0.0010	0.00024	1	12/17/20 05:50	12/19/20 11:09	7439-92-1	
Manganese, Dissolved	0.38	mg/L	0.0040	0.0012	1	12/17/20 05:50	12/19/20 11:09	7439-96-5	
Nickel, Dissolved	0.0015	mg/L	0.0010	0.00028	1	12/17/20 05:50	12/19/20 11:09	7440-02-0	
8260 MSV									
Analytical Method: EPA 8260 Pace Analytical Services - Green Bay									
Benzene	<2.5	ug/L	10.0	2.5	10		12/17/20 12:07	71-43-2	
Bromobenzene	<2.4	ug/L	10.0	2.4	10		12/17/20 12:07	108-86-1	
Bromochloromethane	<3.6	ug/L	50.0	3.6	10		12/17/20 12:07	74-97-5	
Bromodichloromethane	<3.6	ug/L	12.1	3.6	10		12/17/20 12:07	75-27-4	
Bromoform	<39.7	ug/L	132	39.7	10		12/17/20 12:07	75-25-2	
Bromomethane	<9.7	ug/L	50.0	9.7	10		12/17/20 12:07	74-83-9	
n-Butylbenzene	<7.1	ug/L	23.6	7.1	10		12/17/20 12:07	104-51-8	
sec-Butylbenzene	<8.5	ug/L	50.0	8.5	10		12/17/20 12:07	135-98-8	
tert-Butylbenzene	<3.0	ug/L	10.1	3.0	10		12/17/20 12:07	98-06-6	
Carbon tetrachloride	<10.8	ug/L	35.9	10.8	10		12/17/20 12:07	56-23-5	
Chlorobenzene	<7.1	ug/L	23.7	7.1	10		12/17/20 12:07	108-90-7	
Chloroethane	<13.4	ug/L	50.0	13.4	10		12/17/20 12:07	75-00-3	
Chloroform	<12.7	ug/L	50.0	12.7	10		12/17/20 12:07	67-66-3	
Chloromethane	<21.9	ug/L	73.0	21.9	10		12/17/20 12:07	74-87-3	
2-Chlorotoluene	<9.3	ug/L	50.0	9.3	10		12/17/20 12:07	95-49-8	
4-Chlorotoluene	<7.6	ug/L	25.2	7.6	10		12/17/20 12:07	106-43-4	
1,2-Dibromo-3-chloropropane	<17.6	ug/L	58.8	17.6	10		12/17/20 12:07	96-12-8	
Dibromochloromethane	<26.0	ug/L	86.7	26.0	10		12/17/20 12:07	124-48-1	
1,2-Dibromoethane (EDB)	<8.3	ug/L	27.6	8.3	10		12/17/20 12:07	106-93-4	
Dibromomethane	<9.4	ug/L	31.2	9.4	10		12/17/20 12:07	74-95-3	
1,2-Dichlorobenzene	<7.1	ug/L	23.5	7.1	10		12/17/20 12:07	95-50-1	
1,3-Dichlorobenzene	<6.3	ug/L	20.9	6.3	10		12/17/20 12:07	541-73-1	
1,4-Dichlorobenzene	<9.4	ug/L	31.5	9.4	10		12/17/20 12:07	106-46-7	
Dichlorodifluoromethane	<5.0	ug/L	50.0	5.0	10		12/17/20 12:07	75-71-8	
1,1-Dichloroethane	<2.7	ug/L	10.0	2.7	10		12/17/20 12:07	75-34-3	

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ANALYTICAL RESULTS

Project: 60646104 KEP
Pace Project No.: 40219951

Sample: MW-2112 **Lab ID: 40219951013** Collected: 12/15/20 11:40 Received: 12/16/20 12:00 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-Dichloroethane	<2.8	ug/L	10.0	2.8	10		12/17/20 12:07	107-06-2	
1,1-Dichloroethene	<2.4	ug/L	10.0	2.4	10		12/17/20 12:07	75-35-4	
cis-1,2-Dichloroethene	809	ug/L	10.0	2.7	10		12/17/20 12:07	156-59-2	
trans-1,2-Dichloroethene	8.5J	ug/L	15.5	4.6	10		12/17/20 12:07	156-60-5	
1,2-Dichloropropane	<2.8	ug/L	10.0	2.8	10		12/17/20 12:07	78-87-5	
1,3-Dichloropropane	<8.3	ug/L	27.5	8.3	10		12/17/20 12:07	142-28-9	
2,2-Dichloropropane	<22.7	ug/L	75.5	22.7	10		12/17/20 12:07	594-20-7	
1,1-Dichloropropene	<5.4	ug/L	18.0	5.4	10		12/17/20 12:07	563-58-6	
cis-1,3-Dichloropropene	<36.3	ug/L	121	36.3	10		12/17/20 12:07	10061-01-5	
trans-1,3-Dichloropropene	<43.7	ug/L	146	43.7	10		12/17/20 12:07	10061-02-6	
Diisopropyl ether	<18.9	ug/L	62.9	18.9	10		12/17/20 12:07	108-20-3	
Ethylbenzene	<3.2	ug/L	10.6	3.2	10		12/17/20 12:07	100-41-4	
Hexachloro-1,3-butadiene	<14.6	ug/L	48.8	14.6	10		12/17/20 12:07	87-68-3	
Isopropylbenzene (Cumene)	<16.9	ug/L	56.2	16.9	10		12/17/20 12:07	98-82-8	
p-Isopropyltoluene	<8.0	ug/L	26.7	8.0	10		12/17/20 12:07	99-87-6	
Methylene Chloride	<5.8	ug/L	50.0	5.8	10		12/17/20 12:07	75-09-2	
Methyl-tert-butyl ether	<12.5	ug/L	41.5	12.5	10		12/17/20 12:07	1634-04-4	
Naphthalene	<11.8	ug/L	50.0	11.8	10		12/17/20 12:07	91-20-3	
n-Propylbenzene	<8.1	ug/L	50.0	8.1	10		12/17/20 12:07	103-65-1	
Styrene	<30.1	ug/L	100	30.1	10		12/17/20 12:07	100-42-5	
1,1,1,2-Tetrachloroethane	<2.7	ug/L	10.0	2.7	10		12/17/20 12:07	630-20-6	
1,1,2,2-Tetrachloroethane	<2.8	ug/L	10.0	2.8	10		12/17/20 12:07	79-34-5	
Tetrachloroethene	<3.3	ug/L	10.9	3.3	10		12/17/20 12:07	127-18-4	
Toluene	<2.7	ug/L	10.0	2.7	10		12/17/20 12:07	108-88-3	
1,2,3-Trichlorobenzene	<22.1	ug/L	73.7	22.1	10		12/17/20 12:07	87-61-6	
1,2,4-Trichlorobenzene	<9.5	ug/L	50.0	9.5	10		12/17/20 12:07	120-82-1	
1,1,1-Trichloroethane	<2.4	ug/L	10.0	2.4	10		12/17/20 12:07	71-55-6	
1,1,2-Trichloroethane	<5.5	ug/L	50.0	5.5	10		12/17/20 12:07	79-00-5	
Trichloroethene	<2.6	ug/L	10.0	2.6	10		12/18/20 12:04	79-01-6	
Trichlorofluoromethane	<2.1	ug/L	10.0	2.1	10		12/17/20 12:07	75-69-4	
1,2,3-Trichloropropane	<5.9	ug/L	50.0	5.9	10		12/17/20 12:07	96-18-4	
1,2,4-Trimethylbenzene	<8.4	ug/L	28.0	8.4	10		12/17/20 12:07	95-63-6	
1,3,5-Trimethylbenzene	<8.7	ug/L	29.1	8.7	10		12/17/20 12:07	108-67-8	
Vinyl chloride	305	ug/L	10.0	1.7	10		12/17/20 12:07	75-01-4	
Xylene (Total)	<15.0	ug/L	30.0	15.0	10		12/17/20 12:07	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	95	%	70-130		10		12/18/20 12:04	460-00-4	
Dibromofluoromethane (S)	99	%	70-130		10		12/18/20 12:04	1868-53-7	
Toluene-d8 (S)	95	%	70-130		10		12/18/20 12:04	2037-26-5	
4500S2F Sulfide, Iodometric									
Analytical Method: SM 4500-S F (2000)									
Pace Analytical Services - Green Bay									
Sulfide	<1.2	mg/L	4.0	1.2	1		12/18/20 14:49		

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ANALYTICAL RESULTS

Project: 60646104 KEP
Pace Project No.: 40219951

Sample: MW-2112 **Lab ID: 40219951013** Collected: 12/15/20 11:40 Received: 12/16/20 12:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
300.0 IC Anions									
Analytical Method: EPA 300.0 Pace Analytical Services - Green Bay									
Chloride	79.3	mg/L	20.0	4.3	10		12/21/20 16:31	16887-00-6	
Sulfate	284	mg/L	20.0	4.4	10		12/21/20 16:31	14808-79-8	
310.2 Alkalinity									
Analytical Method: EPA 310.2 Pace Analytical Services - Green Bay									
Alkalinity, Total as CaCO ₃	341	mg/L	24.8	7.4	1		12/23/20 13:17		
410.4 COD									
Analytical Method: EPA 410.4 Preparation Method: EPA 410.4 Pace Analytical Services - Green Bay									
Chemical Oxygen Demand	39.5J	mg/L	50.0	14.7	1	12/22/20 17:02	12/22/20 20:48		
5310C TOC									
Analytical Method: SM 5310C Pace Analytical Services - Green Bay									
Total Organic Carbon	8.0	mg/L	3.0	0.83	6		12/18/20 05:05	7440-44-0	

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ANALYTICAL RESULTS

Project: 60646104 KEP
Pace Project No.: 40219951

Sample: PZ-2112 **Lab ID: 40219951014** Collected: 12/15/20 11:25 Received: 12/16/20 12:00 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	<1.2	ug/L	5.6	1.2	1		12/21/20 10:53	74-84-0	
Ethene	<1.2	ug/L	5.0	1.2	1		12/21/20 10:53	74-85-1	
Methane	1.5J	ug/L	2.8	0.66	1		12/21/20 10:53	74-82-8	
6020 MET ICPMS									
Analytical Method: EPA 6020 Preparation Method: EPA 3010 Pace Analytical Services - Green Bay									
Iron	<0.058	mg/L	0.25	0.058	1	12/17/20 05:33	12/18/20 02:41	7439-89-6	
Manganese	0.026	mg/L	0.0040	0.0012	1	12/17/20 05:33	12/18/20 02:41	7439-96-5	
6020 MET ICPMS, Dissolved									
Analytical Method: EPA 6020 Preparation Method: EPA 3010 Pace Analytical Services - Green Bay									
Barium, Dissolved	0.087	mg/L	0.0023	0.00070	1	12/17/20 05:50	12/19/20 11:16	7440-39-3	
Chromium, Dissolved	<0.0010	mg/L	0.0034	0.0010	1	12/17/20 05:50	12/19/20 11:16	7440-47-3	
Iron, Dissolved	<0.058	mg/L	0.25	0.058	1	12/17/20 05:50	12/19/20 11:16	7439-89-6	
Lead, Dissolved	<0.00024	mg/L	0.0010	0.00024	1	12/17/20 05:50	12/19/20 11:16	7439-92-1	
Manganese, Dissolved	0.023	mg/L	0.0040	0.0012	1	12/17/20 05:50	12/19/20 11:16	7439-96-5	
Nickel, Dissolved	0.0045	mg/L	0.0010	0.00028	1	12/17/20 05:50	12/19/20 11:16	7440-02-0	
8260 MSV									
Analytical Method: EPA 8260 Pace Analytical Services - Green Bay									
Benzene	<0.25	ug/L	1.0	0.25	1		12/17/20 15:29	71-43-2	
Bromobenzene	<0.24	ug/L	1.0	0.24	1		12/17/20 15:29	108-86-1	
Bromochloromethane	<0.36	ug/L	5.0	0.36	1		12/17/20 15:29	74-97-5	
Bromodichloromethane	<0.36	ug/L	1.2	0.36	1		12/17/20 15:29	75-27-4	
Bromoform	<4.0	ug/L	13.2	4.0	1		12/17/20 15:29	75-25-2	
Bromomethane	<0.97	ug/L	5.0	0.97	1		12/17/20 15:29	74-83-9	
n-Butylbenzene	<0.71	ug/L	2.4	0.71	1		12/17/20 15:29	104-51-8	
sec-Butylbenzene	<0.85	ug/L	5.0	0.85	1		12/17/20 15:29	135-98-8	
tert-Butylbenzene	<0.30	ug/L	1.0	0.30	1		12/17/20 15:29	98-06-6	
Carbon tetrachloride	<1.1	ug/L	3.6	1.1	1		12/17/20 15:29	56-23-5	
Chlorobenzene	<0.71	ug/L	2.4	0.71	1		12/17/20 15:29	108-90-7	
Chloroethane	<1.3	ug/L	5.0	1.3	1		12/17/20 15:29	75-00-3	
Chloroform	<1.3	ug/L	5.0	1.3	1		12/17/20 15:29	67-66-3	
Chloromethane	<2.2	ug/L	7.3	2.2	1		12/17/20 15:29	74-87-3	
2-Chlorotoluene	<0.93	ug/L	5.0	0.93	1		12/17/20 15:29	95-49-8	
4-Chlorotoluene	<0.76	ug/L	2.5	0.76	1		12/17/20 15:29	106-43-4	
1,2-Dibromo-3-chloropropane	<1.8	ug/L	5.9	1.8	1		12/17/20 15:29	96-12-8	
Dibromochloromethane	<2.6	ug/L	8.7	2.6	1		12/17/20 15:29	124-48-1	
1,2-Dibromoethane (EDB)	<0.83	ug/L	2.8	0.83	1		12/17/20 15:29	106-93-4	
Dibromomethane	<0.94	ug/L	3.1	0.94	1		12/17/20 15:29	74-95-3	
1,2-Dichlorobenzene	<0.71	ug/L	2.4	0.71	1		12/17/20 15:29	95-50-1	
1,3-Dichlorobenzene	<0.63	ug/L	2.1	0.63	1		12/17/20 15:29	541-73-1	
1,4-Dichlorobenzene	<0.94	ug/L	3.1	0.94	1		12/17/20 15:29	106-46-7	
Dichlorodifluoromethane	<0.50	ug/L	5.0	0.50	1		12/17/20 15:29	75-71-8	
1,1-Dichloroethane	<0.27	ug/L	1.0	0.27	1		12/17/20 15:29	75-34-3	

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ANALYTICAL RESULTS

Project: 60646104 KEP
Pace Project No.: 40219951

Sample: PZ-2112 **Lab ID: 40219951014** Collected: 12/15/20 11:25 Received: 12/16/20 12:00 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-Dichloroethane	<0.28	ug/L	1.0	0.28	1		12/17/20 15:29	107-06-2	
1,1-Dichloroethene	<0.24	ug/L	1.0	0.24	1		12/17/20 15:29	75-35-4	
cis-1,2-Dichloroethene	1.0	ug/L	1.0	0.27	1		12/17/20 15:29	156-59-2	
trans-1,2-Dichloroethene	<0.46	ug/L	1.5	0.46	1		12/17/20 15:29	156-60-5	
1,2-Dichloropropane	<0.28	ug/L	1.0	0.28	1		12/17/20 15:29	78-87-5	
1,3-Dichloropropane	<0.83	ug/L	2.8	0.83	1		12/17/20 15:29	142-28-9	
2,2-Dichloropropane	<2.3	ug/L	7.6	2.3	1		12/17/20 15:29	594-20-7	
1,1-Dichloropropene	<0.54	ug/L	1.8	0.54	1		12/17/20 15:29	563-58-6	
cis-1,3-Dichloropropene	<3.6	ug/L	12.1	3.6	1		12/17/20 15:29	10061-01-5	
trans-1,3-Dichloropropene	<4.4	ug/L	14.6	4.4	1		12/17/20 15:29	10061-02-6	
Diisopropyl ether	<1.9	ug/L	6.3	1.9	1		12/17/20 15:29	108-20-3	
Ethylbenzene	<0.32	ug/L	1.1	0.32	1		12/17/20 15:29	100-41-4	
Hexachloro-1,3-butadiene	<1.5	ug/L	4.9	1.5	1		12/17/20 15:29	87-68-3	
Isopropylbenzene (Cumene)	<1.7	ug/L	5.6	1.7	1		12/17/20 15:29	98-82-8	
p-Isopropyltoluene	<0.80	ug/L	2.7	0.80	1		12/17/20 15:29	99-87-6	
Methylene Chloride	<0.58	ug/L	5.0	0.58	1		12/17/20 15:29	75-09-2	
Methyl-tert-butyl ether	<1.2	ug/L	4.2	1.2	1		12/17/20 15:29	1634-04-4	
Naphthalene	<1.2	ug/L	5.0	1.2	1		12/17/20 15:29	91-20-3	
n-Propylbenzene	<0.81	ug/L	5.0	0.81	1		12/17/20 15:29	103-65-1	
Styrene	<3.0	ug/L	10.0	3.0	1		12/17/20 15:29	100-42-5	
1,1,1,2-Tetrachloroethane	<0.27	ug/L	1.0	0.27	1		12/17/20 15:29	630-20-6	
1,1,2,2-Tetrachloroethane	<0.28	ug/L	1.0	0.28	1		12/17/20 15:29	79-34-5	
Tetrachloroethene	<0.33	ug/L	1.1	0.33	1		12/17/20 15:29	127-18-4	
Toluene	<0.27	ug/L	1.0	0.27	1		12/17/20 15:29	108-88-3	
1,2,3-Trichlorobenzene	<2.2	ug/L	7.4	2.2	1		12/17/20 15:29	87-61-6	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		12/17/20 15:29	120-82-1	
1,1,1-Trichloroethane	<0.24	ug/L	1.0	0.24	1		12/17/20 15:29	71-55-6	
1,1,2-Trichloroethane	<0.55	ug/L	5.0	0.55	1		12/17/20 15:29	79-00-5	
Trichloroethene	0.27J	ug/L	1.0	0.26	1		12/17/20 15:29	79-01-6	
Trichlorofluoromethane	<0.21	ug/L	1.0	0.21	1		12/17/20 15:29	75-69-4	
1,2,3-Trichloropropane	<0.59	ug/L	5.0	0.59	1		12/17/20 15:29	96-18-4	
1,2,4-Trimethylbenzene	<0.84	ug/L	2.8	0.84	1		12/17/20 15:29	95-63-6	
1,3,5-Trimethylbenzene	<0.87	ug/L	2.9	0.87	1		12/17/20 15:29	108-67-8	
Vinyl chloride	4.6	ug/L	1.0	0.17	1		12/17/20 15:29	75-01-4	
Xylene (Total)	<1.5	ug/L	3.0	1.5	1		12/17/20 15:29	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	94	%	70-130		1		12/17/20 15:29	460-00-4	
Dibromofluoromethane (S)	99	%	70-130		1		12/17/20 15:29	1868-53-7	
Toluene-d8 (S)	95	%	70-130		1		12/17/20 15:29	2037-26-5	
4500S2F Sulfide, Iodometric									
Analytical Method: SM 4500-S F (2000)									
Pace Analytical Services - Green Bay									
Sulfide	<1.2	mg/L	4.0	1.2	1		12/18/20 14:51		

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ANALYTICAL RESULTS

Project: 60646104 KEP

Pace Project No.: 40219951

Sample: PZ-2112 **Lab ID: 40219951014** Collected: 12/15/20 11:25 Received: 12/16/20 12:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
300.0 IC Anions									
Analytical Method: EPA 300.0 Pace Analytical Services - Green Bay									
Chloride	231	mg/L	40.0	8.6	20		12/22/20 06:58	16887-00-6	
Sulfate	840	mg/L	40.0	8.9	20		12/22/20 06:58	14808-79-8	
310.2 Alkalinity									
Analytical Method: EPA 310.2 Pace Analytical Services - Green Bay									
Alkalinity, Total as CaCO ₃	422	mg/L	24.8	7.4	1		12/23/20 13:18		
410.4 COD									
Analytical Method: EPA 410.4 Preparation Method: EPA 410.4 Pace Analytical Services - Green Bay									
Chemical Oxygen Demand	35.0J	mg/L	50.0	14.7	1	12/22/20 17:02	12/22/20 20:49		
5310C TOC									
Analytical Method: SM 5310C Pace Analytical Services - Green Bay									
Total Organic Carbon	6.6	mg/L	1.5	0.42	3		12/18/20 05:20	7440-44-0	

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ANALYTICAL RESULTS

Project: 60646104 KEP
Pace Project No.: 40219951

Sample: MW-2112D **Lab ID: 40219951015** Collected: 12/15/20 11:45 Received: 12/16/20 12:00 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	<1.2	ug/L	5.6	1.2	1		12/21/20 11:11	74-84-0	
Ethene	9.8	ug/L	5.0	1.2	1		12/21/20 11:11	74-85-1	M1
Methane	16.2	ug/L	2.8	0.66	1		12/21/20 11:11	74-82-8	M1
6020 MET ICPMS									
Analytical Method: EPA 6020 Preparation Method: EPA 3010 Pace Analytical Services - Green Bay									
Iron	3.5	mg/L	0.25	0.058	1	12/17/20 05:33	12/18/20 03:02	7439-89-6	
Manganese	0.38	mg/L	0.0040	0.0012	1	12/17/20 05:33	12/18/20 03:02	7439-96-5	
6020 MET ICPMS, Dissolved									
Analytical Method: EPA 6020 Preparation Method: EPA 3010 Pace Analytical Services - Green Bay									
Barium, Dissolved	0.060	mg/L	0.0023	0.00070	1	12/17/20 05:50	12/19/20 11:23	7440-39-3	
Chromium, Dissolved	<0.0010	mg/L	0.0034	0.0010	1	12/17/20 05:50	12/19/20 11:23	7440-47-3	
Iron, Dissolved	3.3	mg/L	0.25	0.058	1	12/17/20 05:50	12/19/20 11:23	7439-89-6	
Lead, Dissolved	<0.00024	mg/L	0.0010	0.00024	1	12/17/20 05:50	12/19/20 11:23	7439-92-1	
Manganese, Dissolved	0.38	mg/L	0.0040	0.0012	1	12/17/20 05:50	12/19/20 11:23	7439-96-5	
Nickel, Dissolved	0.0023	mg/L	0.0010	0.00028	1	12/17/20 05:50	12/19/20 11:23	7440-02-0	
8260 MSV									
Analytical Method: EPA 8260 Pace Analytical Services - Green Bay									
Benzene	<2.5	ug/L	10.0	2.5	10		12/17/20 12:29	71-43-2	
Bromobenzene	<2.4	ug/L	10.0	2.4	10		12/17/20 12:29	108-86-1	
Bromochloromethane	<3.6	ug/L	50.0	3.6	10		12/17/20 12:29	74-97-5	
Bromodichloromethane	<3.6	ug/L	12.1	3.6	10		12/17/20 12:29	75-27-4	
Bromoform	<39.7	ug/L	132	39.7	10		12/17/20 12:29	75-25-2	
Bromomethane	<9.7	ug/L	50.0	9.7	10		12/17/20 12:29	74-83-9	
n-Butylbenzene	<7.1	ug/L	23.6	7.1	10		12/17/20 12:29	104-51-8	
sec-Butylbenzene	<8.5	ug/L	50.0	8.5	10		12/17/20 12:29	135-98-8	
tert-Butylbenzene	<3.0	ug/L	10.1	3.0	10		12/17/20 12:29	98-06-6	
Carbon tetrachloride	<10.8	ug/L	35.9	10.8	10		12/17/20 12:29	56-23-5	
Chlorobenzene	<7.1	ug/L	23.7	7.1	10		12/17/20 12:29	108-90-7	
Chloroethane	<13.4	ug/L	50.0	13.4	10		12/17/20 12:29	75-00-3	
Chloroform	<12.7	ug/L	50.0	12.7	10		12/17/20 12:29	67-66-3	
Chloromethane	<21.9	ug/L	73.0	21.9	10		12/17/20 12:29	74-87-3	
2-Chlorotoluene	<9.3	ug/L	50.0	9.3	10		12/17/20 12:29	95-49-8	
4-Chlorotoluene	<7.6	ug/L	25.2	7.6	10		12/17/20 12:29	106-43-4	
1,2-Dibromo-3-chloropropane	<17.6	ug/L	58.8	17.6	10		12/17/20 12:29	96-12-8	
Dibromochloromethane	<26.0	ug/L	86.7	26.0	10		12/17/20 12:29	124-48-1	
1,2-Dibromoethane (EDB)	<8.3	ug/L	27.6	8.3	10		12/17/20 12:29	106-93-4	
Dibromomethane	<9.4	ug/L	31.2	9.4	10		12/17/20 12:29	74-95-3	
1,2-Dichlorobenzene	<7.1	ug/L	23.5	7.1	10		12/17/20 12:29	95-50-1	
1,3-Dichlorobenzene	<6.3	ug/L	20.9	6.3	10		12/17/20 12:29	541-73-1	
1,4-Dichlorobenzene	<9.4	ug/L	31.5	9.4	10		12/17/20 12:29	106-46-7	
Dichlorodifluoromethane	<5.0	ug/L	50.0	5.0	10		12/17/20 12:29	75-71-8	
1,1-Dichloroethane	<2.7	ug/L	10.0	2.7	10		12/17/20 12:29	75-34-3	

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ANALYTICAL RESULTS

Project: 60646104 KEP

Pace Project No.: 40219951

Sample: MW-2112D **Lab ID: 40219951015** Collected: 12/15/20 11:45 Received: 12/16/20 12:00 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-Dichloroethane	<2.8	ug/L	10.0	2.8	10		12/17/20 12:29	107-06-2	
1,1-Dichloroethene	<2.4	ug/L	10.0	2.4	10		12/17/20 12:29	75-35-4	
cis-1,2-Dichloroethene	761	ug/L	10.0	2.7	10		12/17/20 12:29	156-59-2	
trans-1,2-Dichloroethene	6.8J	ug/L	15.5	4.6	10		12/17/20 12:29	156-60-5	
1,2-Dichloropropane	<2.8	ug/L	10.0	2.8	10		12/17/20 12:29	78-87-5	
1,3-Dichloropropane	<8.3	ug/L	27.5	8.3	10		12/17/20 12:29	142-28-9	
2,2-Dichloropropane	<22.7	ug/L	75.5	22.7	10		12/17/20 12:29	594-20-7	
1,1-Dichloropropene	<5.4	ug/L	18.0	5.4	10		12/17/20 12:29	563-58-6	
cis-1,3-Dichloropropene	<36.3	ug/L	121	36.3	10		12/17/20 12:29	10061-01-5	
trans-1,3-Dichloropropene	<43.7	ug/L	146	43.7	10		12/17/20 12:29	10061-02-6	
Diisopropyl ether	<18.9	ug/L	62.9	18.9	10		12/17/20 12:29	108-20-3	
Ethylbenzene	<3.2	ug/L	10.6	3.2	10		12/17/20 12:29	100-41-4	
Hexachloro-1,3-butadiene	<14.6	ug/L	48.8	14.6	10		12/17/20 12:29	87-68-3	
Isopropylbenzene (Cumene)	<16.9	ug/L	56.2	16.9	10		12/17/20 12:29	98-82-8	
p-Isopropyltoluene	<8.0	ug/L	26.7	8.0	10		12/17/20 12:29	99-87-6	
Methylene Chloride	<5.8	ug/L	50.0	5.8	10		12/17/20 12:29	75-09-2	
Methyl-tert-butyl ether	<12.5	ug/L	41.5	12.5	10		12/17/20 12:29	1634-04-4	
Naphthalene	<11.8	ug/L	50.0	11.8	10		12/17/20 12:29	91-20-3	
n-Propylbenzene	<8.1	ug/L	50.0	8.1	10		12/17/20 12:29	103-65-1	
Styrene	<30.1	ug/L	100	30.1	10		12/17/20 12:29	100-42-5	
1,1,1,2-Tetrachloroethane	<2.7	ug/L	10.0	2.7	10		12/17/20 12:29	630-20-6	
1,1,2,2-Tetrachloroethane	<2.8	ug/L	10.0	2.8	10		12/17/20 12:29	79-34-5	
Tetrachloroethene	<3.3	ug/L	10.9	3.3	10		12/17/20 12:29	127-18-4	
Toluene	<2.7	ug/L	10.0	2.7	10		12/17/20 12:29	108-88-3	
1,2,3-Trichlorobenzene	<22.1	ug/L	73.7	22.1	10		12/17/20 12:29	87-61-6	
1,2,4-Trichlorobenzene	<9.5	ug/L	50.0	9.5	10		12/17/20 12:29	120-82-1	
1,1,1-Trichloroethane	<2.4	ug/L	10.0	2.4	10		12/17/20 12:29	71-55-6	
1,1,2-Trichloroethane	<5.5	ug/L	50.0	5.5	10		12/17/20 12:29	79-00-5	
Trichloroethene	<2.6	ug/L	10.0	2.6	10		12/18/20 12:27	79-01-6	
Trichlorofluoromethane	<2.1	ug/L	10.0	2.1	10		12/17/20 12:29	75-69-4	
1,2,3-Trichloropropane	<5.9	ug/L	50.0	5.9	10		12/17/20 12:29	96-18-4	
1,2,4-Trimethylbenzene	<8.4	ug/L	28.0	8.4	10		12/17/20 12:29	95-63-6	
1,3,5-Trimethylbenzene	<8.7	ug/L	29.1	8.7	10		12/17/20 12:29	108-67-8	
Vinyl chloride	302	ug/L	10.0	1.7	10		12/17/20 12:29	75-01-4	
Xylene (Total)	<15.0	ug/L	30.0	15.0	10		12/17/20 12:29	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	94	%	70-130		10		12/18/20 12:27	460-00-4	
Dibromofluoromethane (S)	99	%	70-130		10		12/18/20 12:27	1868-53-7	
Toluene-d8 (S)	94	%	70-130		10		12/18/20 12:27	2037-26-5	

4500S2F Sulfide, Iodometric

Analytical Method: SM 4500-S F (2000)

Pace Analytical Services - Green Bay

Sulfide	<1.2	mg/L	4.0	1.2	1		12/18/20 14:54		
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ANALYTICAL RESULTS

Project: 60646104 KEP

Pace Project No.: 40219951

Sample: MW-2112D **Lab ID: 40219951015** Collected: 12/15/20 11:45 Received: 12/16/20 12:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
300.0 IC Anions									
Analytical Method: EPA 300.0 Pace Analytical Services - Green Bay									
Chloride	78.1	mg/L	20.0	4.3	10		12/21/20 18:35	16887-00-6	
Sulfate	270	mg/L	20.0	4.4	10		12/21/20 18:35	14808-79-8	
310.2 Alkalinity									
Analytical Method: EPA 310.2 Pace Analytical Services - Green Bay									
Alkalinity, Total as CaCO ₃	351	mg/L	24.8	7.4	1		12/23/20 13:23		
410.4 COD									
Analytical Method: EPA 410.4 Preparation Method: EPA 410.4 Pace Analytical Services - Green Bay									
Chemical Oxygen Demand	35.0J	mg/L	50.0	14.7	1	12/22/20 17:02	12/22/20 20:49		
5310C TOC									
Analytical Method: SM 5310C Pace Analytical Services - Green Bay									
Total Organic Carbon	7.2	mg/L	1.5	0.42	3		12/18/20 05:34	7440-44-0	

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ANALYTICAL RESULTS

Project: 60646104 KEP
Pace Project No.: 40219951

Sample: PZ-2112D **Lab ID: 40219951016** Collected: 12/15/20 11:30 Received: 12/16/20 12:00 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	<1.2	ug/L	5.6	1.2	1		12/21/20 11:18	74-84-0	
Ethene	<1.2	ug/L	5.0	1.2	1		12/21/20 11:18	74-85-1	
Methane	0.70J	ug/L	2.8	0.66	1		12/21/20 11:18	74-82-8	
6020 MET ICPMS									
Analytical Method: EPA 6020 Preparation Method: EPA 3010 Pace Analytical Services - Green Bay									
Iron	<0.058	mg/L	0.25	0.058	1	12/17/20 05:33	12/18/20 03:08	7439-89-6	
Manganese	0.025	mg/L	0.0040	0.0012	1	12/17/20 05:33	12/18/20 03:08	7439-96-5	
6020 MET ICPMS, Dissolved									
Analytical Method: EPA 6020 Preparation Method: EPA 3010 Pace Analytical Services - Green Bay									
Barium, Dissolved	0.086	mg/L	0.0023	0.00070	1	12/17/20 05:50	12/19/20 11:30	7440-39-3	
Chromium, Dissolved	<0.0010	mg/L	0.0034	0.0010	1	12/17/20 05:50	12/19/20 11:30	7440-47-3	
Iron, Dissolved	<0.058	mg/L	0.25	0.058	1	12/17/20 05:50	12/19/20 11:30	7439-89-6	
Lead, Dissolved	<0.00024	mg/L	0.0010	0.00024	1	12/17/20 05:50	12/19/20 11:30	7439-92-1	
Manganese, Dissolved	0.020	mg/L	0.0040	0.0012	1	12/17/20 05:50	12/19/20 11:30	7439-96-5	
Nickel, Dissolved	0.0046	mg/L	0.0010	0.00028	1	12/17/20 05:50	12/19/20 11:30	7440-02-0	
8260 MSV									
Analytical Method: EPA 8260 Pace Analytical Services - Green Bay									
Benzene	<0.25	ug/L	1.0	0.25	1		12/17/20 15:52	71-43-2	
Bromobenzene	<0.24	ug/L	1.0	0.24	1		12/17/20 15:52	108-86-1	
Bromochloromethane	<0.36	ug/L	5.0	0.36	1		12/17/20 15:52	74-97-5	
Bromodichloromethane	<0.36	ug/L	1.2	0.36	1		12/17/20 15:52	75-27-4	
Bromoform	<4.0	ug/L	13.2	4.0	1		12/17/20 15:52	75-25-2	
Bromomethane	<0.97	ug/L	5.0	0.97	1		12/17/20 15:52	74-83-9	
n-Butylbenzene	<0.71	ug/L	2.4	0.71	1		12/17/20 15:52	104-51-8	
sec-Butylbenzene	<0.85	ug/L	5.0	0.85	1		12/17/20 15:52	135-98-8	
tert-Butylbenzene	<0.30	ug/L	1.0	0.30	1		12/17/20 15:52	98-06-6	
Carbon tetrachloride	<1.1	ug/L	3.6	1.1	1		12/17/20 15:52	56-23-5	
Chlorobenzene	<0.71	ug/L	2.4	0.71	1		12/17/20 15:52	108-90-7	
Chloroethane	<1.3	ug/L	5.0	1.3	1		12/17/20 15:52	75-00-3	
Chloroform	<1.3	ug/L	5.0	1.3	1		12/17/20 15:52	67-66-3	
Chloromethane	<2.2	ug/L	7.3	2.2	1		12/17/20 15:52	74-87-3	
2-Chlorotoluene	<0.93	ug/L	5.0	0.93	1		12/17/20 15:52	95-49-8	
4-Chlorotoluene	<0.76	ug/L	2.5	0.76	1		12/17/20 15:52	106-43-4	
1,2-Dibromo-3-chloropropane	<1.8	ug/L	5.9	1.8	1		12/17/20 15:52	96-12-8	
Dibromochloromethane	<2.6	ug/L	8.7	2.6	1		12/17/20 15:52	124-48-1	
1,2-Dibromoethane (EDB)	<0.83	ug/L	2.8	0.83	1		12/17/20 15:52	106-93-4	
Dibromomethane	<0.94	ug/L	3.1	0.94	1		12/17/20 15:52	74-95-3	
1,2-Dichlorobenzene	<0.71	ug/L	2.4	0.71	1		12/17/20 15:52	95-50-1	
1,3-Dichlorobenzene	<0.63	ug/L	2.1	0.63	1		12/17/20 15:52	541-73-1	
1,4-Dichlorobenzene	<0.94	ug/L	3.1	0.94	1		12/17/20 15:52	106-46-7	
Dichlorodifluoromethane	<0.50	ug/L	5.0	0.50	1		12/17/20 15:52	75-71-8	
1,1-Dichloroethane	<0.27	ug/L	1.0	0.27	1		12/17/20 15:52	75-34-3	

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ANALYTICAL RESULTS

Project: 60646104 KEP
Pace Project No.: 40219951

Sample: PZ-2112D **Lab ID: 40219951016** Collected: 12/15/20 11:30 Received: 12/16/20 12:00 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-Dichloroethane	<0.28	ug/L	1.0	0.28	1		12/17/20 15:52	107-06-2	
1,1-Dichloroethane	<0.24	ug/L	1.0	0.24	1		12/17/20 15:52	75-35-4	
cis-1,2-Dichloroethene	0.84J	ug/L	1.0	0.27	1		12/17/20 15:52	156-59-2	
trans-1,2-Dichloroethene	<0.46	ug/L	1.5	0.46	1		12/17/20 15:52	156-60-5	
1,2-Dichloropropane	<0.28	ug/L	1.0	0.28	1		12/17/20 15:52	78-87-5	
1,3-Dichloropropane	<0.83	ug/L	2.8	0.83	1		12/17/20 15:52	142-28-9	
2,2-Dichloropropane	<2.3	ug/L	7.6	2.3	1		12/17/20 15:52	594-20-7	
1,1-Dichloropropene	<0.54	ug/L	1.8	0.54	1		12/17/20 15:52	563-58-6	
cis-1,3-Dichloropropene	<3.6	ug/L	12.1	3.6	1		12/17/20 15:52	10061-01-5	
trans-1,3-Dichloropropene	<4.4	ug/L	14.6	4.4	1		12/17/20 15:52	10061-02-6	
Diisopropyl ether	<1.9	ug/L	6.3	1.9	1		12/17/20 15:52	108-20-3	
Ethylbenzene	<0.32	ug/L	1.1	0.32	1		12/17/20 15:52	100-41-4	
Hexachloro-1,3-butadiene	<1.5	ug/L	4.9	1.5	1		12/17/20 15:52	87-68-3	
Isopropylbenzene (Cumene)	<1.7	ug/L	5.6	1.7	1		12/17/20 15:52	98-82-8	
p-Isopropyltoluene	<0.80	ug/L	2.7	0.80	1		12/17/20 15:52	99-87-6	
Methylene Chloride	<0.58	ug/L	5.0	0.58	1		12/17/20 15:52	75-09-2	
Methyl-tert-butyl ether	<1.2	ug/L	4.2	1.2	1		12/17/20 15:52	1634-04-4	
Naphthalene	<1.2	ug/L	5.0	1.2	1		12/17/20 15:52	91-20-3	
n-Propylbenzene	<0.81	ug/L	5.0	0.81	1		12/17/20 15:52	103-65-1	
Styrene	<3.0	ug/L	10.0	3.0	1		12/17/20 15:52	100-42-5	
1,1,1,2-Tetrachloroethane	<0.27	ug/L	1.0	0.27	1		12/17/20 15:52	630-20-6	
1,1,2,2-Tetrachloroethane	<0.28	ug/L	1.0	0.28	1		12/17/20 15:52	79-34-5	
Tetrachloroethene	<0.33	ug/L	1.1	0.33	1		12/17/20 15:52	127-18-4	
Toluene	<0.27	ug/L	1.0	0.27	1		12/17/20 15:52	108-88-3	
1,2,3-Trichlorobenzene	<2.2	ug/L	7.4	2.2	1		12/17/20 15:52	87-61-6	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		12/17/20 15:52	120-82-1	
1,1,1-Trichloroethane	<0.24	ug/L	1.0	0.24	1		12/17/20 15:52	71-55-6	
1,1,2-Trichloroethane	<0.55	ug/L	5.0	0.55	1		12/17/20 15:52	79-00-5	
Trichloroethene	0.26J	ug/L	1.0	0.26	1		12/17/20 15:52	79-01-6	
Trichlorofluoromethane	<0.21	ug/L	1.0	0.21	1		12/17/20 15:52	75-69-4	
1,2,3-Trichloropropane	<0.59	ug/L	5.0	0.59	1		12/17/20 15:52	96-18-4	
1,2,4-Trimethylbenzene	<0.84	ug/L	2.8	0.84	1		12/17/20 15:52	95-63-6	
1,3,5-Trimethylbenzene	<0.87	ug/L	2.9	0.87	1		12/17/20 15:52	108-67-8	
Vinyl chloride	1.7	ug/L	1.0	0.17	1		12/17/20 15:52	75-01-4	
Xylene (Total)	<1.5	ug/L	3.0	1.5	1		12/17/20 15:52	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	95	%	70-130		1		12/17/20 15:52	460-00-4	
Dibromofluoromethane (S)	98	%	70-130		1		12/17/20 15:52	1868-53-7	
Toluene-d8 (S)	95	%	70-130		1		12/17/20 15:52	2037-26-5	

4500S2F Sulfide, Iodometric

Analytical Method: SM 4500-S F (2000)
Pace Analytical Services - Green Bay

Sulfide	<1.2	mg/L	4.0	1.2	1		12/18/20 14:56		
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ANALYTICAL RESULTS

Project: 60646104 KEP

Pace Project No.: 40219951

Sample: PZ-2112D **Lab ID: 40219951016** Collected: 12/15/20 11:30 Received: 12/16/20 12:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
300.0 IC Anions									
Analytical Method: EPA 300.0 Pace Analytical Services - Green Bay									
Chloride	226	mg/L	40.0	8.6	20		12/21/20 18:49	16887-00-6	
Sulfate	816	mg/L	40.0	8.9	20		12/21/20 18:49	14808-79-8	
310.2 Alkalinity									
Analytical Method: EPA 310.2 Pace Analytical Services - Green Bay									
Alkalinity, Total as CaCO ₃	422	mg/L	24.8	7.4	1		12/23/20 13:24		
410.4 COD									
Analytical Method: EPA 410.4 Preparation Method: EPA 410.4 Pace Analytical Services - Green Bay									
Chemical Oxygen Demand	35.0J	mg/L	50.0	14.7	1	12/22/20 17:02	12/22/20 20:49		
5310C TOC									
Analytical Method: SM 5310C Pace Analytical Services - Green Bay									
Total Organic Carbon	6.6	mg/L	1.5	0.42	3		12/18/20 06:18	7440-44-0	

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ANALYTICAL RESULTS

Project: 60646104 KEP
Pace Project No.: 40219951

Sample: MW-2110 **Lab ID: 40219951017** Collected: 12/15/20 15:00 Received: 12/16/20 12:00 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	<1.2	ug/L	5.6	1.2	1		12/21/20 11:25	74-84-0	
Ethene	<1.2	ug/L	5.0	1.2	1		12/21/20 11:25	74-85-1	
Methane	10.4	ug/L	2.8	0.66	1		12/21/20 11:25	74-82-8	
6020 MET ICPMS									
Analytical Method: EPA 6020 Preparation Method: EPA 3010 Pace Analytical Services - Green Bay									
Iron	1.2	mg/L	0.25	0.058	1	12/17/20 05:33	12/18/20 03:15	7439-89-6	
Manganese	0.29	mg/L	0.0040	0.0012	1	12/17/20 05:33	12/18/20 03:15	7439-96-5	
6020 MET ICPMS, Dissolved									
Analytical Method: EPA 6020 Preparation Method: EPA 3010 Pace Analytical Services - Green Bay									
Barium, Dissolved	0.074	mg/L	0.0023	0.00070	1	12/17/20 05:50	12/19/20 11:36	7440-39-3	
Chromium, Dissolved	<0.0010	mg/L	0.0034	0.0010	1	12/17/20 05:50	12/19/20 11:36	7440-47-3	
Iron, Dissolved	1.2	mg/L	0.25	0.058	1	12/17/20 05:50	12/19/20 11:36	7439-89-6	
Lead, Dissolved	<0.00024	mg/L	0.0010	0.00024	1	12/17/20 05:50	12/19/20 11:36	7439-92-1	
Manganese, Dissolved	0.29	mg/L	0.0040	0.0012	1	12/17/20 05:50	12/19/20 11:36	7439-96-5	
Nickel, Dissolved	0.0022	mg/L	0.0010	0.00028	1	12/17/20 05:50	12/19/20 11:36	7440-02-0	
8260 MSV									
Analytical Method: EPA 8260 Pace Analytical Services - Green Bay									
Benzene	<0.25	ug/L	1.0	0.25	1		12/17/20 16:14	71-43-2	
Bromobenzene	<0.24	ug/L	1.0	0.24	1		12/17/20 16:14	108-86-1	
Bromochloromethane	<0.36	ug/L	5.0	0.36	1		12/17/20 16:14	74-97-5	
Bromodichloromethane	<0.36	ug/L	1.2	0.36	1		12/17/20 16:14	75-27-4	
Bromoform	<4.0	ug/L	13.2	4.0	1		12/17/20 16:14	75-25-2	
Bromomethane	<0.97	ug/L	5.0	0.97	1		12/17/20 16:14	74-83-9	
n-Butylbenzene	<0.71	ug/L	2.4	0.71	1		12/17/20 16:14	104-51-8	
sec-Butylbenzene	<0.85	ug/L	5.0	0.85	1		12/17/20 16:14	135-98-8	
tert-Butylbenzene	<0.30	ug/L	1.0	0.30	1		12/17/20 16:14	98-06-6	
Carbon tetrachloride	<1.1	ug/L	3.6	1.1	1		12/17/20 16:14	56-23-5	
Chlorobenzene	<0.71	ug/L	2.4	0.71	1		12/17/20 16:14	108-90-7	
Chloroethane	<1.3	ug/L	5.0	1.3	1		12/17/20 16:14	75-00-3	
Chloroform	<1.3	ug/L	5.0	1.3	1		12/17/20 16:14	67-66-3	
Chloromethane	<2.2	ug/L	7.3	2.2	1		12/17/20 16:14	74-87-3	
2-Chlorotoluene	<0.93	ug/L	5.0	0.93	1		12/17/20 16:14	95-49-8	
4-Chlorotoluene	<0.76	ug/L	2.5	0.76	1		12/17/20 16:14	106-43-4	
1,2-Dibromo-3-chloropropane	<1.8	ug/L	5.9	1.8	1		12/17/20 16:14	96-12-8	
Dibromochloromethane	<2.6	ug/L	8.7	2.6	1		12/17/20 16:14	124-48-1	
1,2-Dibromoethane (EDB)	<0.83	ug/L	2.8	0.83	1		12/17/20 16:14	106-93-4	
Dibromomethane	<0.94	ug/L	3.1	0.94	1		12/17/20 16:14	74-95-3	
1,2-Dichlorobenzene	<0.71	ug/L	2.4	0.71	1		12/17/20 16:14	95-50-1	
1,3-Dichlorobenzene	<0.63	ug/L	2.1	0.63	1		12/17/20 16:14	541-73-1	
1,4-Dichlorobenzene	<0.94	ug/L	3.1	0.94	1		12/17/20 16:14	106-46-7	
Dichlorodifluoromethane	<0.50	ug/L	5.0	0.50	1		12/17/20 16:14	75-71-8	
1,1-Dichloroethane	<0.27	ug/L	1.0	0.27	1		12/17/20 16:14	75-34-3	

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ANALYTICAL RESULTS

Project: 60646104 KEP

Pace Project No.: 40219951

Sample: MW-2110 **Lab ID: 40219951017** Collected: 12/15/20 15:00 Received: 12/16/20 12:00 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-Dichloroethane	<0.28	ug/L	1.0	0.28	1		12/17/20 16:14	107-06-2	
1,1-Dichloroethene	<0.24	ug/L	1.0	0.24	1		12/17/20 16:14	75-35-4	
cis-1,2-Dichloroethene	8.4	ug/L	1.0	0.27	1		12/17/20 16:14	156-59-2	
trans-1,2-Dichloroethene	<0.46	ug/L	1.5	0.46	1		12/17/20 16:14	156-60-5	
1,2-Dichloropropane	<0.28	ug/L	1.0	0.28	1		12/17/20 16:14	78-87-5	
1,3-Dichloropropane	<0.83	ug/L	2.8	0.83	1		12/17/20 16:14	142-28-9	
2,2-Dichloropropane	<2.3	ug/L	7.6	2.3	1		12/17/20 16:14	594-20-7	
1,1-Dichloropropene	<0.54	ug/L	1.8	0.54	1		12/17/20 16:14	563-58-6	
cis-1,3-Dichloropropene	<3.6	ug/L	12.1	3.6	1		12/17/20 16:14	10061-01-5	
trans-1,3-Dichloropropene	<4.4	ug/L	14.6	4.4	1		12/17/20 16:14	10061-02-6	
Diisopropyl ether	<1.9	ug/L	6.3	1.9	1		12/17/20 16:14	108-20-3	
Ethylbenzene	<0.32	ug/L	1.1	0.32	1		12/17/20 16:14	100-41-4	
Hexachloro-1,3-butadiene	<1.5	ug/L	4.9	1.5	1		12/17/20 16:14	87-68-3	
Isopropylbenzene (Cumene)	<1.7	ug/L	5.6	1.7	1		12/17/20 16:14	98-82-8	
p-Isopropyltoluene	<0.80	ug/L	2.7	0.80	1		12/17/20 16:14	99-87-6	
Methylene Chloride	<0.58	ug/L	5.0	0.58	1		12/17/20 16:14	75-09-2	
Methyl-tert-butyl ether	<1.2	ug/L	4.2	1.2	1		12/17/20 16:14	1634-04-4	
Naphthalene	<1.2	ug/L	5.0	1.2	1		12/17/20 16:14	91-20-3	
n-Propylbenzene	<0.81	ug/L	5.0	0.81	1		12/17/20 16:14	103-65-1	
Styrene	<3.0	ug/L	10.0	3.0	1		12/17/20 16:14	100-42-5	
1,1,1,2-Tetrachloroethane	<0.27	ug/L	1.0	0.27	1		12/17/20 16:14	630-20-6	
1,1,1,2,2-Tetrachloroethane	<0.28	ug/L	1.0	0.28	1		12/17/20 16:14	79-34-5	
Tetrachloroethene	<0.33	ug/L	1.1	0.33	1		12/17/20 16:14	127-18-4	
Toluene	<0.27	ug/L	1.0	0.27	1		12/17/20 16:14	108-88-3	
1,2,3-Trichlorobenzene	<2.2	ug/L	7.4	2.2	1		12/17/20 16:14	87-61-6	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		12/17/20 16:14	120-82-1	
1,1,1-Trichloroethane	<0.24	ug/L	1.0	0.24	1		12/17/20 16:14	71-55-6	
1,1,2-Trichloroethane	<0.55	ug/L	5.0	0.55	1		12/17/20 16:14	79-00-5	
Trichloroethene	<0.26	ug/L	1.0	0.26	1		12/17/20 16:14	79-01-6	
Trichlorofluoromethane	<0.21	ug/L	1.0	0.21	1		12/17/20 16:14	75-69-4	
1,2,3-Trichloropropane	<0.59	ug/L	5.0	0.59	1		12/17/20 16:14	96-18-4	
1,2,4-Trimethylbenzene	<0.84	ug/L	2.8	0.84	1		12/17/20 16:14	95-63-6	
1,3,5-Trimethylbenzene	<0.87	ug/L	2.9	0.87	1		12/17/20 16:14	108-67-8	
Vinyl chloride	5.3	ug/L	1.0	0.17	1		12/17/20 16:14	75-01-4	
Xylene (Total)	<1.5	ug/L	3.0	1.5	1		12/17/20 16:14	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	94	%	70-130		1		12/17/20 16:14	460-00-4	
Dibromofluoromethane (S)	98	%	70-130		1		12/17/20 16:14	1868-53-7	
Toluene-d8 (S)	95	%	70-130		1		12/17/20 16:14	2037-26-5	
4500S2F Sulfide, Iodometric									
Analytical Method: SM 4500-S F (2000)									
Pace Analytical Services - Green Bay									
Sulfide	<1.2	mg/L	4.0	1.2	1		12/18/20 14:57		

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ANALYTICAL RESULTS

Project: 60646104 KEP
Pace Project No.: 40219951

Sample: MW-2110 **Lab ID: 40219951017** Collected: 12/15/20 15:00 Received: 12/16/20 12:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
300.0 IC Anions									
Analytical Method: EPA 300.0 Pace Analytical Services - Green Bay									
Chloride	189	mg/L	20.0	4.3	10		12/21/20 19:03	16887-00-6	
Sulfate	260	mg/L	20.0	4.4	10		12/21/20 19:03	14808-79-8	
310.2 Alkalinity									
Analytical Method: EPA 310.2 Pace Analytical Services - Green Bay									
Alkalinity, Total as CaCO ₃	359	mg/L	24.8	7.4	1		12/23/20 13:25		
410.4 COD									
Analytical Method: EPA 410.4 Preparation Method: EPA 410.4 Pace Analytical Services - Green Bay									
Chemical Oxygen Demand	19.3J	mg/L	50.0	14.7	1	12/22/20 17:02	12/22/20 20:49		
5310C TOC									
Analytical Method: SM 5310C Pace Analytical Services - Green Bay									
Total Organic Carbon	2.9	mg/L	0.50	0.14	1		12/18/20 06:34	7440-44-0	

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ANALYTICAL RESULTS

Project: 60646104 KEP
Pace Project No.: 40219951

Sample: MW-2102 **Lab ID: 40219951018** Collected: 12/15/20 14:50 Received: 12/16/20 12:00 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	<1.2	ug/L	5.6	1.2	1		12/21/20 11:32	74-84-0	
Ethene	2.2J	ug/L	5.0	1.2	1		12/21/20 11:32	74-85-1	
Methane	15.5	ug/L	2.8	0.66	1		12/21/20 11:32	74-82-8	
6020 MET ICPMS									
Analytical Method: EPA 6020 Preparation Method: EPA 3010 Pace Analytical Services - Green Bay									
Iron	3.4	mg/L	0.25	0.058	1	12/17/20 05:33	12/18/20 03:22	7439-89-6	
Manganese	0.32	mg/L	0.0040	0.0012	1	12/17/20 05:33	12/18/20 03:22	7439-96-5	
6020 MET ICPMS, Dissolved									
Analytical Method: EPA 6020 Preparation Method: EPA 3010 Pace Analytical Services - Green Bay									
Barium, Dissolved	0.066	mg/L	0.0023	0.00070	1	12/17/20 05:50	12/19/20 11:43	7440-39-3	
Chromium, Dissolved	<0.0010	mg/L	0.0034	0.0010	1	12/17/20 05:50	12/19/20 11:43	7440-47-3	
Iron, Dissolved	3.2	mg/L	0.25	0.058	1	12/17/20 05:50	12/19/20 11:43	7439-89-6	
Lead, Dissolved	<0.00024	mg/L	0.0010	0.00024	1	12/17/20 05:50	12/19/20 11:43	7439-92-1	
Manganese, Dissolved	0.30	mg/L	0.0040	0.0012	1	12/17/20 05:50	12/19/20 11:43	7439-96-5	
Nickel, Dissolved	0.0033	mg/L	0.0010	0.00028	1	12/17/20 05:50	12/19/20 11:43	7440-02-0	
8260 MSV									
Analytical Method: EPA 8260 Pace Analytical Services - Green Bay									
Benzene	<1.2	ug/L	5.0	1.2	5		12/17/20 12:52	71-43-2	
Bromobenzene	<1.2	ug/L	5.0	1.2	5		12/17/20 12:52	108-86-1	
Bromochloromethane	<1.8	ug/L	25.0	1.8	5		12/17/20 12:52	74-97-5	
Bromodichloromethane	<1.8	ug/L	6.1	1.8	5		12/17/20 12:52	75-27-4	
Bromoform	<19.9	ug/L	66.2	19.9	5		12/17/20 12:52	75-25-2	
Bromomethane	<4.9	ug/L	25.0	4.9	5		12/17/20 12:52	74-83-9	
n-Butylbenzene	<3.5	ug/L	11.8	3.5	5		12/17/20 12:52	104-51-8	
sec-Butylbenzene	<4.2	ug/L	25.0	4.2	5		12/17/20 12:52	135-98-8	
tert-Butylbenzene	<1.5	ug/L	5.1	1.5	5		12/17/20 12:52	98-06-6	
Carbon tetrachloride	<5.4	ug/L	17.9	5.4	5		12/17/20 12:52	56-23-5	
Chlorobenzene	<3.6	ug/L	11.8	3.6	5		12/17/20 12:52	108-90-7	
Chloroethane	<6.7	ug/L	25.0	6.7	5		12/17/20 12:52	75-00-3	
Chloroform	<6.4	ug/L	25.0	6.4	5		12/17/20 12:52	67-66-3	
Chloromethane	<10.9	ug/L	36.5	10.9	5		12/17/20 12:52	74-87-3	
2-Chlorotoluene	<4.6	ug/L	25.0	4.6	5		12/17/20 12:52	95-49-8	
4-Chlorotoluene	<3.8	ug/L	12.6	3.8	5		12/17/20 12:52	106-43-4	
1,2-Dibromo-3-chloropropane	<8.8	ug/L	29.4	8.8	5		12/17/20 12:52	96-12-8	
Dibromochloromethane	<13.0	ug/L	43.4	13.0	5		12/17/20 12:52	124-48-1	
1,2-Dibromoethane (EDB)	<4.1	ug/L	13.8	4.1	5		12/17/20 12:52	106-93-4	
Dibromomethane	<4.7	ug/L	15.6	4.7	5		12/17/20 12:52	74-95-3	
1,2-Dichlorobenzene	<3.5	ug/L	11.8	3.5	5		12/17/20 12:52	95-50-1	
1,3-Dichlorobenzene	<3.1	ug/L	10.5	3.1	5		12/17/20 12:52	541-73-1	
1,4-Dichlorobenzene	<4.7	ug/L	15.7	4.7	5		12/17/20 12:52	106-46-7	
Dichlorodifluoromethane	<2.5	ug/L	25.0	2.5	5		12/17/20 12:52	75-71-8	
1,1-Dichloroethane	<1.4	ug/L	5.0	1.4	5		12/17/20 12:52	75-34-3	

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ANALYTICAL RESULTS

Project: 60646104 KEP
Pace Project No.: 40219951

Sample: MW-2102 **Lab ID: 40219951018** Collected: 12/15/20 14:50 Received: 12/16/20 12:00 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-Dichloroethane	<1.4	ug/L	5.0	1.4	5		12/17/20 12:52	107-06-2	
1,1-Dichloroethane	<1.2	ug/L	5.0	1.2	5		12/17/20 12:52	75-35-4	
cis-1,2-Dichloroethene	317	ug/L	5.0	1.4	5		12/17/20 12:52	156-59-2	
trans-1,2-Dichloroethene	2.5J	ug/L	7.7	2.3	5		12/17/20 12:52	156-60-5	
1,2-Dichloropropane	<1.4	ug/L	5.0	1.4	5		12/17/20 12:52	78-87-5	
1,3-Dichloropropane	<4.1	ug/L	13.8	4.1	5		12/17/20 12:52	142-28-9	
2,2-Dichloropropane	<11.3	ug/L	37.8	11.3	5		12/17/20 12:52	594-20-7	
1,1-Dichloropropene	<2.7	ug/L	9.0	2.7	5		12/17/20 12:52	563-58-6	
cis-1,3-Dichloropropene	<18.1	ug/L	60.5	18.1	5		12/17/20 12:52	10061-01-5	
trans-1,3-Dichloropropene	<21.9	ug/L	72.8	21.9	5		12/17/20 12:52	10061-02-6	
Diisopropyl ether	<9.4	ug/L	31.5	9.4	5		12/17/20 12:52	108-20-3	
Ethylbenzene	<1.6	ug/L	5.3	1.6	5		12/17/20 12:52	100-41-4	
Hexachloro-1,3-butadiene	<7.3	ug/L	24.4	7.3	5		12/17/20 12:52	87-68-3	
Isopropylbenzene (Cumene)	<8.4	ug/L	28.1	8.4	5		12/17/20 12:52	98-82-8	
p-Isopropyltoluene	<4.0	ug/L	13.3	4.0	5		12/17/20 12:52	99-87-6	
Methylene Chloride	<2.9	ug/L	25.0	2.9	5		12/17/20 12:52	75-09-2	
Methyl-tert-butyl ether	<6.2	ug/L	20.8	6.2	5		12/17/20 12:52	1634-04-4	
Naphthalene	<5.9	ug/L	25.0	5.9	5		12/17/20 12:52	91-20-3	
n-Propylbenzene	<4.1	ug/L	25.0	4.1	5		12/17/20 12:52	103-65-1	
Styrene	<15.0	ug/L	50.2	15.0	5		12/17/20 12:52	100-42-5	
1,1,1,2-Tetrachloroethane	<1.3	ug/L	5.0	1.3	5		12/17/20 12:52	630-20-6	
1,1,2,2-Tetrachloroethane	<1.4	ug/L	5.0	1.4	5		12/17/20 12:52	79-34-5	
Tetrachloroethene	<1.6	ug/L	5.4	1.6	5		12/17/20 12:52	127-18-4	
Toluene	<1.3	ug/L	5.0	1.3	5		12/17/20 12:52	108-88-3	
1,2,3-Trichlorobenzene	<11.1	ug/L	36.8	11.1	5		12/17/20 12:52	87-61-6	
1,2,4-Trichlorobenzene	<4.8	ug/L	25.0	4.8	5		12/17/20 12:52	120-82-1	
1,1,1-Trichloroethane	<1.2	ug/L	5.0	1.2	5		12/17/20 12:52	71-55-6	
1,1,2-Trichloroethane	<2.8	ug/L	25.0	2.8	5		12/17/20 12:52	79-00-5	
Trichloroethene	<1.3	ug/L	5.0	1.3	5		12/18/20 12:49	79-01-6	
Trichlorofluoromethane	<1.1	ug/L	5.0	1.1	5		12/17/20 12:52	75-69-4	
1,2,3-Trichloropropane	<3.0	ug/L	25.0	3.0	5		12/17/20 12:52	96-18-4	
1,2,4-Trimethylbenzene	<4.2	ug/L	14.0	4.2	5		12/17/20 12:52	95-63-6	
1,3,5-Trimethylbenzene	<4.4	ug/L	14.6	4.4	5		12/17/20 12:52	108-67-8	
Vinyl chloride	218	ug/L	5.0	0.87	5		12/17/20 12:52	75-01-4	
Xylene (Total)	<7.5	ug/L	15.0	7.5	5		12/17/20 12:52	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	95	%	70-130		5		12/18/20 12:49	460-00-4	
Dibromofluoromethane (S)	99	%	70-130		5		12/18/20 12:49	1868-53-7	
Toluene-d8 (S)	95	%	70-130		5		12/18/20 12:49	2037-26-5	
4500S2F Sulfide, Iodometric									
Analytical Method: SM 4500-S F (2000)									
Pace Analytical Services - Green Bay									
Sulfide	<1.2	mg/L	4.0	1.2	1		12/18/20 14:59		

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ANALYTICAL RESULTS

Project: 60646104 KEP
Pace Project No.: 40219951

Sample: MW-2102 **Lab ID: 40219951018** Collected: 12/15/20 14:50 Received: 12/16/20 12:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
300.0 IC Anions									
Analytical Method: EPA 300.0 Pace Analytical Services - Green Bay									
Chloride	88.5	mg/L	20.0	4.3	10		12/21/20 19:18	16887-00-6	
Sulfate	400	mg/L	20.0	4.4	10		12/21/20 19:18	14808-79-8	M0
310.2 Alkalinity									
Analytical Method: EPA 310.2 Pace Analytical Services - Green Bay									
Alkalinity, Total as CaCO ₃	347	mg/L	24.8	7.4	1		12/23/20 13:26		
410.4 COD									
Analytical Method: EPA 410.4 Preparation Method: EPA 410.4 Pace Analytical Services - Green Bay									
Chemical Oxygen Demand	41.7J	mg/L	50.0	14.7	1	12/22/20 17:02	12/22/20 20:49		
5310C TOC									
Analytical Method: SM 5310C Pace Analytical Services - Green Bay									
Total Organic Carbon	10.9	mg/L	3.0	0.83	6		12/18/20 07:09	7440-44-0	

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ANALYTICAL RESULTS

Project: 60646104 KEP

Pace Project No.: 40219951

Sample: TRIP BLANK **Lab ID: 40219951019** Collected: 12/15/20 17:00 Received: 12/16/20 12:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
Benzene	<0.25	ug/L	1.0	0.25	1		12/17/20 10:28	71-43-2	
Bromobenzene	<0.24	ug/L	1.0	0.24	1		12/17/20 10:28	108-86-1	
Bromochloromethane	<0.36	ug/L	5.0	0.36	1		12/17/20 10:28	74-97-5	
Bromodichloromethane	<0.36	ug/L	1.2	0.36	1		12/17/20 10:28	75-27-4	
Bromoform	<4.0	ug/L	13.2	4.0	1		12/17/20 10:28	75-25-2	
Bromomethane	<0.97	ug/L	5.0	0.97	1		12/17/20 10:28	74-83-9	
n-Butylbenzene	<0.71	ug/L	2.4	0.71	1		12/17/20 10:28	104-51-8	
sec-Butylbenzene	<0.85	ug/L	5.0	0.85	1		12/17/20 10:28	135-98-8	
tert-Butylbenzene	<0.30	ug/L	1.0	0.30	1		12/17/20 10:28	98-06-6	
Carbon tetrachloride	<1.1	ug/L	3.6	1.1	1		12/17/20 10:28	56-23-5	
Chlorobenzene	<0.71	ug/L	2.4	0.71	1		12/17/20 10:28	108-90-7	
Chloroethane	<1.3	ug/L	5.0	1.3	1		12/17/20 10:28	75-00-3	
Chloroform	<1.3	ug/L	5.0	1.3	1		12/17/20 10:28	67-66-3	
Chloromethane	<2.2	ug/L	7.3	2.2	1		12/17/20 10:28	74-87-3	
2-Chlorotoluene	<0.93	ug/L	5.0	0.93	1		12/17/20 10:28	95-49-8	
4-Chlorotoluene	<0.76	ug/L	2.5	0.76	1		12/17/20 10:28	106-43-4	
1,2-Dibromo-3-chloropropane	<1.8	ug/L	5.9	1.8	1		12/17/20 10:28	96-12-8	
Dibromochloromethane	<2.6	ug/L	8.7	2.6	1		12/17/20 10:28	124-48-1	
1,2-Dibromoethane (EDB)	<0.83	ug/L	2.8	0.83	1		12/17/20 10:28	106-93-4	
Dibromomethane	<0.94	ug/L	3.1	0.94	1		12/17/20 10:28	74-95-3	
1,2-Dichlorobenzene	<0.71	ug/L	2.4	0.71	1		12/17/20 10:28	95-50-1	
1,3-Dichlorobenzene	<0.63	ug/L	2.1	0.63	1		12/17/20 10:28	541-73-1	
1,4-Dichlorobenzene	<0.94	ug/L	3.1	0.94	1		12/17/20 10:28	106-46-7	
Dichlorodifluoromethane	<0.50	ug/L	5.0	0.50	1		12/17/20 10:28	75-71-8	
1,1-Dichloroethane	<0.27	ug/L	1.0	0.27	1		12/17/20 10:28	75-34-3	
1,2-Dichloroethane	<0.28	ug/L	1.0	0.28	1		12/17/20 10:28	107-06-2	
1,1-Dichloroethene	<0.24	ug/L	1.0	0.24	1		12/17/20 10:28	75-35-4	
cis-1,2-Dichloroethene	<0.27	ug/L	1.0	0.27	1		12/17/20 10:28	156-59-2	
trans-1,2-Dichloroethene	<0.46	ug/L	1.5	0.46	1		12/17/20 10:28	156-60-5	
1,2-Dichloropropane	<0.28	ug/L	1.0	0.28	1		12/17/20 10:28	78-87-5	
1,3-Dichloropropane	<0.83	ug/L	2.8	0.83	1		12/17/20 10:28	142-28-9	
2,2-Dichloropropane	<2.3	ug/L	7.6	2.3	1		12/17/20 10:28	594-20-7	
1,1-Dichloropropene	<0.54	ug/L	1.8	0.54	1		12/17/20 10:28	563-58-6	
cis-1,3-Dichloropropene	<3.6	ug/L	12.1	3.6	1		12/17/20 10:28	10061-01-5	
trans-1,3-Dichloropropene	<4.4	ug/L	14.6	4.4	1		12/17/20 10:28	10061-02-6	
Diisopropyl ether	<1.9	ug/L	6.3	1.9	1		12/17/20 10:28	108-20-3	
Ethylbenzene	<0.32	ug/L	1.1	0.32	1		12/17/20 10:28	100-41-4	
Hexachloro-1,3-butadiene	<1.5	ug/L	4.9	1.5	1		12/17/20 10:28	87-68-3	
Isopropylbenzene (Cumene)	<1.7	ug/L	5.6	1.7	1		12/17/20 10:28	98-82-8	
p-Isopropyltoluene	<0.80	ug/L	2.7	0.80	1		12/17/20 10:28	99-87-6	
Methylene Chloride	<0.58	ug/L	5.0	0.58	1		12/17/20 10:28	75-09-2	
Methyl-tert-butyl ether	<1.2	ug/L	4.2	1.2	1		12/17/20 10:28	1634-04-4	
Naphthalene	<1.2	ug/L	5.0	1.2	1		12/17/20 10:28	91-20-3	
n-Propylbenzene	<0.81	ug/L	5.0	0.81	1		12/17/20 10:28	103-65-1	
Styrene	<3.0	ug/L	10.0	3.0	1		12/17/20 10:28	100-42-5	

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ANALYTICAL RESULTS

Project: 60646104 KEP
Pace Project No.: 40219951

Sample: TRIP BLANK **Lab ID: 40219951019** Collected: 12/15/20 17:00 Received: 12/16/20 12:00 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	<0.27	ug/L	1.0	0.27	1		12/17/20 10:28	630-20-6	
1,1,1,2-Tetrachloroethane	<0.28	ug/L	1.0	0.28	1		12/17/20 10:28	79-34-5	
Tetrachloroethene	<0.33	ug/L	1.1	0.33	1		12/17/20 10:28	127-18-4	
Toluene	<0.27	ug/L	1.0	0.27	1		12/17/20 10:28	108-88-3	
1,2,3-Trichlorobenzene	<2.2	ug/L	7.4	2.2	1		12/17/20 10:28	87-61-6	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		12/17/20 10:28	120-82-1	
1,1,1-Trichloroethane	<0.24	ug/L	1.0	0.24	1		12/17/20 10:28	71-55-6	
1,1,2-Trichloroethane	<0.55	ug/L	5.0	0.55	1		12/17/20 10:28	79-00-5	
Trichloroethene	<0.26	ug/L	1.0	0.26	1		12/17/20 10:28	79-01-6	
Trichlorofluoromethane	<0.21	ug/L	1.0	0.21	1		12/17/20 10:28	75-69-4	
1,2,3-Trichloropropane	<0.59	ug/L	5.0	0.59	1		12/17/20 10:28	96-18-4	
1,2,4-Trimethylbenzene	<0.84	ug/L	2.8	0.84	1		12/17/20 10:28	95-63-6	
1,3,5-Trimethylbenzene	<0.87	ug/L	2.9	0.87	1		12/17/20 10:28	108-67-8	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		12/17/20 10:28	75-01-4	
Xylene (Total)	<1.5	ug/L	3.0	1.5	1		12/17/20 10:28	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	99	%	70-130		1		12/17/20 10:28	460-00-4	
Dibromofluoromethane (S)	96	%	70-130		1		12/17/20 10:28	1868-53-7	
Toluene-d8 (S)	105	%	70-130		1		12/17/20 10:28	2037-26-5	

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ANALYTICAL RESULTS

Project: 60646104 KEP
Pace Project No.: 40219951

Sample: TB-121520-1 Lab ID: 40219951020 Collected: 12/15/20 17:05 Received: 12/16/20 12:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV		Analytical Method: EPA 8260 Pace Analytical Services - Green Bay							
Benzene	<0.25	ug/L	1.0	0.25	1		12/18/20 10:11	71-43-2	
Bromobenzene	<0.24	ug/L	1.0	0.24	1		12/18/20 10:11	108-86-1	
Bromochloromethane	<0.36	ug/L	5.0	0.36	1		12/18/20 10:11	74-97-5	
Bromodichloromethane	<0.36	ug/L	1.2	0.36	1		12/18/20 10:11	75-27-4	
Bromoform	<4.0	ug/L	13.2	4.0	1		12/18/20 10:11	75-25-2	
Bromomethane	<0.97	ug/L	5.0	0.97	1		12/18/20 10:11	74-83-9	
n-Butylbenzene	<0.71	ug/L	2.4	0.71	1		12/18/20 10:11	104-51-8	
sec-Butylbenzene	<0.85	ug/L	5.0	0.85	1		12/18/20 10:11	135-98-8	
tert-Butylbenzene	<0.30	ug/L	1.0	0.30	1		12/18/20 10:11	98-06-6	
Carbon tetrachloride	<1.1	ug/L	3.6	1.1	1		12/18/20 10:11	56-23-5	
Chlorobenzene	1.3J	ug/L	2.4	0.71	1		12/18/20 10:11	108-90-7	
Chloroethane	<1.3	ug/L	5.0	1.3	1		12/18/20 10:11	75-00-3	
Chloroform	<1.3	ug/L	5.0	1.3	1		12/18/20 10:11	67-66-3	
Chloromethane	<2.2	ug/L	7.3	2.2	1		12/18/20 10:11	74-87-3	
2-Chlorotoluene	<0.93	ug/L	5.0	0.93	1		12/18/20 10:11	95-49-8	
4-Chlorotoluene	<0.76	ug/L	2.5	0.76	1		12/18/20 10:11	106-43-4	
1,2-Dibromo-3-chloropropane	<1.8	ug/L	5.9	1.8	1		12/18/20 10:11	96-12-8	
Dibromochloromethane	<2.6	ug/L	8.7	2.6	1		12/18/20 10:11	124-48-1	
1,2-Dibromoethane (EDB)	<0.83	ug/L	2.8	0.83	1		12/18/20 10:11	106-93-4	
Dibromomethane	<0.94	ug/L	3.1	0.94	1		12/18/20 10:11	74-95-3	
1,2-Dichlorobenzene	<0.71	ug/L	2.4	0.71	1		12/18/20 10:11	95-50-1	
1,3-Dichlorobenzene	<0.63	ug/L	2.1	0.63	1		12/18/20 10:11	541-73-1	
1,4-Dichlorobenzene	<0.94	ug/L	3.1	0.94	1		12/18/20 10:11	106-46-7	
Dichlorodifluoromethane	<0.50	ug/L	5.0	0.50	1		12/18/20 10:11	75-71-8	
1,1-Dichloroethane	<0.27	ug/L	1.0	0.27	1		12/18/20 10:11	75-34-3	
1,2-Dichloroethane	<0.28	ug/L	1.0	0.28	1		12/18/20 10:11	107-06-2	
1,1-Dichloroethene	<0.24	ug/L	1.0	0.24	1		12/18/20 10:11	75-35-4	
cis-1,2-Dichloroethene	<0.27	ug/L	1.0	0.27	1		12/18/20 10:11	156-59-2	
trans-1,2-Dichloroethene	<0.46	ug/L	1.5	0.46	1		12/18/20 10:11	156-60-5	
1,2-Dichloropropane	<0.28	ug/L	1.0	0.28	1		12/18/20 10:11	78-87-5	
1,3-Dichloropropane	<0.83	ug/L	2.8	0.83	1		12/18/20 10:11	142-28-9	
2,2-Dichloropropane	<2.3	ug/L	7.6	2.3	1		12/18/20 10:11	594-20-7	
1,1-Dichloropropene	<0.54	ug/L	1.8	0.54	1		12/18/20 10:11	563-58-6	
cis-1,3-Dichloropropene	<3.6	ug/L	12.1	3.6	1		12/18/20 10:11	10061-01-5	
trans-1,3-Dichloropropene	<4.4	ug/L	14.6	4.4	1		12/18/20 10:11	10061-02-6	
Diisopropyl ether	<1.9	ug/L	6.3	1.9	1		12/18/20 10:11	108-20-3	
Ethylbenzene	0.41J	ug/L	1.1	0.32	1		12/18/20 10:11	100-41-4	
Hexachloro-1,3-butadiene	<1.5	ug/L	4.9	1.5	1		12/18/20 10:11	87-68-3	
Isopropylbenzene (Cumene)	<1.7	ug/L	5.6	1.7	1		12/18/20 10:11	98-82-8	
p-Isopropyltoluene	<0.80	ug/L	2.7	0.80	1		12/18/20 10:11	99-87-6	
Methylene Chloride	<0.58	ug/L	5.0	0.58	1		12/18/20 10:11	75-09-2	
Methyl-tert-butyl ether	<1.2	ug/L	4.2	1.2	1		12/18/20 10:11	1634-04-4	
Naphthalene	<1.2	ug/L	5.0	1.2	1		12/18/20 10:11	91-20-3	
n-Propylbenzene	<0.81	ug/L	5.0	0.81	1		12/18/20 10:11	103-65-1	
Styrene	<3.0	ug/L	10.0	3.0	1		12/18/20 10:11	100-42-5	

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ANALYTICAL RESULTS

Project: 60646104 KEP
Pace Project No.: 40219951

Sample: TB-121520-1 **Lab ID: 40219951020** Collected: 12/15/20 17:05 Received: 12/16/20 12:00 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	<0.27	ug/L	1.0	0.27	1		12/18/20 10:11	630-20-6	
1,1,1,2-Tetrachloroethane	<0.28	ug/L	1.0	0.28	1		12/18/20 10:11	79-34-5	
Tetrachloroethene	<0.33	ug/L	1.1	0.33	1		12/18/20 10:11	127-18-4	
Toluene	<0.27	ug/L	1.0	0.27	1		12/18/20 10:11	108-88-3	
1,2,3-Trichlorobenzene	<2.2	ug/L	7.4	2.2	1		12/18/20 10:11	87-61-6	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		12/18/20 10:11	120-82-1	
1,1,1-Trichloroethane	<0.24	ug/L	1.0	0.24	1		12/18/20 10:11	71-55-6	
1,1,2-Trichloroethane	<0.55	ug/L	5.0	0.55	1		12/18/20 10:11	79-00-5	
Trichloroethene	<0.26	ug/L	1.0	0.26	1		12/18/20 10:11	79-01-6	
Trichlorofluoromethane	<0.21	ug/L	1.0	0.21	1		12/18/20 10:11	75-69-4	
1,2,3-Trichloropropane	<0.59	ug/L	5.0	0.59	1		12/18/20 10:11	96-18-4	
1,2,4-Trimethylbenzene	<0.84	ug/L	2.8	0.84	1		12/18/20 10:11	95-63-6	
1,3,5-Trimethylbenzene	<0.87	ug/L	2.9	0.87	1		12/18/20 10:11	108-67-8	
Vinyl chloride	0.48J	ug/L	1.0	0.17	1		12/18/20 10:11	75-01-4	
Xylene (Total)	<1.5	ug/L	3.0	1.5	1		12/18/20 10:11	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	94	%	70-130		1		12/18/20 10:11	460-00-4	
Dibromofluoromethane (S)	98	%	70-130		1		12/18/20 10:11	1868-53-7	
Toluene-d8 (S)	95	%	70-130		1		12/18/20 10:11	2037-26-5	

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ANALYTICAL RESULTS

Project: 60646104 KEP

Pace Project No.: 40219951

Sample: **TB-121520-2** Lab ID: **40219951021** Collected: 12/15/20 17:10 Received: 12/16/20 12:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV		Analytical Method: EPA 8260 Pace Analytical Services - Green Bay							
Benzene	<0.25	ug/L	1.0	0.25	1		12/18/20 10:34	71-43-2	
Bromobenzene	<0.24	ug/L	1.0	0.24	1		12/18/20 10:34	108-86-1	
Bromochloromethane	<0.36	ug/L	5.0	0.36	1		12/18/20 10:34	74-97-5	
Bromodichloromethane	<0.36	ug/L	1.2	0.36	1		12/18/20 10:34	75-27-4	
Bromoform	<4.0	ug/L	13.2	4.0	1		12/18/20 10:34	75-25-2	
Bromomethane	<0.97	ug/L	5.0	0.97	1		12/18/20 10:34	74-83-9	
n-Butylbenzene	<0.71	ug/L	2.4	0.71	1		12/18/20 10:34	104-51-8	
sec-Butylbenzene	<0.85	ug/L	5.0	0.85	1		12/18/20 10:34	135-98-8	
tert-Butylbenzene	<0.30	ug/L	1.0	0.30	1		12/18/20 10:34	98-06-6	
Carbon tetrachloride	<1.1	ug/L	3.6	1.1	1		12/18/20 10:34	56-23-5	
Chlorobenzene	1.3J	ug/L	2.4	0.71	1		12/18/20 10:34	108-90-7	
Chloroethane	<1.3	ug/L	5.0	1.3	1		12/18/20 10:34	75-00-3	
Chloroform	<1.3	ug/L	5.0	1.3	1		12/18/20 10:34	67-66-3	
Chloromethane	<2.2	ug/L	7.3	2.2	1		12/18/20 10:34	74-87-3	
2-Chlorotoluene	<0.93	ug/L	5.0	0.93	1		12/18/20 10:34	95-49-8	
4-Chlorotoluene	<0.76	ug/L	2.5	0.76	1		12/18/20 10:34	106-43-4	
1,2-Dibromo-3-chloropropane	<1.8	ug/L	5.9	1.8	1		12/18/20 10:34	96-12-8	
Dibromochloromethane	<2.6	ug/L	8.7	2.6	1		12/18/20 10:34	124-48-1	
1,2-Dibromoethane (EDB)	<0.83	ug/L	2.8	0.83	1		12/18/20 10:34	106-93-4	
Dibromomethane	<0.94	ug/L	3.1	0.94	1		12/18/20 10:34	74-95-3	
1,2-Dichlorobenzene	<0.71	ug/L	2.4	0.71	1		12/18/20 10:34	95-50-1	
1,3-Dichlorobenzene	<0.63	ug/L	2.1	0.63	1		12/18/20 10:34	541-73-1	
1,4-Dichlorobenzene	<0.94	ug/L	3.1	0.94	1		12/18/20 10:34	106-46-7	
Dichlorodifluoromethane	<0.50	ug/L	5.0	0.50	1		12/18/20 10:34	75-71-8	
1,1-Dichloroethane	<0.27	ug/L	1.0	0.27	1		12/18/20 10:34	75-34-3	
1,2-Dichloroethane	<0.28	ug/L	1.0	0.28	1		12/18/20 10:34	107-06-2	
1,1-Dichloroethene	<0.24	ug/L	1.0	0.24	1		12/18/20 10:34	75-35-4	
cis-1,2-Dichloroethene	<0.27	ug/L	1.0	0.27	1		12/18/20 10:34	156-59-2	
trans-1,2-Dichloroethene	<0.46	ug/L	1.5	0.46	1		12/18/20 10:34	156-60-5	
1,2-Dichloropropane	<0.28	ug/L	1.0	0.28	1		12/18/20 10:34	78-87-5	
1,3-Dichloropropane	<0.83	ug/L	2.8	0.83	1		12/18/20 10:34	142-28-9	
2,2-Dichloropropane	<2.3	ug/L	7.6	2.3	1		12/18/20 10:34	594-20-7	
1,1-Dichloropropene	<0.54	ug/L	1.8	0.54	1		12/18/20 10:34	563-58-6	
cis-1,3-Dichloropropene	<3.6	ug/L	12.1	3.6	1		12/18/20 10:34	10061-01-5	
trans-1,3-Dichloropropene	<4.4	ug/L	14.6	4.4	1		12/18/20 10:34	10061-02-6	
Diisopropyl ether	<1.9	ug/L	6.3	1.9	1		12/18/20 10:34	108-20-3	
Ethylbenzene	0.42J	ug/L	1.1	0.32	1		12/18/20 10:34	100-41-4	
Hexachloro-1,3-butadiene	<1.5	ug/L	4.9	1.5	1		12/18/20 10:34	87-68-3	
Isopropylbenzene (Cumene)	<1.7	ug/L	5.6	1.7	1		12/18/20 10:34	98-82-8	
p-Isopropyltoluene	<0.80	ug/L	2.7	0.80	1		12/18/20 10:34	99-87-6	
Methylene Chloride	<0.58	ug/L	5.0	0.58	1		12/18/20 10:34	75-09-2	
Methyl-tert-butyl ether	<1.2	ug/L	4.2	1.2	1		12/18/20 10:34	1634-04-4	
Naphthalene	<1.2	ug/L	5.0	1.2	1		12/18/20 10:34	91-20-3	
n-Propylbenzene	<0.81	ug/L	5.0	0.81	1		12/18/20 10:34	103-65-1	
Styrene	<3.0	ug/L	10.0	3.0	1		12/18/20 10:34	100-42-5	

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ANALYTICAL RESULTS

Project: 60646104 KEP
Pace Project No.: 40219951

Sample: TB-121520-2 **Lab ID: 40219951021** Collected: 12/15/20 17:10 Received: 12/16/20 12:00 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	<0.27	ug/L	1.0	0.27	1		12/18/20 10:34	630-20-6	
1,1,1,2-Tetrachloroethane	<0.28	ug/L	1.0	0.28	1		12/18/20 10:34	79-34-5	
Tetrachloroethene	<0.33	ug/L	1.1	0.33	1		12/18/20 10:34	127-18-4	
Toluene	<0.27	ug/L	1.0	0.27	1		12/18/20 10:34	108-88-3	
1,2,3-Trichlorobenzene	<2.2	ug/L	7.4	2.2	1		12/18/20 10:34	87-61-6	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		12/18/20 10:34	120-82-1	
1,1,1-Trichloroethane	<0.24	ug/L	1.0	0.24	1		12/18/20 10:34	71-55-6	
1,1,2-Trichloroethane	<0.55	ug/L	5.0	0.55	1		12/18/20 10:34	79-00-5	
Trichloroethene	<0.26	ug/L	1.0	0.26	1		12/18/20 10:34	79-01-6	
Trichlorofluoromethane	<0.21	ug/L	1.0	0.21	1		12/18/20 10:34	75-69-4	
1,2,3-Trichloropropane	<0.59	ug/L	5.0	0.59	1		12/18/20 10:34	96-18-4	
1,2,4-Trimethylbenzene	<0.84	ug/L	2.8	0.84	1		12/18/20 10:34	95-63-6	
1,3,5-Trimethylbenzene	<0.87	ug/L	2.9	0.87	1		12/18/20 10:34	108-67-8	
Vinyl chloride	0.48J	ug/L	1.0	0.17	1		12/18/20 10:34	75-01-4	
Xylene (Total)	<1.5	ug/L	3.0	1.5	1		12/18/20 10:34	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	94	%	70-130		1		12/18/20 10:34	460-00-4	
Dibromofluoromethane (S)	100	%	70-130		1		12/18/20 10:34	1868-53-7	
Toluene-d8 (S)	94	%	70-130		1		12/18/20 10:34	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 60646104 KEP
Pace Project No.: 40219951

QC Batch: 374161 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: 40219951001, 40219951002, 40219951003, 40219951004

METHOD BLANK: 2162377 Matrix: Water
Associated Lab Samples: 40219951001, 40219951002, 40219951003, 40219951004

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Ethane	ug/L	<1.2	5.6	12/18/20 09:57	
Ethene	ug/L	<1.2	5.0	12/18/20 09:57	
Methane	ug/L	<0.66	2.8	12/18/20 09:57	

LABORATORY CONTROL SAMPLE & LCSD: 2162378

Parameter	Units	2162379		LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
		Spike Conc.	LCS Result						
Ethane	ug/L	53.6	57.0	56.8	106	106	80-120	0	20
Ethene	ug/L	50	52.1	52.2	104	104	80-120	0	20
Methane	ug/L	28.6	30.6	30.8	107	108	79-120	1	20

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2162593

Parameter	Units	40219790010		2162594		MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		MS Result	MS Spike Conc.	MSD Result	MSD Spike Conc.						
Ethane	ug/L	<1.2	53.6	53.6	56.4	57.4	105	107	79-120	2	20
Ethene	ug/L	<1.2	50	50	51.9	52.5	104	105	79-120	1	20
Methane	ug/L	0.96J	28.6	28.6	30.2	30.5	102	103	10-200	1	20

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 60646104 KEP
Pace Project No.: 40219951

QC Batch:	374266	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: 40219951005, 40219951006, 40219951007, 40219951008, 40219951009, 40219951010, 40219951011, 40219951012, 40219951013, 40219951014, 40219951015, 40219951016, 40219951017, 40219951018

METHOD BLANK: 2163428 Matrix: Water
Associated Lab Samples: 40219951005, 40219951006, 40219951007, 40219951008, 40219951009, 40219951010, 40219951011, 40219951012, 40219951013, 40219951014, 40219951015, 40219951016, 40219951017, 40219951018

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Ethane	ug/L	<1.2	5.6	12/21/20 09:04	
Ethene	ug/L	<1.2	5.0	12/21/20 09:04	
Methane	ug/L	<0.66	2.8	12/21/20 09:04	

LABORATORY CONTROL SAMPLE & LCSD: 2163429 2163430

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Ethane	ug/L	53.6	54.4	57.1	101	107	80-120	5	20	
Ethene	ug/L	50	49.5	51.9	99	104	80-120	5	20	
Methane	ug/L	28.6	29.0	30.5	102	107	79-120	5	20	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2163610 2163611

Parameter	Units	40219951015 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Ethane	ug/L	<1.2	53.6	53.6	57.1	56.5	106	105	79-120	1	20	
Ethene	ug/L	9.8	50	50	81.0	79.1	142	139	79-120	2	20	M1
Methane	ug/L	16.2	28.6	28.6	79.7	77.0	222	213	10-200	3	20	M1

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QUALITY CONTROL DATA

Project: 60646104 KEP
Pace Project No.: 40219951

QC Batch:	374027	Analysis Method:	EPA 6020
QC Batch Method:	EPA 3010	Analysis Description:	6020 MET
		Laboratory:	Pace Analytical Services - Green Bay

Associated Lab Samples: 40219951001, 40219951002, 40219951003, 40219951004, 40219951005, 40219951006, 40219951007, 40219951008, 40219951009, 40219951010, 40219951011, 40219951012, 40219951013, 40219951014, 40219951015, 40219951016, 40219951017, 40219951018

METHOD BLANK: 2161561 Matrix: Water
Associated Lab Samples: 40219951001, 40219951002, 40219951003, 40219951004, 40219951005, 40219951006, 40219951007, 40219951008, 40219951009, 40219951010, 40219951011, 40219951012, 40219951013, 40219951014, 40219951015, 40219951016, 40219951017, 40219951018

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Iron	mg/L	<0.058	0.25	12/18/20 00:18	
Manganese	mg/L	<0.0012	0.0040	12/18/20 00:18	

LABORATORY CONTROL SAMPLE: 2161562

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Iron	mg/L	5	5.2	103	80-120	
Manganese	mg/L	0.5	0.47	95	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2161563 2161564

Parameter	Units	40219951001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Iron	mg/L	0.70	5	5	5.6	5.9	98	105	75-125	5	20	
Manganese	mg/L	0.16	0.5	0.5	0.60	0.63	89	93	75-125	4	20	

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QUALITY CONTROL DATA

Project: 60646104 KEP
Pace Project No.: 40219951

QC Batch:	374030	Analysis Method:	EPA 6020
QC Batch Method:	EPA 3010	Analysis Description:	6020 MET Dissolved
		Laboratory:	Pace Analytical Services - Green Bay

Associated Lab Samples: 40219951001, 40219951002, 40219951003, 40219951004, 40219951005, 40219951006, 40219951007, 40219951008, 40219951009, 40219951010, 40219951011, 40219951012, 40219951013, 40219951014, 40219951015, 40219951016, 40219951017, 40219951018

METHOD BLANK: 2161572 Matrix: Water
Associated Lab Samples: 40219951001, 40219951002, 40219951003, 40219951004, 40219951005, 40219951006, 40219951007, 40219951008, 40219951009, 40219951010, 40219951011, 40219951012, 40219951013, 40219951014, 40219951015, 40219951016, 40219951017, 40219951018

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Barium, Dissolved	mg/L	<0.00070	0.0023	12/19/20 08:39	
Chromium, Dissolved	mg/L	<0.0010	0.0034	12/19/20 08:39	
Iron, Dissolved	mg/L	<0.058	0.25	12/19/20 08:39	
Lead, Dissolved	mg/L	0.00095J	0.0010	12/19/20 08:39	
Manganese, Dissolved	mg/L	<0.0012	0.0040	12/19/20 08:39	
Nickel, Dissolved	mg/L	<0.00028	0.0010	12/19/20 08:39	

LABORATORY CONTROL SAMPLE: 2161573

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Barium, Dissolved	mg/L	0.5	0.48	95	80-120	
Chromium, Dissolved	mg/L	0.5	0.48	96	80-120	
Iron, Dissolved	mg/L	5	5.0	100	80-120	
Lead, Dissolved	mg/L	0.5	0.48	96	80-120	
Manganese, Dissolved	mg/L	0.5	0.47	93	80-120	
Nickel, Dissolved	mg/L	0.5	0.48	96	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2161574 2161575

Parameter	Units	MS		MSD		MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		40219951001 Result	Spike Conc.	Spike Conc.	MS Result						
Barium, Dissolved	mg/L	0.066	0.5	0.5	0.54	0.54	95	94	75-125	1	20
Chromium, Dissolved	mg/L	<0.0010	0.5	0.5	0.48	0.47	96	94	75-125	2	20
Iron, Dissolved	mg/L	0.69	5	5	5.6	5.5	98	97	75-125	1	20
Lead, Dissolved	mg/L	0.00062J	0.5	0.5	0.50	0.49	99	98	75-125	2	20
Manganese, Dissolved	mg/L	0.16	0.5	0.5	0.62	0.61	92	91	75-125	1	20
Nickel, Dissolved	mg/L	0.0025	0.5	0.5	0.47	0.47	94	93	75-125	2	20

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QUALITY CONTROL DATA

Project: 60646104 KEP
Pace Project No.: 40219951

QC Batch: 374022 Analysis Method: EPA 8260
QC Batch Method: EPA 8260 Analysis Description: 8260 MSV
Laboratory: Pace Analytical Services - Green Bay

Associated Lab Samples: 40219951019

METHOD BLANK: 2161550 Matrix: Water
Associated Lab Samples: 40219951019

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	<0.27	1.0	12/17/20 07:35	
1,1,1-Trichloroethane	ug/L	<0.24	1.0	12/17/20 07:35	
1,1,2,2-Tetrachloroethane	ug/L	<0.28	1.0	12/17/20 07:35	
1,1,2-Trichloroethane	ug/L	<0.55	5.0	12/17/20 07:35	
1,1-Dichloroethane	ug/L	<0.27	1.0	12/17/20 07:35	
1,1-Dichloroethene	ug/L	<0.24	1.0	12/17/20 07:35	
1,1-Dichloropropene	ug/L	<0.54	1.8	12/17/20 07:35	
1,2,3-Trichlorobenzene	ug/L	<2.2	7.4	12/17/20 07:35	
1,2,3-Trichloropropane	ug/L	<0.59	5.0	12/17/20 07:35	
1,2,4-Trichlorobenzene	ug/L	<0.95	5.0	12/17/20 07:35	
1,2,4-Trimethylbenzene	ug/L	<0.84	2.8	12/17/20 07:35	
1,2-Dibromo-3-chloropropane	ug/L	<1.8	5.9	12/17/20 07:35	
1,2-Dibromoethane (EDB)	ug/L	<0.83	2.8	12/17/20 07:35	
1,2-Dichlorobenzene	ug/L	<0.71	2.4	12/17/20 07:35	
1,2-Dichloroethane	ug/L	<0.28	1.0	12/17/20 07:35	
1,2-Dichloropropane	ug/L	<0.28	1.0	12/17/20 07:35	
1,3,5-Trimethylbenzene	ug/L	<0.87	2.9	12/17/20 07:35	
1,3-Dichlorobenzene	ug/L	<0.63	2.1	12/17/20 07:35	
1,3-Dichloropropane	ug/L	<0.83	2.8	12/17/20 07:35	
1,4-Dichlorobenzene	ug/L	<0.94	3.1	12/17/20 07:35	
2,2-Dichloropropane	ug/L	<2.3	7.6	12/17/20 07:35	
2-Chlorotoluene	ug/L	<0.93	5.0	12/17/20 07:35	
4-Chlorotoluene	ug/L	<0.76	2.5	12/17/20 07:35	
Benzene	ug/L	<0.25	1.0	12/17/20 07:35	
Bromobenzene	ug/L	<0.24	1.0	12/17/20 07:35	
Bromochloromethane	ug/L	<0.36	5.0	12/17/20 07:35	
Bromodichloromethane	ug/L	<0.36	1.2	12/17/20 07:35	
Bromoform	ug/L	<4.0	13.2	12/17/20 07:35	
Bromomethane	ug/L	<0.97	5.0	12/17/20 07:35	
Carbon tetrachloride	ug/L	<1.1	3.6	12/17/20 07:35	
Chlorobenzene	ug/L	<0.71	2.4	12/17/20 07:35	
Chloroethane	ug/L	<1.3	5.0	12/17/20 07:35	
Chloroform	ug/L	<1.3	5.0	12/17/20 07:35	
Chloromethane	ug/L	<2.2	7.3	12/17/20 07:35	
cis-1,2-Dichloroethene	ug/L	<0.27	1.0	12/17/20 07:35	
cis-1,3-Dichloropropene	ug/L	<3.6	12.1	12/17/20 07:35	
Dibromochloromethane	ug/L	<2.6	8.7	12/17/20 07:35	
Dibromomethane	ug/L	<0.94	3.1	12/17/20 07:35	
Dichlorodifluoromethane	ug/L	<0.50	5.0	12/17/20 07:35	
Diisopropyl ether	ug/L	<1.9	6.3	12/17/20 07:35	

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QUALITY CONTROL DATA

Project: 60646104 KEP
Pace Project No.: 40219951

METHOD BLANK: 2161550 Matrix: Water
Associated Lab Samples: 40219951019

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Ethylbenzene	ug/L	<0.32	1.1	12/17/20 07:35	
Hexachloro-1,3-butadiene	ug/L	<1.5	4.9	12/17/20 07:35	
Isopropylbenzene (Cumene)	ug/L	<1.7	5.6	12/17/20 07:35	
Methyl-tert-butyl ether	ug/L	<1.2	4.2	12/17/20 07:35	
Methylene Chloride	ug/L	<0.58	5.0	12/17/20 07:35	
n-Butylbenzene	ug/L	<0.71	2.4	12/17/20 07:35	
n-Propylbenzene	ug/L	<0.81	5.0	12/17/20 07:35	
Naphthalene	ug/L	<1.2	5.0	12/17/20 07:35	
p-Isopropyltoluene	ug/L	<0.80	2.7	12/17/20 07:35	
sec-Butylbenzene	ug/L	<0.85	5.0	12/17/20 07:35	
Styrene	ug/L	<3.0	10.0	12/17/20 07:35	
tert-Butylbenzene	ug/L	<0.30	1.0	12/17/20 07:35	
Tetrachloroethene	ug/L	<0.33	1.1	12/17/20 07:35	
Toluene	ug/L	<0.27	1.0	12/17/20 07:35	
trans-1,2-Dichloroethene	ug/L	<0.46	1.5	12/17/20 07:35	
trans-1,3-Dichloropropene	ug/L	<4.4	14.6	12/17/20 07:35	
Trichloroethene	ug/L	<0.26	1.0	12/17/20 07:35	
Trichlorofluoromethane	ug/L	<0.21	1.0	12/17/20 07:35	
Vinyl chloride	ug/L	<0.17	1.0	12/17/20 07:35	
Xylene (Total)	ug/L	<1.5	3.0	12/17/20 07:35	
4-Bromofluorobenzene (S)	%	97	70-130	12/17/20 07:35	
Dibromofluoromethane (S)	%	93	70-130	12/17/20 07:35	
Toluene-d8 (S)	%	103	70-130	12/17/20 07:35	

LABORATORY CONTROL SAMPLE: 2161551

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/L	50	55.3	111	70-130	
1,1,1,2-Tetrachloroethane	ug/L	50	54.6	109	64-131	
1,1,2-Trichloroethane	ug/L	50	52.9	106	70-130	
1,1-Dichloroethane	ug/L	50	53.9	108	69-163	
1,1-Dichloroethene	ug/L	50	60.5	121	77-123	
1,2,4-Trichlorobenzene	ug/L	50	53.7	107	68-130	
1,2-Dibromo-3-chloropropane	ug/L	50	50.0	100	63-130	
1,2-Dibromoethane (EDB)	ug/L	50	48.9	98	70-130	
1,2-Dichlorobenzene	ug/L	50	50.5	101	70-130	
1,2-Dichloroethane	ug/L	50	52.8	106	78-142	
1,2-Dichloropropane	ug/L	50	52.0	104	86-134	
1,3-Dichlorobenzene	ug/L	50	50.6	101	70-130	
1,4-Dichlorobenzene	ug/L	50	49.6	99	70-130	
Benzene	ug/L	50	56.6	113	70-130	
Bromodichloromethane	ug/L	50	54.4	109	70-130	
Bromoform	ug/L	50	47.9	96	70-130	
Bromomethane	ug/L	50	59.8	120	39-129	

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QUALITY CONTROL DATA

Project: 60646104 KEP
Pace Project No.: 40219951

LABORATORY CONTROL SAMPLE: 2161551

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Carbon tetrachloride	ug/L	50	53.7	107	70-132	
Chlorobenzene	ug/L	50	51.5	103	70-130	
Chloroethane	ug/L	50	63.3	127	66-140	
Chloroform	ug/L	50	55.3	111	75-132	
Chloromethane	ug/L	50	46.6	93	32-143	
cis-1,2-Dichloroethene	ug/L	50	50.6	101	70-130	
cis-1,3-Dichloropropene	ug/L	50	56.4	113	70-130	
Dibromochloromethane	ug/L	50	46.2	92	70-130	
Dichlorodifluoromethane	ug/L	50	59.2	118	10-141	
Ethylbenzene	ug/L	50	54.9	110	80-120	
Isopropylbenzene (Cumene)	ug/L	50	53.3	107	70-130	
Methyl-tert-butyl ether	ug/L	50	52.4	105	61-129	
Methylene Chloride	ug/L	50	55.2	110	70-130	
Styrene	ug/L	50	53.1	106	70-130	
Tetrachloroethene	ug/L	50	51.7	103	70-130	
Toluene	ug/L	50	53.3	107	80-120	
trans-1,2-Dichloroethene	ug/L	50	56.4	113	70-130	
trans-1,3-Dichloropropene	ug/L	50	53.0	106	69-130	
Trichloroethene	ug/L	50	55.8	112	70-130	
Trichlorofluoromethane	ug/L	50	64.1	128	75-145	
Vinyl chloride	ug/L	50	61.9	124	51-140	
Xylene (Total)	ug/L	150	158	105	70-130	
4-Bromofluorobenzene (S)	%			104	70-130	
Dibromofluoromethane (S)	%			102	70-130	
Toluene-d8 (S)	%			102	70-130	

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QUALITY CONTROL DATA

Project: 60646104 KEP
Pace Project No.: 40219951

METHOD BLANK: 2161556

Matrix: Water

Associated Lab Samples: 40219951001, 40219951002, 40219951003, 40219951004, 40219951005, 40219951006, 40219951007, 40219951008, 40219951009, 40219951010, 40219951011, 40219951012, 40219951013, 40219951014, 40219951015, 40219951016, 40219951017, 40219951018, 40219951020, 40219951021

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Dibromomethane	ug/L	<0.94	3.1	12/17/20 07:35	
Dichlorodifluoromethane	ug/L	<0.50	5.0	12/17/20 07:35	
Diisopropyl ether	ug/L	<1.9	6.3	12/17/20 07:35	
Ethylbenzene	ug/L	<0.32	1.1	12/17/20 07:35	
Hexachloro-1,3-butadiene	ug/L	<1.5	4.9	12/17/20 07:35	
Isopropylbenzene (Cumene)	ug/L	<1.7	5.6	12/17/20 07:35	
Methyl-tert-butyl ether	ug/L	<1.2	4.2	12/17/20 07:35	
Methylene Chloride	ug/L	<0.58	5.0	12/17/20 07:35	
n-Butylbenzene	ug/L	<0.71	2.4	12/17/20 07:35	
n-Propylbenzene	ug/L	<0.81	5.0	12/17/20 07:35	
Naphthalene	ug/L	<1.2	5.0	12/17/20 07:35	
p-Isopropyltoluene	ug/L	<0.80	2.7	12/17/20 07:35	
sec-Butylbenzene	ug/L	<0.85	5.0	12/17/20 07:35	
Styrene	ug/L	<3.0	10.0	12/17/20 07:35	
tert-Butylbenzene	ug/L	<0.30	1.0	12/17/20 07:35	
Tetrachloroethene	ug/L	<0.33	1.1	12/17/20 07:35	
Toluene	ug/L	<0.27	1.0	12/17/20 07:35	
trans-1,2-Dichloroethene	ug/L	<0.46	1.5	12/17/20 07:35	
trans-1,3-Dichloropropene	ug/L	<4.4	14.6	12/17/20 07:35	
Trichloroethene	ug/L	<0.26	1.0	12/17/20 07:35	
Trichlorofluoromethane	ug/L	<0.21	1.0	12/17/20 07:35	
Vinyl chloride	ug/L	<0.17	1.0	12/17/20 07:35	
Xylene (Total)	ug/L	<1.5	3.0	12/17/20 07:35	
4-Bromofluorobenzene (S)	%	95	70-130	12/17/20 07:35	
Dibromofluoromethane (S)	%	99	70-130	12/17/20 07:35	
Toluene-d8 (S)	%	95	70-130	12/17/20 07:35	

LABORATORY CONTROL SAMPLE: 2161557

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/L	50	47.7	95	70-130	
1,1,2,2-Tetrachloroethane	ug/L	50	41.8	84	64-131	
1,1,2-Trichloroethane	ug/L	50	46.8	94	70-130	
1,1-Dichloroethane	ug/L	50	42.6	85	69-163	
1,1-Dichloroethene	ug/L	50	50.7	101	77-123	
1,2,4-Trichlorobenzene	ug/L	50	49.9	100	68-130	
1,2-Dibromo-3-chloropropane	ug/L	50	34.0	68	63-130	
1,2-Dibromoethane (EDB)	ug/L	50	49.5	99	70-130	
1,2-Dichlorobenzene	ug/L	50	49.4	99	70-130	
1,2-Dichloroethane	ug/L	50	50.1	100	78-142	
1,2-Dichloropropane	ug/L	50	46.9	94	86-134	
1,3-Dichlorobenzene	ug/L	50	50.1	100	70-130	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 60646104 KEP
Pace Project No.: 40219951

LABORATORY CONTROL SAMPLE: 2161557

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,4-Dichlorobenzene	ug/L	50	50.1	100	70-130	
Benzene	ug/L	50	45.3	91	70-130	
Bromodichloromethane	ug/L	50	49.0	98	70-130	
Bromoform	ug/L	50	45.3	91	70-130	
Bromomethane	ug/L	50	42.5	85	39-129	
Carbon tetrachloride	ug/L	50	46.3	93	70-132	
Chlorobenzene	ug/L	50	51.6	103	70-130	
Chloroethane	ug/L	50	45.7	91	66-140	
Chloroform	ug/L	50	47.8	96	75-132	
Chloromethane	ug/L	50	37.0	74	32-143	
cis-1,2-Dichloroethene	ug/L	50	46.4	93	70-130	
cis-1,3-Dichloropropene	ug/L	50	43.5	87	70-130	
Dibromochloromethane	ug/L	50	50.0	100	70-130	
Dichlorodifluoromethane	ug/L	50	42.5	85	10-141	
Ethylbenzene	ug/L	50	49.7	99	80-120	
Isopropylbenzene (Cumene)	ug/L	50	51.3	103	70-130	
Methyl-tert-butyl ether	ug/L	50	43.1	86	61-129	
Methylene Chloride	ug/L	50	47.4	95	70-130	
Styrene	ug/L	50	50.3	101	70-130	
Tetrachloroethene	ug/L	50	53.0	106	70-130	
Toluene	ug/L	50	48.4	97	80-120	
trans-1,2-Dichloroethene	ug/L	50	51.3	103	70-130	
trans-1,3-Dichloropropene	ug/L	50	39.9	80	69-130	
Trichloroethene	ug/L	50	52.9	106	70-130	
Trichlorofluoromethane	ug/L	50	59.1	118	75-145	
Vinyl chloride	ug/L	50	44.9	90	51-140	
Xylene (Total)	ug/L	150	151	101	70-130	
4-Bromofluorobenzene (S)	%			95	70-130	
Dibromofluoromethane (S)	%			99	70-130	
Toluene-d8 (S)	%			95	70-130	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2161634 2161635

Parameter	Units	MS		MSD		MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	Max RPD	Qual
		40219951007	Spike Conc.	Spike Conc.	Result							
1,1,1-Trichloroethane	ug/L	<24.5	50	50	46.4	49.7	93	99	70-130	7	20	
1,1,2,2-Tetrachloroethane	ug/L	<27.5	50	50	39.2	42.4	78	85	64-137	8	20	
1,1,2-Trichloroethane	ug/L	<55.2	50	50	43.0	46.5	86	93	70-137	8	20	
1,1-Dichloroethane	ug/L	<27.3	50	50	37.7	41.0	75	82	69-163	8	20	
1,1-Dichloroethene	ug/L	<24.5	50	50	62.8	65.4	85	90	77-129	4	20	
1,2,4-Trichlorobenzene	ug/L	<95.1	50	50	47.9	51.2	96	102	68-130	7	20	
1,2-Dibromo-3-chloropropane	ug/L	<176	50	50	34.6	37.0	69	74	60-130	7	20	
1,2-Dibromoethane (EDB)	ug/L	<82.9	50	50	46.6	49.7	93	99	70-130	6	20	
1,2-Dichlorobenzene	ug/L	<70.5	50	50	46.1	49.8	92	100	70-130	8	20	

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QUALITY CONTROL DATA

Project: 60646104 KEP
Pace Project No.: 40219951

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2161634												2161635											
Parameter	Units	40219951007		MS	MSD	MS		MSD		% Rec Limits	RPD	Max RPD	Qual										
		Result	Conc.	Spike Conc.	Spike Conc.	Result	Result	% Rec	% Rec														
1,2-Dichloroethane	ug/L	<28.0	50	50	46.7	49.9	93	100	78-145	7	20												
1,2-Dichloropropane	ug/L	<28.3	50	50	43.7	46.4	87	93	86-135	6	20												
1,3-Dichlorobenzene	ug/L	<62.8	50	50	47.1	50.4	94	101	70-130	7	20												
1,4-Dichlorobenzene	ug/L	<94.4	50	50	47.2	50.4	94	101	70-130	7	20												
Benzene	ug/L	<24.6	50	50	42.5	45.5	85	91	70-136	7	20												
Bromodichloromethane	ug/L	<36.4	50	50	47.3	51.1	95	102	70-130	8	20												
Bromoform	ug/L	<397	50	50	45.0	48.8	90	98	69-130	8	20												
Bromomethane	ug/L	<97.1	50	50	46.2	48.2	-31	-27	39-138	4	20	M1											
Carbon tetrachloride	ug/L	<108	50	50	47.0	50.4	94	101	70-142	7	20												
Chlorobenzene	ug/L	<71.1	50	50	47.7	51.3	95	103	70-130	7	20												
Chloroethane	ug/L	<134	50	50	42.3	45.7	85	91	61-149	8	20												
Chloroform	ug/L	<127	50	50	44.5	47.1	89	94	75-133	6	20												
Chloromethane	ug/L	<219	50	50	35.2	39.0	30	37	32-143	10	20	M1											
cis-1,2-Dichloroethene	ug/L	16000	50	50	6730	6550	-18600	-19000	70-130	3	20	E,M1											
cis-1,3-Dichloropropene	ug/L	<363	50	50	42.1	45.2	84	90	70-130	7	20												
Dibromochloromethane	ug/L	<260	50	50	48.8	52.2	98	104	70-130	7	20												
Dichlorodifluoromethane	ug/L	<50.0	50	50	39.9	42.8	80	86	10-141	7	20												
Ethylbenzene	ug/L	<31.9	50	50	46.2	49.4	92	99	80-120	7	20												
Isopropylbenzene (Cumene)	ug/L	<169	50	50	47.9	51.0	96	102	70-130	6	20												
Methyl-tert-butyl ether	ug/L	<125	50	50	39.6	42.3	79	85	61-136	7	20												
Methylene Chloride	ug/L	<58.1	50	50	44.7	47.9	89	96	68-137	7	20												
Styrene	ug/L	<301	50	50	45.7	48.8	91	98	70-130	7	20												
Tetrachloroethene	ug/L	<32.6	50	50	49.5	53.0	99	106	70-130	7	20												
Toluene	ug/L	<26.9	50	50	45.0	47.8	90	96	80-120	6	20												
trans-1,2-Dichloroethene	ug/L	1760	50	50	1360	1260	-808	-1010	70-130	8	20	E,M1											
trans-1,3-Dichloropropene	ug/L	<437	50	50	38.7	41.6	77	83	69-130	7	20												
Trichloroethene	ug/L	5060	50	50	3280	3070	-3570	-3980	70-130	7	20	E,M1											
Trichlorofluoromethane	ug/L	<21.5	50	50	55.0	59.3	110	119	74-157	8	20												
Vinyl chloride	ug/L	286	50	50	264	261	-43	-51	51-140	1	20	M1											
Xylene (Total)	ug/L	<150	150	150	141	151	94	100	70-130	7	20												
4-Bromofluorobenzene (S)	%						96	95	70-130														
Dibromofluoromethane (S)	%						100	101	70-130														
Toluene-d8 (S)	%						94	94	70-130														

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 60646104 KEP
Pace Project No.: 40219951

QC Batch:	374107	Analysis Method:	SM 4500-S F (2000)
QC Batch Method:	SM 4500-S F (2000)	Analysis Description:	4500S2F Sulfide, Iodometric
		Laboratory:	Pace Analytical Services - Green Bay

Associated Lab Samples: 40219951001, 40219951002, 40219951003, 40219951004, 40219951005, 40219951006, 40219951007, 40219951008

METHOD BLANK: 2161996 Matrix: Water
Associated Lab Samples: 40219951001, 40219951002, 40219951003, 40219951004, 40219951005, 40219951006, 40219951007, 40219951008

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Sulfide	mg/L	<1.2	4.0	12/17/20 16:27	

LABORATORY CONTROL SAMPLE: 2161997

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Sulfide	mg/L	46.8	44.0	94	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2161998 2161999

Parameter	Units	40219790007 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Sulfide	mg/L	<1.2	46.8	46.8	44.4	44.0	94	93	80-120	1	10	

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QUALITY CONTROL DATA

Project: 60646104 KEP
Pace Project No.: 40219951

QC Batch:	374194	Analysis Method:	SM 4500-S F (2000)
QC Batch Method:	SM 4500-S F (2000)	Analysis Description:	4500S2F Sulfide, Iodometric
		Laboratory:	Pace Analytical Services - Green Bay

Associated Lab Samples: 40219951009, 40219951010, 40219951011, 40219951012, 40219951013, 40219951014, 40219951015, 40219951016, 40219951017, 40219951018

METHOD BLANK: 2162605 Matrix: Water
Associated Lab Samples: 40219951009, 40219951010, 40219951011, 40219951012, 40219951013, 40219951014, 40219951015, 40219951016, 40219951017, 40219951018

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Sulfide	mg/L	<1.2	4.0	12/18/20 15:19	

LABORATORY CONTROL SAMPLE: 2162606

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Sulfide	mg/L	50	47.2	94	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2162607 2162608

Parameter	Units	40219951009 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Sulfide	mg/L	<1.2	50	50	46.8	44.8	93	89	80-120	4	10	

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QUALITY CONTROL DATA

Project: 60646104 KEP
Pace Project No.: 40219951

QC Batch:	374119	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:	40219951001, 40219951002, 40219951003, 40219951004, 40219951005, 40219951006, 40219951007, 40219951008, 40219951009, 40219951010, 40219951011, 40219951012, 40219951013, 40219951014, 40219951015, 40219951016, 40219951017, 40219951018		

METHOD BLANK: 2162109 Matrix: Water
Associated Lab Samples: 40219951001, 40219951002, 40219951003, 40219951004, 40219951005, 40219951006, 40219951007, 40219951008, 40219951009, 40219951010, 40219951011, 40219951012, 40219951013, 40219951014, 40219951015, 40219951016, 40219951017, 40219951018

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Chloride	mg/L	<0.43	2.0	12/18/20 13:29	
Sulfate	mg/L	<0.44	2.0	12/18/20 13:29	

LABORATORY CONTROL SAMPLE: 2162110

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Chloride	mg/L	20	18.9	95	90-110	
Sulfate	mg/L	20	18.8	94	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2162111 2162112

Parameter	Units	40219825001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Chloride	mg/L	104	200	200	311	305	103	101	90-110	2	15	
Sulfate	mg/L	251	200	200	439	430	94	89	90-110	2	15 M0	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2162113 2162114

Parameter	Units	40219951018 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Chloride	mg/L	88.5	200	200	288	295	100	103	90-110	2	15	
Sulfate	mg/L	400	200	200	565	577	83	88	90-110	2	15 M0	

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QUALITY CONTROL DATA

Project: 60646104 KEP
Pace Project No.: 40219951

QC Batch:	374530	Analysis Method:	EPA 310.2
QC Batch Method:	EPA 310.2	Analysis Description:	310.2 Alkalinity
		Laboratory:	Pace Analytical Services - Green Bay

Associated Lab Samples: 40219951001, 40219951002, 40219951003, 40219951004, 40219951005, 40219951006, 40219951007, 40219951008, 40219951009, 40219951010, 40219951011, 40219951012, 40219951013, 40219951014, 40219951015, 40219951016, 40219951017, 40219951018

METHOD BLANK: 2164525 Matrix: Water

Associated Lab Samples: 40219951001, 40219951002, 40219951003, 40219951004, 40219951005, 40219951006, 40219951007, 40219951008, 40219951009, 40219951010, 40219951011, 40219951012, 40219951013, 40219951014, 40219951015, 40219951016, 40219951017, 40219951018

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Alkalinity, Total as CaCO ₃	mg/L	<7.4	24.8	12/23/20 12:54	

LABORATORY CONTROL SAMPLE: 2164526

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Alkalinity, Total as CaCO ₃	mg/L	100	101	101	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2164527 2164528

Parameter	Units	40219951001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Alkalinity, Total as CaCO ₃	mg/L	366	100	100	445	447	80	81	90-110	0	20	M0

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2164529 2164530

Parameter	Units	40219951002 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Alkalinity, Total as CaCO ₃	mg/L	364	100	100	447	448	84	85	90-110	0	20	M0

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QUALITY CONTROL DATA

Project: 60646104 KEP
Pace Project No.: 40219951

QC Batch:	374471	Analysis Method:	EPA 410.4
QC Batch Method:	EPA 410.4	Analysis Description:	410.4 COD
		Laboratory:	Pace Analytical Services - Green Bay
Associated Lab Samples:	40219951001, 40219951002, 40219951003, 40219951004, 40219951005, 40219951006, 40219951007, 40219951008, 40219951009, 40219951010, 40219951011, 40219951012, 40219951013, 40219951014, 40219951015, 40219951016, 40219951017, 40219951018		

METHOD BLANK: 2164191 Matrix: Water
Associated Lab Samples: 40219951001, 40219951002, 40219951003, 40219951004, 40219951005, 40219951006, 40219951007, 40219951008, 40219951009, 40219951010, 40219951011, 40219951012, 40219951013, 40219951014, 40219951015, 40219951016, 40219951017, 40219951018

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Chemical Oxygen Demand	mg/L	<14.7	50.0	12/22/20 20:47	

LABORATORY CONTROL SAMPLE: 2164192

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Chemical Oxygen Demand	mg/L	500	527	105	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2164193 2164194

Parameter	Units	40219951001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Chemical Oxygen Demand	mg/L	15.5J	526	526	573	576	106	106	90-110	0	10	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2164195 2164196

Parameter	Units	40219951002 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Chemical Oxygen Demand	mg/L	25.0J	526	526	568	576	103	105	90-110	1	10	

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QUALITY CONTROL DATA

Project: 60646104 KEP
Pace Project No.: 40219951

QC Batch:	373855	Analysis Method:	SM 5310C
QC Batch Method:	SM 5310C	Analysis Description:	5310C Total Organic Carbon
		Laboratory:	Pace Analytical Services - Green Bay

Associated Lab Samples: 40219951001, 40219951002, 40219951003, 40219951004, 40219951005, 40219951006, 40219951007, 40219951008, 40219951009, 40219951010, 40219951011, 40219951012, 40219951013, 40219951014, 40219951015

METHOD BLANK: 2160647 Matrix: Water
Associated Lab Samples: 40219951001, 40219951002, 40219951003, 40219951004, 40219951005, 40219951006, 40219951007, 40219951008, 40219951009, 40219951010, 40219951011, 40219951012, 40219951013, 40219951014, 40219951015

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Total Organic Carbon	mg/L	<0.14	0.50	12/17/20 22:38	

LABORATORY CONTROL SAMPLE: 2160648

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Total Organic Carbon	mg/L	12.5	13.2	106	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2160649 2160650

Parameter	Units	40219790021 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Total Organic Carbon	mg/L	2.3	6	6	8.7	8.9	107	110	80-120	2	10	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2162258 2162259

Parameter	Units	40219951001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Total Organic Carbon	mg/L	5.3	36	36	42.6	43.1	104	105	80-120	1	10	

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QUALITY CONTROL DATA

Project: 60646104 KEP
Pace Project No.: 40219951

QC Batch: 374130	Analysis Method: SM 5310C
QC Batch Method: SM 5310C	Analysis Description: 5310C Total Organic Carbon
	Laboratory: Pace Analytical Services - Green Bay

Associated Lab Samples: 40219951016, 40219951017, 40219951018

METHOD BLANK: 2162260 Matrix: Water
Associated Lab Samples: 40219951016, 40219951017, 40219951018

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Total Organic Carbon	mg/L	<0.14	0.50	12/18/20 05:48	

LABORATORY CONTROL SAMPLE: 2162261

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Total Organic Carbon	mg/L	12.5	12.2	98	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2162262 2162263

Parameter	Units	2162262		2162263		MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual	
		40219969001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result							MSD Result
Total Organic Carbon	mg/L	110	180	180	297	298	104	104	80-120	0	10	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2162264 2162265

Parameter	Units	2162264		2162265		MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual	
		40219969002 Result	MS Spike Conc.	MSD Spike Conc.	MS Result							MSD Result
Total Organic Carbon	mg/L	1.7	6	6	8.1	8.1	106	106	80-120	0	10	

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QUALIFIERS

Project: 60646104 KEP

Pace Project No.: 40219951

DEFINITIONS

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

ND - Not Detected at or above LOD.

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

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

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

S - Surrogate

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

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

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

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

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

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

TNI - The NELAC Institute.

ANALYTE QUALIFIERS

B Analyte was detected in the associated method blank.

D9 Dissolved result is greater than the total. Data is within laboratory control limits.

E Analyte concentration exceeded the calibration range. The reported result is estimated.

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

M1 Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 60646104 KEP
Pace Project No.: 40219951

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
40219951001	MW-2103	EPA 8015B Modified	374161		
40219951002	MW-2103D	EPA 8015B Modified	374161		
40219951003	PZ-2103	EPA 8015B Modified	374161		
40219951004	PZ-2103D	EPA 8015B Modified	374161		
40219951005	MW-2114	EPA 8015B Modified	374266		
40219951006	MW-2106	EPA 8015B Modified	374266		
40219951007	PZ-2113	EPA 8015B Modified	374266		
40219951008	MW-2113	EPA 8015B Modified	374266		
40219951009	PZ-2114	EPA 8015B Modified	374266		
40219951010	MW-2104	EPA 8015B Modified	374266		
40219951011	PZ-2105	EPA 8015B Modified	374266		
40219951012	MW-2105	EPA 8015B Modified	374266		
40219951013	MW-2112	EPA 8015B Modified	374266		
40219951014	PZ-2112	EPA 8015B Modified	374266		
40219951015	MW-2112D	EPA 8015B Modified	374266		
40219951016	PZ-2112D	EPA 8015B Modified	374266		
40219951017	MW-2110	EPA 8015B Modified	374266		
40219951018	MW-2102	EPA 8015B Modified	374266		
40219951001	MW-2103	EPA 3010	374027	EPA 6020	374098
40219951002	MW-2103D	EPA 3010	374027	EPA 6020	374098
40219951003	PZ-2103	EPA 3010	374027	EPA 6020	374098
40219951004	PZ-2103D	EPA 3010	374027	EPA 6020	374098
40219951005	MW-2114	EPA 3010	374027	EPA 6020	374098
40219951006	MW-2106	EPA 3010	374027	EPA 6020	374098
40219951007	PZ-2113	EPA 3010	374027	EPA 6020	374098
40219951008	MW-2113	EPA 3010	374027	EPA 6020	374098
40219951009	PZ-2114	EPA 3010	374027	EPA 6020	374098
40219951010	MW-2104	EPA 3010	374027	EPA 6020	374098
40219951011	PZ-2105	EPA 3010	374027	EPA 6020	374098
40219951012	MW-2105	EPA 3010	374027	EPA 6020	374098
40219951013	MW-2112	EPA 3010	374027	EPA 6020	374098
40219951014	PZ-2112	EPA 3010	374027	EPA 6020	374098
40219951015	MW-2112D	EPA 3010	374027	EPA 6020	374098
40219951016	PZ-2112D	EPA 3010	374027	EPA 6020	374098
40219951017	MW-2110	EPA 3010	374027	EPA 6020	374098
40219951018	MW-2102	EPA 3010	374027	EPA 6020	374098
40219951001	MW-2103	EPA 3010	374030	EPA 6020	374101
40219951002	MW-2103D	EPA 3010	374030	EPA 6020	374101
40219951003	PZ-2103	EPA 3010	374030	EPA 6020	374101
40219951004	PZ-2103D	EPA 3010	374030	EPA 6020	374101
40219951005	MW-2114	EPA 3010	374030	EPA 6020	374101
40219951006	MW-2106	EPA 3010	374030	EPA 6020	374101
40219951007	PZ-2113	EPA 3010	374030	EPA 6020	374101
40219951008	MW-2113	EPA 3010	374030	EPA 6020	374101
40219951009	PZ-2114	EPA 3010	374030	EPA 6020	374101
40219951010	MW-2104	EPA 3010	374030	EPA 6020	374101
40219951011	PZ-2105	EPA 3010	374030	EPA 6020	374101

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 60646104 KEP
Pace Project No.: 40219951

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
40219951012	MW-2105	EPA 3010	374030	EPA 6020	374101
40219951013	MW-2112	EPA 3010	374030	EPA 6020	374101
40219951014	PZ-2112	EPA 3010	374030	EPA 6020	374101
40219951015	MW-2112D	EPA 3010	374030	EPA 6020	374101
40219951016	PZ-2112D	EPA 3010	374030	EPA 6020	374101
40219951017	MW-2110	EPA 3010	374030	EPA 6020	374101
40219951018	MW-2102	EPA 3010	374030	EPA 6020	374101
40219951001	MW-2103	EPA 8260	374025		
40219951002	MW-2103D	EPA 8260	374025		
40219951003	PZ-2103	EPA 8260	374025		
40219951004	PZ-2103D	EPA 8260	374025		
40219951005	MW-2114	EPA 8260	374025		
40219951006	MW-2106	EPA 8260	374025		
40219951007	PZ-2113	EPA 8260	374025		
40219951008	MW-2113	EPA 8260	374025		
40219951009	PZ-2114	EPA 8260	374025		
40219951010	MW-2104	EPA 8260	374025		
40219951011	PZ-2105	EPA 8260	374025		
40219951012	MW-2105	EPA 8260	374025		
40219951013	MW-2112	EPA 8260	374025		
40219951014	PZ-2112	EPA 8260	374025		
40219951015	MW-2112D	EPA 8260	374025		
40219951016	PZ-2112D	EPA 8260	374025		
40219951017	MW-2110	EPA 8260	374025		
40219951018	MW-2102	EPA 8260	374025		
40219951019	TRIP BLANK	EPA 8260	374022		
40219951020	TB-121520-1	EPA 8260	374025		
40219951021	TB-121520-2	EPA 8260	374025		
40219951001	MW-2103	SM 4500-S F (2000)	374107		
40219951002	MW-2103D	SM 4500-S F (2000)	374107		
40219951003	PZ-2103	SM 4500-S F (2000)	374107		
40219951004	PZ-2103D	SM 4500-S F (2000)	374107		
40219951005	MW-2114	SM 4500-S F (2000)	374107		
40219951006	MW-2106	SM 4500-S F (2000)	374107		
40219951007	PZ-2113	SM 4500-S F (2000)	374107		
40219951008	MW-2113	SM 4500-S F (2000)	374107		
40219951009	PZ-2114	SM 4500-S F (2000)	374194		
40219951010	MW-2104	SM 4500-S F (2000)	374194		
40219951011	PZ-2105	SM 4500-S F (2000)	374194		
40219951012	MW-2105	SM 4500-S F (2000)	374194		
40219951013	MW-2112	SM 4500-S F (2000)	374194		
40219951014	PZ-2112	SM 4500-S F (2000)	374194		
40219951015	MW-2112D	SM 4500-S F (2000)	374194		
40219951016	PZ-2112D	SM 4500-S F (2000)	374194		
40219951017	MW-2110	SM 4500-S F (2000)	374194		
40219951018	MW-2102	SM 4500-S F (2000)	374194		

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 60646104 KEP
Pace Project No.: 40219951

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
40219951001	MW-2103	EPA 300.0	374119		
40219951002	MW-2103D	EPA 300.0	374119		
40219951003	PZ-2103	EPA 300.0	374119		
40219951004	PZ-2103D	EPA 300.0	374119		
40219951005	MW-2114	EPA 300.0	374119		
40219951006	MW-2106	EPA 300.0	374119		
40219951007	PZ-2113	EPA 300.0	374119		
40219951008	MW-2113	EPA 300.0	374119		
40219951009	PZ-2114	EPA 300.0	374119		
40219951010	MW-2104	EPA 300.0	374119		
40219951011	PZ-2105	EPA 300.0	374119		
40219951012	MW-2105	EPA 300.0	374119		
40219951013	MW-2112	EPA 300.0	374119		
40219951014	PZ-2112	EPA 300.0	374119		
40219951015	MW-2112D	EPA 300.0	374119		
40219951016	PZ-2112D	EPA 300.0	374119		
40219951017	MW-2110	EPA 300.0	374119		
40219951018	MW-2102	EPA 300.0	374119		
40219951001	MW-2103	EPA 310.2	374530		
40219951002	MW-2103D	EPA 310.2	374530		
40219951003	PZ-2103	EPA 310.2	374530		
40219951004	PZ-2103D	EPA 310.2	374530		
40219951005	MW-2114	EPA 310.2	374530		
40219951006	MW-2106	EPA 310.2	374530		
40219951007	PZ-2113	EPA 310.2	374530		
40219951008	MW-2113	EPA 310.2	374530		
40219951009	PZ-2114	EPA 310.2	374530		
40219951010	MW-2104	EPA 310.2	374530		
40219951011	PZ-2105	EPA 310.2	374530		
40219951012	MW-2105	EPA 310.2	374530		
40219951013	MW-2112	EPA 310.2	374530		
40219951014	PZ-2112	EPA 310.2	374530		
40219951015	MW-2112D	EPA 310.2	374530		
40219951016	PZ-2112D	EPA 310.2	374530		
40219951017	MW-2110	EPA 310.2	374530		
40219951018	MW-2102	EPA 310.2	374530		
40219951001	MW-2103	EPA 410.4	374471	EPA 410.4	374479
40219951002	MW-2103D	EPA 410.4	374471	EPA 410.4	374479
40219951003	PZ-2103	EPA 410.4	374471	EPA 410.4	374479
40219951004	PZ-2103D	EPA 410.4	374471	EPA 410.4	374479
40219951005	MW-2114	EPA 410.4	374471	EPA 410.4	374479
40219951006	MW-2106	EPA 410.4	374471	EPA 410.4	374479
40219951007	PZ-2113	EPA 410.4	374471	EPA 410.4	374479
40219951008	MW-2113	EPA 410.4	374471	EPA 410.4	374479
40219951009	PZ-2114	EPA 410.4	374471	EPA 410.4	374479
40219951010	MW-2104	EPA 410.4	374471	EPA 410.4	374479
40219951011	PZ-2105	EPA 410.4	374471	EPA 410.4	374479
40219951012	MW-2105	EPA 410.4	374471	EPA 410.4	374479

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 60646104 KEP
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Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
40219951013	MW-2112	EPA 410.4	374471	EPA 410.4	374479
40219951014	PZ-2112	EPA 410.4	374471	EPA 410.4	374479
40219951015	MW-2112D	EPA 410.4	374471	EPA 410.4	374479
40219951016	PZ-2112D	EPA 410.4	374471	EPA 410.4	374479
40219951017	MW-2110	EPA 410.4	374471	EPA 410.4	374479
40219951018	MW-2102	EPA 410.4	374471	EPA 410.4	374479
40219951001	MW-2103	SM 5310C	373855		
40219951002	MW-2103D	SM 5310C	373855		
40219951003	PZ-2103	SM 5310C	373855		
40219951004	PZ-2103D	SM 5310C	373855		
40219951005	MW-2114	SM 5310C	373855		
40219951006	MW-2106	SM 5310C	373855		
40219951007	PZ-2113	SM 5310C	373855		
40219951008	MW-2113	SM 5310C	373855		
40219951009	PZ-2114	SM 5310C	373855		
40219951010	MW-2104	SM 5310C	373855		
40219951011	PZ-2105	SM 5310C	373855		
40219951012	MW-2105	SM 5310C	373855		
40219951013	MW-2112	SM 5310C	373855		
40219951014	PZ-2112	SM 5310C	373855		
40219951015	MW-2112D	SM 5310C	373855		
40219951016	PZ-2112D	SM 5310C	374130		
40219951017	MW-2110	SM 5310C	374130		
40219951018	MW-2102	SM 5310C	374130		

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

Sample Condition Upon Receipt Form (SCUR)

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

Project #: _____

WO#: 40219951



40219951

Tracking #: 7814 95760101
 Custody Seal on Cooler/Box Present: yes no Seals intact: yes no
 Custody Seal on Samples Present: yes no Seals intact: yes no
 Packing Material: Bubble Wrap Bubble Bags None Other
 Thermometer Used SR - N/A Type of Ice: Blue Dry None Samples on ice, cooling process has begun

Cooler Temperature Uncorr: R01 / Corr: _____
Temp Blank Present: yes no MLR 12-16-20 **Biological Tissue is Frozen:** yes no
 Temp should be above freezing to 6°C.
 Biota Samples may be received at ≤ 0°C if shipped on Dry Ice.

Person examining contents:
12-16-20 SKW
 Date: /Initials:
 Labeled By Initials: MLR

Chain of Custody Present:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	1.	
Chain of Custody Filled Out:	<u>MLR 12-16-20</u> <input checked="" type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	2.	<u>copy to info</u> <u>MLR 12-16-20</u>
Chain of Custody Relinquished:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	3.	
Sampler Name & Signature on COC:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	4.	
Samples Arrived within Hold Time:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	5.	
- VOA Samples frozen upon receipt	<input type="checkbox"/> Yes <input type="checkbox"/> No	Date/Time:	
Short Hold Time Analysis (<72hr):	<input 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 type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A			
Correct Containers Used:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	9.	
-Pace Containers Used:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A		
-Pace IR Containers Used:	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A		
Containers Intact:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	10.	
Filtered volume received for Dissolved tests	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	11.	<u>MLR 12-16-20</u>
Sample Labels match COC:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	12.	<u>010 - A645 + BP35 time cut off</u> <u>011 - A645 time unlegible</u> <u>12/16/20</u>
-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.	<u>019 only</u> <u>020 x 021 seals</u> <u>broken - not supplied by Lab.</u> <u>006A65: time cut off, 016 (1) BP3N: ID 1</u> <u>12/16/20</u>
Trip Blank Custody Seals Present	<input checked="" type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A		
Pace Trip Blank Lot # (if purchased):	<u>455</u>		

Client Notification/ Resolution: If checked, see attached form for additional comments
 Person Contacted: _____ Date/Time: MLR 12-16-20
 Comments/ Resolution: partially unlegible, 008 (1) V69H: no time. MLR 12-16-20